

MAGNETICAL AND METEOROLOGICAL OBSERVATIONS.

HOBARTON, VAN DIEMEN ISLAND.

VOL. III.

Presented by direction of the British Government,

to

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OBSERVATORY

AT
HOBARTON, IN VAN DIEMEN ISLAND.

PRINTED BY ORDER OF HER MAJESTY'S GOVERNMENT.

UNDER THE SUPERINTENDENCE OF
COLONEL EDWARD SABINE,
OF THE ROYAL ARTILLERY.

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I N D E X.

ADJUSTMENTS, ABSTRACTS, AND COMMENTS.

INTRODUCTION.

	Page
On the Results of the Barometrical and Hygrometrical Observations in the Southern Hemisphere, by Professor H. W. Dove	xi
Description of the Magnetometers employed in the Term Observations recorded in this Volume	xvi

MAGNETICAL AND METEOROLOGICAL OBSERVATIONS.

1846.

Declination	2
Horizontal Force	14
Vertical Force	38
Magnetical and Meteorological Term Observations	62
Barometer	86
Standard Thermometer	98
Wet Thermometer	110
Humidity of the Air and Tension of Vapour	122
Meteorological Journal	148

1847.

Declination	170
Horizontal Force	182
Vertical Force	206
Magnetical and Meteorological Term Observations	230
Barometer	256
Standard Thermometer	268

	PAGE
Wet Thermometer - - - - -	- 280
Humidity of the Air and Tension of Vapour - - - - -	- 292
Meteorological Journal - - - - -	- 318
1848.*	
Declination - - - - -	- 340
Horizontal Force - - - - -	- 350
Vertical Force - - - - -	368
Magnetical and Meteorological Term Observations - - - - -	- 386
Barometer - - - - -	- 412
Standard Thermometer - - - - -	- 422
Wet Thermometer - - - - -	- 432
Humidity of the Air and Tension of Vapour - - - - -	- 442
Meteorological Journal - - - - -	- 462
January 1843 to September 1848 inclusive.	
Direction and Force of the Wind - - - - -	- 484

* To September inclusive, when the hourly series ceased.

ADJUSTMENTS, ABSTRACTS, AND COMMENTS.

ADJUSTMENTS, ABSTRACTS, AND COMMENTS.

I HAD hoped to have prefaced this volume with a discussion of the Meteorological Observations made hourly at Hobarton from January 1841 to September 1848 (of which the abstracts were published in 1850 in the first volume of the Hobarton Observations), from the pen of Professor Dove, who had kindly undertaken, at the magnetical and meteorological conference at Cambridge in 1845, to participate to that extent in the reduction, and application to theoretical conclusions, of the results of the Observations at the British Colonial Observatories; but M. Dove's appointment, on the death of Professor Mahlmann in November 1848, to the charge of the meteorological observatories in the Prussian states has materially abridged the time at that gentleman's disposal, and he has found himself unable to complete the discussion he had undertaken for the present volume without occasioning an inconvenient delay in its publication; the discussion will therefore be prefixed to the 4th volume; but in the meantime Professor Dove has kindly furnished for this volume the subjoined remarks (written in German) upon the bearing which the barometrical and hygrometrical observations, at the Colonial Observatories at Hobarton and the Cape of Good Hope, have had on the general theory which professes to explain the physical causes of the variations which we observe in the atmospherical phenomena of the globe. The testimony borne by so eminent a meteorologist, to the importance and value of this portion of the observations made at the British Colonial Observatories, cannot fail to be highly acceptable to the Government which instituted and to the public who have paid for these establishments, as it must be most satisfactory to the officers and to their assistants, by whose patient and unremitting labour facts of which the importance is thus recognised have been added to the foundations of meteorological science. The generalisation in which M. Dove has applied them is remarkable alike for its extent and its simplicity, and I am glad of the opportunity of enriching this volume with so interesting a document.

Woolwich, March 17, 1853.

EDWARD SABINE.

The establishment of meteorological stations in distant parts of the globe had, generally speaking, for its immediate object, so to complete the partial knowledge we already possessed of the phenomena over a considerable portion of its surface, as to enable us to take a general view of their course over the whole globe; the result of those endeavours has even exceeded what was hoped for, as besides the information obtained respecting regions where our knowledge was most defective, fresh light has been thrown on those with which we had supposed ourselves already completely acquainted.

Meteorology commenced with us by the study of European phenomena, and its next principal extension was to phenomena observed in the tropical parts of America. If what is true of Europe were equally true of the temperate and cold zones of the earth in all longitudes, and if tropical America in like manner afforded a perfect example of the tropical zone generally, it would be of little consequence where the science of Meteorology had been first cultivated; but this is not the case, and a too hasty generalisation has led to the neglect of important problems, while others less important have been regarded as essential and placed in the foremost rank. It was necessary that the science should be freed from these youthful trammels, and this needful enfranchisement has been effected by the Russian and by the English system of Observations. Russia has done her part in freeing the Meteorology of the temperate and cold zones from impressions derived exclusively from the limited European type; and England, which by its Indian stations had undertaken for the torrid zone the same task of enlarging and rectifying the views previously entertained, has besides, by its African and Australian stations (Cape of Good Hope and Hobarton), opened to us the southern hemisphere, and first rendered it possible to treat of the atmosphere as a whole. I will now endeavour to show the importance of being enabled to take such general views, selecting as an example the annual variation of the barometer.

The study of the *annual* barometric variation had long been singularly neglected, while the *diurnal* barometric variation had had devoted to it an attention quite disproportioned to its subordinate interest in reference to the general movements of the atmosphere. This otherwise incomprehensible mistake is excused by the localities where nature had been first interrogated. As the diurnal variation had manifested itself with great distinctness and regularity in tropical America, it naturally presented itself as an object of interest in Europe also. The annual variation, on the other hand, is inconsiderable, both in Europe and the tropical parts of America; and thus, while atmospheric phenomena were treated simply as facts of which the periodicity alone was to be investigated, without seeking for physical causes, it was natural that a phenomenon, in which opposite effects resulting from two different causes counterbalance each other, should altogether escape notice. It is, perhaps, more remarkable that no surprise should have been excited when the atmospheric pressure was not found to diminish from winter to summer with increasing heat.

When, by the labours of Prinsep more particularly, the phenomena of the tropical atmosphere in Hindostan became more known, there was seen to be a great difference between the barometric variation, there and in tropical America; inasmuch as the Indian observations showed a decidedly well marked annual variation. A new error was now fallen into, and it was supposed that the phenomenon did not extend beyond the torrid zone, and that it was an immediate consequence of the periodical change of wind, *i.e.* of the monsoons. This erroneous view was completely refuted when the barometric relations at the Siberian stations became known; for it was then found that, north of the Himalaya (which in the supposed hypothesis must have formed the limit of the phenomenon), the annual barometric

variation was exhibited on a large scale, and over a region so extensive that the shores of the Icy Sea itself could hardly be assumed as its boundary. A greatly diminished atmospheric pressure taking place in summer over the whole continent of Asia must produce an influx from all surrounding parts; and thus we have west winds in Europe, north winds in the Icy Sea, east winds on the east coasts of Asia, and south winds in India. The monsoon itself becomes, as we see, in this point of view, only a secondary or subordinate phenomenon.

I have endeavoured to establish the reality of the above phenomenon and its climatological bearings, in several memoirs; and I must refer for the numerical values to Poggendorff's "Annalen," lviii. p. 177; lxxvii. p. 309; and to the "Berichte" of the Berlin Academy, 1852, p. 285. I will here embody the results in distinct propositions, in order to show, in connexion therewith, the importance of the bearing of the Hobarton Observations.

1. At all stations of observation in the torrid and temperate zones the elasticity of the aqueous vapour contained in the atmosphere increases with increasing temperature. In the region of the monsoons this increase from the colder to the warmer months is greatest near their northern limit. Hindostan and China present in this respect the most excessive climate. No differences of similar magnitude are found in the southern hemisphere. The form of the curve of elasticity of the aqueous vapour shows, however, a less decidedly convex summit in the region of the monsoons than beyond it, having in that region rather the character of a flattened summit or table-land, the elasticity continuing nearly the same throughout the period of the rainy monsoon. Near the equator the convex curve of the northern hemisphere becomes gradually, first flattened, and then transformed into the concave curve of the southern hemisphere. In the Atlantic this transition takes place in a rather more northerly parallel. In regard to the magnitude of the annual variation, the following rule appears generally applicable in the torrid zone: the annual variation is considerable, at all places where equatorial currents prevail when the sun's altitude is greatest, and polar currents when the sun's altitude is least; and inconsiderable, wherever the direction of the wind is either comparatively constant throughout the year, or where it changes in the contrary sense to that above described. At the last-named class of places the rate of decrease in the mean annual tension of the aqueous vapour with increasing distance from the equator is more rapid than in the first class.

2. At all stations in Europe and Asia the pressure of the dry air decreases from the colder to the warmer months, and everywhere in the temperate zone has its minimum in the warmest month.

3. If we compare the annual variation of the pressure of the dry air in northern Asia and Hindostan with the variation in Australia and the Indian Ocean, we shall be satisfied that something more takes place than a simple periodical exchange of the same

mass of air in the direction of the meridian, between the northern and southern hemispheres. From the magnitude of the variation in the northern hemisphere, and the extent of the region over which it prevails, we must infer that at the time of diminished pressure a *lateral* overflow probably takes place; that it actually does so may be considered as proved, for the northern part of the region, by the fact that at Sitka, on the north-west coast of America, the pressure of the dry air *increases* from winter to summer. It is not probable that the overflow takes place exclusively to the east, it probably occurs also to the west; and on this supposition the small amount of the diminution of the pressure of the dry air from winter to summer in Europe would be caused, not solely by the moderate amount of the difference of temperature in the hotter and colder seasons, but also by the lateral afflux of air in the upper regions of the atmosphere tending to compensate the pressure lost by thermic expansion. As at the northern limit of the monsoon, at Chusan and Peking, the annual variation of the pressure of the dry air is most considerable, while at the northern limit of the trade wind in the Atlantic Ocean, *i.e.* at Madeira and the Azores, it is very small, it is probable that there is in the torrid zone also a lateral overflow in the upper strata of the atmosphere from the region of the monsoons to that of the trades.

4. From the combined action of the variations of the aqueous vapour and of the dry air we now derive immediately the periodical variations of the whole atmospheric pressure. As the dry air and the aqueous vapour mixed with it press in common on the barometer, so that the upborne column of mercury consists of two parts, one borne by the dry air the other by the aqueous vapour, we may well understand that as with increasing temperature the air expands, and by reason of its augmented volume rises higher and at its upper portion overflows laterally,—while at the same time the increased temperature causes increasing evaporation, and thus augments the quantity of aqueous vapour in the atmosphere,—so it naturally follows that the composite result in the periodical variations of the barometric pressure should not everywhere bear a simple and immediately obvious relation to the periodical changes of temperature. It is only when we know the relative proportions of the two variations which take place in opposite directions that we can determine whether their joint effect will be an increase or a decrease with increasing temperature,—whether in part of the period the one variation may preponderate and in other parts the other variation. The following are the results which we are enabled to derive from observation.

5. Throughout Asia, the increase in the elasticity of the aqueous vapour with increasing heat is never sufficient to compensate the diminished pressure of the dry air, and the annual variation of barometric pressure is therefore everywhere represented, in accordance with the variation of the pressure of the dry air, by a simple concave curve having its lowest part or minimum in July. The observations in Taimyr Land, at Iakoutsk, Udscoi, and Aiansk show that this is true up to the Icy Sea on the north, and to the sea of Ochotsk on the east. On the west a tendency towards these conditions begins to be perceived in European

Russia in the meridian of St. Petersburg, and becomes more marked as the range of the Ural is approached. On the Caspian and in the Caucasus the phenomenon is already very distinctly marked; its limit runs south from the western shore of the Black Sea, so that Syria, Egypt, and Abyssinia fall within the region over which it prevails. Towards the confines of Europe there is almost everywhere a maximum in September or October, the barometric pressure increasing rapidly from July to the autumn. This maximum is followed towards the latter part of the autumn by a slighter inflection or secondary minimum; it is only beyond the Ural that the curves become uniformly concave, with a single summer minimum and winter maximum, which character they retain throughout the rest of the Asiatic continent even to its eastern coast. In winter, the absolute height of the barometer at the northern limit of the monsoon is very great. The still considerable amount of the annual variation at Nangasaki, and the little difference between the curve of Manilla and that of Madras, show that the region in question extends beyond the eastern coast of Asia into the Pacific Ocean; in higher latitudes, however, its limits appear to be reached in Kamschatka. As the annual variation which is greater at Madras than at Manilla is found greater at Aden than at Madras, the western limit of the region would appear to extend far on the African side.

6. In middle and western Europe the barometric pressure appears to decrease everywhere from the month of January to the spring, usually attaining a minimum in April; it then rises slowly but steadily to September, and sinks rapidly to November, when it usually reaches a second minimum. In summer, therefore, the whole atmospheric pressure gains more by increased evaporation than it loses by expansion. This over-compensation is probably, as we have seen above, to be explained by the lateral overflow received in the upper regions from Asia. In Sitka the whole annual curve is convex, a result only found in Europe at considerable mountain elevations, where it is a consequence of the expansion, and extension upwards, of the whole mass of the atmosphere in summer.

7. The region of great annual barometric variation, on the Asiatic side of the globe where *monsoons* prevail, extends much further to the north in the northern hemisphere, than it does to the south in the southern hemisphere; for the variation reaches its maximum at Pekin, while at Hobarton, in nearly a corresponding latitude, it has already become inconsiderable; and it is generally greater in the northern than in the corresponding southern latitudes. The exact contrary is the case on the Atlantic side and in the region of the *Trades*; for here the annual variation, though nowhere very considerable, is decidedly greater in the southern than in the northern hemisphere, as is shown by the results of observation at the Cape, Ascension, St. Helena, Rio Janeiro, and Pernambuco, compared with the West Indian Islands and the southern parts of the United States. Hence it follows that, if we compare places in the same latitude, we find but little difference between the annual variation in the southern Atlantic and southern Indian oceans, while in the northern hemisphere we have in the same latitude the very large annual variation in the north part of the Indian and in the Chinese seas, and the almost entire absence of annual

variation in the Atlantic (compare Chusan with the Azores and Madeira). The explanation of the last-named phenomenon, *i.e.* that of the northern hemisphere, by a lateral overflow in the upper parts of the atmosphere, seems so direct, that I think we may pronounce the irregular form of the annual barometric curve in the West Indies to be a secondary phenomenon, the primary causes of which must be looked for on the east.

8. It is known that in the eruption of the Coseguina on the 20th of January 1835, when the isthmus of Central America was shaken by an earthquake, not only were volcanic ashes carried to Kingston in Jamaica, a distance of 800 English miles in the opposite direction to the trade wind, but some of the same ashes also fell 700 miles to the *westward*, on board the Conway, in the Pacific Ocean. We infer, therefore, that in the higher regions of the atmosphere in the tropics the air is not always flowing regularly from S.W. to N.E., but that this usual and regular direction is sometimes interrupted by currents from east to west. I think I have indicated the probable cause of such anomalous currents in the above described barometric relations of the region of the monsoons compared with that of the trades. If we suppose the upper portions of the air ascending over Asia and Africa to flow off laterally, and if this takes place suddenly, it will check the course of the upper or counter current above the trade wind, and force it to break into the lower current. An east wind coming into a S.W. current must necessarily occasion a rotatory movement, turning in the opposite direction to the hands of a watch. A rotatory storm moving from S.E. to N.W. in the lower current or trade would in this view be the result of the encounter of two masses of air impelled towards each other at many places in succession, the further course of the rotation (originating primarily in this manner) being that described by me in detail in a memoir on "the Law of Storms" translated in the Scientific Memoirs, Vol. III. Art. VIII. Thus it happens that the West India hurricanes and the Chinese tyfoons occur near the lateral confines on either side of the great region of atmospheric expansion, the tyfoons being probably occasioned by the direct pressure of the air from the region of the trade winds over the Pacific into the more expanded air of the monsoon region, and being distinct from the storms appropriately called by the Portuguese "Temporales," which accompany the outburst of the monsoon when the direction of the wind is reversed. The fact of the rotatory storms being of much more rare occurrence in the South Atlantic Ocean arises from the more equal distribution of the periodically diminished atmospheric pressure in the southern as compared with the northern hemisphere. Here, therefore, the rotatory storms take place principally in the monsoon itself.

9. It is evident that the unsymmetrical distribution of land and sea, which gives rise to the abnormal variations in the forms of the isothermal lines, is at the same time the principal cause of the movements of the atmosphere. Thus the monsoon is but a modification of the trade wind, of which the cause is to be sought in part beyond the tropic. The region of great thermic expansion of the air in summer in the interior of the continent of the Old World presents all the characteristic marks of the region of calms, being a centre towards which all adjacent masses of air are drawn. Hence there is no complete

sub-tropical zone, in the sense of a zone encompassing the globe. The region over which the heated air ascends does not therefore move up and down, or north and south, parallel with the sun's change of declination, but has rather a kind of oscillatory movement, in which the West Indies represent the fixed point, and the greatest amplitude of oscillation is on the side of India. The northern excursion is much greater in the northern hemisphere than is the southern excursion on the side of the southern hemisphere. The European atmospheric relations, especially in summer, are therefore essentially of a secondary nature; and we must regard the little alteration in the atmospheric pressure in the course of the year in Europe as a secondary result, of which the explanation would not have been possible without the observations from Asia and Australia.

H. W. DOVE.

Berlin, January 5, 1853.

Description of the Magnetometers employed in the Term-Observations recorded in this volume.—Commencing with November 1844, the observations on term days for changes of Declination, of Horizontal Force, of Vertical Force and Inclination, were made with a set of small instruments instead of the instruments used for the regular hourly series described in Vol. I. of the Hobarton Observations, pp. xv, xli, and liv.

The small instruments consisted of a Declination Magnetometer or Observatory Unifilar, a Bifilar Magnetometer, and an Induction Inclinator; the two first are similar in principle to the corresponding instruments employed in the hourly series, and only differ from them in size; the latter is the instrument devised by Dr. Lloyd. They are described in Captain Riddell's "Magnetical Instructions for the use of Portable Instruments, &c.," pp. 66 et seq.

A detached observatory was built for the special reception of these instruments which arrived at Hobarton in October 1844. The observatory was constructed of sandstone, with a weather-boarded roof, and the flooring framed round the pedestals which support the instruments and their reading telescopes; the form of the building was that of a regular hexagon, each side measuring 14 feet. It was placed at a considerable distance from the large observatory, to avoid any possible influence of the magnets upon each other; the smallest distance between any one instrument in the large observatory and any one in the small observatory was 77 feet.

The stone magnetometer-pedestals were so arranged with respect to height that the magnets, when suspended and in adjustment, should be in the same horizontal plane; the distance between the unifilar and the bifilar was 15 feet 2 inches; between the bifilar and induction inclinometer 13 feet 5 inches; and between the induction inclinometer and unifilar

20 feet 6 inches. Captain Kay found upon trial that there was no perceptible influence of the magnets upon each other.

The magnetometers were adjusted in November 1844. The several steps in the adjustments took place as follows:—In the case of the Declination Magnetometer, the top of the stone pillar being accurately levelled, the stone slab and copper magnetometer box with deflecting bar supports attached to it were placed on the pillar and bedded in a strong white cement; slab and copper box being accurately levelled, a plummet attached to a thread was found to hang exactly vertically over the centre of the pivot on which the deflecting bar supports traverse: a suspension thread was formed of two fine fibres, and the plummet left suspended. Two days afterwards, the cement being dry, the line of detorsion was made to coincide with the magnetic meridian, and the magnet A. 57, 3·00 inches in length, was suspended. The scale was cemented in a dovetail groove cut in front of the telescope pillar, and firmly fixed by means of screws fitting in sockets which had previously been let into the stone for this purpose.

The reading telescope was fixed upon the top of its pillar, and adjusted so that the mirror of the magnet appeared in the centre of the field of view, the azimuth and inclination of the mirror itself being also adjusted to reflect the centre of the scale. The distance of the face of the mirror from the face of scale was then measured and found to be 68·47 inches; 1 division of the scale = 0·02 in.; whence the angular value of one division = $3437'·75 \times \frac{l}{2r} = 0'·502 = a$; the coefficient of torsion was determined to be 0·000303; therefore, the coefficient for reduction of differences of declination in scale readings into changes in angular value =

$$a \times \left(1 + \frac{H}{F} \right) = 0'·502 (1·000303) = 0'·502.$$

In the case of the Bifilar Magnetometer, the instrument was placed on the pillar in a bed of strong white cement, the box carefully levelled and adjusted so that its sides should be in the magnetic meridian. The cement being dry, and the level perfectly true, a suspension thread was formed of a single fibre and the torsion having been eliminated, the magnet, a hollow cylinder 3·00 inches in length, was suspended. The telescope with the scale attached was fixed on its pillar, and adjusted so that the mirror of the magnet appeared in the centre of the field of view. The distance was measured from the face of mirror to the face of scale, and found to be 53·77 inches. The azimuth and inclination of the mirror were adjusted to reflect the centre of the scale; and one scale division being 0·02 inches in length, the arc value of one scale division in parts of radius was found by the formula $\frac{l}{2r} \times 3437'·75 \times 0·0002909 = 0·0001857 = a$. The required value of the coefficient k was 0·000163, whence the angle v to be obtained in the adjustment is

$\frac{k}{a} = \cot 48^\circ 44'$. The time of one vibration of the magnet (single suspension in the magnetic meridian) was then determined, $t = 2.7412$. The coefficient of torsion $\frac{H}{F}$ was found = .00016; and the zero reading of the scale being 201.0, the value of t' was found by the formula

$$\sqrt{t^2 \frac{\sin v}{1 + \sin v}} = 1.795 \text{ seconds} = t'$$

A bifilar suspension was then formed of one strong fibre slightly waxed, and substituted for the single thread, mirror untouched; the torsion circle was turned until the zero division of the scale (201.0) coincided with the vertical wire of the telescope, the reading of the torsion circle being $252^\circ 05'$. The interval between the threads was altered until the time of vibration agreed nearly with the calculated value. The time of vibration was observed, and t' found = $\frac{625.5}{356} = 1.757$ seconds. Whence

$$\sin v = \frac{t'^2}{t^2 - t'^2} = \sin 44^\circ 04'; \text{ and}$$

$$t'' = \sqrt{\frac{t^2}{\cot v}} = 2.697 \text{ seconds.}$$

The torsion circle was turned through an angle of $90^\circ + v = 134^\circ 04'$; viz., from $252^\circ 05'$ to $118^\circ 01'$, and the azimuth of the mirror adjusted to bring the central division of the scale into the field of view. Time of vibration observed with the magnet in this position,

$$t'' = 2.723$$

This value agreeing so nearly with the calculated value of t'' , no alteration of the torsion circle was considered necessary. The scale coefficient is then,

$$a \cdot \cot v = a \frac{t^2}{t'^2} = .000188 = k$$

Increasing scale readings denote increasing Horizontal Force, or a movement of the north end of the magnet toward the north.

In the case of the Induction Inclinator, the instrument was placed upon the pillar and the base levelled in the usual manner; a fine suspension thread was formed, and the torsion having been eliminated, Magnet H 27, 3.00 inches in length, was suspended. The adjustment was then proceeded with in the manner recommended by Dr. Lloyd in his description of the Induction Inclinator, published in 1842. The resulting coefficient was,

$$aP = 0'.56$$

The instrument was not re-adjusted from November 1844 to May 1847, when on account of the change of reading which had been continually taking place in the interim, the mean scale reading became near the end of the scale instead of about the centre, as at first; a new

adjustment was therefore necessary ; this was done in the same manner as before, and the resulting coefficient found, viz.

$$aP = 0' \cdot 59$$

In 1848 a revised method of adjusting the Induction Inclinometer, and of determining the scale coefficient, was published by Dr. Lloyd in a circular letter ; upon the receipt of this at Hobarton in December of the same year, the instrument was entirely readjusted according to the method prescribed. The observations made subsequently are not however included in the present volume, and the adjustment is therefore not described.

VAN DIEMEN ISLAND, 1846.

MAGNETICAL OBSERVATIONS.

DECLINATION.														
Angular Value of one Scale Division of the Declinometer = 0'.71. Increasing Numbers denote increasing Easterly Declination.														
Mean Göttingen Time. } Jan. } Feb. }	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.		
JANUARY.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.		
	1	79.2	75.7	76.0	77.8	77.1	77.1	78.0	75.4	73.2	71.3	70.4	69.0	
	2	79.0	78.1	75.5	77.5	—	—	78.1	78.2	77.7	76.9	76.2	76.8	74.3
	3	78.0	77.6	77.9	—	—	—	—	—	—	—	—	—	—
	4	—	—	—	78.1	76.8	75.8	75.2	75.2	74.4	73.7	74.7	73.2	73.2
	5	78.8	77.3	78.3	77.0	76.5	76.9	77.1	77.0	75.4	76.1	74.2	72.2	72.2
	6	79.3	79.1	79.1	78.4	81.3	78.5	76.3	76.0	74.5	73.1	72.2	70.9	70.9
	7	76.2	78.0	78.1	78.5	81.6	81.7	86.2	82.2	77.9	74.0	70.4	67.4	67.4
	8	76.4	70.5	70.2	73.0	76.2	81.4	78.9	78.2	75.2	73.4	69.8	68.7	68.7
	9	77.5	77.9	78.3	80.0	79.1	79.9	78.6	—	76.1	74.0	71.1	70.2	70.2
	10	79.1	79.0	78.8	—	—	—	—	—	—	—	—	—	—
	11	—	—	—	78.4	78.2	78.0	78.2	77.6	77.0	75.2	75.0	67.9	67.9
	12	77.7	71.8	69.3	70.5	75.5	76.1	77.3	77.5	75.4	72.7	70.6	70.0	70.0
	13	77.8	78.1	78.1	78.0	78.0	78.1	78.0	76.8	76.0	73.2	70.1	68.7	68.7
	14	69.8	69.2	74.8	77.2	79.0	78.9	77.9	78.3	75.8	75.0	71.7	70.7	70.7
	15	80.2	77.8	73.7	77.4	77.5	77.2	76.1	75.3	73.8	73.0	69.6	67.1	67.1
	16	74.8	78.3	78.0	78.0	78.4	78.2	78.1	77.2	76.2	77.6	71.1	68.9	68.9
	17	79.0	79.0	79.0	—	—	—	—	—	—	—	—	—	—
	18	—	—	—	78.7	78.4	78.3	77.6	77.1	75.3	78.3	73.5	69.3	69.3
	19	78.2	—	—	79.0	79.4	78.0	80.1	80.4	76.6	72.7	70.2	71.2	71.2
	20	79.8	79.6	79.2	78.5	78.5	78.1	77.7	76.8	—	—	—	—	—
	21	80.0	79.7	79.8	78.3	79.0	79.2	79.0	78.8	75.6	71.0	67.5	67.7	67.7
	22	79.0	79.0	79.0	78.9	78.3	78.3	78.1	78.2	77.8	73.8	71.3	70.9	70.9
	23	79.8	79.0	78.0	77.2	77.9	77.9	77.1	77.0	75.9	74.5	66.9	54.4	54.4
	24	74.6	77.3	78.3	—	—	—	—	—	—	—	—	—	—
	25	—	—	—	78.3	81.7	77.0	77.2	76.1	75.6	73.4	72.5	72.3	72.3
	26	78.8	78.1	78.6	78.8	78.5	78.5	77.8	78.4	76.7	75.0	73.1	71.1	71.1
	27	79.7	78.8	78.5	77.1	77.7	78.1	78.6	79.2	75.6	73.5	73.3	71.0	71.0
	28	78.1	74.3	74.6	72.5	72.8	73.8	76.4	77.1	75.8	73.6	72.0	67.7	67.7
	29	79.0	78.5	78.8	78.2	—	78.1	78.1	77.6	75.5	72.2	69.3	68.9	68.9
30	78.9	78.7	77.9	77.6	77.6	77.5	76.9	76.7	74.5	74.6	72.7	68.5	68.5	
Hourly Means	78.03	77.22	77.11	77.42	78.12	78.03	78.03	77.51	75.71	74.04	71.60	69.29	69.29	
FEBRUARY.	79.0	78.9	78.5	—	—	—	—	—	—	—	—	—	—	
	1	—	—	76.5	77.5	77.9	77.6	77.3	77.3	77.3	75.1	72.0	68.9	
	2	79.3	76.8	76.1	75.7	—	76.0	76.3	77.6	76.5	75.0	72.8	71.8	
	3	79.0	79.0	78.9	79.0	76.1	77.7	77.6	77.2	77.1	76.6	74.9	71.7	
	4	80.0	78.9	78.2	78.4	78.4	77.6	77.4	78.5	77.5	75.2	75.2	73.1	
	5	80.0	79.5	80.1	77.3	78.2	78.3	77.9	77.8	76.1	75.8	73.7	72.0	
	6	79.4	79.3	79.2	79.0	—	79.0	78.4	78.1	77.1	75.1	71.8	69.0	
	7	78.7	76.3	77.0	—	—	—	—	—	—	—	—	—	
	8	—	—	—	79.7	79.1	78.7	78.3	78.1	76.5	74.3	70.8	68.6	
	9	72.5	75.1	68.3	59.4	69.6	77.6	79.4	78.8	77.7	75.9	74.0	72.5	
	10	78.3	78.9	80.0	79.1	—	—	—	—	—	72.9	69.7	68.7	
	11	76.0	79.0	78.9	79.2	—	78.7	79.1	79.2	77.2	75.3	71.7	68.2	
	12	74.8	78.1	77.9	78.8	78.8	79.4	78.8	78.4	77.8	75.9	74.6	70.6	
	13	79.8	78.0	78.0	78.2	78.3	78.3	78.0	78.2	77.9	77.5	74.1	70.0	
	14	77.8	76.3	74.0	—	—	—	—	—	—	—	—	—	
	15	—	—	—	74.1	78.0	78.0	78.1	77.7	76.8	76.3	73.5	73.4	
	16	71.6	78.5	73.8	73.8	78.0	80.1	79.3	83.5	—	77.7	78.8	73.7	
	17	78.8	78.5	77.0	77.8	78.0	78.3	79.5	78.9	79.3	79.1	78.5	75.2	
	18	77.7	78.6	77.3	75.2	76.5	78.0	82.1	82.1	78.1	78.0	77.5	75.0	
	19	79.5	79.2	78.8	78.5	78.7	79.0	78.7	79.2	78.0	77.3	73.1	68.6	
	20	79.8	79.6	79.7	79.2	—	—	78.1	78.4	77.8	77.0	75.6	73.2	
	21	79.3	78.7	78.2	—	—	—	—	—	—	—	—	—	
	22	—	—	—	—	78.9	78.2	78.2	78.0	77.2	76.7	74.1	71.3	
	23	79.5	79.8	79.2	79.1	79.2	78.5	78.2	78.1	77.2	76.8	73.8	73.3	
	24	80.2	80.0	79.8	79.2	—	79.0	79.0	78.9	78.4	75.8	72.6	69.5	
	25	79.8	79.8	79.2	78.8	79.4	78.9	76.0	76.4	78.7	79.7	78.1	71.8	
	26	80.3	79.9	79.4	78.7	72.9	73.4	73.0	73.0	75.9	76.2	70.2	71.3	
27	80.2	79.7	79.1	79.2	79.0	78.8	78.8	78.6	80.2	76.5	72.9	70.4		
Hourly Means	78.39	78.60	77.77	77.13	77.48	78.16	78.17	78.35	77.56	76.32	73.92	71.32		

DECLINATION.												
Angular Value of one Scale Division of the Declinometer = 0'.71. Increasing Numbers denote increasing Easterly Declination.												
12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div. 69.2	Sc. Div. 70.7	Sc. Div. 74.2	Sc. Div. 77.8	Sc. Div. 84.5	Sc. Div. 88.7	Sc. Div. 89.4	Sc. Div. 87.0	Sc. Div. 84.3	Sc. Div. 81.5	Sc. Div. 80.0	Sc. Div. 79.2	Sc. Div. 77.78
72.6	73.9	74.4	78.7	83.5	86.9	86.9	84.9	82.7	80.2	79.1	78.8	78.73
—	—	—	—	—	—	—	—	—	—	—	—	77.28
71.3	73.8	76.3	80.0	82.4	82.2	81.7	81.0	78.8	78.5	79.0	79.2	79.34
70.3	74.0	80.8	83.5	88.5	89.9	88.3	87.1	83.9	81.7	80.1	79.2	78.63
71.5	75.1	78.4	83.5	86.4	87.4	87.0	84.0	81.2	79.0	77.8	77.0	78.41
66.0	72.3	76.6	81.8	83.8	85.3	85.0	83.8	81.0	79.0	77.1	78.0	77.73
71.0	73.8	77.0	82.2	86.1	88.5	88.3	86.0	82.3	81.0	79.3	78.1	78.26
69.2	72.2	77.0	80.1	83.8	86.0	85.7	84.1	82.3	80.0	78.0	79.0	79.39
—	—	—	—	—	—	—	—	—	—	—	—	77.8
70.0	73.2	76.0	82.1	86.1	88.0	88.0	88.9	86.5	85.8	80.5	77.8	77.61
71.1	74.7	78.5	83.3	86.9	88.1	87.8	86.0	83.3	81.0	79.4	78.2	79.75
73.1	74.0	85.2	87.8	91.3	92.3	89.2	87.2	83.2	81.0	79.8	79.1	78.45
69.2	71.8	77.3	85.0	89.7	89.5	87.3	85.7	84.5	82.9	81.4	80.1	77.67
68.0	71.3	76.0	82.3	86.2	88.4	85.7	84.8	84.0	81.2	78.8	78.8	79.75
69.8	72.3	79.9	87.7	91.0	93.0	91.1	89.2	86.2	83.1	77.0	79.0	78.82
—	—	—	—	—	—	—	—	—	—	—	—	79.46
71.3	72.6	78.6	84.1	85.2	86.5	85.9	84.4	81.8	79.2	79.1	79.4	80.08
72.5	77.6	84.3	87.4	88.6	87.3	84.4	83.0	80.7	78.8	78.8	79.0	78.49
71.2	75.7	80.3	86.4	88.6	86.3	83.6	83.1	79.5	79.1	79.5	80.2	78.91
71.4	76.1	80.1	84.1	85.0	85.2	84.4	83.3	81.8	79.3	78.5	79.0	76.90
75.1	79.8	81.9	82.8	82.3	81.4	82.0	81.3	81.6	82.0	81.0	80.0	78.31
76.0	72.1	76.3	77.0	79.4	79.6	83.6	85.4	86.8	82.4	76.2	75.2	78.95
—	—	—	—	—	—	—	—	—	—	—	—	77.72
73.5	75.8	78.8	84.2	86.7	86.2	—	83.0	81.6	80.0	78.5	78.6	77.75
70.0	71.8	76.8	81.3	87.1	89.1	86.6	84.7	82.0	80.7	81.1	80.2	77.80
69.4	70.0	72.5	76.8	81.2	85.8	84.8	83.9	82.2	79.2	79.1	79.2	79.19
66.2	69.7	75.2	83.4	91.1	95.2	91.5	85.4	81.8	80.0	78.7	79.0	78.86
68.8	71.2	74.2	76.8	84.8	86.7	86.5	84.5	81.6	81.0	79.9	79.1	78.49
69.5	73.3	77.7	82.6	86.5	89.5	91.1	86.6	86.6	83.5	81.6	79.9	77.80
70.66	73.42	77.86	82.41	86.03	87.42	86.63	84.93	82.78	80.81	79.20	78.86	78.49
—	—	—	—	—	—	—	—	—	—	—	—	78.15
68.1	69.0	73.4	77.9	82.9	87.3	88.0	86.2	84.0	81.4	80.8	80.2	78.05
71.3	74.2	77.0	80.2	83.3	84.4	84.5	84.0	82.4	81.8	79.2	79.0	79.13
72.1	75.0	77.7	78.8	82.9	86.0	87.0	86.3	84.6	82.3	80.4	81.2	78.63
73.0	74.0	77.0	79.2	83.0	83.8	83.2	82.3	82.1	81.2	80.0	79.9	79.29
72.2	77.7	81.2	84.0	85.7	85.2	84.2	83.1	82.2	81.2	80.1	79.5	78.80
65.7	74.9	80.4	84.6	89.0	88.8	86.2	83.0	80.6	78.7	77.0	78.1	78.67
—	—	—	—	—	—	—	—	—	—	—	—	77.01
68.1	74.2	80.5	85.3	85.2	90.3	87.5	84.8	81.7	81.3	78.1	75.0	80.09
75.2	79.2	82.0	84.0	86.8	84.3	82.0	79.1	78.7	78.0	79.0	79.2	79.50
69.2	76.2	83.0	87.8	90.7	91.4	88.8	85.2	81.5	80.0	80.5	79.8	78.97
68.7	72.7	80.7	86.5	89.8	91.1	89.1	86.3	82.3	79.8	80.1	78.9	79.87
68.3	70.8	77.5	82.8	86.6	88.9	87.5	85.0	83.0	81.1	80.3	79.6	78.73
70.0	73.4	79.8	84.9	87.7	90.6	90.0	87.7	84.5	82.7	80.2	79.0	78.75
—	—	—	—	—	—	—	—	—	—	—	—	79.24
71.8	73.5	75.2	81.9	85.9	85.8	87.0	84.7	85.8	84.4	81.0	78.6	79.13
75.8	71.1	76.5	81.7	83.9	84.6	84.2	83.1	82.9	81.5	79.4	77.7	79.03
71.2	70.3	73.0	79.1	85.5	88.5	87.4	85.4	83.3	81.5	79.1	78.5	79.87
71.5	72.6	77.2	80.7	—	86.0	86.0	85.2	82.5	81.2	80.7	80.2	79.00
67.2	70.7	76.1	82.3	86.5	88.5	88.0	85.7	82.7	80.5	80.2	79.8	79.61
70.5	72.0	77.9	83.9	87.3	89.2	89.0	86.1	84.0	82.7	79.7	76.5	79.44
—	—	—	—	—	—	—	—	—	—	—	—	80.69
68.9	71.8	77.7	81.8	84.6	86.6	86.0	84.0	82.8	81.9	81.8	80.4	79.16
72.6	75.1	80.4	82.2	85.2	86.7	87.1	85.0	82.3	80.6	80.2	80.5	79.61
68.2	72.8	78.1	84.1	88.2	89.1	87.8	85.2	81.8	79.9	79.8	79.8	79.44
75.0	75.0	85.1	88.3	90.1	90.4	88.8	83.8	81.7	79.6	81.3	80.8	80.69
70.0	73.0	82.8	89.5	91.5	91.8	88.6	86.0	82.1	81.3	78.7	80.4	79.16
68.5	69.2	74.8	82.7	89.3	91.9	90.7	86.1	83.0	81.2	79.9	79.9	79.61
70.55	73.27	78.54	83.09	86.59	87.97	87.02	84.72	82.60	81.07	79.90	79.27	79.09

DECLINATION.													
Angular Value of one Scale Division of the Declinometer = 0' 71. Increasing numbers denote increasing Easterly Declination.													
Mean Göttingen Time. } Feb. 23	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
1	79·8	79·4	79·2	—	—	—	—	—	—	—	—	—	
2	79·7	79·1	78·7	79·2	78·8	79·0	78·5	78·2	78·0	79·5	77·7	73·3	
3	80·1	80·0	79·5	79·0	76·0	79·2	78·7	79·3	—	77·4	74·3	71·3	
4	80·7	78·1	78·1	78·4	78·6	76·2	80·4	79·2	77·6	76·8	73·9	72·3	
5	79·2	78·6	78·0	77·7	78·3	78·5	78·2	78·3	78·0	77·7	75·5	72·8	
6	80·8	79·7	79·2	79·2	78·9	78·5	78·3	78·2	77·8	77·2	75·3	71·6	
7	80·6	79·9	79·1	—	—	—	—	—	—	—	—	—	
8	—	—	—	77·8	78·2	78·2	78·1	78·3	—	77·0	75·1	72·0	
9	79·9	79·5	79·0	78·2	78·0	77·8	78·3	78·8	78·7	78·0	76·2	73·3	
10	80·1	79·3	78·6	78·0	—	77·3	77·5	77·7	77·9	77·3	75·7	72·6	
11	80·1	80·0	78·7	80·2	—	77·3	78·5	79·0	78·3	82·1	77·5	74·5	
12	80·0	79·8	79·8	79·7	79·0	79·2	79·0	80·9	80·8	80·8	77·2	74·0	
13	80·8	76·3	70·4	60·0	69·6	75·6	77·4	76·2	74·5	76·2	80·2	80·0	
14	75·9	81·0	65·0	—	—	—	—	—	—	—	—	—	
15	—	—	—	77·3	78·6	83·5	79·7	82·6	—	83·0	83·8	76·6	
16	79·9	76·2	72·9	76·2	77·4	78·2	79·0	82·8	81·0	88·6	80·0	78·5	
17	72·8	74·2	74·0	71·8	77·2	79·0	80·8	78·2	77·8	76·4	78·7	75·5	
18	71·0	75·3	75·8	76·8	77·0	79·3	79·2	79·0	78·8	78·3	76·5	73·3	
19	80·0	80·0	79·1	82·0	78·9	79·3	80·2	80·5	79·7	79·1	77·5	74·6	
20	78·2	77·5	77·9	78·8	79·2	79·2 ^a	79·0	78·8	79·3	79·5	78·9	76·9	
21	80·2	80·0	78·5	—	—	—	—	—	—	—	—	—	
22	—	—	—	79·3	79·8	79·6	79·3	79·2	79·2	79·4	76·5	73·8	
23	80·3	80·2	80·2	80·2	80·0	80·0	79·9	79·0	79·3	79·7	77·3	74·7	
24	79·6	79·0	79·9	79·0	77·0	77·0	78·2	82·2	79·8	78·2	77·1	74·0	
25	80·3	81·1	80·0	80·2	80·0	79·2	78·8	77·8	77·8	78·3	76·9	74·9	
26	72·4	77·8	77·9	80·6	79·4	78·8	77·0	77·7	77·2	76·7	74·2	73·8	
27	79·8	79·7	79·5	79·2	81·1	80·2	76·9	80·8	—	78·0	76·0	73·8	
28	78·1	77·9	79·3	—	—	—	—	—	—	—	—	—	
29	—	—	—	81·8	81·2	79·8	79·2	79·4	79·6	78·6	77·5	75·5	
30	78·0	78·5	78·2	79·4	83·0	80·0	78·5	78·9	77·8	78·0	78·0	75·1	
31	80·6	80·2	80·1	79·5	79·2	79·2	79·2	79·4	79·6	79·1	76·2	75·1	
Hourly Means	78·85	78·83	77·65	78·00	78·47	78·85	78·77	79·21	78·54	78·85	77·02	74·36	
MARCH.	1	80·4	78·9	80·2	79·4	79·2	79·5	79·7	79·5	78·5	77·9	78·5	76·2
	2	80·1	78·5	78·0	76·8	—	79·6	79·6	78·9	78·8	78·3	76·8	75·2
	3	81·4	80·4	80·4	79·7	79·2	79·2	79·4	79·0	78·8	78·1	76·4	75·0
	4	81·0	80·8	80·0	—	—	—	—	—	—	—	—	—
	5	—	—	—	79·8	78·6	81·2	81·3	79·0	79·2	79·6	79·0	75·3
	6	78·0	71·5	72·8	66·0	75·0	74·2	73·8	74·0	80·3	80·3	88·0	79·1
	7	76·1	74·8	75·8	79·6	81·5	81·3	82·2	83·3	79·3	81·3	83·8	78·4
	8	80·0	76·3	77·1	78·1	82·2	79·2	79·0	80·7	—	79·8	78·2	75·2
	9	80·0	79·8	79·7	—	—	—	—	—	—	—	—	—
	10	—	—	—	80·0	81·0	81·2	80·8	80·4	74·0	75·4	75·9	76·0
	11	79·3	72·0	79·8	—	—	—	—	—	—	—	—	—
	12	—	—	—	80·2	80·4	80·8	80·8	80·0	80·2	80·2	78·8	76·5
	13	71·4	75·6	73·4	73·6	78·0	76·0	73·7	73·6	76·0	75·8	75·2	76·2
	14	79·3	71·3	73·8	77·6	79·0	80·0	80·1	78·8	79·7	81·0	81·8	80·0
	15	78·9	73·6	77·3	77·2	79·8	80·0	80·2	79·3	—	80·7	82·1	81·3
	16	72·8	72·4	76·8	77·0	66·8	77·9	83·5	82·6	91·8	80·8	83·3	85·3
17	77·2	76·3	74·8	81·2	79·9	81·1	84·0	84·4	—	81·2	80·2	78·0	
18	80·1	78·1	78·1	—	—	—	—	—	—	—	—	—	
19	—	—	—	79·7	79·2	79·1	86·0	78·0	80·0	81·3	79·8	78·7	
20	79·6	78·8	79·8	79·8	80·2	80·2	80·8	81·7	81·2	81·0	79·5	78·3	
21	80·8	80·2	79·5	79·7	79·5	79·5	79·7	80·0	79·5	79·5	78·7	77·2	
22	79·7	79·0	78·4	77·4	77·3	76·8	76·0	76·0	77·5	75·6	77·2	74·7	
23	80·7	80·3	80·0	80·1	80·3	80·6	80·4	80·2	79·9	79·5	78·2	76·2	
24	80·1	79·8	79·8	78·1	79·6	80·0	81·2	80·3	79·7	78·9	78·1	77·0	
25	80·7	79·0	80·2	—	—	—	—	—	—	—	—	—	
26	—	—	—	79·7	80·0	81·0	81·5	80·1	79·8	79·3	78·4	81·0	
27	78·4	80·1	77·2	73·7	79·0	80·6	78·4	79·8	79·4	79·2	78·8	76·8	
28	80·1	80·2	80·4	80·2	80·5	80·7	80·5	80·5	—	78·7	78·1	75·9	
29	80·5	80·2	80·2	80·2	80·3	81·0	80·2	80·3	—	80·4	79·7	75·3	
30	80·7	79·2	78·8	81·6	81·2	80·0	79·8	79·7	80·0	80·0	78·2	77·7	
Hourly Means	79·09	77·48	78·09	78·26	79·07	79·63	80·10	79·60	79·68	79·35	79·31	77·46	

^a A violent thunder storm, with heavy tropical rain. The instruments closely watched, and not found to be affected in the slightest degree.

DECLINATION.												
Angular Value of one Scale Division of the Declinometer = 0'.71. Increasing numbers denote increasing Easterly Declination.												
12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
70.0	72.5	77.8	83.5	86.2	88.6	87.5	85.1	82.8	80.0	80.3	80.0	79.79
71.2	75.0	80.9	84.4	85.8	87.0	86.0	83.0	81.1	81.1	80.9	80.6	79.44
70.2	71.9	78.0	83.4	86.7	88.1	87.7	86.1	84.1	81.2	81.2	81.0	79.66
72.1	72.4	75.9	79.8	83.2	86.2	87.1	85.0	83.3	78.8	79.8	79.7	79.16
71.4	73.0	78.0	82.1	86.0	88.2	88.0	86.3	84.1	81.6	81.6	81.2	79.68
70.2	71.8	75.7	80.8	86.3	88.3	88.7	86.6	84.0	82.0	81.1	81.0	79.63
70.0	72.2	77.0	83.0	85.8	87.0	87.0	85.2	83.2	81.2	80.8	80.2	79.43
71.2	72.0	75.8	79.9	83.6	86.0	86.3	84.8	83.2	80.6	81.0	80.1	79.18
71.6	72.6	76.1	80.2	84.3	87.1	87.1	85.7	83.6	81.8	80.9	80.7	79.29
72.8	74.1	80.3	85.2	87.4	89.4	91.1	88.7	85.8	83.1	81.2	79.8	81.09
73.2	74.3	78.3	83.8	88.2	89.1	88.1	85.2	83.5	81.7	80.7	81.3	80.73
77.0	75.2	80.8	87.9	90.7	91.2	90.8	84.8	79.8	83.2	73.7	77.8	78.75
72.8	74.7	79.2	83.7	87.5	88.7	86.5	85.0	82.3	80.8	80.3	79.7	80.36
76.7	76.2	76.2	80.6	84.8	88.2	87.0	87.0	85.3	82.0	78.0	76.6	80.39
73.8	75.0	78.2	83.3	85.8	87.5	87.3	84.0	77.3	79.7	80.5	72.5	78.39
71.9	73.2	76.8	83.9	87.8	87.5	86.7	84.1	81.9	80.8	80.7	80.1	78.97
72.8	72.4	75.5	79.5	83.3	84.5	87.2	85.8	83.0	81.2	79.8	79.8	79.82
73.4	75.0	77.0	81.8	85.8	88.5	89.2	86.9	83.3	81.8	81.2	80.3	80.31
71.8	72.3	76.1	81.8	86.6	88.3	89.2	85.8	82.8	81.3	81.2	80.3	80.10
73.1	74.0	78.3	84.0	82.4	88.7	88.0	85.0	81.7	80.3	79.9	79.9	80.25
71.0	71.8	76.0	81.9	86.0	87.3	86.6	83.3	81.0	81.1	81.1	80.7	79.53
73.0	74.2	78.0	83.2	87.0	89.0	88.7	86.2	83.8	84.8	83.0	82.6	80.37
71.8	73.0	77.8	83.0	86.0	87.7	89.0	85.4	82.2	81.2	81.5	81.2	79.30
72.8	74.5	77.3	81.2	85.5	87.1	87.6	84.9	82.4	82.1	80.6	77.5	79.93
74.5	74.5	80.9	86.8	89.8	90.8	90.7	87.1	83.8	82.5	81.7	80.1	81.29
72.3	71.0	73.7	79.2	85.9	89.8	89.8	86.8	83.6	82.4	81.7	81.3	80.04
72.8	72.3	76.1	82.5	87.3	88.8	88.5	86.2	83.1	81.7	81.4	81.1	80.38
72.42	73.37	77.47	82.61	86.14	88.10	88.05	85.56	82.81	81.48	80.59	79.89	79.84
74.1	75.3	78.2	83.1	87.6	—	91.4	88.1	84.9	80.1	80.8	81.0	80.54
74.8	76.1	79.1	82.1	86.1	88.0	88.4	85.7	85.1	86.3	87.2	84.0	81.02
74.7	76.0	79.7	83.4	88.2	92.8	90.0	87.7	83.2	82.3	82.0	81.4	81.18
74.7	75.3	78.3	82.8	85.6	89.7	88.9	86.5	83.9	82.2	80.9	80.8	81.02
78.4	79.2	83.4	86.2	88.2	88.0	85.6	83.4	80.0	77.8	75.0	80.8	79.13
76.2	75.2	77.8	81.6	85.2	85.2	87.3	80.6	81.3	77.0	77.8	80.4	80.12
74.0	74.0	77.0	81.5	85.4	86.3	85.3	83.9	82.2	80.8	80.0	78.9	79.79
75.4	75.2	77.8	89.8	91.8	91.3	89.8	87.2	85.8	82.3	80.7	81.2	81.35
74.3	75.8	80.0	83.7	84.8	86.0	85.5	84.0	82.0	81.7	80.0	80.0	80.28
76.0	78.2	81.0	84.4	87.0	87.1	86.0	85.1	82.4	81.8	81.1	80.4	78.71
78.0	76.0	78.8	83.6	85.8	87.6	88.5	85.7	83.9	81.1	77.5	78.9	80.32
78.0	77.3	79.6	83.2	87.8	88.0	89.8	86.6	83.4	81.0	76.6	77.0	80.81
78.8	78.2	81.0	86.9	91.3	89.3	89.3	84.9	77.7	75.5	79.2	77.0	80.84
74.0	74.4	76.8	81.0	83.9	86.0	85.5	84.1	81.8	80.1	79.3	81.1	80.27
77.6	78.3	79.2	82.8	85.6	87.1	88.2	85.0	83.3	81.8	80.0	80.0	81.13
76.3	75.2	76.3	78.5	82.8	85.7	85.7	84.0	82.5	82.0	81.5	81.0	80.52
74.9	74.0	77.4	83.1	89.0	89.0	87.4	88.8	86.2	82.7	81.8	80.8	81.20
74.4	77.2	77.3	81.4	84.8	85.1	84.8	83.0	81.6	81.0	80.9	80.2	79.05
74.3	75.3	76.8	80.8	85.0	85.9	86.8	84.6	85.0	84.1	82.3	81.7	80.79
76.8	77.5	78.8	83.1	87.2	91.6	86.8	87.7	79.3	84.7	82.5	79.1	81.15
80.0	79.0	78.5	83.2	84.2	86.8	86.2	84.1	83.3	83.3	81.9	81.1	81.30
75.1	74.5	76.8	81.0	85.1	85.4	86.0	84.6	78.0	81.0	79.1	78.8	79.45
74.5	74.9	77.7	82.3	84.5	86.2	86.0	85.3	82.7	81.6	81.2	80.4	80.57
75.0	76.0	77.2	81.5	—	85.5	85.5	84.5	83.2	82.7	81.7	81.0	80.55
76.4	75.3	76.6	79.8	83.7	85.2	84.7	84.8	83.7	83.2	82.1	81.6	80.58
75.87	76.14	78.44	82.83	86.27	87.41	87.18	85.20	82.66	81.52	80.52	80.34	80.47

† Good Friday.

DECLINATION.													
Angular Value of one Scale Division of the Declinometer = 0'71. Increasing Numbers denote increasing Easterly Declination.													
Mean Göttingen Time.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
MAY.	1	80·5	80·1	79·8	79·3	80·0	80·2	80·6	80·7	80·0	80·3	79·4	78·2
	2	80·8	80·2	78·8	—	—	—	—	—	—	—	—	—
	3	—	—	—	76·2	77·4	78·1	79·7	79·3	79·0	78·2	77·6	78·0
	4	75·2	77·7	76·4	75·6	—	—	—	—	—	82·0	83·0	82·6
	5	79·9	74·0	76·0	78·0	78·3	78·0	81·3	79·8	80·2	81·0	82·0	81·4
	6	77·8	79·1	78·0	79·0	79·6	80·0	81·2	81·8	82·5	82·0	79·0	79·8
	7	79·5	78·0	77·7	78·4	79·9	79·3	78·1	76·7	79·5	81·9	79·1	77·8
	8	80·7	80·0	79·8	80·0	80·0	79·6	76·2	81·7	81·8	82·0	80·4	80·3
	9	80·1	79·3	75·3	—	—	—	—	—	—	—	—	—
	10	—	—	—	78·0	80·0	80·2	80·7	81·4	82·1	80·3	79·7	78·4
	11	76·7	79·0	79·8	79·4	79·7	80·8	82·1	81·6	79·5	78·6	80·2	80·4
	12	73·6	75·2	78·4	83·4	—	77·8	79·2	82·2	90·5	83·7	84·8	90·6
	13	75·4	75·8	77·4	77·0	81·1	81·0	81·0	81·2	84·2	84·7	80·5	79·2
	14	77·2	75·8	76·0	76·4	79·6	81·2	82·7	80·2	—	81·2	80·0	79·0
	15	77·8	79·3	78·1	80·5	83·0	80·7	81·1	81·3	80·8	79·9	79·5	78·1
	16	79·9	79·8	79·8	—	—	—	—	—	—	—	—	—
	17	—	—	—	80·3	80·3	80·9	81·1	80·8	81·0	81·2	80·2	78·0
	18	80·2	79·9	79·9	80·2	80·8	81·0	81·3	80·8	80·5	80·6	80·4	80·0
	19	80·4	80·2	79·8	79·8	79·0	79·3	78·1	78·9	79·2	77·5	78·5	78·1
	20	75·0	79·3	78·9	79·0	79·2	80·2	80·0	79·2	—	79·8	77·7	78·9
	21	75·2	80·0	81·8	84·2	81·1	80·2	80·8	82·0	80·0	78·7	79·4	79·5
	22	75·8	77·0	77·4	76·8	79·9	80·0	80·9	80·3	81·6	81·5	80·2	78·8
	23	79·8	79·2	78·2	—	—	—	—	—	—	—	—	—
	24	—	—	—	78·9	81·4	83·0	81·7	80·8	80·6	79·7	79·9	79·4
	25	74·8	76·2	77·0	77·4	74·0	78·0	80·6	85·2	—	82·2	82·5	79·7
	26	79·5	79·7	80·1	80·2	78·3	81·0	80·8	83·6	81·4	80·0	80·2	79·5
	27	79·1	78·9	79·0	78·1	79·7	80·2	81·0	80·3	80·7	79·9	80·5	80·0
	28	80·1	79·3	79·8	80·3	80·2	80·0	80·5	80·3	80·7	80·2	80·1	79·9
	29	80·1	79·8	79·0	80·2	80·6	80·8	80·6	80·9	80·8	80·4	79·9	78·8
	30	79·2	76·0	76·6	—	—	—	—	—	—	—	—	—
	31	—	—	—	79·0	75·0	70·0	77·8	80·0	80·2	81·0	82·2	82·7
Hourly Means	78·24	78·42	78·42	79·06	79·50	79·66	80·36	80·84	81·22	80·71	80·27	79·89	
JUNE.	1	79·8	74·7	78·0	79·0	—	79·3	82·0	81·8	81·2	80·9	80·8	81·3
	2	76·0	75·8	77·0	79·0	79·8	81·0	82·1	82·1	92·2	82·7	85·6	86·4
	3	80·1	79·4	76·0	79·2	80·8	80·8	80·8	81·3	80·3	80·4	80·8	80·9
	4	78·0	78·2	79·6	76·3	—	78·4	82·2	81·9	81·9	80·8	80·0	79·5
	5	76·0	78·7	78·4	79·8	81·0	80·9	81·1	83·4	80·0	80·4	80·6	79·8
	6	80·1	76·8	77·2	—	—	—	—	—	—	—	—	—
	7	—	—	—	79·0	82·8	80·0	79·8	79·7	80·8	84·0	82·9	81·7
	8	80·1	80·3	80·2	80·5	—	81·0	81·3	81·2	80·8	80·8	80·8	79·7
	9	79·3	79·3	78·8	79·3	79·2	75·0	88·0	80·0	80·0	80·7	80·4	80·3
	10	77·2	79·8	79·6	78·2	81·1	79·1	79·1	82·1	81·0	80·2	81·1	81·3
	11	80·0	79·3	80·0	80·5	80·8	80·0	81·2	81·4	81·2	81·0	80·8	80·3
	12	77·8	78·0	79·2	79·7	80·2	81·0	81·8	82·3	—	80·8	80·7	80·8
	13	78·8	73·0	73·8	—	—	—	—	—	—	—	—	—
	14	—	—	—	75·0	75·4	78·0	76·7	76·5	77·0	78·5	79·1	79·8
	15	78·2	76·4	77·8	78·8	79·9	77·3	82·8	79·8	—	79·7	82·3	84·2
	16	77·8	73·0	79·2	84·0	77·4	80·1	81·7	81·5	—	83·5	82·3	82·5
	17	79·2	79·2	79·2	79·5	80·4	81·0	81·4	84·1	81·2	80·2	80·4	80·5
	18	79·7	77·8	78·4	81·1	79·0	79·3	80·7	80·6	—	—	—	81·0
	19	77·5	78·5	79·0	80·1	81·3	81·5	81·3	80·3	80·1	80·0	80·0	80·2
	20	80·4	80·8	80·8	—	—	—	—	—	—	—	—	—
	21	—	—	—	75·8	79·1	79·8	81·4	80·0	79·2	78·7	79·2	79·6
	22	80·8	79·7	77·0	78·1	74·7	77·3	80·3	81·5	81·4	81·0	82·2	81·8
	23	79·9	80·6	77·4	79·7	—	80·1	80·4	81·0	—	80·7	86·7	82·0
	24	80·0	80·2	77·4	76·0	78·1	80·0	76·3	78·7	80·1	80·3	81·1	81·5
	25	80·0	78·7	77·6	75·3	79·7	79·8	82·0	81·5	80·9	80·8	81·3	80·9
	26	79·6	80·0	80·0	80·3	80·6	81·0	81·3	82·1	82·0	81·0	81·6	81·8
	27	79·8	79·7	79·2	—	—	—	—	—	—	—	—	—
	28	—	—	—	78·0	79·4	79·7	80·2	81·7	81·6	81·8	81·7	81·5
	29	79·5	78·6	80·1	79·0	79·2	79·8	80·5	81·6	81·7	86·0	83·7	82·9
	30	79·2	78·8	79·0	79·2	—	79·0	80·7	81·1	82·6	81·9	81·4	81·6
Hourly Means	79·03	78·28	78·46	78·86	79·52	79·62	81·04	81·12	81·29	81·07	81·50	81·30	

DECLINATION.												
Angular Value of one Scale Division of the Declinometer = 0'71. Increasing Numbers denote increasing Easterly Declination.												
12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div. 77.7	Sc. Div. 76.6	Sc. Div. 78.4	Sc. Div. 81.0	Sc. Div. 83.6	Sc. Div. 84.9	Sc. Div. 84.9	Sc. Div. 84.0	Sc. Div. 83.0	Sc. Div. 82.0	Sc. Div. 81.5	Sc. Div. 79.4	Sc. Div. 80.67
77.3	78.8	80.2	84.0	86.4	88.0	90.3	87.3	85.2	83.6	81.0	78.6	81.00
83.0	80.0	82.8	84.8	86.5	87.0	87.0	87.3	85.0	83.3	82.2	80.2	82.19
80.7	80.0	80.0	83.5	84.5	84.7	85.7	83.8	84.0	81.2	82.3	81.0	80.89
77.5	77.7	78.2	79.9	83.0	83.8	84.2	83.4	82.0	81.1	82.0	79.4	80.50
78.9	80.4	80.6	82.3	84.4	86.3	85.2	85.2	80.3	82.8	81.2	80.7	80.59
80.8	80.8	81.9	83.8	85.2	86.0	84.8	83.5	81.7	81.7	80.9	80.2	81.41
76.4	76.0	76.0	79.5	83.1	84.1	83.7	82.9	82.3	81.3	81.1	81.2	80.13
81.7	85.2	83.6	86.5	88.6	83.6	86.1	88.3	83.7	80.5	79.0	68.0	81.36
89.9	81.5	80.6	84.5	85.7	84.8	76.8	83.2	82.3	81.7	79.6	78.4	82.10
76.6	80.2	79.0	80.7	84.3	84.9	88.5	83.0	82.0	80.0	78.5	78.9	80.63
78.0	78.9	78.2	81.3	84.0	86.5	86.9	84.8	82.0	80.8	78.0	79.5	80.36
76.7	75.4	78.4	80.8	84.1	84.8	82.0	84.6	82.1	81.0	80.8	80.3	80.46
75.8	73.2	77.8	82.3	84.7	86.3	85.1	84.0	81.8	81.4	81.0	80.6	80.72
79.7	80.2	79.6	81.8	87.0	88.7	91.8	87.2	86.7	84.1	83.7	81.9	82.42
78.8	78.0	80.5	82.9	84.1	88.0	90.3	88.2	83.8	87.0	78.9	82.0	81.30
79.2	78.2	79.3	81.0	83.6	83.6	84.9	85.0	82.6	82.8	80.5	79.7	80.33
78.6	78.8	80.9	83.9	84.8	84.2	86.0	83.9	82.3	80.3	78.0	78.1	80.94
80.0	79.2	80.4	82.0	83.6	84.9	84.8	84.2	81.4	83.0	81.2	79.7	80.61
78.2	80.0	79.0	83.5	84.8	84.9	85.5	81.1	80.0	80.4	79.4	78.0	80.72
78.5	76.7	77.8	80.7	82.8	84.1	85.0	83.0	81.6	82.0	80.5	79.8	80.00
78.3	78.2	78.0	79.3	82.1	83.8	84.3	83.8	81.8	82.0	81.7	77.9	80.65
78.3	78.0	78.4	80.2	83.0	84.1	84.0	83.2	81.9	81.4	80.5	80.7	80.46
78.2	78.0	79.2	81.1	83.3	84.0	84.1	82.7	81.8	80.4	80.2	80.2	80.61
79.8	79.2	80.4	81.5	84.2	85.2	85.8	84.8	82.9	81.8	82.0	78.7	81.18
82.8	83.5	80.0	81.0	81.6	85.9	84.5	85.8	82.2	82.7	81.2	80.5	80.48
79.28	78.95	79.58	82.07	84.35	85.27	85.47	84.55	82.55	81.93	80.65	79.37	80.86
79.7	80.7	80.4	83.2	85.2	85.9	88.4	86.8	86.1	83.5	74.0	71.1	81.03
83.8	80.2	80.9	82.4	86.5	84.8	85.7	83.0	80.2	79.8	80.4	80.2	81.98
81.0	79.2	78.9	81.2	82.6	82.8	82.8	83.4	80.3	81.0	79.2	78.2	80.47
78.9	79.3	79.0	80.9	83.0	84.3	84.0	81.1	83.8	81.7	81.2	79.8	80.59
79.2	79.7	79.5	80.2	83.1	83.7	86.1	83.1	81.3	81.3	80.9	80.3	80.77
80.2	79.5	78.3	79.8	82.0	83.3	83.5	83.4	81.7	80.9	80.5	80.1	80.75
78.2	77.6	80.7	82.2	83.0	83.0	85.1	85.8	82.8	85.7	80.6	79.8	81.36
82.0	83.2	84.3	84.1	86.2	86.0	86.1	83.7	81.8	81.1	80.7	79.1	81.61
79.2	79.8	80.3	81.2	83.3	82.7	82.8	82.2	80.9	80.6	80.6	80.8	80.59
79.0	79.0	79.6	81.1	83.0	83.0	83.1	82.4	81.8	81.0	80.6	77.4	80.73
79.2	78.2	77.8	78.1	79.9	82.0	83.1	83.2	81.8	80.9	80.5	80.0	80.30
80.5	80.3	81.2	82.3	84.3	86.6	83.2	83.4	82.0	81.8	78.8	81.8	79.49
82.7	82.8	83.0	83.3	84.0	86.2	86.6	83.8	80.5	82.0	80.5	80.2	81.43
81.0	80.2	80.4	82.5	84.6	84.6	85.9	81.2	82.5	82.7	79.5	76.9	81.09
79.0	79.1	79.8	82.5	83.4	85.4	85.2	84.0	82.8	82.9	82.8	80.6	81.41
79.8	79.8	79.8	83.2	84.9	84.8	84.5	84.0	83.5	81.7	81.0	81.4	81.24
78.9	79.6	79.8	81.2	82.7	84.1	84.5	82.8	81.2	80.8	80.9	80.8	80.71
78.1	79.7	78.0	81.1	83.1	84.6	86.7	87.1	86.1	86.0	82.8	83.2	81.30
79.8	80.0	82.9	82.9	83.9	84.0	84.0	83.1	82.1	81.5	80.9	79.6	80.85
81.9	80.7	79.6	80.6	84.3	84.3	83.7	82.4	82.0	83.0	80.6	77.8	81.34
81.5	80.6	79.4	80.2	81.6	83.5	83.5	83.4	81.8	83.3	83.0	81.8	80.55
79.4	79.3	78.4	82.1	83.4	84.1	83.4	82.6	81.6	79.9	79.2	80.5	80.52
79.6	77.0	78.0	79.5	81.7	84.0	83.8	82.8	82.2	81.6	81.0	80.3	80.95
82.2	79.9	80.8	82.4	81.2	82.3	81.5	82.1	82.0	81.3	76.0	80.7	80.70
81.0	80.6	80.4	81.9	84.6	84.2	86.2	84.0	82.8	81.4	81.4	79.6	81.70
80.4	80.2	80.2	81.1	84.1	83.5	84.8	83.0	81.5	81.7	81.1	80.3	81.15
80.24	79.84	80.05	81.58	83.45	84.14	84.55	83.38	82.20	81.89	80.33	79.70	80.94

DECLINATION.													
Angular Value of one Scale Division of the Declinometer = 0'71. Increasing Numbers denote increasing Easterly Declination.													
Mean Götting- gen Time. }	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
JULY.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
	1	79·8	80·0	80·0	80·1	80·3	81·1	83·4	82·8	—	81·8	81·6	81·8
	2	75·8	78·8	73·5	79·7	80·4	81·0	80·0	80·1	81·0	81·8	82·5	82·9
	3	67·2	76·2	78·4	79·3	77·2	78·1	78·7	79·9	79·8	80·1	80·0	82·8
	4	77·0	61·0	73·6	—	—	—	—	—	—	—	—	—
	5	—	—	—	81·8	81·4	81·5	82·6	83·5	83·0	81·3	84·1	85·2
	6	63·3	79·4	76·6	76·9	—	82·3	85·8	84·8	82·6	82·0	81·8	83·4
	7	77·8	79·8	74·0	75·2	81·7	80·7	81·9	81·8	81·8	81·7	80·5	80·7
	8	78·6	78·0	79·7	79·8	80·2	81·0	81·7	81·8	83·0	81·0	81·6	81·9
	9	78·8	79·7	80·0	80·2	80·2	80·4	81·4	81·8	81·4	80·8	80·4	80·1
	10	78·8	78·8	78·0	78·2	79·7	79·3	80·5	82·0	—	81·3	81·8	81·3
	11	83·0	76·1	69·3	—	—	—	—	—	—	—	—	—
	12	—	—	—	—	76·5	75·6	79·3	81·8	81·0	80·7	81·7	84·4
	13	79·2	78·7	78·9	80·8	—	73·6	75·2	73·9	79·5	81·7	85·0	80·2
	14	79·2	79·0	77·9	79·8	—	81·6	81·4	81·3	81·2	80·5	82·2	81·8
	15	80·4	79·8	80·0	79·8	85·3	79·0	80·8	81·5	80·4	80·6	80·6	79·8
	16	73·4	72·2	80·5	79·0	78·4	80·2	80·8	80·3	80·7	81·0	80·8	81·0
	17	81·1	80·9	80·8	79·8	82·0	83·6	83·2	84·3	80·6	79·8	80·3	80·0
	18	81·0	80·2	80·4	—	—	—	—	—	—	—	—	—
	19	—	—	—	77·0	78·9	75·9	80·8	81·1	—	80·9	81·3	81·4
	20	80·2	80·7	80·1	79·7	80·0	79·8	80·4	81·1	81·1	81·3	83·7	82·6
	21	80·3	79·2	78·6	79·0	80·0	80·3	80·6	80·6	80·9	80·9	81·0	80·2
	22	80·1	79·7	79·7	79·0	78·1	79·5	80·7	76·9	79·8	81·2	81·0	80·8
	23	88·1	79·6	78·5	67·5	72·8	77·5	78·2	79·4	80·0	80·0	81·3	80·2
	24	80·6	80·2	80·1	80·7	80·4	80·1	80·0	78·0	75·8	78·9	82·4	83·3
	25	80·0	80·2	77·8	—	—	—	—	—	—	—	—	—
	26	—	—	—	79·9	80·2	80·8	81·0	81·3	83·0	82·7	83·9	82·3
	27	80·3	79·8	78·4	76·2	78·3	79·6	81·9	85·8	—	83·0	82·8	81·8
	28	80·4	80·3	80·6	80·3	81·0	81·7	82·0	81·6	81·4	81·1	81·0	82·8
	29	80·0	76·2	72·0	70·0	66·2	68·0	73·5	74·7	—	80·2	81·3	82·7
	30	66·6	75·9	80·4	80·0	79·8	78·8	81·5	82·7	80·0	84·2	92·9	83·6
31	79·2	84·0	80·9	78·9	77·6	82·3	77·4	77·9	80·2	83·7	83·2	86·6	
Hourly Means	78·16	78·31	78·10	78·41	79·02	79·34	80·54	80·85	80·83	81·27	82·25	82·06	
AUGUST.	1	80·1	80·0	73·2	—	—	—	—	—	—	—	—	
	2	—	—	—	80·1	80·5	85·0	82·8	81·9	82·0	81·8	85·3	84·1
	3	80·5	80·3	75·5	81·0	80·4	82·6	81·8	85·0	82·7	82·2	82·0	83·5
	4	80·9	80·7	79·5	80·0	81·0	80·8	81·0	81·2	—	81·9	82·4	82·0
	5	80·7	80·8	80·8	80·7	79·5	80·0	81·5	81·5	82·7	82·3	81·5	82·8
	6	80·4	78·2	79·0	79·4	77·8	78·6	78·3	78·1	—	80·0	80·8	79·0
	7	78·9	70·6	77·4	73·8	77·5	81·8	77·5	83·1	82·5	92·5	83·7	84·2
	8	75·2	80·2	76·4	—	—	—	—	—	—	—	—	—
	9	—	—	—	79·6	76·6	81·7	80·1	80·4	81·2	82·6	83·0	81·9
	10	78·5	76·0	74·3	80·2	81·2	80·8	79·6	78·0	80·0	83·9	83·0	82·9
	11	80·7	79·3	79·0	78·7	80·0	81·4	81·8	80·6	80·4	81·4	83·3	81·5
	12	81·1	80·0	75·7	73·0	66·2	66·8	71·0	78·8	—	80·8	85·5	84·3
	13	82·8	73·0	75·8	72·5	78·0	77·4	77·6	79·3	76·6	79·5	80·8	80·8
	14	80·5	79·8	78·2	75·0	73·5	70·0	79·0	79·5	79·1	87·0	82·0	79·5
	15	73·8	82·5	76·8	—	—	—	—	—	—	—	—	—
	16	—	—	—	78·2	78·0	77·8	78·3	80·0	82·2	80·7	82·1	86·1
	17	80·0	80·2	80·5	80·7	80·0	79·1	82·1	80·2	80·2	80·2	80·0	78·4
	18	80·5	79·0	80·0	80·2	76·8	78·9	83·3	79·9	79·3	80·4	81·2	80·2
	19	77·6	79·1	78·2	79·0	79·2	78·0	76·2	78·7	79·2	80·7	81·0	79·0
	20	80·6	79·6	78·2	75·0	—	79·2	80·0	79·2	81·0	80·0	81·3	81·6
	21	81·0	73·7	78·8	77·7	—	79·5	81·4	79·7	79·6	84·0	81·0	80·9
	22	80·7	77·5	76·8	—	—	—	—	—	—	—	—	—
	23	—	—	—	80·0	80·3	82·0	82·2	81·3	81·9	80·6	83·2	81·3
	24	80·0	78·0	79·1	80·8	78·8	83·5	79·9	79·9	84·0	82·2	84·0	84·2
	25	80·6	77·9	78·1	77·1	—	78·5	78·7	84·2	84·3	81·3	82·0	81·2
	26	79·4	79·2	79·7	78·9	—	80·6	81·8	81·3	—	83·7	82·1	82·1
	27	78·7	79·1	80·0	79·8	80·4	81·0	80·9	77·9	81·0	86·2	88·0	86·8
	28	77·8	78·5	76·3	78·5	79·0	79·7	82·6	81·4	79·9	82·0	86·8	99·3
	29	79·0	78·9	75·3	—	—	—	—	—	—	—	—	—
	30	—	—	—	78·1	76·4	83·8	88·8	82·3	82·7	83·0	83·5	81·0
	31	80·0	79·8	79·2	81·3	80·8	81·2	81·0	81·3	82·0	81·8	81·5	78·9
Hourly Means	79·62	78·53	77·76	78·43	78·27	79·60	80·08	80·57	81·11	82·41	82·73	82·60	

DECLINATION.

Angular Value of one Scale Division of the Declinometer = 0'.71. Increasing Numbers denote increasing Easterly Declination.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
81°0	80°0	78°2	78°6	82°7	83°2	84°6	85°1	84°0	84°1	81°3	73°6	81°26
83°7	83°5	80°7	82°1	83°9	86°9	86°6	86°2	88°4	85°2	83°2	85°7	82°23
80°8	79°4	79°2	83°0	82°6	84°3	86°3	81°3	82°9	84°7	82°3	79°0	80°15
—	—	—	—	—	—	—	—	—	—	—	—	—
83°3	79°9	80°5	80°5	83°8	84°7	84°0	83°0	82°5	78°7	81°3	76°9	80°63
83°2	83°0	84°0	83°2	82°9	84°1	83°5	78°2	80°0	80°9	80°0	79°9	80°95
81°9	83°0	83°0	82°1	84°3	82°4	84°4	83°0	80°9	80°3	80°2	80°3	80°98
78°9	78°4	79°3	81°0	83°8	84°9	85°4	85°0	82°1	81°4	80°8	79°1	81°18
79°9	80°0	80°8	81°4	82°7	85°0	85°6	79°8	83°9	78°0	81°0	80°7	81°00
80°2	80°8	80°2	82°1	82°4	84°6	84°9	85°3	81°5	81°9	85°5	81°8	81°34
—	—	—	—	—	—	—	—	—	—	—	—	—
83°4	82°1	83°3	85°3	84°8	85°7	85°0	85°5	81°9	70°7	82°0	79°9	80°83
81°0	80°6	81°7	80°1	85°2	83°7	86°2	85°8	84°2	77°1	69°8	81°0	80°13
80°6	79°3	80°7	82°2	85°9	83°4	88°6	84°9	86°1	83°2	82°8	80°2	81°90
79°6	79°5	80°8	82°8	86°0	83°3	84°5	80°4	82°0	81°1	80°6	80°5	81°21
80°9	81°0	80°5	79°9	82°5	83°9	84°5	84°1	83°7	79°3	79°1	79°9	80°32
80°4	80°2	79°8	82°2	82°9	84°1	84°4	83°2	82°2	83°7	79°0	82°0	81°65
—	—	—	—	—	—	—	—	—	—	—	—	—
79°8	79°4	79°0	80°2	81°7	85°8	83°2	85°4	76°7	82°3	82°3	81°0	80°68
81°8	80°0	79°0	78°4	81°8	84°3	86°2	81°4	82°0	82°4	82°6	79°5	81°25
79°2	78°2	78°4	80°3	83°4	85°5	88°5	87°6	85°2	84°5	81°2	80°8	81°43
80°0	78°5	78°9	80°1	82°8	83°2	84°7	84°8	84°0	85°1	87°1	84°8	81°27
79°5	80°5	79°0	80°5	82°8	83°7	83°0	82°2	81°3	80°8	80°8	80°8	79°92
80°7	80°7	80°3	80°4	84°1	83°5	84°6	83°1	83°7	82°0	80°3	80°9	81°03
—	—	—	—	—	—	—	—	—	—	—	—	—
81°4	81°8	80°0	81°7	84°0	84°4	84°3	83°0	83°4	81°2	82°3	80°9	81°73
80°2	80°0	81°0	83°7	84°2	83°2	84°0	80°6	81°4	74°2	80°8	80°8	80°96
82°2	80°4	80°1	81°2	83°4	84°4	84°6	84°3	82°6	82°2	82°0	80°9	81°77
81°2	83°1	83°2	82°5	83°9	84°2	84°8	83°2	82°7	81°2	81°8	80°0	78°98
86°6	87°3	84°5	85°8	83°3	85°2	85°0	79°4	82°0	80°5	80°2	80°0	81°92
84°6	84°1	82°7	81°4	82°7	84°5	83°0	81°0	82°5	71°9	79°8	80°7	81°28
81°33	80°91	80°70	81°59	83°50	84°30	84°98	83°21	82°73	80°69	81°11	80°43	81°04
—	—	—	—	—	—	—	—	—	—	—	—	—
81°0	78°4	78°8	79°5	82°0	85°0	86°0	80°0	81°5	78°8	77°0	79°7	81°02
82°0	81°2	81°2	80°8	82°6	83°3	83°9	83°4	81°7	81°7	—	78°1	81°63
80°5	78°9	78°3	80°7	82°8	83°4	83°3	84°0	82°8	82°5	81°4	81°0	81°35
82°1	80°2	80°4	80°9	82°0	84°9	84°1	83°7	85°8	85°2	83°7	83°6	82°14
79°2	77°4	79°8	84°2	90°3	83°6	85°0	86°0	91°0	64°1	85°5	75°5	80°49
82°4	80°2	77°3	80°1	85°0	80°2	88°5	76°2	82°3	82°8	76°8	62°2	79°90
—	—	—	—	—	—	—	—	—	—	—	—	—
81°2	81°0	82°0	80°2	83°1	85°7	82°3	86°0	85°0	76°6	82°1	82°2	81°10
82°6	83°7	82°0	81°5	83°2	84°8	83°2	81°8	84°8	82°0	81°8	81°8	81°32
79°8	79°0	78°2	79°0	80°9	82°9	86°0	86°2	83°3	82°6	82°2	81°0	81°22
84°0	78°9	77°7	79°8	81°1	84°7	86°0	88°1	87°9	88°4	81°6	84°0	80°23
80°6	80°4	80°1	80°9	82°8	85°5	88°7	89°0	89°3	89°0	83°8	81°0	81°05
79°8	79°6	80°2	83°0	87°7	86°0	90°0	87°7	80°5	86°5	81°6	75°6	80°89
—	—	—	—	—	—	—	—	—	—	—	—	—
80°5	80°2	79°8	81°8	85°1	88°1	91°3	93°2	87°2	82°0	80°4	83°4	82°06
78°9	77°8	79°0	81°7	83°2	86°0	86°9	86°4	84°7	83°2	83°6	75°0	81°17
78°9	79°0	80°7	83°8	85°7	85°2	84°8	84°2	83°6	82°0	82°5	76°2	81°10
78°6	77°3	77°8	81°0	83°8	84°8	86°2	83°4	83°2	82°3	81°3	81°4	80°29
80°5	79°5	80°2	80°3	82°0	83°8	86°6	84°7	83°4	83°6	82°8	81°9	81°09
79°6	78°8	77°8	80°0	81°8	85°2	87°8	88°7	86°5	83°6	82°4	81°0	81°33
—	—	—	—	—	—	—	—	—	—	—	—	—
80°0	78°3	78°4	78°8	81°3	83°7	84°2	85°1	83°5	82°3	81°5	80°9	81°07
85°0	82°3	80°0	79°1	82°3	84°7	87°9	84°6	83°1	82°2	81°0	73°2	81°66
81°6	81°1	80°3	82°1	84°0	84°0	86°3	85°8	83°7	82°8	81°2	81°6	81°23
79°2	77°7	79°0	81°0	84°0	84°0	85°5	85°5	80°0	82°0	79°3	81°7	81°26
82°0	79°2	77°6	78°9	79°8	84°0	86°9	86°8	86°0	87°6	82°0	81°9	82°19
85°8	81°2	78°9	79°0	80°4	83°4	85°0	83°7	82°8	81°7	76°0	76°5	81°51
—	—	—	—	—	—	—	—	—	—	—	—	—
77°9	75°6	76°0	78°0	82°0	84°6	86°8	81°2	82°9	82°6	77°8	75°7	80°29
77°7	75°9	75°7	79°3	83°5	84°7	85°3	84°2	82°4	81°7	81°3	81°0	80°90
80°82	79°34	79°12	80°59	83°17	84°47	86°10	84°98	84°19	82°30	81°22	79°12	81°15

DECLINATION.													
Angular Value of one Scale Division of the Declinometer = 0'.71. Increasing Numbers denote increasing Easterly Declination.													
Mean Göttingen Time. } }	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
SEPTEMBER.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
	1	80.4	79.4	77.6	76.0	78.3	79.8	80.0	80.8	80.2	80.7	81.0	79.0
	2	80.9	80.4	80.8	80.8	80.8	81.0	81.0	81.2	81.5	81.3	81.2	79.8
	3	80.8	80.2	80.2	80.5	81.0	81.2	81.0	81.4	81.4	81.0	80.0	78.3
	4	69.8	68.4	76.9	77.1	79.3	79.5	81.8	82.4	80.8	80.9	81.2	81.5
	5	76.5	75.0	64.8	—	—	—	—	—	—	—	—	—
	6	—	—	—	80.7	77.3	78.8	80.2	81.2	80.3	82.9	82.1	79.7
	7	81.2	80.0	80.0	77.3	78.2	79.8	80.0	79.8	—	80.0	80.0	78.9
	8	79.2	76.0	73.3	71.0	74.8	58.2	69.0	77.0	80.0	78.4	83.3	80.2
	9	79.1	79.5	78.8	76.3	76.3	72.2	74.5	74.5	77.3	79.1	80.2	79.8
	10	81.2	80.0	77.6	76.1	75.6	71.4	73.8	72.4	75.1	75.2	76.2	76.1
	11	78.0	77.0	72.2	79.9	79.3	80.7	89.0	74.8	79.6	81.2	81.6	81.2
	12	78.8	72.8	77.2	—	—	—	—	—	—	—	—	—
	13	—	—	—	82.5	80.3	80.2	80.6	81.0	79.7	79.3	80.9	80.1
	14	79.1	77.4	73.0	74.0	74.2	80.6	79.2	78.6	80.7	80.5	81.1	79.6
	15	79.1	76.4	79.2	77.2	76.3	78.2	80.0	80.5	80.2	80.3	80.0	80.0
	16	80.2	82.8	79.8	76.3	79.5	80.0	80.9	80.9	80.8	80.1	80.5	79.5
	17	75.5	73.6	77.5	78.4	81.3	80.7	79.6	83.7	82.0	81.7	79.5	76.0
	18	79.6	76.0	79.1	79.0	79.9	80.0	80.0	79.8	79.7	80.0	79.6	75.5
	19	80.0	75.4	75.7	—	—	—	—	—	—	—	—	—
	20	—	—	—	79.0	80.2	80.4	80.2	80.7	81.0	81.0	80.3	77.5
	21	80.4	80.0	80.7	79.8	—	79.4	78.8	78.0	85.3	82.2	80.5	79.7
	22	71.5	65.8	36.9	48.4	59.5	58.0	41.3	75.3	72.3	69.8	76.0	81.0
	23	82.2	80.8	80.0	80.0	80.2	80.0	80.0	79.2	79.8	81.7	77.9	73.0
	24	77.8	80.5	80.2	80.4	80.0	80.6	81.2	88.2	84.0	82.0	87.0	80.0
	25	79.9	79.7	79.2	78.7	79.5	85.0	78.8	81.4	80.8	80.2	77.6	76.6
	26	78.2	81.2	78.2	—	—	—	—	—	—	—	—	—
	27	—	—	—	80.2	80.5	81.4	82.0	82.0	81.1	80.6	82.0	79.3
	28	80.0	80.4	79.8	78.9	—	—	—	—	82.1	81.8	81.0	78.8
	29	81.5	81.1	80.8	80.3	80.4	80.8	81.0	83.9	83.5	83.2	82.0	78.2
	30	78.8	78.1	78.6	78.8	79.8	80.0	80.0	80.5	80.9	84.2	84.0	83.0
Hourly Means	78.83	77.61	76.08	77.21	78.02	77.92	78.16	79.97	80.40	80.36	80.64	78.93	
OCTOBER.	1	80.0	79.2	78.4	77.8	77.2	78.5	81.0	78.6	85.1	80.2	78.1	75.7
	2	70.1	75.0	71.8	73.9	—	—	82.4	79.8	—	84.2	83.8	83.3
	3	78.6	80.0	80.0	—	—	—	—	—	—	—	—	—
	4	—	—	—	80.3	79.9	81.8	80.0	80.1	80.2	80.0	77.4	74.3
	5	81.1	80.1	79.1	72.8	76.2	78.0	81.0	80.8	80.8	80.2	77.5	74.7
	6	79.8	78.8	79.1	75.2	75.8	76.2	77.7	78.7	78.0	79.1	76.5	73.9
	7	79.2	79.2	79.8	80.7	71.8	74.2	70.0	78.6	79.6	82.1	82.3	74.2
	8	81.5	78.2	70.0	65.9	58.4	81.2	81.3	76.3	—	79.7	78.3	75.2
	9	79.5	79.4	78.3	79.5	79.2	78.7	79.6	83.7	77.1	77.0	74.8	74.0
	10	69.2	65.8	60.7	—	—	—	—	—	—	—	—	—
	11	—	—	—	78.9	72.1	76.6	77.5	78.3	78.0	77.7	77.3	80.0
	12	80.0	83.0	71.1	71.9	77.1	78.0	78.8	80.0	79.7	80.0	76.3	74.0
	13	80.6	80.3	80.0	80.2	79.2	79.2	80.0	83.5	81.8	81.7	81.7	78.7
	14	80.2	79.2	78.1	80.0	80.0	80.0	79.8	79.3	—	78.2	75.3	73.3
	15	79.8	80.3	80.4	80.2	79.7	79.2	79.2	79.0	78.5	78.0	77.2	73.5
	16	80.2	79.2	79.4	79.9	80.0	80.0	80.3	80.2	79.0	78.0	77.2	75.0
	17	80.4	80.0	79.2	—	—	—	—	—	—	—	—	—
	18	—	—	—	77.8	77.9	78.0	80.4	83.2	80.7	78.2	75.5	74.0
	19	81.4	80.7	80.0	79.6	79.0	83.1	72.2	76.3	76.3	78.0	70.2	70.0
	20	80.2	79.3	77.1	77.1	76.8	86.6	81.1	79.4	79.0	78.6	77.4	74.8
	21	76.7	76.6	79.2	80.0	81.1	80.2	80.0	78.8	78.9	77.6	75.2	74.2
	22	80.0	79.0	74.7	76.1	76.3	86.8	88.7	83.5	78.7	75.4	76.2	75.2
	23	78.7	76.7	75.0	79.8	80.1	80.1	80.8	81.2	80.2	77.5	75.4	74.0
	24	80.5	79.9	79.9	—	—	—	—	—	—	—	—	—
	25	—	—	—	79.0	82.5	81.0	81.0	81.6	81.2	80.2	78.7	74.6
	26	79.8	76.9	78.0	81.0	80.0	81.0	82.9	80.6	80.2	80.0	77.8	75.2
	27	79.2	80.0	74.2	78.0	79.2	80.2	80.2	80.4	80.0	82.7	79.0	75.2
	28	80.2	79.2	79.1	80.3	79.3	80.2	82.0	82.3	79.2	76.9	74.2	72.8
	29	78.7	75.8	79.5	79.3	80.3	80.7	80.6	80.6	—	79.8	76.9	74.8
	30	74.8	76.8	72.3	82.8	79.6	79.8	79.2	79.9	78.3	79.0	74.2	72.2
	Hourly Means	78.86	78.41	76.71	78.00	77.55	79.96	79.91	80.18	79.57	79.23	79.09	74.88

DECLINATION.												
Angular value of One Scale Division of the Declinometer = 0''71. Increasing Numbers denote increasing Easterly Declination.												
12.	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .	21 ^h .	22 ^h .	23 ^h .	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
75.7	75.0	75.0	78.3	82.5	86.1	86.8	85.7	83.7	82.0	80.6	81.0	80.23
77.7	77.3	79.0	81.3	84.4	86.0	85.1	84.9	83.9	83.9	82.0	81.2	81.56
77.4	77.8	77.2	78.9	84.0	87.2	93.2	91.2	89.7	89.9	78.0	80.3	82.16
82.0	79.4	81.0	82.0	85.8	86.7	90.0	92.2	87.2	83.2	70.0	77.0	80.67
—	—	—	—	—	—	—	—	—	—	—	—	—
77.5	75.8	75.3	78.3	82.0	85.0	86.0	84.2	83.7	82.7	81.0	82.0	79.71
76.3	76.7	77.5	79.3	82.0	84.8	86.0	87.0	85.0	83.0	82.7	80.0	80.67
—	79.8	79.5	81.0	83.0	84.7	85.6	85.1	82.8	81.2	83.5	79.7	78.53
78.3	77.1	77.8	80.2	83.4	85.2	86.5	85.0	82.6	82.1	83.1	82.4	79.64
77.2	77.7	79.7	82.0	84.2	86.6	87.5	88.6	91.8	72.3	87.5	86.5	79.68
81.7	80.0	80.3	84.1	88.7	88.5	84.9	85.3	84.8	57.7	79.0	78.4	80.33
—	—	—	—	—	—	—	—	—	—	—	—	—
77.3	76.8	78.2	81.0	87.8	91.8	89.1	89.3	79.0	82.0	86.2	85.4	81.55
79.2	80.1	79.1	82.1	85.0	87.9	92.0	87.4	88.3	84.8	76.1	81.8	80.91
77.3	77.2	77.7	81.2	83.0	84.9	83.8	83.3	82.9	81.9	81.6	81.2	80.14
76.5	74.8	76.7	80.1	84.1	87.2	87.8	85.4	84.2	82.4	78.2	76.7	80.64
73.6	74.0	75.6	81.0	85.8	89.5	89.3	87.9	84.7	82.1	82.1	81.7	80.70
73.5	73.3	75.0	80.9	85.8	89.1	88.2	86.1	83.9	83.2	81.7	81.7	80.44
—	—	—	—	—	—	—	—	—	—	—	—	—
77.7	74.2	75.2	79.2	82.8	86.1	88.1	87.9	84.6	83.8	83.2	81.6	80.66
77.1	81.4	79.9	83.5	84.7	88.0	89.6	89.4	88.2	82.0	71.2	71.2	81.35
77.8	78.9	79.4	82.0	85.1	87.1	89.0	88.2	86.8	86.3	85.3	83.0	73.49
76.9	74.0	77.0	78.3	82.8	87.5	86.0	84.2	82.2	81.0	81.8	80.8	80.30
79.9	76.5	76.0	78.9	81.5	84.0	86.2	85.3	83.2	81.8	81.2	81.6	81.58
74.0	75.6	77.2	81.3	86.0	90.2	89.2	87.0	85.2	65.9	78.9	75.5	80.14
—	—	—	—	—	—	—	—	—	—	—	—	—
77.4	74.3	76.0	81.8	87.2	88.2	88.7	85.7	85.3	82.3	82.3	81.4	81.55
77.0	78.1	79.0	82.1	84.8	86.5	86.7	86.0	84.0	82.3	82.2	81.8	81.66
76.5	75.3	77.8	80.2	84.0	85.5	86.5	85.2	83.8	82.5	81.2	80.2	81.47
76.6	77.7	76.6	84.3	86.7	88.0	91.0	90.2	86.6	82.8	78.3	77.9	81.81
77.28	76.88	77.64	80.90	84.50	87.01	87.80	86.83	84.93	80.97	80.73	80.46	80.44
72.2	75.9	79.8	83.4	86.5	87.7	88.8	86.1	81.1	80.0	80.2	76.0	80.31
79.9	83.8	84.0	88.0	89.8	93.8	94.3	83.5	88.2	84.7	80.9	76.5	82.46
—	—	—	—	—	—	—	—	—	—	—	—	—
73.0	72.4	75.6	79.5	81.4	84.7	86.1	86.1	83.7	81.9	81.9	81.0	80.00
72.9	73.0	76.2	80.4	84.5	86.5	86.0	84.3	82.6	81.0	80.8	81.7	79.67
73.0	73.8	75.7	79.7	84.4	86.8	89.0	85.8	84.2	83.3	81.8	82.2	79.52
73.7	73.0	73.4	81.0	86.0	93.5	91.8	97.2	83.0	89.8	88.8	86.2	81.21
76.5	78.3	80.0	81.8	84.4	87.3	87.0	88.1	84.3	86.0	83.7	79.7	79.27
72.1	76.2	79.7	84.7	87.0	91.9	93.8	90.1	82.9	77.3	79.4	76.0	80.50
—	—	—	—	—	—	—	—	—	—	—	—	—
74.8	77.4	79.9	82.8	86.3	86.6	87.4	86.1	84.9	71.6	76.6	80.4	77.79
73.4	75.0	78.2	81.1	83.2	86.8	88.2	86.6	84.6	82.2	82.3	81.7	79.72
76.8	77.7	79.9	83.6	—	87.9	88.8	88.8	86.2	83.8	82.3	82.0	81.94
72.4	74.0	78.2	83.0	87.6	90.4	90.4	88.1	85.0	83.0	80.2	79.2	80.65
74.8	78.8	79.8	84.2	87.5	90.1	90.2	89.0	85.9	82.8	80.8	81.3	81.26
74.0	75.5	77.4	81.8	86.1	88.9	88.0	86.6	84.4	82.6	81.5	81.0	80.67
—	—	—	—	—	—	—	—	—	—	—	—	—
73.5	75.3	78.5	81.7	86.8	89.2	89.0	86.8	84.4	83.0	82.4	81.9	80.74
76.6	76.2	80.0	84.8	86.4	90.8	90.2	88.3	87.6	86.0	85.2	82.0	80.87
75.4	77.0	81.9	85.2	89.0	89.2	89.6	86.9	84.1	82.5	81.8	80.7	81.28
75.1	75.6	77.9	80.1	86.8	90.2	90.1	89.4	85.2	82.2	68.2	76.9	79.80
73.2	78.0	79.0	83.6	86.5	87.3	87.2	86.1	80.8	76.5	74.0	77.0	79.98
74.2	76.0	79.1	83.8	87.0	90.4	89.8	88.2	85.4	83.0	82.0	81.0	80.81
—	—	—	—	—	—	—	—	—	—	—	—	—
76.5	75.8	77.3	79.5	84.2	88.0	88.3	86.5	83.8	81.6	81.5	81.2	81.01
74.0	75.7	78.0	81.2	84.6	88.7	87.9	85.7	83.5	80.9	80.2	79.3	80.55
75.2	74.7	78.0	82.0	85.3	88.7	89.0	86.2	84.7	82.2	81.3	80.6	80.67
71.8	75.1	78.7	82.2	86.8	87.2	86.8	84.2	80.8	80.1	78.5	79.7	79.90
75.3	76.5	79.0	82.8	86.3	88.3	87.2	85.6	85.3	83.1	81.8	80.4	80.81
72.1	75.5	77.5	82.1	86.8	87.4	86.3	84.4	83.7	82.2	79.0	79.6	79.40
74.32	76.01	78.57	82.46	86.05	88.78	88.89	87.07	84.24	82.05	80.66	80.20	80.40

DECLINATION.													
Angular Value of one Scale Division of the Declinometer = 0' 71. Increasing Numbers denote increasing Easterly Declination.													
Mean Göttingen Time. } Oct. 31	0 ^h .	1 ^h .	2 ^h .	3 ^h .	4 ^h .	5 ^h .	6 ^h .	7 ^h .	8 ^h .	9 ^h .	10 ^h .	11 ^h .	
	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
1	72'5	76'8	80'1	—	77'9	78'9	77'5	77'3	75'6	75'0	74'5	75'8	74'8
2	81'5	74'4	70'8	73'8	73'8	73'8	73'7	78'6	76'8	78'5	79'1	76'5	76'5
3	78'7	73'0	78'8	81'2	78'1	79'3	79'2	78'8	78'6	77'1	72'3	74'1	74'1
4	80'8	80'9	80'8	80'8	—	80'2	80'3	80'1	79'2	77'2	73'8	71'7	71'7
5	79'3	79'8	79'8	77'8	—	80'2	81'4	81'2	79'3	80'0	75'6	73'2	73'2
6	81'0	77'0	79'1	80'2	80'2	80'2	80'0	79'8	80'0	80'2	74'0	71'7	71'7
7	81'2	80'5	80'2	—	—	—	—	—	—	—	—	—	—
8	—	—	—	78'7	78'8	79'0	79'2	78'2	79'2	80'0	76'1	74'3	74'3
9	80'1	80'4	79'2	78'9	78'8	79'0	79'2	78'7	77'7	74'8	73'2	72'2	72'2
10	77'2	78'0	79'0	79'7	79'3	78'9	78'5	78'1	76'6	74'3	72'0	69'8	69'8
11	81'4	80'8	80'2	80'7	80'5	79'7	78'6	76'3	77'7	78'5	77'7	74'3	74'3
12	80'8	80'3	80'2	80'0	80'2	80'0	80'0	80'2	79'0	76'7	73'1	73'0	73'0
13	81'0	80'9	80'7	80'2	78'8	78'9	80'0	81'2	—	75'5	76'2	76'0	76'0
14	78'4	79'8	79'8	—	—	—	—	—	—	—	—	—	—
15	—	—	—	79'8	79'4	79'2	79'1	78'9	77'8	76'0	74'0	74'1	74'1
16	81'0	81'0	79'1	79'0	79'4	80'0	79'3	78'5	76'8	77'2	72'2	72'2	72'2
17	80'8	80'1	76'8	75'7	78'5	78'8	76'6	72'2	70'8	68'0	71'4	71'1	71'1
18	78'3	81'2	81'3	81'8	84'2	82'2	81'2	80'2	78'9	77'7	76'0	74'4	74'4
19	81'0	81'7	81'3	81'1	80'9	82'1	80'8	80'8	77'9	79'5	71'8	70'2	70'2
20	77'2	78'0	77'1	81'2	80'8	81'2	81'0	83'8	79'7	76'0	74'0	72'3	72'3
21	79'2	76'1	78'8	—	—	—	—	—	—	—	—	—	—
22	—	—	—	80'7	81'1	81'9	81'1	80'0	78'0	75'8	73'9	71'6	71'6
23	78'7	79'3	80'5	81'3	—	81'5	81'8	80'3	79'0	77'5	75'3	74'0	74'0
24	81'3	78'7	80'0	81'2	81'1	81'0	81'1	81'1	—	78'2	75'9	74'1	74'1
25	81'0	80'8	80'7	80'8	80'8	81'0	81'8	80'8	78'0	76'6	74'4	72'7	72'7
26	82'3	80'2	77'8	74'0	—	73'8	75'0	72'2	78'9	69'0	70'4	74'8	74'8
27	81'8	77'2	75'4	73'0	77'7	78'0	80'2	81'1	76'3	75'2	71'4	71'9	71'9
28	79'7	82'1	82'0	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	80'1	80'4	82'1	81'0	78'8	75'4	72'0	74'0	74'0
30	78'6	77'5	80'2	83'0	78'0	79'1	80'0	80'0	77'2	76'5	71'2	70'1	70'1
Hourly Means	79'80	79'10	79'22	79'30	79'52	79'50	79'56	79'14	77'80	76'38	73'95	73'04	73'04
1	79'8	79'2	82'2	79'3	80'2	79'9	80'6	82'2	78'0	75'3	71'8	69'8	69'8
2	79'0	79'0	76'0	79'8	80'8	80'0	80'2	79'3	77'8	74'2	71'7	71'0	71'0
3	80'8	79'6	77'6	79'3	80'9	80'1	80'3	78'8	—	73'0	71'3	70'2	70'2
4	73'2	73'5	75'0	77'1	76'8	72'2	76'7	80'0	76'0	74'8	72'2	70'0	70'0
5	81'0	80'6	80'8	—	—	—	—	—	—	—	—	—	—
6	—	—	—	79'2	79'5	82'0	80'0	81'0	78'7	77'7	74'6	72'1	72'1
7	80'9	79'0	80'0	80'5	80'2	80'3	80'5	81'9	79'2	80'0	75'0	72'7	72'7
8	81'0	79'8	80'2	80'2	80'1	80'1	80'0	79'8	78'0	75'5	73'0	69'3	69'3
9	81'8	81'2	80'0	79'8	78'8	79'0	78'4	76'8	75'4	73'0	75'0	71'0	71'0
10	82'1	77'2	80'0	78'6	—	82'0	82'3	77'5	76'0	75'0	75'2	75'2	75'2
11	81'5	78'2	80'2	75'3	77'2	77'3	77'5	77'7	—	76'6	76'0	73'1	73'1
12	80'8	81'6	80'0	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	80'7	79'3	79'9	79'0	78'8	77'0	72'8	67'8	67'8
14	81'2	80'2	79'9	80'5	80'6	80'4	80'8	77'8	76'5	75'8	71'0	71'8	71'8
15	80'5	81'0	80'8	80'6	80'5	80'0	79'8	79'0	75'9	72'8	70'1	70'1	70'1
16	81'0	81'3	81'0	81'2	81'7	81'8	81'2	79'8	78'8	77'4	74'2	73'2	73'2
17	80'6	80'9	81'6	81'6	81'2	81'4	81'4	80'6	79'0	76'0	73'0	72'0	72'0
18	81'1	81'0	79'9	78'9	80'2	81'0	81'0	83'0	77'7	74'9	75'7	72'1	72'1
19	80'4	80'6	80'9	—	—	—	—	—	—	—	—	—	—
20	—	—	—	81'0	80'5	80'6	80'4	80'0	77'8	75'4	73'0	70'0	70'0
21	81'0	80'2	79'0	80'4	81'0	80'4	80'4	79'7	78'0	75'6	71'9	69'6	69'6
22	80'9	80'8	80'0	81'2	80'5	80'1	79'9	79'1	—	76'8	72'7	69'1	69'1
23	82'5	81'6	82'2	78'1	75'5	73'0	78'2	79'0	77'7	77'0	70'8	73'1	73'1
24	80'2	78'8	78'8	—	—	—	—	—	—	—	—	—	—
25	—	—	—	79'5	78'8	73'8	77'6	77'8	77'8	77'7	74'8	70'0	70'0
26	78'4	80'4	77'0	—	—	—	—	—	—	—	—	—	—
27	—	—	—	77'8	78'2	81'5	80'0	76'3	75'7	72'5	70'0	68'2	68'2
28	82'0	81'3	76'4	77'8	77'4	80'7	81'6	78'8	77'4	76'2	74'7	73'7	73'7
29	81'2	81'4	81'1	80'6	80'8	81'9	80'4	79'4	76'8	74'3	70'2	70'2	70'2
30	80'7	80'9	81'1	81'4	81'7	80'1	80'0	78'9	77'8	75'0	72'8	72'7	72'7
31	81'1	80'9	81'1	80'8	79'9	79'9	79'5	79'1	77'2	73'8	72'8	71'7	71'7
Hourly Means	80'57	80'01	79'72	79'62	79'75	79'57	79'95	79'32	77'48	75'51	72'93	71'14	71'14

* Christmas Day.

DECLINATION.												
Angular Value of one Scale Division of the Declinometer = 0'.71. Increasing Numbers denote increasing Easterly Declination.												
12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
74.7	76.7	81.2	86.2	90.0	90.2	89.7	87.0	85.0	83.4	82.6	81.7	80.21
74.0	75.8	79.1	83.9	88.7	88.7	86.8	86.0	83.5	79.6	75.8	78.2	78.81
71.5	74.8	78.6	84.2	88.8	89.6	86.7	84.2	82.2	81.0	80.9	81.2	79.70
71.0	71.0	74.8	81.2	87.4	91.1	89.9	86.8	83.0	83.8	82.5	81.2	80.41
72.5	74.6	78.4	84.0	89.5	91.7	89.2	87.0	84.7	83.0	82.2	81.7	81.13
71.6	71.8	74.6	81.0	86.9	91.2	90.7	89.2	86.8	84.1	83.0	81.2	80.65
75.2	76.6	79.6	84.3	89.0	89.8	88.4	87.0	84.9	82.8	81.8	79.8	81.02
72.4	74.4	78.3	82.8	86.7	88.3	88.0	87.2	85.7	83.8	82.2	80.9	80.12
71.0	73.5	78.9	84.2	88.4	88.6	87.9	86.4	85.4	84.1	83.3	82.3	79.81
73.8	74.1	79.9	85.6	90.5	91.2	87.6	87.2	82.0	81.0	81.2	81.2	80.90
74.0	75.8	80.0	85.5	91.0	82.0	90.2	87.8	85.3	83.0	82.0	81.3	81.31
73.8	76.1	81.0	85.0	90.5	91.1	89.2	86.7	83.7	82.1	81.8	70.9	80.93
74.7	76.8	79.2	82.8	86.9	88.0	87.0	86.0	85.0	82.5	82.0	81.5	80.36
72.8	75.2	79.0	83.3	88.8	92.1	90.8	89.6	86.2	83.7	82.1	81.5	80.87
70.8	76.6	81.9	85.9	91.2	92.8	94.5	95.1	87.8	84.0	79.8	72.8	79.75
73.3	76.3	80.4	84.1	86.2	86.5	84.7	81.3	80.2	80.4	80.3	80.0	80.46
71.7	75.2	80.5	84.1	86.9	89.1	88.5	86.3	84.3	82.1	81.3	80.1	80.80
73.6	74.4	78.4	82.6	86.2	89.8	88.8	86.2	84.7	82.4	82.5	81.3	80.55
70.8	75.7	81.0	84.2	88.5	88.9	88.0	86.2	83.8	82.1	81.3	80.9	80.40
74.9	77.3	82.6	87.1	91.2	91.3	88.8	86.5	83.5	81.8	81.0	81.2	81.58
72.3	75.0	80.2	86.2	89.9	91.8	89.9	86.6	83.4	81.8	81.2	81.2	81.44
72.3	75.4	80.2	83.7	87.2	87.7	87.1	85.3	84.0	83.0	82.6	82.2	80.84
81.6	78.4	80.7	83.8	86.9	86.7	83.2	87.3	81.3	85.0	83.2	83.0	79.76
73.5	77.0	79.3	83.7	85.2	85.7	85.5	83.6	83.7	79.3	76.3	77.5	78.73
73.2	77.5	83.2	89.2	93.3	92.5	89.8	87.0	85.4	82.0	81.9	80.2	81.86
70.0	74.3	80.2	86.2	91.0	90.1	90.0	88.0	84.3	83.0	81.7	79.5	80.40
73.12	75.40	79.66	84.42	88.72	89.87	88.69	86.83	84.22	82.49	81.40	80.17	80.49
72.2	75.1	78.8	84.4	87.3	88.7	86.5	85.8	82.0	81.7	81.1	76.1	79.92
73.4	79.2	84.8	88.0	90.3	89.8	87.8	85.0	83.0	81.6	80.6	80.8	80.55
70.6	74.2	80.2	84.8	88.2	88.5	89.2	88.8	86.8	82.7	83.1	80.0	80.39
71.0	76.8	82.0	88.1	92.0	91.8	91.2	90.0	87.4	84.4	82.5	81.3	79.83
70.3	73.1	79.2	85.2	88.1	90.0	89.8	88.3	85.5	82.8	81.1	81.8	80.93
71.0	74.0	78.8	84.1	87.8	88.8	88.2	85.0	83.8	82.2	81.2	81.2	80.68
71.8	74.0	80.2	86.3	91.5	92.2	90.8	88.4	87.0	84.8	83.9	83.0	81.29
69.3	73.2	82.4	84.8	87.2	88.5	89.7	88.1	85.5	84.5	83.4	82.0	80.37
76.2	78.8	80.4	84.2	87.2	87.9	87.9	87.6	85.4	83.0	81.2	79.8	80.90
73.0	73.2	79.1	83.1	85.8	86.2	86.2	86.7	—	83.8	82.8	81.1	79.62
69.8	74.0	77.2	81.3	83.8	84.8	85.1	82.9	80.9	79.9	80.1	81.3	79.08
73.9	78.0	82.8	85.6	88.0	88.2	85.8	84.2	80.8	80.8	80.2	80.2	80.21
70.4	77.6	81.2	86.2	87.2	86.2	85.0	82.2	81.3	80.8	81.0	81.8	79.67
73.8	78.2	82.0	88.0	91.0	89.1	86.0	83.8	81.3	80.0	80.0	80.3	81.09
71.6	77.0	83.7	86.2	92.0	92.6	89.8	86.0	83.2	81.8	80.8	81.2	81.47
71.6	75.9	80.8	87.8	93.0	93.8	91.3	88.1	83.1	81.6	81.0	80.6	81.46
71.3	74.8	80.0	85.5	91.4	93.2	91.3	88.4	85.8	82.8	81.9	81.9	81.20
67.3	71.8	78.4	84.2	89.8	91.0	88.8	86.2	83.2	81.6	81.5	81.2	80.09
69.0	74.2	78.7	86.5	91.2	93.6	93.4	90.1	86.5	85.4	83.0	83.8	81.59
73.0	75.1	77.9	83.4	87.3	87.2	86.2	86.1	83.8	83.2	81.3	80.0	79.72
70.4	72.2	76.6	80.2	84.6	89.3	88.5	85.6	82.5	81.4	79.6	80.9	79.06
70.2	76.0	81.4	86.2	89.8	88.7	86.8	83.2	81.7	81.3	82.7	80.3	79.35
76.0	80.3	84.1	87.0	89.1	89.1	86.5	85.0	82.2	81.9	81.9	79.5	80.86
72.6	75.7	81.6	85.1	88.2	89.4	86.4	82.4	79.6	78.8	80.2	81.0	79.97
74.2	78.0	81.7	85.3	89.0	90.0	86.7	84.3	84.0	82.8	81.6	81.4	80.92
72.1	77.0	81.0	85.2	90.6	92.0	89.1	86.2	83.1	80.8	80.2	80.6	80.65
71.77	75.67	80.58	85.26	88.90	89.64	88.23	86.09	83.58	82.17	81.46	80.89	80.42

HORIZONTAL FORCE.												
One Scale Division = '000229 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.												
Mean Göttingen Time. } JANUARY.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.
	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
1	109'9	109'7	109'3	109'8	110'0	110'0	112'2	110'4	111'1	111'1	110'8	109'6
2	113'6	112'4	113'0	112'4	—	113'8	115'0	114'8	115'5	116'1	114'6	111'9
3	116'5	117'0	116'7	—	—	—	—	—	—	—	—	—
4	—	—	—	116'0	117'0	115'3	113'7	114'0	115'0	113'7	113'2	112'5
5	113'0	112'2	112'6	112'2	112'8	112'0	112'4	112'6	113'5	114'0	112'7	111'7
6	113'2	113'6	114'0	114'4	116'9	114'6	113'8	114'0	114'4	114'8	114'0	113'2
7	111'1	110'5	111'0	111'0	111'3	112'6	113'6	112'1	110'5	111'0	108'8	105'6
8	110'6	112'6	107'5	108'1	108'2	110'1	108'7	109'8	109'5	109'3	107'5	105'9
9	112'7	113'1	113'1	114'4	114'5	115'0	114'3	—	114'7	115'0	114'4	112'8
10	115'2	115'1	115'1	—	—	—	—	—	—	—	—	—
11	—	—	—	110'8	110'9	110'4	110'9	110'7	110'6	110'8	111'1	108'0
12	111'3	108'7	115'8	110'5	108'3	109'3	110'1	110'9	111'1	109'6	108'0	106'6
13	112'7	113'0	113'1	112'8	113'0	113'1	113'3	113'3	113'6	115'1	114'0	110'9
14	115'6	115'6	111'1	111'1	111'0	111'9	111'8	112'0	111'5	112'3	109'4	108'3
15	114'1	113'1	111'4	112'6	112'9	113'3	113'0	112'0	112'1	112'9	111'8	110'7
16	114'2	114'7	114'3	114'1	114'5	114'3	113'7	114'4	115'0	113'5	115'2	112'4
17	113'0	113'4	114'3	—	—	—	—	—	—	—	—	—
18	—	—	—	115'8	114'7	113'3	111'6	112'2	112'4	113'5	113'1	113'7
19	114'3	—	—	115'9	114'4	115'2	115'6	116'7	115'5	115'1	113'4	112'3
20	119'1	118'6	118'9	118'5	118'1	117'9	117'6	117'2	—	—	—	—
21	118'1	117'9	118'1	117'7	117'0	116'6	116'7	117'0	117'2	117'0	114'8	111'2
22	114'7	115'0	114'9	113'9	113'9	113'8	114'1	114'5	115'0	115'8	115'4	114'0
23	112'5	112'2	111'9	111'9	111'8	111'8	112'8	112'8	113'0	112'8	111'0	100'0
24	110'3	105'5	107'9	—	—	—	—	—	—	—	—	—
25	—	—	—	109'2	110'5	110'4	109'4	109'1	110'0	110'0	108'9	107'1
26	110'1	110'1	110'2	110'6	111'3	111'2	111'5	112'2	112'8	113'2	112'6	111'0
27	114'1	114'1	114'4	113'7	113'8	114'1	114'6	114'8	113'5	113'7	113'0	112'1
28	114'0	113'1	115'1	117'7	113'0	110'3	111'9	111'9	113'2	115'0	114'2	110'1
29	112'0	111'2	111'6	111'6	—	110'7	112'2	113'2	113'4	114'2	113'5	111'3
30	110'0	110'0	110'5	112'3	112'2	112'4	112'9	113'2	113'2	111'3	111'1	110'2
Hourly Means	113'30	112'90	113'03	113'04	113'00	112'82	112'98	113'05	113'09	113'25	112'26	110'12

TEMPERATURE OF THE BIFILAR MAGNET.												
JANUARY.	°	°	°	°	°	°	°	°	°	°	°	°
1	69'8	69'5	69'0	68'5	68'0	67'8	67'5	67'1	66'8	66'4	66'2	65'9
2	65'0	64'8	64'1	63'7	—	62'8	62'3	61'8	61'2	60'8	60'3	60'3
3	59'9	59'9	59'6	—	—	—	—	—	—	—	—	—
4	—	—	—	60'8	60'8	60'7	60'6	60'5	60'6	60'6	60'6	60'7
5	66'3	66'2	66'0	65'8	65'8	65'5	65'3	65'0	64'8	64'5	64'3	64'5
6	64'3	64'2	64'2	63'7	63'5	63'2	63'0	62'8	62'3	62'1	62'0	61'9
7	67'4	67'5	67'2	67'2	66'8	66'6	66'4	66'3	66'5	66'3	66'1	65'9
8	69'8	69'5	69'2	69'0	69'0	68'8	68'6	68'3	67'8	67'2	67'3	67'3
9	64'2	64'0	63'7	63'3	62'8	62'5	62'3	—	61'5	61'2	60'9	60'8
10	64'0	64'0	64'3	—	—	—	—	—	—	—	—	—
11	—	—	—	68'0	67'8	67'6	67'3	67'2	66'8	66'8	66'7	66'8
12	68'3	68'0	67'7	67'5	67'2	66'8	66'5	66'3	66'0	65'8	65'6	65'6
13	65'1	65'0	64'8	64'7	64'5	64'2	63'7	63'5	63'2	63'0	62'6	62'5
14	65'0	65'1	65'0	64'8	64'7	64'3	64'2	63'9	63'8	63'5	63'5	63'5
15	66'3	66'2	66'0	65'7	65'5	65'2	65'0	65'0	64'8	64'4	64'1	63'9
16	64'2	64'2	64'2	64'0	63'6	63'3	63'0	62'8	62'7	62'4	62'2	62'1
17	62'3	62'3	62'3	—	—	—	—	—	—	—	—	—
18	—	—	—	64'5	64'5	64'5	64'3	64'2	64'0	63'5	63'2	63'0
19	62'3	—	—	62'0	61'6	61'0	60'4	60'0	59'7	59'3	59'0	58'6
20	58'1	58'0	57'8	57'7	57'7	57'7	57'8	57'8	—	—	—	—
21	59'9	59'8	59'8	59'8	59'7	59'7	59'7	59'6	59'6	59'6	59'8	60'2
22	64'0	64'0	63'8	63'8	63'5	63'1	63'1	63'0	62'8	62'7	62'7	62'8
23	66'8	66'8	66'8	66'6	66'5	66'4	66'2	66'0	65'8	65'7	65'8	65'7
24	67'8	67'6	67'3	—	—	—	—	—	—	—	—	—
25	—	—	—	67'9	67'5	67'2	67'1	66'8	66'6	66'3	66'1	66'0
26	67'0	66'5	66'1	65'8	65'5	65'3	64'8	64'4	63'8	63'6	63'2	63'0
27	64'1	64'0	63'9	63'8	63'4	63'4	63'2	63'2	63'0	63'0	63'0	63'5
28	65'0	65'0	65'0	65'0	65'0	64'9	64'8	64'8	64'8	64'8	64'7	64'7
29	68'0	67'9	67'5	67'4	—	67'1	67'9	67'7	66'8	66'0	65'8	65'8
30	68'2	68'1	67'8	67'6	67'2	66'8	66'4	66'0	65'3	65'0	64'8	64'7
Hourly Means	65'12	65'13	64'92	64'95	64'67	64'48	64'28	64'16	63'64	63'78	63'62	63'58

HORIZONTAL FORCE.												
One Scale Division = '000229 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.												
12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div. 108'5	Sc. Div. 106'0	Sc. Div. 105'2	Sc. Div. 105'8	Sc. Div. 106'3	Sc. Div. 111'7	Sc. Div. 113'8	Sc. Div. 113'5	Sc. Div. 115'0	Sc. Div. 112'7	Sc. Div. 112'5	Sc. Div. 112'0	Sc. Div. 110'28
110'0	107'5	109'0	112'6	114'8	116'5	118'2	117'6	117'2	116'7	116'3	116'8	114'19
—	—	—	—	—	—	—	—	—	—	—	—	—
111'0	110'6	110'2	114'5	117'0	117'3	116'6	117'2	114'9	113'5	112'8	113'0	114'55
110'1	109'0	107'9	112'5	114'8	114'7	118'1	114'9	114'8	113'7	113'0	112'5	112'82
111'0	107'8	108'0	111'4	112'2	114'3	114'0	111'3	113'4	114'4	113'5	111'8	113'08
102'1	102'1	103'1	101'6	106'9	111'1	112'4	112'0	113'0	109'5	107'2	107'5	109'07
104'7	104'6	104'6	106'2	107'2	109'8	111'9	114'0	113'9	113'7	113'5	113'4	109'39
111'0	110'8	109'9	109'0	111'0	113'0	114'3	115'5	117'5	116'3	115'9	115'6	113'64
—	—	—	—	—	—	—	—	—	—	—	—	—
106'1	105'6	105'4	107'4	110'0	112'3	112'7	112'5	109'2	116'4	108'4	110'8	110'68
105'5	103'0	102'7	104'8	107'8	110'1	112'3	112'0	112'7	112'6	112'5	112'6	109'53
106'1	104'6	100'6	110'2	110'3	115'0	113'9	113'9	114'2	112'6	112'6	112'4	111'84
105'5	102'7	106'0	108'5	111'4	114'2	114'0	116'4	115'8	113'1	113'7	111'8	111'45
109'8	109'8	108'9	111'8	114'0	116'3	112'7	114'5	116'5	115'2	113'5	113'5	112'77
110'0	108'0	108'8	111'9	114'6	118'7	118'5	117'9	119'3	114'6	113'9	114'7	114'22
—	—	—	—	—	—	—	—	—	—	—	—	—
111'4	109'4	109'3	109'7	111'8	113'2	115'1	116'1	116'5	114'7	115'8	114'9	113'29
111'0	109'4	110'2	113'0	115'1	117'3	119'6	120'2	119'3	118'5	117'9	117'4	115'33
110'5	110'0	111'1	113'5	117'6	120'2	122'0	120'4	116'9	117'6	118'4	118'3	117'12
110'2	115'2	110'2	111'1	112'8	115'8	118'4	120'4	119'9	117'2	116'7	115'8	115'96
116'0	116'6	117'2	116'9	117'6	118'8	118'9	118'6	116'0	114'4	113'1	117'8	115'70
112'1	112'0	115'1	113'9	110'5	109'8	113'7	113'5	108'2	103'5	102'3	109'1	110'76
—	—	—	—	—	—	—	—	—	—	—	—	—
105'7	104'4	104'7	107'4	111'4	112'9	—	113'3	110'7	110'2	110'2	110'3	109'11
109'0	105'5	106'7	108'7	112'6	117'1	117'0	116'4	115'1	115'0	114'0	113'7	111'98
110'2	108'7	108'8	109'8	110'1	110'4	112'8	115'3	118'2	118'5	116'3	113'3	113'26
106'7	103'5	100'0	104'4	111'1	113'8	115'3	117'1	115'0	113'1	110'8	111'1	111'72
108'7	106'3	105'5	107'3	105'7	111'0	115'4	113'8	113'3	110'4	109'8	110'4	110'98
108'6	107'6	106'1	108'5	110'9	114'2	117'4	116'5	116'1	112'5	112'0	112'7	111'77
108'90	107'72	107'51	109'71	111'75	114'21	115'56	115'57	115'10	113'87	112'94	113'20	112'44
TEMPERATURE OF THE BIFILAR MAGNET.												
65'7	65'7	65'7	65'8	66'0	66'1	66'1	66'1	66'0	65'9	65'6	65'4	66'78
60'1	59'9	59'8	59'7	59'7	59'7	59'8	60'0	60'0	60'1	60'0	60'0	61'13
—	—	—	—	—	—	—	—	—	—	—	—	—
60'8	61'3	61'8	62'7	63'4	64'1	64'6	65'0	65'8	66'1	66'5	66'5	62'25
64'2	64'0	64'0	63'9	64'1	64'3	64'4	64'6	64'7	64'6	64'6	64'5	64'83
62'1	62'5	62'8	63'3	64'2	64'8	65'2	66'0	66'4	66'8	67'2	67'2	63'99
66'2	66'0	66'7	67'3	68'0	68'8	69'6	69'7	69'9	70'0	70'0	69'8	67'60
66'8	66'2	65'8	65'5	65'4	65'3	65'2	64'9	64'7	64'6	64'4	64'3	66'87
60'8	61'0	61'0	61'3	61'7	61'8	62'3	62'7	63'2	63'7	64'0	64'0	62'38
—	—	—	—	—	—	—	—	—	—	—	—	—
66'7	67'0	67'3	67'8	68'6	69'0	69'0	69'1	69'1	68'8	68'6	68'4	67'36
65'7	65'7	65'7	65'8	65'9	65'9	66'0	65'9	65'8	65'8	65'6	65'4	66'27
62'4	62'5	62'8	63'3	63'7	64'2	64'7	64'8	65'0	65'2	65'3	65'5	64'01
63'6	63'8	64'0	64'2	65'0	65'6	66'0	66'3	66'4	66'4	66'5	66'3	64'81
63'8	63'7	63'7	63'7	63'7	63'7	63'8	64'0	64'0	64'5	64'5	64'3	64'56
61'8	61'6	61'8	62'0	62'0	62'0	62'1	62'2	62'3	62'4	62'4	62'3	62'65
—	—	—	—	—	—	—	—	—	—	—	—	—
63'0	63'0	63'0	63'0	63'0	63'0	63'3	63'2	63'2	63'0	63'3	63'3	63'33
58'3	58'3	58'2	58'1	58'1	58'0	58'2	58'3	58'4	58'4	58'4	58'3	59'22
57'3	57'4	57'5	57'6	58'0	58'3	58'7	58'9	59'1	59'6	59'9	59'9	58'24
60'2	60'0	60'5	61'0	61'5	61'8	62'3	62'6	63'0	63'0	63'3	63'8	60'84
62'7	62'8	62'8	63'2	63'4	63'8	64'3	65'0	65'5	66'0	66'4	66'8	63'83
65'8	66'1	66'3	66'3	66'7	66'8	67'0	67'2	67'5	67'8	68'2	68'0	66'62
—	—	—	—	—	—	—	—	—	—	—	—	—
65'8	66'0	66'2	66'5	66'6	67'2	—	67'3	67'6	67'5	67'5	67'2	66'94
62'8	62'8	63'0	63'0	63'3	63'5	63'6	63'7	63'8	64'0	64'0	64'1	64'20
63'3	63'3	63'4	63'6	63'6	63'8	64'0	64'2	64'6	64'8	65'0	65'0	63'75
64'8	64'8	65'2	65'5	65'7	66'0	66'5	67'0	67'4	67'8	68'0	68'0	65'63
65'8	66'0	66'2	66'7	67'0	67'0	67'4	67'6	68'0	68'0	68'3	68'3	67'14
64'6	64'3	64'2	64'5	64'9	65'0	65'2	65'4	65'4	65'5	65'4	65'2	65'73
63'27	63'30	63'44	63'67	63'97	64'21	64'37	64'68	64'88	65'01	65'11	65'45	64'27

HORIZONTAL FORCE.												
One Scale Division = '000229 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.												
Mean Götting- gen Time. }	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.
	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
Jan. 31	112·5	112·5	113·0	—	—	—	—	—	—	—	—	—
FEBRUARY.	1	—	—	111·9	111·8	111·7	111·5	111·2	111·0	111·4	111·2	109·9
	2	109·2	109·0	108·1	106·4	—	106·8	107·2	109·0	107·8	107·9	106·7
	3	110·5	111·0	111·6	112·8	113·5	111·6	111·2	112·1	111·0	111·7	112·0
	4	115·6	116·6	115·8	116·5	116·4	116·9	117·3	116·6	116·6	115·8	115·3
	5	115·2	115·3	115·2	114·4	114·1	114·5	115·0	114·8	114·2	113·4	112·2
	6	112·1	111·4	111·4	111·3	—	112·0	111·3	111·1	110·2	109·9	108·0
	7	114·8	115·6	113·9	—	—	—	—	—	—	—	—
	8	—	—	—	117·0	116·9	116·8	117·3	117·6	117·0	117·1	114·4
	9	117·3	114·2	120·7	126·3	104·2	108·1	110·4	111·5	112·3	112·3	110·9
	10	113·7	113·8	118·5	117·0	—	—	—	—	—	116·5	114·2
	11	119·5	119·1	119·1	120·4	—	120·2	120·3	120·7	120·5	120·3	119·2
	12	116·3	117·4	117·7	118·3	117·1	118·2	118·0	118·7	119·0	119·0	117·5
	13	118·3	117·8	118·0	119·1	118·9	119·4	120·0	120·7	120·8	120·9	119·7
	14	118·7	117·8	116·0	—	—	—	—	—	—	—	—
	15	—	—	—	119·3	121·3	118·5	117·9	117·4	117·7	117·8	116·7
	16	115·4	114·8	117·0	115·4	115·9	115·4	115·9	115·3	—	116·2	114·4
	17	115·6	115·2	119·6	116·7	116·9	115·6	115·8	115·9	117·5	117·3	117·0
	18	116·8	117·0	117·5	119·1	118·1	117·7	116·5	118·1	117·7	116·8	115·8
	19	116·7	116·7	116·7	116·7	116·4	116·7	116·5	116·5	116·0	116·0	115·5
	20	115·6	115·8	116·1	116·0	—	—	116·7	117·1	117·2	117·1	116·6
	21	115·5	115·8	115·4	—	—	—	—	—	—	—	—
	22	—	—	—	—	117·2	117·1	117·6	118·2	117·9	117·6	119·6
	23	116·0	116·9	116·8	117·4	118·0	118·6	118·8	117·9	118·3	118·5	117·3
	24	117·7	117·5	117·5	117·3	—	117·7	117·8	118·2	118·0	117·0	115·7
	25	116·3	116·5	116·5	116·3	116·5	118·0	117·0	116·4	116·8	118·1	117·3
	26	117·5	116·8	116·6	116·3	118·5	118·8	118·2	119·0	115·8	115·2	114·0
	27	116·7	116·4	116·0	117·1	117·0	117·0	117·0	117·0	117·5	118·0	117·7
Hourly Means	115·56	115·45	116·03	116·48	116·04	115·78	115·88	116·13	115·94	115·91	114·83	

TEMPERATURE OF THE BIFILAR MAGNET.												
	°	°	°	°	°	°	°	°	°	°	°	°
Jan. 31	65·2	65·0	64·8	—	—	—	—	—	—	—	—	—
FEBRUARY.	1	—	—	65·7	65·5	65·5	65·5	65·5	65·5	65·6	65·4	65·2
	2	71·3	71·3	71·5	71·5	—	71·4	71·2	71·0	70·6	70·5	70·5
	3	68·0	67·5	66·9	66·7	66·0	65·8	65·5	65·1	64·8	64·6	64·2
	4	61·6	61·2	61·1	61·0	60·8	60·5	60·5	60·3	60·2	60·0	60·0
	5	63·2	63·2	63·2	63·2	63·3	63·2	63·2	63·2	63·1	63·0	63·1
	6	67·6	67·8	67·8	67·8	—	67·6	67·4	67·3	67·3	67·3	67·2
	7	64·7	64·3	64·2	—	—	—	—	—	—	—	—
	8	—	—	—	60·6	60·4	60·2	60·0	60·0	59·8	59·8	59·7
	9	63·2	63·2	63·0	63·2	63·3	63·5	63·2	63·1	62·8	62·6	62·3
	10	63·0	62·6	62·1	61·8	—	—	—	—	—	59·2	59·0
	11	56·7	56·6	56·4	56·3	—	56·0	56·0	56·0	56·0	56·0	56·0
	12	58·2	58·2	58·4	58·2	58·4	58·4	58·3	58·1	58·3	58·2	58·0
	13	58·6	58·2	58·0	58·0	57·8	57·6	57·3	57·0	56·6	56·2	56·2
	14	57·7	57·7	57·6	—	—	—	—	—	—	—	—
	15	—	—	—	58·8	58·7	58·5	58·3	58·3	58·5	58·4	58·3
	16	61·6	61·7	61·4	61·2	61·3	61·2	61·1	61·0	—	60·6	60·4
	17	63·0	62·9	62·7	62·4	62·0	61·6	61·2	61·2	60·8	60·7	60·7
	18	61·0	60·8	60·6	60·4	60·0	59·8	59·5	59·2	59·2	59·0	58·7
	19	61·0	61·0	61·0	61·0	61·2	61·0	60·8	60·7	60·7	60·7	60·6
	20	64·2	64·2	64·1	63·8	—	—	63·0	62·6	62·3	62·0	61·7
	21	62·8	62·8	62·8	—	—	—	—	—	—	—	—
	22	—	—	—	—	61·3	61·2	61·1	61·0	60·8	60·6	60·2
	23	62·4	62·3	62·0	61·7	61·4	61·0	60·8	60·4	60·2	60·2	59·8
	24	61·3	61·2	61·2	61·2	—	61·0	60·8	60·6	60·5	60·3	60·3
	25	62·8	62·7	62·8	62·8	63·1	63·0	63·0	62·9	62·6	62·8	62·6
	26	61·7	61·4	61·1	60·7	60·2	60·0	59·6	59·2	58·8	58·7	58·5
	27	60·0	60·0	59·8	59·6	59·5	59·2	59·0	58·8	58·7	58·5	58·4
Hourly Means	62·53	62·41	62·27	62·07	61·34	61·69	61·58	61·41	61·28	61·05	60·90	

HORIZONTAL FORCE.

One Scale Division = '000229 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
109·2	109·1	107·5	106·0	107·1	109·3	109·8	111·9	112·2	113·0	109·5	110·2	110·60
105·7	105·8	105·3	105·5	107·7	109·2	109·1	109·2	109·8	110·0	110·5	110·6	107·88
111·0	110·7	110·3	108·9	108·4	112·0	113·4	114·3	115·4	116·1	116·7	116·6	112·23
113·7	113·4	113·4	112·8	114·4	115·0	114·5	115·0	115·2	115·0	115·5	115·3	115·28
109·7	110·3	110·8	112·5	113·2	114·0	114·6	113·8	113·7	113·1	112·6	112·5	113·32
102·3	102·2	104·8	110·7	111·5	114·4	113·9	114·5	113·6	112·5	113·1	112·5	110·43
110·1	113·5	114·0	117·0	119·9	121·1	120·4	125·2	124·3	119·5	108·7	116·3	116·70
106·1	106·2	109·1	112·1	113·6	115·7	116·1	116·2	114·9	113·1	113·0	113·0	112·72
106·9	105·6	106·7	110·1	114·0	118·4	121·8	121·9	119·6	119·6	119·2	119·7	115·18
111·0	109·2	110·8	113·4	117·2	119·2	121·4	122·2	121·0	119·5	120·3	119·1	117·77
112·7	109·9	108·9	111·9	114·7	116·5	117·0	118·5	118·6	118·9	118·6	118·6	116·54
112·5	110·9	110·5	109·4	116·2	119·4	121·2	121·1	121·6	121·1	118·0	118·0	117·90
112·3	110·9	109·4	112·0	114·9	114·2	116·0	114·7	115·2	116·5	116·0	122·2	116·12
109·0	108·4	108·0	108·2	109·9	112·1	115·3	115·6	116·0	115·6	114·6	115·9	113·66
112·0	111·1	110·0	110·0	111·9	116·8	117·0	117·9	117·5	117·4	116·5	116·7	115·52
115·2	114·1	112·8	114·9	—	118·9	119·6	120·0	118·0	117·6	117·0	116·8	117·07
111·7	111·0	110·3	111·3	112·7	115·1	116·1	116·7	115·5	115·8	115·2	115·2	115·04
111·2	109·4	110·8	111·7	112·2	113·3	115·7	115·0	115·0	114·6	115·8	116·7	114·70
112·5	109·9	109·5	111·0	111·6	114·3	116·6	118·0	118·4	117·0	117·5	116·7	115·54
113·3	112·3	113·4	114·7	115·2	115·7	118·1	118·5	118·1	117·8	118·4	117·9	116·79
111·2	109·7	109·8	111·4	113·3	115·2	116·9	117·3	116·2	116·1	116·6	116·7	115·57
105·2	105·4	106·6	110·3	111·5	114·0	115·0	117·2	114·8	114·9	116·0	116·3	114·37
110·8	107·6	105·4	108·4	112·4	118·1	118·8	119·8	115·7	116·2	119·2	116·6	115·32
113·4	110·6	108·2	110·2	112·8	114·6	116·8	118·2	117·8	116·6	117·2	116·5	115·68
110·36	109·47	109·43	111·02	112·88	115·27	116·46	117·19	116·59	116·14	115·65	116·11	114·68

TEMPERATURE OF THE BIFILAR MAGNET.

°	°	°	°	°	°	°	°	°	°	°	°	°
65·0	65·0	65·3	65·8	66·7	67·5	68·3	69·2	69·8	70·3	70·7	71·0	66·61
70·1	70·2	70·2	70·3	70·2	70·0	70·0	70·0	69·8	69·7	69·2	68·7	70·40
64·0	63·6	63·6	63·6	63·3	63·2	63·1	63·0	62·8	62·3	62·3	62·0	64·40
59·8	59·9	60·0	60·2	60·5	61·2	61·7	62·3	62·6	63·0	63·0	63·2	61·02
63·8	64·2	64·8	65·8	66·0	66·4	66·8	67·0	67·2	67·6	67·6	67·8	64·71
67·0	67·0	66·8	66·4	66·2	66·0	65·8	65·8	65·5	65·3	65·0	64·9	66·70
59·8	59·8	60·0	60·3	60·6	61·0	61·2	61·6	62·0	62·4	62·8	63·0	61·16
62·0	61·8	61·8	62·0	62·2	62·6	63·0	63·3	63·5	63·8	63·8	63·6	62·87
58·2	58·0	57·8	57·7	57·6	57·5	57·3	57·2	57·1	57·0	56·9	56·7	58·68
56·3	56·2	56·4	56·5	56·8	57·0	57·2	57·6	57·8	58·0	58·2	58·2	56·71
57·8	57·8	58·0	57·8	58·0	58·0	58·1	58·3	58·5	58·8	58·8	58·9	58·22
56·2	56·2	56·2	56·4	56·6	57·0	57·2	57·3	57·5	57·6	57·7	57·8	57·14
58·5	58·8	59·2	59·5	59·8	60·1	60·5	61·2	61·2	61·4	61·6	61·6	59·28
60·5	60·7	61·0	61·7	62·0	62·3	62·6	63·0	63·3	63·3	63·3	63·2	61·69
60·0	59·8	59·8	59·9	60·0	60·2	60·5	60·8	60·8	61·0	61·0	61·2	61·02
58·2	58·1	58·2	58·4	—	59·0	59·4	59·9	60·2	60·5	60·8	61·0	59·57
60·6	60·7	60·8	61·2	61·4	61·8	62·2	62·6	63·0	63·4	63·8	64·0	61·49
61·7	61·5	61·4	61·3	61·4	61·6	62·0	62·2	62·4	62·6	62·6	62·8	62·41
60·3	60·5	60·7	61·3	61·8	62·1	62·4	62·6	62·7	62·8	62·7	62·6	61·62
59·8	59·8	60·0	60·0	60·0	60·2	60·2	60·6	60·8	61·0	61·2	61·3	60·70
60·3	60·0	60·2	60·2	60·6	61·0	61·3	61·7	62·0	62·3	62·5	62·7	61·02
62·7	62·8	62·5	63·0	63·2	63·3	63·2	63·1	62·8	62·6	62·3	62·1	62·80
58·3	58·3	58·4	58·6	58·8	59·0	59·2	59·6	59·8	60·0	60·0	60·0	59·52
58·1	58·0	58·0	58·6	58·8	59·3	59·8	60·4	60·8	61·2	61·5	61·8	59·42
60·80	60·78	60·88	61·10	61·41	61·55	61·80	62·20	62·25	62·41	62·47	62·50	61·63

HORIZONTAL FORCE.												
One Scale Division = '000229 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah' = '000230.												
Mean Göttingen Time. }	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.
	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
Feb. 28	115·6	115·3	115·2	—	—	—	—	—	—	—	—	—
1	—	—	—	115·3	115·2	115·8	116·3	116·0	116·2	115·7	115·8	114·1
2	115·3	115·2	116·0	115·9	116·2	116·0	115·7	114·8	—	115·8	115·8	114·2
3	115·7	116·8	116·8	115·9	115·7	117·3	114·9	115·1	115·6	116·2	114·2	112·8
4	112·9	111·9	111·4	111·6	113·2	115·9	114·2	112·7	113·3	112·1	112·4	110·8
5	109·5	109·0	109·9	111·6	108·9	109·2	109·4	109·7	109·9	110·9	110·5	109·5
6	114·9	115·0	116·0	115·3	115·5	117·0	116·9	117·1	117·0	117·2	117·0	116·0
7	118·7	118·6	118·3	—	—	—	—	—	—	—	—	—
8	—	—	—	114·6	114·0	114·6	115·2	115·8	—	116·8	116·6	114·5
9	114·2	113·8	114·0	114·1	114·0	114·7	114·7	115·2	115·8	116·0	115·8	114·9
10	117·4	117·0	117·0	117·0	—	117·8	117·3	116·9	117·4	117·8	116·0	115·3
11	118·0	118·8	119·4	118·8	—	119·2	118·8	118·1	117·0	120·5	120·2	119·6
12	118·9	118·2	119·0	119·5	118·5	118·5	118·5	118·9	119·0	119·4	119·3	116·6
13	120·5	109·0	104·5	111·4	106·1	108·6	109·8	108·0	108·8	111·0	111·1	111·5
14	105·2	112·9	106·7	—	—	—	—	—	—	—	—	—
15	—	—	—	113·7	114·1	114·2	114·3	113·0	—	113·8	115·8	112·6
16	115·4	113·6	113·6	113·6	113·6	114·0	113·9	115·1	115·6	116·2	109·2	106·9
17	112·2	118·2	113·4	107·6	108·5	110·0	109·2	111·0	110·5	111·0	107·8	110·3
18	117·4	110·9	112·2	112·0	109·0	109·2	109·5	109·8	110·0	110·6	108·3	108·6
19	112·6	113·0	113·2	116·6	113·8	114·0	114·0	113·2	112·9	113·4	112·5	111·8
20	113·8	111·5	111·8	112·1	112·2	113·0 ^a	112·5	112·7	112·1	112·8	112·3	111·3
21	113·8	113·6	114·2	—	—	—	—	—	—	—	—	—
22	—	—	—	115·3	116·2	116·2	116·2	116·6	116·6	117·1	116·7	112·1
23	117·8	118·3	118·4	118·5	118·4	119·0	120·4	120·3	120·5	119·8	120·3	118·7
24	117·9	118·5	119·0	119·2	122·4	120·4	119·6	121·9	121·6	121·4	120·6	119·3
25	120·9	120·0	119·3	120·7	120·8	120·8	120·8	120·7	121·2	121·2	120·7	120·0
26	122·4	119·6	118·8	121·8	120·0	119·2	119·6	119·7	120·4	120·5	118·4	116·5
27	118·2	118·0	118·2	118·2	121·5	118·4	119·4	118·5	—	119·1	117·8	116·0
28	121·0	119·5	126·0	—	—	—	—	—	—	—	—	—
29	—	—	—	121·2	122·6	122·0	121·5	121·6	121·7	121·5	121·9	120·9
30	120·1	120·2	120·4	121·3	120·9	120·7	120·0	120·3	121·0	120·8	120·5	120·5
31	122·8	122·8	122·8	123·0	123·0	123·2	122·9	122·6	123·7	123·8	123·0	121·8
Hourly Means	116·41	115·90	115·76	116·14	115·77	116·25	116·13	116·12	116·43	116·76	115·94	114·85
TEMPERATURE OF THE BIFILAR MAGNET.												
Feb. 28	61·8	62·0	62·0	—	—	—	—	—	—	—	—	—
1	—	—	—	62·8	62·6	62·4	62·2	62·0	61·7	61·5	61·3	61·5
2	63·3	63·3	63·2	63·0	62·8	62·5	62·2	62·3	—	61·8	61·4	61·0
3	63·7	63·7	63·5	63·3	63·3	63·2	63·1	63·0	63·0	62·8	62·8	62·8
4	68·4	68·0	67·8	67·6	67·2	66·8	66·6	66·2	66·0	65·8	65·5	65·5
5	72·6	72·8	72·6	72·2	72·0	71·7	71·2	70·8	70·6	70·2	69·6	69·3
6	65·7	65·3	65·0	64·7	64·3	63·9	63·4	63·0	62·6	62·0	61·4	61·0
7	61·7	61·7	61·0	—	—	—	—	—	—	—	—	—
8	—	—	—	64·8	64·7	64·5	64·3	64·2	—	64·0	64·0	63·9
9	66·0	65·8	65·8	65·7	65·4	65·3	65·2	64·8	64·6	64·2	64·0	63·8
10	63·7	63·5	63·2	62·9	—	62·2	62·0	61·6	61·3	61·2	60·8	60·5
11	61·0	61·0	60·8	60·6	—	60·3	60·3	60·3	60·2	60·0	59·6	59·3
12	60·3	60·2	60·0	60·0	59·8	59·6	59·4	59·3	59·0	58·8	58·6	58·2
13	64·3	64·5	64·9	65·2	65·2	65·0	65·0	65·0	64·8	64·6	64·2	63·8
14	66·7	66·5	66·2	—	—	—	—	—	—	—	—	—
15	—	—	—	62·6	62·6	62·4	62·2	61·9	—	61·2	61·0	60·6
16	62·9	62·8	62·7	62·6	62·4	62·2	62·0	61·8	61·7	61·7	61·6	61·7
17	65·8	65·8	65·8	65·8	65·7	65·7	65·5	65·3	65·3	65·3	65·2	65·2
18	67·3	67·5	67·5	67·5	67·5	67·6	67·6	67·6	67·4	67·2	67·2	67·0
19	65·2	65·0	64·7	64·4	64·0	64·0	64·2	64·0	64·2	64·1	64·0	63·8
20	66·6	66·8	66·8	66·8	66·8	66·8	66·8	66·8	66·8	66·4	66·2	65·8
21	65·0	64·8	64·6	—	—	—	—	—	—	—	—	—
22	—	—	—	62·8	62·6	62·4	62·2	62·0	61·7	61·5	61·1	61·0
23	59·8	59·6	59·4	59·2	59·0	58·7	58·4	58·2	58·2	58·0	57·8	57·8
24	58·1	58·0	57·9	57·8	57·6	57·5	57·4	57·3	57·2	57·0	56·8	56·6
25	57·7	57·6	57·5	57·4	57·2	57·0	57·0	57·0	56·8	56·8	56·7	56·5
26	56·4	56·4	56·6	56·4	56·4	56·4	56·4	56·4	56·6	56·6	56·6	56·5
27	59·8	59·8	59·7	59·7	59·5	59·3	59·1	58·8	—	58·0	57·8	57·6
28	56·4	56·0	56·0	—	—	—	—	—	—	—	—	—
29	—	—	—	54·6	54·5	54·2	54·0	53·9	54·2	54·2	54·2	54·2
30	56·0	56·0	56·0	56·0	56·3	56·2	56·1	55·9	55·7	55·5	55·2	55·3
31	54·8	54·5	54·4	54·2	53·8	53·6	53·4	53·2	53·0	52·8	52·5	52·5
Hourly Means	62·63	62·54	62·43	62·24	62·13	61·90	61·75	61·58	61·42	61·23	61·00	60·84

^a A violent thunder storm, with heavy tropical rain. Instruments closely watched, and not found to be affected in the slightest degree.

HORIZONTAL FORCE.												
One Scale Division = '000229 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.												
12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
110.8	112.2	107.4	109.6	111.6	113.2	114.5	115.4	115.4	113.4	114.9	115.7	114.19
110.2	109.4	110.2	113.6	115.5	117.2	118.1	116.9	115.6	115.4	116.0	115.7	114.99
110.4	108.6	108.3	108.8	111.1	114.4	110.6	112.1	112.0	110.8	111.8	111.8	113.24
107.7	106.4	106.5	107.7	110.1	110.5	111.9	111.2	110.3	109.8	109.4	109.7	110.98
106.1	106.5	105.0	106.3	107.9	109.7	111.2	113.3	114.8	113.5	114.0	114.7	110.04
113.0	111.1	109.2	110.3	116.2	114.7	115.4	117.0	117.8	117.7	118.2	118.6	115.59
110.7	107.9	107.2	108.6	111.5	112.7	113.2	113.3	113.3	113.3	113.9	114.2	113.80
112.8	109.8	108.9	109.5	111.3	112.9	114.0	115.3	115.7	115.9	116.6	116.9	114.03
113.6	112.0	110.6	111.6	113.3	115.9	116.9	117.5	118.1	117.9	118.2	118.8	116.14
116.3	112.4	111.8	112.5	114.0	116.5	118.3	118.5	118.6	118.3	119.0	117.6	117.50
114.1	111.4	111.8	114.5	115.2	118.2	119.7	119.6	114.3	116.6	117.3	119.1	117.34
108.9	105.3	102.6	102.6	103.2	108.7	109.5	110.5	105.0	106.2	105.0	105.2	108.04
108.8	106.2	105.5	107.5	110.1	113.0	112.7	114.9	115.4	115.5	115.4	115.3	112.03
103.9	100.5	103.3	104.1	106.3	107.0	109.6	110.1	111.2	111.5	112.9	114.2	110.64
109.3	104.9	102.4	102.5	105.2	107.7	109.0	109.3	111.2	110.2	111.4	110.7	109.31
105.6	101.5	103.1	103.8	108.6	111.1	112.5	112.7	111.8	111.0	112.2	112.5	101.75
110.0	108.0	106.2	106.1	107.5	108.0	110.6	111.5	112.6	112.2	112.5	112.0	111.59
109.4	107.7	105.7	106.8	108.7	110.6	112.6	113.0	112.6	111.4	112.1	113.0	111.32
114.0	112.8	111.5	112.3	112.1	113.5	114.9	116.3	116.2	117.0	117.8	118.0	115.21
117.1	114.1	112.9	112.8	113.9	115.3	116.6	118.0	118.1	118.9	117.4	116.7	117.59
116.6	114.0	113.1	113.3	115.2	118.2	120.5	121.8	121.7	120.6	121.0	120.8	119.11
118.2	116.7	115.6	116.9	117.5	121.4	122.7	122.1	120.6	122.3	123.0	121.9	120.25
115.0	111.7	112.0	112.0	114.3	115.8	118.5	120.7	119.0	118.7	119.0	117.0	117.94
113.1	112.0	110.5	113.3	115.3	117.7	118.7	120.0	119.8	120.5	119.9	119.2	117.53
120.7	117.2	114.5	115.1	116.3	118.3	120.0	120.2	120.8	121.5	120.8	120.0	120.28
119.6	117.0	113.6	111.6	114.2	116.3	118.5	120.2	121.0	121.9	123.1	123.0	119.45
120.0	118.5	117.8	117.1	118.1	119.6	121.0	121.9	122.1	123.0	123.9	—	121.67
112.40	110.21	109.15	110.03	112.01	114.00	115.20	116.05	115.74	115.74	116.17	115.86	114.78
TEMPERATURE OF THE BIFILAR MAGNET.												
°	°	°	°	°	°	°	°	°	°	°	°	°
61.5	61.4	61.5	61.7	62.0	62.2	62.2	62.6	63.0	63.2	63.3	63.3	62.15
61.0	61.0	61.2	61.3	62.2	62.4	62.8	63.1	63.4	63.6	63.6	63.7	62.44
63.2	63.8	64.4	65.5	66.6	67.3	68.5	68.7	68.7	68.7	68.6	68.5	65.03
65.6	65.7	66.2	66.8	67.6	68.2	69.0	70.0	70.6	71.2	71.8	72.2	67.76
68.8	68.2	67.8	67.6	67.3	67.2	66.8	66.8	66.5	66.3	66.2	65.8	69.20
61.0	60.8	60.7	60.8	61.2	61.2	61.3	61.3	61.4	61.5	61.6	61.7	62.37
63.8	64.0	64.2	64.8	65.0	65.5	65.8	66.2	66.2	66.5	66.3	66.0	64.48
63.7	63.5	63.5	63.8	64.0	64.0	64.0	64.2	64.2	64.0	64.0	64.0	64.48
60.4	60.3	60.2	60.3	60.4	60.6	60.8	61.0	61.2	61.2	61.2	61.2	61.38
59.0	59.0	59.0	59.0	59.3	59.4	59.6	59.8	60.0	60.2	60.3	60.4	59.93
58.3	58.3	58.7	59.2	59.8	60.2	61.0	61.8	62.6	63.0	63.3	64.0	60.14
64.0	64.0	64.3	64.7	65.3	65.7	66.2	66.7	66.8	66.8	66.8	66.8	65.19
60.5	60.3	60.3	60.6	60.8	61.3	61.7	62.0	62.3	62.7	62.9	62.9	62.27
62.0	62.1	62.4	62.7	63.2	63.6	64.0	64.6	65.0	65.2	65.6	65.8	63.01
65.0	65.0	65.0	65.0	65.3	65.7	66.0	66.5	66.8	67.0	67.2	67.3	65.76
67.0	66.6	66.3	66.2	66.3	66.0	65.7	65.4	65.4	65.3	65.3	65.3	66.65
63.9	64.1	64.4	64.7	65.0	65.2	65.6	66.0	66.2	66.2	66.5	66.6	64.83
65.4	65.2	65.2	65.2	65.2	65.3	65.4	65.1	65.1	65.2	65.0	65.0	65.90
60.8	60.7	60.5	60.5	60.5	60.5	60.4	60.2	60.2	60.0	60.0	59.8	61.49
57.8	58.0	58.2	58.4	58.5	58.8	58.8	58.8	58.8	58.7	58.5	58.2	58.57
56.6	56.5	56.4	56.4	56.7	56.8	57.0	57.2	57.3	57.7	57.7	57.7	57.22
56.6	56.4	56.4	56.4	56.2	56.2	56.2	56.4	56.4	56.4	56.5	56.4	56.74
56.6	56.8	57.2	57.6	58.2	58.7	59.0	59.3	59.5	59.8	60.0	60.0	57.52
57.4	57.3	57.2	57.1	57.3	57.3	57.2	57.2	57.2	57.0	57.0	56.7	58.04
54.2	54.2	54.2	54.7	54.7	55.0	55.1	55.3	55.7	55.8	56.0	56.1	54.89
55.0	55.0	55.0	55.0	55.3	55.4	55.5	55.5	55.4	55.3	55.2	55.0	55.53
52.5	52.5	52.6	52.6	52.6	52.8	52.8	53.0	53.2	53.2	53.1	54.0	53.23
60.80	60.77	60.85	61.06	61.35	61.57	61.80	62.03	62.19	62.28	62.35	62.38	61.73

HORIZONTAL FORCE.													
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.													
Mean Göttingen Time. }	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
APRIL.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
	1	45·0 ^a	46·3	47·2	47·1	47·0	47·6	48·1	47·0	46·1	47·4	46·5	46·0
	2	46·0	46·0	46·6	45·0	—	45·6	46·4	46·9	47·0	47·5	47·4	46·6
	3	44·4	45·5	44·9	44·1	44·0	45·0	44·6	44·9	44·9	45·8	45·4	42·2
	4	45·0	45·6	45·5	—	—	—	—	—	—	—	—	—
	5	—	—	—	43·3	44·3	43·3	44·6	44·4	44·2	44·7	44·6	42·3
	6	38·4	38·9	34·3	35·2	42·2	42·4	41·8	40·4	35·9	36·5	29·8	31·2
	7	35·7	37·8	39·6	37·4	38·9	38·8	38·6	38·4	39·8	39·9	38·5	36·3
	8	39·0	39·7	37·6	38·2	40·3	40·2	40·2	39·5	—	40·7	40·2	38·3
	9	41·1	40·4	40·2	^b —	—	—	—	—	—	—	—	—
	10	—	—	—	43·0	44·0	45·2	45·0	45·0	45·6	43·0	43·5	43·0
	11	42·2	43·3	44·4	—	—	—	—	—	—	—	—	—
	12	—	—	—	44·6	44·8	45·4	45·0	45·2	45·2	45·2	44·2	42·7
	13	40·0	40·8	39·5	38·0	40·3	39·6	43·0	40·5	40·7	40·8	41·0	36·7
	14	42·0	37·2	33·8	36·5	37·7	38·7	38·4	39·9	39·8	39·6	39·4	38·2
	15	38·5	44·9	38·8	38·5	43·8	43·0	42·6	41·7	—	43·0	45·0	41·8
	16	34·0	40·5	43·0	42·8	40·6	35·7	37·6	36·2	39·2	39·5	36·1	35·2
	17	40·5	39·4	40·2	40·3	38·9	39·2	42·0	38·3	—	42·0	38·4	38·8
	18	38·8	38·5	39·3	—	—	—	—	—	—	—	—	—
	19	—	—	—	43·5	43·5	43·7	44·4	44·0	43·4	43·9	41·9	40·1
	20	46·0	45·3	46·1	46·0	45·9	46·2	46·3	46·5	47·3	48·0	48·2	46·5
	21	45·9	45·8	46·1	46·0	45·7	46·0	46·5	46·9	47·0	47·0	46·9	46·9
	22	46·8	45·4	44·7	45·8	45·0	46·2	47·5	45·9	46·0	45·5	44·4	44·6
	23	45·0	44·8	44·4	44·4	44·5	45·0	45·6	45·7	45·5	46·2	47·7	47·2
	24	44·6	44·9	43·8	43·4	43·7	44·0	44·3	44·8	46·0	47·8	47·9	45·1
	25	44·4	45·0	45·3	—	—	—	—	—	—	—	—	—
	26	—	—	—	42·4	42·2	42·0	41·8	44·4	43·6	44·0	43·0	41·7
	27	46·1	45·2	42·7	44·7	40·4	43·1	43·8	42·8	43·2	44·0	44·0	41·9
	28	44·9	44·5	44·1	44·3	44·2	44·7	44·0	44·7	—	45·1	45·0	43·4
	29	47·1	47·0	46·9	47·0	47·0	46·6	47·0	47·1	—	48·8	49·1	48·2
30	45·3	45·7	47·0	49·4	48·0	48·4	46·2	47·1	46·8	47·9	47·1	46·3	
Hourly Means	42·67	43·14	42·64	42·84	43·20	43·43	43·81	43·53	43·81	44·15	43·41	42·15	
TEMPERATURE OF THE BIFILAR MAGNET.													
APRIL.	1	54·2	54·0	54·0	54·0	53·8	53·8	53·8	53·8	54·2	54·3	54·3	54·3
	2	55·5	55·5	55·5	55·5	—	55·6	55·7	55·7	55·6	55·6	55·5	55·6
	3	57·5	57·4	57·3	57·2	57·0	56·8	56·8	56·6	56·4	56·1	55·8	56·0
	4	58·3	58·5	58·6	—	—	—	—	—	—	—	—	—
	5	—	—	—	58·8	58·7	58·4	58·3	58·2	58·0	57·8	57·8	57·6
	6	58·9	59·0	59·1	59·0	59·0	59·0	59·0	59·0	59·0	59·0	59·0	59·3
	7	61·4	61·2	61·0	60·8	60·4	60·2	60·0	59·9	59·9	59·6	59·4	59·3
	8	60·0	60·0	60·0	59·8	59·8	59·8	59·7	59·5	—	59·2	59·0	58·0
	9	59·3	59·2	59·2	—	—	—	—	—	—	—	—	—
	10	—	—	—	60·0	60·0	60·0	60·0	59·8	59·9	59·9	59·9	59·8
	11	57·7	57·2	57·0	—	—	—	—	—	—	—	—	—
	12	—	—	—	55·0	55·2	55·4	55·6	55·8	56·0	56·0	56·1	56·3
	13	60·4	60·4	60·4	60·4	60·3	60·3	60·2	60·2	63·3	60·3	60·3	60·0
	14	62·0	61·9	61·9	61·8	61·8	61·7	61·7	61·7	61·8	61·8	62·0	62·0
	15	62·2	61·9	61·5	61·2	60·7	60·3	60·0	59·5	—	58·7	58·3	58·0
	16	57·0	57·0	56·8	56·8	56·5	56·5	56·5	56·3	56·3	56·2	56·1	56·0
	17	59·0	59·0	59·0	59·2	59·3	59·3	59·3	59·2	—	59·0	59·0	59·0
	18	61·8	61·7	61·5	—	—	—	—	—	—	—	—	—
	19	—	—	—	56·0	55·8	55·6	55·3	55·3	55·4	55·4	55·2	55·0
	20	53·5	53·4	53·3	53·0	53·1	52·9	52·7	52·6	52·4	52·2	52·3	52·3
	21	54·2	54·1	54·0	54·0	53·8	53·6	53·5	53·4	53·1	53·0	52·8	52·7
	22	55·0	55·0	54·8	54·6	54·6	54·5	54·2	54·2	54·2	54·1	54·0	54·0
	23	57·7	57·7	57·7	57·6	57·5	57·0	56·8	56·5	56·6	56·6	56·5	56·5
	24	56·8	56·8	56·7	56·6	56·4	56·2	56·0	56·0	55·8	55·5	55·3	55·1
	25	55·3	55·3	55·5	—	—	—	—	—	—	—	—	—
	26	—	—	—	57·0	56·8	56·8	56·8	56·8	56·6	56·4	56·4	56·2
	27	57·4	57·4	57·4	57·4	57·2	57·2	57·2	57·0	57·2	57·0	57·0	57·3
	28	56·7	56·5	56·4	56·4	56·2	56·1	56·0	56·0	—	55·7	55·5	55·3
	29	54·3	54·0	54·0	53·8	53·8	53·7	53·5	53·4	—	53·2	53·0	53·0
	30	53·8	53·8	53·7	53·6	53·6	53·4	53·4	53·4	53·1	53·2	53·2	53·1
Hourly Means	57·60	57·52	57·45	57·18	57·14	56·96	56·88	56·79	56·59	56·63	56·55	56·47	

^a Torsion circle turned to bring the magnet more correctly perpendicular to the magnetic meridian, making a change in the readings of 75·5 scale divisions.
^b Good Friday.

HORIZONTAL FORCE.												
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.												
12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
44°0	41°7	41°3	41°7	42°1	—	42°6	42°5	45°5	42°9	43°1	45°1	44°95
44°2	41°7	40°0	40°8	42°8	44°2	46°6	47°5	49°7	44°7	43°2	41°8	45°14
40°8	39°4	39°1	39°6	40°9	40°2	44°0	45°3	45°1	45°3	45°8	45°5	43°61
—	—	—	—	—	—	—	—	—	—	—	—	—
40°5	38°8	37°0	37°9	36°0	38°8	39°2	38°1	41°6	42°8	44°0	42°2	42°03
28°6	29°3	26°6	28°8	28°1	31°5	28°8	36°3	35°7	31°8	30°0	35°2	34°07
32°6	31°0	29°4	29°6	30°3	33°9	34°6	35°8	38°2	37°0	38°5	39°0	36°23
36°7	35°0	32°7	31°3	35°4	37°2	39°0	38°4	40°5	41°4	41°3	41°3	38°44
—	—	—	—	—	—	—	—	—	—	—	—	—
41°6	34°8	27°8	29°8	31°8	32°0	34°0	37°2	37°3	39°3	40°0	40°6	39°38
—	—	—	—	—	—	—	—	—	—	—	—	—
41°0	38°1	37°9	38°4	39°0	39°8	40°4	42°0	41°4	40°6	41°0	41°5	42°22
35°8	34°8	34°8	32°4	33°0	35°9	38°7	40°3	39°2	41°0	42°0	40°8	38°73
35°7	33°1	30°5	30°0	31°0	34°6	36°5	34°8	34°3	35°9	36°0	39°6	36°38
38°4	32°6	32°8	33°2	35°0	35°2	36°2	29°5	36°4	38°5	33°4	41°8	38°46
31°5	26°0	21°0	22°6	28°0	36°1	37°9	38°2	32°7	32°7	36°5	39°0	35°11
36°5	33°9	33°5	33°0	31°4	33°3	35°4	38°4	39°6	39°6	35°6	38°5	37°68
—	—	—	—	—	—	—	—	—	—	—	—	—
37°5	35°0	36°1	35°5	36°4	38°7	38°7	41°4	43°1	44°2	44°2	45°4	40°88
44°9	44°1	41°5	41°2	40°0	41°8	43°8	45°1	46°0	46°2	46°0	45°7	45°61
44°8	42°8	41°5	40°0	40°6	39°7	41°2	43°1	43°7	45°8	46°2	45°6	44°65
42°1	39°7	41°5	39°2	38°3	38°8	40°3	42°5	43°0	44°0	44°3	45°2	43°61
45°8	45°0	40°3	40°1	40°4	41°3	44°3	44°1	45°5	45°3	45°8	46°1	44°58
44°9	43°4	43°0	42°2	41°2	42°1	41°5	41°8	41°7	42°7	41°4	40°9	43°63
—	—	—	—	—	—	—	—	—	—	—	—	—
42°5	42°1	41°0	38°3	38°9	42°2	42°9	43°2	43°8	43°7	43°7	44°0	42°75
40°8	38°4	36°1	35°2	35°7	37°0	40°7	42°1	41°4	44°6	44°5	44°6	41°79
41°2	39°9	38°2	36°9	39°0	40°8	43°2	44°2	45°7	46°5	46°5	47°0	43°39
45°2	43°3	42°7	41°3	—	44°4	45°8	46°1	47°9	47°6	48°4	48°5	46°50
44°1	42°3	41°4	40°9	42°2	44°0	45°8	47°1	45°3	46°3	46°0	45°3	45°66
40°07	37°85	36°31	35°99	36°56	38°48	40°08	41°00	41°77	42°01	41°89	42°81	41°42

TEMPERATURE OF THE BIFILAR MAGNET.												
54°0	54°0	54°2	54°4	54°6	—	54°8	55°0	55°1	55°4	55°5	55°5	54°39
55°4	55°2	55°4	55°7	56°1	56°4	56°8	56°8	57°3	57°4	57°5	57°5	56°03
56°3	56°4	56°5	56°6	56°6	57°2	57°3	57°4	57°9	58°0	58°0	58°2	56°97
—	—	—	—	—	—	—	—	—	—	—	—	—
57°6	57°7	57°8	58°0	58°3	58°4	58°5	58°6	58°7	58°8	58°8	58°8	58°29
59°6	60°0	60°3	60°5	60°8	61°0	61°4	61°5	61°6	61°6	61°6	61°4	59°98
59°0	59°0	59°0	59°2	59°4	59°6	59°7	60°2	60°1	60°2	60°2	60°1	59°95
58°8	58°6	58°6	58°6	58°7	58°9	59°0	59°2	59°2	59°2	59°2	59°3	59°23
—	—	—	—	—	—	—	—	—	—	—	—	—
59°6	59°6	59°4	59°2	59°2	59°0	58°8	58°8	58°7	58°4	58°2	58°0	59°33
—	—	—	—	—	—	—	—	—	—	—	—	—
56°5	56°8	57°0	57°5	57°8	58°2	58°6	59°0	59°4	59°8	60°0	60°0	57°24
60°0	60°0	60°0	60°2	60°4	60°7	61°0	61°2	61°7	61°8	62°0	62°0	60°60
62°2	62°5	62°9	63°0	63°5	63°5	63°3	63°5	63°5	63°3	63°0	62°6	62°45
57°9	57°7	57°5	57°4	57°2	57°2	57°2	57°2	57°2	57°2	57°0	57°0	58°70
56°0	55°8	55°8	56°0	56°2	56°6	57°3	57°8	58°0	58°2	58°5	58°8	56°79
59°0	59°0	59°3	59°8	60°3	60°6	61°1	61°4	61°6	61°9	62°0	62°0	59°93
—	—	—	—	—	—	—	—	—	—	—	—	—
54°8	54°4	54°2	54°2	54°2	54°1	54°0	53°9	53°8	53°8	53°7	53°5	55°53
52°4	52°3	52°3	52°5	52°8	53°0	53°3	53°6	53°8	54°0	54°2	54°2	53°00
52°9	53°0	53°1	53°3	53°6	53°8	54°0	54°2	54°7	54°8	55°0	55°0	53°73
54°0	54°0	54°1	54°9	55°2	55°6	56°3	56°6	56°9	57°0	57°0	57°3	55°09
56°2	56°0	55°8	55°7	55°8	56°0	56°2	56°5	56°6	56°8	56°8	56°8	56°66
55°0	54°8	54°6	54°4	54°4	54°5	54°6	54°7	54°8	54°9	55°1	55°3	55°43
—	—	—	—	—	—	—	—	—	—	—	—	—
56°2	56°0	56°1	56°2	56°2	56°5	56°9	57°1	57°3	57°3	57°4	57°4	56°56
57°6	57°3	57°3	57°3	57°0	57°0	57°0	57°0	57°0	57°0	56°8	56°6	57°15
55°0	55°0	54°8	54°8	54°8	54°8	54°8	54°7	54°8	54°6	54°6	54°5	55°39
53°0	53°0	53°0	53°1	—	53°5	53°6	53°7	53°8	53°8	53°9	53°9	53°55
53°3	53°3	53°3	53°5	53°8	54°0	54°3	54°7	55°0	55°1	55°3	55°4	53°85
56°49	56°46	56°49	56°64	56°95	57°09	57°20	57°37	57°54	57°61	57°66	57°64	57°04

HORIZONTAL FORCE.													
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.													
Mean Göttingen Time.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
MAY.	1	45·0	45·9	45·6	46·0	47·0	46·0	45·5	45·8	45·8	46·1	46·0	45·8
	2	45·2	45·4	46·7	—	—	—	—	—	—	—	—	—
	3	—	—	—	42·3	42·8	43·6	43·0	43·4	44·0	44·7	45·0	43·0
	4	39·4	42·4	43·2	41·3	—	—	—	—	—	44·2	40·0	39·9
	5	44·0	46·0	46·1	43·8	44·1	44·8	48·9	45·0	45·8	46·2	48·4	46·1
	6	46·1	46·0	46·4	46·4	47·2	47·8	47·8	47·7	45·2	46·8	47·2	47·2
	7	43·8	45·5	44·8	46·5	46·1	48·1	50·1	48·2	46·8	48·0	46·2	46·6
	8	44·1	43·6	45·1	45·3	44·9	47·5	45·5	45·6	45·4	45·5	46·7	42·8
	9	46·0	43·7	44·3	—	—	—	—	—	—	—	—	—
	10	—	—	—	41·4	41·8	41·4	41·2	41·9	41·5	42·9	43·8	43·5
	11	44·7	40·0	41·3	42·9	43·2	43·2	44·3	44·2	45·1	45·8	45·1	45·2
	12	26·5	31·4	37·8	42·8	—	—	—	—	—	—	—	—
	13	37·8	37·6	43·2	38·8	40·0	42·0	40·8	39·5	39·6	38·5	40·7	41·0
	14	44·4	47·0	44·7	42·5	42·8	43·5	43·1	44·2	—	43·4	45·6	45·2
	15	45·1	45·9	45·2	45·5	47·3	46·8	45·3	44·5	45·5	46·2	46·0	45·6
	16	46·2	46·3	46·3	—	—	—	—	—	—	—	—	—
	17	—	—	—	45·9	46·0	46·8	48·1	47·7	47·2	47·7	49·2	49·7
	18	49·5	50·0	50·3	50·4	50·6	51·2	49·9	51·2	51·2	51·3	51·5	52·3
	19	49·3	48·8	50·2	49·0	49·3	49·0	47·8	50·6	49·4	50·8	50·3	50·0
	20	47·7	48·7	48·2	47·0	47·5	47·7	48·5	48·8	—	48·3	48·6	47·9
	21	45·2	44·9	47·9	51·6	48·2	44·5	46·8	49·0	48·4	47·2	46·3	46·5
	22	44·8	43·0	44·2	45·4	47·0	45·8	46·1	47·0	46·4	47·0	47·4	48·6
	23	47·5	46·9	46·6	—	—	—	—	—	—	—	—	—
	24	—	—	—	44·7	45·0	45·6	45·3	46·6	46·7	42·8	46·7	48·7
	25	46·0	44·8	45·6	46·7	47·7	46·8	44·9	46·8	—	46·5	46·3	47·6
	26	47·8	47·3	50·1	49·0	47·7	47·4	47·9	48·8	49·2	50·0	50·2	50·0
	27	49·3	48·3	46·8	46·2	46·3	47·3	48·3	48·1	48·5	48·5	49·0	49·2
	28	45·9	46·2	46·4	46·5	46·8	46·3	46·1	46·7	47·2	47·0	47·3	48·0
	29	48·3	47·0	47·1	47·8	48·2	48·8	49·1	50·2	50·8	51·5	51·5	50·2
	30	45·7	46·3	48·0	—	—	—	—	—	—	—	—	—
	31	—	—	—	43·7	45·6	47·8	45·2	43·9	45·6	46·5	46·1	43·2
Hourly Means	44·82	44·96	45·85	45·37	45·96	45·94	46·01	46·04	46·46	46·26	46·58	45·97	

TEMPERATURE OF THE BIFILAR MAGNET.													
MAY.	1	55·2	55·2	55·4	55·3	55·3	55·1	55·0	55·0	55·0	55·0	54·8	54·8
	2	56·2	56·3	56·4	—	—	—	—	—	—	—	—	—
	3	—	—	—	56·0	56·0	55·8	55·8	55·6	55·4	55·2	55·0	54·9
	4	54·5	54·3	54·0	54·0	—	—	—	—	—	52·7	52·7	52·7
	5	51·0	51·0	50·8	50·7	50·7	50·6	50·5	50·3	50·2	50·0	49·8	49·6
	6	49·5	49·5	49·5	49·5	49·5	49·5	49·5	49·5	49·5	49·5	49·7	49·8
	7	52·0	52·0	52·0	52·0	52·0	52·0	52·0	52·0	52·0	52·0	52·1	52·1
	8	54·2	54·2	54·0	54·0	53·9	53·8	53·6	53·5	53·2	53·0	53·0	52·8
	9	54·6	55·0	55·0	—	—	—	—	—	—	—	—	—
	10	—	—	—	58·0	58·0	57·8	57·8	57·8	57·8	57·8	57·7	57·7
	11	58·0	58·0	57·9	57·8	57·7	57·6	57·5	57·3	57·2	57·0	56·8	56·8
	12	57·7	57·6	57·4	57·2	—	56·5	56·0	55·8	55·4	55·2	55·0	54·9
	13	55·6	55·8	56·0	56·0	56·0	56·0	56·0	55·8	55·9	55·7	55·6	55·4
	14	53·8	53·5	53·2	53·0	52·6	52·4	52·0	57·8	—	51·3	51·2	51·1
	15	51·8	51·8	51·8	51·6	51·6	51·6	51·7	51·7	51·6	51·5	51·5	51·5
	16	53·5	53·5	53·5	—	—	—	—	—	—	—	—	—
	17	—	—	—	52·8	52·7	52·6	52·4	52·3	52·0	51·8	51·4	51·2
	18	51·3	51·3	51·1	50·9	50·6	50·4	50·2	50·0	50·0	49·8	49·8	49·8
	19	49·8	49·6	49·6	49·4	49·1	49·0	49·0	48·8	48·7	48·6	48·3	48·2
	20	48·8	48·8	48·8	48·8	48·8	48·8	48·8	48·8	—	48·8	48·7	48·7
	21	51·6	51·5	51·4	51·3	51·2	51·2	51·0	51·0	51·0	51·0	51·0	51·0
	22	51·0	51·0	51·0	50·8	50·8	50·7	50·7	50·6	50·6	50·5	50·4	50·3
	23	52·0	51·8	51·7	—	—	—	—	—	—	—	—	—
	24	—	—	—	50·2	50·2	50·3	50·4	50·3	50·0	50·0	50·0	49·8
	25	50·8	50·8	50·8	50·8	50·7	50·6	50·5	50·5	—	50·5	50·5	50·5
	26	51·5	51·5	51·2	51·1	57·1	50·9	50·6	50·5	50·2	50·0	50·0	50·0
	27	51·3	51·3	51·3	51·2	51·2	51·2	51·0	51·2	51·1	51·1	51·1	51·1
	28	54·0	54·0	54·0	54·0	54·0	53·8	53·6	53·5	53·5	53·4	53·3	53·2
	29	52·8	52·6	52·3	52·0	51·9	51·7	51·5	51·3	51·0	50·8	50·8	50·8
	30	52·5	52·2	52·3	—	—	—	—	—	—	—	—	—
	31	—	—	—	51·4	51·3	51·3	51·3	51·3	51·4	51·4	51·3	51·4
Hourly Means	52·88	52·85	52·78	52·68	52·37	52·45	52·34	52·25	52·40	52·06	51·98	51·93	

HORIZONTAL FORCE.												
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.												
12h.	13h.	14h.	15h.	16h.	17h.	18.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div. 44.3	Sc. Div. 43.0	Sc. Div. 41.2	Sc. Div. 45.7	Sc. Div. 41.4	Sc. Div. 42.9	Sc. Div. 44.2	Sc. Div. 45.5	Sc. Div. 45.2	Sc. Div. 45.9	Sc. Div. 45.8	Sc. Div. 44.5	Sc. Div. 44.98
41.2	40.5	39.6	39.3	38.0	40.2	36.6	35.6	38.8	40.1	42.0	41.7	41.78
38.8	36.1	34.0	32.5	30.6	36.4	35.2	42.2	42.0	42.9	44.2	45.1	39.49
43.7	43.5	41.9	40.5	38.3	40.2	39.2	43.6	41.2	41.9	44.2	44.4	43.82
45.2	43.2	42.9	40.9	39.6	42.8	44.4	44.8	44.3	43.7	43.0	44.0	45.03
43.4	41.1	41.0	41.7	41.5	39.0	41.9	42.5	40.5	44.3	46.2	45.0	44.53
44.0	44.0	43.2	43.0	42.2	43.2	41.8	43.8	44.7	45.4	45.7	45.9	44.54
42.0	39.8	39.2	38.0	37.7	39.1	41.4	41.7	43.1	43.2	43.1	42.1	41.83
41.8	40.8	39.8	38.5	37.5	36.7	38.4	36.8	34.6	30.0	24.6	23.4	39.50
31.8	32.2	35.5	30.4	32.3	33.9	34.2	40.8	42.7	41.8	39.1	39.2	36.77
38.0	30.6	29.5	31.8	31.5	35.5	37.0	38.5	43.0	43.0	44.4	43.9	38.59
42.3	38.0	36.2	34.9	36.7	38.3	39.0	42.6	45.4	45.3	43.9	45.4	42.15
44.3	44.0	41.4	41.0	40.7	41.4	44.3	45.7	46.7	46.7	46.7	46.2	44.92
48.3	46.4	44.5	42.5	41.3	42.7	45.5	47.0	48.0	48.7	49.2	49.6	46.70
52.5	49.3	49.2	47.1	47.0	46.0	45.9	45.4	48.2	47.8	47.5	47.8	49.30
49.8	47.6	47.2	44.6	43.4	44.5	44.5	39.5	46.5	44.9	45.7	47.0	47.49
47.1	46.5	46.1	45.8	45.6	44.4	45.4	47.4	48.0	47.8	49.0	44.8	47.25
45.8	45.5	44.8	45.0	45.7	46.0	47.5	46.8	45.0	44.4	43.8	46.0	46.37
47.8	46.9	47.6	47.2	47.3	47.5	47.5	47.7	49.9	45.2	42.2	45.2	46.45
46.2	41.2	41.6	41.8	42.8	42.7	44.0	44.2	44.9	48.5	47.8	49.4	45.34
45.8	44.8	44.6	44.0	44.0	44.0	46.2	47.3	47.8	47.0	46.0	46.7	46.00
50.3	48.8	46.2	45.4	45.0	45.6	46.9	48.5	47.6	48.3	48.0	49.3	48.14
48.8	47.8	46.6	45.6	44.0	44.9	45.9	46.0	47.9	45.0	46.4	46.7	47.14
48.0	47.2	45.4	44.9	44.8	45.0	46.6	47.8	48.7	48.2	48.1	48.5	46.82
49.7	48.2	48.4	47.4	45.6	45.1	45.0	45.5	46.8	45.4	46.0	46.2	47.91
42.8	43.7	45.1	45.1	43.8	42.9	39.4	41.8	45.4	43.6	42.6	42.7	44.44
44.76	43.10	42.41	41.79	41.09	41.96	42.61	43.81	44.88	44.58	44.47	44.64	44.55
TEMPERATURE OF THE BIFILAR MAGNET.												
54.8	54.6	54.8	55.0	55.3	55.2	55.7	55.7	56.0	56.0	56.0	56.1	55.26
54.8	54.8	54.7	54.7	54.6	54.6	54.8	54.8	54.8	54.8	54.6	54.5	55.21
52.4	52.3	52.4	52.2	52.3	52.1	51.9	51.7	51.7	51.5	51.3	51.1	52.52
49.4	49.2	49.1	49.1	49.3	49.4	49.4	49.5	49.4	49.5	49.5	49.5	49.90
50.0	50.3	50.4	50.6	50.7	51.0	51.2	51.4	51.6	51.8	52.0	52.0	50.31
52.0	52.2	52.4	52.7	53.0	53.2	53.5	53.7	54.2	54.5	54.4	54.3	52.68
52.7	53.1	53.6	52.9	53.3	53.5	53.5	53.8	54.0	54.3	54.4	54.6	53.62
57.7	57.5	57.5	57.7	57.8	57.8	57.8	58.0	58.0	58.0	58.0	58.0	57.45
56.8	56.8	57.0	57.2	57.6	57.7	57.9	58.0	58.0	58.0	57.9	57.8	57.51
54.6	54.5	54.6	54.5	54.4	54.7	54.7	54.8	55.0	55.0	55.2	55.4	55.48
55.2	55.0	55.0	54.8	54.7	54.5	54.6	54.5	54.5	54.4	54.3	54.0	55.22
51.0	51.0	51.0	51.0	51.2	51.3	51.3	51.6	51.6	51.8	51.8	51.8	51.84
51.4	51.6	52.0	52.2	52.6	52.9	53.3	53.4	53.6	53.6	53.5	53.5	52.22
51.2	51.2	51.2	51.3	51.6	51.5	51.4	51.5	51.5	51.5	51.5	51.2	51.93
49.5	49.4	49.3	49.4	49.5	49.5	49.6	49.8	49.7	49.8	49.8	49.8	50.01
48.0	47.8	47.8	47.8	47.8	48.0	48.2	48.4	48.7	48.8	48.8	48.8	48.63
48.7	49.0	49.2	49.5	49.9	50.3	50.7	51.1	51.2	51.5	51.6	51.7	49.65
51.0	51.0	51.0	51.0	50.8	51.0	51.2	51.3	51.2	51.2	51.0	51.0	51.12
50.2	50.2	50.6	50.8	51.2	51.5	51.8	52.0	52.0	52.2	52.0	51.6	51.02
49.8	49.8	49.8	50.0	50.0	50.0	50.2	50.4	50.5	50.6	50.6	50.8	50.38
50.6	50.4	50.4	50.4	50.7	50.8	51.1	51.3	51.6	51.8	51.8	51.3	50.86
49.8	49.8	49.8	49.8	50.0	50.1	50.3	50.5	50.8	50.8	51.0	51.2	50.52
51.4	51.5	52.0	52.4	52.7	53.0	53.4	53.6	53.6	53.8	53.8	53.8	52.05
53.0	53.0	52.8	52.8	52.8	52.8	53.2	53.2	53.2	53.1	53.1	53.0	53.35
51.0	51.0	50.8	50.9	50.9	51.1	51.5	52.0	52.2	52.4	52.4	52.4	51.59
51.3	51.3	51.7	52.3	52.8	53.1	53.5	53.8	54.0	54.1	54.1	54.2	52.30
51.86	51.86	51.96	52.04	52.21	52.33	52.53	52.68	52.80	52.87	52.86	52.84	52.41

HORIZONTAL FORCE.													
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah ^t . = '000230.													
Mean Göttingen Time. }	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
JUNE.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
	1	44.0	45.0	44.5	44.3	—	44.5	47.6	45.4	46.3	46.8	46.6	45.5
	2	37.8	40.1	40.3	42.4	42.9	43.7	44.8	44.8	45.4	47.3	45.3	44.4
	3	44.6	44.0	47.1	45.3	44.3	44.7	45.0	44.8	45.3	45.6	46.1	45.7
	4	42.2	42.1	42.0	43.4	—	43.2	43.1	43.3	44.0	44.4	44.4	44.7
	5	41.5	44.6	45.7	47.1	46.4	47.0	47.0	49.1	50.6	48.6	49.6	48.6
	6	47.8	46.7	46.0	—	—	—	—	—	—	—	—	—
	7	—	—	—	47.1	50.7	48.7	49.3	47.3	48.5	47.8	50.0	49.8
	8	48.8	48.8	48.8	48.9	—	49.1	49.6	50.2	50.7	51.3	52.0	52.2
	9	46.2	45.6	46.0	46.3	46.7	46.2	45.2	47.4	47.3	47.3	46.6	47.3
	10	48.5	46.3	46.8	46.0	46.6	46.8	45.7	46.3	47.6	48.4	47.8	48.4
	11	46.3	47.7	48.1	48.8	49.0	48.9	49.5	50.5	50.8	51.1	51.2	52.0
	12	49.6	48.0	49.4	49.6	49.7	50.5	51.8	51.2	—	53.0	53.3	54.3
	13	55.0	44.6	43.5	—	—	—	—	—	—	—	—	—
	14	—	—	—	47.2	47.0	53.8	49.0	48.2	48.8	50.0	50.7	50.0
	15	46.7	46.7	46.2	46.8	46.9	47.7	46.8	47.5	—	47.1	47.3	50.5
	16	51.3	46.9	46.8	50.4	48.3	47.8	47.7	48.0	—	45.8	47.3	49.0
	17	47.5	48.7	49.3	49.9	48.2	47.3	48.7	49.0	49.0	48.7	48.8	48.6
	18	46.4	46.8	47.7	49.4	48.3	49.7	47.8	47.3	—	—	—	48.8
	19	46.0	44.2	46.2	45.7	46.0	46.3	46.6	46.6	46.5	47.0	46.9	47.2
	20	48.7	48.5	48.6	—	—	—	—	—	—	—	—	—
	21	—	—	—	47.4	47.8	47.9	49.0	48.6	49.0	49.7	49.1	50.4
	22	47.8	48.7	46.7	49.2	50.0	49.0	48.3	48.8	49.0	49.6	50.0	50.8
	23	49.6	47.5	49.9	48.7	—	47.8	47.5	47.7	—	49.7	51.7	50.8
	24	46.9	48.2	50.0	47.2	47.1	49.3	48.5	49.0	48.3	49.7	48.7	49.5
	25	48.5	47.3	47.6	45.2	45.8	46.9	47.9	48.0	48.0	49.4	49.3	50.2
	26	48.7	48.6	48.6	48.6	49.2	49.0	49.9	50.9	51.3	51.6	52.5	53.3
	27	49.7	49.3	48.7	—	—	—	—	—	—	—	—	—
	28	—	—	—	49.2	51.5	50.2	49.6	49.4	49.9	50.8	51.5	51.9
	29	48.5	47.0	48.0	49.5	49.1	49.6	50.0	50.5	50.6	51.4	51.7	51.1
30	46.0	48.2	48.6	49.1	—	49.8	50.4	50.0	52.0	51.6	51.3	52.0	
Hourly Means	47.10	46.54	46.96	47.41	47.69	47.90	47.93	48.07	48.52	48.95	49.19	49.50	

TEMPERATURE OF THE BIFILAR MAGNET.													
JUNE.	1	54.4	54.5	54.4	54.3	—	54.3	54.2	54.0	53.8	53.8	53.7	53.7
	2	55.6	55.4	55.2	54.9	54.6	54.2	54.0	53.8	53.5	53.3	53.2	53.0
	3	53.0	53.0	52.8	52.8	52.8	52.7	52.7	52.7	52.7	52.6	52.5	52.5
	4	54.5	54.8	54.9	55.0	—	55.1	55.0	55.0	55.0	54.8	54.7	54.6
	5	52.6	52.2	52.0	51.8	51.3	51.2	51.1	50.7	50.3	50.2	50.0	50.0
	6	51.3	51.2	51.3	—	—	—	—	—	—	—	—	—
	7	—	—	—	51.1	51.0	51.0	50.8	50.7	50.4	50.4	50.2	50.2
	8	50.3	50.2	50.0	49.8	—	49.4	49.2	49.0	49.0	48.8	48.6	48.6
	9	49.6	49.6	49.8	49.8	50.0	50.0	50.0	50.2	50.3	50.3	50.4	50.4
	10	51.6	51.7	51.6	51.7	51.6	51.5	51.3	51.3	51.0	50.8	50.6	50.4
	11	50.8	50.7	50.6	50.3	50.0	49.8	49.6	49.6	49.5	49.3	49.0	49.0
	12	48.4	48.2	48.0	47.8	47.7	47.5	47.5	47.0	—	46.6	46.3	46.2
	13	46.3	46.3	46.3	—	—	—	—	—	—	—	—	—
	14	—	—	—	48.4	48.5	48.5	48.6	48.6	48.7	48.7	48.7	48.8
	15	50.8	50.8	50.8	50.6	50.5	50.3	50.2	50.0	—	49.7	49.4	49.3
	16	48.3	48.5	48.5	48.5	48.6	48.4	48.2	48.2	—	48.0	48.2	48.0
	17	49.6	49.7	49.7	49.6	49.4	49.2	49.2	49.2	49.2	49.2	49.2	49.2
	18	50.6	50.7	50.8	50.9	50.8	50.8	50.9	51.0	—	—	—	51.5
	19	53.8	53.7	53.5	53.5	53.3	53.2	53.1	52.9	52.6	52.4	52.2	52.0
	20	50.7	50.6	50.5	—	—	—	—	—	—	—	—	—
	21	—	—	—	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.7	49.7
	22	49.8	49.8	49.8	49.8	49.8	49.8	49.7	49.7	49.4	49.4	49.2	49.2
	23	49.7	49.6	49.6	49.6	—	49.6	49.4	49.2	—	49.0	49.0	49.0
	24	50.2	50.0	50.0	50.0	49.8	49.8	49.8	49.6	49.4	49.3	49.3	49.2
	25	51.7	51.8	51.8	51.8	51.6	51.5	51.4	51.2	51.2	51.3	51.3	51.4
	26	51.6	51.5	51.3	51.2	51.0	50.6	50.4	50.0	49.8	49.4	49.3	49.1
	27	48.4	48.2	48.2	—	—	—	—	—	—	—	—	—
	28	—	—	—	48.5	48.6	48.7	48.7	48.7	48.6	48.6	48.6	48.5
	29	50.6	50.6	50.7	50.7	50.6	50.6	50.4	50.4	50.2	50.0	50.0	49.8
	30	49.2	49.0	49.0	48.8	—	48.5	48.3	48.3	48.3	48.3	48.2	48.2
Hourly Means	50.90	50.86	50.81	50.81	50.54	50.62	50.52	50.42	50.60	50.16	50.06	50.05	

HORIZONTAL FORCE.

One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah° = '000230.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
45.3	43.0	39.1	35.6	36.0	38.5	35.7	35.6	36.6	38.2	31.8	41.7	41.63
41.8	43.5	42.8	36.4	34.2	38.5	40.7	43.4	40.9	41.6	44.7	44.8	42.19
43.8	44.0	44.3	43.4	42.2	42.6	43.7	45.2	45.4	44.8	44.4	43.0	44.55
44.0	43.5	42.3	41.6	42.0	42.0	43.0	43.0	42.5	44.3	45.4	44.3	43.25
49.8	49.4	48.0	46.7	45.0	42.8	43.2	44.9	47.4	47.8	48.8	48.3	47.00
—	—	—	—	—	—	—	—	—	—	—	—	—
50.4	48.6	46.6	45.5	44.6	44.3	44.7	47.1	48.2	48.7	49.0	48.7	47.75
51.6	48.7	45.6	47.1	43.0	39.4	44.9	42.0	42.6	35.6	42.0	45.6	46.89
45.6	42.5	41.0	39.5	39.3	39.7	42.7	45.9	45.9	46.2	46.1	46.2	44.95
48.8	49.2	47.2	46.5	45.9	45.1	45.4	47.2	48.3	48.7	48.2	46.7	47.18
52.0	50.5	50.5	46.5	46.8	46.5	48.2	48.8	48.3	48.5	48.8	49.3	49.11
59.5	55.1	54.4	52.6	50.9	49.8	50.2	54.2	54.2	55.2	54.2	55.2	52.43
—	—	—	—	—	—	—	—	—	—	—	—	—
50.1	51.4	50.6	47.0	35.2	40.8	46.8	48.6	49.4	45.7	43.7	50.6	47.82
49.8	48.0	48.4	46.5	46.4	46.4	48.7	41.7	45.6	49.2	48.6	49.6	47.35
44.5	39.2	45.0	46.3	45.2	48.1	48.6	46.7	48.8	49.1	46.3	47.5	47.16
48.3	47.0	46.1	44.5	44.8	46.6	48.7	49.3	49.7	46.5	47.6	48.8	47.98
48.1	47.5	44.4	38.0	41.6	44.0	41.2	41.0	43.0	46.2	46.2	45.2	45.65
47.0	46.0	44.7	45.5	45.0	45.7	47.5	48.5	48.1	48.2	49.0	48.7	46.63
—	—	—	—	—	—	—	—	—	—	—	—	—
49.8	48.7	49.3	48.1	47.0	47.1	49.0	48.7	49.2	44.6	46.0	45.0	48.22
49.3	44.2	45.2	44.3	45.6	48.1	48.6	48.3	47.8	47.0	47.5	46.6	47.93
51.2	50.5	48.3	47.7	47.2	47.4	47.4	49.0	49.7	49.5	41.4	45.6	48.45
49.8	50.0	49.8	48.6	47.6	47.6	47.5	48.6	49.2	47.9	45.1	46.6	48.36
49.1	45.5	45.0	43.4	44.7	45.0	47.3	47.4	47.8	48.4	49.2	49.3	47.34
53.7	52.7	50.7	46.9	46.2	49.0	43.4	48.2	49.9	49.3	50.4	49.4	49.67
—	—	—	—	—	—	—	—	—	—	—	—	—
50.4	50.6	48.7	46.0	44.1	44.8	43.7	47.6	48.5	48.5	47.4	48.6	48.78
51.2	50.6	48.4	41.7	42.9	43.2	44.8	46.3	48.2	48.6	46.5	43.0	48.02
51.1	51.2	49.1	48.8	45.9	43.5	46.4	49.0	48.8	49.8	49.3	50.0	49.21
49.08	47.73	46.75	44.03	43.82	44.48	45.46	46.43	47.08	46.85	46.45	47.24	47.14

TEMPERATURE OF THE BIFILAR MAGNET.

53.6	53.6	53.7	54.0	54.3	54.8	55.3	55.5	55.6	55.6	55.6	55.6	54.45
52.8	52.7	53.0	53.1	53.1	53.2	53.2	53.1	53.2	53.2	53.2	53.2	53.65
52.4	52.2	52.2	52.2	52.5	52.8	53.1	53.3	53.8	54.0	54.1	54.2	52.90
54.3	54.0	54.0	54.2	54.0	53.8	53.8	53.8	53.6	53.3	53.0	52.8	54.26
50.0	50.0	50.0	50.3	50.6	50.9	51.0	51.2	51.2	51.2	51.3	51.3	50.93
—	—	—	—	—	—	—	—	—	—	—	—	—
50.0	50.0	50.2	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.3	50.54
48.4	48.4	48.4	48.5	48.4	48.4	48.8	48.8	49.0	49.0	49.3	49.4	49.03
50.4	50.5	50.6	50.6	50.8	50.8	51.0	51.2	51.2	51.2	51.3	51.3	50.48
50.3	50.3	50.3	50.2	50.3	50.4	50.5	50.6	50.7	50.8	50.8	50.8	50.88
48.9	48.7	48.6	48.6	48.6	48.6	48.8	48.8	48.8	48.8	48.8	48.6	49.28
45.8	45.8	45.8	45.8	45.6	46.0	46.2	46.2	46.3	46.3	46.3	46.3	46.68
—	—	—	—	—	—	—	—	—	—	—	—	—
48.9	48.9	49.1	49.3	49.6	49.8	50.0	50.4	50.6	50.8	50.8	50.8	48.98
49.0	48.6	48.4	48.4	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	49.27
48.0	47.7	47.8	48.2	48.4	48.7	49.0	49.3	49.4	49.5	49.6	49.6	48.55
49.3	49.3	49.3	49.3	49.0	49.2	49.6	49.8	50.0	50.3	50.4	50.5	49.52
51.6	51.8	52.0	52.2	52.7	52.9	53.1	53.4	53.5	53.8	53.8	53.8	52.03
52.0	51.8	51.8	51.5	51.5	51.4	51.3	51.2	51.2	51.0	50.9	50.8	52.19
—	—	—	—	—	—	—	—	—	—	—	—	—
49.6	49.4	49.4	49.2	49.4	49.3	49.4	49.5	49.5	49.5	49.6	49.6	49.72
49.0	49.0	49.0	49.0	49.0	49.0	49.2	49.4	49.6	49.7	49.7	49.7	49.45
49.1	49.1	49.2	49.3	49.6	49.9	50.0	50.2	50.2	50.2	50.2	50.2	49.59
49.1	49.0	49.2	49.4	49.8	50.2	51.0	51.0	51.2	51.3	51.2	51.4	50.00
51.3	51.2	51.2	51.2	51.3	51.4	51.4	51.5	51.6	51.6	51.7	51.6	51.46
49.1	48.9	48.7	48.7	48.6	48.5	48.4	48.4	48.4	48.4	48.4	48.4	49.50
—	—	—	—	—	—	—	—	—	—	—	—	—
48.6	48.7	48.8	49.0	49.3	49.5	49.7	50.0	50.2	50.2	50.3	50.4	49.04
49.7	49.6	49.6	49.6	49.5	49.6	49.6	49.8	49.6	49.6	49.6	49.4	49.99
48.0	48.0	48.0	48.2	48.1	48.1	48.1	48.3	48.7	48.8	48.8	48.7	48.43
49.97	49.90	49.94	50.01	50.10	50.23	50.40	50.52	50.61	50.65	50.67	50.65	50.41

HORIZONTAL FORCE.													
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.													
Mean Göttingen Time. }	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10.	11h.	
JULY.	1	50.3	50.1	50.7	50.7	50.1	49.8	52.5	50.5	—	51.8	52.8	54.3
	2	44.2	43.3	47.3	44.8	46.6	48.4	49.2	49.1	49.0	50.3	49.5	50.0
	3	49.2	42.7	44.3	49.1	46.0	46.6	46.3	47.7	48.2	49.4	50.0	52.0
	4	42.0	51.2	42.2	—	—	—	—	—	—	—	—	—
	5	—	—	—	51.2	51.3	51.0	50.8	50.3	52.0	52.8	50.2	48.9
	6	48.4	48.8	45.6	47.9	—	48.3	51.8	48.0	48.8	49.4	49.7	49.7
	7	49.7	49.4	53.2	51.2	49.4	48.7	49.2	49.3	49.7	50.8	49.7	50.3
	8	48.2	48.5	49.4	50.1	50.2	50.5	50.8	51.1	50.9	52.0	52.4	51.0
	9	49.1	48.6	49.0	49.9	50.0	49.5	49.8	49.7	50.4	50.3	50.3	51.3
	10	46.4	46.2	51.5	49.0	49.3	49.3	49.4	50.4	—	50.8	51.6	51.7
	11	45.0	47.3	43.5	—	—	—	—	—	—	—	—	—
	12	—	—	—	—	46.7	47.9	48.6	47.9	48.4	47.7	48.8	50.7
	13	46.9	46.2	48.0	48.0	—	49.7	50.3	50.2	50.5	51.0	52.1	48.9
	14	53.2	52.7	52.6	51.6	—	52.2	52.4	53.1	53.6	53.8	53.1	54.1
	15	49.6	52.1	52.3	52.7	55.2	51.4	50.5	52.6	51.8	51.8	53.3	53.2
	16	51.8	51.2	51.6	52.1	55.1	53.2	51.8	51.7	52.4	53.2	53.9	54.3
	17	49.8	51.3	51.4	50.0	51.6	52.2	53.0	53.6	52.6	52.6	53.6	53.9
	18	50.3	48.2	55.3	—	—	—	—	—	—	—	—	—
	19	—	—	—	48.1	51.3	51.7	49.8	50.0	—	51.5	52.9	52.8
	20	51.4	51.4	51.2	51.5	52.0	52.2	52.3	52.5	52.6	52.6	53.7	54.9
	21	50.1	51.2	51.3	50.2	50.0	49.9	49.5	50.0	50.2	51.0	51.8	53.5
	22	49.1	48.7	48.6	49.3	49.6	49.2	51.7	51.6	51.4	51.1	53.1	52.8
	23	46.2	46.7	47.6	50.5	45.9	47.0	46.9	47.3	47.9	48.2	48.5	50.3
	24	50.4	50.1	50.1	49.6	50.0	50.3	50.6	55.0	52.4	52.0	51.8	52.2
	25	47.4	47.2	45.8	—	—	—	—	—	—	—	—	—
	26	—	—	—	47.3	47.7	48.0	48.4	48.7	49.2	49.6	50.3	51.0
	27	47.4	47.5	46.8	51.3	48.2	46.6	47.3	47.0	—	47.8	48.2	49.9
	28	49.1	48.8	48.3	48.7	48.9	49.2	49.4	49.8	50.2	51.7	52.0	51.7
	29	47.5	46.5	44.4	42.9	41.2	40.7	46.5	48.3	—	46.2	46.8	47.0
	30	45.2	47.4	47.8	48.3	48.8	48.6	49.1	50.4	49.9	51.4	53.2	52.6
	31	47.4	49.0	50.4	48.9	47.6	52.3	51.9	48.5	49.4	50.3	51.8	47.7
Hourly Means	48.34	48.60	48.89	49.42	49.28	49.42	49.99	50.16	50.52	50.78	51.30	51.57	
TEMPERATURE OF THE BIFILAR MAGNET.													
JULY.	1	48.2	48.4	48.3	48.2	48.3	48.2	48.1	48.1	—	47.8	47.6	47.6
	2	48.7	48.7	48.6	48.4	48.2	48.0	47.8	47.6	47.3	47.2	47.0	47.0
	3	48.0	48.0	48.0	47.8	47.5	47.3	47.1	47.0	46.8	46.8	46.6	46.4
	4	47.4	47.4	47.4	—	—	—	—	—	—	—	—	—
	5	—	—	—	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.7
	6	46.5	46.6	46.5	46.4	—	46.2	46.0	46.0	46.0	46.0	46.0	46.0
	7	46.9	46.9	46.8	46.8	46.6	46.5	46.5	46.5	46.4	46.2	46.2	46.0
	8	46.7	46.7	46.6	46.4	46.4	46.4	46.4	46.2	46.2	46.1	46.0	46.1
	9	48.6	48.6	48.6	48.4	48.5	48.5	48.5	48.6	48.6	48.6	48.5	48.5
	10	49.5	49.3	49.2	49.0	49.1	49.0	48.8	48.6	—	48.2	48.0	48.0
	11	48.9	48.9	49.0	—	—	—	—	—	—	—	—	—
	12	—	—	—	—	47.3	47.1	46.9	46.9	46.9	46.7	46.6	46.4
	13	47.2	46.8	46.3	46.0	—	46.3	46.2	46.0	45.6	45.4	45.0	45.0
	14	45.0	44.9	44.8	44.6	—	44.0	43.8	43.6	43.5	43.3	43.1	43.0
	15	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.7	43.6	43.3	43.1	43.1
	16	44.2	44.3	44.6	44.6	44.6	44.4	44.3	44.2	44.0	43.8	43.8	43.6
	17	45.0	45.0	45.0	44.9	44.6	44.4	44.2	44.0	44.0	44.0	43.8	43.8
	18	43.8	44.0	44.0	—	—	—	—	—	—	—	—	—
	19	—	—	—	46.3	46.3	46.2	46.2	46.0	—	45.6	45.2	45.0
	20	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.4	45.6
	21	47.6	47.8	47.8	47.8	47.8	47.6	47.5	47.5	47.4	47.3	47.0	46.9
	22	48.4	48.4	48.3	48.3	48.2	48.1	48.0	48.0	48.0	47.8	47.6	47.6
	23	49.2	49.3	49.5	49.7	49.8	49.6	49.6	49.4	49.3	49.2	49.2	49.0
	24	50.8	50.7	50.6	50.4	50.2	50.1	50.0	49.8	49.6	49.8	49.0	49.0
	25	50.8	50.8	50.8	—	—	—	—	—	—	—	—	—
	26	—	—	—	50.8	50.8	50.6	50.6	50.6	50.3	50.2	50.1	50.0
	27	51.3	51.5	51.6	51.4	51.4	51.4	51.3	51.2	—	50.8	50.6	50.5
	28	50.7	50.6	50.4	50.3	50.2	50.0	49.8	49.6	49.4	49.0	49.0	48.8
	29	48.3	48.4	48.5	48.6	48.7	48.7	49.0	49.2	—	49.0	49.0	48.9
	30	49.0	48.8	48.8	48.8	48.8	48.8	48.7	48.7	48.7	48.6	48.6	48.5
	31	48.1	48.0	48.0	47.9	47.9	47.9	47.7	47.6	47.4	47.2	47.0	46.8
Hourly Means	47.70	47.70	47.67	47.56	47.75	47.41	47.33	47.24	46.82	46.96	46.84	46.77	

HORIZONTAL FORCE.

One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
53.2	51.7	51.4	48.6	48.0	48.8	49.1	49.4	44.4	47.8	41.4	40.4	49.50
47.7	46.3	46.1	45.5	44.7	45.6	47.3	46.7	44.2	44.2	44.3	43.8	46.59
52.4	49.7	47.0	45.6	43.4	42.2	41.0	38.0	45.2	45.2	41.2	40.6	45.96
—	—	—	—	—	—	—	—	—	—	—	—	—
48.5	49.1	48.3	45.9	44.2	42.0	48.8	50.5	48.0	48.2	47.8	46.0	48.38
48.4	45.7	40.7	45.6	45.4	45.7	46.2	36.2	46.7	49.3	49.6	48.7	47.16
49.6	46.9	45.8	48.8	48.9	44.3	43.8	48.1	50.1	49.3	49.5	49.3	48.96
50.3	49.7	48.5	47.1	47.3	48.3	47.1	48.0	47.3	49.4	49.7	48.8	49.44
50.2	49.6	47.0	47.4	44.8	45.2	45.0	45.7	45.2	46.7	47.0	46.6	48.26
53.0	51.5	50.0	48.5	49.4	50.6	51.2	54.5	53.5	50.5	46.7	46.5	50.07
—	—	—	—	—	—	—	—	—	—	—	—	—
51.0	49.2	44.7	42.5	45.0	45.9	49.5	50.3	50.4	42.4	49.2	52.6	47.63
47.5	47.4	47.0	48.3	46.8	46.9	49.5	47.0	51.3	49.0	49.4	49.2	48.74
56.0	53.8	51.1	49.4	47.1	48.7	49.1	47.3	52.0	53.3	52.2	50.3	51.86
52.1	50.5	48.8	48.9	48.0	47.4	49.2	52.0	53.4	53.5	54.0	53.4	51.57
53.4	50.6	51.2	49.8	49.8	51.2	52.3	53.2	48.5	48.6	51.2	50.2	51.76
53.9	53.3	52.9	52.3	50.8	50.1	52.1	53.2	54.6	52.5	51.0	49.0	52.14
—	—	—	—	—	—	—	—	—	—	—	—	—
53.0	51.8	50.6	51.2	49.5	48.6	48.0	50.1	49.5	51.0	51.1	50.4	50.73
55.2	54.0	50.5	48.7	48.2	48.6	48.6	46.8	51.3	51.9	48.9	47.5	51.19
52.7	52.0	49.9	48.3	46.8	47.3	48.2	47.9	46.5	47.8	49.9	49.6	49.82
53.8	52.6	51.0	48.7	49.1	49.7	50.2	50.7	49.4	50.4	45.2	46.4	50.14
51.7	51.5	50.3	48.6	48.5	48.4	49.8	50.1	50.2	50.3	50.3	50.3	48.88
52.9	50.7	45.4	47.6	47.4	44.8	46.1	41.8	46.5	43.5	47.3	47.8	49.01
—	—	—	—	—	—	—	—	—	—	—	—	—
50.6	48.8	45.2	45.1	44.7	46.2	47.7	49.2	47.0	47.7	47.7	46.8	47.80
50.9	51.3	46.6	44.5	44.0	42.2	45.3	46.6	44.5	43.7	48.9	49.5	47.26
52.5	51.6	50.6	50.1	51.5	50.3	51.2	53.1	52.6	50.7	49.1	48.6	50.40
48.1	43.8	46.5	47.6	47.1	48.0	48.3	45.8	47.2	44.7	46.0	46.2	45.97
48.4	45.1	47.5	41.7	38.5	40.5	43.6	46.5	48.7	49.2	48.1	48.6	47.46
47.9	44.2	43.2	43.4	45.5	46.7	43.5	48.4	48.0	50.4	50.1	49.9	48.18
51.29	49.72	48.05	47.39	46.83	46.82	47.84	48.04	48.75	48.56	48.40	48.04	49.07

TEMPERATURE OF THE BIFILAR MAGNET

47.4	47.3	47.5	47.8	48.1	48.3	48.3	48.3	48.4	48.5	48.5	48.6	48.08
47.0	46.9	47.0	47.1	47.0	47.2	47.4	47.6	47.8	47.8	47.8	48.0	47.63
46.2	46.0	46.0	46.0	46.0	46.2	46.5	46.8	47.0	47.3	47.4	47.6	46.93
—	—	—	—	—	—	—	—	—	—	—	—	—
45.7	45.8	45.8	46.0	46.0	46.2	46.2	46.4	46.5	46.5	46.6	46.6	46.19
45.8	45.8	45.8	46.0	46.0	46.0	46.3	46.6	46.8	46.7	46.5	46.9	46.23
45.8	45.8	45.8	45.9	46.2	46.3	46.4	46.4	46.6	46.8	46.8	46.7	46.41
46.0	46.0	46.3	46.5	46.8	47.2	47.6	47.8	48.0	48.2	48.4	48.4	46.81
48.4	48.4	48.5	48.6	48.8	49.0	49.0	49.2	49.4	49.5	49.5	49.5	48.76
48.0	48.0	48.0	48.1	48.2	48.3	48.3	48.3	48.5	48.7	48.8	48.9	48.56
—	—	—	—	—	—	—	—	—	—	—	—	—
46.4	46.2	46.2	46.4	46.5	46.8	46.9	47.0	47.0	47.0	47.1	47.0	47.05
44.8	44.7	44.6	44.6	44.5	44.6	44.8	45.0	45.0	45.1	45.0	45.0	45.37
43.0	42.9	42.9	43.0	43.2	43.2	43.3	43.4	43.6	43.8	43.8	43.8	43.63
42.8	42.8	42.8	42.8	43.0	43.2	43.6	43.8	44.0	44.0	44.1	44.2	43.52
43.6	43.5	43.5	43.6	43.6	44.0	44.2	44.5	44.8	45.0	45.1	45.1	44.20
43.7	43.5	43.5	43.6	43.6	43.5	43.5	43.6	43.8	43.6	43.8	43.8	44.01
—	—	—	—	—	—	—	—	—	—	—	—	—
45.0	44.9	44.6	44.6	44.5	44.6	44.8	45.0	45.0	45.2	45.3	45.3	45.10
45.6	45.9	46.0	46.2	46.0	46.4	46.6	46.8	47.0	47.2	47.4	47.6	45.90
46.6	46.4	46.4	46.3	46.5	46.7	47.0	47.2	47.7	48.1	48.3	48.3	47.31
47.4	47.3	47.2	47.3	47.2	47.5	48.0	48.6	48.8	49.0	49.1	49.3	48.06
49.1	49.0	49.0	49.2	49.3	49.7	50.0	50.4	50.6	50.8	50.8	50.8	49.65
48.8	48.8	48.8	49.0	49.3	49.8	50.0	50.2	50.6	50.7	50.8	51.0	49.91
—	—	—	—	—	—	—	—	—	—	—	—	—
49.8	49.8	49.8	49.8	50.0	50.2	50.4	50.8	50.8	51.2	51.3	51.2	50.48
50.4	50.2	50.2	50.0	50.1	50.2	50.3	50.6	50.6	50.7	50.7	50.7	50.77
48.7	48.5	48.5	48.3	48.3	48.3	48.3	48.3	48.3	48.5	48.5	48.4	49.03
49.0	48.9	48.9	48.9	48.8	48.8	48.8	48.8	49.0	49.0	49.0	49.0	48.83
48.5	48.7	48.4	48.4	48.4	48.5	48.4	48.6	48.5	48.5	48.4	48.2	48.60
46.8	46.6	46.4	46.4	46.6	46.6	46.6	46.7	46.8	46.8	47.0	47.0	47.16
46.68	46.62	46.61	46.68	46.76	46.94	47.10	47.29	47.44	47.56	47.62	47.66	47.35

HORIZONTAL FORCE.												
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah. = '000230.												
Mean Göttingen Time. } AUGUST.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.
	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
1	48·2	49·2	53·2	—	—	—	—	—	—	—	—	—
2	—	—	—	51·0	50·4	50·9	52·4	51·8	52·5	52·2	53·4	53·6
3	51·3	50·8	50·7	50·7	50·3	51·6	54·4	52·5	52·2	52·5	52·9	52·1
4	46·8	49·4	50·1	49·6	50·4	51·2	51·8	52·0	—	52·0	53·3	53·8
5	52·5	52·5	52·4	52·1	51·7	52·0	52·3	52·2	53·5	53·8	55·0	54·6
6	52·1	47·6	48·8	50·3	50·7	53·2	51·8	51·0	—	56·0	57·7	58·0
7	50·3	43·6	44·3	44·0	45·5	46·7	47·6	49·9	49·6	45·5	51·8	50·7
8	42·0	47·4	44·2	—	—	—	—	—	—	—	—	—
9	—	—	—	41·0	46·6	46·8	46·8	46·3	47·6	49·4	50·4	51·6
10	47·3	46·0	49·2	47·4	50·4	50·5	50·8	50·9	50·0	51·0	53·8	54·8
11	50·2	51·0	50·9	51·0	50·1	49·0	51·0	51·1	52·6	52·7	51·1	54·0
12	47·8	48·8	48·2	46·0	47·0	45·2	45·8	46·0	—	44·7	45·6	45·5
13	42·2	50·3	36·9	37·0	42·3	41·8	41·1	45·2	43·8	44·6	45·3	46·3
14	42·9	44·3	44·0	43·5	43·5	43·5	43·0	44·0	45·9	45·0	47·7	44·4
15	40·0	45·5	45·0	—	—	—	—	—	—	—	—	—
16	—	—	—	46·4	46·6	46·4	46·3	45·9	46·1	47·3	48·7	44·0
17	46·8	45·7	46·1	46·7	46·9	46·8	48·0	50·6	47·3	47·8	48·2	48·7
18	44·8	45·6	45·9	47·5	47·1	46·9	49·0	47·4	46·5	46·7	47·6	47·6
19	42·6	44·3	44·7	45·7	45·4	47·5	48·1	46·2	47·1	47·6	47·9	49·0
20	48·3	48·0	49·2	51·0	—	50·0	49·3	49·1	49·9	50·2	51·2	52·1
21	49·8	51·8	46·9	48·2	—	49·3	50·5	51·2	49·8	56·4	53·1	53·0
22	48·5	51·0	48·0	—	—	—	—	—	—	—	—	—
23	—	—	—	47·3	48·2	48·6	49·8	51·0	51·7	52·7	52·2	53·0
24	46·0	44·7	46·0	47·0	47·0	49·1	49·3	49·6	48·5	49·5	49·6	48·2
25	41·4	41·6	45·8	46·4	—	47·4	47·5	51·7	48·7	49·6	50·6	49·4
26	49·3	51·1	50·7	52·7	—	48·7	49·4	49·5	—	50·8	52·6	54·0
27	51·2	48·7	49·0	50·3	50·4	50·1	51·3	51·6	53·0	54·4	51·1	44·1
28	45·7	46·0	46·6	49·3	49·5	49·6	48·9	51·1	49·6	50·5	46·2	46·5
29	46·4	46·0	55·4	—	—	—	—	—	—	—	—	—
30	—	—	—	46·1	46·3	46·5	47·7	47·9	48·2	48·6	50·3	48·0
31	48·4	47·8	48·0	49·5	48·6	48·6	48·4	48·8	49·0	49·5	50·1	50·5
Hourly Means	47·01	47·64	47·70	47·60	47·99	48·38	48·93	49·40	49·23	50·04	50·67	50·29

TEMPERATURE OF THE BIFILAR MAGNET.												
AUGUST.	1	2	3	4	5	6	7	8	9	10	11	12
1	47·0	47·0	47·0	—	—	—	—	—	—	—	—	—
2	—	—	—	45·4	45·2	45·2	45·2	45·0	45·0	45·0	45·0	45·1
3	46·0	46·0	45·9	45·9	45·8	45·7	45·6	45·5	45·2	45·0	45·0	45·0
4	46·2	46·2	46·1	46·0	46·0	45·8	45·4	45·2	—	44·7	44·6	44·4
5	45·2	45·0	44·8	44·8	44·8	44·5	44·4	44·4	44·2	44·0	43·9	43·6
6	45·2	45·0	44·8	44·6	44·4	44·2	44·0	43·6	—	43·0	42·8	42·6
7	43·4	43·6	43·7	43·8	43·8	43·8	44·0	44·2	44·0	43·8	43·8	43·8
8	46·6	47·0	47·2	—	—	—	—	—	—	—	—	—
9	—	—	—	46·2	46·1	45·8	45·7	45·6	45·4	45·0	45·0	44·8
10	44·2	44·2	44·1	44·1	43·8	43·6	43·4	43·2	43·1	43·0	43·0	43·0
11	44·6	44·6	44·6	44·5	44·4	44·3	44·3	44·3	44·4	44·3	44·3	44·3
12	48·3	48·1	48·2	48·3	48·5	48·7	48·8	49·0	—	49·2	49·0	49·0
13	52·1	52·2	52·2	52·3	52·3	52·2	52·0	52·0	52·2	52·0	52·0	52·0
14	53·0	53·0	52·8	52·4	52·1	52·0	51·8	51·5	51·3	51·2	51·0	50·8
15	52·2	52·2	52·2	—	—	—	—	—	—	—	—	—
16	—	—	—	51·0	50·8	50·8	50·6	50·4	50·2	50·1	49·9	49·7
17	50·0	50·0	50·0	50·0	49·9	49·8	49·7	49·6	49·7	49·6	49·4	49·2
18	51·4	51·6	51·7	51·7	51·8	51·7	51·7	51·8	51·8	51·8	51·8	51·8
19	52·0	51·8	51·6	51·4	51·2	51·0	50·8	50·7	50·4	50·1	50·0	49·8
20	49·4	49·2	49·0	48·8	—	48·2	48·0	47·9	47·8	47·6	47·3	47·2
21	48·1	48·2	48·0	48·0	—	47·8	47·6	47·4	47·4	47·0	46·8	46·8
22	49·2	49·0	49·0	—	—	—	—	—	—	—	—	—
23	—	—	—	49·9	49·8	49·8	49·7	49·5	49·4	49·3	49·2	49·0
24	51·7	51·8	51·7	51·7	51·7	51·6	51·4	51·3	51·2	51·0	50·8	50·7
25	51·0	50·8	50·7	50·6	—	50·0	50·0	49·8	49·7	49·5	49·3	49·1
26	48·0	47·8	47·8	47·6	—	47·2	46·8	46·7	—	46·6	46·5	46·4
27	46·8	46·7	46·8	46·8	46·9	47·0	46·9	46·7	46·6	46·6	46·4	46·2
28	49·2	49·0	48·9	48·8	48·6	48·4	48·2	48·0	47·8	47·6	47·4	47·4
29	49·0	49·2	49·1	—	—	—	—	—	—	—	—	—
30	—	—	—	49·6	49·6	49·7	49·7	49·7	49·6	49·4	49·4	49·4
31	51·1	51·1	51·1	51·0	50·8	50·8	50·8	50·6	50·6	50·5	50·3	50·3
Hourly Means	48·50	48·47	48·38	48·28	48·10	48·06	47·94	47·83	48·05	47·57	47·46	47·36

HORIZONTAL FORCE.

One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
50.9	50.3	49.4	47.7	44.6	50.2	52.2	50.6	50.3	50.0	51.5	52.0	50.77
52.5	51.3	49.2	50.4	50.7	50.7	50.8	51.5	52.3	51.8	—	47.6	51.34
52.7	52.0	51.7	51.4	49.8	52.7	52.3	52.7	52.2	50.0	52.5	52.6	51.43
54.4	52.0	51.7	51.5	51.3	51.6	52.5	52.7	54.6	52.3	54.1	49.5	52.62
57.1	53.4	46.5	42.2	38.0	43.0	45.7	48.0	44.3	42.6	43.6	49.9	49.20
50.3	48.7	49.2	48.9	38.7	42.1	43.5	40.4	44.3	44.5	61.9	47.6	47.07
—	—	—	—	—	—	—	—	—	—	—	—	—
50.3	48.9	44.6	41.0	43.2	43.7	41.6	42.7	46.7	52.2	45.6	48.3	46.20
54.0	49.8	49.0	50.2	50.6	46.8	49.1	47.8	49.0	51.7	51.9	50.7	50.11
51.6	49.9	48.4	45.6	49.0	49.0	48.8	45.2	47.5	50.8	50.2	50.5	50.05
46.2	47.9	46.7	42.9	41.0	42.5	39.3	42.9	41.5	41.4	37.9	42.8	44.50
45.5	45.4	44.7	42.4	44.0	40.2	38.0	38.5	39.9	40.5	43.4	40.0	42.47
44.9	44.8	43.2	38.8	39.1	38.0	40.0	45.7	41.0	41.0	54.1	52.1	43.93
—	—	—	—	—	—	—	—	—	—	—	—	—
49.9	48.9	47.2	45.3	43.7	41.3	40.5	38.8	41.0	44.3	44.9	42.0	44.83
46.4	42.8	42.8	38.3	41.2	42.9	45.0	46.3	46.8	47.3	45.9	46.7	45.92
46.8	45.8	41.9	43.0	45.2	42.6	45.5	46.5	45.3	45.5	46.1	49.6	46.10
48.2	48.0	46.2	42.8	44.3	44.6	46.2	43.4	44.8	47.4	48.8	48.2	46.25
51.2	50.7	49.7	48.5	47.8	48.3	50.0	50.2	50.2	49.2	46.6	49.0	49.55
51.5	50.0	48.7	49.1	47.3	47.8	49.8	48.8	45.5	48.6	49.9	48.6	49.80
—	—	—	—	—	—	—	—	—	—	—	—	—
51.0	49.5	48.1	45.9	45.7	46.0	46.4	47.6	48.8	48.8	48.9	48.8	49.06
44.0	43.8	43.3	39.9	38.3	42.3	39.6	43.9	47.5	47.2	43.6	38.9	45.28
44.3	49.0	42.7	40.7	40.4	44.7	45.7	48.7	48.7	46.5	45.3	48.6	46.32
54.2	54.4	52.6	48.5	45.1	44.9	44.8	48.2	47.0	47.6	46.5	47.4	49.55
46.8	49.1	48.4	46.0	45.1	45.5	46.7	49.0	53.3	51.4	48.0	48.5	49.29
51.8	49.8	44.8	29.9	31.4	42.5	45.7	48.4	44.2	47.7	47.0	45.6	46.18
—	—	—	—	—	—	—	—	—	—	—	—	—
47.9	47.2	45.8	43.0	43.0	46.7	45.0	46.4	47.9	48.0	48.2	51.6	47.42
49.8	47.8	47.7	40.2	42.3	44.2	46.2	47.7	47.6	48.4	48.0	48.1	47.72
49.78	48.89	47.08	44.39	43.88	45.18	45.80	46.64	47.00	47.56	48.17	47.89	47.79

TEMPERATURE OF THE BIFILAR MAGNET.

45.0	44.8	44.9	45.2	45.3	45.4	45.5	45.8	45.8	46.0	46.0	46.0	45.53
45.0	45.0	45.0	45.2	45.6	45.7	46.0	46.1	46.2	46.3	—	46.2	45.60
44.2	44.1	44.0	43.9	44.0	44.0	44.2	44.8	45.0	45.0	45.0	45.2	44.96
43.4	43.4	43.2	43.5	43.8	43.8	44.5	44.6	45.0	45.2	45.2	45.2	44.35
42.5	42.3	42.5	42.4	42.4	42.4	42.4	42.4	42.4	42.7	43.0	43.3	43.26
43.7	43.7	43.8	44.1	44.3	44.8	45.3	46.0	46.2	46.6	46.6	46.6	44.48
—	—	—	—	—	—	—	—	—	—	—	—	—
44.8	44.7	44.7	44.7	44.5	44.4	44.4	44.4	44.3	44.3	44.2	44.0	45.16
42.9	43.0	43.1	43.1	43.4	43.6	43.8	44.0	44.2	44.4	44.4	44.6	43.63
44.2	44.4	44.5	44.8	45.2	45.9	46.2	46.7	47.2	47.2	47.6	47.9	45.20
49.0	49.1	49.6	49.8	50.2	50.5	50.8	51.2	51.5	51.6	51.7	51.8	49.65
52.1	52.1	52.0	52.0	52.2	52.3	52.7	52.8	53.0	53.2	53.2	53.2	52.35
50.6	50.4	50.4	50.4	50.6	50.8	51.0	51.3	51.6	51.8	51.9	52.0	51.49
—	—	—	—	—	—	—	—	—	—	—	—	—
49.5	49.3	49.3	49.3	49.4	49.6	49.6	49.8	50.0	50.2	50.2	50.2	50.27
49.4	49.4	49.4	49.4	49.7	50.0	50.2	50.5	50.8	51.2	51.3	51.5	49.99
51.8	51.7	51.7	51.8	51.7	51.9	52.0	52.0	52.2	52.0	51.8	51.8	51.79
49.6	49.5	49.5	49.5	49.4	49.4	49.5	49.6	49.8	49.8	49.6	49.6	50.23
47.0	46.6	46.6	46.6	46.8	46.8	47.2	47.4	47.8	48.0	48.1	48.3	47.72
46.4	46.5	46.7	46.9	47.3	47.8	48.2	48.5	48.8	49.1	49.1	49.1	47.72
—	—	—	—	—	—	—	—	—	—	—	—	—
48.8	48.8	48.8	49.2	49.7	50.0	50.2	50.6	50.8	51.2	51.2	51.4	49.73
50.5	50.3	50.2	50.2	50.3	50.4	50.6	50.7	50.9	50.9	51.0	51.0	50.98
49.2	49.0	48.9	48.8	48.7	48.6	48.7	48.7	48.8	48.6	48.4	48.2	49.35
46.4	46.4	46.2	46.2	46.2	46.2	46.3	46.5	46.6	46.7	46.7	46.7	46.75
46.2	46.1	46.3	46.7	47.0	47.3	48.0	48.3	48.5	48.8	48.9	49.1	47.15
47.4	47.0	47.6	47.6	47.6	47.6	47.8	48.0	48.5	48.8	49.0	49.2	48.14
—	—	—	—	—	—	—	—	—	—	—	—	—
49.4	49.3	49.5	49.8	50.2	50.3	50.5	50.6	50.7	51.0	51.0	51.1	49.87
50.4	50.3	50.3	50.3	50.4	50.8	51.0	51.4	51.8	51.8	51.8	51.8	50.88
47.28	47.20	47.30	47.36	47.53	47.70	47.95	48.18	48.40	48.55	48.68	48.65	47.95

HORIZONTAL FORCE.													
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.													
Mean Göttingen Time.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
SEPTEMBER.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
	1	47.4	46.3	46.4	46.2	48.0	48.0	47.5	48.0	48.7	49.6	50.9	51.3
	2	48.0	48.2	48.4	48.4	49.4	49.6	49.8	50.0	49.4	50.1	51.4	50.6
	3	48.3	48.7	48.8	49.4	46.0	50.2	50.7	50.9	51.0	51.7	52.7	52.4
	4	39.9	44.7	40.4	42.9	43.8	44.8	46.4	45.5	46.7	47.3	47.7	47.5
	5	42.0	44.5	43.7	—	—	—	—	—	—	—	—	—
	6	—	—	—	46.8	46.7	46.6	46.2	46.4	46.4	47.7	47.5	47.3
	7	47.1	46.2	48.0	44.5	45.5	45.5	45.7	45.8	—	47.3	48.9	48.7
	8	39.1	36.8	41.4	38.9	42.5	40.6	44.8	39.2	47.4	48.2	42.9	42.8
	9	41.1	43.8	44.3	42.6	42.2	41.8	41.8	42.8	42.7	42.3	42.9	44.3
	10	42.3	42.0	42.0	40.2	42.1	43.2	43.5	43.8	41.9	44.2	43.5	42.7
	11	34.8	42.0	39.0	38.8	39.1	41.7	48.2	40.0	39.8	39.5	34.7	39.6
	12	49.4	45.2	42.8	—	—	—	—	—	—	—	—	—
	13	—	—	—	48.0	46.6	46.6	47.1	47.0	47.5	48.1	45.9	47.4
	14	42.4	51.0	47.0	47.0	45.9	48.5	46.6	46.0	46.2	46.2	48.3	47.4
	15	44.8	45.8	47.4	50.7	46.7	47.2	47.6	48.4	48.3	48.4	47.5	47.0
	16	48.0	48.6	47.0	46.2	46.2	46.7	47.0	47.8	47.9	48.4	48.9	47.5
	17	40.6	42.1	43.5	43.3	44.1	44.7	45.0	47.1	47.0	47.2	46.6	46.7
	18	42.8	47.7	45.1	46.1	46.7	47.0	47.2	46.8	47.5	49.1	49.2	48.2
	19	49.5	49.3	48.0	—	—	—	—	—	—	—	—	—
	20	—	—	—	51.4	50.3	50.6	51.0	51.4	52.0	52.5	53.9	53.4
	21	48.8	48.1	48.9	49.4	—	51.4	53.0	52.6	54.0	53.8	49.5	48.2
	22	22.9	45.4	28.4	28.5	19.0	25.1	41.8	36.5	35.0	27.6	30.0	33.2
	23	42.9	42.0	43.0	44.0	43.4	44.5	45.2	45.8	46.1	45.8	47.7	47.0
	24	42.3	40.8	40.5	41.7	41.0	40.8	41.7	45.9	42.0	45.6	44.4	43.5
	25	42.1	41.8	42.0	42.2	43.2	44.5	45.0	43.0	44.5	45.5	44.8	44.4
	26	40.6	45.4	43.3	—	—	—	—	—	—	—	—	—
	27	—	—	—	47.2	47.0	47.5	47.8	49.0	50.1	49.7	49.4	49.0
	28	46.1	46.5	46.8	47.0	—	—	—	—	47.8	48.0	49.4	47.3
	29	47.1	47.1	47.3	47.2	47.8	47.5	48.2	49.1	49.5	49.8	50.3	50.1
30	44.5	44.2	45.1	44.7	44.5	44.8	45.0	44.7	43.9	45.8	45.5	43.8	
Hourly Means	43.29	45.16	44.17	44.84	44.24	45.17	46.55	46.14	46.53	46.90	46.71	46.59	
TEMPERATURE OF THE BIFILAR MAGNET.													
SEPTEMBER.	1	51.8	51.6	51.4	51.2	51.0	50.8	50.7	50.5	50.4	50.3	50.1	50.0
	2	51.5	51.3	51.1	51.0	50.8	50.8	50.6	50.5	50.4	50.3	50.2	50.0
	3	50.0	50.0	49.9	49.8	49.7	49.7	49.6	49.4	49.3	49.0	49.0	49.1
	4	48.6	48.6	48.6	48.2	48.0	47.8	47.7	47.5	47.5	47.4	47.3	47.2
	5	48.0	48.0	48.2	—	—	—	—	—	—	—	—	—
	6	—	—	—	47.8	47.8	47.8	47.8	47.8	47.7	47.7	47.5	47.5
	7	50.3	50.3	50.3	50.0	50.0	50.0	50.0	49.8	—	49.2	49.0	48.8
	8	51.1	51.0	51.0	50.9	50.9	50.8	50.8	50.9	50.8	50.5	50.3	50.2
	9	52.3	52.4	52.5	52.5	52.5	52.5	52.7	52.5	52.7	52.8	52.8	52.8
	10	56.0	56.0	56.0	56.1	56.0	56.0	56.0	56.0	56.0	55.8	55.6	55.4
	11	55.1	55.0	54.7	54.5	54.2	54.0	53.7	53.5	53.2	53.0	52.8	52.8
	12	52.5	52.3	52.2	—	—	—	—	—	—	—	—	—
	13	—	—	—	51.0	51.0	51.0	51.0	51.0	51.0	50.8	50.7	50.6
	14	49.8	49.5	49.4	49.2	49.3	49.2	48.9	48.8	48.5	48.3	48.3	48.3
	15	49.3	49.3	49.2	49.1	48.8	48.6	48.4	48.2	48.0	47.8	47.6	47.3
	16	50.7	50.8	51.0	51.0	51.2	51.2	51.2	51.2	51.6	51.5	51.5	51.5
	17	54.1	54.0	54.0	54.0	54.2	54.2	54.0	53.8	53.6	53.4	53.2	53.2
	18	54.1	53.8	53.6	53.4	53.0	52.8	52.6	52.2	52.0	51.8	51.5	51.2
	19	51.6	51.4	51.2	—	—	—	—	—	—	—	—	—
	20	—	—	—	50.3	50.2	50.1	50.0	50.0	49.8	49.6	49.6	49.4
	21	52.0	51.9	51.7	51.5	—	50.8	50.4	50.2	50.0	50.0	49.5	49.5
	22	52.1	52.2	52.2	52.2	52.0	52.0	51.8	51.6	51.2	51.0	50.7	50.7
	23	53.2	53.0	53.0	52.8	52.8	52.7	52.7	52.7	52.4	52.2	52.2	52.2
	24	57.0	57.4	57.5	57.4	57.2	57.2	56.9	56.6	56.3	56.5	55.8	55.8
	25	58.0	58.0	58.0	57.8	57.5	57.4	57.2	57.0	56.8	56.6	56.4	56.3
	26	57.8	57.5	57.3	—	—	—	—	—	—	—	—	—
	27	—	—	—	52.2	52.0	51.8	51.6	51.4	51.1	51.0	50.8	50.7
	28	53.7	53.6	53.6	53.4	—	—	—	—	52.2	51.8	51.8	51.6
	29	53.8	53.6	53.5	53.3	53.2	53.1	52.8	52.5	52.2	52.0	51.8	51.8
	30	57.6	57.8	58.0	58.0	58.2	58.2	58.2	58.3	58.1	58.0	57.8	57.7
Hourly Means	52.77	52.70	52.65	52.25	52.15	52.02	51.90	51.76	51.71	51.47	51.30	51.22	

HORIZONTAL FORCE.

One Scale Division = '000217 parts in the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div. 49.4	Sc. Div. 47.9	Sc. Div. 45.7	Sc. Div. 43.5	Sc. Div. 41.6	Sc. Div. 44.0	Sc. Div. 44.5	Sc. Div. 45.1	Sc. Div. 46.9	Sc. Div. 47.2	Sc. Div. 47.7	Sc. Div. 47.2	Sc. Div. 47.04
50.1	48.0	46.0	45.1	45.4	46.2	47.2	47.5	44.4	46.4	48.8	48.8	48.22
51.5	49.2	47.6	46.5	49.1	48.0	46.5	45.7	46.6	41.2	47.7	41.9	48.60
48.6	48.6	45.3	46.3	44.6	46.8	46.5	47.4	43.0	46.5	45.7	38.3	45.22
—	—	—	—	—	—	—	—	—	—	—	—	—
46.3	46.5	45.6	44.6	43.3	43.8	44.7	44.8	46.6	46.7	46.2	46.3	45.72
48.4	47.2	48.0	44.0	43.4	44.8	46.3	43.6	42.2	42.5	41.7	42.2	45.58
—	43.8	44.4	44.5	43.1	43.4	45.0	46.2	46.2	46.2	45.5	41.2	43.22
45.0	44.3	42.5	41.0	39.4	37.8	41.3	42.7	42.9	42.0	41.7	41.8	42.32
40.4	44.5	43.0	40.5	42.0	42.8	41.6	43.7	48.1	33.0	38.0	39.5	42.10
41.0	35.0	35.2	34.7	35.4	40.7	43.8	44.4	42.1	50.8	40.9	41.8	40.12
—	—	—	—	—	—	—	—	—	—	—	—	—
47.6	46.5	42.9	41.5	42.9	45.0	45.6	45.7	47.0	40.7	41.7	42.0	45.45
49.1	47.4	47.2	48.7	45.5	47.0	44.1	46.7	45.8	46.7	42.8	45.4	46.62
49.0	49.0	47.6	47.7	48.5	51.6	50.8	50.1	48.6	48.5	48.5	48.4	48.25
47.5	45.8	40.7	41.1	42.2	43.6	43.4	46.7	46.8	47.0	43.0	39.9	45.75
44.7	41.2	40.0	39.5	40.3	41.9	43.6	45.7	45.6	43.6	45.8	44.6	43.93
46.5	43.8	40.7	40.0	40.8	45.2	47.0	48.1	49.2	47.6	47.8	48.4	46.19
—	—	—	—	—	—	—	—	—	—	—	—	—
51.4	49.7	47.0	46.5	46.5	47.6	48.7	45.6	47.8	49.2	48.5	47.1	49.54
46.2	42.6	42.6	42.1	42.1	41.0	49.1	42.0	35.3	27.0	26.8	27.8	44.45
31.5	35.8	37.0	38.7	41.0	45.0	43.5	45.2	43.1	44.3	43.5	44.3	36.10
44.0	42.2	39.3	37.0	31.7	37.5	38.4	42.9	42.0	40.3	42.3	41.7	42.37
43.9	42.4	39.0	37.4	36.2	38.8	41.5	42.3	42.5	43.8	42.5	42.4	41.79
41.6	40.2	36.4	33.2	37.5	40.7	40.2	42.0	41.8	41.1	36.6	40.1	41.43
—	—	—	—	—	—	—	—	—	—	—	—	—
47.5	43.1	37.8	37.2	38.9	41.8	43.0	46.7	46.0	46.6	47.7	46.7	45.37
43.2	41.8	42.2	43.4	42.9	45.1	46.6	46.5	47.8	46.4	47.1	46.7	45.93
50.0	47.5	46.0	46.4	47.2	45.6	46.7	46.8	47.0	46.4	46.2	44.9	47.57
44.2	39.8	37.5	36.8	40.0	42.0	43.6	42.0	39.3	39.5	43.3	41.0	42.73
45.94	44.38	42.58	41.84	41.98	43.76	44.74	45.23	44.79	43.89	43.77	43.09	44.67

TEMPERATURE OF THE BIFILAR MAGNET.

49.6	49.8	49.8	50.0	50.1	50.5	50.7	50.8	51.2	51.2	51.2	51.3	50.67
50.0	50.0	49.9	49.9	49.9	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.40
49.1	49.1	49.1	49.1	49.0	49.0	49.2	49.2	49.0	49.0	49.0	48.8	49.30
47.0	47.0	47.0	47.0	47.0	47.2	47.5	47.6	47.8	47.9	47.9	48.0	47.63
—	—	—	—	—	—	—	—	—	—	—	—	—
47.6	48.0	48.4	48.8	49.0	49.4	49.7	49.8	50.0	50.2	50.3	50.2	48.54
48.6	48.6	48.8	49.2	49.3	49.8	50.1	50.3	50.7	50.9	51.0	51.1	49.83
—	49.8	49.7	49.8	49.7	49.8	50.0	50.3	50.7	51.2	51.6	52.2	50.61
53.1	53.2	53.5	53.7	54.0	54.4	54.6	55.0	55.2	55.5	55.8	55.8	53.53
55.0	54.8	54.6	54.6	54.7	54.7	54.8	55.0	55.2	55.1	55.1	55.2	55.40
52.6	52.5	52.4	52.5	52.6	52.6	52.7	52.8	52.8	52.8	52.8	52.8	53.27
—	—	—	—	—	—	—	—	—	—	—	—	—
50.2	50.2	50.3	50.3	50.3	50.2	50.2	50.3	50.0	50.0	50.0	49.8	50.70
48.0	48.0	48.0	48.1	48.3	48.5	48.7	48.8	49.0	49.1	49.2	49.2	48.77
47.3	47.3	47.3	47.4	47.8	48.2	48.7	49.3	49.7	50.1	50.3	50.5	48.56
51.4	51.4	51.4	51.7	52.0	52.5	52.9	53.2	53.6	53.8	54.0	54.0	51.93
53.2	53.1	53.2	53.5	53.5	53.8	54.0	54.3	54.4	54.4	54.4	54.3	53.82
51.3	51.3	51.3	51.4	51.7	51.8	51.8	52.0	52.0	52.0	52.0	51.8	52.18
—	—	—	—	—	—	—	—	—	—	—	—	—
49.5	49.5	49.7	50.2	50.3	50.7	51.2	51.3	51.6	51.8	51.9	51.9	50.53
49.5	49.4	49.6	49.8	50.0	50.6	51.0	51.4	51.8	52.0	52.2	52.2	50.74
50.3	50.3	50.5	50.8	51.1	51.7	52.0	52.3	52.7	53.0	53.0	53.0	51.68
52.2	52.5	52.9	53.5	53.9	54.8	55.2	55.4	55.7	56.2	56.4	56.8	53.64
55.7	55.8	55.9	56.2	56.4	56.8	57.0	57.5	57.6	57.8	58.0	58.0	56.85
56.0	56.0	56.3	56.6	57.0	57.5	57.8	58.0	58.3	58.4	58.3	58.1	57.30
—	—	—	—	—	—	—	—	—	—	—	—	—
50.7	50.8	51.2	51.7	51.8	52.2	52.6	53.0	53.2	53.4	53.6	53.7	52.63
51.6	51.6	51.8	52.0	52.2	52.6	53.0	53.1	53.5	53.6	53.7	53.8	52.71
51.6	51.5	51.6	52.0	52.7	53.4	54.3	55.2	56.1	56.6	57.1	57.3	53.46
57.4	57.4	57.4	57.3	57.4	57.3	57.2	57.0	57.0	57.0	56.8	56.5	57.57
51.14	51.11	51.22	51.43	51.60	51.92	52.20	52.43	52.65	52.82	52.92	52.94	52.01

HORIZONTAL FORCE.												
One Scale Division = '000217 parts of the H.F. Change in the Magnetic moment of the Bar for 1° Fah. = '000230.												
Mean Göttingen Time. } OCTOBER.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.
	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
1	45.4	47.8	49.2	50.4	46.0	46.0	45.8	45.9	47.1	45.2	45.1	44.4
2	49.2	45.0	44.0	44.1	—	—	44.6	47.5	—	49.9	48.3	43.3
3	42.6	43.7	44.0	—	—	—	—	—	—	—	—	—
4	—	—	—	43.2	43.6	46.8	42.4	43.6	43.6	44.5	45.5	45.5
5	44.5	44.5	44.5	46.2	44.7	44.0	45.2	45.8	46.0	46.4	46.7	44.7
6	43.0	48.8	43.7	44.5	43.6	43.0	42.7	44.5	44.2	44.2	44.6	44.5
7	43.8	44.0	47.4	50.6	50.1	52.5	54.1	47.2	48.3	44.4	45.2	45.8
8	39.5	33.0	27.0	31.5	28.6	31.6	38.6	37.7	—	35.5	35.8	35.0
9	48.4	44.6	41.1	43.0	43.2	43.5	41.7	44.1	45.3	42.6	42.5	42.4
10	34.8	32.8	32.0	—	—	—	—	—	—	—	—	—
11	—	—	—	47.9	45.1	42.4	44.0	44.8	45.2	45.6	45.0	45.3
12	43.8	51.1	48.1	43.8	43.5	45.1	46.7	48.0	47.8	48.4	46.0	44.2
13	46.1	46.3	46.8	47.1	48.2	46.9	47.8	44.6	46.9	46.4	45.4	47.5
14	44.3	45.7	45.3	46.3	46.8	47.0	47.0	46.6	—	45.4	46.1	46.0
15	46.8	47.4	47.8	47.9	47.7	47.4	47.5	47.6	47.8	47.7	47.7	47.4
16	42.2	41.9	42.2	44.0	44.0	44.0	44.1	45.0	44.8	44.7	44.6	43.8
17	42.8	42.7	42.3	—	—	—	—	—	—	—	—	—
18	—	—	—	48.6	47.4	46.8	47.2	47.8	51.3	50.2	49.2	49.4
19	48.8	49.2	49.2	49.3	50.0	53.4	51.7	50.0	51.1	51.0	45.3	46.0
20	45.5	43.7	44.7	44.9	46.5	44.3	44.8	45.3	46.0	46.8	45.5	42.1
21	40.1	42.5	42.1	43.1	43.3	43.5	43.3	42.7	42.9	42.7	43.2	40.0
22	37.0	41.8	45.0	40.0	37.1	38.1	35.6	38.3	39.2	38.5	36.8	34.5
23	43.5	43.5	43.4	41.7	42.0	42.7	43.7	43.6	44.7	45.7	46.3	45.1
24	44.9	45.2	45.4	—	—	—	—	—	—	—	—	—
25	—	—	—	44.8	44.0	43.8	45.0	45.7	45.7	46.1	45.4	40.6
26	43.6	43.5	43.0	44.0	43.0	43.4	44.9	43.7	44.8	45.0	43.8	43.2
27	42.0	42.6	47.3	45.3	44.0	43.2	43.6	44.3	44.9	42.6	45.2	45.5
28	44.7	45.2	45.8	46.9	44.3	44.8	45.2	45.2	46.7	47.8	46.8	46.8
29	43.8	45.2	44.5	43.3	44.5	43.6	44.2	44.4	—	45.0	45.4	44.4
30	43.9	47.9	44.0	44.3	47.0	47.1	47.1	47.2	46.9	47.5	46.8	44.1
Hourly Means	43.65	44.22	43.84	44.87	44.33	44.59	44.94	45.04	45.96	45.38	44.93	43.90
TEMPERATURE OF THE BIFILAR MAGNET.												
OCTOBER.	1	2	3	4	5	6	7	8	9	10	11	12
	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
1	56.2	55.8	55.5	55.2	55.0	54.7	54.2	54.0	53.6	53.3	53.0	52.7
2	53.7	53.5	53.5	53.4	—	—	52.9	52.8	—	52.4	52.2	52.0
3	55.5	55.8	56.3	—	—	—	—	—	—	—	—	—
4	—	—	—	57.6	57.4	57.3	57.1	57.0	56.7	56.5	56.1	56.0
5	55.7	55.6	55.4	55.1	54.8	54.5	54.1	54.0	53.8	53.6	53.5	53.5
6	56.3	56.5	56.5	56.5	56.4	56.2	56.0	56.0	56.0	55.8	55.8	55.5
7	53.4	53.2	52.8	52.4	52.2	51.8	51.4	51.0	50.7	50.3	50.0	49.7
8	52.9	53.0	53.0	53.2	53.5	53.6	53.7	53.7	—	53.6	53.6	53.8
9	56.2	56.0	55.8	55.6	55.4	55.0	55.0	54.8	54.7	54.3	54.1	54.0
10	56.2	56.2	56.3	—	—	—	—	—	—	—	—	—
11	—	—	—	53.3	53.1	52.8	52.6	52.4	52.2	51.8	51.6	51.5
12	51.9	51.8	51.6	51.6	51.5	51.2	51.0	51.0	50.8	50.6	50.5	50.4
13	52.3	52.3	52.2	52.2	52.0	52.0	51.8	51.8	51.7	51.7	51.6	51.4
14	52.8	52.8	52.8	52.7	52.7	52.5	52.5	52.5	—	52.0	52.0	52.0
15	55.0	54.9	54.8	54.7	54.4	54.2	54.2	54.0	54.0	53.8	53.8	53.7
16	57.2	57.4	57.2	57.1	57.0	56.8	56.7	56.6	56.5	56.4	56.4	56.3
17	60.3	60.3	60.3	—	—	—	—	—	—	—	—	—
18	—	—	—	55.0	54.6	54.2	54.0	53.6	53.4	53.0	52.8	52.5
19	53.0	53.0	52.8	52.8	52.7	52.6	52.3	52.1	52.2	52.0	51.8	51.7
20	56.0	56.0	56.0	56.0	56.0	55.8	55.7	55.6	55.4	55.2	55.0	55.0
21	60.0	60.3	60.5	60.7	60.8	61.0	61.0	61.2	61.1	61.2	61.1	61.2
22	65.2	64.3	64.3	64.0	63.8	63.4	63.2	62.8	62.5	62.2	61.8	61.8
23	61.0	60.6	60.2	60.0	59.7	59.4	59.2	58.7	58.4	58.0	57.8	57.6
24	58.3	58.0	57.8	—	—	—	—	—	—	—	—	—
25	—	—	—	58.9	58.7	58.3	58.0	57.8	57.6	57.4	57.2	57.1
26	61.7	61.6	61.5	61.5	61.7	61.5	61.3	61.1	60.8	60.6	60.8	60.7
27	61.5	61.4	61.2	61.0	60.8	60.4	60.2	60.0	59.8	59.7	59.4	59.2
28	59.0	59.0	58.8	58.8	58.8	58.6	58.5	58.5	58.4	58.3	58.3	58.2
29	59.5	59.5	59.5	59.3	59.0	58.7	58.5	58.3	—	57.8	57.4	57.2
30	55.7	55.4	55.3	55.0	54.6	54.4	54.2	54.0	53.8	53.6	53.5	53.5
Hourly Means	56.79	56.70	56.61	56.30	56.26	56.04	55.75	55.59	55.64	55.20	55.04	54.93

HORIZONTAL FORCE.												
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah. = '000230.												
12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
41'6	42'4	43'4	43'5	43'1	45'5	47'6	48'2	47'6	47'0	45'6	53'0	46'12
39'0	40'0	36'2	37'0	37'7	39'4	40'0	49'2	40'6	40'2	41'9	41'0	42'77
—	—	—	—	—	—	—	—	—	—	—	—	43'06
43'7	39'3	39'2	38'3	38'8	41'2	42'5	44'9	43'5	43'9	44'6	44'6	44'10
42'4	44'4	39'0	38'7	40'5	43'1	44'0	45'5	45'2	45'0	44'1	43'3	43'61
41'4	41'5	40'0	39'7	42'3	43'3	44'3	44'2	44'0	46'0	44'2	44'4	42'75
43'9	44'8	34'2	28'2	31'8	38'8	37'0	38'0	44'8	36'3	35'6	39'1	36'87
32'8	33'1	36'5	36'1	37'5	42'1	39'9	41'7	46'1	41'6	43'1	43'8	39'70
35'2	30'4	30'8	32'8	36'2	38'3	36'4	36'8	40'0	40'0	38'0	35'4	42'67
—	—	—	—	—	—	—	—	—	—	—	—	42'2
43'8	42'7	41'0	39'1	37'4	41'5	45'4	46'3	46'2	52'8	40'8	42'8	45'55
42'9	41'9	40'8	40'9	43'2	47'0	46'0	47'3	46'9	46'9	46'3	46'5	45'61
42'0	40'3	42'4	40'5	—	45'7	47'0	46'1	46'8	46'7	47'0	44'5	45'55
44'0	41'3	41'1	41'8	43'9	45'6	47'4	47'5	47'4	46'7	47'3	47'2	45'18
44'1	44'0	41'4	41'9	40'3	42'2	43'3	45'0	43'6	44'8	41'0	42'0	43'13
42'2	40'8	39'2	40'8	42'2	44'2	44'0	44'2	43'0	43'0	43'3	43'0	47'17
—	—	—	—	—	—	—	—	—	—	—	—	43'34
47'1	45'5	44'9	43'3	44'8	46'0	48'1	49'3	49'3	49'5	49'7	49'0	46'37
48'2	40'6	37'8	43'2	37'5	41'5	42'3	43'0	46'0	46'4	45'7	45'7	44'57
41'5	41'0	42'0	42'1	43'8	44'3	46'4	46'5	46'0	45'8	45'5	44'7	38'48
39'0	38'3	36'5	30'1	28'3	29'5	34'6	37'0	38'1	37'7	27'8	37'3	37'77
30'2	33'3	34'1	33'0	34'1	37'1	39'5	41'3	39'4	41'7	39'7	41'1	42'77
43'4	40'0	40'8	39'1	41'4	40'8	39'2	41'7	42'1	43'7	43'9	44'5	43'34
—	—	—	—	—	—	—	—	—	—	—	—	42'95
41'5	40'5	41'0	39'6	40'2	42'0	43'7	42'2	43'3	43'5	44'2	44'0	43'53
41'0	40'2	40'0	41'2	41'7	43'6	44'6	44'1	43'1	42'2	42'0	41'3	44'30
46'6	42'1	39'8	39'7	40'2	42'3	43'5	42'4	43'6	44'8	44'3	45'0	44'25
44'2	42'0	39'7	40'0	44'8	41'8	45'2	45'2	44'6	42'5	40'7	42'3	45'04
42'6	41'0	39'8	34'5	41'1	49'8	43'7	46'4	47'4	47'7	48'0	47'4	—
42'5	41'0	41'5	38'6	41'7	43'8	46'8	45'8	45'6	45'4	48'4	46'0	—
41'80	40'48	39'35	38'60	39'78	42'32	43'17	44'22	44'39	44'30	43'18	43'78	43'35

TEMPERATURE OF THE BIFILAR MAGNET.												
52'4	52'2	52'2	52'4	52'5	52'8	53'0	53'2	53'6	53'7	53'7	53'7	53'70
52'0	52'0	52'1	52'2	52'6	53'1	53'5	53'9	54'3	54'7	55'1	55'3	53'20
—	—	—	—	—	—	—	—	—	—	—	—	56'28
55'8	55'8	55'8	55'8	56'1	56'1	56'1	56'1	56'1	56'1	56'0	55'7	54'60
53'4	53'5	53'6	53'7	54'1	54'5	55'0	55'2	55'7	56'0	56'0	56'2	55'32
55'1	55'0	55'0	54'8	54'7	54'5	54'3	54'5	54'4	54'2	54'0	53'8	51'13
49'5	49'4	49'4	49'6	49'9	50'2	50'7	51'0	51'5	52'0	52'4	52'7	54'28
53'8	54'0	54'1	54'3	54'6	55'0	55'2	55'6	55'8	56'1	56'2	56'2	55'05
54'2	54'2	54'3	54'4	54'7	54'8	55'0	55'3	55'5	55'8	56'0	56'0	52'55
—	—	—	—	—	—	—	—	—	—	—	—	51'27
51'6	51'3	51'1	51'6	51'8	51'8	51'9	52'0	52'0	52'0	52'1	52'0	52'04
50'4	50'4	50'5	50'8	51'0	51'4	51'6	51'8	52'0	52'2	52'2	52'2	53'20
51'4	51'4	51'6	51'8	—	52'0	52'0	52'5	52'8	52'8	52'8	52'8	54'97
52'0	52'3	52'7	53'1	53'6	53'9	54'3	54'6	54'7	55'0	55'0	55'0	57'69
53'7	53'9	54'3	54'8	55'2	55'5	56'0	56'4	56'5	57'0	57'2	57'3	53'95
56'3	56'6	57'0	57'5	58'0	58'4	59'0	59'4	59'8	60'2	60'3	60'4	53'15
—	—	—	—	—	—	—	—	—	—	—	—	56'16
52'2	52'2	52'2	52'2	52'2	52'0	52'8	52'8	53'1	53'0	53'0	53'0	62'55
51'8	52'0	52'4	52'8	53'2	53'6	54'0	54'6	55'0	55'5	55'8	56'0	62'62
55'0	55'0	55'1	55'3	55'6	56'2	56'5	57'1	57'6	58'3	58'8	59'7	58'67
61'6	62'2	62'6	63'3	64'0	64'8	65'0	65'3	65'5	65'8	65'6	65'4	58'55
61'6	61'6	61'8	62'0	62'3	62'2	62'3	62'3	62'1	62'0	61'8	61'5	61'26
57'5	57'6	57'7	57'8	57'8	58'2	58'2	58'4	58'6	58'6	58'6	58'4	59'75
—	—	—	—	—	—	—	—	—	—	—	—	58'62
57'0	57'0	57'2	57'7	58'6	59'0	59'5	60'0	60'3	61'0	61'2	61'5	57'38
60'7	60'8	60'8	60'8	61'0	61'2	61'4	61'6	61'7	61'9	61'8	61'7	54'73
59'3	59'1	59'0	59'0	59'2	59'0	59'2	59'2	59'1	59'2	59'2	59'0	—
58'0	57'8	57'8	57'8	58'2	58'5	58'8	59'0	59'3	59'4	59'6	59'5	—
57'0	56'8	56'6	56'5	56'3	56'0	56'0	56'0	56'0	56'0	56'0	55'8	—
53'6	53'8	54'0	54'3	54'6	55'0	55'3	55'4	55'8	56'1	56'3	56'3	—
54'88	54'92	55'03	55'24	55'67	55'76	56'02	56'28	56'50	56'72	56'80	56'81	55'89

HORIZONTAL FORCE.												
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.												
Mean Göttingen Time. } Oct. 31	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.
	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
	53·0	46·0	46·5	—	—	—	—	—	—	—	—	—
1	—	—	—	44·7	47·7	44·7	45·5	45·8	46·0	45·7	45·8	42·0
2	43·6	48·4	45·0	38·6	40·2	42·6	43·3	42·4	44·7	45·3	43·5	42·2
3	42·0	42·2	39·5	45·2	41·0	41·5	42·0	42·8	43·0	44·4	43·3	41·8
4	42·3	42·3	42·5	42·3	—	42·9	43·8	44·0	44·6	44·6	42·9	39·9
5	41·7	42·0	42·4	43·6	—	43·0	42·5	43·0	44·0	44·2	43·9	42·0
6	44·8	43·5	43·1	43·6	44·0	44·2	44·5	44·8	45·0	45·2	43·8	43·3
7	42·0	42·2	42·3	—	—	—	—	—	—	—	—	—
8	—	—	—	43·0	43·0	43·2	43·2	43·4	44·3	44·5	45·0	43·6
9	44·0	44·4	45·2	46·3	43·5	43·8	44·1	43·8	43·8	43·4	42·7	41·9
10	46·4	44·2	45·2	45·4	45·1	45·3	45·9	46·6	46·8	46·9	45·9	43·1
11	45·2	45·4	45·1	45·8	45·4	46·0	47·2	45·1	46·2	46·5	44·5	43·3
12	44·6	44·1	43·8	43·8	43·8	44·0	44·5	44·4	45·3	45·7	44·9	42·4
13	45·4	46·0	46·2	47·0	47·9	47·0	46·8	47·0	—	48·2	46·8	46·5
14	44·8	44·8	44·7	—	—	—	—	—	—	—	—	—
15	—	—	—	44·9	45·0	45·2	45·9	46·2	46·4	46·8	45·4	46·2
16	48·0	48·2	47·9	48·0	48·7	48·0	48·5	49·1	50·1	50·3	48·2	45·8
17	47·8	48·6	48·5	46·9	47·4	48·2	50·8	55·6	51·9	42·2	34·0	33·0
18	36·4	38·3	38·2	39·2	41·8	39·5	37·8	38·8	40·1	41·4	41·3	40·1
19	39·7	40·0	39·7	40·1	39·7	43·1	42·7	43·0	44·0	44·2	42·0	39·4
20	44·2	44·6	47·5	48·5	46·9	47·0	47·3	47·8	46·5	47·1	43·0	48·0
21	47·6	47·8	46·8	—	—	—	—	—	—	—	—	—
22	—	—	—	47·9	48·1	48·1	48·1	48·0	48·2	48·0	47·3	44·7
23	47·3	46·4	47·3	46·4	—	46·8	47·1	47·7	47·8	48·3	47·2	45·3
24	46·4	46·6	44·9	44·6	44·7	44·6	44·5	44·1	—	45·7	44·9	44·1
25	42·7	41·9	41·8	41·4	42·0	42·0	42·2	41·0	42·7	43·1	42·3	40·0
26	46·0	46·1	41·0	41·9	—	38·6	36·8	31·6	30·5	32·7	32·2	30·2
27	42·6	45·3	45·0	44·2	41·0	42·2	40·0	41·0	41·3	41·8	39·6	37·5
28	40·5	41·9	41·8	—	—	—	—	—	—	—	—	—
29	—	—	—	—	40·0	40·4	40·8	38·6	39·0	38·2	37·3	37·0
30	43·9	39·2	39·6	43·8	37·8	38·2	39·0	40·0	39·0	39·3	37·4	34·8
Hourly Means	44·34	44·25	43·90	44·28	43·85	43·85	44·03	44·06	44·22	44·37	42·88	41·46

TEMPERATURE OF THE BIFILAR MAGNET.												
Oct. 31	56·2	56·2	56·2	—	—	—	—	—	—	—	—	—
1	—	—	—	56·3	56·2	56·1	56·0	55·9	55·8	55·6	55·6	55·6
2	59·3	59·3	59·3	59·2	59·0	58·6	58·4	58·2	58·2	58·0	57·8	57·7
3	61·0	61·0	60·8	60·6	60·6	60·2	59·8	59·7	59·6	59·4	59·2	59·0
4	62·0	62·0	61·8	61·6	—	61·2	61·0	60·7	60·4	60·2	60·0	60·0
5	62·2	62·0	61·8	61·6	—	61·4	61·2	60·8	60·7	60·5	60·2	60·2
6	61·4	61·3	61·3	61·2	61·0	60·8	60·6	60·4	60·3	60·3	60·3	60·5
7	64·3	64·0	63·7	—	—	—	—	—	—	—	—	—
8	—	—	—	60·2	60·0	59·6	59·4	59·0	59·0	58·8	58·4	58·4
9	60·6	60·4	60·2	60·0	60·0	60·0	59·8	59·7	59·4	59·3	59·2	59·0
10	60·0	60·0	59·8	59·8	59·7	59·6	59·4	59·3	59·0	58·8	58·5	58·4
11	61·9	61·8	61·7	61·5	61·2	61·0	60·6	60·4	60·2	60·0	59·8	59·7
12	61·6	61·4	61·4	61·2	61·2	61·0	61·0	60·8	60·6	60·4	60·3	60·4
13	61·3	61·1	61·0	60·8	60·7	60·5	60·3	60·1	—	59·8	59·6	59·4
14	58·6	58·7	58·7	—	—	—	—	—	—	—	—	—
15	—	—	—	59·6	59·5	59·3	59·1	59·0	58·7	58·5	58·3	58·1
16	57·0	57·0	56·9	56·6	56·5	56·3	56·2	56·1	56·0	55·8	55·8	55·8
17	58·3	58·3	58·2	58·2	58·0	57·8	57·6	57·4	57·2	57·0	57·0	57·0
18	60·8	60·8	60·8	60·8	60·7	60·5	60·3	60·2	60·1	59·9	59·8	59·8
19	63·5	63·3	63·2	63·2	63·2	63·2	63·0	62·9	62·8	62·7	62·4	62·4
20	59·9	59·6	59·3	59·0	58·6	58·3	58·0	57·8	57·4	57·1	56·9	56·8
21	56·2	56·0	56·0	—	—	—	—	—	—	—	—	—
22	—	—	—	55·1	55·1	55·0	54·9	54·9	54·8	54·8	54·6	54·6
23	58·2	58·1	57·9	57·7	—	57·4	57·0	57·0	56·8	56·6	56·4	56·5
24	60·2	60·2	60·4	60·5	60·5	60·5	60·6	60·7	—	60·7	60·7	60·9
25	65·3	65·5	65·6	65·7	65·6	65·7	65·7	65·7	65·6	65·6	65·4	65·4
26	66·4	66·2	65·8	65·5	—	64·6	64·2	63·8	63·3	63·0	62·8	62·5
27	63·7	63·6	63·4	63·2	62·8	62·5	62·2	62·0	61·8	61·7	61·4	61·3
28	65·0	65·0	65·0	—	—	—	—	—	—	—	—	—
29	—	—	—	—	64·8	64·6	64·4	64·2	64·0	64·0	64·0	63·8
30	67·2	67·0	66·8	66·4	66·1	65·9	65·4	65·0	64·8	64·6	64·5	64·5
Hourly Means	61·23	61·15	61·04	60·62	60·50	60·45	60·25	60·06	59·85	59·73	59·57	59·53

HORIZONTAL FORCE.

One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah. = '000230.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
40·2	38·4	39·0	42·6	44·6	47·4	46·1	45·6	45·0	44·6	44·4	43·8	44·80
38·3	35·7	36·2	39·8	42·8	45·1	44·2	45·8	41·6	43·7	42·1	42·5	42·40
39·3	37·2	35·6	37·6	41·3	43·1	43·2	43·7	42·1	41·6	42·7	42·0	41·59
37·2	36·7	34·4	36·5	38·7	40·6	42·6	43·9	41·0	40·4	39·9	41·0	41·09
40·0	36·6	34·8	37·7	38·3	43·3	45·2	43·0	43·8	43·6	43·8	45·3	42·07
42·0	38·5	33·1	32·1	34·5	39·3	39·0	38·6	37·8	38·1	40·2	40·2	40·97
41·3	39·6	39·1	41·2	43·4	44·1	45·8	46·2	43·7	44·8	43·0	42·8	43·11
40·3	39·3	39·2	39·3	41·0	43·1	43·8	44·1	44·4	44·2	44·3	44·7	43·11
40·7	38·2	37·4	39·4	41·6	43·9	44·1	46·4	45·1	45·5	46·2	45·1	44·18
40·0	36·7	36·0	38·7	42·3	44·3	46·4	46·4	44·4	43·7	44·3	43·8	43·88
38·8	36·8	36·5	36·0	39·7	42·7	44·0	45·5	45·3	45·0	44·7	45·0	42·97
45·1	42·7	42·2	44·5	47·3	48·0	47·4	48·4	48·4	47·3	45·2	51·9	46·66
41·7	40·0	40·9	41·4	44·7	46·5	47·2	47·8	48·4	47·2	47·7	48·2	45·33
43·6	43·7	42·2	45·0	46·1	47·8	49·2	49·3	49·4	49·2	48·9	48·8	47·67
31·8	31·9	32·0	36·8	39·2	46·2	47·5	40·0	44·8	38·4	36·9	37·2	42·40
38·0	36·5	36·0	38·0	41·4	43·8	44·1	42·9	42·0	40·1	39·8	39·3	39·78
36·0	33·0	31·7	33·6	35·8	39·4	44·3	45·0	47·0	44·4	45·4	43·6	40·70
40·6	36·8	40·0	41·5	43·5	47·3	46·2	47·4	48·6	47·6	47·7	47·4	45·54
40·0	41·3	43·1	43·4	45·1	46·3	47·8	47·8	47·4	47·1	47·2	47·2	46·43
42·1	40·1	40·3	42·6	45·2	47·5	47·6	46·8	47·1	47·2	46·7	46·8	45·98
40·3	37·0	37·0	39·0	41·3	43·9	44·8	44·2	43·8	42·5	42·7	42·7	43·23
37·7	36·2	35·9	38·0	40·5	43·3	45·4	44·8	43·2	41·4	42·7	44·1	41·51
31·6	33·8	34·7	35·5	35·7	39·4	43·5	41·0	43·6	40·6	40·7	41·2	37·78
34·2	34·4	39·1	40·3	39·8	44·7	44·5	45·0	45·7	45·3	43·2	42·0	41·65
33·8	32·5	33·7	37·2	40·4	42·6	44·7	44·1	41·1	39·2	39·9	40·7	39·37
33·0	31·6	33·0	38·0	42·0	42·0	43·1	41·5	42·0	41·6	40·8	44·6	39·38
38·75	37·12	37·04	39·06	41·39	44·06	45·06	44·81	44·49	43·63	43·50	43·92	42·84

TEMPERATURE OF THE BIFILAR MAGNET.

55·8	57·0	57·3	57·8	57·5	58·0	58·3	58·7	59·0	59·3	59·3	59·3	57·04
57·6	57·7	58·0	58·3	58·8	59·2	59·8	60·0	60·5	60·8	61·0	61·0	58·99
59·0	59·2	59·6	60·0	60·8	61·1	61·8	62·2	62·2	62·3	62·3	62·2	60·57
60·3	60·4	61·0	61·6	62·0	62·2	62·3	62·4	62·5	62·6	62·5	62·4	61·44
60·0	60·0	60·0	60·0	60·4	60·6	61·0	61·0	61·1	61·3	61·4	61·4	60·90
60·6	61·0	61·5	62·2	62·8	63·8	64·5	65·2	65·7	65·9	65·7	65·0	62·22
58·3	58·3	58·5	58·8	59·0	59·4	59·8	60·0	60·4	60·6	60·6	60·6	59·96
59·0	58·8	58·8	58·8	59·0	59·0	59·3	59·7	59·7	59·8	60·0	60·0	59·56
58·8	58·8	59·2	59·7	60·0	60·4	60·8	61·2	61·4	61·6	61·9	61·9	59·92
59·6	59·6	59·6	59·7	59·8	60·0	60·0	60·4	61·0	61·4	61·8	61·6	60·60
60·6	60·8	61·2	61·4	61·8	62·2	62·2	62·2	62·0	62·0	61·8	61·6	61·30
59·2	59·1	59·0	59·0	58·9	58·8	58·8	58·7	58·6	58·6	58·5	58·5	59·14
57·8	57·8	57·8	57·8	57·8	57·8	57·8	57·7	57·7	57·6	57·4	57·2	58·26
55·8	55·8	55·8	55·9	56·2	56·6	57·0	57·4	57·7	58·1	58·3	58·3	56·62
57·2	57·3	57·5	57·9	58·3	58·8	59·2	59·7	60·0	60·4	60·8	60·8	58·33
59·8	60·0	60·4	61·0	61·3	62·0	62·4	62·8	63·0	63·1	63·2	63·2	61·11
62·3	62·2	62·0	62·0	61·8	61·6	61·5	61·3	61·2	60·9	60·5	60·3	62·23
56·6	56·5	56·4	56·4	56·2	56·2	56·2	56·4	56·4	56·4	56·2	56·2	57·28
54·8	54·8	55·0	55·7	56·0	56·6	57·0	57·4	57·7	58·0	58·1	58·2	55·89
56·6	56·6	56·7	57·1	57·4	57·8	58·2	58·6	59·0	59·4	59·8	60·0	57·68
61·0	61·2	61·8	62·2	62·6	63·0	63·2	63·8	64·4	64·8	65·2	65·3	61·93
65·4	65·3	65·3	65·3	65·6	65·9	66·2	66·3	66·5	66·6	66·6	66·6	65·77
62·3	62·2	62·1	62·1	62·2	62·3	62·5	63·0	63·4	63·6	63·8	63·8	63·54
61·2	61·2	61·4	61·8	62·3	62·8	63·2	63·7	64·3	64·6	64·9	65·0	62·75
63·8	63·8	64·0	64·3	64·6	65·0	65·8	66·2	66·8	67·2	67·2	67·1	64·98
64·2	64·0	64·0	64·0	64·1	64·3	64·6	64·9	65·0	65·3	65·4	65·3	65·14
59·52	59·60	59·77	60·03	60·28	60·60	60·90	61·19	61·43	61·62	61·70	61·65	60·51

HORIZONTAL FORCE.													
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah'. = '000230.													
Mean Göttingen Time. }	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
DECEMBER.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
	1	40'4	40'9	43'1	44'2	43'1	42'1	42'0	40'3	41'4	42'8	40'9	37'2
	2	41'1	41'7	42'3	41'0	42'2	42'5	42'8	42'7	42'6	41'0	39'4	37'1
	3	43'2	42'6	43'2	42'2	42'3	42'4	43'1	43'4	—	42'4	42'1	40'0
	4	46'6	44'7	44'9	43'7	46'5	45'6	44'5	43'5	45'2	46'0	46'2	44'2
	5	46'7	46'8	46'9	—	—	—	—	—	—	—	—	—
	6	—	—	—	44'4	43'9	44'2	44'7	45'6	47'2	48'5	47'8	45'0
	7	43'5	43'0	43'0	43'6	43'5	43'3	43'4	44'1	45'8	46'0	45'5	43'0
	8	44'8	44'0	44'7	44'4	44'7	45'0	45'8	46'5	47'1	47'6	47'0	44'4
	9	42'9	42'1	42'1	41'9	42'2	42'8	43'8	43'3	42'0	40'2	39'8	39'6
	10	37'2	37'1	35'6	35'6	—	37'3	36'7	33'9	34'5	34'0	33'5	33'5
	11	34'8	33'5	34'4	36'5	34'5	34'4	34'6	34'8	—	36'0	35'8	35'1
	12	37'8	36'8	37'0	—	—	—	—	—	—	—	—	—
	13	—	—	—	—	39'8	39'8	39'8	40'7	40'2	39'8	39'0	37'5
	14	42'2	42'1	42'5	43'2	44'6	44'8	44'8	44'0	44'4	44'8	42'0	39'5
	15	41'8	41'8	42'2	42'6	42'7	42'7	43'3	42'8	43'9	43'1	41'9	—
	16	44'2	43'2	43'9	43'8	44'0	44'0	44'2	44'7	45'0	44'2	41'5	38'9
	17	44'1	43'5	43'6	44'0	44'2	45'0	45'3	44'6	46'0	46'4	43'2	41'9
	18	44'2	43'6	44'0	43'6	43'6	45'1	45'8	44'6	45'9	45'4	42'6	40'9
	19	46'6	46'8	47'0	—	—	—	—	—	—	—	—	—
	20	—	—	—	47'0	46'8	46'8	46'8	47'0	47'7	47'8	46'8	44'5
	21	46'2	44'3	44'4	44'7	44'9	44'8	45'0	45'7	46'8	47'0	46'3	44'6
	22	42'2	41'5	41'2	41'8	42'3	43'1	44'0	44'7	—	48'0	47'3	42'6
	23	41'9	45'5	45'2	44'5	46'4	50'2	41'2	44'3	41'7	39'3	37'0	38'0
	24	42'7	42'7	43'7	—	—	—	—	—	—	—	—	—
	25	—	—	—	41'4	43'3	39'9	39'7	39'7	39'4	39'5	41'1	39'5
	26	42'2	44'6	43'3	—	—	—	—	—	—	—	—	—
	27	—	—	—	46'3	45'4	46'0	45'2	44'3	43'3	43'2	41'3	39'8
	28	44'4	42'5	44'0	43'3	40'2	42'3	42'8	42'9	42'2	40'6	39'4	37'5
	29	41'4	41'2	40'8	40'5	41'0	42'0	41'1	41'0	40'0	40'6	39'0	37'8
	30	41'4	40'9	41'8	41'2	41'4	41'7	42'0	42'0	42'2	40'8	38'7	37'1
31	40'9	40'2	40'0	39'9	40'7	40'9	41'2	41'6	41'4	41'5	40'4	38'0	
Hourly Means	42'51	42'21	42'46	42'61	42'95	43'03	42'83	42'79	43'30	42'94	41'75	39'88	

TEMPERATURE OF THE BIFILAR MAGNET.												
DECEMBER.	1	65'4	65'2	65'1	65'0	64'9	64'6	64'4	64'1	63'8	63'4	63'2
	2	64'3	64'1	64'0	63'8	63'5	63'3	63'2	63'0	62'6	62'3	62'1
	3	63'8	63'7	63'4	63'2	63'0	62'8	62'5	62'3	—	62'0	61'8
	4	60'2	60'0	59'8	59'7	59'3	59'0	58'6	58'3	58'0	57'8	57'5
	5	59'2	59'2	59'1	—	—	—	—	—	—	—	—
	6	—	—	—	62'8	62'6	62'3	62'2	62'0	61'8	61'5	61'3
	7	64'0	64'0	63'9	63'8	63'4	63'0	63'0	62'8	62'4	62'0	61'8
	8	63'4	63'2	63'2	63'0	62'7	62'6	62'3	62'0	61'4	61'2	61'0
	9	67'5	67'6	67'6	67'6	67'7	67'5	67'3	67'3	67'2	67'0	67'0
	10	71'6	71'8	71'8	71'8	—	71'5	71'5	71'3	71'0	70'8	70'8
	11	74'0	73'8	73'6	73'2	72'8	72'6	72'2	71'8	—	71'0	70'6
	12	72'5	72'6	72'3	—	—	—	—	—	—	—	—
	13	—	—	—	—	68'6	68'4	68'0	67'7	67'2	67'0	66'8
	14	64'6	64'4	64'2	64'1	63'6	63'5	63'4	63'2	63'0	62'8	62'8
	15	64'2	64'2	64'0	64'0	64'0	63'9	63'8	63'8	63'5	63'4	63'4
	16	63'8	63'1	62'9	62'7	62'3	62'0	61'8	61'7	61'5	61'0	61'0
	17	63'4	63'4	63'3	63'2	63'0	62'8	62'6	62'2	62'2	62'0	61'8
	18	64'2	63'8	63'8	63'5	63'0	63'0	62'9	62'7	62'4	62'2	62'0
	19	61'0	60'5	60'2	—	—	—	—	—	—	—	—
	20	—	—	—	59'8	58'5	59'5	59'8	59'8	59'7	59'6	59'7
	21	63'2	63'2	63'0	63'0	63'0	63'0	62'8	62'7	62'6	62'4	62'2
	22	67'6	67'9	67'8	67'7	67'4	67'1	66'6	66'3	—	65'2	64'9
	23	65'2	65'3	65'1	64'9	64'5	64'0	63'9	63'8	63'4	63'0	62'8
	24	64'7	64'7	64'4	—	—	—	—	—	—	—	—
	25	—	—	—	65'9	65'8	65'6	65'6	65'4	65'0	65'0	65'0
	26	64'5	64'2	63'9	—	—	—	—	—	—	—	—
	27	—	—	—	61'0	61'0	61'0	60'9	60'8	60'7	60'6	60'6
	28	65'0	65'1	65'0	64'9	65'0	64'6	64'2	64'0	63'5	63'2	63'0
	29	66'8	66'8	66'7	66'6	66'4	66'0	65'7	65'7	65'5	65'3	65'1
	30	66'1	66'0	66'0	65'8	65'7	65'4	65'2	65'1	65'2	65'1	65'0
	31	68'2	68'0	68'0	68'0	67'8	67'6	67'4	67'3	67'1	66'8	66'7
Hourly Means	65'32	65'22	65'08	64'76	64'38	64'48	64'30	64'12	63'51	63'60	63'45	

HORIZONTAL FORCE.

One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah° = '000230.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div. 38.2	Sc. Div. 37.4	Sc. Div. 37.0	Sc. Div. 38.0	Sc. Div. 41.2	Sc. Div. 41.8	Sc. Div. 41.8	Sc. Div. 43.5	Sc. Div. 43.0	Sc. Div. 42.0	Sc. Div. 41.6	Sc. Div. 40.9	Sc. Div. 41.03
34.8	35.7	38.5	42.0	44.9	46.3	45.8	45.5	43.7	42.4	42.8	43.2	41.75
38.1	37.0	39.0	43.3	45.2	46.6	48.0	48.3	48.1	48.0	45.1	46.4	43.48
41.5	40.9	40.0	41.2	45.1	51.6	54.1	53.0	51.2	49.0	47.2	47.6	45.96
—	—	—	—	—	—	—	—	—	—	—	—	—
41.4	39.0	39.3	41.8	43.6	45.7	44.8	45.9	45.7	44.0	44.2	44.0	44.63
41.0	38.7	38.9	40.2	45.5	49.2	49.4	48.0	46.5	45.5	45.0	45.2	44.20
41.5	39.6	40.8	43.0	44.7	48.5	47.8	45.8	45.0	43.7	44.6	44.0	44.79
38.4	35.0	36.0	36.5	37.4	39.7	40.0	38.2	39.6	40.9	38.0	38.0	40.02
34.5	34.4	38.7	32.0	32.8	35.3	36.6	36.8	36.3	34.9	34.5	34.7	35.23
33.5	32.7	34.3	35.4	38.3	39.8	38.0	41.5	—	35.0	35.0	36.9	35.67
—	—	—	—	—	—	—	—	—	—	—	—	—
39.4	42.3	41.6	41.0	42.0	45.5	46.7	46.4	45.2	44.8	43.1	42.6	41.25
38.7	38.1	38.8	40.5	42.8	45.0	45.2	45.6	44.4	44.4	45.0	42.4	42.91
33.0	36.8	37.4	40.5	43.0	46.1	48.4	48.0	45.8	43.5	43.2	43.2	42.73
43.2	37.3	37.0	41.8	44.8	47.5	48.3	47.0	46.0	44.7	44.1	44.2	43.65
40.3	38.1	38.3	39.6	42.2	47.0	48.8	48.0	47.9	45.2	44.6	43.4	43.97
38.0	38.2	38.4	39.8	43.3	47.9	49.3	49.1	47.8	46.0	45.8	46.7	44.16
—	—	—	—	—	—	—	—	—	—	—	—	—
40.2	38.6	37.7	39.4	43.2	46.0	46.2	46.2	45.0	46.8	45.9	46.3	45.13
40.1	36.4	36.7	38.7	42.0	46.7	46.1	44.9	45.0	43.0	42.8	42.9	43.75
39.8	38.5	36.5	37.0	43.5	44.5	48.5	45.4	47.2	46.5	44.8	42.8	43.20
36.7	27.2	29.7	32.5	33.7	38.5	42.2	42.1	42.7	42.1	41.4	43.7	40.32
—	—	—	—	—	—	—	—	—	—	—	—	—
37.3	34.7	31.5	33.0	34.5	40.2	42.5	43.1	44.0	43.8	44.0	43.3	40.19
—	—	—	—	—	—	—	—	—	—	—	—	—
37.5	35.1	36.0	38.4	41.9	43.0	46.0	46.5	45.8	45.1	43.3	44.2	42.81
35.8	35.3	38.1	40.0	43.0	44.3	44.7	45.1	43.7	43.2	42.5	42.6	41.68
36.0	34.7	34.6	38.0	40.4	43.5	47.2	46.3	43.8	43.6	41.8	41.5	40.74
39.7	35.0	35.4	37.8	39.7	41.6	42.9	42.2	41.9	41.3	40.9	41.0	40.44
36.4	35.8	36.8	39.0	41.6	44.7	45.9	45.9	45.2	44.2	44.2	44.0	41.27
—	—	—	—	—	—	—	—	—	—	—	—	—
38.46	36.63	37.19	38.86	41.56	44.48	45.58	45.32	44.82	43.60	42.90	42.91	42.14

TEMPERATURE OF THE BIFILAR MAGNET.

63.0	63.0	63.1	63.3	63.8	64.0	64.3	64.7	64.6	64.6	64.6	64.4	64.15
62.2	62.3	62.5	62.7	63.0	63.4	63.6	64.0	64.0	64.0	64.0	64.0	63.25
61.4	61.0	60.8	60.8	60.7	60.7	60.8	60.8	60.9	60.8	60.8	60.5	61.74
57.2	57.1	57.0	57.1	57.5	57.6	58.2	58.6	59.0	59.0	59.2	59.2	58.43
—	—	—	—	—	—	—	—	—	—	—	—	—
61.3	61.1	61.3	62.2	62.5	63.0	63.5	63.8	64.0	64.2	64.1	64.0	62.09
61.5	61.4	61.2	61.2	61.5	62.2	62.2	62.5	62.7	63.0	63.2	63.4	62.58
61.0	61.3	61.6	62.2	62.9	63.6	64.5	65.2	65.8	66.5	66.9	67.3	63.16
67.0	67.2	67.4	67.8	68.0	68.7	69.1	69.9	70.1	70.6	71.0	71.3	68.18
71.0	71.2	71.6	72.0	72.7	72.8	73.4	73.6	73.9	74.2	74.5	74.2	72.16
70.5	70.5	70.6	71.0	71.2	71.5	72.0	72.3	—	72.2	72.5	72.2	71.94
—	—	—	—	—	—	—	—	—	—	—	—	—
66.3	66.2	65.8	65.8	65.6	65.4	65.3	65.1	65.0	64.8	64.7	64.6	67.05
62.8	62.7	62.7	62.8	62.8	63.0	63.2	63.5	63.8	64.0	64.0	64.0	63.40
63.2	63.2	63.8	64.0	64.4	65.0	65.0	65.1	65.0	65.0	64.8	64.2	64.09
60.8	61.0	61.0	61.1	61.4	61.6	62.0	62.4	62.6	63.1	63.2	63.4	62.01
61.6	61.7	62.0	62.3	62.3	62.8	63.2	63.5	63.7	63.8	64.0	64.2	62.77
61.5	61.2	61.2	61.2	61.0	61.3	61.3	61.3	61.3	61.6	61.3	61.2	62.11
—	—	—	—	—	—	—	—	—	—	—	—	—
59.8	60.2	60.7	61.2	61.2	61.8	62.1	62.4	62.8	63.0	63.2	63.3	60.81
62.2	62.3	62.7	63.2	63.6	64.1	64.9	65.4	66.0	66.6	67.0	67.4	63.70
64.3	64.2	64.2	64.0	64.3	64.4	64.6	64.7	65.0	65.0	65.1	65.2	65.57
63.0	63.0	63.2	63.4	63.7	64.0	64.2	64.6	64.8	64.9	65.0	65.0	64.06
—	—	—	—	—	—	—	—	—	—	—	—	—
64.8	64.8	64.9	65.0	65.0	65.2	65.2	65.3	65.3	65.2	65.0	64.7	65.09
—	—	—	—	—	—	—	—	—	—	—	—	—
60.7	61.0	61.2	61.8	62.2	62.7	63.0	63.6	63.9	64.2	64.6	64.7	62.22
62.8	62.9	63.0	63.3	63.8	64.4	65.0	65.4	66.0	66.3	66.6	66.7	64.44
65.2	65.0	65.1	65.3	65.5	65.8	66.0	66.0	66.2	66.3	66.4	66.2	65.86
65.0	65.2	65.8	66.1	66.7	67.2	67.7	68.0	68.0	68.1	68.3	68.2	66.25
66.4	66.2	66.2	66.1	66.2	66.2	66.1	66.1	66.2	66.2	66.2	66.3	66.83
—	—	—	—	—	—	—	—	—	—	—	—	—
63.33	63.34	63.48	63.73	63.98	64.32	64.63	64.92	64.82	65.28	65.40	65.38	64.38

VERTICAL FORCE.													
One Scale Division = '00061 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah° = '00021.													
Mean Göttingen Time. }	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
JANUARY.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
	1	71·9	71·9	77·3	75·6	75·6	76·8	75·0	77·8	79·3	80·4	81·4	81·6
	2	82·6	82·6	a—	—	a—	88·5	88·0	90·0	90·3	91·3	93·8	93·8
	3	90·7	91·2	92·2	—	—	—	—	—	—	—	—	—
	4	—	—	—	87·6	85·8	86·0	88·6	89·3	89·0	88·5	88·3	87·8
	5	77·4	77·4	78·7	78·3	79·2	81·1	81·9	82·7	82·2	82·2	83·6	84·5
	6	83·5	83·4	83·8	84·0	83·7	86·3	86·6	86·6	86·6	86·0	87·5	85·9
	7	76·2	76·2	78·2	78·2	80·3	79·4	78·8	77·0	77·3	75·6	78·6	81·2
	8	71·2	61·0	74·8	75·5	72·2	72·1	73·2	73·1	74·1	74·4	77·0	77·0
	9	84·0	84·6	86·8	86·0	87·9	89·0	89·7	—	87·6	89·6	88·4	89·0
	10	78·9	79·5	78·7	—	—	—	—	—	—	—	—	—
	11	—	—	—	72·8	72·9	73·8	74·2	76·2	76·6	76·2	76·2	75·3
	12	71·0	73·2	67·4	71·6	78·9	78·9	78·3	77·9	77·9	77·3	79·0	80·6
	13	78·4	79·8	80·6	81·9	81·7	82·2	83·3	82·9	83·3	81·9	82·3	85·3
	14	71·5	71·5	82·3	83·2	82·4	81·0	81·6	83·0	83·7	83·7	84·7	85·0
	15	75·8	76·9	77·8	78·9	79·9	80·3	80·3	80·3	80·3	81·4	84·1	83·5
	16	79·9	79·9	82·9	83·5	81·7	83·4	84·6	84·6	85·4	89·0	82·6	83·0
	17	89·5	89·3	87·5	—	—	—	—	—	—	—	—	—
	18	—	—	—	76·8	78·3	79·2	81·7	81·7	81·7	85·6	84·0	82·1
	19	b—	b—	b—	85·9	a—	a—	a—	91·6	91·3	a—	93·8	94·0
	20	91·9	92·9	94·0	94·1	94·3	94·3	94·2	93·9	93·9	b—	b—	b—
	21	86·1	86·5	86·5	87·5	88·0	90·4	90·4	89·4	87·8	86·2	86·0	87·5
	22	79·1	79·1	80·0	81·7	81·6	82·6	82·6	82·6	82·5	80·2	79·6	78·0
	23	72·8	72·8	73·5	74·0	75·1	75·8	74·9	75·7	76·6	77·3	74·2	74·5
	24	74·2	70·3	78·5	—	—	—	—	—	—	—	—	—
	25	—	—	—	74·5	74·6	72·8	75·8	76·0	76·7	77·0	79·4	80·1
	26	74·7	76·6	a—	80·0	81·6	81·5	81·2	82·4	83·7	83·7	84·5	86·7
	27	80·0	80·4	80·5	81·1	82·9	82·9	82·9	81·8	81·3	80·7	80·7	79·7
	28	79·6	78·9	75·2	71·8	79·0	81·3	80·1	81·0	79·6	76·2	77·1	77·8
	29	72·7	73·3	74·0	74·0	—	75·4	75·5	76·3	76·3	75·1	75·7	78·1
30	74·0	74·8	75·0	73·8	73·8	73·8	76·8	78·4	80·0	84·4	81·6	80·0	
Hourly Means	78·70	78·56	80·27	79·69	80·49	81·15	81·61	82·09	82·04	81·83	82·56	82·88	
TEMPERATURE OF THE VERTICAL FORCE MAGNET.													
JANUARY.	1	68·8	68·3	67·8	67·0	66·7	66·2	65·8	65·2	64·6	64·1	63·8	63·8
	2	63·0	62·5	—	—	—	59·9	59·3	58·7	58·0	57·5	57·0	57·0
	3	58·1	57·8	57·8	—	—	—	—	—	—	—	—	—
	4	—	—	—	60·0	59·9	59·8	59·8	59·7	59·5	59·6	59·5	59·7
	5	65·9	65·6	65·3	65·1	64·7	64·3	64·0	63·7	63·3	63·0	62·7	62·7
	6	62·6	62·3	62·0	61·9	61·5	61·2	61·2	61·0	60·4	60·1	59·9	59·9
	7	66·4	66·3	66·0	65·8	65·6	65·4	65·2	65·1	65·0	64·7	64·3	64·2
	8	68·8	68·5	68·2	68·0	67·6	67·3	67·0	66·6	66·5	66·2	65·7	65·3
	9	61·7	61·3	61·0	60·7	60·2	59·8	59·3	—	58·8	58·5	58·3	58·3
	10	63·1	63·2	63·1	—	—	—	—	—	—	—	—	—
	11	—	—	—	66·7	66·6	66·3	66·0	65·7	65·2	65·0	65·0	65·0
	12	67·0	66·3	65·9	65·7	65·2	65·0	64·5	64·5	64·1	63·8	63·7	63·6
	13	63·5	63·2	62·9	62·6	62·2	61·7	61·2	61·2	60·8	60·3	60·2	60·2
	14	64·0	64·0	63·6	63·3	62·9	62·7	62·3	62·0	61·8	61·5	61·7	61·8
	15	64·9	64·7	64·5	64·3	63·8	63·3	63·2	63·2	62·9	62·4	62·0	61·7
	16	62·7	62·3	62·2	62·0	61·6	61·3	61·0	60·8	60·5	60·1	60·0	60·0
	17	60·9	60·9	60·8	—	—	—	—	—	—	—	—	—
	18	—	—	—	63·3	63·3	63·3	63·0	62·8	62·3	61·8	61·4	61·2
	19	—	—	—	59·8	—	—	—	57·4	56·9	—	56·0	55·8
	20	56·5	56·2	56·0	55·8	55·9	55·9	56·0	56·0	—	—	—	—
	21	59·1	59·0	58·9	58·8	58·7	58·7	58·5	58·5	58·5	58·5	58·7	58·8
	22	63·0	63·0	62·8	62·6	62·2	62·0	61·8	61·8	61·3	61·2	61·2	61·2
	23	66·0	66·0	65·9	65·7	65·3	65·0	64·8	64·6	64·2	64·0	64·0	64·0
	24	66·2	66·0	65·6	—	—	—	—	—	—	—	—	—
	25	—	—	—	66·7	66·2	66·0	65·6	65·3	64·9	64·6	64·1	64·0
	26	65·5	65·1	—	63·9	63·2	63·0	62·2	62·0	61·4	60·8	60·6	60·4
	27	62·5	62·4	62·2	62·0	62·0	62·0	61·8	61·6	61·5	61·3	61·3	61·7
	28	64·0	64·0	64·0	64·0	63·8	63·6	63·5	63·4	63·2	63·2	63·0	63·1
	29	67·0	66·9	66·5	66·2	—	65·5	65·3	64·9	64·6	64·2	64·0	64·0
	30	66·8	66·8	66·3	65·9	65·4	64·8	64·4	64·0	63·0	62·7	62·5	62·5
Hourly Means	63·92	63·70	63·45	63·51	63·24	62·96	62·67	62·39	62·13	62·05	61·62	61·60	

^a Vibrating considerably.

^b These observations were lost, from the severe indisposition of Mr. Kay and the absence of Mr. Simpkinson on leave.

VERTICAL FORCE.												
One Scale Division = '000061 parts of the V. F. Change in the magnetic moment of the Bar for 1° Fah°. = '00021.												
12h.	13h.	14h.	15.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
83.3	84.4	84.5	84.0	84.4	82.5	79.2	78.3	78.3	81.3	81.3	82.9	79.54
95.1	94.8	91.6	94.0	96.1	94.8	92.0	90.7	90.9	90.4	90.6	89.6	91.02
—	—	—	—	—	—	—	—	—	—	—	—	—
85.8	87.2	85.2	81.5	80.6	81.0	81.0	79.0	79.0	77.5	77.1	77.1	84.88
83.7	84.7	88.0	83.9	83.2	83.2	79.5	81.6	81.4	83.1	82.5	83.4	81.98
87.3	91.9	89.9	84.9	82.5	80.8	81.4	81.6	77.1	75.0	73.4	77.3	83.63
80.9	84.1	81.4	81.0	75.1	68.6	69.8	70.2	69.8	72.8	72.8	72.8	76.51
81.3	84.4	86.9	86.9	88.0	85.9	84.4	80.4	79.9	81.7	81.9	82.1	78.31
89.8	91.3	89.7	87.3	87.5	86.3	84.7	82.9	79.4	78.4	78.3	77.6	85.90
—	—	—	—	—	—	—	—	—	—	—	—	—
75.3	72.2	69.3	69.3	68.4	68.1	69.2	69.6	71.0	69.8	75.4	70.1	73.29
82.1	84.3	82.5	79.4	77.5	76.3	77.5	77.9	76.0	76.0	77.3	77.3	77.34
89.5	88.4	95.2	78.4	81.6	76.1	80.7	77.5	76.3	78.9	77.4	77.3	81.70
85.3	86.6	82.2	80.0	79.2	75.6	73.0	70.2	72.9	77.0	77.4	78.5	79.65
83.5	85.8	86.8	83.2	84.7	84.5	86.8	83.9	81.5	81.2	81.2	81.2	81.83
83.5	85.9	87.2	86.1	87.5	87.5	89.7	90.8	87.6	89.5	86.2	90.5	85.52
—	—	—	—	—	—	—	—	—	—	—	—	—
83.9	85.3	89.1	92.0	91.2	90.1	87.5	84.1	84.1	84.2	83.4	83.1	84.81
95.1	97.2	98.9	96.8	96.8	92.3	90.5	88.5	88.3	90.9	90.9	91.8	92.62
96.8	97.7	97.3	96.4	90.0	86.5	85.7	86.5	89.6	87.2	85.7	85.2	91.71
89.7	90.6	92.1	91.1	89.4	85.5	80.2	80.0	77.6	79.8	79.3	78.8	86.10
79.3	82.4	84.0	83.2	80.1	76.0	73.2	73.2	74.7	74.7	74.5	73.5	79.10
78.5	75.0	73.4	—	79.6	79.4	76.8	76.1	89.2	89.4	88.3	78.2	77.44
—	—	—	—	—	—	—	—	—	—	—	—	—
80.5	81.9	80.9	78.3	76.2	75.2	—	72.5	73.5	73.5	74.2	74.7	76.13
87.9	87.9	83.9	80.8	77.5	78.3	80.8	82.4	82.1	79.2	79.2	80.4	81.61
81.0	83.1	82.9	84.8	87.5	87.5	80.4	77.7	73.5	73.5	78.2	81.1	81.09
78.8	81.6	88.9	84.4	79.0	78.0	71.7	69.8	71.0	72.0	72.8	71.4	77.38
81.6	83.0	85.0	83.1	85.8	78.8	73.5	74.6	72.7	77.0	74.9	73.5	76.95
81.6	84.0	86.5	84.7	82.1	79.1	76.4	74.9	76.2	79.5	80.5	78.6	78.77
84.66	85.99	86.28	84.62	83.52	81.45	80.22	79.03	78.99	79.75	79.79	79.54	81.50

TEMPERATURE OF THE VERTICAL FORCE MAGNET.												
63.7	63.7	63.7	64.0	64.1	64.3	64.3	64.3	64.3	64.2	63.9	63.5	65.00
57.2	57.0	56.9	56.8	57.0	57.2	57.4	57.7	57.9	58.1	58.1	58.1	58.20
—	—	—	—	—	—	—	—	—	—	—	—	—
59.8	60.2	61.0	62.0	62.8	63.7	64.2	65.0	65.7	66.1	66.3	66.1	61.42
62.5	62.3	62.2	62.2	62.2	62.5	62.7	62.9	63.0	63.0	62.9	62.8	63.40
60.1	60.3	61.2	61.8	63.0	63.6	64.2	64.8	65.2	65.8	66.2	66.2	62.35
64.5	64.8	65.3	66.0	66.9	68.1	68.8	69.1	69.2	69.2	69.1	68.9	66.41
64.3	63.8	63.3	62.9	62.8	62.8	62.5	62.3	62.1	62.1	62.0	61.9	64.94
58.3	58.4	58.7	59.2	59.8	60.2	60.7	61.2	61.7	62.3	62.8	63.0	60.18
—	—	—	—	—	—	—	—	—	—	—	—	—
65.3	65.6	66.0	66.4	67.0	67.5	67.8	67.9	67.7	67.4	67.1	66.9	65.98
63.5	63.6	63.7	63.8	63.9	64.0	64.0	64.1	64.0	64.0	63.9	63.6	64.40
60.3	60.6	60.8	61.5	62.0	62.5	63.0	63.3	63.7	63.8	64.0	64.0	62.06
61.9	62.0	62.3	62.8	63.3	64.1	64.5	64.9	65.2	65.3	65.2	65.0	63.35
61.6	61.6	61.7	61.8	61.8	62.0	62.2	62.8	62.6	62.8	62.8	62.8	62.81
59.8	60.0	60.0	60.2	60.2	60.3	60.4	60.7	60.8	60.8	60.9	60.9	60.81
—	—	—	—	—	—	—	—	—	—	—	—	—
61.1	61.1	61.2	61.2	61.3	61.5	61.5	61.3	61.3	61.5	61.3	61.3	61.70
55.6	55.6	55.7	55.7	55.9	56.2	56.3	56.5	56.8	56.8	56.9	56.7	56.51
55.7	55.9	56.0	56.3	56.6	57.1	57.7	58.0	58.1	58.7	59.0	59.2	56.83
58.8	59.3	59.7	60.0	60.5	60.8	61.3	61.7	62.1	62.5	62.9	62.9	59.88
61.0	61.0	61.2	61.7	62.2	62.8	63.3	64.2	64.8	65.3	65.8	66.0	62.64
64.6	65.0	65.0	—	65.1	65.3	65.6	66.0	66.2	66.6	66.8	66.5	65.31
—	—	—	—	—	—	—	—	—	—	—	—	—
63.8	64.0	64.2	64.5	64.6	65.2	—	66.0	66.1	66.0	65.9	65.6	65.27
60.3	60.2	60.3	60.7	61.1	61.4	61.7	62.0	62.1	62.4	62.5	62.6	61.97
61.9	61.8	61.9	62.0	62.2	62.6	62.8	63.0	63.4	63.6	63.8	63.8	62.30
63.2	63.4	63.7	64.2	64.5	64.9	65.3	65.9	66.5	67.0	67.0	67.1	64.40
64.0	64.2	64.2	64.8	65.2	65.4	66.0	66.2	66.6	66.8	66.9	67.0	65.50
62.4	62.3	62.3	62.6	62.9	63.1	63.6	63.8	64.0	64.0	64.0	64.0	63.92
61.35	61.45	61.62	61.80	62.27	62.66	62.87	63.30	63.50	63.70	63.78	63.71	62.72

VERTICAL FORCE.													
One Scale Division = '000062 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah°. = 00021.													
Mean Göttingen Time. } 0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.		
Jan. 31	Sc. Div. 80°0	Sc. Div. 80°0	Sc. Div. 80°7	—	—	—	—	—	—	—	—	—	
FEBRUARY.	1	—	—	79°0	80°9	81°1	81°1	79°2	79°2	75°9	76°8	76°8	
	2	64°4	63°2	64°8	66°8	—	66°8	63°4	68°7	68°7	67°1	67°1	
	3	78°1	79°0	79°6	80°6	78°3	81°9	82°5	82°5	a—	a—	85°7	83°1
	4	88°7	85°7	87°8	88°7	88°8	88°8	89°2	90°4	90°4	89°5	89°5	88°4
	5	79°7	79°7	81°2	80°6	81°9	81°9	81°9	81°5	81°5	81°5	80°6	81°6
	6	69°8	70°9	70°9	70°9	—	70°9	70°9	72°3	73°4	74°9	74°2	74°7
	7	80°0	80°0	82°9	—	—	—	—	—	—	—	—	—
	8	—	—	—	85°3	86°2	86°2	87°6	87°6	89°3	89°3	90°2	88°9
	9	79°4	82°3	69°3	60°8	87°8	87°0	84°3	84°3	84°6	84°4	86°0	88°9
	10	80°4	80°4	a—	a—	—	—	—	—	—	95°2	95°2	a—
	11	92°6	96°2	94°8	94°9	—	94°8	94°8	95°5	96°0	97°1	95°5	97°8
	12	87°2	90°2	89°7	88°6	89°6	89°6	89°9	89°6	89°6	89°5	92°1	92°5
	13	87°3	89°0	89°0	91°5	91°0	89°5	a—	91°1	a—	90°2	94°5	96°1
	14	88°2	90°2	93°0	—	—	—	—	—	—	—	—	—
	15	—	—	—	84°0	80°4	85°1	86°2	87°2	87°1	87°6	88°0	90°5
	16	77°6	80°5	76°7	79°9	82°2	85°4	82°4	86°5	—	81°0	85°1	85°9
	17	78°8	79°9	77°9	80°5	80°5	83°6	85°7	82°2	83°4	83°4	83°9	84°0
	18	83°4	83°4	81°3	78°8	82°0	86°0	86°0	87°8	84°0	88°5	90°7	87°3
	19	82°4	84°1	84°1	84°1	84°8	84°8	85°0	86°4	86°4	86°7	84°9	84°1
	20	75°4	75°6	77°0	78°4	—	—	83°9	a—	85°3	82°1	84°9	86°3
	21	80°7	80°7	80°7	—	—	—	—	—	—	—	—	—
	22	—	—	—	—	83°7	84°7	85°0	84°5	84°5	85°1	86°7	86°7
	23	78°8	79°7	81°4	84°1	a—	a—	a—	a—	85°0	86°7	88°2	90°5
	24	81°5	81°9	81°9	82°4	—	83°1	83°1	85°1	85°3	85°8	86°5	87°0
	25	77°3	78°1	78°1	78°1	78°4	77°5	77°2	78°4	79°6	79°6	79°7	79°7
	26	81°7	83°7	85°0	86°6	a—	a—	a—	a—	90°2	91°3	92°6	95°6
	27	85°2	85°2	87°1	86°0	86°6	87°2	87°2	88°3	90°0	88°4	89°0	90°7
Hourly Means	80°77	81°65	81°52	81°39	83°94	83°79	83°54	84°19	84°67	85°32	86°15	86°27	

TEMPERATURE OF THE VERTICAL FORCE MAGNET.													
Jan. 31	63°6	63°4	63°0	—	—	—	—	—	—	—	—	—	
FEBRUARY.	1	—	—	64°3	64°2	64°0	64°0	64°0	64°0	64°0	63°8	63°8	
	2	70°5	70°7	70°5	70°5	—	70°0	69°8	69°6	69°2	69°0	68°9	
	3	65°2	64°8	64°2	63°7	63°3	63°0	62°7	62°2	—	—	61°2	61°0
	4	59°0	58°8	58°6	58°5	58°2	58°2	58°0	57°8	57°6	57°6	57°6	57°8
	5	62°2	62°2	62°2	62°2	62°0	62°0	62°0	62°0	62°0	62°0	62°0	62°2
	6	67°2	67°2	67°2	67°0	—	66°7	66°6	66°5	66°3	66°0	65°8	65°8
	7	62°0	61°6	61°2	—	—	—	—	—	—	—	—	—
	8	—	—	—	58°8	58°8	58°4	58°2	58°2	57°8	57°8	57°7	58°0
	9	62°8	62°6	62°3	62°5	62°5	62°5	61°9	61°6	61°1	60°7	60°5	60°3
	10	61°2	60°6	—	—	—	—	—	—	—	56°0	55°6	—
	11	54°3	54°2	54°2	54°2	—	54°0	54°0	54°2	54°2	54°2	54°2	54°6
	12	57°6	58°0	58°0	57°8	57°8	57°6	57°4	57°2	57°0	56°8	56°5	56°4
	13	57°5	57°0	56°8	56°5	56°0	55°6	—	54°8	54°4	—	54°0	54°2
	14	56°9	56°7	56°3	—	—	—	—	—	—	—	—	—
	15	—	—	—	57°9	57°8	57°6	57°5	57°3	57°2	57°0	56°9	57°2
	16	61°2	61°0	60°8	60°5	60°3	60°0	59°8	59°7	—	59°2	59°2	59°0
	17	62°0	61°8	61°3	61°0	60°4	59°8	59°4	59°2	58°7	58°5	58°7	58°2
	18	59°8	59°4	59°0	58°8	58°6	58°0	57°5	57°3	57°0	56°5	56°1	56°0
	19	60°4	60°2	60°2	60°2	60°0	60°0	60°0	59°8	59°8	59°5	59°3	59°3
	20	63°5	63°3	63°0	62°7	—	—	61°4	—	60°3	60°0	59°7	59°7
	21	61°8	61°8	61°6	—	—	—	—	—	—	—	—	—
	22	—	—	—	—	59°7	59°4	59°3	59°1	59°0	58°8	58°4	58°4
	23	61°8	61°1	60°5	60°1	—	—	—	—	58°2	57°8	57°4	57°6
	24	60°3	60°0	59°8	59°8	—	59°4	59°0	58°8	58°8	58°6	58°5	58°6
	25	62°0	62°0	61°8	62°0	62°0	61°9	61°8	61°7	61°6	61°4	61°2	61°4
	26	59°6	59°0	58°6	58°0	—	—	—	—	55°7	55°7	55°3	55°5
	27	58°8	58°8	58°4	58°2	58°0	57°7	57°4	57°0	56°7	56°5	56°2	56°2
Hourly Means	61°30	61°09	60°86	60°69	59°98	60°29	60°39	59°90	59°33	59°25	58°95	59°13	

* Vibrating considerably.

VERTICAL FORCE.

One Scale Division = '000062 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah. = '00021.

12h.	13.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
76·8	78·0	81·9	81·9	78·9	76·4	73·7	67·9	64·9	63·5	66·6	64·4	76·07
67·3	67·5	71·4	72·5	72·9	72·9	72·9	74·6	73·0	72·5	72·7	72·7	69·15
83·1	83·1	84·2	86·3	87·0	85·2	85·2	84·4	83·9	84·0	84·0	85·7	83·07
90·1	90·2	90·2	91·3	90·2	89·5	87·6	84·0	81·3	80·2	80·2	80·2	87·54
81·4	79·9	79·9	77·7	75·0	72·7	72·7	72·4	71·1	70·5	70·5	69·8	77·80
75·8	77·3	76·0	73·9	78·3	77·3	79·3	79·3	80·6	80·6	80·6	80·6	75·37
88·9	85·6	88·0	86·4	82·7	81·9	81·7	77·8	80·4	85·1	93·7	81·3	85·29
89·8	89·9	a—	80·2	83·0	80·2	79·1	79·1	79·1	79·1	80·2	81·2	81·74
a—	101·8	103·7	100·3	98·0	96·2	94·3	93·6	94·6	93·6	93·9	93·3	—
99·3	99·7	99·0	94·2	93·7	93·7	90·5	89·7	88·2	87·8	87·2	87·2	93·92
93·4	95·0	95·5	90·6	88·6	89·2	89·2	87·4	86·0	86·0	86·0	86·5	89·65
96·9	98·2	97·4	97·3	95·9	90·0	89·7	88·6	87·1	88·5	90·5	88·9	91·74
89·7	89·8	88·7	87·1	85·7	85·7	82·6	83·3	81·3	80·0	80·0	79·3	85·86
88·0	81·7	82·6	80·6	79·2	78·1	79·7	78·5	77·8	77·1	77·2	76·4	80·87
84·4	86·7	86·7	86·7	83·8	81·3	82·3	80·6	80·6	82·7	82·7	83·4	82·74
88·4	90·7	92·6	89·3	—	85·8	85·2	85·5	84·7	84·7	83·8	82·9	85·77
85·9	88·3	89·1	86·8	86·8	84·9	81·0	79·9	78·0	76·6	75·8	74·6	83·56
89·3	89·7	90·1	89·4	89·1	85·5	82·9	83·3	82·3	80·9	78·2	76·5	83·15
86·9	87·8	88·6	84·5	82·3	79·8	78·2	76·0	76·8	78·6	78·3	78·5	82·58
90·5	90·0	89·7	89·9	89·3	87·3	84·7	82·4	81·2	81·3	80·1	81·4	85·11
86·4	87·7	89·4	87·7	84·8	81·9	80·1	78·5	78·2	78·9	77·1	76·5	83·08
90·1	84·9	84·9	78·6	77·1	76·0	76·3	82·0	78·7	77·7	81·4	82·2	79·08
93·4	93·0	98·3	96·5	91·8	86·5	84·2	83·6	87·1	84·1	80·4	84·6	88·51
92·6	95·7	97·7	93·8	92·1	89·0	84·8	81·0	81·6	80·9	78·0	78·9	87·38
87·32	88·01	88·94	86·81	85·49	83·62	82·41	81·40	80·77	80·62	80·79	80·29	83·71

TEMPERATURE OF THE VERTICAL FORCE MAGNET.

63·7	63·8	64·2	64·6	65·7	66·5	67·3	68·2	69·0	69·3	69·8	70·2	65·35
68·4	68·2	68·2	68·3	68·2	68·2	68·0	67·8	67·8	67·5	67·0	66·2	68·75
61·0	60·8	60·8	60·8	60·7	60·6	60·5	60·3	60·2	60·0	59·8	59·4	61·65
57·8	57·9	58·2	58·6	59·0	59·7	60·2	61·0	61·4	61·8	62·0	62·2	59·06
62·8	63·2	63·8	64·8	65·2	65·8	66·2	66·4	66·8	67·0	67·2	67·2	63·81
65·5	65·2	65·0	64·6	64·5	64·0	63·7	63·6	63·3	63·0	62·8	62·5	65·21
58·1	58·2	58·6	59·0	59·6	60·0	60·4	61·0	61·4	62·0	62·2	62·4	59·64
60·2	60·0	—	60·2	60·9	61·4	61·8	62·3	62·5	62·8	62·8	62·0	61·66
—	54·8	54·4	54·7	54·7	54·6	54·6	54·6	54·5	54·5	54·5	54·3	55·57
54·8	54·9	55·0	55·3	55·6	56·2	56·4	56·8	57·0	57·4	57·6	57·6	55·26
56·4	56·4	56·5	56·8	57·0	57·2	57·3	57·6	57·8	57·9	57·9	57·7	57·28
54·2	54·2	54·4	54·8	55·1	56·3	56·4	56·5	56·8	56·9	56·9	57·0	55·74
57·3	57·8	58·2	58·7	59·3	60·0	60·5	60·8	61·1	61·3	61·3	61·3	58·50
59·0	59·3	60·0	60·7	61·0	61·6	62·0	62·7	62·9	62·8	62·7	62·4	60·78
57·8	57·8	57·8	57·8	58·3	58·7	59·2	59·6	59·8	59·8	59·8	59·8	59·38
56·0	56·0	56·2	56·8	—	57·9	58·6	59·1	59·5	59·8	60·1	60·2	58·01
59·3	59·3	59·7	60·2	60·6	61·0	61·6	62·2	62·6	63·0	63·2	63·0	60·60
59·5	59·4	59·5	59·5	59·9	60·2	60·6	61·0	61·3	61·6	61·6	61·8	60·93
58·7	59·0	59·4	60·3	60·8	61·2	61·6	62·0	62·0	62·0	61·9	61·6	60·34
57·7	58·0	58·3	58·4	58·8	59·0	59·2	59·6	60·0	60·2	60·2	60·3	59·21
58·8	58·8	59·0	59·2	59·6	60·0	60·3	60·8	61·3	61·7	61·8	62·0	59·78
61·4	61·5	61·6	62·0	62·1	62·0	61·8	61·8	61·3	61·0	60·5	60·0	61·57
55·5	55·8	56·4	56·7	57·2	57·6	58·0	58·4	58·8	58·8	59·0	59·0	57·43
56·2	56·2	56·6	57·2	57·6	58·3	58·8	59·7	60·0	60·5	60·7	61·0	58·01
59·13	59·02	59·21	59·58	60·06	60·32	60·63	60·99	61·21	61·36	61·39	61·30	59·90

VERTICAL FORCE.													
One Scale Division = '000061 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah' = '00021.													
Mean Göttingen Time. }	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
Feb. 28	78·9	80·8	81·7	—	—	—	—	—	—	—	—	—	
MARCH	1	—	—	80·6	80·6	80·8	80·8	81·0	81·0	82·6	83·1	82·7	
	2	77·2	78·3	78·0	78·6	79·5	80·9	a—	82·5	—	84·4	85·4	
	3	77·2	78·2	78·2	79·8	79·8	76·5	82·6	81·1	80·4	79·7	81·0	
	4	68·7	69·9	71·6	73·7	69·9	66·5	71·7	79·5	81·8	80·0	79·1	78·2
	5	57·8	58·7	59·2	59·8	65·0	66·6	67·1	67·1	68·7	69·6	70·7	72·4
	6	77·9	79·3	79·3	81·7	82·0	a—	84·4	85·4	a—	a—	88·7	87·6
	7	80·6	80·9	80·8	—	—	—	—	—	—	—	—	—
	8	—	—	—	76·2	77·5	77·5	78·0	77·6	—	77·7	77·9	79·0
	9	71·8	73·5	74·0	74·8	75·7	76·1	77·4	77·3	77·5	77·5	78·9	80·0
	10	77·5	78·5	78·2	80·7	—	83·0	83·6	84·8	84·5	85·0	85·0	86·0
	11	81·7	81·7	81·7	83·2	—	84·3	85·1	85·8	86·5	85·9	82·1	83·2
	12	80·5	83·5	83·3	83·0	85·2	85·5	85·9	87·3	86·6	86·2	a—	90·3
	13	70·6	74·8	82·4	63·0	77·0	76·6	74·0	72·8	75·0	77·2	80·7	78·0
	14	77·5	64·9	68·6	—	—	—	—	—	—	—	—	—
	15	—	—	—	82·6	84·3	84·6	82·2	a—	a—	88·6	85·9	86·3
	16	79·1	80·5	78·9	81·9	82·0	83·4	84·3	81·9	81·5	80·2	85·8	86·3
	17	64·8	58·7	66·8	70·5	70·5	74·4	75·4	72·2	74·0	73·9	80·8	74·2
	18	61·4	72·9	73·5	68·8	73·3	74·0	73·4	72·9	72·0	72·9	75·3	74·5
	19	77·6	78·4	79·6	77·6	79·5	80·5	81·5	80·1	80·5	81·4	81·3	82·2
	20	67·1	74·0	74·0	74·6	74·7	b73·1	72·4	73·4	75·2	76·2	78·6	80·0
	21	77·0	79·0	79·2	—	—	—	—	—	—	—	—	—
	22	—	—	—	81·8	81·8	81·8	83·8	83·7	84·2	85·9	85·9	87·7
	23	86·2	88·2	88·2	88·2	91·9	90·6	91·8	92·3	91·4	92·5	91·2	91·5
	24	90·0	91·5	91·4	92·3	93·6	91·2	94·4	94·4	94·0	93·2	93·2	95·3
	25	89·1	91·8	92·6	91·5	91·9	91·9	91·9	91·2	81·2	91·2	92·0	93·2
	26	87·3	94·2	93·2	91·2	92·0	92·8	91·4	91·4	91·2	90·6	92·5	93·4
	27	83·6	83·8	84·5	85·2	81·8	85·8	86·0	89·6	a—	a—	88·8	90·0
	28	92·8	94·1	86·5	—	—	—	—	—	—	—	—	—
	29	—	—	—	96·8	95·4	94·3	94·3	95·8	95·2	95·6	95·3	95·5
	30	89·8	90·9	90·0	90·6	90·6	90·0	89·8	92·0	91·6	91·5	91·3	92·3
	31	92·8	94·6	95·4	95·9	a—	a—	97·1	96·9	97·2	98·8	99·2	103·3
Hourly Means	78·39	79·84	80·40	80·91	81·48	81·71	83·09	83·46	83·73	83·93	84·89	85·73	

TEMPERATURE OF THE VERTICAL FORCE MAGNET.												
Feb. 28	61·2	61·2	61·2	—	—	—	—	—	—	—	—	—
MARCH	1	—	—	61·6	61·4	61·0	60·6	60·4	60·1	59·7	59·3	59·6
	2	62·0	62·0	61·7	61·4	61·0	60·6	—	60·4	—	59·8	59·0
	3	62·7	62·3	62·0	61·9	61·8	61·7	61·5	61·3	61·2	61·2	61·6
	4	67·4	67·0	66·7	66·1	65·4	65·0	64·6	64·2	63·7	63·3	63·2
	5	72·8	72·6	72·0	71·6	70·8	70·2	69·0	69·0	68·5	67·8	67·1
	6	62·7	62·3	61·7	61·5	60·8	—	59·6	59·0	—	—	57·6
	7	61·0	61·1	61·1	—	—	—	—	—	—	—	—
	8	—	—	—	63·6	63·3	63·0	62·8	62·8	—	62·2	62·2
	9	65·0	64·8	64·5	64·3	63·8	63·4	63·2	63·0	62·6	62·0	61·8
	10	61·7	61·3	61·0	60·6	—	60·0	59·6	59·0	58·7	58·5	58·0
	11	59·8	59·6	59·2	59·0	—	58·5	58·5	58·5	58·0	57·6	57·2
	12	59·2	59·0	58·8	58·7	58·4	58·1	57·8	57·5	57·2	56·8	—
	13	64·3	64·4	64·8	65·0	65·0	64·6	64·2	64·0	63·8	63·4	63·0
	14	65·6	65·1	65·0	—	—	—	—	—	—	—	—
	15	—	—	—	60·8	60·7	60·4	60·0	—	—	58·8	58·6
	16	61·8	61·6	61·5	61·2	61·0	60·8	60·6	60·4	60·2	60·0	60·0
	17	65·0	65·0	65·0	64·8	64·5	64·5	64·2	64·2	64·0	63·9	63·6
	18	66·0	66·2	66·2	66·2	66·3	66·2	66·1	66·0	66·0	65·8	65·8
	19	62·7	62·3	62·1	61·9	61·8	61·8	61·8	61·8	61·8	61·6	61·7
	20	65·4	65·4	65·4	65·4	65·3	65·2	65·2	65·3	64·8	64·2	64·0
	21	63·0	62·8	62·6	—	—	—	—	—	—	—	—
	22	—	—	—	61·2	60·8	60·6	60·2	59·8	59·6	59·4	59·0
	23	58·0	57·6	57·4	57·0	56·6	56·3	56·0	55·8	55·7	55·5	55·4
	24	56·8	56·5	56·2	56·0	55·8	55·7	55·4	55·3	55·2	55·0	55·0
	25	56·6	56·5	56·2	56·0	55·8	55·5	55·3	55·3	55·3	55·1	55·0
	26	55·2	55·0	55·2	55·2	55·0	55·0	55·0	55·0	55·1	55·1	55·1
	27	59·0	59·0	58·7	58·5	58·2	58·0	57·5	57·0	—	—	55·8
	28	54·5	54·0	53·8	—	—	—	—	—	—	—	—
	29	—	—	—	53·2	53·0	52·9	52·8	52·6	52·6	52·7	52·6
	30	55·5	55·5	55·5	55·3	55·2	55·0	54·8	54·6	54·2	54·0	53·8
	31	53·2	52·8	52·6	52·4	—	—	51·6	51·4	51·2	51·0	50·8
Hourly Means	61·41	61·19	61·04	60·76	60·90	60·56	59·92	59·75	59·52	59·38	59·08	58·90

^a Vibrating largely. ^b A violent thunder storm, with heavy tropical rain. Instruments closely watched, and found not to be affected in the slightest degree.

VERTICAL FORCE.

One Scale Division = '000061 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '00021.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
84.1	86.5	82.6	81.3	78.2	78.2	78.2	77.4	76.6	78.4	75.7	75.0	80.28
86.2	86.2	83.5	78.7	73.4	73.0	73.6	76.0	77.4	77.4	76.0	76.9	79.43
80.9	79.4	78.1	74.1	68.0	68.0	67.4	65.4	68.3	68.3	66.6	68.5	75.28
78.0	77.8	73.2	71.8	69.8	69.0	65.6	63.5	62.2	59.1	59.1	57.2	70.70
74.4	75.4	76.9	76.9	78.4	76.6	76.6	76.4	76.4	77.5	77.9	77.9	71.00
89.5	90.2	90.7	87.6	84.4	84.0	85.6	84.1	82.2	81.1	80.5	80.5	84.13
80.6	82.3	80.0	77.0	73.5	72.2	71.0	70.6	71.2	71.2	71.2	72.0	76.37
79.5	80.4	79.2	76.7	74.5	73.8	73.8	74.7	75.8	76.0	76.0	76.9	76.32
85.9	87.5	87.4	85.3	84.7	80.6	81.8	81.1	77.4	80.3	80.4	80.4	82.59
85.7	87.4	87.8	86.7	82.4	82.9	82.9	83.6	82.0	81.1	80.4	81.9	83.74
92.3	91.4	88.4	86.4	85.8	80.6	76.6	77.4	81.0	74.3	72.8	69.7	83.22
78.9	76.8	78.1	79.5	79.0	73.9	70.3	70.3	78.8	76.0	75.0	77.5	75.68
87.9	88.7	91.0	88.4	87.3	84.4	82.8	80.0	77.4	76.9	77.4	77.9	82.07
85.6	88.3	80.2	79.7	78.7	79.5	75.8	75.8	75.8	72.8	70.2	66.5	79.78
76.2	78.2	82.0	82.0	80.3	76.6	75.2	74.5	70.1	73.7	70.3	73.5	73.70
78.3	86.8	80.9	78.5	77.2	76.1	77.1	78.2	78.2	77.4	76.3	76.7	75.31
81.5	80.9	83.2	82.9	80.4	80.4	76.5	75.4	73.2	71.5	71.5	72.8	78.77
81.8	81.0	81.0	81.0	79.1	77.6	77.2	78.0	78.3	78.3	78.0	77.0	76.73
87.7	87.9	88.5	88.1	91.4	91.4	91.8	90.5	88.5	86.1	86.2	86.2	85.67
91.2	91.2	91.2	90.7	90.7	90.6	89.9	89.9	87.8	86.8	89.0	90.5	90.14
96.3	96.9	96.9	94.1	94.8	92.3	90.0	89.5	87.3	88.3	87.7	89.0	92.40
93.4	92.8	94.5	94.0	95.0	94.2	93.0	93.6	93.6	91.4	89.6	91.5	92.34
92.4	90.9	90.9	92.0	89.2	87.0	84.5	84.3	83.1	83.1	83.1	84.9	89.44
96.3	94.4	96.0	94.4	93.3	91.4	91.3	91.3	91.0	89.8	91.5	91.5	89.60
94.1	94.0	97.1	97.4	94.1	94.0	92.6	91.0	89.4	88.5	89.0	89.9	93.45
92.0	95.6	93.7	93.7	95.5	96.6	95.0	93.3	92.0	91.8	90.0	91.8	92.14
—	102.0	102.0	99.7	99.7	99.7	98.4	97.3	95.8	94.1	93.3	92.1	97.40
85.79	87.07	86.48	85.13	83.66	82.39	81.28	80.86	80.40	79.68	79.07	79.49	82.42

TEMPERATURE OF THE VERTICAL FORCE MAGNET.

59.4	59.3	59.6	59.8	60.2	60.4	60.8	61.4	61.8	62.0	62.3	62.2	60.69
59.2	59.6	59.6	60.2	60.9	61.1	61.8	62.1	62.4	62.7	62.7	62.7	61.01
62.0	63.0	64.0	65.3	66.6	67.8	68.7	68.7	68.6	68.4	68.2	67.8	64.15
63.3	64.0	64.3	65.1	66.2	67.2	68.2	69.2	70.4	71.2	72.0	72.4	66.38
66.0	65.4	65.0	64.8	64.5	64.3	64.2	64.0	63.8	63.8	63.3	62.8	67.08
57.7	57.8	57.8	58.2	58.5	58.8	59.0	59.2	59.5	59.8	59.9	60.0	59.48
62.2	62.6	63.0	63.6	64.2	64.5	64.8	65.2	65.2	65.3	65.0	65.0	63.30
61.5	61.3	61.5	61.8	62.2	62.2	62.4	62.6	62.4	62.4	62.2	62.0	62.69
57.7	57.7	57.9	58.2	58.5	58.9	59.1	59.4	59.7	59.8	59.8	59.8	59.25
57.2	57.2	57.2	57.2	57.6	57.5	58.2	58.8	59.0	59.1	59.2	59.2	58.28
56.2	56.6	57.2	58.0	59.0	59.6	60.6	61.6	62.2	63.0	63.4	64.0	59.09
62.4	62.7	63.1	63.7	64.4	65.0	65.7	66.0	66.0	66.0	65.8	65.8	64.40
58.0	58.2	58.3	58.8	59.2	59.8	60.2	60.8	61.4	61.7	61.8	61.8	60.61
60.3	60.7	61.2	61.7	62.2	62.8	63.6	64.0	64.6	65.0	65.2	65.2	61.91
63.6	63.5	63.6	63.6	64.0	64.3	65.0	65.3	65.6	65.8	66.0	66.0	64.53
65.0	64.2	64.3	64.2	64.0	64.0	63.6	63.3	63.4	63.2	63.2	63.0	64.90
62.0	62.4	62.9	63.2	63.8	64.0	64.4	64.8	65.0	65.2	65.2	65.4	62.97
63.2	63.0	63.0	63.2	63.2	63.2	63.2	63.5	63.6	63.6	63.5	63.2	64.10
58.6	58.3	58.2	58.4	58.6	58.4	58.4	58.2	58.2	58.2	58.0	57.8	59.47
56.0	56.2	56.6	57.0	57.2	57.5	57.4	57.4	57.4	57.3	57.2	56.9	56.71
54.8	54.7	54.7	54.9	55.0	55.4	55.8	56.0	56.3	56.6	56.5	56.6	55.63
54.8	54.8	54.8	54.7	54.8	54.8	54.8	54.8	54.8	55.0	55.0	55.0	55.23
55.6	56.0	56.4	56.8	57.2	58.0	58.6	58.8	59.1	59.5	59.6	59.4	56.50
55.4	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.3	55.2	54.8	56.38
52.8	52.8	53.0	53.3	53.5	54.1	54.5	54.8	55.0	55.2	55.4	55.5	53.64
53.8	53.8	53.9	53.9	54.0	54.1	54.2	54.2	54.1	54.0	53.7	53.5	54.35
50.7	50.9	51.1	51.3	51.4	51.6	51.8	52.0	52.0	51.8	52.2	53.0	51.70
58.87	58.92	59.17	59.49	59.86	60.17	60.53	60.80	60.99	61.14	61.16	61.14	60.10

VERTICAL FORCE.													
One Scale Division = '000063 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '00021.													
Mean Götting- gen Time. }	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
APRIL.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
	1	91·8	90·2	95·1	95·1	96·1	95·7	95·0	94·3	94·3	93·3	94·8	93·9
	2	90·2	90·2	90·2	92·2	—	92·4	91·8	90·6	90·6	90·2	88·6	90·0
	3	88·3	88·1	88·6	90·4	91·8	90·6	89·5	91·3	91·3	92·0	91·6	92·5
	4	84·8	86·5	84·0	—	—	—	—	—	—	—	—	—
	5	—	—	—	88·9	87·3	89·6	89·2	87·4	88·2	89·3	90·8	89·6
	6	87·0	86·5	80·8	83·0	82·3	80·6	76·9	76·9	84·1	84·5	88·4	79·9
	7	84·6	81·0	81·0	88·1	85·3	86·8	88·3	88·3	83·8	86·7	90·1	89·5
	8	86·8	85·1	87·4	88·3	89·4	88·2	87·0	88·7	—	85·8	85·4	88·0
	9	87·7	87·7	88·4	a—	—	—	—	—	—	—	—	—
	10	—	—	—	84·7	83·6	82·5	81·5	79·7	74·5	81·2	81·9	82·5
	11	92·9	90·2	89·6	—	—	—	—	—	—	—	—	—
	12	—	—	—	93·8	93·0	93·2	92·0	90·3	90·3	90·3	90·3	90·3
	13	79·0	82·8	82·2	83·3	84·0	82·7	75·7	78·8	79·2	79·7	79·8	83·2
	14	79·0	79·9	84·8	85·2	84·6	83·7	83·3	81·7	81·2	80·5	80·5	78·8
	15	81·3	76·8	84·0	86·7	80·8	82·8	85·3	88·4	—	89·0	89·0	94·0
	16	97·7	93·0	87·5	85·2	88·7	95·5	89·1	90·5	91·8	86·5	93·6	93·5
	17	84·9	84·8	84·2	87·8	85·1	86·4	84·3	88·3	—	83·2	88·3	88·3
	18	80·9	81·9	82·4	—	—	—	—	—	—	—	—	—
	19	—	—	—	94·7	94·7	95·3	97·5	92·7	94·9	96·3	97·3	99·5
	20	94·0	96·5	98·0	98·0	98·5	100·0	100·1	100·3	99·1	98·7	97·4	98·6
	21	93·8	94·3	94·8	95·9	96·7	97·2	97·8	98·2	99·2	98·1	98·1	98·1
	22	90·0	93·6	95·4	97·2	96·8	95·5	94·1	95·3	95·5	95·8	96·9	91·4
	23	86·7	86·7	87·1	89·4	90·0	90·9	90·9	92·0	92·0	92·1	89·4	89·2
	24	92·3	92·7	93·1	93·0	93·0	93·1	93·4	91·7	91·7	94·2	94·2	94·8
	25	94·5	92·1	92·3	—	—	—	—	—	—	—	—	—
	26	—	—	—	92·9	93·1	93·3	93·3	88·9	89·8	90·2	92·2	95·5
	27	88·3	90·1	91·5	87·0	95·7	89·7	87·7	90·2	90·2	90·0	90·6	90·4
	28	92·1	93·2	93·7	93·7	95·3	95·3	94·1	94·1	—	94·2	95·5	94·5
	29	96·0	97·0	98·1	98·8	98·7	99·5	98·3	97·9	—	97·4	96·9	94·8
30	99·3	98·1	97·0	99·2	99·2	99·0	99·0	97·5	98·0	98·0	98·0	98·6	
Hourly Means	88·96	88·76	89·25	90·90	90·99	91·18	90·20	90·16	89·99	90·29	91·19	91·18	
TEMPERATURE OF THE VERTICAL FORCE MAGNET.													
APRIL.	1	53·0	52·8	53·0	53·0	52·8	52·8	52·8	53·0	53·1	53·1	53·1	53·1
	2	54·8	54·8	54·8	54·8	—	54·6	54·7	54·7	54·6	54·4	54·4	54·4
	3	56·5	56·4	56·1	55·9	55·8	55·6	55·4	55·2	54·9	54·7	54·3	54·3
	4	57·3	57·3	57·8	—	—	—	—	—	—	—	—	—
	5	—	—	—	57·2	57·1	56·8	56·7	56·3	56·2	56·2	56·0	56·0
	6	58·4	58·1	58·1	58·2	58·0	58·0	57·8	57·8	57·8	58·0	58·0	58·3
	7	60·1	60·0	59·8	59·6	59·2	59·0	58·8	58·3	58·0	57·6	57·2	57·2
	8	58·9	58·8	58·8	58·5	58·2	58·0	57·8	57·7	—	57·4	57·4	57·0
	9	57·9	57·9	57·8	a—	—	—	—	—	—	—	—	—
	10	—	—	—	59·0	59·0	58·8	58·8	58·8	58·8	58·8	58·7	58·5
	11	55·3	55·0	54·7	—	—	—	—	—	—	—	—	—
	12	—	—	—	54·2	54·4	54·8	55·0	55·2	55·4	55·6	55·7	55·8
	13	60·2	60·0	60·0	60·0	60·0	59·9	59·8	59·7	59·5	59·3	59·2	58·8
	14	61·2	61·1	61·0	60·8	60·6	60·6	60·6	60·6	60·6	60·8	60·8	61·0
	15	60·4	59·7	59·6	59·0	58·2	57·7	57·0	56·4	—	55·5	55·1	54·9
	16	55·0	55·0	54·8	54·8	54·5	54·6	54·7	54·4	54·1	54·1	54·0	54·0
	17	58·2	58·3	58·2	58·2	58·3	58·3	58·3	58·3	—	58·2	58·2	58·0
	18	61·0	60·8	60·6	—	—	—	—	—	—	—	—	—
	19	—	—	—	53·4	53·2	53·0	52·8	52·9	53·0	52·7	52·3	52·2
	20	52·2	51·8	51·5	51·3	51·1	50·9	50·8	50·6	50·5	50·2	50·3	50·5
	21	53·2	53·1	53·0	53·0	52·8	52·6	52·4	52·2	51·9	51·6	51·3	51·2
	22	54·2	54·0	53·8	53·6	53·3	53·0	52·8	53·0	52·8	52·6	52·4	52·6
	23	56·8	56·8	56·8	56·7	56·3	55·8	55·6	55·2	55·0	55·0	54·8	54·7
	24	55·4	55·3	55·3	55·2	55·2	55·0	54·8	54·6	54·2	53·9	53·7	53·3
	25	54·2	54·2	54·5	—	—	—	—	—	—	—	—	—
	26	—	—	—	55·8	55·8	55·5	55·4	55·5	55·2	55·0	54·8	54·6
	27	56·2	56·2	56·2	56·2	56·0	56·0	56·0	56·0	55·8	55·6	56·0	56·2
	28	55·2	55·0	55·0	54·8	54·8	54·7	54·5	54·3	—	53·9	53·6	53·4
	29	52·8	52·6	52·4	52·0	52·0	52·0	51·8	51·8	—	51·6	51·6	51·6
	30	52·8	52·7	52·6	52·5	52·4	52·4	52·2	52·2	52·0	52·0	52·1	52·0
Hourly Means	56·45	56·31	56·25	55·91	55·80	55·62	55·50	55·39	55·17	55·11	55·00	54·94	

* Good Friday.

VERTICAL FORCE.												
One Scale Division = '000063 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah'. = '00021.												
12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div. 93.5	Sc. Div. 91.4	Sc. Div. 92.2	Sc. Div. 92.4	Sc. Div. 93.6	Sc. Div. —	Sc. Div. 97.1	Sc. Div. 94.3	Sc. Div. 90.4	Sc. Div. 91.8	Sc. Div. 92.1	Sc. Div. 90.6	Sc. Div. 93.43
92.2	93.7	93.7	91.5	89.0	87.8	85.7	84.0	86.7	91.4	90.3	91.6	90.20
93.6	94.0	92.8	90.7	88.5	88.4	84.7	84.7	84.2	84.2	84.2	84.6	89.19
—	—	—	—	—	—	—	—	—	—	—	—	—
89.8	89.9	89.6	91.0	91.5	89.6	90.1	92.0	86.0	85.4	84.0	86.4	88.37
82.5	82.1	86.9	86.1	89.2	85.2	87.2	82.6	82.6	86.0	87.6	87.6	84.02
93.6	90.8	94.8	91.8	92.8	90.0	90.8	85.4	84.4	84.8	84.8	86.8	87.68
90.2	92.0	93.5	93.5	90.2	89.2	89.9	89.4	86.7	85.5	86.8	86.5	88.41
—	—	—	—	—	—	—	—	—	—	—	—	—
83.7	89.7	98.1	95.0	92.6	92.5	92.5	93.5	92.8	90.0	90.6	91.6	87.44
—	—	—	—	—	—	—	—	—	—	—	—	—
90.1	92.7	91.7	90.3	87.0	87.5	85.9	84.8	83.2	83.2	81.9	81.9	89.02
85.4	85.8	85.8	89.7	87.9	83.3	79.8	79.8	79.8	77.8	76.8	79.0	81.72
78.3	77.9	77.9	80.0	79.7	77.3	79.5	80.4	80.5	77.7	78.0	80.7	80.46
93.6	97.7	96.1	94.9	96.5	96.5	98.9	106.5	96.8	90.4	97.7	96.8	91.24
95.2	100.5	102.5	101.3	98.9	88.4	88.9	87.6	88.5	89.4	86.6	84.2	91.86
86.8	88.4	88.4	86.9	88.6	87.4	84.4	80.5	88.5	77.7	82.0	81.2	85.45
—	—	—	—	—	—	—	—	—	—	—	—	—
99.4	102.3	101.1	100.8	100.3	100.3	101.8	99.2	97.4	96.4	96.0	96.2	95.80
98.0	97.2	97.3	96.1	96.2	97.5	97.3	95.8	94.1	93.1	93.1	93.6	97.02
97.2	95.9	93.9	93.6	96.3	98.7	98.3	98.3	95.1	95.6	90.2	91.3	96.11
94.7	97.3	92.1	94.5	94.5	94.1	100.0	90.3	88.7	88.0	86.7	86.0	93.52
91.0	91.5	95.3	94.0	94.8	93.6	91.8	92.0	90.2	91.1	89.5	89.5	90.86
98.0	98.1	96.4	98.2	101.4	102.1	101.2	100.2	97.7	96.7	98.3	97.3	95.95
—	—	—	—	—	—	—	—	—	—	—	—	—
94.7	94.3	94.1	95.4	95.0	94.6	91.9	90.9	89.5	90.0	94.5	94.8	92.83
91.4	92.3	93.1	94.9	95.7	95.0	92.4	92.1	90.2	90.0	90.3	90.9	91.24
97.6	98.7	99.0	100.7	98.7	98.6	97.3	96.6	94.0	94.0	94.0	96.0	95.69
98.3	100.1	99.5	100.5	—	98.1	97.5	96.6	94.5	94.6	94.8	95.1	97.41
98.1	99.5	99.3	99.8	98.2	96.2	94.9	94.1	93.3	92.6	91.7	93.1	97.15
92.28	93.35	93.80	93.74	93.21	92.16	91.99	90.86	89.43	88.69	88.90	89.33	90.87

TEMPERATURE OF THE VERTICAL FORCE MAGNET.												
53.4	53.2	53.4	53.6	53.7	—	54.2	54.5	54.5	54.8	54.8	54.8	53.50
54.4	54.3	54.7	54.8	55.2	55.6	55.8	56.0	56.6	56.8	56.7	56.7	55.16
54.7	55.0	55.2	55.3	55.5	55.8	56.1	56.4	56.9	57.2	57.2	57.4	55.74
—	—	—	—	—	—	—	—	—	—	—	—	—
56.0	56.0	56.0	56.7	57.0	57.1	57.3	57.6	57.7	57.8	57.7	57.7	56.90
58.8	59.2	60.0	60.0	60.2	60.6	60.8	61.0	61.0	60.8	60.6	60.6	59.17
57.2	57.2	57.4	57.6	58.0	58.3	58.7	58.8	59.1	59.1	59.1	59.0	58.51
57.0	56.8	56.8	56.9	57.2	57.3	57.5	57.9	58.0	58.0	58.0	58.0	57.73
—	—	—	—	—	—	—	—	—	—	—	—	—
58.6	58.4	58.0	57.8	57.6	57.4	57.2	57.0	56.7	56.4	56.0	55.7	57.90
—	—	—	—	—	—	—	—	—	—	—	—	—
55.8	56.2	56.6	57.0	57.6	58.0	58.4	59.0	59.4	59.6	60.0	60.0	56.61
58.8	58.8	58.8	59.4	59.7	60.0	60.0	60.8	61.0	61.2	61.3	61.3	59.90
61.4	61.7	62.2	62.5	62.7	62.6	62.6	62.7	62.3	62.0	61.6	60.9	61.45
54.7	54.7	54.6	54.6	54.6	54.8	54.8	54.8	55.0	55.0	55.0	55.0	56.13
54.0	54.2	54.2	54.6	55.0	55.6	56.4	56.8	57.5	57.8	58.1	58.2	55.27
58.0	58.2	58.6	59.1	59.7	60.2	60.7	61.0	61.2	61.6	61.6	61.2	59.20
—	—	—	—	—	—	—	—	—	—	—	—	—
52.2	52.2	52.0	52.0	52.1	52.2	52.1	52.1	52.0	52.0	51.9	51.7	53.43
50.8	50.8	51.0	51.3	51.6	52.0	52.3	52.8	53.0	53.2	53.3	53.2	51.54
51.3	51.7	52.0	52.6	53.0	53.4	53.6	53.8	53.8	54.0	54.3	54.2	52.75
52.7	53.3	53.5	54.3	54.9	55.3	55.7	56.0	56.3	56.4	56.6	56.9	54.17
54.2	54.2	54.0	54.0	54.2	54.4	54.8	55.2	55.6	55.6	55.6	55.6	55.29
53.0	52.7	52.6	52.6	52.6	52.8	52.9	53.1	53.4	53.8	53.9	54.1	53.89
—	—	—	—	—	—	—	—	—	—	—	—	—
54.4	54.3	54.4	54.7	54.8	55.3	55.7	55.9	56.1	56.1	56.2	56.2	55.19
56.0	55.8	55.8	55.8	55.8	55.8	55.6	55.6	55.0	55.4	55.4	55.2	55.82
53.3	53.2	53.0	53.0	52.8	53.0	53.0	52.8	53.0	53.0	53.2	53.0	53.72
51.5	51.6	51.8	52.0	—	52.3	52.6	52.8	52.9	52.9	52.9	52.9	52.20
52.0	52.1	52.3	52.7	52.7	53.2	53.5	54.2	54.4	54.6	54.6	54.6	52.87
54.97	55.03	55.16	55.40	55.76	55.96	56.10	56.34	56.50	56.60	56.62	56.56	55.77

VERTICAL FORCE.													
One Scale Division = '000065 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '00021.													
Mean Göttingen Time. } 0 ^h .	1 ^h .	2 ^h .	3 ^h .	4 ^h .	5 ^h .	6 ^h .	7 ^h .	8 ^h .	9 ^h .	10 ^h .	11 ^h .		
MAY.	1	93'1	93'1	93'7	92'8	93'0	94'0	95'0	95'0	94'4	94'4	94'5	94'5
	2	91'0	91'0	90'1	—	—	—	—	—	—	—	—	—
	3	—	—	—	94'2	94'2	94'0	93'9	95'2	95'6	94'6	95'3	96'3
	4	97'6	97'0	96'0	97'4	—	—	—	—	—	93'9	100'0	96'0
	5	103'1	99'2	100'9	104'7	105'0	103'9	101'2	105'5	104'8	104'3	102'4	104'5
	6	103'4	104'0	104'6	105'5	104'0	102'8	103'0	103'4	108'5	107'0	100'1	100'7
	7	98'8	95'9	99'3	98'8	100'2	98'4	95'0	95'0	97'7	97'4	97'3	96'2
	8	96'4	97'0	95'4	96'4	97'5	94'1	95'6	99'2	99'0	98'7	98'7	99'7
	9	93'2	95'2	90'6	—	—	—	—	—	—	—	—	—
	10	—	—	—	91'0	90'5	90'5	91'4	91'4	—	88'9	87'7	87'6
	11	85'4	93'5	93'4	90'8	91'0	91'8	91'8	91'3	90'5	89'9	92'2	92'2
	12	107'9	104'4	98'6	88'8	—	88'7	89'5	96'0	96'0	89'8	90'8	105'1
	13	96'3	95'5	90'3	94'5	93'6	90'0	92'0	94'0	95'3	98'9	93'1	91'9
	14	99'6	97'2	99'9	102'0	105'0	106'7	103'3	103'8	—	106'2	101'9	101'2
	15	101'5	102'0	102'0	103'5	101'3	100'4	101'7	102'5	102'5	102'8	101'9	101'7
	16	97'8	97'8	98'0	—	—	—	—	—	—	—	—	—
	17	—	—	—	100'6	102'2	102'7	99'5	101'2	103'0	103'7	101'5	100'8
	18	98'3	99'6	96'5	103'0	103'4	102'8	105'3	103'8	104'0	104'3	104'4	100'9
	19	105'0	104'4	103'8	106'8	106'8	107'6	107'0	104'9	107'3	106'9	106'1	105'5
	20	104'4	105'6	106'7	109'2	109'0	108'5	108'5	107'4	—	105'8	105'8	104'7
	21	102'3	104'1	103'7	97'7	104'0	105'2	102'6	100'8	102'0	97'1	102'2	100'8
	22	104'1	106'5	104'2	103'5	103'5	105'3	105'3	104'0	106'8	104'7	103'4	102'1
	23	100'7	103'0	103'3	—	—	—	—	—	—	—	—	—
	24	—	—	—	109'0	108'6	108'0	108'8	106'0	106'0	105'7	105'7	106'9
	25	103'7	107'6	106'2	103'8	98'9	103'2	106'8	107'7	—	107'0	106'4	103'7
	26	102'0	103'3	101'0	102'6	104'6	104'9	106'0	105'9	104'8	104'0	104'2	103'0
	27	101'9	104'4	103'8	106'0	106'4	105'5	104'3	103'6	103'6	104'1	102'7	102'4
	28	100'7	100'7	100'4	100'7	100'7	100'6	100'6	100'4	100'1	101'2	100'4	99'4
	29	100'6	103'9	103'9	105'8	104'3	103'6	104'6	103'8	104'6	105'1	103'7	103'7
	30	105'2	103'0	103'0	—	—	—	—	—	—	—	—	—
	31	—	—	—	106'1	103'7	95'4	102'0	105'2	104'2	104'2	104'8	106'3
Hourly Means	99'77	100'34	99'59	100'58	101'31	100'34	100'59	101'08	101'46	100'79	100'28	100'30	
TEMPERATURE OF THE VERTICAL FORCE MAGNET.													
MAY.	1	54'6	54'6	54'6	54'4	54'3	54'1	54'1	54'0	53'9	53'8	53'5	53'5
	2	55'7	55'3	55'5	—	—	—	—	—	—	—	—	—
	3	—	—	—	55'0	54'8	54'6	54'4	54'2	53'9	53'5	53'2	53'2
	4	53'3	53'0	52'6	52'4	—	—	—	—	—	50'5	50'7	50'7
	5	49'7	49'5	49'3	49'3	49'2	49'1	49'0	48'8	48'6	48'6	48'4	48'0
	6	48'5	48'7	48'8	48'8	48'8	48'8	48'8	48'8	48'9	49'1	49'2	49'4
	7	51'8	51'6	51'6	51'5	51'4	51'3	51'2	51'3	51'1	51'2	51'1	51'2
	8	53'5	53'5	53'2	53'1	52'8	52'6	52'3	52'2	51'8	51'6	51'4	51'4
	9	54'1	54'3	54'6	—	—	—	—	—	—	—	—	—
	10	—	—	—	57'3	57'2	57'0	57'0	56'9	—	56'7	56'5	56'4
	11	57'0	56'8	56'8	56'6	56'2	56'1	56'0	55'8	55'5	55'2	55'0	55'0
	12	56'4	56'0	55'7	55'3	—	54'5	54'0	53'6	53'4	53'2	53'0	52'9
	13	54'6	55'0	55'2	55'2	55'2	55'2	55'0	54'8	54'7	54'3	54'1	54'0
	14	51'8	51'3	51'2	51'0	50'6	50'2	49'8	49'7	—	49'1	48'9	49'0
	15	50'8	50'8	50'7	50'6	50'6	50'6	50'6	50'7	50'6	50'6	50'5	50'5
	16	52'8	52'7	52'7	—	—	—	—	—	—	—	—	—
	17	—	—	—	51'7	51'3	51'2	50'9	50'7	50'4	50'0	49'8	49'6
	18	50'6	50'2	49'9	49'6	49'4	49'0	48'8	48'7	48'5	48'2	48'0	48'0
	19	48'8	48'6	48'6	48'4	48'1	47'9	47'8	47'5	47'2	47'0	46'7	46'6
	20	48'2	48'2	48'1	48'1	48'0	48'0	47'8	47'8	—	47'8	47'9	47'8
	21	51'2	51'0	50'9	50'8	50'6	50'5	50'4	50'4	50'3	50'3	50'3	50'2
	22	50'3	50'2	50'2	50'0	49'9	49'8	49'7	49'6	49'5	49'3	49'2	49'1
	23	51'3	51'1	50'8	—	—	—	—	—	—	—	—	—
	24	—	—	—	49'8	49'6	49'6	49'5	49'4	49'2	49'1	48'9	48'8
	25	50'2	50'2	50'2	50'2	50'1	50'0	49'8	49'8	—	49'5	49'4	49'6
	26	50'8	50'7	50'5	50'2	49'9	49'7	49'5	49'3	49'0	48'8	48'8	48'8
	27	50'6	50'6	50'5	50'4	50'3	50'2	50'2	50'2	50'3	50'4	50'4	50'4
	28	53'6	53'6	53'4	53'4	53'2	53'0	52'8	52'6	52'4	52'3	52'2	52'0
	29	51'5	51'1	50'9	50'6	50'1	50'0	49'8	49'8	49'6	49'4	49'2	49'3
	30	51'2	51'1	51'0	—	—	—	—	—	—	—	—	—
	31	—	—	—	50'7	50'6	50'5	50'5	50'5	50'3	50'2	50'2	50'2
Hourly Means	52'03	51'91	51'83	51'71	51'34	51'34	51'19	51'08	50'91	50'76	50'63	50'60	

VERTICAL FORCE.

One Scale Division = '000065 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah' = '00021.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div. 94'6	Sc. Div. 94'6	Sc. Div. 96'0	Sc. Div. 96'6	Sc. Div. 95'1	Sc. Div. 95'1	Sc. Div. 94'4	Sc. Div. 92'3	Sc. Div. 91'2	Sc. Div. 90'2	Sc. Div. 90'0	Sc. Div. 90'8	Sc. Div. 93'68
—	—	—	—	—	—	—	—	—	—	—	—	97'13
96'5	97'2	98'8	99'4	101'7	101'2	109'5	104'8	104'8	98'4	96'3	97'2	98'65
96'6	97'4	102'8	104'4	107'5	98'7	93'0	97'7	97'7	102'3	102'3	100'7	104'99
104'5	104'0	104'9	107'9	110'5	108'3	110'6	104'4	106'7	108'0	105'5	105'1	102'64
101'2	101'5	100'5	103'1	102'6	102'7	101'4	101'4	101'0	100'8	101'3	98'8	97'31
96'2	101'6	99'5	98'1	98'1	101'3	97'6	97'7	95'5	93'2	92'5	94'2	96'81
98'0	97'6	97'0	97'0	99'0	99'5	99'0	95'5	94'1	93'2	93'1	92'8	90'50
—	—	—	—	—	—	—	—	—	—	—	—	94'96
87'6	89'3	90'5	92'6	92'7	92'7	92'3	89'8	88'4	88'8	88'8	90'0	96'67
93'0	94'8	92'4	95'2	93'1	93'2	91'9	95'9	98'3	108'1	119'1	110'3	96'35
103'9	94'9	95'3	99'5	99'9	99'0	99'0	97'5	93'3	95'0	95'0	95'4	102'80
94'7	101'0	104'1	100'7	101'2	99'7	100'2	97'1	96'0	95'9	97'1	99'3	100'64
104'3	102'5	102'5	108'5	106'4	105'9	105'9	102'3	98'1	99'0	101'0	101'3	101'07
101'2	101'5	102'3	102'3	102'5	101'6	99'2	96'5	95'4	95'3	96'3	97'4	104'09
—	—	—	—	—	—	—	—	—	—	—	—	108'07
100'5	100'9	102'6	103'5	104'9	104'2	102'1	100'2	99'3	99'5	99'1	100'0	104'58
99'5	102'0	103'0	106'0	110'3	111'2	112'6	107'7	104'4	104'4	105'2	105'5	102'50
105'5	106'1	107'7	110'7	111'9	112'5	114'6	116'5	108'3	113'7	105'8	108'2	103'05
104'7	103'4	103'4	103'4	104'2	105'6	103'0	100'7	100'0	100'1	98'9	102'4	106'03
100'3	101'2	102'0	103'3	104'0	104'0	104'2	104'5	105'1	104'2	103'7	101'0	104'44
102'1	101'1	101'7	100'9	102'0	102'0	101'8	102'2	97'9	100'0	105'3	102'7	104'65
—	—	—	—	—	—	—	—	—	—	—	—	102'45
107'0	108'5	105'8	108'0	107'4	109'1	110'7	106'1	103'5	102'5	102'5	102'0	100'56
105'9	104'6	104'6	105'4	106'1	106'7	103'6	101'5	100'7	102'8	103'0	102'3	104'39
103'5	105'9	107'6	108'3	107'9	108'1	106'6	105'6	104'3	103'2	103'2	101'0	102'83
100'6	101'2	101'5	101'5	102'7	102'8	101'1	99'1	98'1	100'4	102'7	98'4	100'87
99'4	99'3	101'2	101'9	102'0	102'4	101'8	101'0	99'2	99'2	99'8	100'3	—
103'9	103'1	104'4	104'9	108'4	108'8	104'9	104'5	102'0	104'2	105'5	103'1	—
—	—	—	—	—	—	—	—	—	—	—	—	—
107'8	103'6	101'1	100'0	101'0	104'4	106'3	103'3	97'2	100'0	100'0	100'0	—
100'50	100'72	101'28	102'43	103'20	103'10	102'59	100'99	99'25	99'92	100'50	100'01	100'87

TEMPERATURE OF THE VERTICAL FORCE MAGNET.

53'6	53'8	53'8	54'0	54'2	54'6	54'8	55'0	55'2	55'3	55'3	55'3	54'35
—	—	—	—	—	—	—	—	—	—	—	—	53'78
53'0	52'8	52'8	53'0	53'0	53'2	53'4	53'4	53'4	53'2	53'3	53'0	50'94
51'6	50'6	50'6	50'6	50'4	50'5	50'3	50'2	50'1	50'0	49'8	49'7	48'60
48'0	47'9	47'9	47'9	48'1	48'2	48'3	48'5	48'5	48'5	48'5	48'5	49'85
49'6	49'8	50'0	50'2	50'6	50'8	51'0	51'2	51'4	51'6	51'8	51'8	52'08
51'4	51'6	51'8	52'2	52'2	52'7	53'0	53'2	54'0	54'0	53'9	53'8	52'64
51'2	52'6	52'6	52'0	52'2	52'5	52'7	53'3	53'4	53'6	53'8	54'0	—
—	—	—	—	—	—	—	—	—	—	—	—	56'46
56'3	56'3	56'2	56'5	56'7	56'8	56'8	56'9	57'0	57'0	57'0	57'0	56'21
55'2	55'4	55'8	56'1	56'4	56'8	56'9	57'0	57'0	57'0	56'8	56'6	53'79
52'6	52'5	52'7	52'6	52'8	53'0	53'2	53'3	53'7	54'0	54'2	54'6	53'91
53'8	53'6	53'4	53'2	53'1	53'0	53'0	53'0	53'0	52'8	52'4	52'2	50'15
49'1	49'3	49'6	49'6	49'8	50'0	50'0	50'4	50'7	50'8	50'8	50'8	51'44
50'6	50'8	51'2	51'6	52'0	52'2	53'0	53'1	53'2	53'2	53'1	52'9	—
—	—	—	—	—	—	—	—	—	—	—	—	50'64
49'5	49'8	49'8	50'0	50'2	50'2	50'3	50'5	50'4	50'4	50'3	50'1	48'82
48'0	48'0	48'1	48'3	48'6	48'5	48'6	48'8	49'0	49'0	49'0	48'8	47'50
46'4	46'4	46'4	46'6	46'8	47'0	47'2	47'6	47'9	48'0	48'2	48'2	49'08
48'0	48'5	48'8	49'2	49'6	50'2	50'7	51'1	51'2	51'3	51'3	51'3	50'41
50'0	50'1	50'1	50'2	50'2	50'2	50'3	50'3	50'6	50'4	50'3	50'2	50'39
49'4	49'6	49'8	50'2	50'7	51'0	51'2	51'3	52'7	52'3	52'2	52'1	—
—	—	—	—	—	—	—	—	—	—	—	—	49'64
48'7	48'7	49'0	49'1	49'5	49'6	49'7	49'8	50'0	50'0	50'2	50'0	50'16
49'6	49'6	49'6	49'6	49'8	50'3	50'7	50'9	51'1	51'2	51'2	51'1	49'54
48'6	48'5	48'7	48'8	49'0	49'3	49'6	49'8	50'0	50'2	50'2	50'3	51'46
50'7	51'0	51'5	52'0	52'4	52'6	53'0	53'3	53'4	53'4	53'6	53'6	52'40
51'8	51'6	52'6	51'6	51'6	51'9	52'0	52'2	52'2	52'1	51'9	51'7	50'27
49'7	49'6	49'4	49'5	49'8	50'2	50'8	51'0	51'4	51'2	51'2	51'5	—
—	—	—	—	—	—	—	—	—	—	—	—	51'56
50'3	50'7	51'0	51'8	52'3	52'7	53'0	53'3	53'6	53'8	53'9	53'9	—
50'63	50'73	50'89	51'02	51'23	51'46	51'67	51'86	52'08	52'09	52'08	52'04	51'22

VERTICAL FORCE.												
One Scale Division = '000062 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '00021.												
Mean Göttingen Time. }	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.
JUNE.	1	96'0	96'6	98'9	100'7	—	100'6	102'7	99'8	100'0	100'0	100'3
	2	96'7	93'8	95'6	94'7	94'0	95'8	95'8	95'8	102'3	92'2	95'4
	3	98'4	98'8	90'9	98'5	99'3	98'6	98'2	98'2	96'0	95'1	96'3
	4	92'2	93'0	92'9	89'5	—	90'7	93'2	91'9	90'0	89'4	90'1
	5	96'7	101'2	a—	a—	101'6	101'9	99'9	101'7	100'0	100'6	101'3
	6	97'7	97'8	98'1	—	—	—	—	—	—	—	—
	7	—	—	—	98'3	97'5	97'9	96'5	99'2	95'7	102'4	97'7
	8	99'0	99'5	100'6	100'9	—	101'6	103'5	104'2	103'8	103'1	102'6
	9	96'3	102'7	101'8	101'3	101'3	99'4	106'2	95'0	97'0	98'2	97'7
	10	94'6	98'5	98'2	98'6	97'9	95'0	98'1	100'5	99'2	98'5	100'5
	11	100'6	99'2	99'2	100'3	99'8	101'4	102'3	100'8	100'8	100'7	100'9
	12	101'0	106'0	106'0	106'2	107'0	107'0	107'1	106'0	—	104'7	106'1
	13	100'7	108'7	109'2	—	—	—	—	—	—	—	—
	14	—	—	—	102'9	102'7	94'2	98'3	101'8	100'3	99'6	98'5
	15	98'4	93'7	98'7	101'1	100'9	98'8	100'0	98'2	—	102'2	100'6
	16	101'7	101'0	106'0	104'2	100'0	103'4	104'0	104'0	—	105'3	101'3
	17	101'3	100'7	99'4	98'3	99'6	102'5	101'2	100'7	100'7	100'7	100'0
	18	99'2	98'9	99'3	99'1	98'5	95'3	98'6	98'5	—	—	—
	19	92'4	93'6	93'0	96'2	96'2	96'9	96'1	95'2	95'8	96'6	97'2
	20	100'3	100'2	101'4	—	—	—	—	—	—	—	—
	21	—	—	—	100'0	202'5	102'3	102'3	101'0	100'2	99'8	100'3
	22	101'0	100'0	101'1	101'0	94'9	99'6	102'2	102'3	102'0	101'9	101'8
	23	99'9	102'9	99'4	103'3	—	103'3	103'1	102'4	—	100'8	99'8
	24	101'4	101'4	96'5	98'8	103'1	100'0	98'4	100'7	103'0	101'1	102'7
	25	94'5	95'7	94'6	96'9	99'0	98'3	97'6	96'9	97'5	96'2	95'6
	26	96'2	98'3	97'8	99'0	99'0	99'3	99'3	101'3	101'3	102'2	100'6
	27	103'0	103'0	103'4	—	—	—	—	—	—	—	—
	28	—	—	—	102'5	98'8	100'2	100'8	101'7	101'0	100'2	99'0
	29	96'2	97'5	97'9	95'5	97'8	97'9	98'1	98'1	98'1	100'0	98'4
	30	104'7	102'6	102'6	102'8	—	102'9	103'4	105'0	101'7	102'5	102'1
Hourly Means	98'47	99'43	99'30	99'62	99'59	99'42	100'27	100'03	99'35	99'76	99'46	
TEMPERATURE OF THE VERTICAL FORCE MAGNET.												
JUNE.	1	54'2	54'1	53'9	53'8	—	53'3	53'1	53'0	53'0	52'7	
	2	54'2	53'9	53'6	53'2	52'8	52'6	52'2	52'0	51'6	51'5	
	3	51'7	51'6	51'4	51'4	51'3	51'2	51'2	51'3	51'2	51'1	
	4	54'2	54'3	54'5	54'6	—	54'6	54'4	54'2	54'0	53'8	
	5	50'6	50'2	—	—	49'2	49'0	48'6	48'3	48'2	48'1	
	6	50'6	50'6	50'5	—	—	—	—	—	—	—	
	7	—	—	—	50'2	50'1	50'0	49'8	49'7	49'6	49'4	
	8	49'2	49'0	49'0	48'8	—	48'4	48'0	47'8	47'5	47'2	
	9	49'2	49'4	49'4	49'5	49'5	49'5	49'5	49'7	49'9	49'9	
	10	51'0	50'8	50'8	51'0	50'7	50'6	50'3	50'2	49'8	49'6	
	11	49'8	49'7	49'5	49'2	48'8	48'6	48'4	48'2	48'0	47'7	
	12	47'4	47'0	46'6	46'4	46'2	45'8	45'6	45'6	—	44'9	
	13	45'6	45'6	45'6	—	—	—	—	—	—	—	
	14	—	—	—	48'4	48'5	48'5	48'6	48'6	48'5	48'3	
	15	50'8	50'6	50'4	50'2	49'8	49'3	49'0	49'0	—	48'3	
	16	47'0	47'2	47'3	47'3	47'2	47'1	47'0	46'8	—	47'2	
	17	49'0	49'0	48'9	48'8	48'6	48'6	48'6	48'6	48'4	48'2	
	18	50'2	50'3	50'3	50'4	50'5	50'6	50'7	50'7	—	—	
	19	53'2	53'0	52'8	52'7	52'3	52'1	52'0	51'7	51'4	51'2	
	20	49'2	49'2	49'1	—	—	—	—	—	—	—	
	21	—	—	—	49'2	49'2	49'2	49'1	49'0	49'0	49'0	
	22	49'2	49'2	49'1	49'0	49'0	49'0	48'8	48'7	48'6	48'4	
	23	48'9	48'9	48'9	48'8	—	48'6	48'6	48'6	—	48'2	
	24	49'6	49'4	49'2	49'2	48'9	48'9	48'7	48'6	48'1	48'1	
	25	51'2	51'2	51'0	50'8	50'8	50'6	50'6	50'5	50'7	50'4	
	26	50'7	50'4	50'2	49'8	49'4	49'0	48'8	48'6	48'3	48'1	
	27	47'2	47'2	47'0	—	—	—	—	—	—	—	
	28	—	—	—	47'9	48'0	48'0	47'9	47'9	47'8	47'8	
	29	50'7	50'5	50'4	50'4	50'4	50'2	50'0	49'8	49'5	49'3	
	30	48'0	47'8	47'6	47'4	—	47'1	47'0	46'9	46'8	46'8	
Hourly Means	50'10	50'00	49'88	49'94	49'58	49'63	49'48	49'38	49'52	49'01		

* Vibrating largely.

VERTICAL FORCE.

One Scale Division = .000062 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah°. = .00021.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
93.6	97.6	101.6	104.6	101.4	98.6	99.6	98.5	99.8	104.8	97.9	88.7	99.23
a	—	91.4	100.0	107.0	102.5	100.0	95.8	97.8	98.6	96.0	95.9	97.06
97.4	95.4	95.9	96.7	98.9	100.0	97.0	94.3	91.7	90.6	91.9	91.9	96.09
90.0	91.7	92.4	93.0	95.3	97.5	97.5	97.3	98.8	96.3	96.3	98.8	93.38
96.2	97.0	97.4	97.4	101.4	105.2	103.1	98.0	96.5	96.3	95.7	97.1	99.43
—	—	—	—	—	—	—	—	—	—	—	—	—
96.1	96.6	93.5	96.5	100.3	102.1	102.7	100.1	97.8	97.7	97.6	98.3	98.14
99.8	103.4	108.1	104.6	108.5	113.1	106.6	110.2	107.9	115.8	107.4	101.7	104.60
98.9	101.4	103.2	102.7	103.1	101.8	99.8	96.6	97.7	97.2	97.2	97.2	99.62
98.2	98.0	99.3	100.6	100.1	100.1	100.0	99.0	97.8	97.3	98.1	100.6	98.62
100.3	103.4	105.7	105.2	105.2	104.3	103.0	102.8	103.2	101.8	102.4	102.4	101.93
105.2	103.4	102.8	103.9	105.1	106.0	106.0	102.8	101.9	101.4	101.9	102.4	104.61
—	—	—	—	—	—	—	—	—	—	—	—	—
99.3	96.9	97.5	101.2	112.3	102.5	94.0	94.8	93.9	97.0	98.2	94.6	99.93
98.0	99.3	101.4	101.7	103.5	105.2	104.1	109.2	104.8	101.7	101.7	101.7	100.95
104.6	111.2	102.0	100.2	103.0	100.4	101.3	101.4	99.3	99.0	99.7	100.4	102.39
100.1	101.3	101.8	102.4	103.0	102.4	100.5	100.3	98.3	100.6	98.9	96.9	100.46
94.5	95.0	97.7	105.2	98.1	96.6	98.6	99.8	93.4	89.4	91.2	92.4	96.81
97.3	98.0	98.9	98.9	99.0	99.7	100.4	98.8	99.6	100.1	99.3	99.5	97.27
—	—	—	—	—	—	—	—	—	—	—	—	—
99.9	101.6	97.5	101.5	102.9	103.3	103.3	103.8	108.5	104.5	104.5	105.1	101.94
101.0	106.7	104.1	101.5	102.6	100.6	100.7	102.1	102.2	101.8	100.8	101.6	101.44
98.6	97.3	98.6	98.8	100.6	101.2	99.9	98.1	98.5	100.2	106.1	101.6	100.60
100.5	98.5	97.5	98.3	99.5	99.8	98.3	97.2	96.7	98.2	100.0	97.3	99.63
94.0	98.0	95.3	97.5	98.2	98.1	96.0	96.3	96.0	95.1	94.6	95.4	96.32
97.6	98.0	99.7	100.7	105.3	104.4	109.3	104.3	101.4	101.2	101.0	102.2	100.75
—	—	—	—	—	—	—	—	—	—	—	—	—
101.3	98.7	99.5	102.5	103.7	101.3	101.8	97.9	97.7	97.7	98.0	97.3	100.49
97.1	96.7	98.4	104.8	103.3	102.2	102.2	101.2	100.2	100.2	101.7	105.1	99.45
102.0	101.0	101.0	101.7	104.8	106.8	104.0	101.6	100.5	100.0	101.2	101.1	102.49
98.46	99.44	99.32	100.85	102.54	102.14	101.14	100.08	99.30	99.40	99.20	98.74	97.76

TEMPERATURE OF THE VERTICAL FORCE MAGNET.

52.6	52.5	52.7	53.1	53.5	54.0	54.3	54.7	54.8	54.7	54.6	54.3	53.56
—	—	52.1	51.9	51.8	51.8	51.8	52.0	52.0	52.0	52.0	51.8	52.22
51.0	51.0	51.0	51.2	51.3	51.9	52.3	52.8	53.2	53.5	53.8	54.0	51.77
53.2	53.0	53.0	52.8	52.7	52.5	52.2	52.2	52.0	51.6	51.3	51.0	53.17
48.0	48.0	48.2	49.0	49.6	49.9	50.1	50.4	50.6	50.6	50.7	50.6	49.26
—	—	—	—	—	—	—	—	—	—	—	—	—
48.8	48.8	50.0	49.8	49.6	49.6	49.6	49.7	49.7	49.7	49.6	49.4	49.72
47.1	47.1	47.4	47.5	47.6	47.8	48.0	48.4	48.4	48.7	48.8	49.0	48.04
50.0	50.2	50.2	50.2	50.2	50.3	50.5	50.6	50.7	50.8	50.8	50.8	50.03
49.0	49.0	49.0	49.2	49.3	49.4	49.7	49.9	50.0	50.0	50.0	49.8	49.92
47.2	47.2	47.2	47.3	47.6	47.6	47.8	47.8	48.0	47.8	47.8	47.6	48.06
44.4	44.4	44.6	44.6	44.8	45.0	45.2	45.5	45.6	45.6	45.6	45.6	45.45
—	—	—	—	—	—	—	—	—	—	—	—	—
48.5	48.6	48.8	49.3	49.8	50.0	50.2	50.4	50.6	50.6	50.6	50.6	48.79
47.6	47.2	47.0	47.0	47.0	46.8	46.8	46.8	46.8	47.0	47.0	47.0	48.13
46.8	46.7	46.8	47.3	47.8	48.1	48.5	48.8	49.0	49.1	49.1	49.1	47.62
48.3	48.3	48.4	48.4	48.8	48.8	49.0	49.6	49.6	49.8	49.9	50.0	48.83
51.2	51.3	51.8	52.0	52.3	52.6	52.9	53.1	53.2	53.3	53.3	53.3	51.67
50.5	50.3	50.3	50.1	50.0	50.0	49.8	49.8	49.7	49.6	49.4	49.3	50.95
—	—	—	—	—	—	—	—	—	—	—	—	—
48.6	48.4	48.4	48.4	48.4	48.5	48.6	48.8	48.9	48.9	48.9	48.9	48.85
48.0	48.0	47.9	48.0	48.2	48.4	48.6	48.6	48.8	49.0	49.0	49.0	48.63
47.9	48.1	48.3	48.9	49.1	49.4	49.6	49.8	50.0	49.8	49.8	49.6	48.90
48.0	48.2	48.4	48.8	49.2	49.8	50.7	50.6	50.9	51.0	50.8	51.0	49.25
50.7	50.6	50.4	50.4	50.5	50.7	50.8	50.8	50.8	50.8	50.7	50.8	50.71
47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.4	47.2	48.12
—	—	—	—	—	—	—	—	—	—	—	—	—
47.8	47.9	48.2	48.4	48.8	49.2	49.5	49.7	49.9	49.9	50.0	50.1	48.40
48.4	48.4	48.5	48.6	48.7	48.8	48.8	48.8	48.8	48.6	48.6	48.4	49.26
47.0	47.0	47.0	47.0	47.0	47.1	47.4	47.4	47.8	48.0	47.8	47.8	47.27
48.71	48.69	48.95	49.09	49.26	49.43	49.61	49.78	49.88	49.91	49.90	49.85	49.48

VERTICAL FORCE.													
One Scale Division = '000061 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '00021.													
Mean Götting- gen Time. }	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10.	11h.	
JULY.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
	1	102·6	103·5	103·0	103·0	103·4	104·6	101·1	102·5	—	101·5	101·5	101·0
	2	107·7	111·2	103·6	108·6	106·4	104·8	104·0	104·2	104·2	104·7	105·2	105·2
	3	97·2	108·2	106·1	100·0	105·0	105·4	106·2	106·5	106·2	106·0	105·8	105·8
	4	112·8	99·7	111·0	—	—	—	—	—	—	—	—	—
	5	—	—	—	107·8	107·8	107·8	107·8	108·0	105·2	103·0	107·6	109·5
	6	101·2	109·8	109·3	106·8	—	109·8	102·2	107·5	106·2	106·0	105·9	107·4
	7	104·0	105·5	98·1	98·0	107·1	106·2	106·4	107·4	106·0	104·8	106·5	106·5
	8	105·6	106·6	106·2	106·6	107·0	107·2	107·3	107·3	107·0	103·3	103·3	104·0
	9	101·7	102·4	102·4	102·4	102·4	102·4	102·4	101·5	101·1	101·2	100·7	98·9
	10	101·5	102·6	98·3	100·7	101·8	101·8	102·1	103·0	—	102·2	102·2	103·2
	11	107·4	107·9	105·5	—	—	—	—	—	—	—	—	—
	12	—	—	—	—	104·4	107·7	110·0	109·1	107·2	109·3	108·1	106·9
	13	106·9	106·9	106·7	112·3	—	104·2	105·9	105·0	105·1	105·3	105·5	107·3
	14	106·0	107·5	108·1	111·7	—	111·7	111·9	111·5	111·6	111·6	112·8	110·5
	15	110·5	110·1	109·0	108·1	105·7	107·7	110·9	109·9	109·3	110·1	108·9	108·0
	16	103·7	103·9	107·8	106·7	103·2	107·3	108·5	107·8	107·0	106·1	106·3	106·3
	17	106·5	105·9	106·1	107·6	108·2	107·6	106·2	105·6	108·0	107·8	106·7	106·6
	18	107·9	110·9	101·7	—	—	—	—	—	—	—	—	—
	19	—	—	—	104·2	100·7	101·3	104·4	104·8	—	104·0	102·7	102·0
	20	105·5	105·5	105·5	104·5	104·1	103·7	103·7	103·3	103·3	103·2	103·5	99·2
	21	100·5	96·8	100·4	101·0	101·0	100·8	101·3	101·3	101·7	101·2	100·9	100·0
	22	99·2	99·4	100·2	98·8	98·8	101·2	98·5	95·3	98·0	99·3	97·6	98·6
	23	104·4	100·2	98·5	93·3	99·3	99·3	101·3	100·8	100·0	100·0	100·0	97·0
	24	95·9	96·2	97·6	97·8	97·0	96·7	97·1	90·1	93·2	95·0	98·2	98·6
	25	97·0	96·5	97·7	—	—	—	—	—	—	—	—	—
	26	—	—	—	98·2	98·0	98·2	98·2	98·3	98·3	99·6	100·4	97·8
	27	95·5	96·7	96·0	91·7	94·8	98·1	98·1	100·0	—	99·4	99·0	95·3
	28	98·2	99·0	100·0	100·0	99·7	100·4	100·4	100·3	99·8	99·2	98·8	101·2
	29	102·1	102·3	102·1	101·3	102·2	99·0	94·5	90·6	—	97·4	97·4	98·4
	30	101·0	98·5	99·2	100·4	101·2	99·6	98·2	97·3	98·3	97·8	98·7	—
31	101·6	101·6	99·0	100·9	102·1	97·8	92·6	98·5	99·8	101·5	100·2	106·3	
Hourly Means	103·12	103·53	102·93	102·78	102·55	103·42	103·01	102·87	103·48	102·98	103·12	103·13	

TEMPERATURE OF THE VERTICAL FORCE MAGNET.													
JULY.	1	47·3	47·4	47·3	47·2	47·1	47·1	47·0	46·8	—	46·6	46·6	46·4
	2	47·7	47·7	47·2	47·1	47·0	46·8	46·6	46·4	46·1	45·9	45·8	45·6
	3	47·1	47·1	47·2	46·8	46·6	46·3	46·2	46·2	45·9	45·6	45·4	45·0
	4	46·6	46·4	46·4	—	—	—	—	—	—	—	—	—
	5	—	—	—	45·2	45·2	45·2	45·2	45·2	45·2	45·2	45·2	45·0
	6	46·2	46·1	46·0	45·8	—	45·5	45·5	45·5	45·4	45·4	45·2	45·2
	7	46·5	46·4	46·3	46·3	46·1	46·0	45·9	45·8	45·6	45·4	45·2	45·0
	8	46·2	46·1	46·0	46·0	46·0	45·8	45·6	45·6	45·4	45·4	45·3	45·3
	9	48·4	48·4	48·4	48·4	48·3	48·2	48·1	48·1	48·1	48·0	48·0	48·0
	10	48·9	48·8	48·6	48·4	48·1	48·0	47·7	47·4	—	47·0	47·0	46·8
	11	48·2	48·2	48·2	—	—	—	—	—	—	—	—	—
	12	—	—	—	—	46·3	46·2	46·0	45·9	45·6	45·5	45·3	45·2
	13	47·2	47·0	47·0	46·8	—	45·3	45·1	44·8	44·4	44·4	44·0	43·6
	14	44·3	44·1	44·0	43·7	—	43·0	42·8	42·6	42·5	42·2	41·9	41·8
	15	43·7	43·6	43·6	43·4	43·3	43·3	43·2	42·9	42·8	42·7	42·3	42·3
	16	44·2	44·6	44·5	44·3	44·2	44·0	43·9	43·7	43·4	43·2	43·0	42·8
	17	44·7	44·7	44·6	44·2	44·2	43·8	43·6	43·4	43·1	43·1	42·8	42·7
	18	43·6	43·6	43·8	—	—	—	—	—	—	—	—	—
	19	—	—	—	46·0	46·0	45·9	45·6	45·4	—	44·8	44·6	44·2
	20	44·7	44·7	44·7	44·8	44·8	44·8	44·8	44·8	45·0	45·0	45·2	45·3
	21	47·6	47·6	47·6	47·6	47·4	47·3	47·2	47·0	46·8	46·5	46·1	46·0
	22	48·0	48·0	48·0	47·9	47·8	47·7	47·6	47·4	47·2	47·0	46·8	46·6
	23	49·0	49·2	49·3	49·3	49·4	49·0	48·8	48·7	48·7	48·5	48·5	48·3
	24	50·2	50·1	50·0	49·8	49·6	49·3	49·1	48·8	48·4	48·0	47·8	47·6
	25	50·3	50·3	50·3	—	—	—	—	—	—	—	—	—
	26	—	—	—	50·2	50·0	50·0	49·8	49·6	49·3	49·2	49·0	48·8
	27	51·0	50·8	50·8	50·8	50·7	50·7	50·6	50·4	—	49·8	49·6	49·4
	28	49·8	49·6	49·4	49·3	49·0	48·8	48·6	48·4	48·0	47·6	47·6	47·2
	29	47·3	47·4	47·6	47·7	47·8	47·8	48·0	48·2	—	48·1	48·1	48·0
	30	48·2	48·2	48·0	47·8	47·9	47·9	47·8	47·8	47·8	47·6	47·6	—
	31	47·2	47·2	47·1	47·0	46·8	46·7	46·5	46·5	46·2	46·0	45·8	45·6
Hourly Means	47·19	47·14	47·11	46·99	47·07	46·68	46·55	46·42	45·95	46·06	45·92	45·68	

VERTICAL FORCE.

One Scale Division = '000061 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '00021.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div. 101'0	Sc. Div. 105'5	Sc. Div. 103'0	Sc. Div. 103'2	Sc. Div. 104'8	Sc. Div. 102'9	Sc. Div. 103'3	Sc. Div. 104'3	Sc. Div. 108'9	Sc. Div. 105'3	Sc. Div. 112'6	Sc. Div. 111'0	Sc. Div. 104'07
105'8	107'1	103'8	104'8	106'4	107'4	105'1	107'3	111'3	108'7	108'7	109'4	106'48
104'1	106'2	109'5	109'5	111'2	113'4	113'6	115'6	108'0	109'0	111'4	111'1	107'54
—	—	—	—	—	—	—	—	—	—	—	—	—
105'3	102'7	103'2	104'3	109'7	113'0	103'0	103'0	106'3	105'2	105'9	105'0	106'44
106'5	107'5	111'9	105'1	107'7	110'0	109'9	115'4	104'4	104'3	103'3	104'3	107'06
107'2	112'5	110'5	106'5	105'6	107'8	112'2	105'9	103'9	104'7	105'0	105'3	105'98
104'3	102'9	103'1	104'4	105'0	105'0	107'1	103'7	102'8	98'8	104'5	101'1	104'59
98'9	102'0	102'0	103'0	103'8	103'8	103'8	100'7	103'0	99'7	100'4	102'0	101'78
101'5	102'3	102'3	102'0	100'8	101'3	100'8	95'8	98'0	100'8	105'6	104'8	101'54
—	—	—	—	—	—	—	—	—	—	—	—	—
106'3	107'6	110'7	110'1	110'3	104'1	103'2	103'2	102'4	110'8	105'1	101'4	106'90
107'3	106'6	110'1	108'0	108'0	109'1	107'9	111'2	107'2	104'5	103'0	110'8	107'17
106'2	107'5	110'7	111'3	112'1	111'2	113'8	112'8	108'7	105'7	107'0	106'8	109'94
109'2	110'5	110'8	109'4	111'4	112'0	110'2	105'4	104'5	104'0	104'6	105'4	108'57
108'2	111'9	109'6	106'9	106'3	107'2	107'2	105'7	110'3	105'4	103'8	108'3	106'89
105'2	105'5	105'5	107'4	109'0	110'3	108'3	106'6	105'2	108'6	106'8	107'5	107'03
—	—	—	—	—	—	—	—	—	—	—	—	—
102'6	103'5	104'5	103'7	106'7	110'6	107'9	108'5	103'9	105'5	105'6	105'5	104'92
99'3	100'1	102'2	101'5	103'0	104'2	104'2	101'5	102'1	99'4	103'2	102'4	102'84
98'8	101'0	102'7	104'6	105'2	106'0	106'4	105'7	103'7	100'6	97'3	98'3	101'55
96'5	98'7	99'7	102'2	102'4	101'3	99'5	99'0	100'5	99'7	104'9	102'7	99'67
95'2	96'5	97'8	97'7	98'8	98'2	98'0	96'4	94'7	94'7	95'5	95'5	98'05
97'0	97'8	102'0	97'5	99'2	102'5	100'2	102'2	98'5	99'7	95'6	97'0	97'61
—	—	—	—	—	—	—	—	—	—	—	—	—
98'1	100'5	101'2	99'5	99'5	99'5	99'4	96'8	98'6	96'3	97'0	97'2	98'41
94'1	95'2	103'2	103'8	103'0	101'5	101'6	99'7	101'2	99'7	105'0	103'7	98'97
98'3	101'7	100'0	100'0	100'2	102'6	103'8	101'1	100'4	102'0	101'6	102'0	100'45
96'1	101'5	98'8	96'6	98'1	97'8	98'5	101'3	102'0	101'0	101'0	100'5	99'15
94'5	100'7	101'8	102'8	102'8	103'1	101'4	99'3	100'0	99'2	100'0	100'5	99'84
105'2	109'1	106'7	104'1	101'6	103'9	105'4	103'3	103'7	96'7	102'4	102'3	101'93
101'95	103'87	104'72	104'07	104'91	105'54	105'03	104'13	103'49	102'59	103'44	103'77	103'52

TEMPERATURE OF THE VERTICAL FORCE MAGNET.

46'4	46'3	46'4	46'9	47'1	47'3	47'5	47'6	47'6	47'7	47'7	47'8	47'09
45'5	45'8	46'0	46'2	46'4	46'6	46'8	47'0	47'2	47'4	47'4	47'2	46'64
44'8	44'8	44'8	44'8	45'0	45'2	45'8	46'0	46'5	46'5	46'7	46'6	45'95
—	—	—	—	—	—	—	—	—	—	—	—	—
45'0	45'2	45'3	45'6	45'8	46'0	45'9	46'0	46'2	46'2	46'2	46'2	45'65
45'2	45'4	45'4	45'4	45'6	45'7	46'0	46'4	46'6	46'4	46'4	46'4	45'77
44'8	44'8	45'0	45'2	45'5	45'7	46'1	46'1	46'2	46'3	46'4	46'3	45'79
45'3	45'5	45'7	46'2	46'7	47'0	47'4	47'6	47'8	48'2	48'4	48'4	46'37
48'0	48'0	48'2	48'2	48'3	48'7	48'7	49'0	49'2	49'2	49'2	49'0	48'42
46'8	46'8	47'0	47'0	47'2	47'3	47'6	47'8	48'0	48'1	48'2	48'2	47'68
—	—	—	—	—	—	—	—	—	—	—	—	—
45'2	45'2	45'4	45'6	45'8	46'0	46'3	46'6	46'7	46'8	46'9	46'6	46'25
43'4	43'4	43'4	43'5	43'6	43'8	44'2	44'2	44'3	44'4	44'5	44'4	44'64
41'7	41'8	42'0	42'2	42'6	42'8	43'0	43'1	43'4	43'5	43'6	43'6	42'88
42'2	42'2	42'2	42'4	42'8	43'1	43'5	43'7	43'9	44'0	44'1	44'2	43'14
42'8	42'7	42'8	42'8	43'2	43'6	44'0	44'4	44'6	44'8	44'8	44'8	43'80
42'6	42'7	42'6	42'8	42'9	42'9	42'9	42'9	43'0	43'2	43'2	43'4	43'33
—	—	—	—	—	—	—	—	—	—	—	—	—
43'8	43'8	43'5	43'6	43'7	43'9	44'1	44'3	44'5	44'6	44'7	44'7	44'47
45'3	45'5	45'7	45'9	46'0	46'2	46'4	46'8	47'0	47'2	47'4	47'6	45'65
45'6	45'4	45'4	45'5	45'8	46'2	46'6	47'0	47'4	47'7	47'8	48'0	46'80
46'6	46'5	46'6	46'6	46'7	47'1	47'6	48'0	48'2	48'2	48'6	49'0	47'49
48'1	48'0	48'2	48'6	48'8	49'2	49'8	50'2	50'2	50'4	50'2	50'2	49'10
47'6	47'6	47'8	48'2	48'6	49'0	49'5	49'6	50'2	50'3	50'3	50'2	49'07
—	—	—	—	—	—	—	—	—	—	—	—	—
48'7	48'8	48'7	49'0	49'4	49'6	49'8	50'0	50'2	50'4	50'6	50'5	49'69
49'2	49'2	49'2	49'2	49'2	49'3	49'6	49'8	49'9	50'0	50'0	49'9	49'96
47'2	47'0	46'9	46'9	47'1	47'3	47'2	47'2	47'2	47'3	47'3	47'3	47'88
48'0	48'1	48'1	48'1	48'2	48'3	48'2	48'2	48'4	48'4	48'2	48'2	48'02
49'0	48'2	47'8	47'6	47'7	47'7	47'6	47'8	47'7	47'7	47'4	47'3	47'83
45'4	45'3	45'3	45'4	45'5	45'7	45'9	46'0	46'1	46'2	46'3	46'3	46'17
45'71	45'70	45'76	45'90	46'11	46'34	46'60	46'78	46'97	47'08	47'13	47'12	46'50

VERTICAL FORCE.													
One Scale Division = '000061 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '00021.													
Mean Gettin- gen Time. }	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
AUGUST.	1	103'4	102'5	95'8	—	—	—	—	—	—	—	—	
	2	—	—	—	105'2	106'0	106'9	105'0	103'9	104'1	104'7	105'6	103'1
	3	103'2	103'6	104'0	104'5	105'4	105'7	98'8	105'6	104'0	104'0	104'2	105'5
	4	106'5	104'3	103'8	103'9	103'8	103'8	103'4	103'6	—	103'9	105'1	104'9
	5	103'5	103'5	105'0	107'1	107'1	107'2	107'2	106'4	105'7	105'1	105'0	104'7
	6	103'9	103'5	108'6	109'8	104'9	104'1	107'3	107'8	—	105'6	106'3	104'8
	7	108'6	111'8	115'0	110'5	110'7	110'4	105'0	104'9	104'2	112'4	101'2	102'3
	8	—	106'8	98'6	—	—	—	—	—	—	—	—	—
	9	—	—	—	109'9	103'0	106'8	105'0	107'5	106'8	105'1	104'3	106'0
	10	105'5	107'4	105'4	110'9	110'2	108'0	107'4	106'1	110'0	109'4	107'2	104'5
	11	105'7	105'3	105'3	105'9	106'4	107'9	105'4	104'2	104'0	104'8	105'2	101'4
	12	100'0	97'2	97'2	97'3	90'3	92'9	94'5	96'8	—	98'6	97'3	95'8
	13	96'3	86'6	97'8	97'6	87'7	94'6	98'3	90'4	91'5	92'6	93'2	91'9
	14	93'2	92'5	92'4	92'1	91'5	91'2	98'1	97'4	94'3	98'9	90'1	92'3
	15	101'2	96'4	94'9	—	—	—	—	—	—	—	—	—
	16	—	—	—	96'2	96'0	97'2	97'5	98'5	97'5	97'2	97'4	105'9
	17	97'0	98'5	98'0	97'8	98'3	98'3	99'2	94'3	97'7	97'2	97'5	96'5
	18	96'9	95'5	95'8	94'3	92'7	94'5	94'9	91'9	93'3	93'9	90'7	92'0
	19	98'2	97'9	96'5	96'9	97'3	95'5	93'7	96'6	96'6	98'0	93'4	94'5
	20	96'9	98'8	94'0	92'5	—	99'8	101'4	102'2	102'9	101'5	100'5	101'6
	21	98'2	95'0	100'0	100'0	—	100'6	100'8	100'2	100'2	94'6	97'4	100'0
	22	96'3	96'3	97'9	—	—	—	—	—	—	—	—	—
	23	—	—	—	99'3	97'3	97'0	97'4	96'1	95'3	94'6	97'6	95'5
	24	91'6	94'3	94'0	92'4	92'7	91'0	90'4	91'0	91'5	90'8	97'1	95'1
	25	95'7	94'8	96'3	96'1	—	95'1	95'8	98'1	96'5	92'7	93'0	94'3
	26	97'4	98'4	102'7	100'8	—	103'4	104'8	102'5	—	101'6	99'0	99'0
	27	98'8	102'6	102'6	101'3	101'3	101'1	100'5	98'3	100'6	105'2	96'2	102'0
	28	99'4	100'0	98'0	96'6	96'0	95'8	100'1	91'5	96'3	97'0	103'0	101'8
	29	96'4	98'1	87'6	—	—	—	—	—	—	—	—	—
	30	—	—	—	94'4	94'1	98'2	93'3	94'2	94'4	94'8	95'0	95'2
	31	94'1	95'1	93'8	93'1	93'8	94'4	95'5	94'6	95'6	95'3	94'4	92'7
Hourly Means	99'52	99'72	99'27	100'24	99'39	100'05	100'03	99'41	99'23	99'98	99'11	99'36	

TEMPERATURE OF THE VERTICAL FORCE MAGNET.													
	°	°	°	°	°	°	°	°	°	°	°	°	
AUGUST.	1	46'2	46'0	46'0	—	—	—	—	—	—	—	—	
	2	—	—	—	44'8	44'8	44'7	44'5	44'4	44'2	44'2	44'3	
	3	45'7	45'7	45'6	45'4	45'2	45'1	45'0	44'8	44'5	44'3	44'2	44'3
	4	45'8	45'8	45'7	45'5	45'4	45'0	44'6	44'4	—	43'8	43'6	43'3
	5	44'8	44'8	44'6	44'4	44'4	44'0	43'6	43'5	43'4	43'2	43'0	42'6
	6	44'9	44'6	44'4	44'0	43'8	43'4	43'0	42'6	—	42'0	41'8	41'4
	7	43'0	43'0	43'0	43'2	43'3	43'3	43'7	43'6	43'3	43'2	43'3	43'2
	8	—	46'8	47'0	—	—	—	—	—	—	—	—	—
	9	—	—	—	45'0	45'0	44'8	44'7	44'4	44'2	44'0	43'8	43'6
	10	43'9	43'6	43'2	43'1	42'8	42'8	42'6	42'4	42'3	42'3	42'2	42'0
	11	44'4	44'4	44'4	44'4	44'2	44'1	44'0	43'9	43'9	43'8	43'9	43'9
	12	48'1	48'3	48'5	48'7	48'5	48'7	48'8	49'0	—	48'9	48'8	48'8
	13	51'8	51'8	51'8	51'9	51'8	51'8	51'6	51'4	51'3	51'2	51'0	51'2
	14	52'2	52'0	51'8	51'4	51'0	50'7	50'4	50'1	49'7	49'6	49'2	49'1
	15	51'2	51'2	51'2	—	—	—	—	—	—	—	—	—
	16	—	—	—	50'0	49'8	49'6	49'4	49'4	49'1	48'8	48'4	48'2
	17	49'3	49'4	49'2	49'0	48'8	48'8	48'8	48'7	48'5	48'5	49'2	48'7
	18	51'0	51'2	51'2	51'2	51'1	51'1	51'0	51'1	51'0	51'2	51'0	51'0
	19	50'8	50'7	50'4	50'2	50'0	49'7	49'4	49'5	49'1	48'8	48'5	48'3
	20	48'4	48'2	48'0	47'4	—	47'0	46'8	46'5	46'1	46'0	45'8	45'6
	21	47'4	47'6	47'5	47'4	—	47'0	46'8	46'6	46'4	46'0	45'8	45'6
	22	48'8	48'7	48'6	—	—	—	—	—	—	—	—	—
	23	—	—	—	49'4	49'3	49'1	48'9	48'8	48'4	48'1	48'0	47'8
	24	51'7	51'6	51'4	51'3	51'1	51'0	50'8	50'6	50'4	50'2	49'8	49'7
	25	50'0	50'0	49'9	49'7	—	49'2	49'0	48'8	48'7	48'4	48'2	48'0
	26	46'8	46'6	46'4	46'2	—	45'7	45'5	45'5	—	45'2	45'1	45'1
	27	46'2	46'2	46'3	46'3	46'2	46'2	46'2	46'1	45'8	45'6	45'6	45'5
	28	48'9	48'8	48'5	48'2	48'0	47'8	47'6	47'4	47'1	46'7	46'4	46'4
	29	48'6	48'5	48'4	—	—	—	—	—	—	—	—	—
	30	—	—	—	49'0	49'0	49'0	49'0	48'9	48'8	48'8	48'6	48'6
	31	50'4	50'3	50'3	50'2	50'3	50'2	50'0	49'8	49'7	49'5	49'3	49'3
Hourly Means	48'01	47'92	47'82	47'59	47'45	47'30	47'14	47'01	47'09	46'63	46'49	46'37	

VERTICAL FORCE.

One Scale Division = '000061 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah. = '00021.

12h.	13h.	14h.	1.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
103.5	102.5	103.7	105.0	109.3	106.1	106.2	105.1	105.3	103.9	102.2	101.0	104.17
104.1	104.5	105.2	101.5	101.5	103.7	102.2	102.9	101.7	101.8	—	104.7	103.58
105.4	105.8	103.3	103.6	104.6	104.8	105.2	104.4	105.7	107.3	102.1	102.2	104.41
107.3	109.2	108.8	104.5	103.1	104.5	102.4	105.2	105.0	104.1	—	106.4	105.57
103.9	108.7	113.7	114.2	118.6	114.7	111.4	111.4	118.8	108.6	120.7	106.3	109.68
101.8	103.0	101.0	102.9	114.3	107.0	110.0	106.5	110.7	111.0	89.7	96.2	106.30
106.0	104.7	109.7	111.2	108.5	106.7	114.4	113.4	108.7	101.2	111.6	106.8	107.07
106.7	108.6	103.7	102.5	104.2	106.5	108.0	110.2	109.0	103.7	103.0	105.2	106.80
103.2	105.7	105.7	107.3	104.3	101.2	103.1	107.0	100.7	96.8	96.8	96.7	103.75
93.2	90.9	90.0	96.2	96.9	97.6	100.1	97.3	99.8	99.8	100.7	97.3	96.42
92.5	93.0	94.2	96.5	95.0	102.1	105.3	103.5	97.8	96.2	90.1	94.4	94.96
93.0	93.0	95.9	101.7	105.0	100.9	101.3	95.0	99.7	102.4	83.4	85.0	95.01
92.7	96.0	98.6	99.5	101.6	105.8	108.0	108.0	104.2	95.9	100.1	105.8	99.67
97.4	101.3	100.5	105.1	99.4	99.4	97.9	96.4	94.5	94.7	95.9	91.9	97.70
91.6	93.1	98.5	97.3	94.7	98.1	93.5	95.0	97.1	97.3	95.4	90.5	94.52
93.2	93.6	96.2	100.0	97.0	99.0	100.5	102.2	101.0	98.5	97.0	98.0	97.14
100.1	101.7	101.8	102.4	102.3	102.6	103.1	100.9	100.5	100.0	101.6	97.4	100.28
101.3	100.5	99.3	102.0	99.7	99.4	100.6	103.0	103.3	96.2	95.0	96.6	99.34
95.7	96.7	97.9	96.3	97.3	97.4	97.4	95.0	93.9	92.0	90.3	91.6	95.92
99.1	94.8	93.0	95.7	98.0	96.2	101.1	96.2	92.3	93.3	96.3	98.9	94.45
102.8	94.9	99.8	100.9	100.8	99.1	99.1	98.0	98.6	100.8	103.0	98.5	97.60
101.2	102.0	102.7	105.7	108.4	109.3	107.0	104.9	101.6	104.5	101.7	103.9	102.84
101.0	89.7	90.9	95.5	97.7	100.0	99.7	96.2	93.2	96.5	97.0	97.2	98.55
91.8	93.0	96.7	110.1	110.5	99.7	100.1	99.1	100.8	96.4	94.3	97.8	98.57
95.0	93.5	93.9	93.9	98.6	99.2	101.0	95.9	95.3	93.9	91.5	87.7	94.80
92.3	93.8	95.6	99.2	99.2	97.6	97.3	94.8	91.8	90.8	91.4	91.4	94.48
99.07	99.01	100.01	101.95	102.71	102.25	102.92	101.83	101.19	99.52	97.95	98.05	100.09

TEMPERATURE OF THE VERTICAL FORCE MAGNET.

44.2	44.2	44.1	44.7	45.0	45.2	45.2	45.8	45.6	45.7	45.7	45.7	44.98
44.3	44.3	44.6	44.8	45.0	45.3	45.6	45.7	45.9	46.0	—	46.0	45.10
43.0	42.8	42.8	43.0	43.2	43.4	43.8	44.4	44.5	44.6	44.6	44.7	44.25
42.6	42.4	42.6	42.9	43.3	43.6	44.5	44.5	44.9	45.0	—	45.0	43.81
41.2	41.2	41.3	41.5	41.6	41.8	41.8	41.8	42.0	42.2	42.5	42.8	42.50
43.2	43.3	43.7	43.9	44.2	44.9	45.2	46.0	46.4	46.4	46.4	46.4	44.13
43.4	43.3	43.3	43.3	43.6	43.7	43.6	43.5	43.7	43.7	43.6	43.3	44.14
42.0	42.2	42.5	42.8	43.2	43.4	43.6	43.8	44.0	44.3	44.4	44.4	43.08
44.0	44.0	44.4	44.8	45.2	45.9	46.1	46.7	47.2	47.3	47.6	48.1	45.03
48.9	49.2	49.6	49.9	50.2	50.7	51.0	51.2	51.6	51.7	51.8	52.0	49.69
51.3	51.2	51.2	51.4	51.6	51.8	52.0	52.2	52.6	52.6	52.4	52.4	51.72
49.0	49.0	49.0	49.2	49.6	49.8	50.4	50.8	50.8	51.1	51.2	51.2	50.35
47.8	47.8	47.8	48.0	48.4	48.4	48.6	48.8	49.2	49.2	49.4	49.4	49.13
48.4	48.4	48.4	48.6	49.0	49.4	49.8	50.2	50.5	50.8	50.8	51.0	49.26
51.0	50.9	50.9	50.8	51.0	51.1	51.1	51.2	51.2	51.3	50.8	50.8	51.05
48.0	48.1	48.2	48.2	48.4	48.4	48.5	48.6	48.7	48.8	48.6	48.5	49.02
45.4	45.4	45.2	45.4	45.4	45.8	46.2	46.4	47.2	47.3	47.3	47.5	46.53
45.4	45.6	45.8	46.3	47.1	47.6	48.0	48.2	48.6	48.8	48.9	48.9	47.10
47.8	47.8	48.0	48.6	49.2	49.3	49.7	50.1	50.4	50.8	51.1	51.0	49.07
49.6	49.3	49.2	49.3	49.3	49.6	49.8	50.1	50.2	50.2	50.1	50.0	50.26
47.8	47.8	47.6	47.6	47.4	47.2	47.5	47.7	47.6	47.4	47.2	47.0	48.25
45.0	45.0	45.2	45.2	45.3	45.4	45.5	45.8	45.9	46.1	46.2	46.2	45.68
45.4	45.6	45.9	46.3	46.7	47.0	47.7	48.0	48.3	48.8	48.9	48.8	46.65
46.4	46.4	46.6	46.6	46.6	46.8	47.2	47.8	47.8	48.2	48.6	48.6	47.48
48.5	48.7	48.7	49.2	49.5	49.8	50.0	50.2	50.3	50.5	50.5	50.5	49.23
49.4	49.3	49.3	49.6	50.0	50.2	50.5	50.8	51.0	51.2	51.2	51.0	50.12
46.27	46.28	46.38	46.61	46.88	47.13	47.42	47.70	47.93	48.08	48.32	48.12	47.24

VERTICAL FORCE.													
One Scale Division = '000061 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah! = '00021.													
Mean Göttingen Time.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
SEPTEMBER.	1	93.2	93.5	93.5	93.5	93.5	93.5	94.9	94.2	94.7	93.2	93.4	92.8
	2	91.9	91.9	92.8	94.0	93.4	93.4	93.4	93.4	95.5	93.3	92.7	91.3
	3	94.7	95.4	95.3	95.1	95.6	96.0	96.4	96.8	95.0	94.2	94.2	92.6
	4	109.2	97.2	107.3	103.2	103.7	103.7	102.4	102.7	100.1	100.3	100.2	100.5
	5	109.7	106.6	95.8	—	—	—	—	—	—	—	—	—
	6	—	—	—	101.5	96.3	97.4	98.0	99.3	99.3	100.0	100.0	100.0
	7	93.0	92.2	92.3	95.0	95.0	97.1	100.0	100.2	—	104.5	97.7	97.7
	8	100.0	98.3	94.4	92.4	90.1	80.2	82.5	92.6	81.2	85.3	86.3	88.2
	9	93.6	92.0	94.6	92.2	91.1	89.4	90.0	90.1	91.8	93.5	93.5	90.0
	10	85.5	85.5	85.0	84.8	83.9	81.6	82.5	81.0	84.3	80.3	81.9	81.6
	11	99.2	94.3	91.7	95.7	93.5	87.1	85.1	80.6	90.2	93.6	98.8	95.3
	12	89.9	89.8	91.1	—	—	—	—	—	—	—	—	—
	13	—	—	—	94.0	94.9	94.4	94.4	94.0	94.3	94.4	97.4	95.4
	14	101.2	92.0	95.4	95.0	97.0	96.7	97.5	96.9	100.9	101.2	97.6	97.2
	15	99.1	98.9	100.7	94.2	97.5	99.4	101.2	101.8	100.6	101.0	99.1	102.5
	16	93.3	93.8	93.8	93.8	96.2	95.8	95.2	93.9	92.9	92.2	91.7	91.9
	17	91.8	92.4	92.0	91.8	91.7	91.1	90.7	90.9	90.2	89.9	91.6	91.0
	18	94.0	87.1	93.1	92.1	92.7	92.7	92.5	94.6	93.8	95.0	96.0	96.0
	19	92.2	92.2	94.5	—	—	—	—	—	—	—	—	—
	20	—	—	—	91.9	94.2	94.3	94.2	94.4	94.4	94.9	93.4	93.6
	21	91.3	92.3	93.1	92.7	—	94.2	94.2	93.6	93.2	93.8	89.9	92.0
	22	101.4	88.0	68.0	62.5	84.1	82.4	53.1	66.8	59.5	74.8	80.0	85.8
	23	93.0	92.7	92.7	92.7	95.0	94.8	94.5	94.1	95.2	97.4	92.7	91.0
	24	83.5	86.2	86.2	85.0	87.2	88.1	88.3	88.2	90.0	84.7	89.0	83.0
	25	82.0	83.4	84.0	84.8	83.8	84.7	81.0	86.5	84.6	84.5	86.0	86.2
	26	88.0	83.9	83.7	—	—	—	—	—	—	—	—	—
	27	—	—	—	97.0	97.0	96.2	95.7	95.2	94.8	95.7	96.9	96.7
	28	88.8	89.8	89.8	90.0	—	—	—	—	88.2	89.8	89.5	90.1
	29	88.7	89.8	89.8	91.1	91.7	92.1	92.8	94.0	93.4	92.7	92.7	92.7
	30	79.2	80.3	78.9	79.4	79.9	79.5	80.2	79.3	82.0	83.9	82.5	87.3
Hourly Means	93.36	91.52	91.14	91.36	92.46	91.83	90.83	91.80	91.20	92.47	92.57	92.40	
TEMPERATURE OF THE VERTICAL FORCE MAGNET.													
SEPTEMBER.	1	51.0	50.7	50.5	50.3	50.1	49.9	49.7	49.4	49.0	48.9	48.8	48.7
	2	50.8	50.5	50.3	50.1	49.8	49.6	49.5	49.7	49.4	49.4	49.2	49.0
	3	49.0	49.0	48.9	48.8	48.7	48.6	48.6	48.4	48.2	48.1	48.0	48.0
	4	47.6	47.5	47.4	47.2	47.0	46.7	46.5	46.3	46.2	46.1	46.0	46.0
	5	47.2	47.0	47.2	—	—	—	—	—	—	—	—	—
	6	—	—	—	47.4	47.4	47.4	47.2	47.2	47.0	46.9	46.9	46.8
	7	50.2	50.2	50.2	50.0	49.7	49.5	49.1	48.8	—	48.0	47.8	47.6
	8	50.8	50.8	50.7	50.4	50.2	50.0	50.0	49.8	49.5	49.2	49.0	49.0
	9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.1	52.2	52.2	52.3
	10	55.6	55.6	55.6	55.6	55.6	55.4	55.4	55.2	54.9	54.7	54.3	54.2
	11	53.8	53.3	53.0	52.7	52.3	52.1	51.8	51.7	51.4	51.2	51.0	50.8
	12	51.0	50.7	50.5	—	—	—	—	—	—	—	—	—
	13	—	—	—	50.6	50.6	50.5	50.4	50.2	50.0	50.0	49.8	49.8
	14	48.8	48.5	48.3	48.1	47.9	47.7	47.5	47.3	47.0	46.8	46.8	46.8
	15	48.7	48.6	48.3	48.2	48.0	47.8	47.4	47.0	46.8	46.4	46.2	45.9
	16	50.8	50.8	50.8	50.8	51.0	50.8	50.8	51.0	51.2	51.1	51.0	51.0
	17	53.9	53.9	53.8	53.7	53.4	53.2	53.0	52.8	52.6	52.4	52.4	52.0
	18	52.8	52.5	52.2	52.0	51.5	51.2	51.0	50.6	50.3	49.9	49.6	49.6
	19	50.5	50.2	50.0	—	—	—	—	—	—	—	—	—
	20	—	—	—	49.4	49.3	49.2	49.1	49.1	49.0	48.8	48.6	48.6
	21	51.6	51.2	51.0	50.6	—	49.7	49.4	49.0	48.8	48.7	48.3	48.0
	22	51.6	51.6	51.3	51.2	51.1	50.9	50.6	50.2	49.8	49.4	49.0	49.0
	23	52.7	52.4	52.2	52.0	51.8	51.6	51.5	51.4	51.4	51.4	51.2	51.2
	24	57.1	57.0	57.2	57.0	56.6	56.1	55.8	55.3	55.2	54.8	54.7	54.7
	25	57.4	57.2	57.0	56.8	56.5	56.2	55.8	55.6	55.2	55.1	54.8	54.8
	26	56.3	55.8	55.8	—	—	—	—	—	—	—	—	—
	27	—	—	—	50.4	50.2	50.0	49.8	49.4	49.2	49.0	48.9	48.9
	28	53.2	52.8	52.6	52.4	—	—	—	—	50.8	50.3	50.0	50.2
	29	53.1	52.8	52.5	52.3	52.1	51.8	51.3	51.1	50.8	50.5	50.2	50.0
	30	57.8	57.9	58.1	58.1	58.2	58.2	58.2	58.0	57.8	57.3	57.0	56.7
Hourly Means	52.12	51.94	51.82	51.47	51.30	51.04	50.86	50.66	50.54	50.25	50.07	49.98	

VERTICAL FORCE.

One Scale Division = '000061 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah^t. = '00021.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div. 94'3	Sc. Div. 94'3	Sc. Div. 93'0	Sc. Div. 95'4	Sc. Div. 98'9	Sc. Div. 98'9	Sc. Div. 98'2	Sc. Div. 94'4	Sc. Div. 92'6	Sc. Div. 91'2	Sc. Div. 91'2	Sc. Div. 91'5	Sc. Div. 94'07
91'9	91'9	94'0	95'9	96'9	98'4	97'4	97'1	99'3	96'7	93'8	93'8	94'34
93'3	93'0	92'3	94'1	94'1	98'2	108'0	105'3	101'8	108'2	101'3	107'8	97'45
98'2	96'4	97'5	96'4	101'5	101'5	105'2	105'9	114'4	103'0	102'2	110'7	102'64
—	—	—	—	—	—	—	—	—	—	—	—	—
101'0	94'0	94'8	94'2	97'2	97'8	98'4	97'2	95'4	93'6	95'0	95'0	98'23
99'0	98'6	99'4	98'4	98'4	98'4	100'0	101'2	101'8	98'9	99'1	96'5	98'02
—	93'3	94'0	94'0	94'6	96'3	96'7	94'5	93'9	91'4	92'4	93'6	91'57
89'2	88'3	88'9	91'3	90'7	91'8	88'6	86'9	86'2	87'3	86'8	86'8	90'19
83'5	82'1	82'1	89'7	88'1	90'0	91'4	89'1	91'6	107'0	106'0	100'0	87'44
92'8	101'0	98'7	98'1	101'8	98'5	93'4	94'8	96'4	87'2	100'3	96'7	94'37
—	—	—	—	—	—	—	—	—	—	—	—	—
94'7	95'5	96'1	96'9	97'0	98'4	98'9	98'6	96'0	105'0	105'0	103'2	96'22
97'9	99'4	95'6	95'7	101'6	103'0	107'0	103'0	103'7	99'4	101'0	99'8	98'99
97'9	99'0	97'9	97'7	98'3	98'8	99'5	97'6	95'8	95'4	94'3	93'7	98'71
91'7	91'7	98'0	95'4	96'3	96'2	97'8	89'2	89'2	87'6	92'8	92'4	93'45
92'0	93'9	93'0	92'9	92'7	92'9	92'0	89'9	88'6	89'4	87'5	90'3	91'26
96'1	95'4	96'2	95'0	95'4	95'2	94'5	93'3	91'2	92'3	92'3	92'2	93'70
—	—	—	—	—	—	—	—	—	—	—	—	—
95'3	92'8	93'8	93'3	93'3	92'0	91'9	96'6	92'2	89'7	91'5	91'8	93'27
93'5	104'3	100'3	99'7	99'7	103'0	100'3	111'4	116'8	120'2	111'4	102'2	99'26
93'1	93'2	95'2	96'4	95'0	93'8	96'3	92'7	95'0	93'2	93'0	91'4	84'78
97'2	93'8	95'0	94'0	102'9	94'4	89'9	86'3	84'7	86'8	85'0	85'0	92'53
86'8	86'1	88'1	90'3	91'6	88'3	87'5	86'5	83'5	82'0	81'3	81'3	86'36
87'5	87'5	90'7	93'5	87'0	87'4	86'8	87'8	84'0	81'9	89'0	80'6	85'63
—	—	—	—	—	—	—	—	—	—	—	—	—
94'8	94'2	97'3	97'8	95'3	94'7	94'7	92'4	91'1	87'0	86'6	87'0	93'07
89'6	96'0	93'7	93'4	93'4	92'4	89'8	89'9	89'4	89'4	88'2	88'2	90'47
92'9	93'2	92'3	91'6	90'4	89'7	86'0	84'8	82'4	81'5	79'2	80'7	89'42
80'1	85'3	82'8	87'0	79'9	82'7	86'8	91'0	92'7	87'5	84'4	89'5	83'42
92'97	93'62	93'87	94'54	95'08	95'10	95'27	94'52	94'22	93'57	93'48	93'14	93'02

TEMPERATURE OF THE VERTICAL FORCE MAGNET.

48'6	48'6	48'8	49'2	49'3	49'7	49'9	50'1	50'5	50'4	50'5	50'7	49'72
49'0	48'9	48'8	48'9	49'0	49'1	49'2	49'2	49'2	49'2	49'1	49'1	49'42
48'0	48'1	48'1	48'1	48'2	48'0	48'0	48'2	48'3	48'2	47'8	47'8	48'30
46'0	46'0	46'0	46'2	46'3	46'6	46'8	47'0	47'2	47'2	47'3	47'3	46'69
—	—	—	—	—	—	—	—	—	—	—	—	—
47'0	47'3	48'0	48'6	48'6	49'2	49'4	49'6	49'8	50'0	49'9	49'8	48'03
47'5	47'6	48'0	48'2	48'8	49'2	49'7	50'1	50'4	50'7	50'8	50'8	49'26
—	48'7	48'6	48'7	48'7	48'9	49'2	49'9	50'4	50'8	51'2	51'8	49'84
52'4	52'9	53'2	53'5	54'0	54'3	54'6	54'8	55'2	55'3	55'4	55'6	53'16
53'6	53'3	53'2	53'2	53'2	53'2	53'4	53'8	54'0	54'0	54'1	54'1	54'38
50'8	50'8	50'8	50'9	51'1	51'2	51'3	51'4	51'5	51'5	51'6	51'2	51'63
—	—	—	—	—	—	—	—	—	—	—	—	—
49'7	49'5	49'3	49'6	49'7	49'6	49'6	49'4	49'4	49'2	49'1	48'9	49'88
46'7	46'7	46'8	47'1	47'3	47'8	48'0	48'1	48'6	48'7	48'8	48'8	47'70
46'0	46'1	46'2	46'8	47'2	47'8	48'3	49'2	49'6	50'0	50'2	50'6	47'80
51'0	51'0	51'0	51'3	51'8	52'3	52'9	53'2	53'5	53'6	53'8	53'9	51'68
52'0	52'3	52'5	52'7	52'7	52'8	53'2	53'3	53'5	53'6	53'2	53'1	53'00
49'6	49'8	50'0	50'2	50'5	50'7	50'8	51'0	51'0	51'0	50'8	50'6	50'80
—	—	—	—	—	—	—	—	—	—	—	—	—
48'3	48'5	48'8	49'5	50'0	50'3	50'8	51'1	51'3	51'5	51'3	51'3	49'77
47'9	48'3	48'5	49'0	49'6	50'0	50'4	50'8	51'4	51'6	51'6	51'7	49'87
49'1	49'2	49'6	50'0	50'3	51'0	51'5	51'9	52'2	52'3	52'4	52'6	50'74
51'4	51'7	52'3	53'1	54'0	54'3	54'8	55'4	55'5	56'0	56'2	56'8	53'01
54'6	54'6	54'9	55'2	55'5	55'8	56'3	56'8	57'0	57'2	57'4	57'4	56'01
54'6	54'6	55'0	55'5	56'3	56'6	57'2	57'6	57'8	57'6	57'3	57'0	56'23
—	—	—	—	—	—	—	—	—	—	—	—	—
49'0	49'3	50'0	50'7	51'2	51'6	51'8	52'4	52'6	53'0	53'2	53'2	51'32
50'3	50'4	50'7	51'0	51'4	51'9	52'2	52'5	52'9	53'0	53'0	53'1	51'73
50'0	50'0	50'3	50'9	51'8	53'0	54'0	55'2	56'0	56'8	57'3	57'4	52'55
56'4	56'4	56'4	56'2	56'2	56'2	55'8	55'6	55'6	55'4	55'2	54'8	56'81
49'98	50'02	50'22	50'55	50'87	51'20	51'50	51'83	52'10	52'23	52'25	52'28	51'13

VERTICAL FORCE.												
One Scale Division = '000061 parts of the V.F. Change in the Magnetic moment of the Bar for 1° Fah ^t . = '00021.												
Mean Göttingen Time. } OCTOBER.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.
1	84.0	80.5	82.2	85.0	87.5	90.5	90.4	90.4	91.7	91.4	93.8	93.8
2	83.3	92.4	87.0	88.6	—	—	95.2	83.1	—	85.5	86.7	91.0
3	88.6	87.4	85.6	—	—	—	—	—	—	—	—	—
4	—	—	—	86.0	86.5	82.5	88.7	88.1	87.3	87.3	89.8	88.8
5	86.7	88.9	89.8	87.1	90.7	92.7	93.7	92.7	93.2	93.0	93.3	92.2
6	85.0	85.7	85.7	83.1	85.8	87.0	88.7	87.0	—	87.8	87.1	87.7
7	96.0	97.6	95.4	93.1	90.2	89.5	88.2	91.2	85.3	a—	89.0	89.1
8	96.1	98.4	95.0	78.4	72.8	84.6	85.1	77.4	—	91.2	94.2	94.2
9	79.9	83.1	89.2	89.6	88.2	86.7	90.9	87.7	83.5	87.4	89.9	90.5
10	90.5	88.0	78.7	—	—	—	—	—	—	—	—	—
11	—	—	—	86.8	87.2	94.9	95.5	95.6	95.2	94.5	98.3	101.2
12	98.2	89.9	87.1	94.3	98.9	98.2	97.9	95.7	92.8	92.5	94.5	94.5
13	94.6	94.6	95.0	95.3	92.6	94.4	92.2	99.3	93.9	94.4	95.6	91.2
14	93.5	92.6	93.0	93.0	93.1	93.5	93.7	93.9	—	94.5	94.0	94.8
15	86.6	88.1	87.2	88.0	89.2	90.7	90.7	90.5	89.5	90.5	90.5	88.8
16	85.8	87.3	86.4	85.2	85.2	85.2	85.2	85.2	85.9	86.3	85.8	86.1
17	77.2	77.2	77.0	—	—	—	—	—	—	—	—	—
18	—	—	—	90.3	91.0	92.9	95.0	96.7	88.7	88.7	88.7	88.5
19	90.4	90.9	91.0	91.7	89.9	88.3	84.0	90.0	89.0	90.2	94.3	94.3
20	81.9	84.5	82.7	84.6	79.9	87.6	82.8	84.0	86.0	86.8	87.6	89.6
21	76.5	75.1	76.3	75.1	74.2	74.0	73.5	72.6	73.8	73.8	72.5	77.8
22	72.4	69.2	64.0	71.5	74.0	74.8	73.6	68.0	68.7	69.0	74.9	77.1
23	80.8	79.5	80.0	85.6	84.6	84.5	84.3	85.6	84.9	87.0	87.0	88.5
24	82.8	82.4	83.6	—	—	—	—	—	—	—	—	—
25	—	—	—	79.6	83.3	83.3	83.3	83.3	83.5	84.5	85.9	90.3
26	72.3	72.3	72.5	78.8	75.2	75.8	75.8	76.3	76.0	76.3	70.2	71.0
27	76.2	78.6	71.4	77.6	79.8	83.1	81.6	79.8	79.8	85.0	78.5	77.0
28	81.3	81.3	82.2	80.7	83.1	83.2	83.7	82.6	79.6	78.4	80.0	78.2
29	80.8	77.1	80.5	83.6	82.2	84.8	85.4	84.3	—	86.7	85.5	85.5
30	89.7	85.7	88.2	93.5	91.9	92.6	94.0	94.0	92.2	93.0	91.9	91.0
Hourly Means	85.04	84.93	84.01	85.62	85.48	87.01	87.43	86.73	85.74	86.85	87.58	88.18

TEMPERATURE OF THE VERTICAL FORCE MAGNET.												
OCTOBER.	1	2	3	4	5	6	7	8	9	10	11	12
1	54.6	54.0	53.6	53.0	52.7	52.2	51.9	51.3	51.0	—	50.2	50.1
2	52.5	52.5	52.4	52.1	—	—	51.5	51.3	—	51.0	50.7	50.7
3	55.1	55.4	55.8	—	—	—	—	—	—	—	—	—
4	—	—	—	56.0	55.8	55.6	55.2	55.1	54.9	54.4	54.1	54.0
5	54.7	54.1	53.7	53.1	52.8	52.5	52.2	52.0	51.8	51.5	51.3	51.7
6	55.8	55.8	55.8	55.8	55.6	55.4	55.0	54.9	—	54.8	54.5	54.1
7	51.6	51.2	50.8	50.2	49.8	49.2	48.8	48.6	48.1	—	47.2	47.1
8	52.6	52.8	52.7	53.1	53.2	53.3	53.1	53.1	—	53.0	53.2	53.2
9	55.3	55.0	54.8	54.5	54.2	53.8	53.6	53.4	53.2	52.9	52.6	52.6
10	55.2	55.2	55.3	—	—	—	—	—	—	—	—	—
11	—	—	—	51.5	51.2	51.0	50.8	50.6	50.2	49.9	49.8	49.8
12	50.9	50.7	50.6	50.5	50.2	50.0	49.8	49.6	49.3	49.2	49.0	49.0
13	51.7	51.6	51.6	51.4	51.1	51.0	50.9	50.8	50.7	50.6	50.4	50.5
14	52.0	52.0	51.9	51.8	51.7	51.6	51.6	51.3	—	51.0	50.8	51.0
15	54.2	54.1	54.0	53.8	53.6	53.2	53.0	53.0	52.8	52.6	52.5	52.5
16	57.0	57.0	56.6	56.4	56.1	55.9	55.7	55.5	55.2	55.0	55.1	55.2
17	60.1	60.0	60.0	—	—	—	—	—	—	—	—	—
18	—	—	—	52.5	52.2	51.7	51.4	51.0	50.8	50.3	49.9	49.9
19	52.2	52.0	51.8	51.6	51.5	51.2	50.9	50.8	50.4	50.3	50.2	50.5
20	55.7	55.7	55.5	55.4	55.1	55.0	54.8	54.6	54.4	54.0	54.0	54.0
21	60.0	60.3	60.5	60.7	60.8	61.0	61.0	61.0	61.0	60.9	60.8	60.8
22	64.2	63.4	62.8	62.5	62.1	61.5	61.1	60.6	60.2	60.0	59.6	59.8
23	59.0	58.5	58.0	57.6	57.1	56.7	56.3	56.0	55.6	55.4	55.0	55.0
24	56.7	56.3	55.9	—	—	—	—	—	—	—	—	—
25	—	—	—	57.9	57.5	57.2	56.7	56.3	55.9	55.6	55.2	55.2
26	61.7	61.8	61.7	61.4	61.0	60.7	60.3	60.0	59.5	59.3	59.8	60.3
27	60.2	60.0	59.7	59.4	59.0	58.6	58.4	58.2	57.9	57.7	57.4	57.2
28	57.4	57.4	57.3	57.2	57.0	57.0	56.8	56.8	56.7	56.4	56.3	56.2
29	58.3	58.2	58.0	57.8	57.5	57.3	57.0	56.5	—	55.6	55.4	55.0
30	53.8	53.6	53.3	53.0	52.6	52.4	52.2	52.0	51.5	51.3	51.2	51.6
Hourly Means	55.87	55.72	55.54	55.01	54.86	54.60	54.23	54.02	53.86	53.86	53.32	53.35

* Vibrating.

VERTICAL FORCE.

One Scale Division = '000061 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah. = '00021.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
96.7	94.4	91.0	92.5	94.3	92.2	90.5	90.2	89.4	88.6	88.9	79.4	89.37
95.5	92.0	93.4	91.8	97.2	97.2	98.8	88.6	100.1	94.5	90.0	90.9	91.56
—	—	—	—	—	—	—	—	—	—	—	—	—
92.1	91.8	90.7	91.8	91.5	90.3	90.0	90.8	89.9	89.6	87.7	89.0	88.82
87.7	93.5	94.7	94.2	94.2	91.0	89.5	87.0	85.9	85.0	86.0	87.0	90.40
91.7	92.8	94.3	95.1	95.6	95.6	97.5	96.0	94.7	93.0	95.2	97.2	90.84
96.7	97.2	110.5	113.3	106.9	110.1	116.5	121.5	106.7	126.7	111.6	99.3	100.94
95.9	97.0	93.3	93.3	93.0	92.7	95.0	95.7	86.0	91.6	87.3	83.7	90.08
97.7	100.7	100.5	99.0	96.8	96.3	99.0	96.6	93.7	87.5	95.9	99.0	92.05
—	—	—	—	—	—	—	—	—	—	—	—	—
96.6	101.0	100.9	98.2	105.3	97.9	94.5	94.8	97.4	89.9	99.9	100.8	95.15
96.0	96.6	98.6	97.4	94.8	92.9	94.3	92.8	92.8	93.0	94.0	94.0	94.65
96.3	99.1	95.8	97.8	—	—	92.2	93.4	94.4	92.2	91.0	93.3	94.48
95.3	94.7	93.6	91.8	91.0	90.3	88.6	88.5	87.2	85.8	84.9	86.0	91.62
91.5	91.5	92.2	91.8	91.4	90.4	88.0	86.5	86.1	83.3	87.3	87.3	89.07
82.7	86.1	86.1	83.3	80.3	80.7	80.7	79.2	77.7	75.5	76.0	81.3	83.30
—	—	—	—	—	—	—	—	—	—	—	—	—
92.7	95.2	96.6	96.2	95.5	96.0	92.5	91.3	90.0	88.3	89.5	90.9	90.27
94.3	98.4	98.0	94.4	94.5	89.5	88.6	86.0	83.3	83.2	84.7	81.9	90.03
89.6	89.1	89.5	87.9	87.8	87.2	83.9	80.3	78.2	75.9	75.0	74.3	84.02
77.8	73.7	75.8	79.6	81.4	77.5	71.0	71.8	71.8	66.4	74.0	71.5	74.43
87.5	78.2	75.3	81.0	79.5	75.3	78.2	76.4	76.4	76.4	77.5	77.5	74.85
89.8	91.7	91.5	90.0	89.6	92.1	90.0	84.7	82.9	80.0	80.1	81.4	85.67
—	—	—	—	—	—	—	—	—	—	—	—	—
88.1	85.6	83.7	82.5	82.5	80.6	77.4	77.4	73.6	73.0	71.0	71.0	81.34
75.7	75.3	75.3	75.3	74.1	74.9	74.1	74.3	75.5	75.1	75.2	76.7	74.75
78.8	79.1	82.8	84.4	83.9	83.9	83.9	83.4	81.5	81.5	82.5	81.3	80.64
81.7	86.4	87.3	85.4	83.4	87.0	83.6	79.5	80.5	80.7	82.2	82.2	82.26
89.3	89.6	91.6	91.0	98.3	97.4	92.3	88.6	88.6	86.5	86.6	87.6	87.12
91.0	93.5	89.2	92.8	90.4	87.0	84.0	85.6	86.5	86.5	81.7	85.6	89.65
90.34	90.93	91.24	91.22	90.93	89.84	89.02	87.73	86.57	85.76	85.99	85.77	87.51

TEMPERATURE OF THE VERTICAL FORCE MAGNET.

50.0	50.0	50.0	50.4	50.7	51.2	51.4	52.0	52.2	52.5	52.5	52.4	51.73
50.8	50.8	51.0	51.2	51.6	52.2	52.7	53.3	53.8	54.2	54.6	54.9	52.18
—	—	—	—	—	—	—	—	—	—	—	—	—
53.8	53.8	53.9	54.4	54.3	54.4	54.3	54.4	54.5	54.7	54.3	54.1	54.68
51.9	52.0	52.1	52.4	53.1	53.6	54.2	54.6	55.1	55.4	55.6	55.7	53.21
53.9	53.5	53.3	53.0	52.8	52.8	52.8	53.0	52.8	52.6	52.3	52.0	54.01
47.2	47.2	47.4	48.0	48.5	49.2	49.8	50.4	51.0	51.5	52.2	52.4	49.45
53.4	53.4	53.7	53.9	54.2	54.5	54.8	55.2	55.3	55.7	55.7	55.4	53.85
52.8	53.0	53.0	53.2	53.7	53.8	54.0	54.5	55.0	55.4	55.4	55.4	53.96
—	—	—	—	—	—	—	—	—	—	—	—	—
49.4	49.7	49.7	50.3	50.4	50.6	50.7	51.0	51.0	51.0	51.1	51.0	51.10
49.1	49.2	49.6	50.0	50.4	50.6	51.0	51.3	51.4	51.6	51.6	51.6	50.26
50.6	50.6	50.8	51.0	—	—	51.3	52.0	52.0	52.0	52.0	52.0	51.21
51.2	51.3	52.1	52.8	53.0	53.5	53.9	54.1	54.2	54.3	54.3	54.3	55.42
52.7	53.0	53.3	54.1	54.7	55.2	55.7	56.0	56.3	57.0	57.0	57.0	54.22
55.3	55.6	56.2	57.0	57.5	58.1	58.9	59.3	59.8	60.0	60.1	60.1	57.02
—	—	—	—	—	—	—	—	—	—	—	—	—
49.8	49.8	49.8	50.0	50.4	50.4	51.2	51.4	51.7	51.8	51.8	51.8	52.07
50.6	51.0	51.4	52.0	52.4	53.2	53.8	54.3	54.9	55.3	55.5	55.7	52.23
54.0	54.0	54.2	54.7	54.9	55.3	56.0	56.8	57.4	58.2	58.8	59.6	55.50
61.4	62.0	62.7	63.3	64.0	64.5	65.0	65.2	65.7	65.6	65.2	64.8	62.24
59.8	59.8	60.2	60.4	60.4	60.5	60.7	60.8	60.6	60.3	59.9	59.5	60.86
55.1	55.4	55.7	55.9	56.0	56.4	56.8	57.0	57.2	57.2	57.2	57.0	56.55
—	—	—	—	—	—	—	—	—	—	—	—	—
55.3	55.4	55.8	56.3	57.4	58.5	59.0	59.5	60.0	60.7	61.2	61.4	57.37
59.9	59.6	59.7	59.8	60.0	60.3	60.6	60.8	60.9	60.9	60.7	60.6	60.47
57.0	57.0	57.0	57.1	57.2	57.2	57.2	57.3	57.3	57.6	57.4	57.6	57.94
56.0	56.0	56.0	56.3	56.7	57.0	57.3	57.7	58.2	58.3	58.4	58.3	57.03
54.8	54.5	54.0	54.2	54.2	54.2	54.0	54.0	54.0	54.0	54.0	53.9	53.18
52.0	52.2	52.5	53.0	53.7	54.1	54.3	54.9	55.1	55.3	55.3	55.3	53.17
53.38	53.45	53.65	54.03	54.49	54.71	55.05	55.42	55.67	55.89	55.93	55.92	54.65

VERTICAL FORCE.													
One Scale Division = '000062 parts of the V.F. Change in the Magnetic moment of the Bar for 1° Fah°. = '00021.													
Mean Göttingen Time. } Oct. 31	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
1	77·8	86·7	98·0	—	86·8	80·1	87·5	85·9	85·3	85·0	85·5	86·7	89·0
2	78·5	73·2	71·6	83·3	83·0	83·0	83·7	86·0	81·3	82·6	86·2	82·3	82·3
3	78·0	75·9	81·8	73·5	76·6	78·7	80·0	79·3	80·5	80·0	79·7	82·6	82·6
4	74·1	73·9	75·5	77·7	—	77·3	77·4	78·3	84·7	81·0	79·5	82·7	82·7
5	74·1	74·9	75·0	73·2	—	75·4	78·8	78·2	77·0	76·8	78·6	79·7	79·7
6	73·7	75·5	76·8	76·4	78·2	78·2	77·8	77·3	78·2	78·6	76·8	74·8	74·8
7	69·3	71·5	72·3	—	—	—	—	—	—	—	—	—	—
8	—	—	—	82·5	82·5	82·5	82·5	^a —	84·3	85·6	81·2	82·0	82·0
9	79·3	79·3	78·2	76·6	79·9	80·2	80·5	80·5	81·2	81·0	81·5	81·9	81·9
10	73·6	76·6	78·8	78·3	79·2	79·3	80·1	79·6	80·4	81·2	81·7	81·7	81·7
11	73·1	72·9	74·1	74·8	77·4	77·4	77·4	77·9	79·9	80·3	81·8	78·5	78·5
12	75·2	76·3	76·3	77·2	76·1	76·1	77·2	76·3	76·5	75·5	73·8	75·0	75·0
13	74·2	75·5	75·0	75·8	75·3	76·0	79·7	80·8	—	77·0	79·0	79·0	79·0
14	82·9	81·1	82·2	—	—	—	—	—	—	—	—	—	—
15	—	—	—	78·1	78·8	78·8	78·5	78·5	80·5	80·0	79·6	82·6	82·6
16	81·4	83·0	83·8	82·5	83·4	85·3	84·1	84·4	83·6	82·8	83·8	86·9	86·9
17	78·4	77·1	75·9	78·6	88·1	82·4	75·9	66·3	55·0	61·3	75·5	78·8	78·8
18	82·5	80·8	80·0	78·7	73·6	76·5	79·8	78·7	77·8	78·6	80·6	81·4	81·4
19	72·7	72·7	72·7	72·7	72·9	71·1	71·9	73·8	72·3	72·5	74·7	76·2	76·2
20	80·5	83·8	78·6	80·7	^a —	82·2	82·5	84·5	84·0	87·0	88·5	91·1	91·1
21	85·6	83·0	82·8	—	—	—	—	—	—	—	—	—	—
22	—	—	—	86·8	86·2	86·5	86·2	85·9	86·5	87·3	88·5	88·5	88·5
23	78·7	78·7	79·3	82·4	—	82·4	82·4	82·2	82·2	81·5	83·2	83·4	83·4
24	75·8	72·8	77·5	76·5	75·4	74·6	74·6	74·2	—	73·1	72·7	72·2	72·2
25	64·5	64·8	64·8	60·0	61·5	63·8	65·6	66·7	66·7	65·9	65·9	67·1	67·1
26	63·7	63·8	66·0	66·6	—	68·8	70·4	75·8	73·0	75·0	73·9	77·8	77·8
27	71·2	66·3	67·8	69·1	74·8	74·8	78·5	76·8	74·8	75·5	76·3	79·9	79·9
28	71·4	71·4	69·8	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	78·0	77·5	73·2	72·1	70·3	70·3	70·0	72·8	72·8
30	58·6	66·5	60·4	63·1	65·0	67·4	69·4	69·5	70·0	70·0	69·7	70·9	70·9
Hourly Means	74·95	75·31	75·96	76·48	77·43	77·83	78·62	77·96	77·74	77·92	78·83	79·95	79·95
TEMPERATURE OF THE VERTICAL FORCE MAGNET.													
Oct. 31	55°·2	55°·4	55°·2	°	°	°	°	°	°	°	°	°	
1	—	—	—	55·0	54·8	54·7	54·7	54·5	54·4	54·4	54·4	54·4	
2	59·1	58·9	58·6	58·2	58·0	57·8	57·4	57·0	56·7	56·3	55·8	56·0	
3	60·4	60·2	59·8	59·6	59·2	58·6	58·2	58·0	58·0	57·5	57·3	57·3	
4	61·0	61·0	60·5	60·0	—	59·6	59·2	59·0	58·6	58·5	58·4	58·6	
5	60·8	60·6	60·2	60·0	—	59·4	59·2	59·0	58·7	58·5	58·2	58·2	
6	60·0	60·0	59·8	59·6	59·5	59·4	59·2	59·0	58·8	58·7	58·5	59·0	
7	63·3	62·8	62·2	—	—	—	—	—	—	—	—	—	
8	—	—	—	58·6	58·2	57·6	57·2	—	56·5	56·2	55·8	56·2	
9	59·6	59·4	59·0	58·8	58·8	58·5	58·0	57·8	57·7	57·5	57·3	57·2	
10	58·8	58·8	58·4	58·5	58·3	58·1	57·8	57·4	57·0	56·8	56·8	57·0	
11	61·2	61·1	60·7	60·4	60·0	59·6	59·2	58·8	58·3	58·0	57·7	57·7	
12	60·4	60·4	60·0	60·0	59·8	59·5	59·2	59·0	58·8	58·8	58·8	59·0	
13	59·9	59·7	59·2	59·1	58·8	58·5	58·2	58·1	—	57·6	57·5	57·4	
14	56·7	56·7	56·8	—	—	—	—	—	—	—	—	—	
15	—	—	—	58·5	58·2	57·9	57·7	57·3	57·0	56·8	56·3	56·1	
16	55·5	55·1	54·9	54·7	54·4	54·2	54·1	54·0	54·0	53·8	53·8	54·0	
17	57·6	57·5	57·2	57·0	56·8	56·6	56·4	56·0	55·7	55·4	55·3	55·5	
18	60·4	60·2	60·2	59·8	59·7	59·3	58·8	58·6	58·7	58·4	58·7	58·7	
19	62·7	62·6	62·4	62·3	62·1	62·0	61·8	61·6	61·3	61·2	60·8	60·8	
20	57·4	57·0	56·5	56·1	—	55·5	55·2	54·8	54·7	54·3	54·1	54·1	
21	54·2	54·2	54·0	—	—	—	—	—	—	—	—	—	
22	—	—	—	54·0	54·0	53·8	53·7	53·7	53·6	53·4	53·6	53·4	
23	57·6	57·2	57·1	56·8	—	56·4	56·0	55·8	55·4	55·2	54·8	55·0	
24	59·8	60·0	60·2	60·2	60·0	60·1	60·2	60·1	—	60·0	60·0	60·1	
25	65·0	65·1	65·2	65·1	65·0	64·8	64·7	64·7	64·6	64·6	64·2	64·2	
26	65·0	64·7	64·0	63·6	—	62·4	61·8	61·4	61·0	60·4	60·2	59·9	
27	62·1	62·0	61·8	61·4	61·0	60·6	60·3	60·0	59·7	59·6	59·2	59·0	
28	64·0	63·9	63·8	—	—	—	—	—	—	—	—	—	
29	—	—	—	—	63·2	63·0	62·8	62·8	62·5	62·2	62·1	62·0	
30	66·0	65·8	65·4	65·0	64·7	64·0	63·5	63·1	62·7	62·5	62·3	62·3	
Hourly Means	60·14	60·01	59·92	59·30	59·26	58·92	58·63	58·46	58·11	57·95	57·77	57·81	

^a Vibrating.

VERTICAL FORCE.

One Scale Division = '000062 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '00021.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
89.3	88.6	86.2	84.0	81.4	79.8	81.2	79.7	80.0	78.2	78.5	79.1	84.18
84.9	85.2	84.0	79.0	79.0	78.7	78.7	76.0	77.8	76.4	74.8	78.0	80.30
84.0	84.0	82.8	81.8	76.0	76.0	75.0	71.0	72.5	73.0	73.0	73.0	77.86
83.1	80.9	81.3	79.0	76.2	74.0	73.8	72.2	73.9	76.0	75.8	75.0	77.53
81.6	84.0	82.8	81.1	78.7	74.9	74.0	77.0	76.0	76.0	75.1	73.2	77.22
76.7	77.9	82.3	82.5	77.0	68.9	67.6	68.8	66.5	66.4	64.3	67.2	74.52
84.5	86.1	83.8	81.3	81.6	79.9	77.7	76.9	78.6	77.1	78.5	79.3	80.07
84.2	85.4	84.3	85.2	83.8	81.8	80.2	78.8	77.1	77.0	76.0	75.2	80.38
82.2	81.8	80.3	77.8	75.9	74.1	73.4	70.3	72.5	71.2	71.3	72.3	77.23
81.0	82.3	83.9	81.1	79.8	78.5	75.0	75.0	73.9	73.9	75.2	75.2	77.51
77.7	80.5	80.5	80.5	76.1	72.6	71.0	70.8	70.8	71.5	72.0	73.3	75.37
81.0	82.7	83.7	83.7	83.0	83.5	81.2	79.6	80.3	81.8	84.8	73.7	79.40
85.0	84.8	82.9	82.5	80.5	81.2	79.3	80.7	82.8	82.4	81.1	81.5	81.10
88.8	85.9	87.9	85.0	85.9	83.2	79.0	78.0	76.0	75.0	75.5	76.2	82.56
82.4	84.1	83.9	78.5	78.6	74.8	82.0	92.6	85.3	84.6	82.0	79.2	78.39
84.0	85.8	83.8	77.9	73.7	75.0	75.0	71.3	71.9	71.9	71.9	72.7	77.66
80.4	82.0	82.0	82.4	79.8	78.5	75.5	75.8	75.3	77.5	78.7	82.2	76.10
88.5	90.7	86.6	80.3	88.5	86.6	86.6	86.6	85.5	85.5	85.5	85.5	85.21
89.3	87.6	85.7	83.3	82.5	80.1	79.0	77.3	77.6	76.9	76.7	77.3	83.63
85.8	86.9	84.9	82.0	80.0	77.8	75.5	73.5	74.7	74.7	74.7	74.7	80.07
74.0	75.7	74.7	72.7	67.8	67.0	66.1	64.4	64.0	65.0	64.5	64.5	71.30
69.0	69.0	67.7	65.8	64.8	61.7	62.8	63.9	65.3	65.7	63.7	62.6	64.97
78.3	73.8	74.8	74.8	79.3	76.0	73.3	77.5	76.3	76.3	75.4	75.0	73.29
81.3	78.8	73.9	73.1	74.6	68.7	69.3	68.2	66.8	64.6	65.9	68.0	72.46
74.3	76.5	79.0	75.8	72.5	68.2	65.7	65.0	64.1	66.2	65.4	64.4	71.04
76.1	70.4	75.0	71.1	66.2	66.0	66.3	67.8	67.8	67.8	67.8	61.8	67.69
81.82	81.98	81.49	79.32	77.82	75.67	74.78	74.57	74.36	74.33	74.16	73.85	77.19

TEMPERATURE OF THE VERTICAL FORCE MAGNET.

54.7	56.0	56.3	56.8	57.0	57.5	58.0	58.4	58.8	58.8	59.0	58.9	56.14
56.0	56.3	56.8	57.3	58.0	58.4	59.0	59.6	60.0	60.2	60.4	60.4	58.01
57.6	57.8	58.6	59.2	59.8	60.4	61.0	61.2	61.2	61.4	61.3	61.2	59.37
58.8	59.3	60.0	60.5	60.8	61.0	61.2	61.3	61.5	61.3	61.2	61.0	60.10
58.4	58.2	58.2	58.4	58.8	59.4	59.6	59.8	60.0	60.2	60.2	60.2	59.31
59.2	60.0	60.7	61.5	62.6	63.8	64.5	65.2	65.7	65.8	65.0	63.7	61.22
56.2	56.3	56.9	57.5	58.0	58.2	58.8	59.2	59.4	59.6	59.6	59.8	58.44
57.2	57.2	57.2	57.4	57.6	58.0	58.1	58.3	58.5	58.8	59.0	59.0	58.16
57.0	57.5	58.0	58.6	59.2	59.7	60.2	60.6	61.0	61.2	61.3	61.3	58.72
58.0	58.0	58.0	58.2	58.6	58.7	59.0	59.4	60.4	60.4	60.4	60.4	59.26
59.4	59.8	60.2	60.4	60.8	61.0	61.2	61.0	61.0	60.8	60.3	60.2	60.00
57.2	57.0	56.9	56.8	56.8	56.9	56.8	56.8	56.8	56.8	56.7	56.7	57.66
55.8	55.8	55.8	56.0	56.0	56.0	56.0	56.0	55.9	55.7	55.5	55.2	56.49
54.2	54.1	54.2	54.5	55.0	55.5	56.0	56.5	57.0	57.5	57.6	57.6	55.09
55.8	56.1	56.5	57.1	57.3	58.0	58.7	59.2	59.8	60.2	60.2	60.3	57.34
58.8	59.0	59.6	60.2	60.9	61.4	62.0	62.2	62.6	62.5	62.6	62.8	60.25
61.0	60.6	60.4	60.3	60.0	59.8	59.6	59.4	59.1	58.8	58.1	57.8	60.69
54.0	54.0	54.0	54.1	54.2	54.2	54.4	54.4	54.6	54.6	54.6	54.6	54.84
53.4	53.7	54.0	55.0	55.5	56.0	56.6	57.2	57.5	57.7	57.8	57.8	54.91
55.1	55.3	55.7	56.0	56.6	57.2	57.6	58.2	58.6	59.2	59.6	59.8	56.80
60.6	60.8	61.2	61.6	61.9	62.4	62.5	63.4	64.0	64.4	64.8	64.8	61.44
64.2	64.0	64.0	64.2	64.4	64.8	65.1	65.2	65.5	65.4	65.3	65.1	64.77
59.7	59.6	59.7	59.8	59.8	60.3	60.5	61.2	62.6	62.2	62.2	62.2	61.46
59.1	59.6	59.8	60.2	61.0	61.8	62.3	62.9	63.5	64.0	64.0	64.0	61.20
62.0	62.2	62.2	62.8	63.2	64.0	64.8	65.3	66.0	66.2	66.3	66.0	63.62
62.0	62.0	62.0	62.2	62.5	62.8	63.0	63.7	64.0	64.2	64.2	64.3	63.51
57.90	58.08	58.34	58.72	59.09	59.51	59.86	60.22	60.55	60.69	60.66	60.58	59.17

VERTICAL FORCE.													
One Scale Division = '000061 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah ^t . = '00021.													
Mean Göttingen Time. } }	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
DECEMBER.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
	1	66·2	67·0	66·8	65·0	66·9	69·3	72·0	75·0	73·6	71·2	71·2	76·1
	2	71·9	71·6	70·0	73·3	73·7	73·8	73·8	74·2	75·2	74·3	74·3	74·9
	3	70·0	71·3	71·0	73·9	75·0	75·4	74·3	74·2	—	74·2	75·3	76·4
	4	79·1	78·7	80·0	84·0	79·5	77·2	81·7	85·8	83·9	83·9	83·3	83·9
	5	78·0	77·8	77·8	—	—	—	—	—	—	—	—	—
	6	—	—	—	71·2	72·0	73·2	70·7	73·5	71·2	71·1	72·3	74·9
	7	69·3	70·0	71·0	71·0	72·2	74·6	75·1	75·6	73·1	72·7	74·7	76·5
	8	69·2	70·9	69·9	71·1	71·0	71·1	71·4	71·7	71·8	70·4	70·4	73·2
	9	56·5	56·5	57·1	58·9	58·8	59·4	58·8	57·3	60·4	61·7	63·0	63·3
	10	52·3	50·4	54·8	52·9	—	52·9	53·3	55·1	55·1	56·4	56·4	56·8
	11	52·2	53·7	55·5	50·0	58·1	59·0	59·8	60·3	—	60·5	60·9	59·4
	12	53·7	53·7	53·5	—	—	—	—	—	—	—	—	—
	13	—	—	—	—	63·6	63·6	65·3	65·2	68·4	68·5	65·4	63·4
	14	71·6	71·2	70·8	70·7	71·7	71·6	71·6	71·6	71·6	72·2	70·7	71·6
	15	70·3	70·3	69·8	68·8	69·3	69·3	70·6	70·6	69·9	70·4	70·2	72·1
	16	75·0	75·0	76·7	a	77·4	78·0	78·6	77·7	77·4	79·1	80·3	79·3
	17	71·4	71·5	72·6	72·7	72·8	72·8	72·7	75·0	74·1	73·9	77·8	77·0
	18	70·5	70·5	70·5	70·9	73·5	73·0	73·6	72·3	73·8	74·1	78·7	77·9
	19	74·8	75·3	76·5	—	—	—	—	—	—	—	—	—
	20	—	—	—	75·4	75·4	75·8	76·3	76·3	80·8	80·8	80·8	80·8
	21	64·4	68·8	68·8	68·8	69·8	70·3	70·5	70·5	70·3	69·7	69·9	70·7
	22	57·0	58·3	56·5	56·5	61·1	61·7	62·2	64·2	—	64·0	67·0	71·5
	23	70·0	64·5	66·7	67·5	63·8	57·4	72·4	68·1	66·0	68·0	69·4	72·4
	24	67·5	66·6	65·4	—	—	—	—	—	—	—	—	—
	25	—	—	—	66·3	62·6	64·7	67·6	66·8	69·3	68·9	65·5	64·0
	26	70·2	71·1	69·2	—	—	—	—	—	—	—	—	—
	27	—	—	—	72·3	74·8	74·8	74·2	73·7	74·8	73·4	74·2	73·3
	28	62·9	65·4	62·4	63·3	67·8	69·2	68·4	68·6	69·5	72·0	72·6	73·4
	29	64·5	65·0	64·8	65·4	66·2	65·2	67·3	67·3	67·3	65·3	65·3	67·4
	30	66·7	66·7	65·5	66·4	67·8	67·8	67·8	67·8	68·4	69·0	70·3	70·1
31	60·0	61·2	61·8	62·3	62·0	62·8	63·4	63·7	63·8	63·8	63·8	64·3	
Hourly Means	66·74	67·04	67·13	67·44	69·07	68·61	69·75	70·08	70·86	70·36	70·91	71·75	
TEMPERATURE OF THE VERTICAL FORCE MAGNET.													
DECEMBER.	1	64·4	64·0	63·8	63·5	63·1	62·8	62·5	62·1	61·6	61·2	61·0	61·0
	2	62·8	62·3	62·2	62·0	61·7	61·4	61·2	60·8	60·6	60·3	60·1	60·2
	3	62·4	62·1	62·0	61·7	61·2	61·0	60·7	60·3	—	59·8	59·8	59·4
	4	58·5	58·0	57·5	57·2	56·9	56·3	56·0	55·7	55·2	55·2	54·8	54·8
	5	58·1	58·0	58·0	—	—	—	—	—	—	—	—	—
	6	—	—	—	62·1	61·8	61·6	61·2	60·9	60·3	60·0	60·0	59·8
	7	63·2	63·0	62·9	62·5	62·0	61·5	61·4	61·0	60·4	60·0	59·8	59·8
	8	62·4	62·0	61·8	61·6	61·2	61·0	60·6	60·1	59·8	59·6	59·4	59·4
	9	67·7	67·7	67·6	67·5	67·2	66·8	66·5	66·5	66·2	65·8	65·8	65·8
	10	71·0	71·2	71·2	71·0	—	70·4	70·3	70·0	69·6	69·4	69·2	69·5
	11	72·6	71·9	71·7	71·2	70·6	70·2	69·8	69·4	—	68·3	68·0	68·0
	12	70·5	70·8	70·4	—	—	—	—	—	—	—	—	—
	13	—	—	—	—	66·0	65·3	65·1	64·8	64·5	64·2	63·8	63·5
	14	62·3	62·1	62·0	61·8	61·6	61·4	61·0	61·2	60·8	60·6	60·5	60·6
	15	63·0	63·0	62·8	62·6	62·6	62·4	62·2	62·0	61·9	61·8	61·8	61·8
	16	61·8	61·3	60·8	—	59·8	59·5	59·0	59·0	59·2	59·5	58·6	58·5
	17	62·4	62·4	62·2	62·0	61·8	61·2	61·4	61·1	60·7	60·2	60·0	60·0
	18	63·2	62·8	62·5	62·2	62·2	61·6	61·3	61·0	60·5	60·2	60·0	59·9
	19	58·8	58·8	58·4	—	—	—	—	—	—	—	—	—
	20	—	—	—	58·8	58·8	58·8	58·8	58·8	58·8	58·5	58·7	58·8
	21	62·8	62·5	62·2	62·2	62·2	61·9	61·7	61·4	61·0	60·8	60·7	60·9
	22	67·6	67·9	67·4	66·8	66·2	65·7	65·0	64·4	—	63·3	62·9	62·3
	23	64·0	64·0	63·7	63·2	62·8	62·2	61·9	61·5	61·1	60·8	60·8	60·8
	24	63·3	63·2	63·0	—	—	—	—	—	—	—	—	—
	25	—	—	—	64·7	64·6	64·2	64·2	64·0	63·0	63·2	63·5	63·4
	26	62·6	62·1	61·7	—	—	—	—	—	—	—	—	—
	27	—	—	—	59·8	59·8	59·8	59·7	59·5	59·3	59·2	59·2	59·3
	28	65·2	65·0	64·6	64·2	63·8	63·2	62·8	62·2	62·0	61·4	61·3	61·2
	29	66·2	66·1	65·8	65·4	65·2	65·0	64·4	64·4	64·1	63·8	63·5	63·3
	30	64·7	64·5	64·4	64·2	64·0	63·9	63·7	63·4	63·2	63·0	63·0	63·2
	31	67·2	67·1	66·9	66·8	66·3	66·1	65·9	65·6	65·4	65·0	65·0	64·8
Hourly Means	64·18	63·92	63·65	63·54	62·94	62·90	62·63	62·35	61·70	61·73	61·60	61·54	

* Vibrating.

VERTICAL FORCE.												
One Scale Division = .000061 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah°. = .00021.												
12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div. 75.4	Sc. Div. 72.7	Sc. Div. 71.8	Sc. Div. 73.3	Sc. Div. 71.8	Sc. Div. 67.7	Sc. Div. 67.3	Sc. Div. 68.5	Sc. Div. 65.4	Sc. Div. 71.3	Sc. Div. 71.9	Sc. Div. 68.9	Sc. Div. 70.26
75.2	73.0	71.4	70.2	66.7	68.9	72.0	69.4	70.0	71.2	70.3	70.3	72.07
80.3	80.3	80.5	78.4	76.6	74.8	75.6	77.5	77.0	77.7	82.9	78.5	76.13
86.8	87.1	84.7	80.7	74.5	68.5	69.8	73.3	75.5	77.2	78.2	77.8	79.80
—	—	—	—	—	—	—	—	—	—	—	—	72.80
76.2	79.0	79.0	76.1	74.2	72.1	69.5	67.3	66.9	67.9	67.7	67.7	73.18
80.4	82.3	80.6	—	69.5	69.5	69.5	70.7	71.9	71.9	71.9	69.2	67.18
74.1	73.1	71.0	68.6	65.5	60.8	60.4	59.5	58.5	57.1	56.5	55.1	59.37
64.0	71.4	69.4	65.3	60.0	57.0	58.5	58.8	55.4	50.3	51.9	51.2	52.43
52.3	49.2	50.0	54.0	52.1	49.8	49.2	49.4	49.2	50.2	53.5	50.7	56.73
59.0	58.4	59.4	56.3	55.2	53.2	55.3	51.7	—	60.9	55.9	53.2	65.22
—	—	—	—	—	—	—	—	—	—	—	—	70.99
62.1	62.3	67.0	68.3	68.7	68.9	68.0	68.7	68.5	70.2	71.5	71.6	70.62
72.7	74.8	74.7	73.5	71.5	69.9	69.8	68.3	67.2	67.3	67.3	69.9	75.59
74.6	83.6	73.6	69.5	67.0	65.0	66.0	67.6	69.4	70.7	72.3	73.9	73.15
79.3	79.8	78.9	75.7	73.7	71.4	71.7	71.0	70.1	70.5	70.9	71.1	74.45
76.9	78.7	80.4	77.3	74.8	69.8	67.0	68.5	68.0	70.9	68.1	70.8	73.65
78.4	78.4	79.7	78.8	74.8	72.2	73.2	74.2	74.4	74.5	74.4	74.4	67.20
—	—	—	—	—	—	—	—	—	—	—	—	65.19
77.7	75.6	75.2	72.7	68.3	67.4	66.4	67.1	67.4	67.8	66.5	66.6	69.29
73.7	76.6	75.1	73.9	67.2	61.0	61.0	59.3	57.9	58.8	58.8	57.0	67.57
72.8	73.5	74.3	71.5	67.3	65.9	63.5	65.3	63.6	65.3	66.8	69.6	71.04
73.3	83.3	77.5	74.4	74.4	70.0	67.3	68.4	66.8	68.6	69.2	63.6	67.47
—	—	—	—	—	—	—	—	—	—	—	—	65.94
66.5	66.7	75.9	73.2	73.7	70.5	67.5	67.8	65.7	67.3	62.1	69.6	65.38
—	—	—	—	—	—	—	—	—	—	—	—	64.29
75.6	75.6	75.6	73.0	69.5	70.9	68.0	64.5	65.0	64.1	64.4	62.7	68.78
75.5	75.5	72.0	69.8	66.2	66.2	66.0	64.1	63.1	62.6	62.3	60.5	—
68.6	69.8	69.8	66.2	66.8	63.0	64.0	61.9	62.4	65.6	66.7	66.7	—
71.5	71.5	70.3	66.2	64.2	60.6	57.8	57.7	58.0	59.2	58.9	58.9	—
65.6	69.0	68.8	65.6	65.2	65.4	66.4	65.9	64.9	65.4	64.6	63.3	—
72.63	73.89	73.77	70.90	68.44	66.17	65.79	65.63	65.69	66.29	66.36	65.88	68.78

TEMPERATURE OF THE VERTICAL FORCE MAGNET.												
61.0	61.2	61.5	61.7	62.3	62.6	62.8	63.2	63.3	63.1	63.1	62.9	62.50
60.4	60.6	61.2	61.3	62.6	62.4	62.6	63.2	63.1	63.0	62.8	62.8	61.73
59.2	58.8	58.8	58.8	58.7	59.0	59.0	59.0	59.1	59.1	58.9	58.7	59.90
54.8	54.8	55.0	55.2	55.7	56.1	56.7	57.3	57.8	58.0	58.0	58.1	56.40
—	—	—	—	—	—	—	—	—	—	—	—	61.11
59.8	60.0	60.3	61.0	61.7	62.2	63.2	63.2	63.4	63.3	63.5	63.3	61.16
59.7	59.4	59.3	—	60.8	61.0	61.0	61.3	61.4	62.0	62.2	62.4	62.14
59.4	60.0	60.5	61.3	62.2	63.2	64.2	65.0	65.8	66.4	67.0	67.5	67.62
66.0	66.4	66.4	67.0	67.4	68.2	68.8	69.5	69.9	70.5	70.6	71.0	71.17
69.8	70.0	70.7	71.2	71.7	72.2	72.8	72.9	73.1	73.3	73.5	72.8	69.83
68.0	68.3	68.7	69.2	69.0	69.5	69.8	70.4	—	70.4	70.5	70.8	64.34
—	—	—	—	—	—	—	—	—	—	—	—	61.54
63.4	63.2	62.8	62.8	62.8	62.5	62.3	62.5	62.4	62.1	62.1	62.0	62.82
60.8	60.8	60.8	61.0	60.8	61.6	61.8	62.2	62.5	62.8	62.8	63.1	60.15
62.2	62.2	62.8	63.2	63.9	64.3	64.2	64.2	64.0	63.5	63.2	62.2	61.60
58.5	58.9	59.0	59.4	59.8	60.2	60.6	61.4	61.8	62.1	62.3	62.4	60.55
60.1	60.3	60.8	61.1	61.7	61.8	62.2	62.7	63.0	63.0	63.0	63.2	60.09
59.5	59.4	59.2	59.4	59.5	59.8	59.8	59.8	59.9	60.0	59.9	59.6	62.97
—	—	—	—	—	—	—	—	—	—	—	—	64.19
59.0	59.6	60.0	60.5	61.0	61.5	62.1	62.2	62.6	62.8	63.0	63.0	62.50
60.9	61.2	61.6	62.2	63.0	63.7	64.8	65.4	66.1	66.8	67.4	67.8	63.65
62.3	62.2	62.2	62.2	62.8	62.9	63.2	63.4	63.6	64.0	64.0	64.0	61.27
61.1	61.2	61.3	62.0	62.7	62.8	63.2	63.5	63.8	63.9	63.8	63.7	63.48
—	—	—	—	—	—	—	—	—	—	—	—	64.60
63.4	63.3	63.3	63.5	63.7	64.0	64.0	64.0	64.0	63.8	63.3	63.0	64.98
—	—	—	—	—	—	—	—	—	—	—	—	63.90
59.7	60.0	60.5	61.2	61.8	62.3	62.9	63.2	63.7	64.1	64.5	64.5	—
61.2	61.5	61.9	62.3	63.0	64.0	64.2	65.0	65.5	65.8	66.0	66.2	—
63.2	63.3	63.6	64.0	64.2	64.4	64.8	65.0	65.2	65.3	65.0	65.0	—
63.4	64.0	64.6	65.3	66.0	66.3	67.0	67.3	67.5	67.7	67.7	67.5	—
64.7	64.5	64.3	64.2	64.2	64.2	64.1	64.1	64.2	64.2	64.3	64.5	—
61.60	61.73	61.97	62.34	62.81	63.18	63.54	63.88	63.87	64.27	64.32	64.31	62.93

January 21st and 22d. MAGNETICAL OBSERVATIONS.												
Mean Göttingen Time.		Angular Value of one Scale Division = 0'' 502.						DECLINATION.				
		10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
M.	s.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
0	0	66.9	66.9	72.2	79.2	85.0	90.3	91.7	92.0	90.8	89.2	86.0
5	0	67.8	67.5	72.9	79.0	85.6	90.4	91.8	92.0	90.8	89.4	86.8
10	0	67.2	67.5	73.2	79.4	86.0	90.7	91.7	92.0	90.8	89.3	86.5
15	0	67.2	67.8	74.0	79.8	86.5	90.8	91.5	92.0	90.3	89.2	86.1
20	0	67.2	68.7	74.2	80.3	86.9	91.1	91.2	92.0	90.0	88.9	85.9
25	0	67.3	69.1	74.5	81.5	87.9	91.0	91.5	91.8	89.6	88.7	85.7
30	0	67.1	70.0	75.0	82.0	87.0	91.2	91.2	91.8	89.2	88.2	85.2
35	0	66.9	70.4	75.2	82.3	88.6	91.2	91.8	91.8	89.2	88.0	85.0
40	0	66.8	71.0	75.9	83.1	89.1	91.7	91.8	91.4	89.3	87.9	84.8
45	0	66.9	71.0	76.3	83.6	89.5	91.8	91.8	91.2	89.3	87.8	84.5
50	0	66.8	71.4	77.3	84.1	89.9	91.8	91.8	91.2	89.4	87.6	84.2
55	0	66.8	71.9	78.2	84.6	90.3	91.3	91.8	91.0	89.3	87.2	84.0

M. s.		One Scale Division = .000176 parts of the H. F.						HORIZONTAL FORCE.				
		10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
2	30	42.0	36.0	40.0	39.0	34.0	33.2	36.8	37.5	43.2	44.8	53.7
7	30	41.7	43.5	41.7	38.9	34.0	33.3	37.2	37.2	44.0	45.6	54.3
12	30	41.3	43.2	41.3	38.0	34.0	33.3	37.5	37.0	45.9	45.2	54.3
17	30	40.9	43.1	40.9	37.6	34.0	33.3	37.7	37.2	45.6	45.2	54.4
22	30	40.6	42.7	40.3	37.2	34.0	34.0	37.5	37.2	46.3	46.8	54.2
27	30	40.1	42.8	40.0	36.9	33.9	34.5	37.8	37.7	46.4	49.0	54.2
32	30	39.6	42.5	39.7	35.9	34.0	34.8	37.8	38.3	46.2	50.6	54.1
37	30	38.7	42.0	39.7	36.0	33.9	34.8	37.4	40.2	46.1	51.2	53.7
42	30	38.3	41.3	39.3	35.7	33.9	35.0	37.0	40.7	46.2	51.8	53.2
47	30	38.0	41.0	39.1	35.8	34.0	35.8	37.5	41.5	46.0	52.2	53.2
52	30	37.6	40.8	39.3	35.8	33.9	35.8	37.2	42.7	45.7	52.5	52.6
57	30	37.2	40.4	39.2	34.7	33.9	36.0	36.8	42.7	45.1	53.0	52.2

Thermometer		59.7	59.8	59.9	60.1	60.6	61.1	61.7	62.2	62.6	63.1	63.3
M.	s.	Induction Inclinometer, one Sc. Div. = 0'' 502; p. = 4.8297; u. = 14° 22'.										
0	0	136.2	134.0	133.6	133.8	133.8	135.0	136.3	138.4	140.6	142.1	142.8
5	0	136.5	134.0	133.3	133.4	133.7	134.9	137.2	138.7	140.4	142.0	141.6
10	0	136.4	133.8	133.3	133.5	133.7	134.9	136.3	139.2	141.0	142.2	141.5
15	0	136.0	133.8	133.3	133.4	133.7	135.1	136.7	139.2	141.2	142.2	141.3
20	0	136.0	133.8	133.3	133.6	134.0	135.2	137.0	139.2	141.4	142.3	141.2
25	0	135.8	134.1	133.3	133.7	134.1	135.0	137.0	139.4	141.6	142.3	140.8
30	0	135.4	134.0	134.2	133.5	135.2	135.1	137.2	139.6	141.9	142.4	140.9
35	0	134.9	133.8	133.3	133.8	134.9	135.3	137.4	139.9	142.0	142.2	140.8
40	0	134.5	133.6	133.3	133.4	134.2	135.3	137.4	140.4	142.2	142.1	140.4
45	0	134.5	133.5	133.4	133.7	134.4	135.6	137.9	140.5	142.4	142.1	140.3
50	0	134.3	133.8	133.8	133.6	134.4	135.9	138.2	140.8	142.4	141.9	140.2
55	0	134.1	133.3	133.8	133.6	135.0	136.2	138.2	140.7	141.9	142.0	140.1

Thermometer		60.6	60.8	61.0	61.6	62.8	63.0	63.2	63.8	64.2	64.8	64.5
Increasing Numbers denote increasing easterly Declination.												

METEOROLOGICAL OBSERVATIONS.											
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.		
				Dry.	Wet.	Direction.	Force.				
D.	H.	M.	In.	°	°						
21	10	0	29.693	58.6	54.7	W. S. W.	Gentle.	0.9	Nearly overcast; cum.-strat.; a little rain.		
	11	0	29.719	58.9	55.0	S. W.	Light.	0.9	Nearly overcast; cum.-strat.; rain ceased.		
	12	0	29.739	59.8	54.6	W. by S.	Moderate.	0.8	Cum.-strat.; broken, and admitting sunshine.		
	13	0	29.751	62.2	55.0	W. S. W.	Light.	0.6	Cum., with gleams of sunshine; squally.		
	14	0	29.766	65.2	56.6	S. S. W.	Gentle.	0.6	Finer, and more settled appearance.		
	15	0	29.778	65.1	56.5	S. W. by W.	Fresh.	0.6	Masses of cum. passing rapidly from W.		
	16	0	29.795	66.0	57.3	S. W. by S.	Moderate.	0.6	Sky generally covered with massive cum.		
	17	0	29.805	68.0	56.5	S. S. W.	Gentle.	0.4	Sky much cleared; more settled appearance.		
	18	0	29.814	69.2	57.7	W.	Light.	0.5	Scattered cum.; sluggish and stationary.		
	19	0	29.814	73.1	58.3	W. by N.	Gentle.	0.4	Fine settled weather.		
	20	0	29.824	67.9	59.0	S. E.	Moderate.	0.5	Scattered cum. and cir.-cum.		
	21	0	29.863	65.0	58.5	S. E.	Gentle.	0.3	Scattered cum. and cir.-cum.		

MAGNETICAL OBSERVATIONS.													January 21st and 22d.	
DECLINATION.						Angular Value of one Scale Division = 0' 502.								
21h.	22h.	23h.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.		
Sc. Div. 84°0	Sc. Div. 82°3	Sc. Div. 82°9	Sc. Div. 83°0	Sc. Div. 82°9	Sc. Div. 83°2	Sc. Div. 82°9	Sc. Div. 82°1	Sc. Div. 81°6	Sc. Div. 81°8	Sc. Div. 82°0	Sc. Div. 80°8	Sc. Div. 76°2		
83°9	82°2	83°0	83°0	83°0	83°0	82°8	82°0	81°4	81°8	82°0	80°7	75°2		
83°2	82°1	82°7	83°0	83°0	83°2	82°7	—	81°3	81°9	82°0	80°5	74°8		
83°2	82°4	82°5	83°0	83°2	83°1	82°6	82°0	81°4	81°9	82°0	80°5	74°5		
83°2	82°8	82°3	83°0	83°2	83°0	82°3	82°0	81°3	81°9	82°0	80°0	74°2		
82°8	82°8	82°3	83°0	83°2	82°9	82°3	82°0	81°3	81°9	81°9	79°5	74°0		
82°4	82°8	82°5	83°0	83°3	82°8	82°2	82°0	81°2	82°0	82°0	79°0	74°0		
82°1	83°0	82°7	83°0	83°2	82°7	82°1	82°0	81°7	81°9	82°0	78°8	73°8		
82°1	83°1	82°8	82°8	83°2	82°6	82°1	82°0	82°0	82°0	82°0	77°5	73°5		
82°1	83°1	82°8	82°8	83°2	82°9	82°2	82°0	81°8	81°8	82°0	77°3	73°0		
82°3	83°0	82°8	82°8	83°2	82°9	82°1	82°0	81°8	81°8	81°6	77°2	72°8		
82°0	82°9	83°0	83°0	83°2	83°0	82°0	81°9	81°9	81°9	81°2	76°7	72°5		

HORIZONTAL FORCE.													Change in the Magnetic moment of the Bar for 1° Fah. = '000093.	
52°2	51°3	51°3	47°8	47°6	49°0	48°9	49°3	48°8	49°3	49°8	49°8	51°5		
52°1	51°3	51°4	48°2	48°2	49°8	49°0	50°0	48°9	49°1	49°9	50°2	51°8		
52°0	51°3	51°7	48°0	48°0	49°5	48°9	49°7	48°8	49°3	49°9	50°5	52°2		
52°2	51°3	51°3	48°0	47°8	49°3	48°8	49°5	48°8	49°2	50°2	50°3	52°0		
52°9	51°8	50°9	48°0	47°8	49°0	48°7	49°4	48°8	49°3	50°3	50°2	52°0		
52°9	51°7	51°0	47°8	48°0	48°6	48°4	49°4	48°9	49°7	50°2	50°2	52°0		
51°9	51°6	50°8	47°8	48°0	48°0	48°1	49°2	49°2	49°8	50°2	50°2	51°8		
51°9	51°9	50°5	47°8	48°0	48°0	48°3	49°1	49°2	49°8	50°2	50°3	51°8		
51°5	51°7	50°3	47°5	48°0	48°1	48°6	49°0	49°0	49°4	50°3	51°0	52°0		
51°6	51°5	49°3	47°2	48°0	48°2	48°3	48°9	49°1	49°2	50°3	51°2	52°0		
51°6	51°6	48°7	47°0	48°0	48°2	48°1	48°8	49°2	49°3	49°8	51°3	52°0		
51°3	51°6	47°7	47°0	48°5	48°8	48°7	48°8	49°3	49°8	49°3	51°3	51°8		
63°3	63°4	63°6	64°0	64°0	64°0	63°9	63°7	63°2	63°0	62°9	62°8	62°8		

Induction Inclinometer, one Sc. Div. = 0' 502; p. = 4° 8297; u. = 14° 22'.												
139°7	139°8	139°3	138°4	139°1	139°0	138°1	138°1	137°9	137°8	138°2	138°4	138°8
139°7	139°9	139°4	138°5	139°0	138°9	138°0	138°1	138°3	138°0	138°0	138°5	139°0
139°9	139°7	140°4	138°7	139°0	139°0	138°1	—	138°3	138°2	138°2	138°7	139°1
139°3	139°7	139°0	139°0	139°0	138°9	138°1	138°0	138°3	138°1	138°3	138°5	139°0
139°9	139°5	138°9	139°0	139°0	138°8	138°2	138°1	138°2	138°1	138°4	138°7	139°0
140°2	139°5	138°9	139°2	139°2	138°5	138°2	137°9	138°2	138°2	138°4	138°9	138°7
140°1	139°5	138°8	139°2	139°1	138°4	138°2	138°1	138°4	138°2	138°7	139°0	138°7
139°8	139°2	138°7	139°2	139°0	138°2	138°2	138°0	138°0	138°2	138°7	138°6	138°4
139°6	139°3	138°6	139°2	139°0	138°1	138°1	137°9	137°6	138°2	138°5	139°2	138°5
139°8	139°3	138°7	139°2	139°0	138°0	138°0	137°7	137°9	137°9	138°4	139°1	138°9
139°8	139°3	138°6	139°2	138°8	138°1	138°1	137°7	137°7	138°0	138°6	138°8	138°6
139°6	139°4	138°5	139°0	139°0	138°2	138°2	137°7	137°7	138°3	138°8	138°8	138°5
64°4	64°1	63°8	64°0	64°2	64°0	63°9	63°7	63°1	63°0	62°8	62°8	62°8

increasing Horizontal Force, and decreasing Inclination.

METEOROLOGICAL OBSERVATIONS.												
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.			
				Dry.	Wet.	Direction.	Force.					
D.	H.	M.	In.	°	°							
21	22	0	29°889	62°2	57°0	S.E.	Light.	0°3	Fine; settled.			
	23	0	29°899	59°5	55°0	S.E.	Light air.	0°3	Fine; settled; a few cum. hanging about.			
22	00	0	29°905	58°8	53°2	N.N.W.	Light.	0°2	Fine.			
	1	0	29°897	58°0	53°2	N.N.W.	Moderate.	0°3	Fine; a few cir.-strat. scattered to E.			
	2	0	29°887	58°0	53°2	N.N.W.	Fresh.	0°5	Straggling patches of cum.-strat. of gloomy appearance.			
	3	0	29°871	57°7	53°0	N. by W.	Moderate.	0°4	Sky covered with haze to N.; strat. and dark cum.			
	4	0	29°857	56°8	53°1	N. by W.	Light.	0°4	Hazy in N.W.; cir.-strat. and strat. in N.E.; Moon appearing.			
	5	0	29°841	56°5	52°5	N.N.W.	Gentle.	0°6	Sky more overcast with cir.-strat; hazy.			
	6	0	29°835	56°5	52°5	N.W. by N.	Gentle.	0°7	Stars hidden by thin cir.; wind rising with unsteady puffs.			
	7	0	29°839	57°0	52°7	N.W. by N.	Moderate.	0°7	Generally clouded; cum. to westward.			
	8	0	29°846	57°0	53°0	N.W.	Fresh.	0°8	Generally clouded; cum. to westward.			
	9	0	29°827	57°8	53°3	N. by W.	Strong.	0°9	Windy appearance in N.W.			

February 27th and 28th.			MAGNETICAL OBSERVATIONS.										
Mean Göttingen Time.			Angular Value of One Scale Division = 0''502.					DECLINATION.					
			10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
M.	S.		Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
0	0		74'3	71'0	68'4	69'2	77'0	88'2	97'2	101'1	99'3	93'4	89'0
5	0		74'2	70'7	68'1	70'0	78'2	88'8	98'2	101'0	99'0	92'6	89'0
10	0		74'2	70'7	67'7	70'5	79'0	89'0	99'0	101'3	98'8	92'1	88'0
15	0		73'4	70'4	67'3	71'1	80'0	89'8	99'2	101'3	98'0	91'9	88'0
20	0		73'4	70'1	67'4	71'9	80'6	90'8	99'8	101'3	97'8	91'5	88'0
25	0		73'2	70'2	67'8	72'6	81'4	91'3	100'3	101'8	97'2	90'8	88'0
30	0		73'1	69'4	68'1	73'1	82'2	92'3	100'8	101'3	96'6	90'6	87'9
35	0		72'8	69'1	68'3	73'8	83'0	93'2	100'8	101'2	95'1	90'0	87'6
40	0		72'3	68'9	68'7	74'8	83'4	94'2	101'0	101'0	95'6	89'6	87'2
45	0		72'1	68'8	68'6	75'4	84'6	95'1	100'9	100'5	95'0	89'0	87'2
50	0		71'7	68'2	68'6	75'8	85'8	96'0	101'0	100'3	94'0	88'8	86'8
55	0		71'3	68'2	69'2	76'6	86'2	96'8	100'9	100'0	93'6	89'0	86'8
			One Scale Division = '000176 parts of the H. F.					HORIZONTAL FORCE.					
M.	S.												
2	30		49'8	47'5	43'7	39'2	35'6	37'6	40'2	43'1	46'8	49'0	49'3
7	30		49'8	47'1	43'3	39'0	35'6	37'8	40'0	43'7	47'0	50'3	48'8
12	30		49'6	46'9	42'8	39'1	35'7	37'8	40'5	45'0	47'2	51'1	48'0
17	30		49'5	46'5	42'2	38'8	35'0	38'2	41'2	45'6	47'2	50'7	48'9
22	30		49'4	46'1	42'1	38'0	35'0	38'3	42'0	46'2	47'2	50'3	48'8
27	30		49'3	45'9	41'7	37'8	34'8	38'6	43'0	47'0	47'4	49'9	48'2
32	30		49'0	45'4	41'3	37'6	35'2	39'0	43'8	47'0	47'7	50'0	48'0
37	30		48'8	45'1	41'4	36'8	35'0	39'6	44'0	47'2	48'0	49'8	47'8
42	30		48'6	44'7	40'4	36'4	36'0	39'9	44'0	47'5	47'9	49'8	47'5
47	30		48'3	44'3	40'2	36'0	36'0	40'1	44'2	47'0	47'5	49'6	47'8
52	30		48'1	44'0	39'8	36'0	36'3	40'5	43'7	47'0	47'8	49'8	48'2
57	30		47'8	43'5	39'8	36'0	36'8	40'3	43'5	47'0	48'9	—	48'0
Thermometer			58'6	58'1	58'2	58'2	58'8	59'6	60'3	60'7	61'0	61'3	61'7
			Induction Inclinometer, one Sc. Div. = 0''502; p. = 4'8297; u. = 14°'22'.										
M.	S.												
0	0		134'4	132'9	130'5	129'0	127'6	129'8	132'0	134'3	135'4	136'5	136'2
5	0		134'3	132'5	130'3	128'4	127'0	129'4	131'8	134'4	135'2	136'5	136'2
10	0		134'2	132'3	130'2	128'3	127'4	130'0	132'0	135'1	135'2	137'0	135'7
15	0		134'1	132'3	130'0	128'3	127'4	130'0	132'0	135'4	135'3	136'9	135'3
20	0		134'0	132'2	129'8	128'5	127'8	130'1	132'6	135'7	134'2	136'7	135'5
25	0		134'0	132'1	129'5	128'2	127'8	130'2	133'7	135'7	135'3	136'5	135'8
30	0		133'9	131'8	129'4	127'9	128'0	130'6	133'7	136'2	135'6	136'5	135'3
35	0		133'5	131'5	129'4	127'8	128'2	130'9	134'1	136'0	137'0	136'4	135'1
40	0		133'6	131'3	129'3	127'5	128'4	131'1	134'1	136'0	136'0	136'4	135'2
45	0		133'4	131'2	129'2	127'3	128'6	131'5	134'3	136'2	135'9	136'4	135'0
50	0		133'1	131'0	129'2	127'4	128'8	131'5	134'4	135'8	136'1	136'2	135'2
55	0		133'1	130'9	129'0	127'4	129'0	131'7	134'2	135'4	136'0	136'3	135'1
Thermometer			58'9	58'4	58'7	59'4	60'6	61'6	62'2	63'0	62'7	62'8	63'0
Increasing Numbers denote increasing easterly Declination.													
METEOROLOGICAL OBSERVATIONS.													
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.				
				Dry.	Wet.	Direction.	Force.						
D.	H.	M.	I	°	°								
27	10	0	29'748	51'5	46'9	N. by W.	Strong.	0'9	Sky nearly overcast; cum.-strat.				
	11	0	29'740	53'0	48'2	N. by W.	Strong.	0'9	Sky nearly overcast; cum.-strat.				
	12	0	29'737	55'0	50'0	N.	Fresh.	0'8	Generally overcast; cum. and cir.-cum.				
	13	0	29'732	59'0	52'6	N.	Light.	0'9	Nearly overcast; rainy; cum.				
	14	0	29'701	63'2	55'2	N.	Gentle.	0'8	Watery cum. and cum.-strat., dispersed over sky.				
	15	0	29'683	65'6	56'0	N.	Moderate.	0'9	Watery cum. and cum.-strat., dispersed over sky.				
	16	0	29'672	68'2	58'2	N.N.W.	Gentle.	0'8	Watery cum., nearly covering the sky.				
	17	0	29'664	70'8	58'3	N.N.W.	Strong.	0'8	Watery cum., nearly covering the sky.				
	18	0	29'662	69'0	58'0	N.N.W.	Fresh.	0'8	Watery cum., nearly covering the sky.				
	19	0	29'668	67'3	57'4	N.	Gentle.	0'9	Cum. and cir.-cum., in masses.				
	20	0	29'668	65'9	56'2	N. by W.	Fresh.	0'6	Scattered cum., with blue sky intersecting.				
	21	0	29'656	64'2	56'0	N.N.W.	Gentle.	0'7	Scattered cum., with blue sky intersecting.				

* Up to this observation inclusive, the observations with the bifilar were taken half a minute earlier than the times specified.

MAGNETICAL OBSERVATIONS.												February 27th and 28th.	
DECLINATION.						Angular Value of One Scale Division = 0' 502.							
21h.	22h.	23h.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	
86.2	84.0	84.3	84.8	84.2	83.0	83.2	82.7	82.0	82.8	82.6	82.5	79.7	
86.3	84.0	84.3	84.7	84.0	83.0	83.0	82.5	82.6	82.6	82.8	82.5	79.2	
86.5	84.0	84.3	84.7	83.9	83.0	83.2	82.6	82.1	82.6	83.4	82.0	79.0	
86.8	84.5	84.3	84.6	83.8	83.2	83.0	82.6	82.2	82.8	83.0	82.2	78.8	
86.2	84.8	85.0	84.7	83.8	83.2	83.0	82.6	82.1	82.8	82.6	81.8	78.5	
86.3	84.8	85.2	84.9	83.8	83.2	83.0	82.8	82.5	82.9	82.6	81.8	78.5	
86.0	84.8	85.2	84.2	83.8	83.2	83.0	82.9	82.3	83.0	82.5	81.5	78.2	
84.8	84.8	85.2	84.6	83.8	83.0	83.1	83.1	82.4	82.8	82.5	81.5	78.0	
83.8	84.7	85.0	84.8	83.8	83.0	83.1	82.8	82.6	82.6	82.5	81.2	77.8	
83.8	84.8	85.0	84.2	83.8	83.2	82.7	82.4	82.6	82.8	82.5	80.8	77.3	
84.2	84.8	84.8	84.3	83.2	83.2	82.8	82.4	82.5	83.2	82.5	80.0	77.1	
84.8	84.3	84.8	84.2	83.0	83.2	82.6	82.3	82.2	83.0	82.5	80.0	77.0	

HORIZONTAL FORCE.												Change in the Magnetic moment of the Bar for 1° Fah. = '000093.	
48.2	49.5	49.3	48.4	47.8	47.1	47.0	47.6	48.7	49.2	49.0	50.0	48.6	
48.3	49.5	49.2	48.2	47.8	47.1	47.0	47.8	48.6	49.0	49.2	49.8	48.5	
48.5	49.8	49.2	48.2	47.8	47.0	47.1	48.0	48.9	48.8	49.6	49.6	48.5	
48.7	49.8	49.3	48.2	47.8	47.0	47.1	48.0	49.0	48.6	49.6	49.6	48.5	
48.2	49.8	49.1	48.2	47.9	47.0	47.2	48.0	49.4	48.4	49.7	49.6	48.5	
48.2	49.9	48.8	48.2	47.6	47.0	47.3	48.1	49.8	48.6	49.7	49.6	48.5	
48.2	49.8	48.4	48.2	47.3	47.2	47.6	48.1	50.0	48.8	49.7	49.2	48.5	
48.2	49.3	48.4	48.0	47.5	47.2	48.0	48.5	50.0	48.8	49.7	49.2	48.6	
49.1	49.5	48.4	47.8	47.5	47.0	48.1	48.7	49.6	48.8	49.5	49.3	48.6	
49.3	49.7	48.4	47.8	47.6	46.8	48.0	49.0	49.5	48.8	49.7	49.0	48.8	
49.7	49.3	48.4	47.8	47.4	46.9	47.6	49.0	49.4	49.0	49.7	49.0	48.7	
49.7	49.3	48.2	47.8	47.2	47.0	47.6	48.8	49.5	48.8	49.7	48.8	48.6	
61.8	62.0	62.3	62.8	63.0	63.0	62.9	62.6	62.0	61.6	61.6	61.7	61.7	

Induction Inclinometer, one Sc. Div. = 0' 502; p. = 4.8297; u. = 14° 22'.												
135.2	136.1	135.9	135.2	135.0	135.2	134.6	134.5	134.8	134.6	134.8	134.9	134.5
135.2	136.2	135.9	135.3	135.2	135.0	134.2	134.3	134.7	134.6	134.6	134.9	134.2
135.2	136.3	135.8	135.3	135.1	134.8	134.5	134.1	134.7	134.8	135.0	135.2	134.2
135.2	136.2	135.9	135.0	135.2	134.6	134.7	134.4	134.8	134.6	135.0	134.7	134.0
135.3	136.2	135.7	135.1	135.2	134.4	134.5	134.3	135.0	134.6	134.8	134.6	134.2
135.6	136.2	135.8	135.1	134.6	134.6	134.5	134.4	135.1	134.7	134.8	134.6	134.0
135.4	136.5	135.4	135.4	134.6	134.6	134.6	134.5	135.3	134.8	134.9	134.5	134.0
135.4	136.2	135.4	135.0	134.7	134.6	134.5	134.6	135.3	134.8	134.9	134.2	133.9
135.6	135.8	135.6	134.8	134.8	134.6	134.8	134.7	135.1	134.8	134.9	134.2	133.7
135.9	135.9	135.4	135.2	134.8	134.3	134.8	134.8	134.8	134.6	134.9	134.3	133.9
136.2	135.7	135.4	135.3	135.0	134.2	134.6	134.8	134.9	135.0	134.9	134.4	133.9
136.4	136.1	135.2	135.0	135.2	134.4	134.6	134.8	134.9	134.8	134.9	134.5	134.0
62.8	63.0	63.0	63.2	63.2	63.2	63.1	62.6	62.0	61.8	62.0	61.8	61.8

increasing Horizontal Force, and increasing Inclination.

METEOROLOGICAL OBSERVATIONS.											
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.		
				Dry.	Wet.	Direction.	Force.				
D.	H.	M.	In.	°	°						
27	22	0	29.677	62.0	55.5	N.N.W.	Light.	0.7	Watery cum. diffused; patches of blue sky.		
	23	0	29.689	61.2	55.2	N. by W.	Light air.	0.7	Sky generally covered with dark heavy cum.		
28	0	0	29.697	60.6	55.0	N. by W.	Light air.	0.9	Nearly overcast; a few drops of rain falling.		
	1	0	29.693	59.4	55.0	N. by W.	Light.	0.4	Clouds dispersing; stars appearing bright.		
	2	0	29.693	59.6	54.6	N. by W.	Moderate.	0.2	Dark cum. hanging about; stars bright.		
	3	0	29.715	58.4	57.0	N.W.	Gentle.	0.1	Sky almost cloudless; stars vapourous.		
	4	0	29.734	57.0	49.6	N.W. by N.	Moderate.	0.2	A few soft cum. clouds, otherwise clear.		
	5	0	29.739	55.8	49.5	N.W. by N.	Moderate.	0.4	Cum. in soft masses.		
	6	0	29.752	55.6	50.0	N. by W.	Light.	0.4	Dark cum. in masses.		
	7	0	29.754	55.2	50.2	N. by W.	Gentle.	0.5	Dark cum. in masses.		
	8	0	29.788	55.3	50.5	N.	Fresh.	0.7	Fine; windy looking sky.		
	9	0	29.808	55.2	50.3	N. by W.	Strong.	0.6	Fine; windy looking sky.		

March 18th and 19th.			MAGNETICAL OBSERVATIONS.										
Mean Göttingen Time.			Angular Value of one Scale Division = 0' 502.					DECLINATION.					
			10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
M.	S.		Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
0	0		81.5	75.8	72.8	74.8	80.3	89.9	94.8	95.2	93.8	90.0	87.0
5	0		79.7	73.8	73.0	75.0	81.0	90.2	94.8	95.3	93.6	90.0	87.2
10	0		79.5	73.8	73.8	75.8	81.8	90.9	94.9	95.3	93.0	89.8	86.8
15	0		79.8	73.8	73.8	76.2	82.5	91.3	94.9	95.5	93.0	89.6	86.6
20	0		79.2	73.4	73.6	77.0	83.3	92.0	95.0	95.3	92.6	89.2	86.6
25	0		78.2	73.6	73.2	77.0	83.9	92.5	95.1	94.9	92.2	89.0	86.6
30	0		78.2	73.3	73.6	77.8	85.0	92.8	95.2	94.8	91.8	89.0	86.4
35	0		77.4	73.2	74.0	77.8	85.3	93.2	95.3	94.4	92.0	88.2	86.4
40	0		77.0	73.0	73.6	78.0	86.0	93.6	95.5	94.2	91.4	88.8	86.3
45	0		76.8	72.8	73.8	79.0	86.9	94.0	95.6	94.0	91.1	87.8	86.0
50	0		76.0	72.9	73.7	79.8	87.9	94.4	95.2	94.0	90.6	88.0	85.9
55	0		76.2	73.0	74.0	80.0	88.8	94.8	95.2	93.9	90.2	87.4	86.0
			One Scale Division = .000176 parts of the H. F.					HORIZONTAL FORCE.					
M.	S.												
2	30		33.9	34.8	31.6	25.0	27.8	30.1	35.1	39.0	40.7	40.0	39.2
7	30		34.0	34.6	31.4	25.5	27.8	29.9	35.6	40.3	40.6	40.0	39.3
12	30		34.2	34.6	29.8	25.8	28.0	30.7	35.9	39.7	40.4	39.8	39.2
17	30		34.0	34.6	28.2	26.2	28.0	30.8	36.1	40.2	40.3	40.3	38.8
22	30		34.4	34.4	28.2	26.5	27.9	31.0	36.8	40.2	40.6	40.0	39.2
27	30		34.6	34.2	27.8	26.8	28.2	31.0	37.2	40.2	40.2	40.2	38.8
32	30		34.4	34.0	26.9	27.7	28.2	32.0	37.6	39.7	40.2	40.4	38.8
37	30		34.8	33.4	26.3	27.0	28.2	32.4	37.5	39.7	40.3	39.8	38.8
42	30		34.8	33.2	26.2	27.8	28.5	33.0	38.0	—	40.0	40.8	38.9
47	30		34.8	33.0	26.8	27.7	28.8	33.6	38.8	39.8	39.9	39.8	39.3
52	30		34.6	32.0	25.5	27.7	28.8	34.1	38.3	40.0	39.8	39.6	38.8
57	30		35.0	31.7	25.0	27.8	29.0	34.4	38.7	40.3	40.2	39.2	39.0
Thermometer			66.9	66.0	65.4	65.0	64.8	64.8	64.5	64.4	64.3	64.0	64.2
			Induction Inclinometer, one Sc. Div. = 0' 502; p. = 4.8297; u. = 14° 22'.										
M.	S.												
0	0		127.7	128.4	125.8	122.2	124.1	125.3	128.4	130.1	130.8	130.8	130.0
5	0		127.8	128.0	126.0	122.4	124.2	125.3	128.4	130.5	130.9	130.6	130.0
10	0		128.4	127.8	125.2	122.4	124.1	125.6	128.6	130.9	131.0	130.7	129.8
15	0		128.0	127.8	124.0	122.8	124.5	126.1	128.9	130.9	131.0	130.6	130.1
20	0		128.0	127.8	123.8	123.0	124.2	126.2	129.1	130.9	130.8	130.6	129.6
25	0		128.0	127.6	124.0	123.0	124.5	126.3	129.2	130.8	130.8	130.5	129.8
30	0		128.6	127.7	123.6	123.4	124.4	126.4	129.4	130.7	130.8	130.8	129.8
35	0		128.4	127.4	123.2	123.4	124.7	127.0	129.6	130.7	130.8	130.4	129.9
40	0		128.2	127.2	122.8	124.0	124.8	127.3	129.7	130.8	130.6	131.2	129.9
45	0		128.4	126.6	122.6	123.9	125.1	127.4	129.9	130.7	130.7	130.4	130.0
50	0		128.4	126.3	122.7	124.1	125.0	128.0	130.0	130.6	130.6	130.4	129.8
55	0		128.6	126.0	122.4	123.7	125.2	128.1	130.2	130.9	130.8	129.8	129.4
Thermometer			67.0	65.6	55.0	64.8	64.8	64.6	64.8	64.6	64.6	64.4	64.0
Increasing Numbers denote increasing easterly Declination.													
METEOROLOGICAL OBSERVATIONS.													
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.				
				Dry.	Wet.	Direction.	Force.						
D.	H.	M.	In.	°	°								
18	10	0	29.615	59.0	56.2	N.W.	Light air.	1.0	Thick weather; heavy rain; distant thunder.				
	11	0	29.642	57.6	56.2	N.W.	Light air.	1.0	Continued gloomy weather; occasional heavy rain.				
	12	0	29.690	56.2	54.2	N.W.	Moderate.	1.0	Gloomy; squalls of rain; occasional thunder.				
	13	0	29.721	57.0	54.8	N.W.	Gentle.	1.0	Overcast and gloomy; rain occasionally.				
	14	0	29.730	58.7	55.7	N.W.	Light.	1.0	Overcast and gloomy; occasional rain.				
	15	0	29.737	59.3	56.2	N.W.	Light.	1.0	Overcast and gloomy; rain recommencing.				
	16	0	29.750	59.7	56.8	N.W.	Light air.	1.0	Moderate showers; overcast and gloomy.				
	17	0	29.758	60.3	56.9	N.W.	Light air.	1.0	Overcast; sun occasionally appearing.				
	18	0	29.765	59.7	56.9	N.W.	Light air.	1.0	Thick, with rain.				
	19	0	29.777	58.6	57.2	N.W.	Light air.	1.0	Thick, with rain.				
	20	0	29.788	57.8	56.2	N.W.	Light air.	1.0	Thick, with misty rain.				
	21	0	29.796	56.7	55.7	N.W.	Light air.	1.0	Thick, with misty rain.				

MAGNETICAL OBSERVATIONS.													March 18th and 19th.	
DECLINATION.						Angular Value of one Scale Division = 0'' 502.								
21h.	22h.	23h.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.		
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.		
85°9	85°5	84°8	84°1	84°0	83°2	87°5	83°0	81°8	84°3	85°0	83°9	83°1		
85°9	85°6	84°2	84°2	84°0	83°2	85°8	82°8	81°8	84°5	84°9	84°0	83°0		
85°9	85°3	84°2	84°3	84°0	83°2	85°0	82°6	81°7	85°0	84°8	83°6	82°5		
85°9	85°5	84°5	84°1	83°9	83°3	84°2	82°8	81°7	87°2	84°5	83°7	82°0		
85°9	85°7	84°6	84°0	84°0	83°9	83°6	83°0	81°5	88°2	84°2	83°6	81°6		
85°9	85°7	84°3	84°0	83°8	84°8	83°0	83°3	81°5	88°5	83°8	83°4	81°9		
86°0	85°5	84°2	83°9	83°0	84°0	83°0	83°6	81°3	87°8	84°3	83°2	81°9		
86°0	85°2	83°4	84°0	83°0	86°0	83°4	83°0	81°8	87°2	84°5	83°0	82°1		
85°9	85°0	83°1	84°0	83°1	87°2	83°8	82°9	82°0	86°7	84°3	83°3	82°0		
85°9	84°8	83°1	84°0	83°1	86°2	84°0	82°5	82°6	86°2	84°3	83°2	82°0		
86°0	84°8	83°6	83°9	83°2	85°8	83°8	81°8	83°2	85°2	84°5	83°1	81°4		
85°8	84°8	84°1	83°9	83°2	87°0	83°8	81°8	84°2	85°0	84°1	83°0	81°0		
HORIZONTAL FORCE.						Change in the Magnetic moment of the Bar for 1° Fah°. = '000093.								
39°1	40°3	40°5	40°7	40°6	40°8	44°4	40°8	40°0	39°0	39°2	39°0	39°8		
39°1	40°2	40°3	40°8	40°7	40°6	44°6	40°4	39°3	39°2	39°2	39°0	39°8		
39°2	40°8	40°5	41°0	40°6	40°4	44°2	39°8	39°2	39°2	39°2	39°0	39°8		
39°5	40°8	40°5	40°8	40°6	40°4	43°8	39°8	39°2	39°2	39°5	39°4	39°4		
39°7	41°0	40°5	40°7	40°6	41°0	43°0	39°6	39°2	39°3	39°6	39°4	39°4		
39°8	41°0	40°6	40°6	40°6	40°8	42°3	40°0	39°2	39°2	39°7	39°5	39°4		
39°8	41°0	40°4	40°5	40°8	42°4	41°6	39°7	39°0	39°3	39°6	39°4	39°6		
40°6	41°0	40°4	40°3	40°9	43°4	41°6	40°2	38°8	39°5	39°4	39°4	39°2		
40°3	41°0	40°6	40°5	40°8	42°3	41°6	39°8	38°8	39°7	39°3	39°5	39°0		
40°3	41°0	40°5	40°7	40°7	41°8	41°4	39°8	38°8	39°8	39°2	39°5	38°7		
40°5	40°8	40°8	40°7	40°8	42°6	41°2	39°8	38°8	39°8	39°2	—	38°3		
40°5	40°8	40°8	40°7	40°7	44°2	41°0	39°8	—	39°5	39°0	39°3	37°9		
63°8	63°3	63°2	63°3	63°0	63°0	62°8	63°0	63°0	62°8	62°8	62°8	62°8		
Induction Inclinometer, one Sc. Div. = 0'' 502; p. = 4° 8297; u. = 14° 22'.														
129°5	130°5	130°4	130°8	130°3	130°6	133°3	131°0	130°2	130°1	130°4	130°1	130°2		
130°1	130°4	130°8	130°8	130°4	130°6	132°8	131°0	129°9	130°2	130°3	129°8	130°3		
129°6	130°7	130°8	130°7	130°4	130°6	133°0	130°8	130°0	130°4	130°2	130°1	130°5		
129°9	130°7	130°6	130°8	130°5	130°5	133°0	130°4	130°0	130°2	130°4	130°1	130°2		
130°1	130°5	130°6	130°8	130°4	130°5	132°8	130°4	130°2	130°2	130°2	130°3	130°2		
130°2	130°7	130°7	130°5	130°4	130°8	132°2	130°2	130°2	130°2	130°4	130°3	130°1		
130°2	130°9	130°5	130°5	130°6	130°8	131°5	130°6	130°1	130°2	130°4	130°4	130°2		
130°2	130°0	130°4	130°4	130°6	132°2	131°6	130°4	129°9	130°5	130°3	130°4	130°2		
130°2	131°0	130°4	130°4	130°7	132°2	131°6	130°4	130°0	130°5	130°3	130°4	130°2		
130°3	130°9	130°5	130°5	130°7	131°8	131°6	130°2	129°9	130°6	130°2	130°2	130°0		
130°2	130°7	130°6	130°6	130°8	131°8	131°6	130°2	130°0	130°8	130°2	130°3	129°8		
130°2	130°7	130°6	130°5	130°7	132°4	131°2	129°7	130°0	130°7	130°2	130°2	130°0		
63°8	63°3	63°5	63°0	63°0	63°0	63°0	63°0	63°0	63°0	63°0	63°0	63°0		
increasing Horizontal Force, and decreasing Inclination.														
METEOROLOGICAL OBSERVATIONS.														
Mean Göttingen Time.	Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.							
		Dry.	Wet.	Direction.	Force.									
D. H. M.	In.	°	°											
18 22 0	29°811	55°8	55°3	—	Calm.	1°0	Drizzling rain; dark gloomy sky.							
23 0	29°842	55°0	54°8	—	Calm.	1°0	Continued rain; dark gloomy sky.							
19 00 0	29°850	54°9	54°9	—	Calm.	1°0	Continued hard rain.							
1 0	29°856	55°1	55°0	—	Calm.	1°0	Continued rain.							
2 0	29°858	55°6	55°4	—	Calm.	1°0	Continued rain; very moderate.							
3 0	29°842	56°0	55°5	N.W.	Light air.	1°0	Continued rain.							
4 0	29°852	56°2	55°9	—	Calm.	1°0	Gloomy; heavy rain.							
5 0	29°836	56°6	56°0	—	Calm.	1°0	Gloomy; heavy rain.							
6 0	29°828	57°0	56°5	—	Calm.	1°0	Continued rain; occasionally heavy.							
7 0	29°833	57°2	57°0	—	Calm.	1°0	Very heavy rain; clouds broken.							
8 0	29°822	58°3	58°0	—	Calm.	1°0	Moderate rain.							
9 0	29°834	59°1	59°0	N.W.	Light air.	1°0	Gloomy; light rain.							

April 22d and 23d.			MAGNETICAL OBSERVATIONS.										
Mean Göttingen Time.			Angular Value of one Scale Division = 0'502.					DECLINATION.					
			10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
M.	S.		Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
0	0		116°0	113°2	113°1	117°2	116°6	126°0	129°0	131°4	—	127°3	125°8
5	0		115°6	112°4	112°8	117°8	117°8	126°3	130°0	131°3	130°3	127°2	125°8
10	0		115°1	111°9	113°4	118°2	118°2	127°2	130°6	131°3	129°9	127°1	125°8
15	0		115°5	111°8	113°8	119°4	118°5	126°2	130°8	131°2	129°8	127°0	125°6
20	0		114°8	111°8	114°4	118°8	119°0	126°4	131°0	131°2	129°8	126°8	125°6
25	0		115°0	111°7	114°6	118°2	120°4	125°6	131°2	131°3	129°5	126°5	125°6
30	0		114°4	112°0	115°0	118°4	122°3	126°0	131°7	131°5	129°2	126°2	125°6
35	0		114°0	112°0	114°9	117°0	123°3	126°7	131°8	131°5	129°0	126°2	125°4
40	0		114°0	112°4	115°3	115°0	124°0	127°2	131°7	131°3	128°7	126°0	125°4
45	0		113°5	113°5	115°4	115°8	124°7	128°0	131°3	131°3	128°0	125°9	125°3
50	0		114°1	114°3	115°4	116°4	125°0	128°5	131°5	131°0	128°0	125°8	125°3
55	0		114°6	113°6	116°6	116°4	125°7	129°0	131°3	131°2	127°8	125°8	125°2
			One Scale Division = .000176 parts of the H. F.					HORIZONTAL FORCE.					
M.	S.												
2	30		44°7	44°6	41°0	36°5	38°3	34°6	33°3	34°5	36°7	39°3	41°2
7	30		44°7	44°6	40°4	37°3	37°8	34°7	33°3	34°8	36°7	39°6	41°3
12	30		44°8	44°6	40°2	37°6	36°7	34°7	33°7	34°8	37°1	39°8	41°5
17	30		44°5	44°7	40°2	37°6	35°7	34°6	33°5	35°2	37°5	40°2	41°6
22	30		44°4	44°1	39°6	37°6	35°8	34°7	33°7	35°7	38°1	40°4	41°7
27	30		44°5	43°7	39°2	37°6	36°3	34°5	34°2	35°8	37°9	40°5	41°8
32	30		44°7	43°3	39°3	37°3	35°9	34°2	34°2	36°4	—	40°7	42°3
37	30		45°0	43°0	39°0	37°5	35°7	34°0	34°2	36°3	38°4	40°7	42°0
42	30		45°0	42°6	39°2	37°8	35°3	34°0	34°2	36°6	38°3	40°8	42°3
47	30		45°3	42°2	37°8	37°7	35°2	33°9	34°2	36°8	38°7	41°0	42°3
52	30		45°0	42°0	37°4	38°4	34°9	33°8	34°3	36°7	39°0	41°0	42°4
57	30		44°8	41°8	36°0	38°4	34°7	33°3	34°4	36°3	39°2	41°2	42°3
Thermometer			51°8	51°9	52°2	53°0	53°6	54°4	55°3	56°3	56°3	56°3	56°1
			Induction Inclinometer, one Sc. Div. = 0'502; p. = 4°8297; u. = 14°22'.										
M.	S.												
0	0		136°0	135°9	134°2	131°9	133°8	129°8	130°6	130°5	—	132°8	133°5
5	0		135°9	135°9	134°0	132°1	134°3	129°8	130°1	131°0	131°5	132°8	133°3
10	0		136°0	135°8	133°5	131°9	134°4	130°0	130°3	130°8	131°4	132°9	133°3
15	0		135°9	135°9	133°3	130°7	132°6	131°4	130°3	130°7	131°7	132°9	133°7
20	0		135°7	135°8	133°5	129°5	132°1	131°4	130°3	130°7	132°1	133°1	133°5
25	0		136°0	135°5	133°3	130°5	131°5	131°5	130°6	131°3	132°0	133°1	133°5
30	0		136°0	135°4	133°1	130°7	130°7	132°1	131°2	131°3	132°0	133°2	133°8
35	0		136°1	135°2	133°1	131°8	130°1	132°1	130°3	131°4	132°3	133°2	133°9
40	0		136°1	135°0	133°2	132°6	130°0	132°1	130°6	131°3	132°3	133°3	134°0
45	0		136°2	134°7	132°7	133°1	130°1	131°3	130°8	131°6	132°5	133°2	134°0
50	0		136°2	134°8	132°5	132°7	129°9	131°3	130°6	131°3	132°4	133°3	134°0
55	0		136°4	134°5	132°1	133°7	129°4	130°1	130°6	131°1	132°5	133°3	134°1
Thermometer			52°5	52°7	53°6	55°0	56°0	56°8	57°7	57°8	57°6	57°3	57°0
Increasing Numbers denote increasing easterly Declination,													
METEOROLOGICAL OBSERVATIONS.													
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.				
				Dry.	Wet.	Direction.	Force.						
D.	H.	M.	In.	°	°								
22	10	0	30°112	45°8	45°2	N.W.	Moderate.	0·2	Generally fine; a few hazy clouds.				
	11	0	30°121	48°2	47°2	N.W.	Moderate.	0·1	Generally fine; a few hazy clouds.				
	12	0	30°112	51°3	49°6	N.W. by N.	Moderate.	0·1	Generally fine; a few hazy clouds.				
	13	0	30°101	54°4	51°2	N.N.W.	Gentle.	0·0	Almost cloudless; a little haze.				
	14	0	30°082	56°5	52°5	N.N.W.	Gentle.	0·2	Cir., diffused over sky.				
	15	0	30°062	58°8	54°0	N.N.W.	Gentle.	0·3	Cir.; fine.				
	16	0	30°040	60°5	54°7	N.N.W.	Light.	0·4	Cir., much diffused; blue sky.				
	17	0	30°016	61°7	55°7	N.N.W.	Light.	0·4	Cir., much diffused; blue sky.				
	18	0	30°013	58°2	—	S.E.	Gentle.	0·5	Cir., cir.-cum., fleecy cir; fine.				
	19	0	30°004	55°5	52°9	S.E.	Moderate.	0·6	Cir., cir.-cum., fleecy cir; fine.				
	20	0	30°007	53°1	51°7	S.E.	Moderate.	0·9	Nearly overcast; light cum.-strat.				
	21	0	30°013	52°6	51°4	S.E. by S.	Light air.	1·0	Entirely overcast; cum.-strat.				

MAGNETICAL OBSERVATIONS.													April 22d and 23d.	
DECLINATION.													Angular Value of one Scale Division = 0'502.	
21h.	22h.	23h.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.		
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
125°0	124°6	124°0	124°1	123°8	123°8	123°9	124°0	124°2	124°0	123°8	123°5	122°8		
125°0	124°6	124°0	124°2	123°8	124°0	123°9	124°0	124°2	124°0	123°8	123°3	122°6		
125°0	124°5	124°5	124°2	123°8	123°7	123°9	124°0	124°2	124°0	123°8	123°7	122°6		
125°0	124°5	124°3	124°2	124°0	123°7	124°0	124°0	124°3	124°0	123°8	123°8	122°2		
125°0	124°6	124°0	124°2	124°0	123°8	124°0	123°8	124°4	124°0	123°8	123°6	122°0		
125°0	124°6	124°0	124°2	124°2	124°0	124°0	124°0	124°2	124°0	123°8	123°3	122°0		
125°0	124°5	124°2	124°0	124°2	123°9	124°0	124°0	124°3	124°0	123°7	123°3	122°0		
125°0	124°5	124°1	123°8	124°2	123°9	124°0	124°2	124°0	124°0	123°4	123°5	121°8		
125°0	124°3	124°2	123°8	124°0	123°9	124°0	124°0	124°0	124°0	123°6	123°6	121°6		
124°8	124°3	124°0	123°7	123°8	123°8	124°0	124°0	124°0	124°0	123°7	123°8	122°0		
124°9	124°3	124°0	123°8	123°8	123°9	124°0	124°2	124°2	123°9	123°5	123°8	122°2		
124°6	124°1	124°5	123°8	123°8	123°9	124°0	124°4	124°2	123°9	123°6	123°8	122°2		

HORIZONTAL FORCE.													Change in the Magnetic moment of the Bar for 1° Fah°. = '000093.	
42°3	43°0	44°9	44°4	45°0	44°6	44°6	44°7	45°0	45°6	45°8	45°3	47°8		
42°5	43°0	44°0	44°8	45°5	45°1	44°4	45°0	45°3	45°5	45°8	45°8	48°0		
42°6	43°4	44°0	44°8	46°0	44°7	44°5	45°2	45°4	45°5	45°9	46°0	48°0		
42°6	43°0	44°0	44°8	46°0	44°7	44°6	44°7	45°4	45°7	45°8	46°1	47°5		
42°6	42°6	44°0	44°5	46°0	44°7	44°6	44°4	45°3	45°7	45°7	46°0	47°8		
42°6	42°9	44°1	44°8	46°2	44°9	44°6	44°7	45°2	45°7	45°8	46°0	48°0		
42°7	43°0	44°1	44°5	46°2	44°9	44°7	44°7	45°2	45°7	45°5	46°0	48°2		
42°7	43°0	44°0	44°2	46°2	44°6	44°8	44°7	45°0	45°6	45°5	45°8	48°5		
43°0	43°3	43°8	44°0	46°0	44°5	44°5	44°7	45°0	45°6	45°8	46°0	48°5		
42°6	44°4	43°7	43°8	45°8	44°4	44°6	44°9	45°0	45°7	45°6	46°5	48°8		
42°6	44°6	44°0	44°2	45°8	44°5	44°6	45°0	45°4	45°8	45°3	46°8	48°8		
42°7	44°4	44°4	44°2	45°8	44°6	44°7	45°0	45°4	45°8	45°6	47°3	48°5		
56°3	56°2	56°6	56°7	56°6	56°5	56°6	56°6	56°3	56°0	55°8	55°7	55°8		

Induction Inclinometer, one Sc. Div. = 0'502; p. = 4°8297; u. = 14° 22'.												
134°1	134°5	135°3	135°7	135°3	135°0	134°6	134°6	134°9	135°0	135°1	135°0	134°8
134°1	134°5	135°1	135°7	135°6	135°1	134°4	134°9	134°9	135°1	135°1	135°3	135°8
134°2	134°6	135°0	135°7	135°6	134°7	134°4	134°7	134°9	135°0	135°1	134°7	135°8
134°1	134°6	135°0	135°2	135°6	134°6	134°6	134°8	134°8	135°0	134°9	135°1	135°7
134°1	134°2	135°1	134°9	135°6	134°7	134°8	134°6	134°9	135°1	135°1	134°7	135°7
134°1	134°3	135°1	134°9	135°4	134°7	134°7	134°8	134°9	135°1	135°0	135°0	136°1
134°1	134°4	135°0	135°1	135°7	134°8	134°7	134°7	134°8	135°1	135°0	135°0	136°3
134°1	134°4	135°5	135°1	135°7	134°7	134°7	134°6	134°9	135°1	135°1	134°9	136°3
134°1	134°6	134°9	134°8	136°3	134°7	134°6	134°7	134°9	135°1	135°0	135°0	136°3
134°1	134°8	135°0	134°7	135°9	134°6	134°7	134°8	134°9	135°1	135°0	135°1	136°3
134°2	134°4	134°9	134°6	135°5	134°6	134°6	134°9	134°7	135°1	134°9	135°5	136°4
134°5	135°1	135°3	135°1	135°3	134°6	134°7	134°7	134°9	135°1	134°5	135°6	136°4
57°0	57°0	57°1	57°4	57°2	57°0	57°0	56°8	56°6	56°3	56°2	56°1	56°0

increasing Horizontal Force, and decreasing Inclination.

METEOROLOGICAL OBSERVATIONS.												
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.			
				Dry.	Wet.	Direction.	Force.					
D.	H.	M.	In.	°	°							
22	22	0	30°008	52°1	50°7	S.E.	Light.	0°8	Sky clearing; patches of cum.			
	23	0	30°014	51°2	50°0	S.E.	Light air.	0°8	Cum. and haze; stars of first magnitude only visible.			
23	0	0	30°015	50°2	49°2	S.E.	Light air.	0°3	Sky much clearer.			
	1	0	30°026	48°4	47°8	S.E. by S.	Light air.	1°0	Overcast; gloomy.			
	2	0	30°017	48°2	48°2	E.N.E.	Light air.	1°0	Overcast; gloomy; soft cum.-strat.			
	3	0	30°027	48°7	48°4	N.E. by E.	Light air.	0°4	Sky clear to S., remainder gloomy.			
	4	0	30°025	47°6	47°3	N.N.E.	Light air.	0°1	Light cum. on horizon, otherwise clear.			
	5	0	30°026	47°0	46°6	N.N.W.	Light.	0°1	Soft cum. to N.W.; stars shining brightly.			
	6	0	30°008	46°2	46°2	N.N.W.	Light air.	0°2	Strat. to N.E.; remainder clear.			
	7	0	30°010	45°8	45°3	N.N.W.	Gentle.	0°2	Strat. to N.E.; remainder clear.			
	8	0	30°023	45°2	45°0	N.N.W.	Gentle.	0°2	Strat. to N.E.; remainder clear.			
	9	0	30°024	45°2	45°2	N.N.W.	Light.	0°6	Strat. to N.E.; remainder clear.			

May 29th and 30th.		MAGNETICAL OBSERVATIONS.										
Mean Göttingen Time.		Angular Value of one Scale Division = 0' 502.						DECLINATION.				
		10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
M.	S.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
0	0	130.7	129.0	130.5	129.2	131.0	133.0	136.5	138.2	139.0	137.0	134.5
5	0	130.8	128.8	130.4	129.4	131.9	132.6	136.8	138.7	138.2	137.8	134.0
10	0	130.2	128.8	130.4	129.4	131.0	133.7	137.2	138.5	138.7	136.8	134.0
15	0	130.3	128.6	129.8	129.8	131.1	133.9	138.2	139.0	138.7	136.2	133.6
20	0	130.0	128.8	128.8	129.4	131.2	134.2	138.6	139.2	139.2	135.8	133.4
25	0	129.8	128.8	128.8	129.6	131.3	134.5	139.7	139.8	140.0	135.3	133.2
30	0	129.2	128.7	129.5	130.0	132.0	134.8	140.0	139.6	139.8	134.8	135.0
35	0	129.0	128.5	129.2	130.2	132.0	135.1	139.4	139.6	140.2	134.8	135.0
40	0	128.8	128.2	129.1	131.0	132.0	135.4	138.8	138.9	139.8	134.3	135.4
45	0	128.5	128.8	129.0	130.3	132.8	135.4	138.3	139.0	138.2	134.2	135.8
50	0	128.5	129.0	129.2	131.3	132.5	135.7	138.1	138.9	137.8	134.3	135.0
55	0	128.8	129.2	129.0	132.1	132.7	135.5	137.7	139.0	137.8	134.5	133.8
		One Scale Division = .000176 parts of the H. F.						HORIZONTAL FORCE.				
M.	S.											
2	30	51.5	50.0	49.4	48.0	47.6	46.1	43.7	42.9	43.0	43.8	45.7
7	30	50.8	49.7	49.5	48.0	46.9	46.2	43.3	42.6	43.3	44.5	45.8
12	30	50.8	49.7	49.6	48.0	47.1	46.3	43.9	41.8	44.0	44.3	46.4
17	30	50.8	49.5	49.3	47.6	46.9	46.3	43.0	42.8	44.8	44.8	46.6
22	30	50.8	49.5	49.2	48.0	46.6	46.0	43.2	43.3	45.3	45.3	47.0
27	30	50.8	49.3	49.2	48.0	46.4	45.2	42.8	43.2	45.3	45.5	46.7
32	30	50.5	49.3	48.7	48.0	46.1	44.7	41.0	42.9	44.8	45.7	46.3
37	30	50.5	49.2	48.9	47.8	46.3	44.6	41.3	42.8	44.2	45.5	46.2
42	30	50.5	49.0	48.4	47.7	46.5	44.7	41.3	42.6	43.7	46.0	45.4
47	30	50.3	49.2	48.5	47.8	46.1	44.3	41.6	42.4	43.0	46.3	44.6
52	30	50.2	49.0	48.2	47.4	46.4	44.3	41.4	42.9	43.5	46.2	43.8
57	30	50.2	49.3	48.0	47.4	46.3	43.9	42.3	43.0	43.5	45.8	43.5
Thermometer		48.2	48.2	48.3	48.4	48.6	48.8	49.2	49.5	49.5	49.6	49.8
		Induction Inclinometer, one Sc. Div. = 0' 502 ; p. = 4' 8297 ; u. = 14° 22'.										
M.	S.											
0	0	130.2	129.9	129.6	128.9	128.8	128.1	127.1	125.8	127.1	127.8	128.6
5	0	131.0	130.1	129.7	128.7	127.8	128.3	126.8	126.5	126.9	127.8	128.9
10	0	130.2	129.7	129.7	129.1	128.4	127.7	126.9	126.6	127.4	127.8	128.9
15	0	130.3	129.5	129.3	128.7	128.4	128.3	127.1	126.3	127.6	127.9	129.1
20	0	130.1	129.4	129.3	129.7	127.9	128.0	126.7	126.8	128.1	128.1	129.2
25	0	130.1	129.5	129.3	128.9	128.2	127.9	126.9	126.9	128.7	128.4	129.3
30	0	130.1	129.2	129.5	129.1	128.1	127.9	126.5	127.0	128.3	128.6	129.1
35	0	130.1	129.4	129.3	129.0	128.0	127.6	125.8	126.9	128.2	128.6	128.9
40	0	130.1	129.4	129.1	127.9	128.0	127.5	125.5	127.2	127.6	128.9	128.5
45	0	130.1	129.3	129.1	128.6	128.1	127.5	125.8	127.0	127.2	128.9	128.1
50	0	129.9	129.1	129.3	128.0	128.2	127.5	125.9	127.1	127.3	129.1	127.8
55	0	129.9	129.4	129.1	127.0	128.4	127.2	125.7	127.1	127.4	128.9	127.7
Thermometer		49.3	49.7	49.7	49.8	50.2	50.6	51.0	51.0	51.0	51.0	51.0
Increasing Numbers denote increasing easterly Declination,												
METEOROLOGICAL OBSERVATIONS.												
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.			
				Dry.	Wet.	Direction.	Force.					
D.	H.	M.	In.	°	°							
29	10	0	29.392	45.2	41.8	W.N.W.	Moderate gale.	0.6	Scattered cum.			
	11	0	29.422	45.7	42.5	W.	Strong.	0.6	Scattered cum. ; increasing.			
	12	0	29.452	47.5	43.3	W. by N.	Moderate.	0.8	Much overcast.			
	13	0	29.469	48.4	45.0	N. by W.	Moderate.	0.9	Nearly overcast.			
	14	0	29.482	50.6	47.0	N. by W.	Light.	0.8	Nearly overcast ; cum.-strat. ; mild and fine.			
	15	0	29.495	51.9	47.7	N.	Light.	0.6	Cir.-cum. ; much blue sky seen.			
	16	0	29.510	53.0	48.2	N.	Light.	0.7	Cum. and cum.-strat. ; intermittent sunshine.			
	17	0	29.521	52.0	48.0	N. by W.	Light.	0.5	Sky less clouded.			
	18	0	29.553	52.5	47.5	N. by W.	Light.	0.4	Ragged cum. ; fine ; settled.			
	19	0	29.584	51.0	46.0	S.W.	Gentle.	0.4	Scattered cum. ; clear sky intervening.			
	20	0	29.619	49.0	45.4	S. by W.	Light.	0.3	Cir.-cum. to E. ; remaining sky clear and fine.			
	21	0	29.660	47.6	44.0	S.W. by W.	Light air.	0.2	Cum.-strat. and cir.-cum. ; otherwise clear.			

MAGNETICAL OBSERVATIONS.													May 29th and 30th.	
DECLINATION.													Angular Value of one Scale Division = 0'.502.	
21h.	22h.	23h.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.		
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
133.0	133.3	128.1	129.0	124.8	125.0	123.2	129.0	128.8	131.8	128.5	129.7	130.2		
132.1	131.8	129.5	128.9	124.0	123.1	122.0	129.2	128.8	130.4	129.0	130.7	130.8		
131.0	131.0	129.7	128.9	123.2	123.0	121.8	128.8	129.4	129.5	129.9	131.0	130.8		
128.6	130.5	128.0	129.3	123.8	123.8	122.0	129.6	130.4	129.5	129.5	130.3	130.8		
128.4	130.2	127.0	129.0	124.9	124.2	122.8	129.8	129.2	131.9	128.8	130.0	130.8		
128.0	130.1	127.0	128.8	125.3	125.2	123.3	130.2	129.2	134.6	129.5	130.2	130.8		
127.3	131.3	127.9	128.9	125.3	125.8	124.8	129.6	130.2	136.2	128.5	130.3	130.8		
128.5	132.0	128.5	128.8	126.1	126.2	125.3	129.0	131.3	135.0	128.0	130.3	131.2		
128.8	130.9	129.0	128.9	126.2	126.0	126.2	128.5	131.6	133.7	128.9	129.8	131.2		
129.2	128.1	129.3	128.0	126.5	124.8	127.8	128.0	132.8	133.2	129.6	130.7	131.2		
129.9	127.1	129.0	127.8	127.6	125.0	128.2	128.6	133.0	131.0	129.9	130.7	130.7		
132.8	127.6	129.0	126.3	127.7	124.5	129.7	129.0	133.6	129.0	129.3	130.0	130.5		

HORIZONTAL FORCE.													Change in the Manetic moment of the Bar for 1° Fah° = .000093.	
44.3	44.8	44.5	44.7	45.2	47.6	50.2	45.2	45.4	50.6	50.8	48.0	48.2		
42.8	43.7	43.0	44.5	45.6	49.2	50.8	45.2	45.5	50.6	50.4	48.0	48.4		
42.4	43.1	41.2	44.7	45.2	49.8	50.2	45.6	45.5	50.6	49.4	46.8	48.0		
42.8	43.3	40.9	44.4	45.2	48.5	49.8	45.6	45.7	51.2	49.0	47.5	48.6		
42.8	43.6	41.3	44.6	45.0	47.2	49.3	45.6	45.6	52.1	49.8	47.6	48.9		
42.8	43.7	42.0	44.9	44.3	46.3	48.2	45.6	45.3	52.7	49.7	48.9	48.6		
42.9	43.0	42.6	45.4	44.7	46.0	47.2	45.6	45.8	54.0	49.2	48.8	48.7		
42.9	42.3	44.0	45.5	45.0	45.7	46.4	45.7	46.3	54.8	48.9	48.5	48.7		
42.7	43.0	44.8	45.5	45.2	48.0	45.7	45.5	47.3	54.3	48.4	48.9	48.4		
43.0	43.5	44.6	45.5	46.2	48.8	45.8	45.3	48.4	52.7	48.2	48.8	48.6		
43.3	44.2	44.6	45.6	46.5	49.0	45.8	45.4	49.6	52.0	47.8	48.7	48.4		
44.3	45.2	44.5	45.3	47.0	49.5	45.2	45.4	50.4	51.3	47.9	47.9	48.2		
50.0	50.0	49.8	49.7	49.6	49.7	49.7	49.7	49.5	49.6	49.2	49.0	48.8		

Induction Inclinometer, one Sc. Div. = 0'.502 ; p. = 4.8297; u. = 14° 22'.													
127.9	126.8	128.0	127.7	127.5	128.7	129.7	127.6	128.1	130.9	131.1	129.2	129.4	
127.1	127.6	127.4	127.6	128.1	129.3	130.8	127.7	127.7	130.6	130.9	128.4	128.3	
127.9	127.2	126.4	127.5	127.9	130.1	130.8	127.9	127.9	130.8	130.3	129.1	129.0	
126.8	126.9	125.7	127.8	127.6	129.8	130.3	128.1	128.1	130.8	129.9	128.8	129.2	
126.7	127.3	125.6	127.7	127.6	129.5	130.1	128.3	128.1	131.2	130.1	128.6	129.3	
126.9	127.4	125.8	127.5	127.5	128.7	129.8	128.1	127.9	132.0	130.2	129.5	129.3	
126.8	127.2	126.2	127.7	127.8	128.1	128.8	128.1	127.9	132.5	130.0	129.8	129.4	
126.8	126.8	126.6	128.1	127.5	127.9	128.6	128.1	128.0	133.1	129.9	129.8	129.3	
126.5	126.5	127.4	128.2	127.8	128.9	128.1	128.2	128.9	133.3	129.6	129.3	129.4	
126.7	127.2	127.7	128.0	128.1	129.1	128.0	127.7	129.3	132.6	129.5	129.6	129.1	
127.0	127.3	127.5	127.5	128.3	127.7	128.1	127.7	130.1	131.9	129.2	129.9	129.3	
127.1	127.7	127.6	127.8	128.3	128.8	127.7	128.1	130.5	131.3	129.2	129.5	129.0	
51.0	51.0	50.8	50.4	50.4	50.6	50.7	50.7	50.4	50.4	50.0	50.0	49.9	

increasing Horizontal Force, and decreasing Inclination.

METEOROLOGICAL OBSERVATIONS.												
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.			
				Dry.	Wet.	Force.	Direction.					
D.	H.	M.	In.	°	°							
29	22	0	29.679	45.8	44.2	S. W.	Light.	0.3	A few masses of cum. to N., otherwise clear; starlight.			
	23	0	29.721	45.1	44.6	N. W.	Light air.	0.4	Masses of cum. to N.; Moon about setting.			
30	0	0	29.748	44.8	44.0	N. W. by W.	Light air.	0.8	Sky nearly covered with cum.			
	1	0	29.774	44.8	44.6	N. W. by W.	Light air.	0.8	Sky nearly covered with cum.			
	2	0	29.793	45.0	44.1	N. W. by W.	Light air.	0.7	Sky breaking; stars showing.			
	3	0	—	—	—	N. W. by W.	Light.	0.8	Overcast; a few stars visible in zenith.			
	4	0	—	—	—	N. W. by W.	Light.	0.7	Overcast; a few stars visible in zenith.			
	5	0	—	—	—	N. W. by W.	Light air.	0.0	Cloudless; bright starlight.			
	6	0	—	—	—	N. W. by W.	Light air.	0.0	Clear; no cloud visible.			
	7	0	—	—	—	N. W. by W.	Light.	0.0	Clear; cloudless.			
	8	0	—	—	—	N. W. by W.	Light air.	0.0	Clear and fine.			
	9	0	—	—	—	N. W. by W.	Gentle.	0.1	Clear and fine; cir. to the E.			

June 24th and 25th.		MAGNETICAL OBSERVATIONS.											
Mean Göttingen Time.		Angular Value of one Scale Division = 0' 502.						DECLINATION.					
		10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .	
M.	S.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
0	0	108'4	109'0	109'5	108'8	106'8	107'5	108'8	112'5	112'2	111'8	109'3	
5	0	108'5	109'6	109'3	110'4	107'0	107'9	109'0	111'7	112'0	111'4	109'5	
10	0	108'5	109'8	108'5	110'9	107'5	107'8	109'8	112'2	112'4	111'1	109'9	
15	0	108'4	110'2	108'7	109'4	107'8	108'2	109'7	113'2	112'2	111'1	109'9	
20	0	108'7	110'9	109'0	109'1	107'8	108'8	110'3	112'1	112'6	110'7	110'0	
25	0	108'8	111'4	109'0	109'0	107'6	108'5	110'7	112'0	112'6	110'6	109'9	
30	0	109'1	111'1	108'9	108'4	108'6	107'9	111'2	112'4	112'0	110'5	110'1	
35	0	108'9	111'3	108'6	107'6	109'0	108'0	111'0	112'3	112'4	110'2	110'2	
40	0	109'1	111'0	108'2	107'3	109'4	108'1	110'8	112'3	111'9	110'1	110'7	
45	0	109'3	110'7	108'2	107'0	109'4	108'2	111'3	112'5	111'8	110'0	111'0	
50	0	109'0	111'1	107'4	106'8	109'5	108'2	111'0	112'2	111'8	109'7	111'3	
55	0	109'0	109'9	108'2	106'4	109'0	108'5	112'0	112'3	111'8	109'5	111'4	
		One Scale Division = '000176 parts of the H. F.						HORIZONTAL FORCE.					
M.	S.												
2	30	48'4	49'2	49'7	49'6	48'4	46'2	44'8	43'3	44'0	46'0	46'8	
7	30	48'7	49'3	49'6	49'5	48'1	46'0	44'5	43'3	44'0	46'0	46'7	
12	30	48'7	49'8	49'5	49'8	48'0	45'8	44'5	44'0	44'0	46'1	46'8	
17	30	48'7	49'9	49'8	50'0	48'0	46'0	44'5	43'6	44'0	46'2	47'0	
22	30	48'6	50'0	49'9	49'6	47'8	45'6	44'1	43'7	44'8	46'4	47'0	
27	30	48'9	49'7	50'0	49'6	47'3	46'0	44'0	43'9	44'3	46'7	46'9	
32	30	48'3	49'7	49'7	49'2	47'3	45'7	44'2	44'0	44'7	46'7	46'5	
37	30	48'5	49'6	49'5	49'0	46'7	45'3	43'7	44'5	45'1	46'9	46'6	
42	30	48'3	49'4	50'0	49'0	46'7	45'2	43'6	44'6	45'2	47'0	46'8	
47	30	48'2	50'1	49'0	49'2	46'4	45'2	44'2	44'5	45'3	47'0	46'3	
52	30	48'3	49'3	49'7	49'0	46'5	45'2	43'8	44'4	45'4	46'8	45'7	
57	30	48'6	49'6	49'8	48'6	46'4	44'9	44'7	44'2	45'7	46'9	45'4	
Thermometer		46'2	46'4	46'4	46'4	47'0	47'5	47'8	48'8	49'2	49'1	49'1	
		Induction Inclinometer, one Sc. Div. = 0' 502 ; p. = 4'8297 ; u. = 14° 22'											
M.	S.												
0	0	127'3	127'5	127'8	127'4	127'6	126'0	127'4	126'9	127'2	127'8	128'4	
5	0	127'1	128'0	127'0	126'2	127'4	126'2	127'2	126'8	126'9	128'1	128'4	
10	0	127'3	128'0	127'8	126'6	127'3	127'0	126'7	126'5	127'3	128'5	128'3	
15	0	127'3	128'1	127'8	127'2	127'4	127'2	127'0	126'0	127'0	128'4	128'4	
20	0	127'5	128'0	127'9	127'5	127'1	126'4	126'8	126'7	127'2	128'4	128'5	
25	0	127'2	128'1	128'1	128'0	127'0	127'1	126'6	126'9	127'2	128'3	128'3	
30	0	127'5	128'1	128'0	128'0	125'8	127'6	126'7	126'9	127'5	128'6	128'3	
35	0	127'3	128'1	127'9	128'0	125'4	127'6	126'6	127'3	127'6	128'5	128'3	
40	0	127'4	127'9	127'8	127'8	124'8	127'4	126'7	127'3	127'7	128'5	128'1	
45	0	127'3	127'8	128'4	127'6	124'1	127'4	127'0	127'3	127'8	128'6	128'2	
50	0	127'1	128'2	127'8	127'8	124'1	127'4	126'7	127'4	127'7	128'5	127'8	
55	0	127'2	127'7	127'8	127'8	124'6	127'4	126'9	127'4	127'8	128'4	127'6	
Thermometer		47'3	47'7	47'8	48'4	48'8	49'4	50'1	51'0	50'9	50'7	50'6	
Increasing Numbers denote increasing easterly Declination.													
METEOROLOGICAL OBSERVATIONS.													
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.				
				Dry.	Wet.	Direction.	Force.						
D.	H.	M.	In.	°	°								
24	10	0	29'989	42'7	42'1	N.N.E.	Gentle.	0'2	Generally clear ; light cum. and haze.				
	11	0	30'001	44'1	43'0	N.N.E.	Gentle.	0'2	Generally clear ; light cum. and haze ; misty.				
	12	0	29'986	47'2	45'0	N. by E.	Fresh.	0'1	Clear ; fine ; haze on the ground.				
	13	0	29'986	50'0	46'0	N.N.E.	Fresh.	0'1	A few soft cum. ; clear.				
	14	0	29'975	51'6	47'6	N.N.E.	Moderate.	0'0	Clear ; bright sky.				
	15	0	29'941	52'8	48'1	N.N.E.	Fresh.	0'1	Nearly clear ; a few soft cum.				
	16	0	29'914	53'1	48'1	N.N.E.	Fresh.	0'2	Cir and cum. ; sun shining bright.				
	17	0	29'903	53'6	48'6	N.N.E.	Fresh.	0'4	Cir. and cum. spreading.				
	18	0	29'899	53'0	48'0	N.E. by N.	Moderate.	0'3	Lines of strat., with cir. and cir.-cum.				
	19	0	29'880	51'2	46'7	N.N.E.	Moderate.	0'4	Strat. in E. horizon ; light filmy cum. passing.				
	20	0	29'891	50'2	45'3	N. by E.	Strong.	0'4	Strat. scattered ; clear atmosphere.				
	21	0	29'886	48'8	44'8	N.N.E.	Strong.	0'2	Cum. in light patches.				

MAGNETICAL OBSERVATIONS.													June 24th and 25th.	
DECLINATION.											Angular Value of one Scale Division = 0° 502.			
21 ^h	22 ^h	23 ^h	0 ^h	1 ^h	2 ^h	3 ^h	4 ^h	5 ^h	6 ^h	7 ^h	8 ^h	9 ^h		
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.		
111° 8'	111° 2'	110° 8'	107° 8'	105° 5'	105° 0'	101° 0'	107° 2'	107° 4'	110° 4'	109° 8'	108° 9'	108° 5'		
111° 9'	111° 3'	111° 0'	108° 0'	105° 8'	102° 8'	100° 8'	107° 0'	106° 8'	110° 3'	108° 0'	108° 9'	108° 2'		
112° 1'	110° 7'	110° 8'	109° 0'	105° 2'	101° 8'	100° 6'	106° 4'	107° 2'	109° 8'	108° 9'	109° 1'	108° 3'		
112° 2'	111° 3'	110° 7'	108° 5'	105° 9'	100° 0'	100° 2'	106° 2'	108° 6'	109° 8'	109° 0'	109° 8'	108° 5'		
112° 2'	111° 8'	110° 3'	107° 8'	105° 7'	99° 6'	100° 0'	106° 6'	109° 0'	110° 1'	109° 8'	109° 3'	108° 6'		
112° 1'	112° 2'	109° 8'	107° 2'	104° 7'	100° 2'	101° 2'	107° 2'	109° 4'	111° 4'	110° 1'	109° 0'	109° 0'		
112° 1'	112° 2'	109° 5'	108° 0'	105° 7'	102° 2'	102° 6'	107° 4'	110° 1'	111° 8'	109° 7'	108° 0'	110° 1'		
111° 6'	112° 2'	109° 7'	108° 2'	106° 0'	103° 6'	103° 0'	107° 2'	110° 4'	111° 9'	109° 7'	107° 8'	108° 0'		
111° 4'	111° 9'	109° 8'	108° 0'	105° 4'	103° 4'	103° 2'	107° 4'	110° 4'	112° 2'	108° 3'	108° 3'	107° 4'		
110° 9'	111° 5'	109° 4'	107° 2'	105° 8'	103° 2'	103° 6'	107° 0'	110° 4'	111° 3'	108° 9'	108° 4'	108° 0'		
111° 0'	111° 0'	109° 0'	106° 3'	105° 4'	103° 6'	105° 0'	107° 8'	110° 6'	111° 0'	109° 3'	109° 0'	108° 2'		
110° 4'	111° 0'	109° 1'	106° 0'	105° 3'	101° 6'	106° 8'	107° 8'	110° 6'	111° 3'	109° 2'	109° 5'	108° 6'		

HORIZONTAL FORCE.													Change in the Magnetic moment of the Bar for 1° Fahr. = °000093.	
44° 9'	41° 8'	42° 8'	45° 7'	44° 8'	47° 0'	43° 2'	41° 8'	44° 0'	45° 0'	45° 1'	45° 0'	46° 7'		
45° 0'	40° 8'	44° 3'	45° 3'	44° 5'	43° 6'	42° 8'	42° 2'	43° 4'	45° 0'	46° 0'	45° 3'	46° 7'		
44° 9'	40° 7'	44° 3'	45° 8'	46° 3'	43° 2'	42° 6'	43° 0'	43° 5'	45° 0'	45° 8'	46° 0'	46° 8'		
44° 8'	39° 9'	44° 5'	46° 1'	48° 1'	42° 6'	42° 4'	43° 4'	43° 4'	45° 2'	45° 8'	45° 7'	46° 6'		
44° 6'	39° 5'	44° 5'	45° 8'	50° 2'	44° 0'	42° 0'	43° 7'	43° 4'	45° 2'	45° 9'	46° 1'	46° 6'		
44° 6'	40° 2'	44° 2'	45° 5'	52° 1'	44° 2'	42° 2'	43° 6'	43° 7'	44° 8'	45° 6'	46° 2'	46° 9'		
44° 2'	41° 3'	45° 0'	46° 2'	53° 3'	45° 0'	42° 2'	43° 3'	43° 9'	44° 2'	45° 9'	46° 9'	45° 7'		
44° 1'	42° 6'	45° 2'	46° 7'	51° 8'	44° 4'	42° 2'	43° 2'	44° 0'	43° 9'	45° 3'	47° 4'	45° 8'		
43° 5'	43° 2'	46° 5'	46° 7'	50° 8'	44° 8'	42° 3'	43° 2'	44° 2'	44° 1'	45° 0'	46° 9'	46° 3'		
42° 9'	44° 2'	46° 3'	46° 2'	49° 2'	45° 2'	42° 4'	43° 4'	44° 4'	44° 6'	45° 8'	47° 3'	46° 3'		
42° 9'	44° 7'	46° 5'	46° 0'	47° 8'	43° 6'	42° 5'	43° 7'	44° 8'	44° 6'	45° 8'	47° 6'	46° 6'		
42° 3'	45° 7'	46° 0'	45° 2'	46° 7'	43° 3'	42° 2'	43° 8'	44° 8'	45° 0'	45° 3'	46° 9'	46° 3'		
49° 3'	49° 3'	49° 7'	49° 8'	49° 8'	50° 0'	50° 0'	50° 0'	50° 0'	50° 1'	50° 1'	50° 0'	50° 0'		

Induction Inclinometer, one Sc. Div. = 0° 502; p. = 4° 8297; u. = 14° 22'.

127° 2'	125° 7'	128° 0'	127° 6'	127° 1'	127° 8'	126° 8'	125° 4'	126° 6'	127° 4'	127° 7'	127° 0'	129° 2'
127° 2'	125° 5'	126° 0'	127° 4'	126° 8'	127° 6'	125° 8'	125° 6'	126° 4'	127° 3'	127° 6'	127° 4'	128° 3'
127° 1'	125° 1'	126° 9'	127° 4'	127° 4'	126° 7'	126° 0'	126° 0'	126° 4'	127° 5'	127° 7'	127° 9'	128° 3'
127° 4'	125° 0'	126° 9'	127° 4'	127° 8'	125° 4'	126° 2'	126° 4'	126° 4'	127° 6'	127° 9'	127° 8'	128° 1'
127° 3'	124° 1'	127° 0'	127° 6'	128° 9'	125° 4'	125° 4'	126° 2'	126° 4'	127° 6'	127° 8'	128° 1'	128° 2'
127° 0'	124° 4'	127° 1'	127° 6'	130° 1'	126° 4'	125° 4'	126° 4'	126° 4'	127° 4'	127° 7'	128° 0'	128° 3'
127° 1'	124° 5'	127° 3'	127° 6'	131° 2'	126° 6'	125° 2'	126° 4'	126° 4'	127° 0'	127° 8'	127° 7'	128° 4'
126° 9'	125° 4'	127° 2'	127° 8'	131° 4'	126° 6'	125° 6'	126° 2'	126° 8'	126° 7'	127° 8'	127° 4'	127° 4'
126° 7'	125° 7'	127° 4'	127° 8'	130° 6'	126° 8'	125° 4'	126° 2'	127° 2'	126° 6'	127° 6'	128° 3'	127° 9'
126° 6'	126° 3'	128° 0'	127° 6'	129° 8'	127° 0'	125° 4'	126° 2'	127° 2'	127° 1'	127° 5'	128° 4'	128° 2'
125° 6'	126° 6'	127° 8'	127° 7'	129° 2'	126° 8'	125° 6'	126° 6'	127° 0'	127° 1'	127° 6'	128° 5'	128° 5'
126° 2'	127° 1'	128° 1'	127° 3'	128° 7'	126° 2'	125° 4'	126° 6'	127° 0'	126° 3'	127° 6'	128° 5'	128° 3'
50° 6'	50° 7'	50° 9'	51° 0'	51° 0'	51° 0'	51° 0'	51° 2'	51° 2'	51° 0'	51° 0'	51° 2'	51° 1'

increasing Horizontal Force, and decreasing Inclination.

METEOROLOGICAL OBSERVATIONS.

Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.
D.	M.	H.		Dry.	Wet.	Direction.	Force.		
24	22	0	29° 862	48° 8'	45° 0'	N.N.E.	Strong.	0° 6'	Cum.-nimb. and cum.-strat.
23	0	0	29° 863	48° 8'	45° 1'	N.N.E.	Moderate.	0° 8'	Sky generally covered with watery cum.
25	0	0	29° 865	48° 8'	45° 2'	N. by E.	Fresh.	0° 9'	Gloomy; sky almost covered with cum.
	1	0	29° 859	48° 5'	45° 3'	N. by E.	Moderate.	1° 0'	Sky covered with a dense cloud.
	2	0	29° 849	48° 8'	45° 4'	N.	Moderate.	1° 0'	Overcast, with one unbroken cloud.
	3	0	29° 825	48° 8'	45° 6'	N. by E.	Moderate.	0° 8'	Nearly overcast; a few stars visible.
	4	0	29° 811	48° 6'	45° 4'	N. by E.	Gentle.	0° 3'	Sky much clearer, but a watery haze prevailing.
	5	0	29° 813	48° 6'	45° 2'	N. by E.	Fresh.	0° 9'	Dark cum. spread over the sky; stars dimly visible.
	6	0	29° 797	48° 6'	45° 2'	N.	Strong.	1° 0'	Gloomy and overcast.
	7	0	29° 783	48° 0'	45° 2'	N.	Strong.	0° 8'	Generally overcast; a few stars showing dimly.
	8	0	29° 763	48° 8'	45° 1'	N.	Strong.	0° 7'	Sky nearly all covered with cum.-strat.
	9	0	29° 755	49° 7'	45° 7'	N.N.W.	Moderate.	0° 6'	Sky nearly all covered with cum.-strat.

July 22d and 23d.			MAGNETICAL OBSERVATIONS.										
Mean Göttingen Time.			Angular Value of one Scale Division = 0' 502.					DECLINATION.					
			10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
M.	S.		Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
0	0		108°0	107°6	106°8	104°8	105°8	109°1	110°3	111°2	113°5	113°6	113°0
5	0		108°2	107°6	106°2	104°9	105°8	108°3	110°9	111°4	113°8	113°4	113°0
10	0		108°0	107°6	106°0	105°2	106°2	108°1	111°1	111°9	114°0	113°4	113°2
15	0		108°4	107°6	105°8	104°9	106°0	108°5	110°4	112°2	114°2	113°0	113°0
20	0		108°6	108°0	105°6	104°8	106°7	109°1	110°4	112°4	114°8	112°8	112°8
25	0		108°6	107°2	105°6	105°0	107°1	109°2	110°5	112°7	114°2	113°0	112°4
30	0		108°4	106°8	105°2	104°9	106°9	108°8	111°7	113°0	114°6	112°8	112°5
35	0		108°4	107°0	105°3	104°9	106°9	108°5	112°2	113°2	114°2	112°6	112°2
40	0		108°2	107°2	105°0	104°9	109°1	108°8	112°3	113°2	114°0	112°8	112°5
45	0		108°0	107°0	105°0	105°1	108°8	109°3	111°0	113°2	113°8	112°6	112°5
50	0		107°8	107°0	105°0	105°2	108°8	110°1	110°8	113°2	114°0	112°8	113°2
55	0		108°2	105°8	105°0	105°3	109°1	110°5	110°9	113°2	113°8	112°8	113°6
			One Scale Division = '000176 parts of the H. F.					HORIZONTAL FORCE.					
M.	S.												
2	30		52°0	52°5	52°6	50°8	48°3	44°7	45°0	44°4	45°6	45°8	44°6
7	30		51°4	52°4	52°0	50°6	47°9	44°6	44°6	44°4	46°2	45°8	45°0
12	30		51°6	52°4	52°0	50°3	47°6	44°7	44°1	44°5	46°2	45°8	44°8
17	30		51°5	52°5	52°0	50°0	47°7	44°4	43°8	44°7	46°8	45°4	44°8
22	30		51°4	52°6	52°0	49°8	47°2	44°6	44°4	44°9	46°0	45°3	44°7
27	30		51°4	52°4	52°0	49°6	46°3	44°5	44°9	45°1	45°8	45°2	45°0
32	30		51°8	52°8	51°8	49°5	45°7	44°3	45°0	45°2	46°0	45°2	44°9
37	30		52°0	52°8	51°6	48°7	46°2	44°5	43°4	45°1	45°8	45°0	45°5
42	30		52°3	52°6	51°8	48°8	45°2	44°4	42°7	45°0	45°8	44°8	45°6
47	30		52°0	52°7	51°4	48°6	45°0	44°8	43°4	45°2	46°0	44°8	45°8
52	30		52°2	52°0	51°4	48°6	44°8	44°9	43°8	45°2	46°0	44°4	45°8
57	30		52°2	52°7	51°0	48°6	44°7	44°9	44°2	45°5	46°2	44°6	45°7
Thermometer			45°2	45°2	45°3	45°3	45°4	45°7	46°6	47°0	47°3	47°6	48°0
			Induction Inclinometer, one Sc. Div. = 0' 502; p. = 4° 8297; u. = 14° 22'.										
M.	S.												
0	0		128°2	128°4	128°3	127°2	125°7	122°6	126°3	126°0	126°6	126°9	125°6
5	0		127°6	128°8	128°4	127°2	125°8	123°4	126°4	126°2	126°8	126°4	125°8
10	0		128°0	128°6	128°2	126°2	125°6	124°3	126°3	126°2	127°0	126°8	125°8
15	0		128°2	128°0	127°8	126°9	125°5	124°2	126°0	126°4	127°4	126°6	125°6
20	0		128°0	128°4	128°2	126°7	125°2	123°7	126°0	126°6	126°8	126°4	125°8
25	0		128°0	128°4	128°1	126°5	124°7	124°9	126°0	126°6	126°8	126°4	126°0
30	0		128°0	128°8	127°8	126°5	124°2	125°4	126°1	126°6	126°8	125°8	126°1
35	0		128°2	128°6	127°7	126°3	123°4	125°9	126°2	126°6	127°0	126°6	126°2
40	0		128°2	129°4	127°6	125°8	122°9	125°5	125°5	126°4	126°6	125°8	126°2
45	0		128°4	128°6	128°2	126°0	122°4	126°0	126°2	126°5	126°8	126°0	126°4
50	0		128°2	128°2	127°1	125°9	122°1	126°3	125°6	126°6	126°6	125°8	126°6
55	0		128°0	128°6	126°9	126°2	122°1	126°1	125°5	126°4	126°8	125°8	126°4
Thermometer			46°4	46°2	46°3	46°3	47°2	48°0	48°8	49°3	49°5	49°4	49°6
Increasing Numbers denote increasing easterly Declination.													
METEOROLOGICAL OBSERVATIONS.													
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.				
				Dry.	Wet.	Direction.	Force.						
D.	H.	M.	In.	°	°								
22	10	0	29°506	40°8	40°6	N.N.W.	Gentle.	1°0	Overcast.				
	11	0	29°507	40°4	40°0	N.N.W.	Gentle.	1°0	Fog drifting.				
	12	0	29°511	41°2	41°0	W.N.W.	Strong.	1°0	Overcast and gloomy, with fog and rain.				
	13	0	29°502	42°2	42°0	N.W. by N.	Moderate.	1°0	Overcast and gloomy; cir.				
	14	0	29°493	46°2	45°2	N.W. by N.	Gentle.	0°8	Cir., cir.-strat., and haze; blue sky in places.				
	15	0	29°467	50°0	47°8	N.W. by W.	Gentle.	0°7	Fine; strat. and cir. generally spread.				
	16	0	29°437	51°6	48°1	N.W. by W.	Gentle.	0°6	Cir. and strat.; hazy soft cum.				
	17	0	29°414	51°5	48°2	N.W.	Gentle.	0°7	Cir. and strat.; hazy soft cum.				
	18	0	29°425	54°2	49°5	N.N.W.	Light.	0°7	Gloomy, with soft cum. and cirrus haze.				
	19	0	29°425	52°4	49°0	N.N.W.	Light.	1°0	Gloomy, with soft cum. and cirrus haze.				
	20	0	29°435	51°0	48°0	N.W.	Light.	1°0	Overcast; small soft cum.				
	21	0	29°443	49°9	47°6	N.W. by N.	Light.	1°0	Overcast; a few drops of rain falling.				

MAGNETICAL OBSERVATIONS.													July 22d and 23d.	
DECLINATION.						Angular Value of one Scale Division = 0° 502.								
21h.	22h.	23h.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.		
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.		
114.1	117.3	113.7	118.6	106.6	104.8	89.9	96.7	102.6	103.4	105.8	106.5	107.0		
114.6	116.3	113.7	117.4	106.1	103.9	89.8	97.0	102.6	104.5	106.0	106.7	107.0		
115.2	111.7	113.4	114.1	106.2	103.5	91.0	97.8	102.8	104.9	106.3	106.4	106.8		
116.0	106.9	113.6	111.6	106.8	103.7	91.2	98.6	102.4	105.5	107.2	107.0	107.5		
117.2	105.7	114.0	108.8	106.8	104.0	90.8	98.6	102.4	105.8	107.2	107.2	108.2		
117.9	104.4	112.9	107.7	106.0	103.5	91.2	98.6	102.2	106.0	106.4	105.7	107.2		
118.2	104.4	111.2	106.8	105.7	103.0	91.7	99.0	101.2	106.2	106.0	106.0	109.0		
117.8	105.5	112.2	107.1	105.0	101.2	93.0	98.9	101.2	106.3	106.3	106.8	105.7		
118.0	107.2	109.8	107.1	104.5	101.3	95.0	99.4	100.8	106.5	105.7	106.2	105.3		
117.3	109.5	110.0	107.0	104.8	103.2	96.7	99.4	101.0	106.3	105.7	106.2	105.6		
117.3	112.6	110.3	106.2	105.0	103.8	97.2	100.0	101.4	106.3	106.1	106.2	106.0		
117.2	113.1	113.2	106.3	104.9	97.0	96.8	100.4	102.4	105.8	106.0	106.6	106.0		
HORIZONTAL FORCE.													Change in the Magnetic moment of the Bar for 1° Fah°. = .000093.	
45.7	38.9	40.4	38.2	41.6	43.1	48.5	41.2	42.4	43.0	43.9	44.6	44.2		
45.5	37.5	39.3	36.2	41.8	43.2	49.2	41.5	42.6	42.9	44.1	44.7	44.2		
45.5	38.1	39.0	36.1	42.2	43.8	49.0	41.4	42.9	43.1	44.1	45.0	44.8		
45.1	41.2	38.6	36.9	43.1	43.0	47.8	41.4	43.8	43.3	44.1	45.3	44.5		
45.0	42.4	38.1	38.0	43.5	42.1	46.2	41.2	43.8	43.5	43.8	44.8	44.2		
44.6	43.3	38.1	38.4	43.4	41.8	45.2	41.2	43.6	43.5	43.8	44.7	44.0		
44.0	44.1	38.9	40.2	43.3	41.9	44.1	41.2	43.6	43.7	44.2	45.0	43.8		
44.1	43.9	38.8	—	43.2	43.2	43.5	41.0	43.6	44.0	44.5	45.0	43.2		
43.3	42.9	39.2	41.2	43.2	43.2	42.9	41.4	43.4	44.0	44.8	44.8	44.2		
42.8	42.2	40.4	40.9	43.3	44.2	41.9	41.8	43.0	43.8	45.0	44.8	44.6		
41.7	41.8	41.8	41.2	43.5	44.4	41.3	42.0	43.2	43.6	44.6	44.6	45.0		
39.7	41.7	42.8	41.3	43.4	44.6	41.2	42.4	43.0	43.6	44.6	44.5	45.0		
48.4	48.5	48.5	48.3	48.6	48.8	48.8	48.8	48.8	48.8	48.7	48.5	48.5		
Induction Inclinometer, one Sc. Div. = 0° 502; p. = 4° 8297; u. = 14° 22'.														
126.5	123.2	123.9	124.0	124.0	124.9	125.6	123.0	124.0	124.4	124.8	125.2	124.8		
126.3	122.6	123.1	122.2	124.1	124.8	126.7	123.1	124.0	124.2	124.8	125.1	124.6		
126.5	122.0	122.8	121.4	124.3	125.0	127.6	123.1	124.2	124.3	125.0	125.2	124.8		
126.3	122.8	122.6	121.2	124.6	124.9	126.9	123.0	124.6	124.7	124.9	125.6	125.1		
126.5	124.0	122.4	121.7	124.8	124.4	126.6	123.0	124.8	124.5	124.9	125.6	125.2		
125.8	124.6	122.0	121.9	124.9	124.0	125.6	123.0	124.8	124.6	124.8	124.9	124.6		
125.8	125.2	122.4	122.7	124.8	124.0	125.0	123.0	125.0	124.6	124.7	125.1	124.9		
125.7	125.3	122.6	123.1	124.6	124.4	124.6	123.0	124.8	124.8	125.1	125.1	124.2		
125.6	125.9	122.1	123.5	124.7	124.8	124.4	123.2	124.8	124.9	125.1	125.4	124.6		
125.1	124.8	123.2	123.6	124.7	125.4	123.9	123.3	124.3	124.9	125.2	125.2	125.0		
124.7	124.3	124.1	123.6	124.9	125.0	123.4	123.8	124.4	124.9	125.3	125.2	125.4		
123.8	124.4	124.0	123.9	125.0	124.6	123.0	124.8	124.2	124.8	125.3	125.3	125.4		
49.7	49.8	49.6	49.6	49.8	49.8	49.8	49.8	49.6	49.7	49.4	49.3	49.3		
increasing Horizontal Force, and decreasing Inclination.														
METEOROLOGICAL OBSERVATIONS.														
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.					
				Dry.	Wet.	Direction.	Force.							
D.	H.	M.	In.	°	°									
22	22	0	29.447	49.6	47.1	N.W.	Light.	1.0	Overcast and gloomy; a few stars shining.					
	23	0	29.463	48.2	46.5	—	Calm.	1.0	Overcast, gloomy, and still.					
23	0	0	29.468	46.6	45.8	—	Calm.	0.8	Gloomy; dark and hazy; a few stars visible.					
	1	0	29.478	45.1	44.8	—	Calm.	0.9	Gloomy; dark and hazy; a few stars visible.					
	2	0	29.474	44.9	44.5	—	Calm.	0.8	Dark and gloomy; a few stars faintly seen.					
	3	0	29.476	44.8	44.3	N.W.	Light.	0.4	Sky partly covered by dark haze.					
	4	0	29.470	44.0	43.8	N.W.	Light.	0.5	Dark and gloomy; stars watery looking.					
	5	0	29.470	43.6	43.4	N.W.	Light.	0.3	Cum.-strat. and watery haze.					
	6	0	29.471	43.6	43.4	—	Calm.	1.0	Overcast, gloomy, and still.					
	7	0	29.477	43.8	43.6	—	Calm.	1.0	Overcast, gloomy, and still.					
	8	0	29.483	43.7	43.6	—	Calm.	1.0	Very dark and gloomy; light rain commenced.					
	9	0	29.491	43.2	43.2	—	Calm.	1.0	Very dark and gloomy; a little rain.					

August 28th and 29th.			MAGNETICAL OBSERVATIONS.										
Mean Göttingen Time.			Angular Value of one Scale Division = 0° 502.					DECLINATION.					
			10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
M.	s.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
0	0	113° 0	133° 3	113° 0	106° 3	105° 5	106° 8	108° 1	110° 4	112° 8	108° 8	109° 2	
5	0	113° 9	130° 0	113° 2	106° 8	104° 3	105° 0	105° 5	110° 8	113° 7	109° 0	109° 0	
10	0	116° 5	126° 8	112° 2	108° 1	103° 8	105° 6	111° 0	110° 8	112° 5	109° 5	109° 0	
15	0	119° 5	124° 0	111° 2	106° 6	103° 6	105° 0	106° 0	111° 4	112° 5	109° 3	109° 0	
20	0	123° 5	121° 0	110° 0	106° 5	102° 3	105° 6	109° 4	111° 5	112° 8	109° 9	108° 2	
25	0	129° 0	119° 8	110° 8	105° 0	102° 9	106° 6	111° 6	112° 9	111° 2	110° 3	106° 8	
30	0	132° 2	117° 4	109° 8	107° 2	101° 2	106° 0	109° 5	114° 0	111° 0	110° 2	106° 8	
35	0	132° 9	116° 0	109° 4	106° 8	103° 2	105° 2	109° 0	113° 0	110° 9	110° 3	107° 0	
40	0	135° 3	117° 0	110° 0	105° 0	104° 2	104° 8	109° 2	111° 4	111° 0	110° 0	106° 8	
45	0	136° 7	114° 3	109° 8	105° 2	105° 0	105° 6	109° 0	112° 6	111° 9	109° 5	106° 6	
50	0	135° 8	113° 3	108° 5	105° 5	105° 9	107° 2	109° 4	112° 5	111° 2	110° 1	106° 8	
55	0	132° 5	113° 7	108° 8	103° 8	106° 4	107° 5	110° 7	112° 3	111° 6	109° 8	107° 2	
			One Scale Division = .000176 parts of the H. F.					HORIZONTAL FORCE.					
M.	s.												
2	30	42° 0	43° 3	49° 3	47° 2	39° 5	17° 6	21° 0	34° 8	39° 8	38° 2	36° 8	
7	30	41° 3	44° 7	49° 8	46° 3	38° 4	17° 0	24° 1	36° 0	38° 5	39° 8	37° 0	
12	30	40° 7	45° 9	48° 3	46° 0	36° 2	18° 3	22° 0	36° 8	39° 2	39° 4	37° 3	
17	30	40° 0	46° 4	49° 7	45° 3	34° 3	16° 6	24° 4	37° 9	38° 3	39° 4	37° 5	
22	30	41° 0	47° 5	47° 9	45° 0	32° 7	15° 8	25° 3	38° 8	37° 4	38° 5	37° 8	
27	30	42° 9	47° 4	47° 6	44° 0	31° 9	16° 2	27° 3	37° 8	37° 5	37° 5	38° 2	
32	30	43° 2	47° 9	47° 8	43° 7	28° 0	16° 4	28° 4	37° 5	36° 3	36° 5	39° 4	
37	30	43° 3	49° 2	49° 0	43° 0	26° 6	18° 2	30° 1	37° 7	36° 0	36° 8	39° 8	
42	30	44° 2	49° 8	48° 3	42° 3	27° 0	20° 0	31° 5	36° 3	37° 0	36° 8	40° 3	
47	30	43° 2	49° 0	47° 8	42° 9	27° 3	22° 7	32° 8	37° 3	38° 4	37° 1	40° 8	
52	30	42° 1	50° 8	47° 8	42° 2	24° 5	23° 3	34° 0	37° 7	37° 0	37° 2	41° 0	
57	30	42° 2	50° 0	47° 5	41° 2	22° 0	23° 2	34° 9	38° 9	38° 3	37° 2	41° 3	
Thermometer			45° 7	45° 7	45° 7	45° 7	46° 0	47° 6	47° 3	47° 5	47° 9	48° 1	48° 2
			Induction Incliner, one Sc. Div. = 0° 502; p. = 4° 8297; u. = 14° 22'.										
M.	s.												
0	0	106° 0	106° 8	110° 8	108° 3	105° 1	91° 8	95° 6	103° 2	105° 0	104° 8	104° 6	
5	0	105° 9	107° 8	110° 7	107° 6	104° 3	91° 4	95° 4	103° 9	105° 7	105° 9	104° 6	
10	0	105° 7	107° 8	110° 4	108° 0	102° 6	91° 6	96° 8	103° 9	105° 9	106° 8	104° 4	
15	0	105° 6	109° 8	109° 9	107° 8	102° 3	92° 2	95° 8	104° 5	105° 5	106° 7	104° 6	
20	0	105° 8	108° 4	109° 7	107° 1	100° 9	91° 8	98° 3	104° 3	105° 0	105° 8	104° 4	
25	0	107° 0	109° 6	109° 5	106° 6	99° 1	92° 0	98° 5	105° 0	104° 4	105° 3	104° 8	
30	0	107° 2	110° 0	109° 3	106° 4	98° 9	92° 0	99° 1	105° 1	104° 6	104° 4	104° 8	
35	0	107° 7	110° 5	109° 4	106° 6	97° 4	92° 4	100° 4	105° 4	104° 4	104° 4	105° 6	
40	0	108° 0	109° 6	109° 8	105° 9	97° 2	92° 4	101° 1	104° 0	104° 6	104° 4	106° 6	
45	0	107° 7	110° 1	109° 3	106° 0	98° 0	95° 0	101° 6	104° 3	105° 6	104° 5	106° 0	
50	0	106° 7	110° 4	109° 1	106° 1	95° 7	96° 4	102° 3	104° 2	105° 2	104° 7	106° 0	
55	0	107° 6	110° 9	108° 6	106° 0	94° 2	96° 9	102° 9	104° 2	105° 4	104° 8	106° 6	
Thermometer			46° 8	46° 8	47° 0	47° 5	47° 8	48° 6	49° 2	49° 4	49° 8	49° 8	49° 5
Increasing Numbers denote increasing easterly Declination.													
METEOROLOGICAL OBSERVATIONS.													
Mean Göttingen Time.			Barometer at 23°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.				
				Dry.	Wet.	Direction.	Force.						
D.	H.	M.	In.	°	°								
28	10	0	29° 913	37° 0	36° 7	N.	Gentle.	0° 0	Fine; clear.				
	11	0	29° 923	40° 7	40° 0	N.	Moderate.	0° 8	Sky almost covered with soft cum.				
	12	0	29° 916	42° 2	41° 7	N.	Gentle.	0° 9	Almost overcast.				
	13	0	29° 901	45° 5	44° 5	N. by W.	Light.	1° 0	Overcast with cum., through which the sun cannot penetrate.				
	14	0	29° 889	47° 8	46° 2	N. by W.	Light.	1° 0	Overcast, with cum.				
	15	0	29° 869	50° 2	47° 2	N. by W.	Light air.	0° 7	Clouds dispersing; general watery haze.				
	16	0	29° 854	51° 5	47° 6	E. by S.	Light air.	1° 0	Overcast, with cum.-strat.; blue sky visible in some places.				
	17	0	29° 833	51° 0	47° 4	E. S. E.	Light.	1° 0	Overcast, with cum.-strat.				
	18	0	29° 821	52° 7	48° 5	E.	Light.	1° 0	Soft hazy cum. and cir.; sky to S. a yellowish colour.				
	19	0	29° 823	50° 2	48° 2	E. by S.	Gentle.	1° 0	Appearance of rain; light misty rain at 19 ^h 30 ^m .				
	20	0	29° 834	49° 1	46° 9	E. by N.	Light.	0° 8	Appearance of rain; patches of blue sky to E.				
	21	0	29° 855	47° 8	45° 8	S. E.	Light.	0° 8	Sky nearly covered with a thin vapourous cloud.				

MAGNETICAL OBSERVATIONS.												August 28th and 29th.	
DECLINATION.						Angular Value of one Scale Division = 0' 502.							
21 ^h .	22 ^h .	23 ^h .	0 ^h .	1 ^h .	2 ^h .	3 ^h .	4 ^h .	5 ^h .	6 ^h .	7 ^h .	8 ^h .	9 ^h .	
Sc. Div. 107 ⁵	Sc. Div. 99 ³	Sc. Div. 99 ⁴	Sc. Div. 104 ⁰	Sc. Div. 103 ⁶	Sc. Div. 98 ⁴	Sc. Div. 101 ⁵	Sc. Div. 99 ³	Sc. Div. 104 ⁵	Sc. Div. 109 ⁸	Sc. Div. 109 ⁹	Sc. Div. 105 ¹	Sc. Div. 109 ⁰	
107 ⁸	98 ³	100 ⁰	103 ⁶	102 ⁹	98 ⁰	99 ²	100 ⁰	104 ³	108 ⁸	109 ⁷	105 ⁷	108 ²	
108 ⁰	98 ⁸	101 ²	104 ⁰	101 ⁷	98 ²	99 ⁰	100 ⁰	104 ³	107 ⁶	110 ⁰	105 ⁹	108 ¹	
107 ⁸	99 ⁴	102 ⁶	104 ¹	101 ⁰	98 ⁹	98 ⁷	100 ⁵	106 ⁵	106 ⁸	109 ⁸	105 ⁸	108 ⁶	
106 ⁶	101 ²	101 ⁸	104 ⁹	101 ⁴	98 ⁵	97 ⁰	101 ⁰	107 ⁰	108 ²	109 ⁹	105 ⁴	108 ⁹	
104 ⁴	101 ⁹	102 ⁶	104 ⁶	101 ⁹	98 ⁶	96 ⁵	102 ⁰	107 ⁵	108 ⁶	110 ⁴	105 ⁵	109 ⁰	
102 ²	101 ²	103 ⁶	104 ³	102 ²	99 ⁷	97 ⁰	103 ⁰	108 ⁷	108 ⁴	110 ⁰	106 ²	108 ⁸	
101 ²	101 ⁶	104 ⁸	104 ⁵	103 ²	101 ⁰	97 ¹	103 ⁸	109 ⁵	109 ⁹	109 ⁸	107 ⁰	108 ³	
100 ⁵	102 ⁶	104 ⁴	104 ⁷	103 ¹	102 ⁰	97 ³	104 ⁴	110 ²	111 ⁸	108 ⁸	107 ¹	108 ⁵	
100 ²	103 ⁶	103 ⁸	104 ⁷	102 ⁸	101 ⁴	97 ⁷	104 ⁴	110 ⁵	111 ⁰	108 ⁰	108 ⁰	109 ³	
98 ⁰	100 ⁹	103 ⁴	104 ⁴	101 ⁴	102 ²	97 ⁷	104 ²	109 ⁸	111 ²	106 ²	107 ³	110 ⁰	
98 ²	99 ²	104 ⁰	104 ²	97 ⁷	103 ¹	98 ²	104 ²	109 ⁶	111 ⁰	105 ⁶	108 ⁹	110 ⁷	

HORIZONTAL FORCE.												Change in the Magnetic moment of the Bar for 1° Fahr. = '000093.	
41 ⁴	41 ²	—	40 ⁹	40 ²	52 ⁸	45 ⁷	40 ²	40 ⁰	45 ⁴	46 ⁷	41 ⁹	43 ³	
41 ⁸	41 ⁴	40 ⁴	40 ⁹	39 ³	51 ³	44 ⁸	40 ⁴	40 ⁵	46 ²	47 ⁰	41 ⁸	44 ³	
41 ³	41 ⁷	39 ⁸	40 ⁸	38 ⁶	51 ⁰	44 ⁵	39 ⁸	41 ⁰	46 ³	47 ³	41 ⁸	44 ⁸	
40 ⁸	41 ⁰	39 ³	40 ⁷	38 ³	48 ²	43 ⁴	39 ²	41 ⁸	45 ⁶	47 ⁶	42 ⁰	45 ⁰	
40 ²	40 ⁸	40 ⁸	40 ⁴	38 ²	48 ⁰	42 ⁵	39 ²	42 ⁰	44 ⁹	48 ³	42 ⁰	45 ⁴	
39 ⁸	41 ⁰	40 ⁶	39 ⁹	39 ²	50 ⁵	42 ⁰	39 ⁶	42 ²	44 ²	47 ⁴	42 ²	45 ⁵	
39 ²	41 ⁸	41 ⁰	39 ⁷	41 ²	50 ⁸	42 ²	40 ⁰	42 ⁸	44 ³	46 ³	42 ⁰	45 ³	
38 ⁷	41 ⁶	41 ⁷	40 ⁴	43 ⁴	50 ²	41 ⁵	40 ²	43 ⁰	45 ⁰	45 ⁴	42 ⁰	45 ¹	
38 ⁸	40 ⁴	42 ²	40 ⁹	43 ⁵	49 ²	41 ⁷	40 ²	43 ¹	45 ⁰	44 ²	42 ²	45 ¹	
38 ⁸	39 ⁴	42 ⁸	41 ³	45 ²	49 ⁰	41 ²	40 ²	43 ³	45 ⁴	43 ⁴	42 ¹	44 ¹	
40 ²	39 ⁸	42 ²	40 ⁴	48 ⁰	48 ⁰	40 ³	40 ²	44 ²	46 ⁰	41 ⁸	43 ¹	43 ¹	
41 ⁸	39 ⁴	41 ⁷	39 ⁸	52 ⁵	47 ¹	40 ⁴	40 ²	44 ³	46 ³	41 ⁷	43 ³	41 ⁸	
48 ⁵	48 ⁷	48 ⁸	49 ⁰	49 ⁰	48 ⁹	49 ⁰	49 ⁰	49 ⁰	49 ²	49 ²	49 ²	49 ²	

Induction Incliner, one Sc. Div. = 0' 502 ; p. = 4' 8297 ; u. = 14° 22'.												
106 ⁶	106 ⁶	105 ²	106 ⁶	105 ⁷	112 ⁶	109 ¹	106 ⁰	106 ¹	108 ⁸	109 ⁷	106 ⁹	108 ²
106 ⁸	106 ⁰	105 ⁶	105 ⁸	105 ⁷	111 ⁸	108 ⁴	105 ⁶	106 ³	112 ²	110 ²	107 ²	108 ⁵
106 ⁸	106 ⁰	105 ⁸	105 ⁹	105 ⁰	111 ⁴	108 ¹	105 ⁶	106 ³	109 ⁴	110 ²	107 ⁰	108 ⁶
106 ⁶	106 ²	105 ⁸	106 ⁰	104 ⁸	110 ⁴	107 ¹	105 ⁶	106 ⁶	109 ⁴	110 ⁴	107 ⁰	108 ⁹
105 ⁸	106 ⁴	105 ⁸	105 ⁸	104 ⁷	109 ⁸	106 ⁶	105 ⁴	106 ⁸	109 ¹	110 ⁶	107 ¹	109 ²
105 ⁶	106 ⁵	106 ⁰	105 ⁶	104 ⁹	110 ²	106 ⁵	105 ⁴	107 ¹	108 ⁸	110 ⁶	107 ³	109 ⁵
105 ⁴	106 ⁶	106 ⁰	105 ⁴	105 ⁶	111 ⁵	106 ⁴	105 ⁶	107 ²	108 ²	110 ²	107 ⁴	109 ⁵
105 ²	106 ⁸	106 ³	105 ⁶	106 ⁴	111 ⁶	106 ³	105 ⁶	107 ⁴	108 ⁷	109 ⁸	107 ³	109 ³
104 ⁹	106 ²	106 ⁶	105 ⁸	107 ⁶	111 ⁶	106 ²	106 ⁰	107 ⁶	109 ²	108 ⁶	107 ⁵	109 ¹
105 ²	106 ⁰	106 ⁸	106 ¹	107 ⁸	111 ¹	106 ⁰	106 ⁰	107 ⁹	109 ¹	108 ²	107 ⁵	109 ⁰
105 ³	105 ⁷	107 ⁰	106 ⁰	108 ¹	110 ⁶	106 ⁰	106 ²	108 ⁵	109 ³	107 ⁴	107 ⁴	108 ⁶
106 ¹	105 ⁴	106 ⁶	105 ⁶	110 ⁵	109 ⁷	105 ⁴	106 ²	108 ³	109 ⁶	107 ²	108 ⁰	107 ⁹
49 ⁸	49 ⁸	49 ⁸	50 ⁰	50 ⁰	49 ⁸	50 ⁰	50 ²	50 ²	50 ²	50 ²	50 ²	50 ²

Increasing Horizontal Force, and decreasing Inclination.

METEOROLOGICAL OBSERVATIONS.									
Mean Göttingen Time.	Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.		
		Dry.	Wet.	Direction.	Force.				
D. H. M.	In.	°	°						
28 22 0	29 ⁸⁶⁸	47 ²	46 ⁰	S. by W.	Light.	0 ⁸	Sky generally unsettled and gloomy.		
23 0 0	29 ⁸⁷⁴	46 ⁴	45 ⁶	S. by W.	Light air.	1 ⁰	Quite overcast.		
29 0 0	29 ⁸⁷⁸	46 ⁰	45 ⁰	S. by W.	Light air.	1 ⁰	Gloomy.		
1 0	29 ⁸⁷⁷	46 ³	45 ²	S.	Light air.	1 ⁰	Rain cloud overspreading the sky.		
2 0	29 ⁸⁶⁹	46 ⁵	45 ¹	S.	Light air.	1 ⁰	Gloomy, and unsettled.		
3 0	29 ⁸⁶³	46 ⁰	45 ¹	S.	Light air.	1 ⁰	Entirely overcast ; very dark ; light rain falling.		
4 0	29 ⁸⁵⁷	45 ⁹	45 ³	—	Calm.	1 ⁰	Dark, gloomy weather, with light rain falling.		
5 0	29 ⁸⁴⁹	46 ²	46 ⁰	—	Calm.	1 ⁰	Continued small rain ; very dark and gloomy.		
6 0	29 ⁸³⁵	46 ³	46 ³	S. S. W.	Light air.	1 ⁰	Continued small rain ; very dark and gloomy.		
7 0	29 ⁸²⁸	46 ⁶	46 ⁶	S. by W.	Light.	1 ⁰	Continued small rain ; very dark and gloomy.		
8 0	29 ⁸²⁶	47 ⁰	47 ⁰	S. by W.	Light air.	1 ⁰	Thick and gloomy ; light rain.		
9 0	29 ⁸³³	47 ¹	47 ¹	S. by W.	Light air.	1 ⁰	Thick and gloomy ; light showers occasionally.		

September 23d and 24th. MAGNETICAL OBSERVATIONS.													
Mean Göttingen Time.		Angular Value of one Scale Division = 0° 502.						DECLINATION.					
		10h.	11h.	12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	
M.	s.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
0	0	102°3	96°0	102°0	99°3	103°5	105°1	111°5	117°5	115°2	113°2	108°0	
5	0	101°7	96°8	102°1	98°4	103°9	106°0	112°8	117°5	114°8	111°8	109°5	
10	0	101°9	97°8	101°0	99°3	104°0	105°5	114°0	117°0	113°8	111°4	109°5	
15	0	101°5	96°2	98°9	99°8	104°0	107°5	116°1	116°3	114°8	111°5	110°4	
20	0	100°2	97°2	98°8	100°4	104°2	108°3	115°3	117°0	114°4	111°7	110°9	
25	0	98°6	96°8	99°8	101°0	104°0	109°1	117°0	116°8	114°2	110°7	109°5	
30	0	98°4	97°2	102°1	102°0	103°0	108°8	116°8	116°8	114°4	110°6	108°6	
35	0	98°6	98°8	105°6	104°2	104°0	109°0	116°4	116°2	114°2	110°4	108°0	
40	0	98°8	101°4	103°8	104°9	105°0	109°0	116°4	116°0	113°8	110°8	108°4	
45	0	98°4	101°9	101°8	104°4	105°7	109°7	116°4	115°7	113°6	110°8	110°2	
50	0	97°4	102°2	101°3	103°7	105°0	110°6	116°8	115°4	113°6	109°5	110°2	
55	0	96°3	103°0	99°7	103°8	104°5	110°9	117°3	114°7	113°2	108°4	109°5	

M. s.		One Scale Division = .000176 parts of the H. F.						HORIZONTAL FORCE.					
		2	30	40°1	38°7	34°5	30°8	27°1	22°7	15°4	22°8	25°4	30°4
7	30	40°2	39°2	32°8	31°1	27°0	20°3	16°3	22°7	25°2	30°0	30°2	
12	30	40°0	38°4	32°0	30°6	26°8	20°3	16°2	22°3	25°6	30°7	30°2	
17	30	39°8	37°4	30°3	30°7	26°3	21°1	16°2	22°0	27°2	31°4	32°3	
22	30	39°7	37°0	30°8	29°0	26°6	20°0	16°8	22°8	27°6	31°0	32°5	
27	30	39°8	35°6	32°6	29°2	25°9	18°7	18°2	22°8	28°2	30°4	30°9	
32	30	39°7	34°0	33°1	29°3	26°0	17°2	18°3	22°8	28°6	30°8	30°0	
37	30	40°2	34°8	32°0	28°8	26°8	17°3	18°8	23°5	28°6	31°2	30°0	
42	30	39°9	35°1	31°6	27°9	25°7	16°7	19°5	24°0	28°8	30°4	29°8	
47	30	40°0	35°7	32°1	27°0	25°0	16°1	20°2	24°0	29°4	32°0	30°6	
52	30	39°2	35°0	32°0	27°0	23°3	15°1	22°0	24°2	29°9	31°7	30°1	
57	30	39°4	34°4	31°3	27°1	23°1	15°2	22°8	24°9	31°0	31°4	29°4	

Thermometer												
		52°1	52°5	53°0	53°7	54°3	55°3	56°2	57°0	57°2	57°5	58°0

Induction Inclinometer, one Sc. Div. = 0° 502 ; p. = 4° 8297 ; u. = 14° 22'.												
M.	s.	108°3	107°1	104°5	102°4	100°7	98°5	95°1	100°3	102°4	105°6	107°6
0	0	108°4	106°8	103°9	102°3	100°5	98°4	95°3	100°1	102°8	104°8	106°2
5	0	108°4	106°8	103°5	102°5	100°7	97°3	95°9	99°9	102°8	105°2	104°9
10	0	108°3	106°2	102°6	102°6	100°4	97°3	95°8	100°1	103°0	105°1	106°0
15	0	108°2	105°8	101°8	102°5	100°2	97°3	96°3	100°8	103°2	105°3	106°6
20	0	109°0	105°6	102°8	101°7	100°4	97°2	96°3	101°0	103°4	105°6	106°1
25	0	107°6	104°4	103°5	102°2	101°0	97°4	97°6	101°0	103°8	104°8	105°1
30	0	107°6	104°0	103°6	102°1	100°4	96°9	97°4	101°4	104°2	105°2	104°7
35	0	107°8	104°9	102°9	101°3	100°3	96°5	98°7	101°8	104°4	105°6	104°6
40	0	107°6	104°7	102°8	101°1	100°4	96°4	98°9	101°7	104°2	106°6	105°3
45	0	107°2	104°9	103°4	100°8	99°5	95°6	99°0	102°2	104°4	105°8	105°1
50	0	107°9	104°7	102°7	100°8	99°0	95°3	100°0	102°1	105°4	106°3	104°9
55	0											

Increasing Numbers denote increasing easterly Declination.

METEOROLOGICAL OBSERVATIONS.											
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.		
				Dry.	Wet.	Direction.	Force.				
D.	H.	M.	In.	°	°						
23	10	0	29°835	48°8	48°0	N. W. by N.	Light.	0°2	Fine; settled; a few light cir.		
	11	0	29°830	52°4	49°6	N. W. by N.	Light.	0°4	Fine; settled; a few light cum.-strat.		
	12	0	29°809	55°4	51°6	N. W. by N.	Gentle.	0°7	Fine; cir. and cir.-cum.		
	13	0	29°781	59°3	54°0	N. W. by N.	Moderate.	0°7	Cir. and light cum. generally spread.		
	14	0	29°733	61°3	54°9	N.	Gentle.	0°4	Cir. and light cum.		
	15	0	29°690	62°2	55°4	N. by W.	Fresh.	0°5	Cir. and haze.		
	16	0	29°650	65°0	57°0	N. by W.	Strong.	0°6	Cir. dispersed over the sky.		
	17	0	29°619	65°5	56°5	N.N.W.	Moderate.	0°6	Unsettled.		
	18	0	29°603	64°4	55°8	N.N.W.	Strong.	0°7	Unsettled; cir. scattered over the sky.		
	19	0	29°591	65°0	55°8	N.N.W.	Moderate.	0°8	Unsettled; cir. scattered over the sky.		
	20	0	29°592	62°9	54°9	N.N.W.	Moderate.	0°7	Light fleecy cir., cum., and cir.-cum.		
	21	0	29°602	60°7	54°0	N.	Moderate.	0°9	Nearly overcast, with broken cum.-strat.		

MAGNETICAL OBSERVATIONS.												September 23d and 24th.	
DECLINATION.												Angular Value of one Scale Division = 0' 502.	
21h.	22h.	23h.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	
Sc. Div. 107'2	Sc. Div. 109'1	Sc. Div. 108'0	Sc. Div. 102'8	Sc. Div. 106'8	Sc. Div. 105'8	Sc. Div. 106'7	Sc. Div. 105'8	Sc. Div. 106'2	Sc. Div. 107'4	Sc. Div. 117'5	Sc. Div. 111'6	Sc. Div. 108'2	
107'5	108'8	107'9	103'8	107'2	105'6	106'2	105'6	106'0	107'6	116'2	112'2	108'8	
107'6	109'2	108'1	104'2	106'8	105'8	106'0	106'0	106'2	107'8	113'4	112'5	109'5	
107'5	109'0	104'7	102'8	106'3	106'0	105'8	106'4	106'5	107'9	112'1	112'8	109'2	
108'2	110'1	102'4	102'8	106'0	106'0	106'0	106'2	106'9	107'7	111'1	112'1	110'0	
108'5	109'8	102'0	101'8	105'8	106'3	106'0	106'5	107'0	107'2	109'9	111'7	111'0	
108'7	109'2	103'0	102'5	105'2	106'6	106'4	105'7	107'0	106'8	109'5	111'7	111'8	
108'7	109'0	101'8	103'0	105'0	106'4	106'4	105'9	107'0	107'0	108'9	110'8	112'5	
108'1	108'8	102'5	104'8	104'8	106'8	106'3	106'5	107'4	109'7	108'3	110'2	113'2	
108'8	108'2	103'1	105'2	105'3	107'4	106'5	107'0	108'0	113'0	108'7	110'2	112'5	
108'1	108'2	103'7	105'8	105'8	107'4	106'3	106'1	107'3	117'0	108'8	110'4	112'7	
108'0	107'8	103'5	105'8	105'8	107'2	106'2	106'2	107'2	118'0	110'3	109'0	114'8	

HORIZONTAL FORCE.												Change in the Magnetic moment of the Bar for 1° Fah°. = '000093.	
27'8	29'4	29'9	31'8	30'0	29'9	32'1	31'2	31'2	32'6	38'5	33'1	37'4	
28'0	28'2	30'1	32'2	30'0	30'0	32'0	31'0	31'2	32'6	39'4	34'0	38'0	
28'3	29'0	30'3	32'2	30'1	30'7	31'7	31'2	31'3	32'8	39'8	34'8	38'2	
28'0	28'5	29'8	33'8	30'3	30'7	31'4	31'4	31'3	32'8	39'6	35'3	38'3	
28'2	29'8	29'2	33'3	30'5	30'8	31'6	31'5	31'3	33'0	38'9	35'7	38'5	
28'1	29'2	30'5	33'3	30'3	31'0	31'2	31'7	31'4	33'1	38'2	36'0	38'8	
28'3	28'3	30'9	32'8	30'2	31'4	31'0	31'4	31'2	33'2	38'0	36'3	38'2	
28'4	29'0	30'3	31'5	30'0	32'8	30'9	32'0	31'7	33'3	36'2	36'6	38'2	
27'8	30'2	29'8	30'7	29'7	32'6	31'2	32'0	32'0	34'0	34'9	36'8	38'0	
29'3	30'0	30'0	30'8	30'5	32'4	31'4	31'2	31'6	34'7	33'2	37'0	36'4	
28'8	29'5	31'0	30'8	30'5	32'2	31'3	31'0	31'5	36'1	33'0	36'8	36'2	
30'1	29'8	31'0	30'5	30'3	32'4	31'4	31'1	32'0	37'5	32'9	36'8	36'2	
58'1	58'1	58'3	58'3	58'2	58'0	57'6	57'4	57'0	56'6	56'2	56'1	56'0	

Induction Inclinometer, one Sc. Div. = 0' 502 ; p. = 4'8297; u. = 14° 22'.												
103'9	105'6	104'9	106'0	105'0	105'3	106'1	105'5	105'4	105'5	109'1	106'0	108'6
104'0	105'0	104'9	106'6	105'2	104'8	106'2	105'3	105'7	105'9	109'4	106'5	109'1
104'0	104'2	104'4	106'4	105'3	105'3	106'0	105'4	105'5	105'8	110'2	107'3	109'5
104'0	104'7	105'4	106'6	105'3	105'3	105'8	105'2	105'4	106'0	109'8	107'6	109'6
104'4	105'3	104'8	107'1	105'6	105'6	105'9	105'5	105'4	106'1	109'8	107'7	109'4
104'2	104'6	104'8	107'0	105'6	105'3	105'4	105'7	105'3	106'3	109'0	108'1	109'6
104'2	104'2	104'4	106'9	105'4	105'4	105'2	105'6	105'3	106'1	108'6	108'1	109'3
103'9	105'1	105'6	106'4	105'4	106'0	105'2	105'6	105'4	106'3	108'0	108'6	109'3
104'1	105'0	105'3	105'5	105'1	106'4	105'3	105'8	105'4	106'1	107'3	108'6	109'4
104'5	105'3	105'1	105'4	105'1	106'2	105'3	105'6	105'5	106'6	106'1	108'9	108'9
104'5	105'2	105'4	105'1	105'6	106'2	105'3	105'4	105'2	106'6	106'0	108'7	107'6
104'7	104'7	105'7	105'5	105'0	105'9	105'4	105'3	105'5	108'7	106'3	108'6	108'4
59'3	59'1	59'2	59'0	58'7	58'3	57'8	57'4	57'0	56'9	56'5	56'5	56'0

increasing Horizontal Force, and decreasing Inclination.

METEOROLOGICAL OBSERVATIONS.									
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.
D.	H.	M.		Dry.	Wet.	Direction.	Force.		
23	22	0	29'653	59'6	53'2	N.W. by N.	Fresh.	0'9	Dark cum.-strat. covering the sky; a few stars visible.
	23	0	29'695	58'1	52'0	N. W.	Strong.	0'9	Dark cum.-strat. covering the sky; a few stars visible.
24	0	0	29'718	56'0	49'5	N. W.	Moderate.	0'3	Clearer and finer.
	1	0	29'742	53'8	48'2	N. W.	Fresh.	0'1	Nearly cloudless; stars watery in appearance.
	2	0	29'741	52'7	47'7	N. W.	Fresh.	0'0	Cloudless; fine appearance.
	3	0	29'762	51'4	46'8	N. N. W.	Strong.	0'1	Cum.-strat. to E., otherwise cloudless.
	4	0	29'772	50'4	46'2	N.W. by N.	Fresh.	0'1	Cum.-strat. to E., otherwise cloudless.
	5	0	29'774	48'8	46'1	N. W.	Light.	0'4	Haze and hazy cum.
	6	0	29'782	49'3	46'8	N. W.	Light air.	0'5	Haze and hazy cum.
	7	0	29'796	49'0	47'0	N. W.	Light air.	0'8	Sky almost covered with soft cum.
	8	0	22'812	48'8	47'2	N. W.	Light air.	0'8	Sky almost covered with soft cum.
	9	0	29'842	49'0	48'0	N. W.	Light air.	0'6	Sky almost covered with soft cum.

October 21st and 22d.		MAGNETICAL OBSERVATIONS.										
Mean Göttingen Time.		Angular Value of one Scale Division = 0' 502.										DECLINATION.
		10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
M.	s.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
0	0	100.4	100.5	102.8	102.6	106.0	109.8	119.8	123.8	122.5	119.2	113.2
5	0	98.7	99.0	103.2	102.3	106.9	110.2	120.2	123.8	122.5	118.5	113.0
10	0	99.5	100.4	103.8	102.9	106.7	111.8	120.7	123.8	123.0	118.0	112.4
15	0	100.3	102.1	103.4	103.2	106.6	113.2	120.4	123.8	121.5	117.7	112.4
20	0	101.7	102.5	102.8	103.9	106.8	115.0	120.7	123.8	121.5	117.0	112.4
25	0	102.0	103.8	102.4	104.4	107.3	116.3	121.5	123.2	121.2	116.5	111.8
30	0	101.7	105.2	102.3	103.7	—	118.0	122.8	123.5	120.7	116.0	111.6
35	0	100.6	104.6	101.8	105.0	107.3	118.6	123.2	123.2	120.5	115.7	111.4
40	0	100.0	104.4	101.6	104.7	107.9	118.3	122.0	122.8	120.2	115.3	110.4
45	0	97.0	104.1	101.4	105.6	108.2	118.6	122.5	122.8	120.0	114.0	110.4
50	0	96.0	103.3	101.2	105.5	108.8	118.9	122.5	122.7	119.9	113.0	110.0
55	0	97.3	103.0	101.8	105.1	108.8	119.4	123.0	122.7	119.7	112.5	109.4
		One Scale Division = .000176 parts of the H. F.										HORIZONTAL FORCE.
M.	s.											
2	30	28.4	23.3	20.7	19.9	17.7	8.7	8.9	9.5	17.2	19.4	23.2
7	30	26.8	21.7	21.4	19.7	16.8	7.6	10.2	8.5	18.8	19.0	24.4
12	30	27.3	21.8	21.0	19.7	16.3	7.4	11.5	8.8	18.6	19.7	23.0
17	30	28.5	21.7	21.0	20.5	16.4	6.1	11.0	9.0	18.2	18.5	22.8
22	30	28.4	20.8	20.8	20.0	16.3	5.4	12.2	8.8	18.8	19.0	22.2
27	30	28.3	21.0	20.8	18.6	15.6	4.9	13.5	9.3	19.0	19.7	21.7
32	30	27.9	20.7	20.0	19.2	16.7	4.8	13.2	11.0	19.0	20.0	22.8
37	30	26.2	20.3	20.0	17.8	16.2	5.0	12.5	12.5	19.0	20.8	22.4
42	30	24.5	20.0	19.7	17.6	14.7	5.6	13.5	13.0	19.7	21.7	22.8
47	30	22.8	20.0	19.9	17.8	13.9	6.4	12.2	14.0	19.8	21.7	22.8
52	30	22.2	20.2	20.7	17.0	12.6	6.4	11.5	15.2	19.3	21.6	22.8
57	30	22.9	20.2	20.5	17.2	10.2	7.0	10.2	15.7	19.6	21.6	23.2
Thermometer		61.5	62.2	63.3	64.0	64.4	64.9	65.7	66.3	66.6	66.8	66.4
		Induction Inclinator, one Sc. Div. = 0' 502 ; p. = 4' 8297 ; u. = 14° 22'.										
M.	s.											
0	0	110.2	105.1	103.6	104.5	103.0	99.1	98.2	100.3	104.9	107.4	109.4
5	0	108.6	105.4	104.1	104.2	103.0	98.0	99.4	99.8	104.6	107.0	109.8
10	0	108.1	104.6	103.9	104.1	102.6	97.7	100.1	99.8	106.6	106.9	109.4
15	0	108.6	104.5	104.1	104.4	102.5	97.4	100.2	100.0	106.7	106.7	109.2
20	0	108.9	103.6	104.0	104.5	102.5	96.8	100.3	100.6	106.4	107.1	109.0
25	0	108.7	102.8	104.3	103.9	102.5	95.5	100.9	100.6	106.6	107.1	108.6
30	0	108.9	104.1	104.2	103.3	—	96.3	101.6	101.4	106.9	107.3	108.0
35	0	107.7	103.8	104.2	103.7	102.6	96.4	101.2	102.2	107.1	107.4	107.4
40	0	106.4	103.9	104.2	103.2	104.8	96.5	100.6	103.0	106.9	107.1	108.6
45	0	105.6	103.8	104.2	103.2	101.4	97.0	101.8	103.6	107.2	108.6	108.8
50	0	105.0	103.5	104.6	103.0	100.9	97.4	101.6	104.1	107.0	108.6	108.8
55	0	104.0	103.4	104.8	102.5	100.2	97.5	100.8	104.6	107.6	108.9	109.2
Thermometer		61.7	63.4	65.0	65.1	65.5	66.2	67.0	67.8	67.3	67.2	66.1
Increasing Numbers denote increasing easterly Declination.												
METEOROLOGICAL OBSERVATIONS.												
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.			
				Dry.	Wet.	Direction.	Force.					
D.	H.	M.	In.	°	°							
21	10	0	29.677	61.2	57.8	N.W.	Light.	0.4	Fine ; cir.-cum. and haze.			
	11	0	29.685	67.3	60.3	N.N.W.	Light.	0.3	Fine ; cir.-cum. and haze.			
	12	0	29.677	72.5	63.5	N.N.W.	Moderate.	0.4	Light cir.-cum. ; fine warm atmosphere.			
	13	0	29.664	76.7	62.2	N.W. by W.	Fresh.	0.3	Cir.-cum. dotting the sky.			
	14	0	29.660	78.6	63.5	N.N.W.	Fresh.	0.2	Generally clear ; dots of cir.-cum. scattered.			
	15	0	29.636	80.8	63.1	N.N.W.	Fresh.	0.2	Generally clear ; very warm air.			
	16	0	29.630	81.8	62.0	N.N.W.	Fresh.	0.4	Generally clear ; very warm air.			
	17	0	29.622	75.3	61.8	E.S.E.	Light.	0.6	Much haze.			
	18	0	29.636	63.5	59.2	E.S.E.	Moderate gale.	0.6	Cum., and much haze.			
	19	0	29.658	63.5	59.2	S. by E.	Strong.	0.5	A few drops of rain ; much haze.			
	20	0	29.675	60.3	57.0	E.S.E.	Strong.	0.5	A few drops of rain ; much haze.			
	21	0	29.681	59.0	57.0	S.E. by E.	Gentle.	0.5	Fine, with cum and much haze.			

MAGNETICAL OBSERVATIONS. October 21st and 22d.

DECLINATION. Angular Value of one Scale Division = 0'.502.

21h.	22h.	23h.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.
Sc. Div. 109°0	Sc. Div. 92°6	Sc. Div. 101°6	Sc. Div. 106°2	Sc. Div. 104°0	Sc. Div. 99°7	Sc. Div. 101°2	Sc. Div. 101°5	Sc. Div. 116°1	Sc. Div. 118°3	Sc. Div. 111°8	Sc. Div. 105°0	Sc. Div. 101°2
108°3	88°3	102°0	105°8	105°0	99°8	100°9	103°3	114°1	119°0	111°6	105°0	101°5
107°4	87°0	104°4	105°8	106°0	100°7	100°3	104°2	111°8	118°6	111°4	104°8	101°5
107°0	87°0	105°8	106°2	107°2	100°3	100°1	106°3	110°7	118°4	111°4	104°5	101°7
106°6	89°4	105°0	106°2	107°8	100°3	102°9	106°5	110°9	118°7	110°4	104°0	101°8
106°6	89°2	105°2	106°7	106°6	100°3	100°3	109°8	111°6	118°2	109°6	104°2	102°0
106°8	90°8	106°2	107°2	105°5	98°9	98°2	112°3	113°3	117°8	109°2	104°0	101°4
106°6	94°0	106°6	107°2	104°8	98°8	95°7	114°7	118°0	116°0	107°4	104°2	101°2
104°8	95°0	106°4	107°2	102°3	98°0	97°0	116°6	120°0	114°6	106°6	104°2	100°8
102°8	99°2	106°0	107°2	101°0	98°8	97°7	116°6	120°0	113°6	105°4	104°2	100°2
100°0	99°4	105°7	107°2	99°5	100°8	100°0	116°3	119°5	112°3	105°6	102°8	102°0
96°4	100°0	106°6	107°2	99°0	102°1	100°2	116°8	118°6	111°8	104°9	102°5	103°2

HORIZONTAL FORCE. Change in the Magnetic moment of the Bar for 1° Fahr. = .000093.

23°4	—	23°0	22°8	27°2	31°2	26°0	21°2	22°3	19°0	22°6	23°8	21°5
23°5	10°8	23°2	22°2	28°5	30°9	27°1	24°3	20°9	19°8	22°5	23°8	21°2
23°8	13°2	22°8	22°8	29°3	29°8	26°5	23°0	19°0	20°3	22°8	23°2	21°0
23°0	14°8	22°1	23°0	29°8	29°0	26°0	23°6	17°1	20°8	23°3	23°0	21°0
22°6	16°7	22°0	23°0	29°2	28°4	25°4	24°7	15°7	21°0	23°7	23°0	21°0
23°0	18°3	22°8	23°2	30°5	28°3	25°3	26°5	15°1	21°3	24°3	22°8	20°8
21°6	21°3	22°6	23°5	29°8	25°9	25°8	27°1	14°8	21°5	23°8	22°5	20°8
21°0	23°2	22°8	23°8	29°2	26°7	26°1	26°2	14°8	22°8	23°7	22°5	20°8
18°6	22°8	21°8	24°3	28°2	27°0	25°3	24°9	15°2	23°7	23°8	22°2	20°8
14°8	21°4	21°6	24°8	28°7	27°6	24°1	24°2	15°6	23°8	24°0	22°3	20°8
11°8	22°4	21°7	25°4	30°0	26°7	23°0	23°6	16°6	23°6	24°6	22°3	20°7
9°4	22°7	22°4	26°0	30°2	25°1	22°2	23°3	17°9	22°6	24°4	21°4	20°5
65°6	65°5	65°0	64°8	64°8	64°8	64°4	64°0	63°8	63°6	63°0	62°8	62°8

Induction Inclinometer, one Sc. Div. = 0'.502; p. = 4°8297; u. = 14° 22'.

109°0	100°0	107°8	107°4	109°8	112°1	109°2	107°1	108°0	106°0	108°1	108°2	106°2
109°0	100°0	108°0	107°8	110°2	111°8	109°7	106°2	107°8	106°2	108°4	107°8	106°1
109°0	101°1	107°8	107°6	110°6	111°5	109°9	107°7	106°0	106°8	108°2	108°0	106°3
108°6	102°0	107°4	107°6	110°7	111°1	109°5	107°5	105°2	107°2	108°2	107°7	106°1
108°4	103°2	107°5	107°6	111°1	110°6	108°7	108°3	104°3	107°6	108°4	107°6	106°0
108°4	103°8	107°6	107°6	111°8	110°7	109°4	109°0	103°5	107°2	108°8	107°9	105°8
108°2	105°0	108°0	107°2	111°6	109°2	108°4	110°1	103°4	107°6	108°8	107°8	105°2
107°4	106°6	108°4	107°6	110°8	108°7	108°9	109°7	103°3	108°0	108°4	107°2	105°6
105°8	106°6	107°6	108°2	111°3	109°4	108°7	109°6	103°8	108°6	108°5	106°6	105°8
105°4	107°0	107°0	108°6	110°6	109°3	108°0	108°9	104°0	109°0	108°2	107°1	105°4
102°6	107°0	107°0	108°6	110°3	109°6	107°4	108°4	104°4	109°1	108°5	106°6	105°4
100°6	107°6	106°0	107°9	110°9	109°3	107°2	108°2	105°0	108°8	108°0	106°6	105°6
64°0	64°6	64°1	63°8	64°0	64°2	62°0	61°9	62°7	62°8	62°2	62°0	62°0

Increasing Horizontal Force, and decreasing Inclination.

METEOROLOGICAL OBSERVATIONS.

Mean Göttingen Time.	Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.
		Dry.	Wet.	Direction.	Force.		
D. H. M.	In.	°	°				
21 22 0	29°700	58°2	56°2	S.E. by E.	Light.	0°1	Nearly cloudless; much haze.
23 0 0	29°725	57°0	55°5	S.E. by E.	Gentle.	0°0	Cloudless; watery haze.
22 0 0	29°725	55°6	54°6	—	Calm.	0°0	Cloudless; damp atmosphere.
1 0 0	29°699	54°2	53°7	—	Calm.	0°0	Cum.; damp; hazy atmosphere.
2 0 0	29°689	54°0	53°8	—	Calm.	0°4	Cum.; damp; hazy atmosphere.
3 0 0	29°669	53°8	53°8	N.W.	Light.	0°6	Generally cloudy.
4 0 0	29°631	54°5	54°5	S.W.	Light air.	0°8	Soft dark cum.-strat.; flashes of sheet lightning.
5 0 0	29°593	54°6	54°3	—	Calm.	1°0	Sky covered with a gloomy cloud.
6 0 0	29°539	54°4	54°3	—	Calm.	0°7	Sky mostly covered with filmy haze.
7 0 0	29°494	53°6	53°2	—	Calm.	0°8	Cum. and cum.-strat.
8 0 0	29°450	53°2	53°2	—	Calm.	0°9	Very damp atmosphere, with fog.
9 0 0	29°418	54°8	54°8	—	Calm.	1°0	Very damp atmosphere, with fog.

November 27th and 28th.			MAGNETICAL OBSERVATIONS.										
Mean Göttingen Time.			Angular Value of one Scale Division = 0'502.					DECLINATION.					
			10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
M.	s.		Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
0	0		95'3	96'5	98'0	104'0	107'5	113'0	115'2	115'9	116'0	112'1	
5	0		95'1	96'9	98'0	103'4	107'7	113'0	115'5	116'6	115'3	112'0	
10	0		94'0	96'0	100'0	104'0	108'3	113'8	115'3	116'5	115'7	111'4	
15	0		94'4	96'7	100'2	104'6	109'7	114'2	116'2	116'3	115'2	111'4	
20	0		95'6	97'8	101'0	105'0	111'0	114'7	115'0	116'4	114'8	110'7	
25	0		95'4	98'6	99'8	104'8	111'0	115'0	115'0	116'4	113'9	110'6	
30	0		95'1	100'3	99'8	106'2	111'2	114'8	114'6	116'5	113'2	110'3	
35	0		95'1	99'6	101'0	105'0	111'2	116'6	114'3	116'5	112'7	109'7	
40	0		95'0	100'4	100'8	104'9	112'0	116'8	114'2	117'0	113'0	110'0	
45	0		95'6	98'4	102'7	105'8	113'4	116'5	114'2	117'2	112'7	110'6	
50	0		96'8	97'2	101'4	107'0	113'4	116'2	114'8	116'2	112'8	110'7	
55	0		96'4	98'0	103'3	107'3	113'2	115'7	115'2	116'0	112'3	111'7	
			One Scale Division = '000176 parts of the H. F.					HORIZONTAL FORCE.					
M.	s.												
2	30		12'0	8'6	4'6	4'0	9'5	10'8	10'6	18'0	17'1	17'8	
7	30		12'2	8'3	5'4	4'5	8'8	11'0	12'2	17'8	18'0	17'4	
12	30		12'1	8'2	3'8	5'8	9'2	11'5	14'9	18'0	17'7	18'0	
17	30		12'1	8'0	3'8	7'4	10'4	12'2	15'1	18'0	17'4	17'6	
22	30		12'7	8'1	3'5	6'8	10'7	11'5	15'7	18'3	16'8	16'7	
27	30		11'7	7'5	3'0	7'2	11'3	10'8	16'7	18'2	16'8	16'2	
32	30		11'8	8'1	3'0	9'0	11'8	9'7	16'3	18'2	15'7	15'3	
37	30		11'0	7'3	3'4	8'4	12'0	8'5	18'2	18'6	18'3	14'6	
42	30		10'3	6'5	3'6	7'8	12'3	7'0	17'1	19'7	17'9	15'0	
47	30		10'2	5'3	4'0	8'2	12'7	7'8	16'6	20'0	17'6	15'3	
52	30		10'2	3'8	5'1	8'7	11'8	8'8	16'6	18'0	17'4	16'8	
57	30		9'5	4'7	5'4	9'6	11'2	9'2	17'6	17'3	17'2	17'5	
Thermometer			63'8	63'8	63'8	64'4	65'2	65'5	66'0	66'6	67'2	67'4	67'
			Induction Inclinometer, one Sc. Div. = 0'502; p. = 4'8297; u. = 14° 22'.										
M.	s.												
0	0		103'7	101'8	98'9	99'5	102'9	103'6	103'7	107'9	108'6	108'6	
5	0		102'9	101'2	97'6	99'2	102'1	104'0	104'3	107'9	108'6	108'8	
10	0		103'0	101'3	99'6	99'6	102'0	104'1	105'5	108'3	108'6	108'8	
15	0		103'5	101'0	98'4	99'8	102'7	104'6	106'4	108'5	108'5	109'2	
20	0		103'8	100'6	97'4	100'8	103'4	104'7	106'5	108'7	108'3	108'9	
25	0		103'3	101'2	98'4	101'3	103'4	103'8	107'4	108'9	107'8	108'2	
30	0		103'3	101'5	97'8	101'8	103'4	103'3	107'1	108'9	107'4	108'1	
35	0		103'1	100'7	97'4	101'0	103'6	103'0	107'5	108'9	107'3	107'5	
40	0		102'6	100'4	98'6	101'5	103'8	102'0	107'6	109'6	109'1	106'8	
45	0		102'3	99'8	98'6	101'6	104'7	101'9	107'6	109'7	109'0	107'8	
50	0		102'5	99'2	99'1	102'0	105'0	102'7	107'5	109'2	108'5	107'4	
55	0		102'0	98'8	99'9	102'3	104'4	102'9	107'5	108'6	108'4	108'7	
Thermometer			63'3	63'6	64'2	65'3	66'2	66'3	66'7	67'5	67'8	68'0	68'0
Increasing Numbers denote increasing easterly Declination,													
METEOROLOGICAL OBSERVATIONS.													
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.				
				Dry.	Wet.	Direction.	Force.						
D.	H.	M.	In.	°	°								
27	10	0	30'040	57'6	55'7	S.S.E.	Light air.	1'0	Overcast.				
	11	0	30'032	60'0	57'3	N.N.W.	Light air.	0'9	Nearly overcast.				
	12	0	30'016	63'7	59'5	N.W.byW.	Light air.	0'3	Fine; light hazy cir.-cum.				
	13	0	29'987	67'0	61'8	S.E.	Light air.	0'2	Fine; light hazy cir.-cum.				
	14	0	29'965	67'2	62'2	E.S.E.	Light.	0'0	Fine.				
	15	0	29'931	68'5	63'2	S.E.	Gentle.	0'0	Fine.				
	16	0	29'909	69'3	64'0	S.E.	Gentle.	0'2	Fine; pleasant.				
	17	0	29'899	71'2	65'2	S.E.	Gentle.	0'2	Fine; pleasant.				
	18	0	29'886	71'0	64'8	S.E.	Moderate.	0'2	Fine; cir.-cum. scattered.				
	19	0	29'882	70'2	63'6	S.E.	Fresh.	0'3	Fine; cir.-cum. scattered.				
	20	0	29'898	68'0	62'7	S.E. by S.	Fresh.	0'3	Fine; heavy cir.				
	21	0	29'919	62'8	60'2	S.E.	Fresh.	0'7	Signs of change; fleecy cir. generally diffused.				

MAGNETICAL OBSERVATIONS.												November 27th and 28th.	
DECLINATION.												Angular Value of One Scale Division = 0'.502.	
21h.	22h.	23h.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	
Sc. Div. 106.8	Sc. Div. 100.8	Sc. Div. 102.5	Sc. Div. 105.9	Sc. Div. 109.0	Sc. Div. 109.5	Sc. Div. 106.0	Sc. Div. 107.0	Sc. Div. 110.4	Sc. Div. 112.4	Sc. Div. 100.2	Sc. Div. 99.2	Sc. Div. 95.7	
105.5	98.7	102.2	106.5	108.5	109.0	106.0	106.8	109.4	113.2	100.2	100.0	95.4	
106.7	97.2	102.8	105.9	108.7	109.4	106.2	106.8	108.4	113.2	100.5	99.8	95.0	
107.1	98.0	103.3	106.1	108.2	109.8	106.6	106.3	106.8	112.0	100.8	99.0	95.0	
107.2	99.5	103.5	106.5	108.5	110.0	106.8	106.6	106.0	109.3	100.8	98.0	93.8	
108.5	100.2	103.5	106.3	109.0	109.8	107.0	107.0	105.4	108.8	100.6	97.0	95.8	
108.8	99.8	103.8	106.5	109.6	110.0	107.2	107.2	105.6	106.6	100.5	96.7	95.2	
108.5	100.5	104.2	107.2	109.0	108.2	107.2	108.8	107.0	104.8	100.3	96.4	94.2	
108.0	101.3	105.0	107.8	109.0	108.2	107.7	109.8	108.2	103.8	100.8	96.4	94.6	
107.2	102.2	105.8	108.2	108.2	108.3	107.8	111.0	109.0	103.2	100.0	96.3	95.0	
106.7	102.5	105.8	108.8	108.8	107.6	106.7	111.0	109.6	102.4	100.0	96.0	95.0	
103.5	102.5	106.0	109.2	109.2	107.2	107.0	110.8	111.4	101.3	100.0	95.8	94.6	

HORIZONTAL FORCE.												Change in the Magnetic moment of the Bar for 1° Fah. = .000093.	
18.5	16.5	14.8	11.0	11.3	12.3	14.8	14.6	15.8	13.0	10.8	10.4	1.0	
17.2	17.8	15.2	11.0	12.8	14.8	15.0	14.8	15.4	13.3	10.8	10.8	2.3	
16.0	19.2	15.3	11.8	12.7	15.0	15.4	14.8	15.4	14.2	11.0	10.0	3.3	
15.3	19.3	14.8	12.3	16.2	15.3	15.4	14.6	15.5	14.0	11.0	8.3	3.5	
14.1	18.8	14.5	12.1	17.0	15.6	15.4	14.6	15.4	14.8	10.7	7.5	3.7	
—	17.8	14.2	11.5	15.2	15.4	15.4	14.4	15.4	13.8	10.2	7.2	4.0	
14.7	17.2	14.0	11.3	14.3	15.3	15.3	14.4	15.2	13.2	9.8	7.6	—	
14.3	16.8	14.0	11.6	14.3	15.3	15.2	14.6	15.0	12.8	10.0	7.4	4.6	
15.2	16.2	14.0	11.6	15.1	15.4	15.2	14.8	14.8	12.8	10.0	7.1	4.2	
14.1	15.8	14.0	11.4	15.0	15.4	15.2	14.9	14.4	12.8	9.5	7.2	9.0	
14.2	15.2	12.8	11.4	14.3	15.3	15.0	15.2	14.0	12.2	9.7	7.2	9.1	
15.0	15.2	12.7	11.0	12.3	15.3	14.8	15.6	14.0	11.5	9.8	7.7	9.2	
67.9	67.9	68.0	67.8	67.5	67.2	67.0	67.0	66.8	66.6	66.6	66.7	66.3	

Induction Inclinometer, one Sc. Div. = 0'.502; p. = 4.8297; u. = 14° 22'.

110.1	107.8	107.9	106.7	107.6	107.4	107.8	105.8	107.8	105.6	104.6	103.6	102.2
109.1	108.0	107.6	106.2	107.7	107.6	107.6	105.8	107.7	107.2	104.6	104.2	102.0
108.6	109.2	107.8	105.9	107.9	107.2	107.2	105.8	107.4	106.6	104.3	103.4	101.6
108.0	109.6	107.5	106.6	108.4	107.6	106.8	106.0	107.4	106.8	104.6	104.5	101.8
107.5	109.3	107.3	106.3	107.9	107.8	106.8	106.0	107.4	107.3	104.1	103.0	102.0
107.7	109.2	107.3	106.5	107.3	108.5	106.6	106.0	107.2	107.1	104.0	102.8	101.8
107.4	108.6	107.0	106.1	107.2	108.6	106.4	105.8	107.0	106.5	103.9	103.1	102.1
107.4	108.3	107.2	106.5	107.6	108.4	106.4	105.4	106.8	105.8	104.1	103.0	101.8
107.6	108.1	106.8	106.4	107.6	108.6	106.6	105.8	106.9	105.8	104.0	103.1	102.0
107.2	107.7	106.6	106.4	107.9	108.6	106.4	106.2	106.4	105.6	104.6	102.9	102.4
107.0	107.8	106.8	106.0	107.7	108.2	106.4	106.6	106.2	105.4	104.1	102.7	101.8
107.3	108.1	106.9	107.1	107.2	108.2	106.1	107.0	106.0	104.9	103.6	102.3	101.7
67.8	67.3	67.0	66.8	66.3	66.2	66.0	65.8	65.8	65.6	65.8	66.0	65.4

increasing Horizontal Force, and decreasing Inclination.

METEOROLOGICAL OBSERVATIONS.

Mean Göttingen Time.			Barometer at 32°.		Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.
D.	H.	M.	In.	°	°	Direction.	Force.			
27	22	0	29.940	59.3	58.7	S.E.	Moderate.	1.0	Low vaporous mist, with damp atmosphere.	
23	0	0	29.944	58.4	57.8	S.E.	Moderate.	1.0	Overcast.	
28	0	0	29.963	58.0	57.8	S.E.	Gentle.	1.0	Overcast; misty cum.	
1	0	0	29.963	58.2	58.0	—	Calm.	1.0	Overcast; gloomy; lightning in S.E.	
2	0	0	29.951	58.8	58.0	—	Calm.	1.0	Overcast.	
3	0	0	29.973	58.0	57.8	—	Calm.	1.0	Overcast, with an unbroken watery cloud.	
4	0	0	29.969	58.0	57.4	—	Calm.	1.0	Overcast, with an unbroken watery cloud.	
5	0	0	29.961	58.2	57.4	—	Calm.	1.0	Overcast, with an unbroken watery cloud.	
6	0	0	29.932	57.5	57.0	—	Calm.	1.0	Overcast.	
7	0	0	29.938	57.8	56.8	—	Calm.	1.0	Overcast.	
8	0	0	29.944	57.8	56.8	—	Calm.	1.0	Overcast; gloomy.	
9	0	0	29.958	58.5	57.5	—	Calm.	1.0	Overcast, with light fog; a little misty rain.	

VAN DIEMEN ISLAND, 1846.

METEOROLOGICAL OBSERVATIONS.

BAROMETRIC PRESSURE.													
Barometer at 32° = 28 English inches + the numbers in the Table.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
JANUARY.	1	1.333	1.337	1.330	1.311	1.288	1.277	1.260	1.246	1.259	1.264	1.257	1.254
	2	1.234	1.204	1.219	1.211	—	1.178	1.178	1.178	1.217	1.217	1.214	1.290
	3	1.654	1.671	1.677	—	—	—	—	—	—	—	—	—
	4	—	—	—	1.793	1.767	1.755	1.760	1.760	1.774	1.754	1.750	1.743
	5	1.670	1.673	1.668	1.667	1.658	1.660	1.662	1.684	1.720	1.741	1.767	1.777
	6	1.888	1.884	1.873	1.853	1.832	1.814	1.797	1.786	1.804	1.808	1.803	1.797
	7	1.636	1.624	1.616	1.606	1.596	1.586	1.580	1.542	1.528	1.536	1.524	1.506
	8	1.495	1.508	1.454	1.475	1.475	1.442	1.434	1.416	1.411	1.400	1.438	1.475
	9	1.721	1.736	1.745	1.758	1.760	1.771	1.775	—	1.787	1.822	1.842	1.851
	10	1.861	1.871	1.883	—	—	—	—	—	—	—	—	—
	11	—	—	—	1.854	1.837	1.815	1.781	1.775	1.769	1.771	1.773	1.759
	12	1.633	1.618	1.696	1.686	1.580	1.574	1.566	1.555	1.566	1.596	1.617	1.620
	13	1.813	1.827	1.843	1.846	1.841	1.848	1.855	1.860	1.880	1.894	1.918	1.925
	14	1.905	1.898	1.863	1.853	1.850	1.818	1.814	1.792	1.790	1.791	1.821	1.821
	15	1.771	1.757	1.748	1.727	1.711	1.702	1.694	1.686	1.690	1.692	1.695	1.688
	16	1.603	1.601	1.602	1.598	1.599	1.597	1.591	1.591	1.623	1.645	1.663	1.681
	17	1.631	1.580	1.552	—	—	—	—	—	—	—	—	—
	18	—	—	—	1.401	1.388	1.378	1.371	1.363	1.363	1.393	1.391	1.390
	19	—	—	—	1.523	1.506	1.546	1.524	1.547	1.566	1.584	1.616	1.631
	20	1.379	1.306	1.257	1.221	1.220	1.250	1.282	1.323	—	—	—	—
	21	1.646	1.629	1.627	1.613	1.603	1.595	1.603	1.613	1.632	1.658	1.693	1.719
	22	1.905	1.897	1.887	1.871	1.857	1.841	1.835	1.839	1.846	1.827	1.822	1.817
	23	1.730	1.719	1.686	1.667	1.640	1.626	1.596	1.588	1.584	1.580	1.576	1.563
	24	1.693	1.719	1.725	—	—	—	—	—	—	—	—	—
	25	—	—	—	1.617	1.605	1.593	1.599	1.591	1.601	1.585	1.582	1.572
	26	1.686	1.699	1.702	1.699	1.728	1.724	1.722	1.745	1.749	1.759	1.765	1.770
	27	1.589	1.576	1.550	1.520	1.503	1.501	1.497	1.489	1.511	1.530	1.542	1.563
	28	1.666	1.650	1.651	1.647	1.633	1.617	1.630	1.626	1.631	1.641	1.650	1.671
	29	1.688	1.698	1.694	1.690	1.690	1.698	1.699	1.703	1.710	1.724	1.731	1.710
	30	1.456	1.422	1.426	1.447	1.472	1.492	1.506	1.526	1.543	1.563	1.606	1.650
Hourly Means	1.6514	1.6442	1.6390	1.6213	1.6277	1.6038	1.6004	1.5930	1.6222	1.6310	1.6422	1.6497	
FEBRUARY.	Jan. 31	1.897	1.892	1.882	—	—	—	—	—	—	—	—	
	1	—	—	—	1.677	1.654	1.640	1.629	1.619	1.634	1.597	1.587	1.568
	2	1.597	1.585	1.580	1.579	—	1.520	1.521	1.485	1.481	1.478	1.482	1.468
	3	1.392	1.380	1.369	1.349	1.335	1.315	1.297	1.301	1.325	1.338	1.363	1.378
	4	1.530	1.537	1.533	1.533	1.533	1.519	1.513	1.503	1.509	1.513	1.518	1.511
	5	1.508	1.495	1.493	1.493	1.486	1.488	1.480	1.464	1.462	1.459	1.464	1.449
	6	1.485	1.501	1.512	1.518	—	1.485	1.494	1.484	1.494	1.484	1.490	1.482
	7	1.607	1.610	1.621	—	—	—	—	—	—	—	—	—
	8	—	—	—	1.943	1.922	1.928	1.940	1.966	1.988	1.998	2.024	2.038
	9	1.810	1.784	1.754	1.720	1.686	1.635	1.605	1.585	1.559	1.533	1.507	1.457
	10	0.924	0.971	0.987	1.027	—	—	—	—	—	1.124	1.160	1.158
	11	1.281	1.291	1.277	1.267	—	1.257	1.259	1.261	1.281	1.294	1.319	1.338
	12	1.430	1.452	1.475	1.491	1.508	1.533	1.554	1.570	1.614	1.639	1.668	1.681
	13	1.767	1.772	1.767	1.763	1.765	1.769	1.769	1.784	1.800	1.814	1.830	1.853
	14	2.014	2.025	2.039	—	—	—	—	—	—	—	—	—
	15	—	—	—	2.106	2.096	2.090	2.080	2.074	2.070	2.064	2.070	2.064
	16	1.918	1.899	1.871	1.864	1.834	1.810	1.790	1.778	—	1.774	1.774	1.772
	17	1.854	1.860	1.861	1.858	1.860	1.862	1.865	1.868	1.882	1.897	1.926	1.942
	18	2.015	2.020	2.023	2.026	2.023	2.018	2.018	2.015	2.026	2.036	2.038	2.044
	19	1.896	1.876	1.851	1.820	1.778	1.742	1.706	1.687	1.668	1.651	1.615	1.592
	20	1.328	1.322	1.308	1.298	—	—	1.244	1.230	1.212	1.200	1.180	1.151
	21	0.925	0.920	0.904	—	—	—	—	—	—	—	—	—
	22	—	—	—	1.006	1.002	0.998	0.999	1.001	1.017	1.031	1.057	1.079
	23	1.324	1.350	1.361	1.381	1.385	1.389	1.408	1.426	1.468	1.472	1.491	1.496
	24	1.459	1.475	1.479	1.491	—	1.511	1.535	1.551	1.581	1.593	1.613	1.633
	25	1.528	1.508	1.508	1.480	1.448	1.424	1.396	1.372	1.360	1.346	1.320	1.273
	26	1.579	1.609	1.612	1.624	1.618	1.636	1.638	1.674	1.691	1.703	1.728	1.762
	27	1.858	1.845	1.823	1.816	1.806	1.790	1.771	1.741	1.745	1.741	1.748	1.740
Hourly Means	1.5803	1.5825	1.5788	1.5887	1.6522	1.6072	1.5883	1.5843	1.5849	1.5741	1.5822	1.5804	

BAROMETRIC PRESSURE.												
Barometer at 32° = 28 English inches + the numbers in the Table.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
1.226	1.214	1.200	1.176	1.186	1.168	1.170	1.172	1.166	1.146	1.191	1.191	1.2342
1.321	1.360	1.395	1.408	1.421	1.456	1.474	1.500	1.551	1.578	1.602	1.637	1.3497
—	—	—	—	—	—	—	—	—	—	—	—	1.6973
1.727	1.709	1.689	1.669	1.654	1.627	1.626	1.610	1.612	1.626	1.654	1.674	1.7560
1.785	1.791	1.796	1.802	1.804	1.798	1.804	1.816	1.832	1.840	1.859	1.871	1.7624
1.784	1.778	1.752	1.723	1.711	1.697	1.687	1.665	1.647	1.643	1.637	1.634	1.4958
1.471	1.444	1.435	1.385	1.339	1.367	1.397	1.415	1.431	1.417	1.446	1.472	1.5085
1.491	1.497	1.508	1.524	1.527	1.537	1.558	1.578	1.596	1.618	1.652	1.696	1.8061
1.863	1.854	1.836	1.837	1.829	1.815	1.815	1.820	1.813	1.821	1.827	1.843	—
—	—	—	—	—	—	—	—	—	—	—	—	1.7341
1.744	1.718	1.695	1.677	1.654	1.645	1.628	1.615	1.623	1.624	1.622	1.625	1.6443
1.620	1.631	1.639	1.645	1.655	1.660	1.666	1.678	1.696	1.726	1.755	1.786	1.8787
1.921	1.913	1.901	1.897	1.881	1.879	1.876	1.875	1.873	1.897	1.909	1.916	1.7952
1.817	1.794	1.771	1.763	1.740	1.725	1.721	1.728	1.734	1.752	1.757	1.768	1.6517
1.657	1.638	1.621	1.605	1.584	1.560	1.543	1.556	1.561	1.575	1.586	1.594	1.6295
1.671	1.652	1.654	1.650	1.648	1.638	1.632	1.626	1.635	1.645	1.632	1.632	—
—	—	—	—	—	—	—	—	—	—	—	—	1.4556
1.408	1.422	1.440	1.472	1.450	1.480	1.492	1.484	1.494	1.518	1.538	1.536	1.5822
1.625	1.633	1.648	1.625	1.621	1.642	1.622	1.594	1.588	1.575	1.533	1.478	1.4640
1.537	1.546	1.550	1.556	1.572	1.587	1.588	1.599	1.593	1.629	1.640	1.646	1.7237
1.739	1.751	1.766	1.778	1.795	1.805	1.814	1.814	1.824	1.863	1.889	1.899	1.8041
1.811	1.803	1.791	1.780	1.757	1.746	1.727	1.728	1.732	1.727	1.723	1.729	1.6011
1.563	1.555	1.547	1.545	1.544	1.544	1.553	1.553	1.567	1.595	1.639	1.667	—
—	—	—	—	—	—	—	—	—	—	—	—	1.5923
1.534	1.514	1.518	1.518	1.510	1.519	—	1.535	1.583	1.617	1.633	1.661	1.6981
1.767	1.747	1.722	1.715	1.697	1.663	1.651	1.617	1.613	1.616	1.609	1.590	1.5730
1.574	1.576	1.577	1.596	1.610	1.607	1.609	1.627	1.635	1.643	1.661	1.666	1.6494
1.667	1.677	1.684	1.675	1.658	1.641	1.628	1.628	1.627	1.643	1.664	1.680	1.6264
1.679	1.655	1.628	1.607	1.584	1.540	1.513	1.496	1.491	1.482	1.465	1.458	1.6367
1.660	1.690	1.711	1.722	1.726	1.727	1.774	1.779	1.809	1.831	1.854	1.888	—
1.6408	1.6370	1.6336	1.6288	1.6214	1.6182	1.6227	1.6195	1.6279	1.6403	1.6530	1.6630	1.6304
—	—	—	—	—	—	—	—	—	—	—	—	1.6132
1.552	1.536	1.533	1.515	1.487	1.492	1.511	1.561	1.544	1.548	1.572	1.590	1.4132
1.438	1.386	1.352	1.348	1.336	1.266	1.218	1.212	1.210	1.288	1.316	1.357	1.3855
1.373	1.356	1.396	1.398	1.414	1.412	1.412	1.439	1.455	1.467	1.486	1.503	1.5039
1.524	1.508	1.482	1.486	1.475	1.468	1.453	1.477	1.467	1.486	1.500	1.516	1.4393
1.415	1.391	1.367	1.364	1.386	1.382	1.396	1.384	1.394	1.411	1.446	1.462	1.4938
1.486	1.482	1.453	1.454	1.489	1.484	1.458	1.478	1.491	1.516	1.553	1.585	—
—	—	—	—	—	—	—	—	—	—	—	—	1.8984
2.027	2.011	1.986	1.974	1.948	1.925	1.893	1.868	1.844	1.829	1.835	1.837	1.3349
1.404	1.352	1.280	1.201	1.106	1.008	0.926	0.892	0.847	0.788	0.774	0.824	1.1599
1.179	1.203	1.195	1.196	1.203	1.223	1.221	1.239	1.237	1.242	1.277	1.273	1.3311
1.356	1.367	1.369	1.352	1.354	1.354	1.368	1.380	1.374	1.387	1.406	1.424	1.6220
1.693	1.691	1.697	1.689	1.677	1.667	1.661	1.672	1.676	1.708	1.732	1.749	1.8414
1.859	1.862	1.861	1.856	1.857	1.873	1.875	1.893	1.913	1.936	1.960	1.995	—
—	—	—	—	—	—	—	—	—	—	—	—	2.0163
2.057	2.034	2.008	1.980	1.973	1.951	1.944	1.939	1.936	1.933	1.927	1.917	1.7878
1.760	1.739	1.717	1.717	1.725	1.723	1.731	1.749	1.763	1.783	1.805	1.824	1.9126
1.947	1.940	1.936	1.923	1.922	1.923	1.928	1.940	1.952	1.965	1.987	2.004	1.9914
2.033	2.009	1.995	1.980	—	1.959	1.947	1.926	1.919	1.919	1.911	1.903	1.5564
1.571	1.532	1.493	1.437	1.401	1.376	1.318	1.292	1.249	1.241	1.262	1.300	1.0911
1.101	1.077	1.033	1.003	0.964	0.928	0.914	0.896	0.888	0.891	0.910	0.927	—
—	—	—	—	—	—	—	—	—	—	—	—	1.0582
1.083	1.057	1.065	1.061	1.048	1.075	1.081	1.113	1.145	1.198	1.241	1.290	1.4251
1.487	1.484	1.474	1.471	1.448	1.426	1.408	1.385	1.388	1.396	1.432	1.452	1.5751
1.650	1.666	1.659	1.642	1.633	1.614	1.587	1.565	1.559	1.549	1.551	1.548	1.4174
1.290	1.312	1.345	1.368	1.400	—	1.434	1.451	1.487	1.488	1.513	1.550	1.7366
1.782	1.792	1.798	1.797	1.803	1.811	1.815	1.825	1.825	1.831	1.847	1.859	1.7348
1.737	1.732	1.701	1.683	1.672	1.664	1.662	1.668	1.668	1.656	1.677	1.689	—
1.5752	1.5633	1.5498	1.5373	1.5096	1.5219	1.5067	1.5102	1.5096	1.5190	1.5383	1.5574	1.5558

BAROMETRIC PRESSURE.													
Barometer at 32° = 28 English inches + the numbers in the Table.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
FEB. 28 MARCH.	1	1.697	1.693	1.693	—	—	—	—	—	—	—	—	
	2	1.961	1.972	1.970	1.912	1.882	1.870	1.859	1.847	1.858	1.866	1.898	1.879
	3	1.840	1.801	1.767	1.975	1.976	1.976	1.972	1.970	—	1.995	2.022	2.042
	4	1.925	1.911	1.905	1.737	1.701	1.691	1.667	1.655	1.656	1.650	1.654	1.636
	5	1.608	1.622	1.635	1.884	1.858	1.824	1.798	1.776	1.759	1.767	1.732	1.713
	6	1.978	1.967	1.984	1.649	1.678	1.694	1.701	1.686	1.740	1.766	1.786	1.790
	7	1.851	1.859	1.851	1.989	1.998	2.002	2.008	1.998	2.002	2.006	2.015	1.991
	8	—	—	—	1.917	1.897	1.891	1.883	1.885	1.883	1.883	1.885	1.879
	9	1.819	1.817	1.811	1.806	1.802	1.795	1.802	1.812	1.833	1.849	1.873	1.892
	10	1.966	1.969	1.970	1.971	—	1.958	1.952	1.944	1.945	1.959	1.968	1.980
	11	2.017	2.019	2.022	2.022	2.024	2.017	2.022	2.025	2.036	2.060	2.069	2.080
	12	2.089	2.082	2.074	2.062	2.052	2.053	2.035	2.034	2.032	2.028	2.029	2.028
	13	1.777	1.765	1.747	1.739	1.728	1.703	1.681	1.660	1.651	1.617	1.599	1.595
	14	1.715	1.754	1.774	—	—	—	—	—	—	—	—	—
	15	—	—	—	2.131	2.124	2.130	2.134	2.156	—	2.183	2.193	2.199
	16	2.176	2.183	2.185	2.173	2.166	2.160	2.152	2.142	2.136	2.135	2.135	2.137
	17	1.985	1.975	1.962	1.948	1.924	1.908	1.894	1.881	1.885	1.883	1.893	1.891
	18	1.699	1.667	1.651	1.637	1.618	1.586	1.567	1.567	1.579	1.591	1.615	1.642
	19	1.850	1.856	1.858	1.842	1.852	1.836	1.823	1.833	1.822	1.834	1.837	1.835
	20	1.723	1.690	1.658	1.628	1.596	1.590	1.562	1.570	1.582	1.587	1.601	1.615
	21	1.718	1.718	1.718	—	—	—	—	—	—	—	—	—
	22	—	—	—	1.820	1.823	1.807	1.783	1.766	1.762	1.752	1.752	1.742
	23	1.721	1.708	1.692	1.677	1.663	1.637	1.611	1.578	1.540	1.532	1.511	1.496
	24	1.792	1.802	1.812	1.822	1.834	1.850	1.854	1.862	1.890	1.918	1.930	1.954
	25	1.873	1.856	1.824	1.794	1.756	1.726	1.688	1.666	1.642	1.650	1.632	1.610
	26	1.439	1.448	1.438	1.446	1.435	1.437	1.425	1.428	1.440	1.454	1.455	1.463
	27	1.443	1.449	1.443	1.443	1.431	1.430	1.416	1.413	—	1.407	1.417	1.429
	28	1.592	1.601	1.618	—	—	—	—	—	—	—	—	—
	29	—	—	—	1.878	1.866	1.844	1.822	1.798	1.786	1.778	1.780	1.780
	30	1.669	1.674	1.676	1.689	1.679	1.670	1.666	1.669	1.679	1.690	1.696	1.710
	31	1.888	1.914	1.920	1.927	1.941	1.937	1.933	1.941	1.955	1.965	1.991	2.006
	Hourly Means	1.8078	1.8064	1.8021	1.8340	1.8194	1.8156	1.8043	1.7986	1.7955	1.8076	1.8136	1.8153
APRIL.	1	2.010	2.004	1.998	2.004	2.004	2.002	2.002	2.002	2.014	2.020	2.052	2.060
	2	2.085	2.083	2.091	2.079	2.066	2.056	2.038	2.028	2.028	2.028	2.052	2.048
	3	1.935	1.926	1.900	1.882	1.860	1.838	1.816	1.800	1.791	1.797	1.792	1.790
	4	1.699	1.707	1.711	—	—	—	—	—	—	—	—	—
	5	—	—	—	1.866	1.862	1.864	1.856	1.856	1.872	1.886	1.889	1.898
	6	1.842	1.838	1.832	1.818	1.818	1.824	1.831	1.843	1.868	1.890	1.916	1.954
	7	2.054	2.050	2.032	2.030	2.033	2.020	2.014	1.994	1.990	1.974	1.994	2.008
	8	1.965	1.963	1.960	1.944	1.934	1.926	1.912	1.906	—	1.908	1.910	1.914
	9	1.664	1.646	1.619	—	—	—	—	—	—	—	—	—
	10	—	—	—	1.161	1.120	1.078	1.044	1.009	0.982	0.995	0.965	0.983
	11	0.917	0.964	1.040	—	—	—	—	—	—	—	—	—
	12	—	—	—	1.309	1.307	1.309	1.313	1.347	1.357	1.351	1.353	1.349
	13	1.232	1.244	1.278	1.314	1.341	1.374	1.402	1.412	1.461	1.487	1.500	1.548
	14	1.541	1.511	1.488	1.452	1.411	1.364	1.334	1.300	1.286	1.274	1.265	1.232
	15	1.565	1.590	1.611	1.626	1.662	1.668	1.667	1.671	—	1.721	1.733	1.782
	16	1.976	1.968	1.962	1.970	1.946	1.936	1.924	1.912	1.918	1.918	1.899	1.916
	17	1.789	1.787	1.780	1.760	1.740	1.744	1.742	1.750	—	1.778	1.802	1.798
	18	1.736	1.726	1.706	—	—	—	—	—	—	—	—	—
	19	—	—	—	1.524	1.494	1.494	1.524	1.564	1.593	1.634	1.686	1.724
	20	1.952	1.960	1.948	1.944	1.946	1.946	1.934	1.930	1.932	1.932	1.944	1.968
	21	2.102	2.114	2.121	2.118	2.120	2.110	2.098	2.099	2.111	2.121	2.129	2.146
	22	2.198	2.197	2.199	2.186	2.176	2.159	2.143	2.120	2.120	2.118	2.112	2.121
	23	2.015	2.026	2.017	2.027	2.025	2.026	2.008	2.010	2.023	2.024	2.018	2.038
	24	1.974	1.974	1.972	1.950	1.947	1.934	1.915	1.908	1.900	1.903	1.904	1.910
	25	1.732	1.724	1.705	—	—	—	—	—	—	—	—	—
	26	—	—	—	1.410	1.402	1.381	1.355	1.351	1.356	1.352	1.368	1.376
	27	1.296	1.296	1.288	1.284	1.279	1.261	1.261	1.261	1.262	1.270	1.278	1.286
	28	1.380	1.377	1.394	1.414	1.421	1.427	1.437	1.453	—	1.512	1.550	1.578
	29	1.685	1.666	1.654	1.640	1.626	1.626	1.592	1.588	—	1.589	1.586	1.595
	30	1.783	1.800	1.808	1.820	1.826	1.830	1.835	1.841	1.868	1.877	1.887	1.893
	Hourly Means	1.7651	1.7656	1.7646	1.7413	1.7346	1.7279	1.7199	1.7182	1.7366	1.7344	1.7434	1.7562

* Good Friday.

BAROMETRIC PRESSURE.

Barometer at 32° = 28 English inches + the numbers in the Table.

12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
—	—	—	—	—	—	—	—	—	—	—	—	1.1853
1.884	1.865	1.870	1.857	1.859	1.856	1.862	1.872	1.874	1.889	1.923	1.962	1.9616
2.029	2.028	2.011	1.997	1.955	1.934	1.922	1.905	1.901	1.884	1.883	1.856	1.7225
1.631	1.649	1.661	1.677	1.671	1.689	1.717	1.758	1.799	1.830	1.891	1.912	1.6754
1.705	1.674	1.614	1.550	1.497	1.470	1.449	1.451	1.447	1.450	1.488	1.563	1.7658
1.787	1.799	1.787	1.787	1.798	1.792	1.807	1.838	1.867	1.888	1.923	1.952	1.9521
2.004	1.985	1.945	1.925	1.913	1.910	1.892	1.877	1.863	1.842	1.877	1.879	1.8474
—	—	—	—	—	—	—	—	—	—	—	—	1.8659
1.878	1.876	1.845	1.810	1.792	1.789	1.775	1.782	1.788	1.801	1.812	1.825	1.9651
1.903	1.912	1.906	1.896	1.890	1.888	1.887	1.896	1.900	1.907	1.928	1.938	2.0495
1.984	1.984	1.967	1.943	1.933	1.919	1.931	1.943	1.947	1.969	1.988	2.008	1.9527
2.087	2.081	2.078	2.073	2.062	2.045	2.039	2.041	2.045	2.064	2.075	2.086	1.6230
2.012	1.993	1.963	1.917	1.877	1.839	1.809	1.783	1.763	1.763	1.768	1.779	1.1060
1.578	1.555	1.511	1.497	1.455	1.458	1.512	1.575	1.598	1.607	1.656	1.688	2.0862
—	—	—	—	—	—	—	—	—	—	—	—	1.8420
2.208	2.209	2.195	2.173	2.157	2.146	2.137	2.130	2.132	2.137	2.153	2.168	1.6910
2.128	2.113	2.072	2.955	2.017	1.997	1.993	1.953	1.959	1.964	1.972	1.987	1.8064
1.873	1.855	1.830	1.799	1.773	1.744	1.736	1.721	1.711	1.712	1.712	1.713	1.6116
1.690	1.721	1.730	1.737	1.750	1.758	1.765	1.777	1.788	1.796	1.811	1.842	1.7255
1.831	1.825	1.805	1.795	1.771	1.761	1.749	1.747	1.750	1.749	1.751	1.737	1.6067
1.610	1.639	1.592	1.574	1.554	1.560	1.565	1.575	1.601	1.630	1.671	1.700	1.8955
—	—	—	—	—	—	—	—	—	—	—	—	1.5963
1.732	1.707	1.683	1.677	1.665	1.665	1.668	1.669	1.671	1.692	1.705	1.718	1.4390
1.480	1.522	1.510	1.526	1.551	1.570	1.582	1.625	1.659	1.680	1.727	1.762	1.4411
1.970	1.987	1.979	1.956	1.945	1.934	1.907	1.908	1.896	1.899	1.894	1.897	1.7154
1.563	1.529	1.507	1.483	1.466	1.449	1.435	1.425	1.425	1.435	1.435	1.443	1.7161
1.476	1.451	1.446	1.438	1.426	1.410	1.424	1.439	1.432	1.422	1.420	1.445	1.9680
1.427	1.440	1.409	1.403	1.395	1.391	1.412	1.441	1.487	1.517	1.543	1.560	1.7957
—	—	—	—	—	—	—	—	—	—	—	—	2.0482
1.760	1.727	1.701	1.683	1.659	1.650	1.642	1.640	1.634	1.635	1.634	1.661	2.0071
1.712	1.714	1.683	1.709	1.701	1.709	1.725	1.764	1.769	1.818	1.845	1.870	1.7544
2.016	2.024	2.022	1.997	1.986	1.978	1.976	1.970	1.987	1.992	1.958	2.008	1.8317
1.8133	1.8098	1.7897	1.7753	1.7599	1.7523	1.7525	1.7594	1.7664	1.7767	1.7942	1.8140	1.9411
2.074	2.092	2.087	2.099	2.093	—	2.082	2.076	2.077	2.080	2.086	2.091	1.9870
2.048	2.040	2.012	1.975	1.945	1.939	1.929	1.913	1.913	1.914	1.922	1.938	1.8573
1.754	1.747	1.712	1.698	1.669	1.655	1.637	1.632	1.637	1.650	1.672	1.685	1.0500
—	—	—	—	—	—	—	—	—	—	—	—	1.2219
1.898	1.876	1.858	1.852	1.827	1.807	1.821	1.801	1.805	1.796	1.815	1.840	1.4575
1.990	2.009	2.019	2.023	2.018	2.018	2.026	2.029	2.031	2.043	2.052	2.055	1.3508
2.003	1.992	1.984	1.969	1.949	1.937	1.938	1.937	1.939	1.937	1.948	1.963	1.8037
1.909	1.886	1.875	1.851	1.803	1.789	1.769	1.743	1.730	1.721	1.708	1.692	1.8748
0.971	0.963	0.967	0.951	0.937	0.907	0.887	0.826	0.860	0.872	0.885	0.908	1.7773
—	—	—	—	—	—	—	—	—	—	—	—	1.7359
1.312	1.279	1.250	1.190	1.162	1.143	1.143	1.127	1.155	1.186	1.238	1.225	1.9778
1.547	1.550	1.538	1.534	1.508	1.520	1.516	1.512	1.525	1.540	1.549	1.548	2.083
1.208	1.173	1.203	1.228	1.262	1.288	1.333	1.364	1.402	1.462	1.505	1.534	2.1343
1.844	1.855	1.876	1.902	1.899	1.932	1.960	1.974	1.980	1.981	1.990	1.995	2.0967
1.896	1.881	1.860	1.838	1.825	1.812	1.792	1.790	1.771	1.783	1.795	1.793	2.0015
1.802	1.803	1.789	1.777	1.781	1.767	1.777	1.775	1.790	1.790	1.792	1.765	1.8599
—	—	—	—	—	—	—	—	—	—	—	—	1.3850
1.769	1.782	1.808	1.822	1.825	1.832	1.854	1.876	1.895	1.918	1.933	1.943	1.2942
1.933	1.992	1.997	1.998	1.991	1.992	1.998	2.001	2.009	2.029	2.058	2.083	1.5377
2.180	2.166	2.168	2.154	2.133	2.126	2.126	2.126	2.129	2.162	2.180	2.184	1.6500
2.112	2.101	2.082	2.062	2.040	2.016	2.013	2.004	2.007	2.013	2.008	2.014	1.8757
2.036	2.022	2.015	1.994	1.983	1.978	1.954	1.944	1.952	1.966	1.972	1.962	—
1.895	1.880	1.856	1.818	1.790	1.771	1.755	1.736	1.728	1.739	1.741	1.738	—
—	—	—	—	—	—	—	—	—	—	—	—	—
1.369	1.366	1.357	1.341	1.313	1.294	1.275	1.275	1.266	1.281	1.293	1.298	—
1.275	1.271	1.288	1.286	1.288	1.296	1.304	1.316	1.327	1.349	1.368	1.370	—
1.588	1.602	1.607	1.601	1.594	1.601	1.602	1.608	1.622	1.647	1.671	1.682	—
1.585	1.604	1.624	1.619	1.641	1.660	1.677	1.700	1.717	1.734	1.762	1.780	—
1.914	1.923	1.922	1.909	1.898	1.895	1.884	1.897	1.902	1.919	1.940	1.947	—
1.7597	1.7542	1.7502	1.7396	1.7270	1.7073	1.7221	1.7193	1.7268	1.7405	1.7553	1.7613	1.7405

BAROMETRIC PRESSURE.													
Barometer at 32° = 28 English inches + the numbers in the Table.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
MAY.	1	1.952	1.954	1.948	1.936	1.930	1.920	1.912	1.907	1.889	1.899	1.874	1.872
	2	1.617	1.611	1.587	—	—	—	—	—	—	—	—	—
	3	—	—	—	1.643	1.639	1.634	1.630	1.624	1.631	1.619	1.625	1.636
	4	1.412	1.385	1.388	1.366	—	—	—	—	—	1.523	1.534	1.544
	5	1.302	1.335	1.362	1.382	1.402	1.428	1.450	1.512	1.539	1.583	1.621	1.679
	6	1.984	1.980	1.986	1.990	1.986	1.975	1.971	1.960	1.984	2.000	2.022	2.038
	7	2.134	2.124	2.116	2.110	2.108	2.080	2.066	2.058	2.052	2.017	2.021	2.018
	8	2.014	2.014	2.016	2.010	1.999	1.992	1.992	1.984	1.976	1.968	1.966	1.967
	9	1.779	1.779	1.799	—	—	—	—	—	—	—	—	—
	10	—	—	—	1.816	1.836	1.876	1.896	1.916	1.948	1.952	1.944	1.949
	11	1.950	1.974	1.966	1.968	1.954	1.956	1.950	1.955	1.952	1.948	1.940	1.947
	12	1.830	1.825	1.811	1.798	—	1.782	1.763	1.756	1.748	1.734	1.730	1.723
	13	1.383	1.429	1.430	1.443	1.438	1.441	1.425	1.418	1.412	1.392	1.379	1.349
	14	1.418	1.445	1.466	1.478	1.506	1.532	1.544	1.562	—	1.597	1.630	1.640
	15	1.512	1.475	1.411	1.347	1.319	1.341	1.291	1.269	1.288	1.275	1.269	1.259
	16	1.403	1.415	1.425	—	—	—	—	—	—	—	—	—
	17	—	—	—	1.166	1.150	1.144	—	1.105	1.099	1.083	1.067	1.057
	18	1.277	1.313	1.320	1.342	1.358	1.383	1.393	1.403	1.414	1.426	1.451	1.473
	19	1.578	1.582	1.587	1.590	1.590	1.596	1.595	1.595	1.600	1.614	1.630	1.640
	20	1.709	1.715	1.722	1.712	1.714	1.722	1.728	1.732	—	1.738	1.748	1.766
	21	1.740	—	1.688	1.660	1.641	1.617	1.598	1.580	1.590	1.638	1.671	1.687
	22	1.922	1.933	1.945	1.956	1.960	1.966	1.966	1.978	2.010	2.031	2.044	2.062
	23	2.182	2.195	2.204	—	—	—	—	—	—	—	—	—
	24	—	—	—	2.193	2.191	2.187	2.180	2.182	2.173	2.168	2.176	2.178
	25	2.022	2.020	2.017	2.005	1.997	1.996	1.990	1.970	—	1.968	1.960	1.949
	26	1.805	1.798	1.788	1.764	1.741	1.719	1.689	1.647	1.620	1.594	1.586	1.575
	27	1.488	1.478	1.465	1.449	1.423	1.415	1.409	1.383	1.368	1.362	1.363	1.371
	28	1.375	1.370	1.363	1.360	1.346	1.340	1.336	1.331	1.320	1.320	1.319	1.317
	29	1.380	1.369	1.373	1.379	1.384	1.394	1.384	1.384	1.382	1.384	1.392	1.422
	30	1.748	1.774	1.793	—	—	—	—	—	—	—	—	—
	31	—	—	—	2.093	2.095	2.113	2.117	2.134	2.136	2.134	2.150	2.154
Hourly Means	1.6891	1.6917	1.6914	1.6906	1.6961	1.7020	1.7198	1.6938	1.6884	1.6907	1.6966	1.7028	
JUNE.	1	2.181	2.180	2.182	2.182	—	2.181	2.180	2.182	2.188	2.192	2.200	2.206
	2	2.237	2.229	2.217	2.207	2.207	2.210	2.211	2.207	2.208	2.208	2.206	2.206
	3	2.054	2.038	2.027	2.003	1.982	1.977	1.969	1.949	1.917	1.907	1.897	1.885
	4	1.595	1.589	1.627	1.650	—	1.653	1.653	1.653	1.653	1.648	1.649	1.641
	5	1.820	1.816	1.792	1.792	1.770	1.760	1.748	1.734	1.728	1.722	1.719	1.724
	6	1.766	1.764	1.780	—	—	—	—	—	—	—	—	—
	7	—	—	—	1.894	1.890	1.886	1.881	1.877	1.865	1.865	1.869	1.881
	8	1.806	1.806	1.806	1.788	—	1.773	1.762	1.748	1.742	1.732	1.726	1.726
	9	1.726	1.730	1.738	1.764	1.768	1.778	1.782	1.798	1.814	1.836	1.860	1.878
	10	2.150	2.166	2.186	2.188	2.196	2.219	2.228	2.232	2.247	2.263	2.275	2.296
	11	2.308	2.308	2.321	2.313	2.311	2.309	2.305	2.301	2.303	2.304	2.305	2.305
	12	2.235	2.229	2.221	2.201	2.200	2.192	2.186	2.185	—	2.181	2.187	2.189
	13	2.158	2.154	2.148	—	—	—	—	—	—	—	—	—
	14	—	—	—	2.167	2.165	2.171	2.173	2.173	2.180	2.196	2.211	2.232
	15	2.279	2.278	2.281	2.276	2.252	2.244	2.233	2.221	2.212	2.212	2.198	2.212
	16	1.896	1.868	1.852	1.830	1.786	1.754	1.720	1.682	—	1.637	1.623	1.595
	17	1.810	1.826	1.840	1.850	1.856	1.864	1.864	1.860	1.870	1.882	1.894	1.908
	18	1.866	1.872	1.876	1.864	1.854	1.858	1.838	1.832	—	—	—	1.842
	19	2.008	2.028	2.050	2.062	2.080	2.087	2.081	2.084	2.100	2.114	2.118	2.126
	20	2.022	2.032	2.040	—	—	—	—	—	—	—	—	—
	21	—	—	—	2.057	2.068	2.072	2.066	2.066	2.074	2.084	2.090	2.089
	22	2.067	2.063	2.066	2.066	2.064	2.064	2.060	2.055	2.063	2.069	2.075	2.075
	23	2.036	2.034	2.028	2.008	—	1.996	1.990	1.995	—	1.995	1.996	1.998
	24	2.016	2.016	2.018	2.000	1.991	1.991	1.981	1.981	1.993	1.989	1.989	2.001
	25	1.865	1.859	1.849	1.825	1.811	1.813	1.797	1.783	1.763	1.755	1.766	1.763
	26	1.698	1.745	1.751	1.776	1.782	1.787	1.794	1.840	1.862	1.880	1.901	1.908
	27	1.977	1.978	1.977	—	—	—	—	—	—	—	—	—
	28	—	—	—	1.786	1.764	1.760	1.748	1.766	1.776	1.784	1.786	1.790
	29	1.576	1.551	1.596	1.588	1.599	1.618	1.632	1.655	1.681	1.724	1.742	1.760
	30	1.958	1.954	1.940	1.922	—	1.901	1.885	1.865	1.852	1.858	1.858	1.884
Hourly Means	1.9658	1.9659	1.9696	1.9638	1.9427	1.9584	1.9526	1.9509	1.9587	1.9615	1.9656	1.9662	

BAROMETRIC PRESSURE.												
Barometer at 32° = 28 English inches + the numbers in the Table.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
1.859	1.826	1.823	1.757	1.734	1.694	1.679	1.668	1.653	1.645	1.629	1.620	1.8158
—	—	—	—	—	—	—	—	—	—	—	—	1.5502
1.614	1.593	1.553	1.509	1.471	1.462	1.466	1.411	1.415	1.425	1.379	1.412	1.4123
1.536	1.521	1.511	1.471	1.432	1.396	1.357	1.327	1.300	1.272	1.265	1.293	1.6512
1.707	1.735	1.768	1.775	1.781	1.811	1.837	1.871	1.894	1.932	1.958	1.964	2.0502
2.067	2.080	2.096	2.097	2.100	2.102	2.112	2.128	2.136	2.130	2.146	2.135	2.0127
1.970	2.005	1.971	1.953	1.926	1.924	1.914	1.927	1.930	1.953	1.952	1.977	1.9157
1.957	1.942	1.911	1.878	1.832	1.824	1.812	1.812	1.782	1.780	1.769	1.781	1.9218
—	—	—	—	—	—	—	—	—	—	—	—	1.9277
1.964	1.980	1.984	1.974	1.974	1.978	1.969	1.965	1.968	1.964	1.959	1.955	1.6445
1.958	1.966	1.964	1.953	1.925	1.892	1.876	1.859	1.854	1.856	1.855	1.846	1.3721
1.706	1.676	1.653	1.607	1.561	1.513	1.479	1.458	1.438	1.425	1.418	1.389	1.5756
1.308	1.283	1.326	1.288	1.273	1.295	1.308	1.331	1.373	1.398	1.415	1.394	1.3136
1.654	1.666	1.675	1.665	1.651	1.625	1.611	1.607	1.597	1.579	1.556	1.534	1.1480
1.256	1.263	1.257	1.249	1.255	1.253	1.263	1.282	1.301	1.347	1.357	1.387	1.4456
—	—	—	—	—	—	—	—	—	—	—	—	1.6170
1.032	1.013	1.007	1.025	1.038	1.060	1.100	1.129	1.181	1.207	1.228	1.269	1.7373
1.478	1.491	1.492	1.483	1.485	1.498	1.504	1.512	1.527	1.540	1.559	1.572	1.7348
1.634	1.631	1.632	1.613	1.586	1.608	1.616	1.620	1.635	1.650	1.686	1.701	2.0444
1.766	1.750	1.740	1.711	1.706	1.710	1.738	1.747	1.765	1.776	1.775	1.768	2.1314
1.722	1.758	1.768	1.765	1.780	1.796	1.825	1.848	1.854	1.878	1.891	1.905	1.9259
2.080	2.101	2.104	2.089	2.075	2.092	2.088	2.094	2.111	2.128	2.157	2.173	1.5787
—	—	—	—	—	—	—	—	—	—	—	—	1.3623
2.176	2.164	2.136	2.111	2.080	2.070	2.056	2.042	2.033	2.025	2.028	2.024	1.3327
1.954	1.942	1.918	1.897	1.870	1.856	1.841	1.834	1.828	1.825	1.827	1.810	1.4738
1.535	1.502	1.467	1.450	1.409	1.421	1.443	1.441	1.451	1.467	1.484	1.492	2.0992
1.353	1.339	1.324	1.293	1.258	1.260	1.260	1.289	1.310	1.334	1.351	1.351	1.6844
1.315	1.304	1.303	1.295	1.283	1.294	1.321	1.335	1.345	1.360	1.362	1.370	2.1893
1.452	1.469	1.482	1.495	1.510	1.521	1.553	1.584	1.619	1.660	1.679	1.721	2.1736
—	—	—	—	—	—	—	—	—	—	—	—	1.8403
2.163	2.175	2.168	2.159	2.148	2.140	2.148	2.160	2.165	2.165	2.174	2.174	1.6791
1.7006	1.6990	1.6936	1.6755	1.6593	1.6575	1.6606	1.6647	1.6717	1.6816	1.6869	1.6930	1.7411
2.207	2.197	2.177	2.181	2.173	2.158	2.177	2.179	2.188	2.203	2.225	2.234	1.8438
2.215	2.203	2.171	2.154	2.128	2.108	2.096	2.095	2.096	2.097	2.083	2.068	1.7232
1.888	1.890	1.850	1.787	1.734	1.689	1.660	1.632	1.610	1.612	1.605	1.605	1.8973
1.632	1.646	1.648	1.664	1.676	1.694	1.723	1.760	1.774	1.784	1.797	1.810	2.2630
1.726	1.728	1.718	1.708	1.693	1.697	1.706	1.718	1.724	1.738	1.748	1.758	2.2830
—	—	—	—	—	—	—	—	—	—	—	—	2.1770
1.889	1.900	1.881	1.854	1.824	1.810	1.806	1.806	1.816	1.811	1.819	1.818	2.2142
1.722	1.727	1.694	1.673	1.662	1.651	1.657	1.663	1.667	1.684	1.704	1.714	2.1431
1.904	1.937	1.945	1.953	1.962	1.974	2.000	2.026	2.054	2.079	2.101	2.129	1.6751
2.310	2.313	2.310	2.305	2.298	2.296	2.299	2.299	2.306	2.304	2.316	2.311	1.8524
2.313	2.310	2.297	2.281	2.261	2.241	2.237	2.225	2.232	2.232	2.235	2.235	1.8725
2.194	2.196	2.180	2.164	2.148	2.140	2.132	2.135	2.138	2.142	2.143	2.152	2.0673
—	—	—	—	—	—	—	—	—	—	—	—	2.0677
2.250	2.263	2.258	2.243	2.233	2.220	2.233	2.239	2.243	2.264	2.295	2.273	2.0580
2.188	2.166	2.138	2.100	2.064	2.034	2.020	1.986	1.987	1.974	1.952	1.928	2.0048
1.581	1.566	1.543	1.513	1.481	1.504	1.570	1.633	1.665	1.704	1.741	1.784	1.9563
1.890	1.893	1.864	1.830	1.810	1.798	1.809	1.814	1.839	1.850	1.864	1.872	1.7151
1.848	1.871	1.873	1.854	1.839	1.851	1.852	1.864	1.889	1.938	1.960	1.982	1.8767
2.132	2.136	2.108	2.088	2.046	2.041	2.037	2.025	2.011	2.016	2.018	2.020	1.7702
—	—	—	—	—	—	—	—	—	—	—	—	1.7744
2.105	2.116	2.096	2.086	2.059	2.049	2.049	2.055	2.055	2.062	2.062	2.071	1.9287
2.085	2.102	2.078	2.062	2.045	2.038	2.032	2.031	2.028	2.031	2.038	2.036	—
2.002	2.022	2.012	1.996	1.992	1.978	1.980	1.986	2.006	2.012	2.024	2.020	—
1.986	1.986	1.975	1.941	1.914	1.903	1.899	1.880	1.891	1.886	1.862	1.863	—
1.739	1.708	1.678	1.643	1.609	1.575	1.577	1.572	1.561	1.583	1.609	1.660	—
1.938	1.949	1.946	1.934	1.932	1.930	1.930	1.942	1.942	1.946	1.962	1.965	—
—	—	—	—	—	—	—	—	—	—	—	—	—
1.808	1.810	1.789	1.762	1.725	1.720	1.712	1.691	1.669	1.655	1.633	1.618	—
1.822	1.843	1.874	1.874	1.878	1.899	1.918	1.928	1.942	1.961	1.965	1.960	—
1.922	1.926	1.932	1.938	1.937	1.946	1.960	1.970	1.976	1.978	1.991	2.006	—
1.9729	1.9771	1.9629	1.9457	1.9278	1.9209	1.9258	1.9290	1.9350	1.9441	1.9520	1.9574	1.9537

BAROMETRIC PRESSURE.													
Barometer at 32° = 28 English inches + the numbers in the Table.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
JULY.	1	2.022	2.022	2.022	2.010	2.018	2.013	2.019	2.030	—	2.061	2.061	2.077
	2	2.086	2.077	2.059	2.049	2.041	2.033	2.019	2.011	2.017	2.032	2.036	2.039
	3	2.006	2.002	1.995	1.986	1.974	1.956	1.944	1.936	1.927	1.913	1.905	1.898
	4	1.498	1.500	1.524	—	—	—	—	—	—	—	—	—
	5	—	—	—	1.568	1.560	1.547	1.535	1.523	1.514	1.524	1.536	1.538
	6	1.414	1.418	1.424	1.418	—	1.426	1.434	1.431	1.447	1.469	1.487	1.504
	7	1.788	1.806	1.829	1.837	1.863	1.881	1.891	1.906	1.920	1.935	1.953	1.967
	8	2.094	2.096	2.105	2.106	2.104	2.104	2.102	2.110	2.126	2.130	2.138	2.168
	9	2.136	2.129	2.125	2.121	2.101	2.086	2.082	2.065	2.038	2.030	2.014	1.998
	10	2.018	2.031	2.046	2.064	2.056	2.074	2.054	2.040	—	2.031	2.031	2.023
	11	2.135	2.146	2.178	—	—	—	—	—	—	—	—	—
	12	—	—	—	—	2.575	2.593	2.589	2.586	2.590	2.612	2.636	2.647
	13	2.729	2.731	2.737	2.752	—	2.750	2.744	2.738	2.749	2.765	2.788	2.802
	14	2.736	2.732	2.729	2.715	—	2.690	2.672	2.654	2.630	2.630	2.640	2.648
	15	2.548	2.541	2.527	2.513	2.487	2.494	2.479	2.475	2.472	2.476	2.486	2.496
	16	2.417	2.411	2.399	2.392	2.376	2.367	2.351	2.341	2.344	2.348	2.350	2.360
	17	2.233	2.213	2.193	2.167	2.161	2.161	2.161	2.161	2.160	2.148	2.134	2.126
	18	2.106	2.110	2.124	—	—	—	—	—	—	—	—	—
	19	—	—	—	2.393	2.399	2.395	2.396	2.393	—	2.402	2.408	2.398
	20	2.294	2.280	2.274	2.242	2.238	2.234	2.220	2.210	2.218	2.222	2.226	2.224
	21	2.040	2.029	2.024	1.994	1.973	1.954	1.930	1.909	1.885	1.881	1.860	1.860
	22	1.644	1.630	1.620	1.596	1.579	1.568	1.550	1.529	1.525	1.499	1.506	1.507
	23	1.468	1.478	1.474	1.476	1.470	1.470	1.471	1.477	1.483	1.491	1.499	1.518
	24	1.573	1.584	1.592	1.598	1.606	1.614	1.613	1.621	1.633	1.645	1.653	1.659
	25	1.664	1.673	1.667	—	—	—	—	—	—	—	—	—
	26	—	—	—	1.487	1.496	1.501	1.505	1.509	1.522	1.536	1.553	1.568
	27	1.584	1.588	1.606	1.598	1.600	1.611	1.614	1.626	—	1.638	1.643	1.659
	28	1.605	1.586	1.572	1.564	1.518	1.479	1.430	1.393	1.365	1.327	1.301	1.263
	29	1.003	0.995	0.989	0.977	0.963	0.949	0.941	0.925	—	0.931	0.927	0.933
	30	1.037	1.049	1.063	1.075	1.086	1.092	1.106	1.116	1.122	1.138	1.150	1.162
	31	1.365	1.373	1.357	1.361	1.377	1.392	1.374	1.384	1.390	1.401	1.408	1.416
Hourly Means	1.8979	1.8974	1.8983	1.8869	1.8592	1.9050	1.8973	1.8926	1.9126	1.8968	1.9011	1.9058	
AUGUST.	1	1.501	1.509	1.514	—	—	—	—	—	—	—	—	
	2	—	—	—	1.858	1.864	1.866	1.874	1.893	1.942	1.956	1.975	1.995
	3	2.109	2.113	2.114	2.108	2.112	2.108	2.106	2.106	2.115	2.126	2.130	2.141
	4	2.107	2.103	2.106	2.111	2.116	2.116	2.116	2.114	—	2.139	2.155	2.171
	5	2.216	2.233	2.244	2.252	2.246	2.244	2.245	2.251	2.257	2.275	2.289	2.297
	6	2.247	2.246	2.238	2.229	2.219	2.206	2.180	2.166	—	2.147	2.141	2.128
	7	1.847	1.836	1.812	1.796	1.792	1.786	1.758	1.760	1.747	1.747	1.749	1.753
	8	1.538	1.514	1.478	—	—	—	—	—	—	—	—	—
	9	—	—	—	1.699	1.697	1.711	1.709	1.733	1.760	1.792	1.815	1.865
	10	2.158	2.172	2.184	2.198	2.212	2.212	2.214	2.216	2.224	2.243	2.266	2.272
	11	2.202	2.202	2.199	2.194	2.176	2.169	2.159	2.139	2.137	2.138	2.140	2.158
	12	2.173	2.168	2.165	2.169	2.161	2.161	2.158	2.158	—	2.179	2.201	2.212
	13	2.318	2.320	2.325	2.331	2.339	2.337	2.335	2.352	2.352	2.378	2.396	2.430
	14	2.489	2.489	2.481	2.469	2.458	2.448	2.432	2.436	2.446	2.447	2.459	2.461
	15	2.411	2.414	2.410	—	—	—	—	—	—	—	—	—
	16	—	—	—	2.414	2.405	2.394	2.388	2.382	2.387	2.391	2.391	2.399
	17	2.311	2.307	2.305	2.301	2.292	2.268	2.258	2.254	2.244	2.246	2.243	2.243
	18	1.957	1.950	1.902	1.882	1.824	1.782	1.728	1.688	1.649	1.613	1.595	1.579
	19	1.726	1.754	1.771	1.792	1.814	1.828	1.849	1.861	1.870	1.872	1.886	1.894
	20	1.806	1.790	1.783	1.772	—	1.764	1.754	1.734	1.716	1.720	1.744	1.750
	21	1.792	1.802	1.796	1.797	—	1.788	1.783	1.785	1.785	1.805	1.809	1.826
	22	1.832	1.824	1.828	—	—	—	—	—	—	—	—	—
	23	—	—	—	1.898	1.892	1.882	1.877	1.874	1.862	1.862	1.874	1.874
	24	1.740	1.736	1.731	1.717	1.687	1.664	1.640	1.633	1.612	1.600	1.600	1.602
	25	1.698	1.696	1.694	1.709	—	1.713	1.702	1.715	1.730	1.738	1.760	1.774
	26	1.913	1.925	1.916	1.910	1.902	1.898	1.896	1.899	—	1.920	1.948	1.968
	27	2.018	2.008	2.010	2.007	2.001	2.004	1.995	2.000	2.006	2.008	2.014	2.018
	28	1.972	1.971	1.951	1.938	1.924	1.906	1.903	1.904	1.906	1.907	1.913	1.923
	29	1.878	1.877	1.869	—	—	—	—	—	—	—	—	—
	30	—	—	—	1.860	1.860	1.854	1.848	1.843	1.852	1.862	1.871	1.891
	31	1.915	1.918	1.918	1.920	1.920	1.913	1.902	1.914	1.922	1.930	1.944	1.964
Hourly Means	1.9952	1.9953	1.9902	2.0127	2.0397	2.0008	1.9927	1.9927	1.9782	2.0016	2.0118	2.0226	

BAROMETRIC PRESSURE.												
Barometer at 32° = 28 English inches + the numbers in the Table.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
2.090	2.104	2.101	2.089	2.078	2.070	2.076	2.076	2.075	2.081	2.087	2.088	2.0596
2.054	2.053	2.048	2.035	2.024	2.013	2.013	2.008	2.017	2.014	2.019	2.020	2.0340
1.888	1.879	1.846	1.799	1.776	1.752	1.740	1.723	1.712	1.718	1.718	1.733	1.8636
—	—	—	—	—	—	—	—	—	—	—	—	1.4959
1.537	1.528	1.518	1.486	1.466	1.447	1.436	1.426	1.422	1.422	1.424	1.422	1.5421
1.530	1.564	1.575	1.580	1.586	1.604	1.618	1.634	1.662	1.722	1.752	1.770	1.9491
1.992	1.999	2.004	1.992	1.976	1.983	1.993	2.017	2.034	2.052	2.076	2.085	2.1271
2.165	2.168	2.154	2.137	2.130	2.118	2.122	2.128	2.137	2.135	2.138	2.136	2.0026
1.999	1.964	1.967	1.918	1.880	1.865	1.847	1.890	1.902	1.930	1.973	2.003	2.0265
2.018	2.009	1.990	1.974	1.960	1.951	1.966	1.992	2.012	2.059	2.092	2.119	2.5824
—	—	—	—	—	—	—	—	—	—	—	—	2.7533
2.661	2.682	2.674	2.661	2.663	2.662	2.668	2.669	2.672	2.689	2.693	2.714	2.6328
2.812 ^a	2.805	2.794	2.768	2.754	2.737	2.737	2.723	2.727	2.727	2.723	2.733	2.4706
2.646	2.637	2.626	2.608	2.592	2.576	2.572	2.568	2.576	2.560	2.561	2.557	2.3271
2.497	2.490	2.481	2.457	2.440	2.425	2.416	2.412	2.419	2.416	2.425	2.423	2.1133
2.362	2.359	2.341	2.323	2.285	2.267	2.260	2.241	2.235	2.243	2.241	2.238	2.3235
2.102	2.102	2.095	2.070	2.040	2.026	2.022	2.024	2.028	2.044	2.068	2.080	2.1870
—	—	—	—	—	—	—	—	—	—	—	—	1.8235
2.398	2.399	2.375	2.359	2.328	2.307	2.295	2.282	2.284	2.289	2.298	2.302	1.5090
2.217	2.207	2.204	2.170	2.135	2.131	2.114	2.106	2.100	2.087	2.078	2.058	1.4957
1.840	1.811	1.781	1.743	1.708	1.674	1.656	1.646	1.642	1.639	1.642	1.644	1.6301
1.511	1.502	1.493	1.467	1.437	1.414	1.425	1.425	1.435	1.443	1.447	1.463	1.5598
1.532	1.532	1.517	1.497	1.485	1.480	1.470	1.480	1.497	1.525	1.538	1.559	1.6297
1.680	1.678	1.667	1.650	1.632	1.619	1.621	1.620	1.628	1.637	1.645	1.654	1.2652
—	—	—	—	—	—	—	—	—	—	—	—	0.9514
1.581	1.586	1.587	1.573	1.552	1.545	1.543	1.545	1.548	1.558	1.561	1.572	1.1773
1.674	1.674	1.673	1.655	1.630	1.627	1.623	1.627	1.630	1.646	1.638	1.618	1.4149
1.231	1.195	1.148	1.111	1.065	1.049	1.045	1.029	1.027	1.027	1.023	1.013	1.9288
0.927	0.928	0.920	0.912	0.912	0.907	0.926	0.940	0.960	0.987	1.007	1.023	2.1122
1.170	1.188	1.208	1.213	1.216	1.234	1.248	1.268	1.297	1.322	1.343	1.353	2.1517
1.432	1.440	1.447	1.433	1.425	1.422	1.432	1.435	1.456	1.467	1.478	1.492	2.0720
1.9091	1.9068	1.8976	1.8770	1.8583	1.8483	1.8480	1.8494	1.8568	1.8681	1.8773	1.8841	1.7037
—	—	—	—	—	—	—	—	—	—	—	—	1.8559
2.012	2.022	2.022	2.024	2.023	2.027	2.039	2.047	2.064	2.072	2.092	2.100	2.2276
2.150	2.149	2.146	2.120	2.104	2.084	2.078	2.081	2.088	2.091	—	2.102	2.1590
2.188	2.196	2.188	2.173	2.158	2.156	2.152	2.156	2.166	2.187	2.200	2.215	2.2138
2.304	2.307	2.299	2.280	2.264	2.247	2.238	2.233	2.232	2.237	2.243	2.248	2.4065
2.113	2.096	2.068	2.018	1.980	1.944	1.926	1.899	1.879	1.871	1.865	1.850	2.4347
1.736	1.726	1.706	1.664	1.636	1.616	1.600	1.576	1.570	1.572	1.558	1.547	2.3621
—	—	—	—	—	—	—	—	—	—	—	—	2.1846
1.885	1.921	1.938	1.960	1.998	2.005	2.030	2.052	2.078	2.098	2.122	2.144	1.6733
2.276	2.283	2.278	2.266	2.246	2.233	2.233	2.226	2.215	2.211	2.218	2.206	1.8324
2.161	2.162	2.155	2.150	2.116	2.131	2.141	2.134	2.150	2.154	2.175	2.175	1.7501
2.227	2.240	2.250	2.234	2.227	2.232	2.238	2.242	2.254	2.274	2.289	2.305	1.7942
2.454	2.469	2.468	2.454	2.441	2.437	2.443	2.456	2.460	2.471	2.493	2.496	1.8095
2.454	2.455	2.451	2.419	2.401	2.387	2.385	2.377	2.384	2.396	2.406	2.403	1.6409
—	—	—	—	—	—	—	—	—	—	—	—	1.7949
2.400	2.385	2.374	2.349	2.317	2.299	2.288	2.291	2.297	2.298	2.309	2.298	1.9520
2.234	2.216	2.199	2.156	2.118	2.082	2.070	2.051	2.037	2.014	2.004	1.977	1.9868
1.575	1.563	1.559	1.532	1.521	1.515	1.551	1.569	1.599	1.640	1.675	1.711	1.8940
1.892	1.893	1.886	1.868	1.845	1.826	1.812	1.805	1.798	1.809	1.810	1.816	1.8678
1.760	1.762	1.754	1.743	1.720	1.719	1.712	1.716	1.730	1.750	1.770	1.783	1.9190
1.818	1.808	1.808	1.794	1.772	1.759	1.759	1.766	1.791	1.797	1.808	1.819	—
—	—	—	—	—	—	—	—	—	—	—	—	1.8095
1.867	1.840	1.812	1.784	1.753	1.735	1.713	1.704	1.700	1.708	1.711	1.721	1.6409
1.608	1.624	1.614	1.616	1.599	1.591	1.593	1.599	1.617	1.640	1.640	1.679	1.7949
1.793	1.812	1.822	1.833	1.833	1.861	1.879	1.892	1.888	1.905	1.918	1.918	1.9520
1.969	1.970	1.968	1.965	1.964	1.970	1.980	1.984	1.989	2.008	2.014	2.020	1.9868
2.033	2.013	1.998	1.977	1.963	1.950	1.941	1.929	1.938	1.942	1.950	1.961	1.8940
1.916	1.901	1.889	1.869	1.854	1.833	1.821	1.823	1.834	1.855	1.868	1.874	—
—	—	—	—	—	—	—	—	—	—	—	—	1.8678
1.896	1.892	1.880	1.868	1.856	1.851	1.851	1.846	1.858	1.870	1.892	1.902	1.9190
1.958	1.963	1.953	1.934	1.906	1.892	1.890	1.886	1.892	1.898	1.901	1.902	—
2.0261	2.0257	2.0187	2.0019	1.9852	1.9762	1.9755	1.9746	1.9811	1.9911	1.9972	2.0066	1.9994

^a Highest Barometer yet registered since 1840, the commencement of the Observations.

BAROMETRIC PRESSURE.													
Barometer at 32° = 28 English inches + the numbers in the Table.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
SEPTEMBER.	1	1·905	1·897	1·871	1·866	1·846	1·832	1·804	1·796	1·796	1·779	1·781	1·774
	2	1·628	1·628	1·628	1·632	1·632	1·622	1·618	1·620	1·642	1·660	1·692	1·709
	3	1·919	1·935	1·947	1·959	1·975	1·981	1·988	1·994	1·998	2·023	2·049	2·077
	4	2·233	2·248	2·248	2·254	2·256	2·256	2·256	2·256	2·274	2·295	2·313	2·328
	5	2·322	2·320	2·316	—	—	—	—	—	—	—	—	—
	6	—	—	—	2·338	2·338	2·326	2·322	2·320	2·323	2·333	2·346	2·353
	7	2·303	2·307	2·301	2·304	2·306	2·311	2·306	2·309	—	2·337	2·339	2·345
	8	2·227	2·229	2·216	2·208	2·211	2·194	2·172	2·162	2·149	2·143	2·149	2·142
	9	1·919	1·904	1·885	1·865	1·842	1·818	1·790	1·774	1·769	1·754	1·729	1·736
	10	1·465	1·433	1·419	1·409	1·407	1·398	1·405	1·423	1·447	1·472	1·524	1·562
	11	1·662	1·644	1·608	1·574	1·571	1·533	1·511	1·489	1·483	1·479	1·485	1·507
	12	1·842	1·850	1·849	—	—	—	—	—	—	—	—	—
	13	—	—	—	1·535	1·539	1·534	1·516	1·529	1·568	1·630	1·670	1·714
	14	2·043	2·076	2·080	2·092	2·100	2·106	2·126	2·142	2·152	2·158	2·190	2·206
	15	2·216	2·201	2·182	2·163	2·160	2·144	2·128	2·118	2·117	2·130	2·126	2·117
	16	1·846	1·822	1·819	1·812	1·808	1·790	1·778	1·764	1·734	1·748	1·744	1·722
	17	1·535	1·538	1·541	1·519	1·507	1·486	1·476	1·490	1·524	1·548	1·564	1·577
	18	1·878	1·911	1·935	1·962	1·986	2·004	2·019	2·049	2·064	2·090	2·110	2·130
	19	2·467	2·476	2·481	a	—	—	—	—	—	—	—	—
	20	—	—	—	2·590	2·596	2·586	2·578	2·587	2·596	2·602	2·614	2·623
	21	2·530	2·528	2·526	2·515	—	2·477	2·473	2·461	2·459	2·455	2·475	2·468
	22	2·277	2·268	2·246	2·234	2·223	2·206	2·178	2·174	2·177	2·181	2·187	2·174
	23	1·970	1·950	1·928	1·924	1·898	1·873	1·849	1·836	1·832	1·840	1·835	1·830
	24	1·718	1·742	1·741	1·762	1·772	1·774	1·782	1·796	1·812	1·842	1·864	1·868
	25	1·854	1·854	1·850	1·847	1·822	1·809	1·801	1·781	1·781	1·780	1·774	1·760
	26	1·714	1·715	1·720	—	—	—	—	—	—	—	—	—
	27	—	—	—	2·261	2·259	2·258	2·256	2·262	2·283	2·290	2·311	2·314
	28	2·271	2·267	2·250	2·231	—	—	—	—	2·196	2·200	2·205	2·220
	29	2·126	2·106	2·087	2·084	2·060	2·038	2·014	2·010	2·004	1·998	1·996	1·982
	30	1·715	1·697	1·691	1·679	1·726	1·743	1·763	1·782	1·830	1·859	1·889	1·908
Hourly Means	1·9840	1·9825	1·9756	1·9853	1·9517	1·9640	1·9564	1·9570	1·9604	1·9856	1·9985	2·0056	
OCTOBER.	1	2·074	2·068	2·053	2·036	2·018	1·989	1·958	1·940	1·941	1·940	1·943	1·930
	2	1·940	1·932	1·928	1·925	—	—	1·882	1·887	—	1·888	1·882	1·854
	3	1·420	1·422	1·380	—	—	—	—	—	—	—	—	—
	4	—	—	—	1·399	1·387	1·347	1·401	1·416	1·467	1·523	1·567	1·614
	5	1·827	1·803	1·776	1·768	1·740	1·676	1·670	1·646	1·628	1·614	1·597	1·577
	6	1·372	1·403	1·416	1·437	1·461	1·486	1·511	1·567	1·629	1·664	1·709	1·746
	7	2·190	2·215	2·231	2·245	2·242	2·237	2·227	2·239	2·243	2·255	2·252	2·268
	8	1·893	1·872	1·830	1·789	1·745	1·699	1·639	1·578	—	1·540	1·610	1·578
	9	1·750	1·757	1·760	1·766	1·782	1·796	1·801	1·819	1·838	1·868	1·882	1·907
	10	1·744	1·713	1·667	—	—	—	—	—	—	—	—	—
	11	—	—	—	1·628	1·640	1·656	1·683	1·713	1·752	1·788	1·824	1·858
	12	2·136	2·141	2·146	2·152	2·173	2·173	2·169	2·173	2·196	2·212	2·232	2·238
	13	2·322	2·324	2·317	2·313	2·312	2·302	2·312	2·320	2·340	2·358	2·373	2·380
	14	2·390	2·382	2·374	2·356	2·345	2·333	2·321	2·320	—	2·339	2·350	2·349
	15	2·306	2·301	2·291	2·273	2·257	2·236	2·237	2·235	2·237	2·237	2·235	2·230
	16	2·036	2·009	1·982	1·960	1·949	1·927	1·889	1·871	1·862	1·858	1·845	1·833
	17	1·789	1·788	1·783	—	—	—	—	—	—	—	—	—
	18	—	—	—	2·134	2·144	2·144	2·152	2·158	2·176	2·200	2·215	2·219
	19	2·312	2·307	2·301	2·289	2·275	2·264	2·255	2·251	2·251	2·252	2·241	2·245
	20	2·029	2·015	1·995	1·972	1·946	1·921	1·921	1·914	1·908	1·900	1·896	1·891
	21	1·717	1·715	1·719	1·717	1·710	1·703	1·689	1·669	1·667	1·680	1·677	1·685
	22	1·725	1·699	1·689	1·669	1·631	1·593	1·539	1·494	1·450	1·418	1·401	1·394
	23	1·696	1·697	1·687	1·679	1·674	1·660	1·661	1·648	1·632	1·586	1·645	1·643
	24	1·833	1·846	1·848	—	—	—	—	—	—	—	—	—
	25	—	—	—	1·899	1·888	1·885	1·888	1·882	1·878	1·869	1·868	1·860
	26	1·689	1·671	1·647	1·617	1·601	1·587	1·565	1·546	1·533	1·519	1·517	1·530
	27	1·511	1·502	1·489	1·487	1·463	1·445	1·449	1·453	1·441	1·449	1·453	1·453
	28	1·359	1·345	1·330	1·320	1·298	1·285	1·273	1·275	1·269	1·291	1·297	1·292
	29	1·317	1·325	1·345	1·361	1·395	1·421	1·445	1·476	—	1·538	1·584	1·621
	30	1·842	1·856	1·861	1·863	1·855	1·854	1·850	1·862	1·874	1·877	1·898	1·892
Hourly Means	1·8546	1·8503	1·8405	1·8482	1·8372	1·8248	1·8226	1·8212	1·8278	1·8332	1·8459	1·8495	

* Remarkably high Barometer from the 20^h 3^h to 19^h.

BAROMETRIC PRESSURE.												
Barometer at 32° = 28 English inches + the numbers in the Table.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
1.764	1.732	1.708	1.667	1.640	1.620	1.605	1.603	1.601	1.611	1.622	1.625	1.7394
1.724	1.730	1.738	1.744	1.753	1.762	1.780	1.798	1.824	1.862	1.884	1.902	1.7172
2.086	2.112	2.120	2.126	2.120	2.130	2.143	2.156	2.176	2.196	2.214	2.233	2.0690
2.344	2.335	2.325	2.323	2.311	2.297	2.297	2.300	2.303	2.306	2.318	2.320	2.2915
—	—	—	—	—	—	—	—	—	—	—	—	—
2.370	2.332	2.317	2.312	2.290	2.281	2.271	2.266	2.275	2.295	2.300	2.303	2.3153
2.357	2.331	2.318	2.295	2.259	2.231	2.233	2.227	2.219	2.220	2.218	2.224	2.2870
—	2.109	2.094	2.068	2.018	1.964	1.942	1.923	1.918	1.923	1.934	1.927	2.0879
1.711	1.693	1.653	1.604	1.568	1.548	1.522	1.497	1.490	1.480	1.480	1.474	1.6877
1.576	1.577	1.562	1.582	1.565	1.544	1.585	1.595	1.609	1.643	1.648	1.657	1.5213
1.510	1.533	1.538	1.557	1.575	1.605	1.643	1.690	1.719	1.765	1.782	1.817	1.5950
—	—	—	—	—	—	—	—	—	—	—	—	—
1.781	1.781	1.810	1.836	1.835	1.860	1.888	1.925	1.943	1.971	1.996	2.030	1.7680
2.223	2.198	2.200	2.186	2.173	2.171	2.172	2.162	2.172	2.190	2.212	2.219	2.1562
2.114	2.078	2.036	2.004	1.957	1.914	1.891	1.866	1.854	1.859	1.858	1.852	2.0452
1.694	1.665	1.631	1.612	1.571	1.549	1.553	1.540	1.537	1.545	1.520	1.517	1.6800
1.601	1.611	1.615	1.633	1.639	1.653	1.657	1.679	1.715	1.760	1.808	1.838	1.6047
2.174	2.203	2.220	2.249	2.258	2.274	2.302	2.320	2.357	2.382	2.409	2.432	2.1549
—	—	—	—	—	—	—	—	—	—	—	—	—
2.615	2.621	2.591	2.576	2.555	2.543	2.519	2.512	2.510	2.514	2.521	2.525	2.5582
2.463	2.445	2.408	2.388	2.343	2.317	2.297	2.280	2.277	2.278	2.279	2.279	2.4096
2.166	2.150	2.105	2.080	2.049	2.021	2.008	2.000	1.988	1.984	1.975	1.980	2.1263
1.809	1.781	1.733	1.690	1.650	1.619	1.603	1.591	1.592	1.602	1.653	1.695	1.7743
1.884	1.883	1.856	1.841	1.834	1.825	1.817	1.805	1.836	1.843	1.846	1.852	1.8165
1.720	1.681	1.620	1.585	1.534	1.496	1.534	1.592	1.624	1.661	1.687	1.704	1.7146
—	—	—	—	—	—	—	—	—	—	—	—	—
2.319	2.319	2.301	2.280	2.253	2.239	2.233	2.230	2.235	2.240	2.258	2.273	2.2010
2.229	2.205	2.175	2.155	2.126	2.116	2.111	2.106	2.109	2.120	2.125	2.122	2.1796
1.956	1.925	1.875	1.851	1.811	1.787	1.769	1.757	1.748	1.740	1.737	1.719	1.9242
1.948	1.960	1.956	1.970	1.997	2.006	2.008	2.012	2.021	2.044	2.070	2.084	1.8899
2.0055	1.9996	1.9812	1.9698	1.9492	1.9374	1.9378	1.9397	1.9482	1.9628	1.9752	1.9847	1.9736
1.905	1.908	1.885	1.866	1.857	1.855	1.845	1.862	1.889	1.894	1.924	1.934	1.9381
1.832	1.779	1.742	1.725	1.680	1.626	1.573	1.521	1.485	1.438	1.421	1.430	1.7319
—	—	—	—	—	—	—	—	—	—	—	—	—
1.645	1.677	1.690	1.708	1.714	1.714	1.718	1.737	1.768	1.791	1.806	1.820	1.5888
1.566	1.557	1.544	1.517	1.500	1.471	1.453	1.441	1.433	1.414	1.398	1.382	1.5833
1.771	1.790	1.825	1.881	1.915	1.951	1.984	2.034	2.056	2.089	2.129	2.160	1.7494
2.247	2.210	2.158	2.124	2.081	2.048	2.018	1.988	1.958	1.933	1.916	1.913	2.1433
1.584	1.607	1.607	1.614	1.602	1.604	1.603	1.625	1.654	1.671	1.700	1.735	1.6687
1.904	1.888	1.856	1.845	1.827	1.784	1.762	1.740	1.733	1.741	1.744	1.750	1.8042
—	—	—	—	—	—	—	—	—	—	—	—	—
1.883	1.910	1.912	1.938	1.958	1.982	1.992	2.006	2.041	2.064	2.085	2.116	1.8564
2.251	2.263	2.240	2.239	2.237	2.242	2.248	2.244	2.264	2.276	2.299	2.314	2.2191
2.385	2.382	2.374	2.370	—	2.351	2.360	2.364	2.361	2.367	2.377	2.394	2.3502
2.345	2.332	2.316	2.303	2.278	2.266	2.263	2.262	2.277	2.285	2.297	2.308	2.3213
2.210	2.193	2.153	2.127	2.107	2.076	2.051	2.037	2.033	2.041	2.041	2.045	2.1745
1.793	1.769	1.751	1.749	1.729	1.720	1.724	1.730	1.741	1.753	1.771	1.781	1.8347
—	—	—	—	—	—	—	—	—	—	—	—	—
2.254	2.263	2.265	2.265	2.262	2.259	2.250	2.250	2.264	2.285	2.305	2.313	2.1724
2.242	2.216	2.189	2.153	2.127	2.098	2.064	2.036	2.026	2.022	2.024	2.022	2.1859
1.882	1.864	1.841	1.828	1.794	1.783	1.746	1.718	1.700	1.697	1.706	1.711	1.8574
1.677	1.664	1.660	1.636	1.630	1.622	1.636	1.658	1.675	1.681	1.700	1.725	1.6797
1.397	1.440	1.440	1.504	1.550	1.574	1.576	1.593	1.602	1.636	1.664	1.686	1.5568
1.636	1.636	1.622	1.629	1.649	1.661	1.675	1.704	1.746	1.780	1.795	1.818	1.6775
—	—	—	—	—	—	—	—	—	—	—	—	—
1.842	1.825	1.790	1.772	1.743	1.719	1.690	1.675	1.683	1.677	1.698	1.699	1.8024
1.504	1.510	1.481	1.456	1.429	1.419	1.412	1.415	1.436	1.453	1.500	1.505	1.5226
1.436	1.415	1.400	1.381	1.388	1.358	1.352	1.342	1.324	1.353	1.363	1.357	1.4197
1.286	1.281	1.257	1.247	1.236	1.216	1.218	1.240	1.267	1.279	1.295	1.307	1.2818
1.639	1.681	1.699	1.708	1.707	1.723	1.734	1.754	1.766	1.796	1.819	1.843	1.5963
1.890	1.876	1.871	1.881	1.882	1.884	1.900	1.912	1.932	1.960	1.993	2.020	1.8910
1.8471	1.8437	1.8295	1.8256	1.7953	1.8079	1.8018	1.8032	1.8121	1.8221	1.8373	1.8495	1.8311

BAROMETRIC PRESSURE.												
Barometer at 32° = 28 English inches + the numbers in the Table.												
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20
Oct. 31	2'030	2'044	2'059	—	—	—	—	—	—	—	—	—
1	—	—	—	2'162	2'154	2'151	2'149	2'153	2'164	2'178	2'180	2'171
2	2'166	2'161	2'147	2'138	2'135	2'127	2'124	2'124	2'134	2'145	2'151	2'147
3	2'057	2'042	2'037	2'026	2'018	2'003	1'982	1'976	1'995	2'006	2'014	2'020
4	2'028	2'014	2'000	1'995	—	1'996	2'003	2'009	2'034	2'047	2'044	2'041
5	2'038	2'034	2'032	2'031	—	2'006	1'984	1'983	1'990	1'992	2'010	2'014
6	1'925	1'907	1'887	1'860	1'830	1'812	1'796	1'774	1'772	1'760	1'711	1'667
7	1'667	1'693	1'662	—	—	—	—	—	—	—	—	—
8	—	—	—	1'872	1'874	1'870	1'865	1'880	1'870	1'858	1'868	1'862
9	1'724	1'718	1'706	1'690	1'678	1'662	1'646	1'638	1'650	1'650	1'673	1'679
10	1'771	1'769	1'758	1'744	1'731	1'710	1'692	1'706	1'708	1'729	1'743	1'739
11	1'826	1'818	1'810	1'802	1'772	1'763	1'752	1'750	1'731	1'709	1'736	1'718
12	1'526	1'526	1'524	1'530	1'533	1'533	1'531	1'527	1'541	1'547	1'551	1'548
13	1'660	1'684	1'665	1'657	1'679	1'661	1'665	1'677	—	1'704	1'717	1'720
14	1'560	1'560	1'555	—	—	—	—	—	—	—	—	—
15	—	—	—	1'952	1'959	1'957	1'960	1'986	1'994	1'998	2'026	2'040
16	1'890	1'852	1'844	1'802	1'738	1'702	1'662	1'606	1'558	1'542	1'499	1'492
17	1'746	1'757	1'762	1'764	1'795	1'806	1'818	1'814	1'822	1'850	1'868	1'859
18	1'839	1'829	1'822	1'802	1'795	1'773	1'749	1'745	1'738	1'762	1'767	1'774
19	1'711	1'690	1'677	1'659	1'624	1'620	1'604	1'597	1'607	1'615	1'595	1'607
20	1'809	1'797	1'811	1'805	1'799	1'795	1'816	1'848	1'894	1'915	1'950	1'992
21	2'311	2'319	2'325	—	—	—	—	—	—	—	—	—
22	—	—	—	2'568	2'568	2'560	2'561	2'569	2'575	2'579	2'585	2'586
23	2'437	2'430	2'414	2'404	—	2'374	2'359	2'345	2'341	2'335	2'336	2'314
24	2'091	2'084	2'073	2'043	2'031	2'011	1'999	1'983	—	1'939	1'927	1'908
25	1'659	1'642	1'620	1'600	1'588	1'564	1'544	1'552	1'532	1'524	1'524	1'522
26	1'805	1'832	1'851	1'864	—	1'918	1'942	1'964	1'996	2'021	2'050	2'058
27	2'067	2'051	2'046	2'034	2'029	2'021	2'013	2'017	2'024	2'036	2'040	2'032
28	1'963	1'963	1'951	—	—	—	—	—	—	—	—	—
29	—	—	—	—	1'664	1'648	1'637	1'635	1'637	1'634	1'636	1'630
30	1'524	1'488	1'453	1'401	1'365	1'358	1'378	1'414	1'470	1'502	1'614	1'676
Hourly Means	1'8781	1'8732	1'8650	1'8882	1'8345	1'8616	1'8550	1'8566	1'8657	1'8683	1'8775	1'8775
DECEMBER.												
1	1'935	1'937	1'935	1'930	1'934	1'907	1'896	1'885	1'880	1'875	1'875	1'859
2	1'681	1'659	1'647	1'632	1'607	1'591	1'561	1'545	1'553	1'555	1'547	1'561
3	1'547	1'526	1'500	1'489	1'471	1'458	1'462	1'452	—	1'459	1'487	1'522
4	1'678	1'674	1'670	1'668	1'648	1'636	1'618	1'618	1'648	1'656	1'662	1'662
5	1'853	1'872	1'884	—	—	—	—	—	—	—	—	—
6	—	—	—	2'021	2'012	2'009	2'014	2'004	2'012	2'015	2'010	1'994
7	2'045	2'049	2'062	2'087	2'100	2'117	2'121	2'151	2'171	2'193	2'217	2'230
8	2'150	2'159	2'150	2'142	2'122	2'113	2'114	2'114	2'124	2'121	2'120	2'109
9	1'958	1'961	1'957	1'937	1'931	1'923	1'910	1'917	1'920	1'927	1'936	1'938
10	1'761	1'761	1'758	1'753	—	1'717	1'717	1'730	1'785	1'746	1'773	1'756
11	1'760	1'760	1'759	1'764	1'756	1'755	1'751	1'745	—	1'768	1'774	1'759
12	1'570	1'562	1'546	—	—	—	—	—	—	—	—	—
13	—	—	—	1'634	1'636	1'634	1'656	1'687	1'698	1'736	1'756	1'772
14	1'837	1'831	1'833	1'826	1'802	1'800	1'794	1'800	1'804	1'816	1'828	1'817
15	1'648	1'623	1'600	1'584	1'546	1'514	1'486	1'472	1'421	1'405	1'364	1'340
16	1'417	1'434	1'439	1'445	1'451	1'458	1'467	1'479	1'507	1'514	1'533	1'546
17	1'493	1'496	1'476	1'454	1'443	1'432	1'415	1'393	1'379	1'366	1'350	1'346
18	1'394	1'387	1'392	1'363	1'345	1'317	1'305	1'276	1'248	1'231	1'210	1'236
19	1'359	1'359	1'367	—	—	—	—	—	—	—	—	—
20	—	—	—	1'681	1'700	1'692	1'696	1'720	1'746	1'760	1'786	1'806
21	1'843	1'849	1'847	1'829	1'796	1'779	1'754	1'736	1'738	1'731	1'727	1'709
22	1'567	1'575	1'616	1'640	1'666	1'696	1'723	1'758	—	1'838	1'880	1'917
23	2'024	2'027	2'011	2'010	2'000	1'986	1'986	2'004	2'012	2'019	2'041	2'035
24	2'015	2'019	2'007	—	—	—	—	—	—	—	—	—
25	—	—	—	1'649	1'628	1'598	1'580	1'576	1'564	1'561	1'565	1'549
26	1'647	1'657	1'658	—	—	—	—	—	—	—	—	—
27	—	—	—	1'659	1'651	1'659	1'661	1'661	1'660	1'680	1'688	1'680
28	1'721	1'727	1'721	1'718	1'716	1'706	1'709	1'717	1'717	1'745	1'752	1'740
29	1'633	1'628	1'639	1'648	1'646	1'659	1'674	1'681	1'699	1'739	1'762	1'783
30	1'905	1'897	1'903	1'885	1'873	1'857	1'847	1'854	1'867	1'866	1'872	1'862
31	1'859	1'839	1'835	1'815	1'815	1'785	1'775	1'769	1'760	1'750	1'730	1'715
Hourly Means	1'7423	1'7411	1'7389	1'7409	1'7318	1'7230	1'7189	1'7209	1'7353	1'7335	1'7402	1'7401

BAROMETRIC PRESSURE.												Daily and Monthly Means.								
Barometer at 32° = 28 English inches + the numbers in the Table.																				
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.								
21	22	23	0	1	2	3	4	5	6	7	8									
—	—	—	—	—	—	—	—	—	—	—	—	} 2.1328								
2.165	2.157	2.145	2.125	2.109	2.103	2.111	2.120	2.120	2.128	2.148	2.161									
2.134	2.107	2.079	2.054	2.029	2.019	2.015	2.023	2.026	2.032	2.049	2.060		} 2.0969							
2.009	2.005	1.997	1.983	1.979	1.979	1.977	1.990	1.995	2.017	2.025	2.030									
2.039	2.047	2.030	2.023	2.015	2.001	1.985	1.989	1.985	1.993	2.010	2.033			} 2.0157						
2.001	1.983	1.969	1.951	1.940	1.926	1.933	1.931	1.931	1.939	1.945	1.938									
1.618	1.562	1.507	1.481	1.450	1.466	1.504	1.550	1.573	1.626	1.650	1.665				} 1.7926					
1.845	1.829	1.822	1.783	1.755	1.728	1.736	1.729	1.727	1.734	1.739	1.755									
1.654	1.651	1.654	1.648	1.656	1.663	1.674	1.682	1.702	1.710	1.737	1.758					} 1.6793				
1.740	1.749	1.741	1.741	1.735	1.734	1.750	1.765	1.773	1.791	1.813	1.823									
1.703	1.675	1.657	1.632	1.617	1.576	1.536	1.519	1.496	1.521	1.538	1.523	} 1.6742								
1.558	1.558	1.545	1.550	1.554	1.571	1.574	1.592	1.605	1.637	1.651	1.660									
1.719	1.716	1.705	1.687	1.669	1.653	1.631	1.595	1.593	1.608	1.541	1.557		} 1.6593							
2.046	2.057	2.017	1.989	2.006	1.979	1.979	1.968	1.956	1.957	1.950	1.922						} 1.9322			
1.484	1.487	1.480	1.475	1.487	1.512	1.528	1.566	1.608	1.651	1.684	1.715									
1.843	1.835	1.817	1.807	1.781	1.763	1.755	1.753	1.765	1.781	1.801	1.837			} 1.8000						
1.770	1.757	1.743	1.728	1.713	1.701	1.715	1.711	1.699	1.707	1.710	1.723									
1.590	1.624	1.637	1.633	1.637	1.633	1.619	1.658	1.677	1.718	1.748	1.785				} 1.7530					
2.014	2.050	2.068	2.084	2.100	2.118	2.139	2.160	2.186	2.210	2.241	2.279									
2.572	2.553	2.525	2.497	2.468	2.438	2.426	2.422	2.420	2.421	2.430	2.442					} 1.6485				
2.297	2.263	2.228	2.195	2.165	2.141	2.115	2.111	2.090	2.091	2.088	2.091	} 1.6485								
1.873	1.851	1.823	1.801	1.763	1.732	1.695	1.674	1.653	1.662	1.658	1.664							} 1.9950		
1.550	1.541	1.508	1.504	1.500	1.500	1.525	1.571	1.634	1.660	1.715	1.757									
2.085	2.045	2.037	2.017	2.008	1.994	1.980	1.982	1.985	2.000	2.021	2.045		} 1.8669							
2.016	1.987	1.965	1.931	1.909	1.899	1.886	1.882	1.898	1.919	1.940	1.944									
1.612	1.597	1.571	1.547	1.510	1.455	1.435	1.455	1.467	1.481	1.506	1.513			} 1.5765						
1.723	1.749	1.773	1.799	1.806	1.809	1.832	1.842	1.858	1.879	1.905	1.919									
1.8715	1.8628	1.8478	1.8333	1.8216	1.8113	1.8098	1.8169	1.8239	1.8413	1.8555	1.8692				} 1.9783					
1.849	1.802	1.767	1.744	1.724	1.724	1.705	1.702	1.695	1.705	1.700	1.692						} 1.9827			
1.523	1.512	1.508	1.501	1.481	1.475	1.479	1.477	1.485	1.506	1.515	1.542					} 1.6151				
1.516	1.510	1.510	1.520	1.527	1.550	1.555	1.573	1.583	1.613	1.637	1.663	} 1.6474								
1.663	1.656	1.638	1.636	1.634	1.646	1.676	1.696	1.741	1.773	1.800	1.830							} 1.6151		
1.973	1.941	1.928	1.920	1.912	1.906	1.924	1.945	1.951	1.967	1.993	2.008								} 1.6474	
2.231	2.223	2.213	2.192	2.174	2.149	2.130	2.115	2.121	2.112	2.123	2.138		} 1.6151							
2.089	2.063	2.035	1.999	1.979	1.958	1.937	1.923	1.923	1.928	1.927	1.951									} 1.6151
1.921	1.907	1.894	1.867	1.837	1.812	1.796	1.789	1.735	1.721	1.736	1.756			} 1.6151						
1.753	1.731	1.727	1.699	1.694	1.694	1.675	1.671	1.671	1.689	1.716	1.730									
1.744	1.706	1.691	1.651	1.635	1.605	1.592	1.578	—	1.555	1.573	1.572				} 1.6151					
1.768	1.782	1.784	1.796	1.804	1.799	1.801	1.801	1.805	1.817	1.819	1.823						} 1.6151			
1.800	1.787	1.772	1.750	1.727	1.693	1.684	1.666	1.652	1.630	1.648	1.652					} 1.6151				
1.310	1.244	1.180	1.099	1.067	1.153	1.210	1.234	1.300	1.337	1.368	1.388	} 1.6151								
1.542	1.536	1.540	1.544	1.528	1.517	1.504	1.483	1.471	1.477	1.480	1.488							} 1.6151		
1.321	1.326	1.334	1.319	1.311	1.308	1.316	1.320	1.321	1.346	1.368	1.372								} 1.6151	
1.248	1.232	1.221	1.198	1.195	1.220	1.232	1.213	1.232	1.276	1.288	1.327		} 1.6151							
1.800	1.803	1.807	1.805	1.817	1.819	1.811	1.811	1.813	1.822	1.841	1.843									} 1.6151
1.680	1.652	1.609	1.575	1.537	1.493	1.445	1.408	1.368	1.341	1.364	1.452			} 1.6151						
1.915	1.928	1.929	1.932	1.929	1.938	1.949	1.953	1.957	1.980	1.993	2.014									
2.012	2.000	1.966	1.962	1.965	1.971	1.971	1.968	1.975	1.985	1.995	2.008				} 1.6151					
1.519	1.468	1.448	1.464	1.434	1.440	1.452	1.472	1.494	1.551	1.580	1.605						} 1.6151			
1.687	1.664	1.679	1.679	1.677	1.670	1.653	1.646	1.648	1.649	1.681	1.700					} 1.6151				
1.709	1.682	1.656	1.648	1.599	1.583	1.579	1.555	1.559	1.588	1.608	1.638	} 1.6151								
1.793	1.801	1.803	1.800	1.801	1.804	1.801	1.830	1.843	1.875	1.884	1.889							} 1.6151		
1.846	1.849	1.837	1.837	1.842	1.848	1.841	1.843	1.841	1.843	1.853	1.855								} 1.6151	
1.703	1.667	1.644	1.614	1.576	1.547	1.509	1.473	1.443	1.441	1.431	1.421		} 1.6151							
1.7275	1.7105	1.6969	1.6827	1.6695	1.6662	1.6626	1.6594	1.6651	1.6741	1.6893	1.7060									} 1.6151

STANDARD THERMOMETER.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
JANUARY.	1	63.7	62.3	62.0	61.0	58.8	57.9	56.0	56.0	54.6	56.9	59.5	62.5
	2	53.2	49.8	49.0	48.0	—	48.2	48.5	48.0	47.5	48.8	52.8	53.5
	3	52.7	51.1	50.4	—	—	—	—	—	—	—	—	—
	4	—	—	—	57.5	56.5	56.0	55.5	55.5	55.2	56.6	59.8	63.0
	5	60.0	59.6	58.2	57.0	37.2	57.2	57.1	57.1	57.3	56.8	57.5	59.2
	6	56.6	56.5	56.6	56.8	54.7	53.8	53.0	53.0	53.0	55.5	58.0	63.0
	7	65.3	64.8	65.0	65.0	65.5	64.6	64.4	64.0	63.5	64.6	65.7	71.5
	8	64.2	62.8	61.0	60.3	59.9	59.5	59.0	58.6	57.2	55.2	55.0	54.2
	9	55.1	53.7	52.2	51.3	50.8	50.7	50.0	—	49.9	52.0	55.5	57.5
	10	62.0	61.8	62.1	—	—	—	—	—	—	—	—	—
	11	—	—	—	62.3	61.3	59.5	59.0	58.3	58.5	61.5	65.0	66.0
	12	59.3	58.5	58.7	59.0	59.2	59.2	59.2	59.0	59.6	60.0	62.2	63.2
	13	57.0	56.1	54.8	53.0	52.2	51.2	50.2	50.0	49.8	53.6	57.3	60.6
	14	58.0	57.8	57.0	56.0	55.3	55.7	55.7	56.0	56.3	59.2	61.2	62.8
	15	59.7	59.6	58.1	55.9	56.0	56.2	55.2	54.5	54.8	56.6	58.5	62.4
	16	58.0	57.8	57.5	57.0	56.2	54.9	54.5	54.6	54.6	55.5	57.2	57.3
	17	58.5	56.6	56.1	—	—	—	—	—	—	—	—	—
	18	—	—	—	57.2	56.5	55.7	55.2	54.6	53.8	54.8	56.5	57.2
	19	50.0	—	—	47.5	46.9	47.2	45.4	45.9	45.3	46.3	46.2	49.4
	20	48.0	47.6	49.2	51.6	57.3	53.7	53.6	53.7	—	—	—	—
	21	56.0	55.2	54.8	55.2	56.5	57.0	57.2	57.3	57.3	58.1	58.6	58.9
	22	58.8	58.0	58.0	57.7	56.8	56.5	56.5	57.0	57.0	57.8	58.8	61.3
	23	67.8	65.1	63.8	63.0	62.2	61.7	61.5	61.7	62.2	62.8	64.7	68.7
	24	61.0	59.7	58.8	—	—	—	—	—	—	—	—	—
	25	—	—	—	58.6	58.0	57.6	57.8	57.8	58.6	61.1	63.0	—
	26	58.0	56.5	55.0	54.0	54.3	54.0	53.6	54.0	52.2	54.2	59.0	56.8
	27	60.2	59.3	58.9	59.0	59.2	59.4	59.5	59.8	60.8	61.8	61.7	62.5
	28	63.8	63.0	62.4	61.6	61.0	60.2	60.6	60.8	61.3	62.3	64.1	64.9
	29	60.0	59.4	59.0	58.3	57.1	57.0	57.2	57.2	58.8	59.6	62.8	64.2
	30	64.7	62.3	62.0	60.8	59.0	57.6	56.0	55.6	55.0	56.2	58.2	62.3
Hourly Means	58.89	58.17	57.58	57.09	57.14	56.24	55.82	56.00	55.76	57.11	59.15	60.95	
FEBRUARY.	Jan. 31	58.5	57.4	56.4	—	—	—	—	—	—	—	—	
	1	—	—	—	61.0	62.5	63.8	63.3	63.2	63.0	63.0	64.4	67.0
	2	71.3	69.7	68.6	67.8	—	66.4	64.4	64.8	66.0	66.4	66.8	67.0
	3	56.8	56.2	55.5	54.7	54.4	54.0	54.5	53.1	53.0	53.0	56.6	58.0
	4	52.7	52.3	52.5	52.5	52.3	52.8	52.2	52.5	53.0	53.6	55.6	57.8
	5	62.4	62.4	62.6	61.6	60.3	60.8	61.0	61.3	62.0	63.0	64.0	67.5
	6	68.2	67.6	67.4	67.0	—	63.5	63.0	61.9	60.7	60.0	60.5	60.8
	7	53.0	52.5	51.8	—	—	—	—	—	—	—	—	—
	8	—	—	—	53.0	50.8	51.0	51.6	51.6	52.0	52.7	54.3	58.7
	9	58.8	56.2	54.7	54.8	56.5	56.2	56.5	55.8	55.4	54.8	55.2	56.7
	10	45.2	45.4	46.0	45.5	—	—	—	—	—	45.6	46.8	45.6
	11	49.3	48.5	49.2	49.2	—	49.8	50.0	50.0	51.2	52.8	53.5	55.3
	12	57.0	56.4	55.4	53.6	51.7	50.5	49.9	49.5	49.7	49.4	50.6	53.0
	13	49.5	48.8	48.0	47.8	47.3	47.0	46.5	45.5	46.2	46.4	50.8	52.3
	14	50.7	49.8	49.7	—	—	—	—	—	—	—	—	—
	15	—	—	—	51.0	52.0	52.4	53.0	52.8	52.7	52.6	56.4	59.3
	16	57.0	56.3	57.0	57.0	55.7	55.7	55.8	55.4	—	55.8	57.6	60.0
	17	55.6	53.9	52.6	51.0	50.8	50.2	50.0	49.0	47.3	49.8	52.0	54.3
	18	51.0	50.6	49.2	48.8	47.7	46.8	45.2	45.2	45.2	45.8	47.2	50.6
	19	58.0	57.2	56.4	55.8	55.5	54.6	54.3	54.3	55.3	56.8	57.3	59.8
	20	61.3	58.3	56.2	55.4	—	—	53.6	53.0	51.4	52.0	54.0	57.3
	21	61.0	59.0	59.0	—	—	—	—	—	—	—	—	—
	22	—	—	—	56.0	56.0	55.6	54.3	53.1	52.8	52.6	56.2	59.6
	23	53.2	52.0	51.0	51.7	51.2	50.8	50.6	50.8	50.7	50.8	52.8	57.2
	24	55.2	55.2	55.0	55.0	—	55.0	55.0	55.0	55.0	55.7	56.8	59.0
	25	62.0	61.3	60.8	60.3	60.3	60.2	60.3	60.3	60.0	60.0	61.0	64.4
	26	48.0	47.0	45.6	46.3	46.0	46.0	46.2	46.4	46.5	47.5	50.5	54.0
	27	54.0	53.2	52.6	51.6	50.5	49.8	50.0	50.3	50.0	51.0	51.5	53.0
Hourly Means	56.32	55.38	54.85	54.52	53.42	54.22	53.97	53.69	53.60	53.80	55.52	57.84	

STANDARD THERMOMETER.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
65°0	65°2	69°3	69°0	68°0	70°0	70°0	66°5	67°0	62°2	56°0	55°0	62°27
53°0	54°2	56°5	59°7	60°5	61°1	60°2	60°0	57°3	56°4	55°2	53°5	53°69
—	—	—	—	—	—	—	—	—	—	—	—	63°58
67°8	72°0	76°0	77°8	78°0	81°0	81°5	69°0	66°5	64°0	61°5	61°0	63°58
59°0	59°6	62°0	64°4	64°3	64°6	63°2	63°0	61°6	59°1	57°3	56°8	59°55
67°3	71°4	75°0	74°8	74°2	73°3	73°0	71°4	69°3	68°8	68°8	67°8	63°57
75°8	78°8	83°3	89°2	93°0	73°5 ^a	67°7	67°3	66°0	65°8	65°8	65°5	69°82
53°2	55°0	59°2	61°0	62°8	61°5	61°7	60°2	64°5	62°0	58°8	56°6	59°31
59°9	63°1	66°2	69°3	70°8	70°2	71°8	75°0	71°3	68°0	65°5	63°0	60°56
—	—	—	—	—	—	—	—	—	—	—	—	64°22
69°8	72°0	73°8	74°5	69°2	68°8	69°6	63°6	61°7	60°7	60°3	60°0	64°22
64°0	63°9	62°3	64°0	63°2	64°5	61°5	63°4	62°5	59°6	58°9	57°6	60°94
64°0	67°4	68°5	70°0	68°5	67°5	67°5	67°3	63°7	61°3	59°5	58°7	59°57
64°8	66°4	73°0	72°5	74°0	70°8	67°2	64°9	64°2	62°2	61°2	60°2	62°18
62°8	65°5	65°8	66°1	69°2	71°8	68°8	65°0	65°2	64°2	60°7	58°8	61°31
58°5	63°8	61°3	61°3	63°2	66°2	64°8	63°5	62°2	61°5	60°0	59°2	59°20
—	—	—	—	—	—	—	—	—	—	—	—	57°65
58°7	59°0	60°2	61°4	62°2	61°5	62°5	62°5	62°7	56°4	53°0	50°8	57°65
51°9	53°0	54°0	57°2	60°7	60°0	57°2	57°0	56°0	53°5	50°3	49°0	51°36
55°5	57°5	59°5	60°5	63°0	64°0	64°9	65°5	66°7	62°5	59°6	56°8	57°53
59°8	62°2	65°2	65°1	66°0	68°0	69°2	73°1	67°9	65°0	62°2	59°5	61°05
63°8	65°0	72°0	74°5	75°0	79°2	81°6	83°2	80°2	75°4	71°5	69°8	66°06
70°0	69°8	69°8	69°5	69°8	71°6	73°5	78°6	74°7	72°7	68°0	63°0	67°34
—	—	—	—	—	—	—	—	—	—	—	—	63°89
63°0	66°5	69°8	70°8	73°8	75°5	—	71°0	72°5	68°0	62°8	59°8	63°89
60°7	63°3	68°5	69°3	68°4	67°2	68°1	68°8	66°4	65°2	62°8	61°1	60°47
62°5	64°5	68°0	68°4	70°2	71°0	69°8	70°4	68°6	67°6	65°2	64°4	63°86
68°0	68°2	69°8	72°2	76°5	79°5	79°6	82°0	73°5	66°0	64°1	61°0	66°93
66°8	70°8	72°2	75°2	78°0	77°0	79°0	79°6	76°6	72°0	68°0	66°2	66°33
64°0	66°0	68°8	70°5	70°7	72°2	72°7	70°6	67°1	64°1	62°0	59°6	63°25
62°68	64°77	67°31	68°78	69°74	69°67	69°06	68°55	66°77	64°01	61°50	59°80	61°75
—	—	—	—	—	—	—	—	—	—	—	—	70°32
68°0	74°0	77°0	79°6	89°7	88°0	85°2	82°2	76°2	77°0	74°7	72°5	70°32
67°2	67°5	68°2	67°8	66°6	66°4	66°4	66°8	67°6	61°8	59°2	57°8	66°20
59°2	62°2	58°0	57°4	55°3	57°0	58°5	56°2	55°3	54°0	53°5	53°0	55°81
61°0	63°4	64°0	66°0	67°7	70°2	71°8	68°2	69°0	66°4	64°0	62°8	59°76
72°2	75°2	76°8	77°2	74°4	75°2	74°0	75°6	72°8	71°8	70°0	69°2	68°05
60°2	57°2	56°8	56°6	57°5	56°5	60°9	63°5	62°5	59°0	56°2	54°5	60°96
—	—	—	—	—	—	—	—	—	—	—	—	59°70
61°2	63°5	66°0	67°0	68°2	72°0	72°4	70°8	68°2	68°0	63°6	60°8	59°70
60°0	63°3	66°2	69°0	70°0	69°0	68°0	66°0	62°5	61°0	48°0 ^b	44°2	59°12
47°5	48°0	48°7	50°6	51°4	51°3	51°7	50°9	50°6	49°8	49°3	48°6	48°34
55°8	56°5	57°5	61°0	62°0	61°8	61°4	60°8	60°0	58°0	57°8	57°0	55°15
55°0	57°3	57°0	58°8	60°0	59°5	61°0	65°0	59°5	55°0	53°0	51°3	54°96
54°0	55°0	57°2	59°3	59°8	60°9	60°0	59°8	59°5	56°8	54°0	52°0	52°68
—	—	—	—	—	—	—	—	—	—	—	—	58°74
61°5	63°3	66°2	68°3	69°6	70°5	68°5	67°5	63°6	61°5	59°8	58°0	58°74
63°8	67°3	69°7	69°0	70°3	70°2	69°4	69°5	62°3	59°9	57°4	56°0	61°22
56°2	59°0	61°6	63°0	61°2	62°0	61°2	60°6	59°6	56°4	54°2	53°0	55°19
55°0	58°7	62°4	64°0	—	66°0	64°8	65°0	61°8	60°3	59°1	58°4	54°30
62°5	64°0	65°5	71°0	73°0	73°0	73°0	73°0	73°4	70°6	67°7	64°3	62°76
59°2	60°7	62°2	65°3	70°5	68°2	70°0	67°3	65°6	63°2	63°0	62°2	60°45
—	—	—	—	—	—	—	—	—	—	—	—	60°22
63°0	66°0	67°7	67°8	69°4	68°3	69°0	63°7	64°2	59°2	57°0	54°7	60°22
61°0	61°9	62°7	63°7	66°2	64°6	67°4	66°0	64°0	58°2	57°5	55°5	57°14
60°6	61°0	64°6	65°6	67°5	69°8	70°5	69°2	69°0	66°8	63°7	62°5	60°99
64°5	64°0	63°5	62°2	61°1	58°9	55°7	55°2	54°4	51°0	50°0	49°0	59°20
55°8	58°3	59°9	62°2	64°0	63°6	65°6	66°6	64°0	59°4	56°2	56°0	54°23
55°0	59°0	63°2	65°6	68°2	70°8	69°0	67°3	65°9	64°2	62°0	61°2	57°87
59°97	61°93	63°44	64°92	66°24	66°33	66°47	65°70	63°81	61°22	58°79	57°27	58°89

^a Sea breeze set in.

^b Sudden fall from change of wind.

STANDARD THERMOMETER.												
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20
Feb. 28	60.6	59.4	59.6	°	°	°	°	°	°	°	°	°
1	—	—	—	55.8	55.0	54.5	54.0	53.2	52.8	52.7	52.8	55.2
2	58.4	57.6	56.6	55.8	55.0	54.2	53.7	52.1	—	49.8	53.6	57.2
3	57.5	56.6	57.0	56.8	60.0	60.8	60.8	62.0	63.2	64.0	67.6	70.0
4	58.0	56.6	56.2	56.8	57.0	57.4	57.2	56.8	57.0	58.0	60.2	64.7
5	75.4	69.0	67.6	66.0	64.8	62.2	59.7	59.3	58.0	58.7	59.1	59.7
6	52.5	50.3	49.8	49.2	48.7	48.0	47.9	48.1	48.4	48.6	52.6	56.0
7	58.7	58.8	58.8	—	—	—	—	—	—	—	—	—
8	—	—	—	59.7	59.3	59.3	59.0	59.3	59.3	58.9	61.3	63.0
9	59.0	58.4	58.0	57.5	56.2	55.6	56.0	53.2	53.0	52.8	54.2	56.0
10	53.8	51.1	50.2	50.4	—	49.0	48.6	48.2	47.3	47.3	49.0	50.0
11	52.4	52.6	53.0	52.0	50.7	49.3	48.2	47.0	45.7	44.8	48.0	51.7
12	52.8	51.0	49.5	48.8	48.2	48.0	47.3	46.3	46.6	46.8	48.0	51.8
13	65.5	64.0	62.7	61.2	61.4	60.2	59.0	58.4	56.2	56.2	59.2	62.3
14	60.6	59.6	57.0	—	—	—	—	—	—	—	—	—
15	—	—	—	50.8	50.0	50.0	49.1	48.6	—	48.4	50.0	52.6
16	56.1	54.4	54.0	54.3	54.4	54.5	54.6	54.8	54.2	53.8	55.0	59.2
17	62.2	62.4	62.0	61.6	61.3	60.8	60.3	60.2	60.2	59.6	60.9	62.6
18	66.0	66.0	65.8	66.0	65.3	64.7	65.0	65.3	64.6	64.0	59.0	57.6
19	54.9	55.1	55.6	56.0	56.2	56.6	57.0	57.2	58.3	59.1	61.5	63.7
20	65.0	65.4	65.5	65.8	65.3	61.8	58.2	56.4	55.3	54.8	55.3	56.2
21	57.5	57.0	56.0	—	—	—	—	—	—	—	—	—
22	—	—	—	53.8	53.2	52.8	52.2	51.8	51.8	51.8	51.8	52.2
23	50.0	49.4	49.5	49.4	49.2	49.4	50.4	51.0	51.3	51.7	52.2	56.8
24	48.5	48.2	48.0	48.6	48.1	48.0	48.2	48.2	48.4	49.0	49.4	50.4
25	49.6	49.0	49.2	48.7	48.8	48.8	48.8	48.8	48.9	48.9	48.9	48.2
26	51.8	51.0	51.0	51.0	50.5	50.4	50.2	51.0	51.3	51.2	52.0	55.6
27	54.8	53.8	52.5	51.5	50.6	50.0	49.5	48.5	—	48.0	48.6	49.0
28	45.3	45.0	44.2	—	—	—	—	—	—	—	—	—
29	—	—	—	46.0	46.0	46.6	47.5	48.4	49.2	49.3	49.7	51.0
30	51.5	51.0	50.0	49.2	47.8	46.5	46.3	45.6	45.5	45.6	45.8	48.5
31	43.2	42.7	42.5	41.0	42.6	42.8	43.4	43.6	43.7	43.8	43.5	45.3
Hourly Means	56.20	55.23	54.70	54.21	54.06	53.41	53.04	52.71	52.92	52.50	53.67	55.82
1	51.6	49.8	49.4	49.2	49.2	49.0	48.7	49.0	50.5	49.3	49.4	50.8
2	51.0	51.0	50.8	50.4	50.3	50.2	49.7	49.7	49.5	49.4	49.6	50.6
3	50.0	49.8	48.8	48.8	49.2	49.4	49.6	48.8	47.8	47.7	49.3	50.7
4	55.5	55.3	54.8	—	—	—	—	—	—	—	—	—
5	—	—	—	51.2	51.6	52.3	52.2	53.3	53.0	52.6	53.8	55.6
6	56.6	56.3	56.1	56.0	56.4	56.8	57.0	57.0	56.8	57.0	57.3	60.3
7	56.2	55.6	55.2	54.6	54.0	53.0	51.8	51.5	51.2	51.2	51.3	53.6
8	54.1	54.0	52.7	53.0	52.8	52.5	52.2	51.8	—	51.6	51.6	52.6
9	53.6	52.9	51.4	—	—	—	—	—	—	—	—	—
10	—	—	—	59.2	60.2	60.8	58.7	56.5	56.0	53.4	53.0	52.3
11	42.8	41.7	42.8	—	—	—	—	—	—	—	—	—
12	—	—	—	56.4	56.4	56.6	56.6	56.0	55.8	55.5	56.2	57.2
13	58.0	58.4	59.0	59.0	59.1	58.3	57.7	56.8	55.5	54.3	54.0	54.3
14	59.9	59.9	57.7	57.5	60.2	60.7	61.2	61.4	62.0	63.0	64.0	64.8
15	48.4	47.6	47.2	47.1	47.3	46.8	46.2	45.8	—	45.6	46.7	48.0
16	49.8	49.4	49.4	49.6	49.3	48.8	49.1	49.4	49.8	50.3	51.0	51.8
17	57.3	56.5	57.5	57.8	58.3	58.5	58.5	57.4	—	56.6	57.0	57.2
18	54.1	55.7	55.5	—	—	—	—	—	—	—	—	—
19	—	—	—	46.0	45.0	45.1	46.0	45.5	44.4	43.8	44.4	44.1
20	43.5	43.4	43.2	43.5	43.7	44.0	44.2	44.2	44.5	44.7	44.5	47.8
21	46.4	45.4	44.3	44.1	44.0	43.2	42.4	42.2	42.8	42.7	42.5	45.5
22	47.0	44.6	44.2	45.0	45.3	45.7	46.2	46.0	46.5	46.5	45.8	48.2
23	50.2	48.4	48.2	48.7	47.6	47.0	46.2	45.8	45.2	45.2	45.8	46.8
24	49.4	50.0	50.0	49.3	48.6	47.4	46.4	45.6	44.7	44.2	44.0	44.2
25	56.2	55.7	55.0	—	—	—	—	—	—	—	—	—
26	—	—	—	51.2	50.4	49.6	49.0	48.6	48.0	47.4	47.0	48.0
27	53.6	53.3	53.3	52.7	53.0	51.6	51.6	51.6	51.8	51.2	51.0	51.3
28	52.0	51.2	51.4	51.0	49.8	49.7	48.7	48.0	—	47.0	46.4	46.7
29	45.8	45.2	45.7	45.2	45.1	45.2	45.2	47.5	—	48.8	49.4	50.4
30	48.5	47.8	47.6	48.1	48.0	48.2	48.2	47.8	48.0	48.1	48.0	49.2
Hourly Means	51.66	51.16	50.85	50.98	50.99	50.82	50.53	50.29	50.19	49.89	50.12	51.28

^a Good Friday.

STANDARD THERMOMETER.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
58.2	63.5	64.0	66.0	67.8	69.4	71.6	71.8	67.4	63.9	61.2	59.6	60.42
59.6	62.2	63.0	64.8	66.5	67.7	67.3	65.8	63.6	62.0	60.5	59.0	59.40
77.3	84.3	89.5	90.0	90.2	70.3 ^b	68.7	63.8	61.3	60.2	59.6	58.8	67.10
71.4	74.0	80.3	86.8	90.6	94.6	96.8	96.0	93.0	90.0	86.6	80.6	72.36
61.4	63.0	65.0	62.8	62.0	63.0	64.0	62.3	60.5	58.8	54.5	53.5	62.10
56.4	58.3	61.6	60.8	61.4	61.8	64.3	63.8	61.8	60.9	60.0	59.1	55.43
66.8	69.8	69.4	68.8	70.2	67.2	65.0	63.8	61.0	59.3	59.4	59.3	62.31
60.3	61.3	61.8	62.2	62.0	63.8	60.4	60.6	58.6	56.6	54.6	53.0	57.74
55.4	58.3	61.3	62.8	62.9	61.7	61.1	58.6	58.2	56.8	56.0	55.0	54.48
56.6	58.6	59.8	61.4	62.0	61.0	63.0	62.7	60.8	58.7	57.0	54.0	54.62
58.0	62.3	65.3	67.8	71.8	76.6	78.2	76.0	74.2	71.8	69.8	67.0	59.33
68.3	74.0	78.0	78.2	77.2	76.8	72.2	66.3	64.0	63.0	62.0	61.0	65.30
57.0	62.2	63.2	65.0	66.0	66.7	67.9	68.0	65.8	62.7	59.7	57.2	58.18
63.0	67.2	69.6	73.0	74.4	76.8	75.8	75.2	70.6	68.2	65.4	63.6	62.59
63.6	66.4	70.2	71.6	70.7	72.2	70.7	68.3	68.7	67.7	66.8	66.0	64.88
56.2	57.0	58.7	59.3	59.7	60.3	59.7	58.6	57.8	56.7	55.8	55.0	60.00
67.6	66.6	67.7	69.4	69.0	69.6	68.6	67.9	66.6	65.8	65.4	65.6	62.54
59.6	63.4	67.0	67.8	66.8	66.8	66.6	65.7	64.4	61.5	60.0	58.5	62.21
53.8	54.8	55.7	56.0	54.8	53.2	54.4	56.6	55.2	54.0	51.0	50.6	53.83
59.2	60.4	58.8	59.4	58.0	54.5	56.5	53.4	53.0	50.5	49.0	48.5	52.98
51.8	52.5	55.5	56.5	57.0	57.0	56.3	54.2	52.8	51.1	50.4	49.8	51.16
49.7	49.4	50.2	50.8	52.0	52.0	52.8	53.4	53.0	52.6	52.2	52.0	50.28
61.0	60.4	62.6	66.0	65.8	65.0	64.8	62.3	59.8	57.7	56.0	54.7	56.38
50.8	54.0	52.2	54.3	55.4	55.2	52.0	50.9	50.0	48.2	46.4	45.7	50.95
51.6	53.5	55.2	57.0	56.5	58.1	59.0	58.8	57.0	54.3	53.5	52.0	51.45
51.4	52.5	50.2	50.2	52.1	51.3	49.7	43.7	45.2	44.3	43.0	42.7	47.90
47.8	50.3	50.3	50.5	51.6	52.6	51.0	51.0	49.8	49.8	49.6	49.5	46.75
59.03	61.49	63.19	64.41	64.98	64.64	64.38	62.94	61.26	59.52	57.98	56.71	57.87
53.0	53.0	55.0	53.8	55.0	—	54.7	53.4	53.0	51.7	51.3	51.0	51.34
51.8	54.0	56.0	58.0	57.6	58.4	58.8	56.8	54.2	52.2	51.1	50.7	52.57
52.4	54.4	56.2	59.6	60.2	60.8	61.8	60.8	59.6	58.2	57.6	56.2	53.65
55.3	58.0	58.8	59.2	60.6	61.7	60.7	59.8	58.5	57.0	56.3	56.4	55.98
62.4	63.6	62.3	64.2	64.2	65.0	63.6	61.0	59.4	58.0	57.2	56.8	59.22
57.0	59.2	61.8	65.0	62.7	62.0	59.0	58.2	57.4	56.2	53.1	53.9	56.03
55.0	56.5	57.5	59.4	62.2	61.7	61.2	59.2	57.0	56.0	55.4	54.2	55.40
53.6	54.5	54.0	54.0	54.8	53.0	52.0	51.0	47.8	46.2	46.0	45.3	53.34
59.2	60.8	62.2	64.0	65.4	65.4	66.8	65.6	64.4	62.0	59.2	57.8	57.78
57.4	61.4	63.6	66.0	68.0	68.7	68.0	67.2	65.8	63.8	61.0	60.0	60.64
70.0	71.4	68.5	67.8	64.8	63.2	60.3	59.5	57.3	54.1	53.4	51.8	61.43
49.2	51.4	52.6	53.9	56.4	56.4	56.8	56.0	53.8	52.0	51.0	49.8	50.26
53.8	56.4	60.6	64.6	66.0	65.8	65.3	64.2	61.8	59.3	58.0	57.5	55.46
60.0	63.0	66.0	66.5	67.9	67.1	66.8	62.6	60.4	58.6	58.0	54.3	60.16
45.3	46.4	46.4	47.8	48.8	49.8	50.0	47.6	46.2	45.0	44.5	44.5	47.16
48.8	49.7	52.5	54.8	54.2	54.4	53.5	53.2	51.5	49.1	47.6	47.6	47.84
48.8	50.2	52.6	54.3	54.5	55.0	54.8	53.8	51.2	49.8	48.8	48.2	47.81
51.3	54.4	56.5	58.8	60.5	61.7	58.2	55.5	53.1	52.6	52.1	51.2	50.70
48.8	50.2	54.5	57.5	59.0	60.4	59.5	56.7	55.4	53.4	51.8	50.0	50.93
45.4	47.2	49.6	53.0	54.2	53.9	54.6	55.7	55.3	55.4	55.7	55.7	49.98
49.5	52.8	55.6	57.3	56.8	59.2	58.2	57.6	55.7	54.0	53.6	53.4	52.91
52.0	57.3	55.0	52.9	53.0	52.6	52.2	50.6	51.2	51.8	51.8	51.6	52.42
47.6	48.8	50.2	51.0	51.4	51.4	51.0	50.8	49.6	48.8	47.4	45.7	49.37
51.5	52.5	53.2	54.0	54.3	53.8	52.6	51.6	50.6	49.4	49.0	49.0	49.35
51.0	53.6	55.5	56.7	58.5	58.4	59.3	54.8	52.6	51.8	51.0	50.6	51.30
53.20	55.23	56.67	58.32	58.84	59.16	58.39	56.93	55.31	53.86	52.88	52.13	53.32

^b Sudden change of wind affecting the temperature.

STANDARD THERMOMETER.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
MAY.	1	50.8	50.6	50.6	50.0	49.7	49.0	48.4	48.2	47.6	46.7	46.7	47.1
	2	53.3	52.5	51.8	—	—	—	—	—	—	—	—	—
	3	—	—	—	48.6	48.2	48.2	47.8	46.8	46.2	46.4	46.6	48.4
	4	46.4	45.2	44.0	43.6	—	—	—	—	—	42.3	42.8	43.3
	5	42.5	43.0	43.0	44.1	42.0	42.8	42.1	40.3	40.2	40.0	40.6	39.4
	6	45.3	44.3	45.1	44.8	45.5	46.2	46.5	47.2	46.8	47.0	47.2	48.3
	7	47.4	46.8	46.8	47.6	46.9	47.1	48.0	48.1	48.8	49.6	49.7	51.3
	8	50.5	50.4	49.2	48.0	47.2	47.1	46.5	46.0	46.0	46.2	47.2	48.4
	9	55.4	56.1	56.3	—	—	—	—	—	—	—	—	—
	10	—	—	—	55.3	55.4	55.0	54.9	55.0	55.2	55.0	55.3	55.9
	11	54.9	53.8	52.8	52.0	52.1	51.7	51.2	50.3	50.5	50.8	50.0	51.3
	12	48.6	47.8	47.4	46.7	—	46.2	45.0	43.8	44.0	44.0	44.0	45.8
	13	57.0	53.8	52.2	51.6	50.7	49.8	49.0	47.7	47.4	46.6	45.2	47.2
	14	43.2	42.7	42.0	42.2	42.0	42.0	42.4	42.4	—	44.0	45.0	46.6
	15	47.0	46.5	45.6	47.2	47.1	46.6	45.7	46.5	46.6	46.8	46.7	47.8
	16	49.2	49.2	48.6	—	—	—	—	—	—	—	—	—
	17	—	—	—	42.4	42.2	42.1	41.7	40.6	40.4	40.0	40.8	42.2
	18	42.7	43.0	42.3	41.4	41.5	41.5	41.6	41.8	41.6	41.3	41.0	41.8
	19	41.4	40.5	39.8	39.0	38.2	38.2	37.1	36.7	36.2	36.4	36.0	37.4
	20	43.0	42.7	42.5	41.7	42.0	43.2	43.8	44.3	—	43.5	43.6	45.0
	21	46.0	45.4	45.8	46.1	47.2	47.8	48.6	49.4	46.0	44.5	45.0	47.2
	22	45.4	45.2	45.0	44.6	44.8	44.2	43.8	43.0	42.7	42.8	43.6	45.6
	23	42.8	42.0	42.8	—	—	—	—	—	—	—	—	—
	24	—	—	—	45.6	45.0	44.6	44.0	42.4	41.4	40.3	40.0	40.5
	25	47.2	46.0	45.8	45.4	44.5	44.3	44.2	43.9	—	43.6	43.4	42.8
	26	42.4	41.9	41.9	41.2	41.6	42.1	42.3	42.2	42.4	42.5	43.0	43.8
	27	47.2	47.9	47.3	46.2	47.2	47.2	47.2	47.4	48.8	49.0	50.0	51.2
	28	51.6	50.3	49.0	47.4	47.0	46.4	46.8	46.8	47.4	46.9	45.8	47.0
	29	43.5	43.0	43.8	43.0	44.8	44.9	44.6	44.7	45.0	45.2	45.2	45.7
	30	44.8	44.8	45.0	—	—	—	—	—	—	—	—	—
	31	—	—	—	45.0	45.0	45.8	45.3	47.8	47.6	47.8	46.7	48.2
Hourly Means	47.29	46.75	46.40	45.80	45.74	45.76	45.54	45.33	45.40	44.97	45.05	46.12	
JUNE.	1	50.8	50.0	49.7	49.6	—	48.2	47.2	47.2	47.2	47.2	47.2	48.8
	2	45.3	45.3	47.3	46.3	45.6	44.8	44.4	44.2	43.1	43.0	41.5	44.4
	3	46.8	47.8	48.2	48.6	49.2	49.0	48.8	48.0	48.2	48.7	48.0	49.0
	4	55.8	55.6	54.1	52.8	—	49.4	49.4	49.0	48.1	46.6	45.3	46.0
	5	40.0	40.6	40.6	40.6	40.7	41.0	42.0	42.7	42.5	42.9	45.2	45.2
	6	46.3	46.7	46.2	—	—	—	—	—	—	—	—	—
	7	—	—	—	42.9	42.9	42.7	42.2	41.8	41.8	41.8	42.0	42.4
	8	40.0	40.4	41.0	39.2	—	39.0	38.6	39.0	39.5	39.8	40.0	40.5
	9	47.4	47.6	47.4	47.8	47.5	47.5	47.8	47.2	47.6	47.8	47.8	47.6
	10	47.0	45.5	44.8	44.8	43.2	42.0	41.4	41.5	42.0	42.4	42.0	42.4
	11	41.8	40.3	39.6	39.2	39.6	39.8	40.0	39.4	37.8	36.8	36.2	35.8
	12	35.8	36.0	36.0	35.4	35.2	34.6	34.2	33.8	—	33.3	33.2	33.6
	13	39.3	38.3	37.7	—	—	—	—	—	—	—	—	—
	14	—	—	—	46.6	46.4	46.5	45.4	44.6	44.0	43.2	42.5	42.0
	15	43.2	42.5	41.0	42.2	41.0	40.0	39.6	39.0	38.3	38.2	37.6	37.2
	16	41.0	41.5	40.8	40.7	40.4	40.7	40.7	40.6	—	40.0	39.4	39.0
	17	43.7	44.1	45.3	44.7	45.0	45.4	45.8	44.6	44.2	44.0	44.3	45.0
	18	49.7	48.9	49.0	49.2	49.8	50.2	50.3	50.3	—	—	—	52.6
	19	47.0	46.0	45.0	44.8	44.6	43.8	44.0	44.0	43.8	43.4	43.6	43.6
	20	43.8	43.3	40.6	—	—	—	—	—	—	—	—	—
	21	—	—	—	43.8	43.8	44.3	44.2	44.1	43.8	42.8	42.4	42.5
	22	45.2	44.5	44.5	44.6	44.0	42.9	42.7	42.7	42.6	42.6	42.4	42.4
	23	45.0	45.1	44.6	43.7	—	44.0	44.6	42.8	—	41.3	41.0	41.2
	24	44.0	44.0	44.0	43.4	42.5	43.0	43.0	42.2	42.6	42.6	42.7	44.1
	25	48.8	48.5	48.8	48.8	48.6	48.6	48.6	48.0	48.8	49.7	48.6	47.8
	26	42.6	41.6	41.3	40.5	39.2	38.0	37.4	38.4	39.0	39.0	40.1	41.0
	27	42.6	43.4	43.2	—	—	—	—	—	—	—	—	—
	28	—	—	—	45.3	44.7	44.6	44.8	43.7	43.8	44.0	44.0	43.6
	29	49.7	49.6	47.7	45.6	45.2	44.8	44.0	43.2	42.6	41.1	40.7	41.1
	30	41.8	41.0	41.6	42.4	—	43.0	43.6	43.7	44.2	44.3	44.7	45.2
Hourly Means	44.78	44.54	44.23	44.37	43.77	43.76	43.64	43.29	43.43	42.66	42.50	43.23	

STANDARD THERMOMETER.												Daily and Monthly Means.
12	13	14	15	16	17	18	19	20	21	22	23	
21	22	23	0	1	2	3	4	5	6	7	8	
49°4	51°2	54°0	55°8	57°3	58°7	58°2	56°5	55°8	54°2	53°6	53°0	51°80
—	—	—	—	—	—	—	—	—	—	—	—	49°77
49°0	49°3	50°2	51°8	54°8	55°2	53°0	51°4	50°0	49°0	48°6	47°4	44°69
45°4	47°6	47°2	45°2	45°0	46°0	46°5	45°4	44°0	43°5	43°0	42°7	42°88
42°6	42°5	45°2	45°2	43°4	44°6	45°4	44°6	43°5	44°7	43°8	43°6	48°78
49°7	51°0	51°8	52°4	52°8	53°6	54°2	53°0	51°8	49°8	48°8	47°6	51°68
54°0	54°4	55°2	56°2	56°7	58°8	59°0	56°4	55°0	53°0	52°2	51°2	51°20
50°6	53°2	55°0	55°5	56°0	57°0	56°0	55°3	54°8	54°7	53°7	54°2	56°92
—	—	—	—	—	—	—	—	—	—	—	—	53°30
56°0	57°8	58°8	58°8	59°1	60°5	60°8	60°0	58°2	58°0	57°1	56°1	50°35
54°0	56°0	57°8	59°0	58°4	56°8	56°7	55°6	53°4	51°5	49°7	48°8	48°92
48°5	47°8	51°4	54°7	55°9	54°8	56°6	58°8	58°0	55°0	56°6	56°6	46°31
49°0	49°6	46°6	48°6	50°5	51°7	49°5	49°0	46°6	45°8	44°8	44°2	49°08
48°6	48°2	49°7	49°8	49°7	50°2	50°8	50°3	49°0	49°4	48°0	47°0	44°73
50°0	52°2	53°0	53°2	53°8	53°6	53°2	51°3	50°0	49°7	49°0	48°7	43°57
—	—	—	—	—	—	—	—	—	—	—	—	41°90
45°3	47°5	43°8	45°7	50°0	50°1	48°9	47°1	45°5	44°5	43°5	42°3	47°17
43°0	45°3	46°9	46°3	46°6	49°2	48°6	46°0	44°2	43°2	42°8	42°2	46°90
40°2	42°8	46°4	47°8	47°8	47°8	48°5	47°8	47°0	45°0	44°1	43°5	46°60
49°8	50°5	50°8	54°0	55°8	54°8	53°3	50°6	49°2	47°8	46°7	46°2	45°57
48°0	47°0	47°7	48°7	49°3	48°7	47°7	47°3	46°2	45°8	45°6	44°6	46°46
47°6	50°6	50°8	52°6	52°8	52°2	50°5	48°8	46°8	45°5	45°2	44°3	46°03
—	—	—	—	—	—	—	—	—	—	—	—	51°62
43°8	47°0	48°8	50°6	51°4	51°2	50°5	49°0	48°2	47°8	47°4	46°6	48°42
42°8	44°0	48°2	50°6	53°2	55°0	52°1	50°5	49°0	45°6	44°0	42°5	48°98
44°6	46°0	48°8	51°2	53°1	52°1	54°6	51°8	50°0	48°8	48°4	48°0	51°55
53°2	54°5	56°6	57°0	57°6	57°8	56°0	54°8	56°6	53°2	52°5	52°4	—
47°8	48°2	51°2	52°6	53°3	54°0	52°5	49°2	47°0	45°8	44°1	44°1	—
47°5	48°4	50°6	51°9	53°0	52°0	52°5	51°0	49°0	47°6	45°8	45°1	—
51°0	53°3	55°2	56°7	59°2	59°2	57°4	55°5	53°8	53°0	51°9	51°5	—
48°13	49°46	50°83	51°99	52°94	53°30	52°81	51°42	50°10	48°92	48°11	47°48	48°19
51°4	54°6	57°0	58°0	58°6	58°2	57°4	54°2	50°7	49°1	47°6	46°3	51°14
46°5	48°4	50°0	50°4	51°7	52°7	52°2	50°8	49°5	47°8	47°0	46°2	47°02
49°8	52°0	54°4	56°8	57°8	58°0	58°8	58°0	57°2	56°8	56°8	56°8	52°22
47°1	47°1	48°8	47°3	46°5	47°8	46°7	44°0	42°4	41°4	41°0	40°4	47°50
47°7	48°2	51°0	51°8	50°4	51°2	51°2	49°4	47°6	47°0	46°3	46°3	45°50
—	—	—	—	—	—	—	—	—	—	—	—	44°58
43°2	44°8	47°0	49°2	49°7	49°3	49°2	47°7	45°1	43°0	41°6	40°5	44°09
43°0	44°8	45°6	47°9	50°4	51°0	51°2	49°8	49°4	48°2	48°2	47°6	48°25
48°2	48°4	49°2	49°4	50°2	49°8	49°2	48°8	48°8	48°6	48°6	47°8	45°35
44°5	45°6	47°8	48°8	50°3	51°9	49°3	48°6	47°4	46°2	45°2	43°8	40°07
37°6	39°3	42°0	44°0	45°6	45°8	45°6	43°2	40°4	38°4	37°0	36°4	37°61
35°8	37°8	40°4	42°4	42°3	44°0	43°2	41°4	40°0	39°6	38°4	38°6	46°12
—	—	—	—	—	—	—	—	—	—	—	—	41°15
44°5	48°3	49°0	51°2	53°4	53°0	52°0	51°4	49°4	47°6	46°6	44°0	44°35
37°8	39°4	41°8	43°6	45°0	45°0	45°0	43°5	42°0	41°3	42°2	41°3	47°32
41°3	45°0	49°0	51°5	51°2	53°3	50°5	50°4	48°3	45°5	45°2	44°1	52°24
45°3	46°6	47°2	48°5	52°8	54°0	53°6	51°6	50°8	50°3	49°4	49°6	44°63
53°6	56°0	55°6	57°6	57°3	56°8	55°5	54°5	53°2	51°3	48°3	47°3	—
44°0	44°2	44°5	44°8	44°8	45°0	44°7	44°8	44°6	44°7	45°4	46°1	—
—	—	—	—	—	—	—	—	—	—	—	—	44°91
43°2	44°4	45°4	47°4	48°4	48°0	47°8	48°0	47°7	47°0	46°0	45°1	44°85
42°4	43°5	46°0	48°0	49°0	49°6	49°0	48°0	46°2	44°3	44°6	44°7	45°60
44°1	46°8	49°6	50°6	50°7	51°3	49°8	47°8	46°2	44°6	44°4	44°0	46°97
47°2	50°0	51°6	52°8	53°1	53°6	53°0	51°2	50°2	48°8	48°8	48°8	49°09
47°9	48°5	49°0	50°0	51°6	52°5	51°6	50°3	49°1	50°8	48°3	45°0	41°77
42°1	44°3	44°5	44°1	44°8	44°6	45°0	44°0	43°0	42°8	42°6	42°6	—
—	—	—	—	—	—	—	—	—	—	—	—	47°11
47°4	48°7	50°3	50°8	52°7	52°6	52°2	51°3	49°6	49°2	49°4	48°7	44°51
42°3	44°4	45°4	47°3	47°0	47°4	46°6	44°4	42°8	42°4	41°8	41°2	44°04
44°6	44°2	44°8	45°6	46°3	47°5	47°3	45°3	44°0	43°5	41°8	42°6	—
44°71	46°36	47°96	49°22	50°06	50°53	49°91	48°55	47°14	46°16	45°48	44°84	45°69

STANDARD THERMOMETER.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
JULY.	1	42°6	42°5	42°0	42°0	42°8	42°7	42°2	41°4	—	39°4	39°0	40°6
	2	40°5	39°6	39°6	39°6	39°8	39°4	39°2	39°2	38°8	39°2	39°5	40°4
	3	39°4	39°1	39°1	38°1	39°8	39°7	39°2	38°0	37°0	36°8	36°2	35°4
	4	40°0	39°6	37°8	—	—	—	—	—	—	—	—	—
	5	—	—	—	42°0	41°5	41°0	40°6	40°0	39°6	39°1	38°7	39°6
	6	38°7	38°6	38°8	39°0	—	39°3	40°0	41°0	41°4	42°2	43°0	43°4
	7	42°0	41°0	40°4	40°0	40°1	39°8	39°4	38°5	37°8	37°0	36°4	36°6
	8	39°2	41°4	41°2	40°8	41°0	41°2	41°4	41°8	41°9	42°0	42°5	42°8
	9	46°0	46°2	46°0	46°0	45°0	44°6	46°0	45°7	45°3	44°7	43°7	44°5
	10	43°5	42°0	41°5	41°2	41°3	41°8	41°7	41°6	—	42°8	43°0	44°0
	11	45°1	43°0	44°1	—	—	—	—	—	—	—	—	—
	12	—	—	—	—	38°6	38°8	38°6	37°2	37°6	37°7	37°7	37°9
	13	35°6	35°0	35°0	35°1	—	33°7	34°1	33°3	33°4	32°8	32°4	32°2
	14	34°2	33°3	33°2	33°2	—	31°8	31°8	32°0	31°8	31°6	31°5	31°8
	15	37°2	36°8	36°0	35°6	34°8	34°1	33°5	33°1	32°6	31°6	31°6	32°4
	16	39°5	39°0	38°1	37°2	36°4	35°6	35°2	34°6	34°2	34°0	34°2	34°6
	17	37°1	36°3	36°8	37°3	37°0	37°0	37°2	37°4	36°3	34°8	35°4	36°8
	18	42°2	43°4	42°8	—	—	—	—	—	—	—	—	—
	19	—	—	—	38°6	38°1	37°4	36°7	36°1	—	33°8	33°6	33°8
	20	41°2	41°2	41°7	43°6	44°0	44°4	44°4	44°4	44°0	44°0	44°8	45°5
	21	46°0	44°6	44°2	43°0	42°0	41°8	41°0	38°8	38°6	37°5	37°8	37°3
	22	44°1	44°2	44°2	43°6	43°0	42°7	41°8	40°5	40°4	40°4	40°8	40°4
	23	46°6	45°1	44°9	44°8	44°0	43°6	43°6	43°8	43°7	43°2	42°8	42°5
	24	45°6	44°3	43°2	41°9	42°0	42°0	40°6	40°7	39°6	39°8	40°0	41°8
	25	47°3	47°0	46°8	—	—	—	—	—	—	—	—	—
	26	—	—	—	47°4	45°2	43°8	43°0	42°6	41°8	41°7	41°5	43°2
	27	49°5	49°8	49°6	48°7	47°4	46°7	44°8	43°3	—	41°6	40°8	42°4
	28	43°5	42°8	41°9	41°4	40°6	39°6	39°5	39°6	40°0	40°0	40°8	42°0
	29	45°2	45°3	45°6	45°7	45°3	45°3	45°5	45°6	—	44°7	45°2	45°4
	30	45°0	44°8	45°0	45°0	44°5	43°8	43°5	42°6	43°1	43°3	43°3	43°7
	31	42°1	42°2	42°0	41°8	40°2	38°7	38°6	39°2	39°0	38°4	38°4	39°0
Hourly Means	42°18	41°78	41°54	41°27	41°43	40°38	40°12	39°71	38°99	39°04	39°06	39°63	
AUGUST.	1	40°7	40°4	40°3	—	—	—	—	—	—	—	—	
	2	—	—	—	38°7	39°0	38°0	38°5	38°7	38°0	38°7	40°3	39°7
	3	40°0	39°0	37°9	37°1	37°7	37°8	37°5	36°8	36°5	36°2	35°8	38°0
	4	38°7	37°4	36°3	35°7	35°4	35°0	33°8	33°6	—	33°2	33°5	33°5
	5	37°0	35°8	35°6	35°0	34°5	33°5	32°8	33°0	32°8	32°8	32°7	33°3
	6	35°1	34°0	33°4	33°0	32°7	32°2	31°7	32°2	—	32°4	33°0	33°6
	7	39°4	39°0	38°7	39°2	39°0	38°7	38°3	37°6	37°0	37°5	37°2	38°0
	8	43°4	43°5	43°5	—	—	—	—	—	—	—	—	—
	9	—	—	—	38°2	37°2	37°2	36°8	36°9	36°0	35°2	35°4	36°6
	10	34°7	34°6	34°6	37°3	37°2	36°6	36°2	35°8	35°1	34°7	33°7	36°0
	11	39°2	40°4	40°2	40°0	39°8	39°8	37°9	40°3	40°7	41°7	41°3	42°4
	12	48°3	48°0	49°0	49°1	49°0	48°7	48°5	48°3	—	48°4	48°4	51°4
	13	51°6	50°6	50°7	50°7	50°6	50°5	50°3	50°0	49°5	48°8	48°3	48°4
	14	45°0	43°8	44°0	44°4	43°8	43°2	42°9	43°3	44°2	44°3	44°0	45°1
	15	49°7	49°7	49°0	—	—	—	—	—	—	—	—	—
	16	—	—	—	44°4	43°2	42°6	41°8	40°6	39°8	38°6	38°0	39°1
	17	45°0	45°0	44°8	44°8	44°4	44°0	44°0	44°2	44°0	44°0	44°0	44°8
	18	50°3	49°4	49°7	50°0	49°7	49°6	49°5	49°6	49°4	49°0	49°0	49°2
	19	46°7	44°7	44°4	44°3	43°8	42°8	41°8	42°2	41°5	41°3	41°2	41°8
	20	40°0	39°4	38°8	38°4	—	37°6	37°2	37°1	36°2	35°7	36°0	36°7
	21	42°2	42°0	39°9	39°7	—	37°7	37°2	36°6	36°6	36°8	36°4	39°4
	22	44°7	43°5	42°8	—	—	—	—	—	—	—	—	—
	23	—	—	—	44°2	43°1	43°0	42°2	42°1	40°8	40°1	39°8	40°9
	24	50°2	49°8	49°2	47°2	45°4	44°2	43°3	42°7	41°8	41°3	41°5	44°3
	25	43°7	42°7	43°8	43°6	—	43°0	42°5	42°6	42°5	42°0	41°5	42°5
	26	39°6	38°6	38°6	39°0	39°5	39°5	40°0	40°0	—	40°6	41°6	42°3
	27	44°1	44°0	43°3	42°5	41°1	39°7	38°6	38°2	38°0	37°8	38°8	40°4
	28	42°6	42°1	42°1	40°6	40°1	39°6	38°6	38°0	37°2	36°8	37°0	40°7
	29	46°0	46°3	46°5	—	—	—	—	—	—	—	—	—
	30	—	—	—	46°7	46°3	46°1	45°6	45°0	45°0	45°0	45°0	46°4
	31	47°6	47°2	47°1	47°0	46°4	45°0	43°6	44°4	44°3	44°2	44°8	45°8
Hourly Means	43°29	42°73	42°47	41°95	41°69	40°98	40°43	40°32	40°31	39°89	39°93	41°17	

STANDARD THERMOMETER.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
40.8	43.7	46.0	47.8	47.9	47.8	47.9	45.6	42.2	41.7	42.2	41.2	43.17
41.7	44.7	45.0	46.2	47.6	47.6	48.0	46.6	44.0	42.6	41.0	39.9	42.08
35.8	39.0	41.8	44.8	46.2	47.2	45.6	44.0	43.6	42.0	40.8	41.0	40.40
—	—	—	—	—	—	—	—	—	—	—	—	—
41.1	43.2	44.4	44.8	45.2	45.0	44.4	43.5	42.6	41.2	40.3	38.2	41.40
43.0	44.6	45.0	45.8	46.5	47.2	46.1	45.0	43.4	43.8	42.6	42.0	42.63
39.8	42.6	46.0	45.6	46.0	45.6	45.9	45.6	44.6	42.3	40.1	39.2	41.35
43.0	46.8	49.0	50.2	51.2	51.4	50.0	49.0	48.6	48.0	47.2	46.6	44.93
47.6	49.0	49.8	50.4	51.8	51.8	51.5	48.2	46.2	45.8	45.2	43.7	46.86
46.0	46.5	47.2	47.9	48.7	49.7	51.2	50.3	49.0	47.6	46.4	45.7	45.24
—	—	—	—	—	—	—	—	—	—	—	—	—
39.8	42.2	44.4	46.0	47.2	47.5	46.5	44.2	41.8	39.8	38.0	36.6	41.32
34.0	35.1	37.0	39.3	43.0	44.0	43.4	41.6	38.3	36.5	35.6	35.0	36.32
34.3	35.4	37.6	40.7	42.2	42.4	41.3	40.6	41.0	39.6	38.2	38.0	36.98
35.4	37.0	39.2	42.0	43.0	45.2	44.0	42.3	41.3	40.3	40.0	40.0	37.46
36.8	37.2	41.6	44.2	46.2	47.4	47.5	45.4	42.1	39.4	38.3	37.2	38.99
38.2	39.0	41.0	41.2	41.1	41.3	42.0	41.8	40.8	40.6	41.6	41.4	38.72
—	—	—	—	—	—	—	—	—	—	—	—	—
36.0	37.0	39.6	42.1	44.1	46.1	45.8	44.4	41.4	40.7	40.7	40.7	39.79
45.3	46.3	47.3	49.4	49.8	50.8	51.2	50.0	49.0	48.2	47.4	45.8	45.99
39.5	42.6	45.0	49.2	52.5	52.2	53.7	52.3	49.4	47.6	46.1	44.8	44.48
41.2	42.2	46.2	50.0	51.6	51.5	54.2	52.4	51.0	49.9	49.6	48.2	45.59
43.8	47.0	49.5	52.1	54.3	54.7	53.7	52.0	48.6	47.6	47.2	46.4	46.90
45.0	47.6	50.2	52.2	54.2	54.9	54.0	52.8	50.2	49.1	48.1	48.0	46.16
—	—	—	—	—	—	—	—	—	—	—	—	—
46.3	47.2	50.8	53.3	55.6	55.2	56.4	54.6	52.6	50.3	49.0	48.2	47.95
44.6	47.5	50.2	51.0	52.0	52.7	53.5	51.2	49.1	47.7	45.0	44.2	47.54
42.6	43.8	43.4	45.2	45.8	45.8	45.7	45.1	44.7	45.2	45.0	44.7	42.86
45.8	46.3	47.6	46.6	46.4	47.6	47.0	46.2	45.4	45.6	44.6	44.6	45.76
43.8	46.0	46.0	45.4	45.0	44.8	43.8	44.5	44.3	42.4	42.2	42.0	44.08
40.4	42.3	45.0	46.0	47.4	48.3	46.5	44.9	43.9	43.2	42.1	41.2	42.12
41.17	43.03	45.03	46.64	47.87	48.36	48.18	46.82	45.20	44.03	43.13	42.39	42.82
—	—	—	—	—	—	—	—	—	—	—	—	—
41.3	44.2	46.2	46.0	46.6	46.5	45.0	44.5	43.7	42.5	41.0	40.3	41.62
39.8	42.3	43.9	45.5	46.4	46.6	46.2	44.2	42.7	42.1	—	40.3	40.45
34.9	37.1	39.5	42.8	45.5	47.0	46.8	46.2	42.8	40.0	39.5	38.3	38.54
35.6	38.2	41.2	43.7	46.0	47.2	47.0	45.4	42.0	39.7	37.8	36.3	37.87
34.8	37.2	38.3	39.2	40.7	42.0	43.2	44.0	44.2	43.7	42.3	40.7	37.11
40.0	41.8	46.3	47.4	48.8	49.2	49.7	49.0	47.8	44.4	43.4	44.4	42.16
—	—	—	—	—	—	—	—	—	—	—	—	—
37.8	37.2	37.3	40.3	40.6	38.6	40.7	40.8	36.5	35.3	35.7	35.4	38.17
39.5	40.5	42.6	44.7	46.2	46.0	45.4	44.4	43.6	41.6	40.4	39.4	38.37
45.0	47.2	51.6	53.4	52.5	55.3	52.4	51.5	50.3	49.3	48.5	48.3	45.37
54.5	54.5	53.8	54.1	56.6	57.7	56.4	55.8	53.6	52.7	52.6	52.1	51.80
49.3	51.3	52.3	55.5	56.7	57.0	57.0	55.5	51.8	50.2	48.8	47.0	51.35
46.6	49.2	51.8	55.2	56.2	56.0	56.0	55.5	53.6	52.3	49.9	49.7	48.33
—	—	—	—	—	—	—	—	—	—	—	—	—
40.7	43.0	46.2	49.8	51.4	52.4	52.4	51.0	48.6	47.2	44.6	45.0	45.37
46.8	49.6	52.0	54.0	56.5	54.8	54.8	54.5	53.5	52.0	51.6	51.0	48.50
49.6	50.1	50.5	53.2	54.2	52.9	49.6	47.7	48.0	47.0	46.8	46.2	49.60
44.2	47.2	48.3	47.0	48.0	48.6	47.6	46.2	44.8	43.6	41.2	41.0	44.34
38.4	41.0	44.6	48.2	50.0	50.3	51.8	50.0	48.7	47.0	45.0	44.5	42.29
44.0	46.5	50.3	52.8	54.0	53.5	51.6	51.2	49.3	46.3	44.5	44.3	44.04
—	—	—	—	—	—	—	—	—	—	—	—	—
43.2	47.0	50.8	53.7	55.7	58.0	56.6	55.6	54.2	52.1	51.8	51.0	47.41
45.6	47.0	49.0	52.2	53.0	55.3	53.1	49.7	48.7	47.8	46.3	46.0	47.23
43.2	43.6	44.7	45.4	45.8	44.8	43.8	41.5	43.0	40.6	40.6	39.0	42.89
43.0	44.2	45.4	45.6	46.5	46.6	46.2	44.8	44.5	43.7	44.3	44.0	42.53
44.2	47.0	50.2	52.3	52.2	54.0	50.3	52.5	50.2	46.6	44.8	44.0	44.91
42.2	45.5	47.8	50.2	51.5	51.0	52.7	50.2	49.1	47.8	47.2	46.4	44.04
—	—	—	—	—	—	—	—	—	—	—	—	—
47.8	49.8	53.3	53.7	54.1	55.2	53.6	53.0	51.2	49.6	48.7	48.2	48.67
47.9	51.0	52.8	54.0	53.8	54.4	54.6	53.4	50.2	47.8	46.2	45.0	48.27
43.07	45.12	47.33	49.19	50.36	50.80	50.29	49.16	47.56	45.88	44.94	44.15	44.28

STANDARD THERMOMETER.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
SEPTEMBER.	°	°	°	°	°	°	°	°	°	°	°	°	
	1	44.4	44.8	44.8	45.0	43.5	42.5	41.5	41.3	42.3	42.4	43.2	45.2
	2	44.0	43.8	44.5	44.7	44.8	44.8	45.0	44.7	45.0	44.4	45.0	45.6
	3	45.0	45.6	45.6	45.2	45.2	45.0	45.2	45.4	45.2	45.0	45.5	46.8
	4	40.6	41.0	40.2	40.6	40.5	40.5	41.0	40.5	40.3	39.8	41.2	42.6
	5	43.0	43.0	43.0	—	—	—	—	—	—	—	—	—
	6	—	—	—	43.4	43.0	43.0	43.0	43.0	42.6	41.0	40.8	43.8
	7	46.0	45.0	45.2	42.5	42.0	41.5	40.0	39.3	—	38.6	40.0	42.4
	8	46.6	45.1	45.0	44.5	44.4	44.8	44.6	43.3	42.7	42.5	43.0	44.2
	9	53.1	52.4	52.2	51.5	52.2	52.5	52.2	52.0	51.5	53.0	56.5	57.1
	10	55.6	55.8	55.6	55.4	54.6	53.0	49.0	47.0	46.6	46.2	45.8	46.6
	11	48.0	48.1	46.0	46.0	47.1	46.6	46.7	46.8	46.2	46.0	46.6	48.2
	12	42.8	42.5	40.7	—	—	—	—	—	—	—	—	—
	13	—	—	—	49.2	49.0	47.8	47.0	46.0	44.7	44.7	44.0	43.8
	14	42.0	41.6	41.5	41.7	40.6	40.4	41.0	40.8	40.8	40.6	41.2	42.7
	15	42.8	41.1	39.8	38.3	38.2	37.5	36.6	36.8	36.8	36.6	37.8	40.4
	16	52.3	51.6	51.5	51.4	51.5	51.6	51.8	50.7	49.3	48.6	49.6	49.6
	17	52.0	51.6	50.2	49.7	48.8	47.5	46.6	46.9	48.1	49.0	50.4	51.4
	18	45.6	44.8	44.5	43.7	43.6	42.6	41.6	41.6	41.5	42.0	44.6	48.0
	19	42.8	42.0	39.6	—	—	—	—	—	—	—	—	—
	20	—	—	—	44.8	44.7	44.6	44.3	43.5	42.8	41.8	43.6	44.8
	21	44.2	42.3	41.2	40.2	—	38.6	38.4	38.2	38.5	38.3	41.7	43.5
	22	45.6	44.4	42.8	41.8	40.8	40.5	40.0	39.6	38.8	38.8	41.6	44.3
	23	47.2	46.6	49.0	49.0	49.5	48.8	47.8	47.0	46.6	46.4	48.8	52.4
	24	56.0	53.8	52.7	51.4	50.4	48.8	49.3	49.0	48.8	49.0	51.8	53.8
	25	55.0	54.8	53.4	52.6	51.2	51.2	51.0	51.0	49.8	47.6	49.0	52.6
	26	48.0	46.8	45.8	—	—	—	—	—	—	—	—	—
	27	—	—	—	44.0	43.6	43.0	42.5	42.0	42.0	42.7	45.5	49.2
	28	46.4	45.0	44.6	43.8	—	—	—	—	39.8	41.0	43.8	46.4
	29	46.2	45.0	44.0	43.0	43.2	42.6	43.3	43.8	44.8	45.6	45.2	49.0
30	62.2	62.0	63.7	63.1	61.3	59.0	56.5	53.2	50.1	49.7	52.0	52.5	
Hourly Means	47.60	46.94	46.43	46.40	46.40	45.55	45.04	44.54	44.22	43.90	45.32	47.19	
OCTOBER.	1	45.2	44.6	43.8	43.0	42.0	42.2	42.7	42.4	41.3	42.6	43.4	46.0
	2	49.1	48.2	47.8	47.0	—	—	45.1	44.3	—	45.0	47.6	50.0
	3	62.6	63.5	64.2	—	—	—	—	—	—	—	—	—
	4	—	—	—	52.9	52.1	52.1	51.2	50.6	49.0	48.0	49.2	50.5
	5	47.1	47.0	46.6	46.1	45.9	45.6	45.5	46.5	47.8	48.5	51.8	53.2
	6	56.0	53.1	52.2	51.2	51.0	50.6	50.0	49.0	48.4	47.6	46.1	47.7
	7	38.6	37.0	37.0	36.8	36.5	36.2	35.8	35.8	35.2	36.2	37.2	42.9
	8	52.8	51.8	51.6	51.2	51.2	50.8	50.9	52.0	—	55.6	56.4	53.0
	9	51.2	49.8	49.5	49.0	49.0	49.0	47.8	47.4	47.0	46.8	49.8	52.0
	10	51.0	49.3	50.7	—	—	—	—	—	—	—	—	—
	11	—	—	—	42.8	43.2	43.8	42.1	42.6	42.6	43.0	43.4	45.6
	12	45.3	44.7	43.6	42.6	42.8	42.6	42.4	42.4	43.2	44.2	45.3	47.8
	13	47.8	48.0	46.8	45.8	45.8	45.2	45.4	45.0	44.8	44.8	46.8	49.4
	14	48.1	48.2	48.0	47.1	46.5	46.0	45.2	44.8	—	45.4	49.2	52.4
	15	49.8	49.6	49.4	48.5	47.8	47.4	47.2	47.0	47.3	48.3	51.5	54.8
	16	53.6	52.2	52.6	53.0	52.9	52.8	52.1	52.0	51.7	52.3	54.4	58.8
	17	58.3	57.3	56.0	—	—	—	—	—	—	—	—	—
	18	—	—	—	41.2	40.2	39.8	40.0	40.2	40.1	41.0	42.8	46.8
	19	47.6	46.6	45.7	44.6	43.3	41.8	41.8	41.7	42.0	44.2	48.2	51.2
	20	54.7	53.8	53.0	52.0	50.7	50.4	50.2	49.7	50.5	52.4	53.8	55.0
	21	68.5	68.7	68.6	67.6	66.2	65.2	63.8	62.7	62.0	61.0	61.2	67.3
	22	55.6	54.2	54.0	53.8	54.5	54.6	54.4	53.6	53.2	54.8	56.2	61.7
	23	51.7	51.0	50.1	50.0	49.0	48.7	48.7	47.6	47.0	50.0	54.2	57.8
	24	49.5	49.0	48.6	—	—	—	—	—	—	—	—	—
	25	—	—	—	48.5	47.7	47.0	46.8	47.5	46.2	48.3	51.3	55.7
	26	63.0	61.0	59.7	57.0	56.2	54.3	54.2	53.1	53.2	54.5	58.0	60.2
	27	52.7	52.1	51.7	51.6	51.8	52.0	52.4	52.4	52.4	52.8	53.2	54.0
	28	54.4	54.0	54.0	54.4	53.0	53.0	53.0	52.7	51.9	52.1	53.5	54.6
	29	53.8	53.8	52.5	51.0	49.7	48.3	47.3	47.1	—	47.4	47.4	48.6
	30	46.4	44.3	44.6	44.7	44.2	44.2	44.0	44.4	45.0	46.2	51.0	53.8
Hourly Means	52.09	51.26	50.86	48.98	48.53	48.14	47.70	47.48	47.35	48.20	50.11	52.72	

STANDARD THERMOMETER.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
48.4	50.4	51.4	53.2	54.7	55.2	53.2	53.2	51.2	48.3	46.2	44.8	47.13
46.8	48.1	47.5	48.0	48.9	49.5	48.6	47.0	45.6	46.2	46.3	44.7	45.98
48.3	45.2	45.3	46.7	47.5	46.2	45.0	44.5	43.8	43.2	41.0	40.4	45.08
44.8	46.0	47.4	48.6	48.5	48.5	49.0	47.2	45.1	43.5	43.0	42.0	43.43
—	—	—	—	—	—	—	—	—	—	—	—	46.55
46.8	48.8	51.3	53.4	55.0	55.0	53.6	51.4	49.6	47.8	45.8	46.2	46.55
44.6	49.6	52.0	54.0	56.0	57.5	58.2	55.5	52.8	50.5	48.8	47.0	47.35
—	47.5	49.0	50.5	53.2	57.2	60.5	60.2	57.8	56.2	55.2	54.2	49.23
58.5	58.4	59.8	62.0	61.0	61.4	60.0	59.0	58.8	58.2	57.5	56.8	56.15
48.6	51.0	54.2	56.4	56.5	58.5	56.0	56.8	53.2	50.0	49.9	49.0	52.14
48.8	52.6	54.5	53.0	50.5	53.2	49.8	49.7	48.3	45.7	44.3	44.1	48.20
—	—	—	—	—	—	—	—	—	—	—	—	44.98
42.2	45.5	44.0	46.0	49.0	47.2	45.6	44.9	44.5	43.0	42.6	42.7	44.80
46.6	48.8	50.9	50.7	51.3	50.7	50.3	48.8	47.7	45.3	44.8	44.5	44.80
44.4	48.2	51.3	53.9	55.8	57.8	58.8	57.2	55.8	54.0	52.9	52.7	46.06
51.2	55.8	59.0	61.5	61.5	60.2	60.0	57.5	56.5	54.7	53.1	54.0	53.94
54.4	55.7	55.8	57.2	55.3	54.8	55.2	53.5	50.8	48.4	46.7	45.3	51.05
50.3	52.3	52.3	49.4	50.2	50.8	51.5	49.8	48.4	46.2	44.6	44.0	46.41
—	—	—	—	—	—	—	—	—	—	—	—	46.92
46.8	49.3	51.3	53.8	53.3	54.2	54.4	52.7	50.4	48.6	46.6	45.3	46.80
47.0	50.0	53.2	56.1	56.2	56.5	57.0	55.6	53.0	50.6	48.8	47.4	46.80
48.9	52.1	55.6	58.6	61.3	58.0	57.0	54.7	53.7	51.3	48.8	47.5	47.77
55.4	59.3	61.3	62.2	65.0	65.5	64.4	65.0	62.9	60.7	59.6	58.1	54.94
56.8	60.3	62.3	64.2	65.3	67.2	67.5	66.7	63.2	59.4	55.6	56.0	56.64
59.0	62.4	66.5	67.7	68.4	67.5	65.3	59.0	54.8	51.6	50.2	49.0	55.86
—	—	—	—	—	—	—	—	—	—	—	—	49.98
52.0	53.8	55.8	57.2	59.0	61.6	61.0	57.4	55.0	52.4	50.4	48.8	49.52
49.8	53.0	56.4	56.0	56.5	56.0	56.0	54.0	53.0	51.0	49.8	48.0	56.10
54.4	58.5	66.2	71.2	74.8	75.8	73.0	73.8	69.3	66.1	64.3	63.3	54.51
53.9	53.6	54.1	52.5	52.6	55.0	54.6	54.0	52.4	48.6	46.6	45.0	54.51
49.95	52.16	54.17	55.54	56.43	56.97	56.37	54.97	52.98	50.83	49.36	48.50	49.52
50.4	53.8	55.6	57.6	58.2	57.0	57.8	57.4	54.0	52.0	52.0	52.0	49.04
52.0	55.0	57.0	58.0	60.6	63.9	64.7	64.8	63.3	59.2	60.6	62.4	54.55
—	—	—	—	—	—	—	—	—	—	—	—	53.75
52.2	53.3	54.0	54.8	55.2	56.1	57.1	58.3	54.7	51.0	49.4	48.1	53.99
56.5	57.8	60.0	62.2	63.0	63.0	63.8	63.5	61.5	58.0	58.0	57.0	48.66
47.5	49.0	50.5	48.0	48.0	50.0	48.8	47.7	47.6	45.0	42.2	40.6	46.45
47.6	51.6	54.8	57.0	57.5	59.5	60.0	59.2	58.8	56.0	54.2	53.5	55.47
55.8	56.0	57.0	59.8	63.0	63.4	63.2	61.8	58.2	55.2	53.2	51.8	53.62
54.3	55.9	58.8	59.6	60.8	62.0	63.3	64.8	62.2	54.2	51.8	51.0	47.00
—	—	—	—	—	—	—	—	—	—	—	—	47.98
48.2	48.8	50.0	48.8	52.0	50.3	50.5	49.7	49.6	47.8	46.5	45.8	47.98
51.0	53.2	55.4	54.4	55.4	54.0	52.6	52.6	50.8	49.2	48.6	47.4	48.25
51.4	51.0	52.2	51.6	—	50.8	50.5	50.3	49.8	49.2	48.8	48.5	51.30
54.6	58.0	61.2	57.0	57.6	57.7	54.9	54.1	52.4	51.0	50.3	50.1	55.77
57.6	59.6	62.7	64.5	66.4	67.2	66.8	67.7	63.8	60.6	57.0	56.0	60.21
62.5	67.0	68.8	69.3	72.0	72.6	72.6	71.6	68.0	63.2	60.4	59.1	48.20
—	—	—	—	—	—	—	—	—	—	—	—	52.43
49.5	49.0	49.8	51.8	54.4	54.0	55.6	54.0	50.3	48.6	48.2	48.0	59.99
54.8	57.8	59.6	62.2	64.0	66.0	64.2	64.0	61.0	57.5	55.1	53.5	67.08
57.2	59.5	63.6	62.6	64.2	72.6	73.4	76.7	74.0	71.0	69.2	67.5	58.63
72.5	76.7	78.6	80.8	81.8	75.3	63.5	63.5	60.3	59.0	58.2	57.0	54.28
69.0	68.6	67.4	65.6	64.2	63.7	63.2	62.8	60.0	55.5	54.0	52.5	59.25
60.0	59.8	60.5	61.5	61.3	62.3	60.7	58.8	56.6	53.4	51.4	50.6	58.91
—	—	—	—	—	—	—	—	—	—	—	—	54.54
60.7	63.5	69.3	73.3	75.0	76.0	74.0	73.6	72.8	69.2	64.6	64.0	56.68
61.4	63.0	64.0	66.5	65.0	63.6	63.7	60.3	57.2	56.6	54.8	53.3	50.60
55.2	58.6	59.4	57.9	56.3	56.2	56.2	57.5	56.6	55.8	55.2	55.0	51.41
54.8	59.4	62.8	64.0	66.2	64.2	64.0	63.0	59.0	54.7	53.7	54.0	53.77
47.6	48.2	49.5	52.0	53.0	54.6	56.8	56.2	54.0	50.6	48.3	46.1	53.77
55.8	58.4	58.5	59.6	62.2	62.7	57.4	55.5	54.6	53.0	52.0	51.3	53.77
55.39	57.40	59.27	60.02	61.50	61.49	60.82	60.36	58.12	55.25	53.76	52.93	53.77

STANDARD THERMOMETER.												
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20
Oct. 31	51°0	50°4	50°2	—	—	—	—	—	—	—	—	—
NOVEMBER.												
1	—	—	—	51°2	51°1	50°8	50°7	50°4	50°8	51°4	55°0	57°0
2	54°6	53°6	52°1	52°0	51°2	50°2	49°6	49°6	48°5	49°2	54°0	56°8
3	55°8	54°8	53°0	52°0	51°3	50°8	50°5	50°3	51°3	53°2	57°3	62°3
4	55°7	54°2	54°8	55°5	—	55°0	54°6	53°5	53°2	56°0	58°6	63°6
5	54°7	55°0	54°5	54°3	—	54°2	54°2	54°0	54°5	55°5	55°2	56°5
6	56°7	56°8	56°7	56°2	55°0	55°0	56°0	57°2	58°5	59°0	62°8	67°8
7	55°7	55°5	55°2	—	—	—	—	—	—	—	—	—
8	—	—	—	50°4	49°0	48°0	47°0	46°6	47°0	48°7	53°5	56°2
9	55°8	55°5	54°8	54°4	53°2	53°3	53°5	53°3	53°9	56°6	56°7	56°7
10	55°8	55°0	54°1	53°3	53°0	52°3	51°5	52°0	53°0	54°6	58°5	61°6
11	55°6	54°7	53°2	51°6	50°6	49°6	49°0	48°4	48°2	49°0	55°8	57°2
12	57°4	57°2	56°4	56°4	56°2	55°8	55°3	54°5	55°0	56°6	60°5	64°7
13	52°8	52°2	52°0	52°2	52°5	52°4	52°2	52°2	—	52°4	52°2	52°8
14	54°3	53°8	53°0	—	—	—	—	—	—	—	—	—
15	—	—	—	51°0	50°2	49°8	48°8	48°5	48°6	49°6	52°0	54°2
16	48°0	47°8	47°8	48°0	48°2	49°0	49°1	48°5	48°8	49°4	51°3	53°8
17	54°1	53°4	52°3	51°2	49°6	49°4	49°0	48°4	48°8	51°5	54°0	56°7
18	57°8	56°4	55°0	54°4	53°5	53°2	53°0	54°0	55°6	58°3	61°8	64°2
19	61°8	61°0	60°8	60°0	58°5	58°3	57°3	57°5	57°7	58°5	57°8	57°5
20	46°8	47°3	47°7	47°7	47°0	47°0	47°5	47°8	47°6	48°3	50°8	50°6
21	46°2	46°0	45°2	—	—	—	—	—	—	—	—	—
22	—	—	—	50°0	50°0	50°0	49°7	49°4	50°2	51°6	54°0	55°8
23	53°6	53°2	52°7	52°0	—	50°2	49°0	48°8	48°2	48°8	53°7	57°7
24	60°8	60°6	60°6	59°8	59°8	60°0	60°0	59°0	—	60°2	64°8	66°2
25	68°2	67°0	66°0	65°0	64°8	64°3	63°8	63°3	63°6	65°0	67°0	67°2
26	59°4	56°7	55°4	53°4	—	53°0	52°4	52°0	53°2	55°2	56°6	59°3
27	56°0	55°0	54°4	54°0	53°6	54°5	55°0	55°0	55°6	56°1	57°6	60°0
28	58°0	58°2	58°8	—	—	—	—	—	—	—	—	—
29	—	—	—	—	59°4	59°0	58°8	59°4	60°0	61°6	62°2	64°0
30	59°6	58°6	58°4	58°2	60°1	61°0	61°0	60°0	60°5	61°5	60°2	60°8
Hourly Means	55°62	55°00	54°43	53°77	53°54	53°31	53°02	52°83	53°01	54°53	57°07	59°28
DECEMBER.												
1	61°0	59°0	58°0	58°0	56°3	54°9	53°8	53°0	55°0	57°0	60°0	63°0
2	57°7	57°2	56°7	56°2	56°0	55°5	55°2	54°8	56°0	57°2	62°0	64°5
3	56°3	56°1	56°0	55°6	55°3	54°6	54°4	54°0	—	55°2	54°2	52°5
4	48°8	48°0	47°5	47°1	47°2	47°0	46°6	47°2	47°6	48°8	52°0	56°2
5	55°4	54°5	54°5	—	—	—	—	—	—	—	—	—
6	—	—	—	55°0	53°5	52°2	51°8	51°7	52°2	55°3	59°1	62°2
7	58°0	57°8	56°6	53°8	52°4	51°8	51°6	51°4	51°8	52°2	54°5	56°8
8	58°6	57°4	56°4	55°2	53°0	51°6	50°8	50°3	52°8	56°0	60°0	64°5
9	71°8	69°6	68°2	66°9	65°8	64°8	63°8	62°5	63°0	65°8	69°2	72°2
10	77°0	75°0	73°0	72°6	—	69°4	68°9	68°3	68°8	72°2	75°2	78°8
11	67°0	65°7	65°2	64°1	63°6	62°8	61°6	61°2	—	65°0	66°5	69°2
12	69°0	68°9	68°7	—	—	—	—	—	—	—	—	—
13	—	—	—	57°6	57°3	57°2	56°8	56°9	56°5	56°6	57°8	57°5
14	56°3	56°5	56°3	55°1	55°1	55°2	55°5	55°5	55°8	57°0	59°0	61°5
15	60°0	60°0	58°0	57°8	60°0	60°0	58°0	58°5	58°3	59°6	62°6	64°3
16	52°2	51°7	50°5	50°3	51°3	51°8	52°2	51°8	52°5	55°5	57°2	59°2
17	59°2	58°4	57°1	54°8	53°5	53°2	51°5	51°6	52°2	55°0	58°5	63°0
18	59°2	57°5	55°5	55°2	54°0	54°2	54°0	52°2	53°2	55°4	58°6	56°7
19	51°2	51°2	50°8	—	—	—	—	—	—	—	—	—
20	—	—	—	56°8	57°0	56°0	55°5	55°2	55°0	57°3	61°8	63°5
21	60°1	59°6	59°6	59°2	57°0	55°4	54°5	54°3	55°6	59°6	63°3	65°7
22	64°8	60°2	58°4	57°6	57°0	55°5	54°5	53°2	—	57°5	58°8	61°5
23	57°4	55°6	54°7	53°3	52°2	52°2	51°1	51°0	53°0	53°5	57°5	61°7
24	57°9	57°6	57°6	—	—	—	—	—	—	—	—	—
25	—	—	—	61°7	60°8	60°7	58°1	57°3	58°6	60°8	62°8	65°8
26	53°7	52°7	51°7	—	—	—	—	—	—	—	—	—
27	—	—	—	57°4	57°0	57°0	56°5	56°1	56°7	58°0	61°7	64°6
28	59°8	57°0	55°0	54°8	54°5	53°6	52°7	51°7	52°2	55°2	58°7	61°3
29	62°3	61°2	60°0	59°6	59°3	59°4	58°4	58°4	58°8	60°0	61°8	64°0
30	59°2	59°7	60°3	60°2	60°9	61°0	60°0	59°5	59°2	62°2	65°7	68°8
31	63°0	62°8	62°4	62°0	62°1	62°1	61°6	61°5	61°2	61°8	62°0	62°0
Hourly Means	59°88	58°88	58°03	57°61	56°49	56°50	55°75	55°35	55°91	58°08	60°80	63°11

STANDARD THERMOMETER.

12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
59.2	61.8	62.3	63.3	65.0	63.7	61.3	60.7	58.4	56.9	54.2	54.3	55.88
60.0	63.6	67.2	67.6	68.2	69.4	65.8	65.0	63.6	60.6	58.8	56.6	
65.0	71.0	68.4	70.0	67.2	65.2	64.0	64.2	61.0	60.8	58.2	57.0	58.94
67.8	64.3	61.7	61.0	61.6	61.3	61.6	62.0	59.3	56.3	55.2	54.6	58.32
57.4	61.0	61.4	63.8	64.8	62.2	60.6	61.6	60.0	57.4	56.2	56.4	57.63
70.5	80.3	81.8	85.6	85.3	89.5	84.5	71.8	64.8	61.9	58.0	56.8	66.20
59.7	62.1	63.6	64.0	69.6	66.4	62.8	62.2	60.4	57.2	56.0	55.0	56.33
59.0	60.0	62.0	63.6	65.0	65.3	67.5	66.0	65.2	62.0	57.7	56.0	
63.8	64.0	66.0	68.8	70.2	70.7	68.9	68.3	66.8	65.1	61.2	58.0	60.27
60.0	63.1	61.7	61.2	62.8	64.8	65.6	63.8	62.0	58.4	57.8	57.8	56.75
63.6	66.4	63.4	62.0	61.8	58.2	55.8	54.5	54.2	53.4	53.2	53.0	57.73
53.0	53.2	53.8	55.0	54.8	54.4	55.1	54.8	54.3	54.2	53.7	54.0	53.31
54.5	54.0	54.0	54.5	53.2	53.5	53.2	52.0	50.5	48.8	48.0	48.5	51.60
56.0	56.5	59.0	62.2	65.3	65.3	64.7	65.1	61.0	58.6	56.2	55.0	
59.7	61.2	62.5	63.6	64.2	65.7	66.3	66.8	64.8	61.2	59.0	58.4	54.78
67.2	71.0	75.0	72.2	73.0	68.0	63.5	63.2	64.2	65.0	63.8	62.5	57.16
57.2	55.8	55.7	54.8	53.8	53.4	52.7	50.3	49.2	47.7	45.4	46.5	61.91
50.8	50.9	48.8	54.2	55.2	57.6	55.4	55.2	51.4	50.4	47.4	46.6	55.38
57.5	59.8	62.5	64.2	64.2	63.2	63.3	67.2	65.2	60.1	56.6	54.9	55.70
61.9	62.6	65.4	67.1	67.4	67.8	66.6	70.2	66.4	64.6	63.0	61.8	
68.6	70.6	71.4	70.0	71.5	72.6	74.8	79.2	75.3	73.0	70.8	69.5	66.92
65.4	66.5	70.0	75.0	70.9	72.2	68.2	73.3	73.0	69.7	63.8	61.3	67.27
60.1	63.3	64.4	66.8	67.3	67.2	68.0	69.0	66.0	62.6	58.0	57.0	59.84
63.7	67.0	67.2	68.5	69.3	71.2	71.0	70.2	68.0	62.8	59.3	58.4	60.98
67.2	68.7	73.3	75.3	79.0	81.4	81.2	77.9	79.2	62.6	60.4	58.8	66.28
65.4	66.8	70.0	70.8	71.8	74.5	75.0	75.0	74.3	70.0	65.2	62.1	
61.32	63.29	64.33	65.58	66.25	66.33	65.29	64.98	63.02	60.05	57.58	56.57	58.83
65.6	65.3	68.0	68.1	64.8	61.2	60.8	61.8	58.9	58.2	57.7	57.6	59.88
66.7	67.2	66.3	68.2	69.2	69.2	70.8	67.4	65.3	63.0	60.6	57.0	61.66
54.4	59.5	61.2	60.0	61.2	58.0	60.8	60.5	62.3	57.0	53.1	50.0	56.62
55.3	58.8	61.5	63.2	65.0	64.0	62.2	59.8	58.6	60.0	58.0	56.8	54.47
65.2	66.8	70.7	75.0	73.8	66.6	62.6	58.5	61.8	62.2	60.5	59.0	60.00
58.0	62.5	66.1	67.2	70.0	72.2	75.2	76.8	75.0	72.0	65.6	61.0	
68.2	71.4	75.6	79.8	82.3	84.6	85.0	84.0	82.2	79.5	76.3	73.7	61.26
72.8	77.4	80.2	84.4	80.6	79.5	79.8	82.5	83.1	84.5	82.9	80.0	67.05
82.2	85.5	86.2	81.2	81.3	80.3	77.6	79.8	75.7	72.3	69.7	68.7	73.80
71.4	73.8	75.5	76.4	76.9	76.2	73.8	72.0	—	73.5	69.8	69.3	75.64
57.8	57.5	58.7	58.3	57.6	61.7	59.3	59.9	59.6	59.8	57.7	56.7	59.40
62.5	63.5	66.5	66.4	66.2	65.5	65.2	66.5	64.5	63.8	62.4	61.2	
67.5	70.8	71.2	73.4	74.5	68.4	61.0	60.0	59.0	62.3	56.8	53.8	62.12
62.5	62.5	66.5	68.5	68.2	70.3	74.2	75.0	68.2	63.2	61.5	59.0	59.83
66.8	68.1	69.2	70.6	72.2	73.5	71.2	72.5	69.4	65.0	62.5	60.7	62.07
57.4	59.0	61.4	62.5	64.8	60.5	61.8	63.0	62.0	58.0	54.6	53.2	57.66
67.5	69.0	68.8	71.4	68.0	65.6	65.2	65.4	64.5	61.6	59.8	59.0	60.71
67.5	71.2	74.6	80.2	81.2	84.1	82.2	81.5	83.8	81.6	78.8	73.0	
64.1	65.0	66.5	68.8	71.6	74.4	75.0	72.8	75.4	72.0	64.0	60.4	68.48
65.2	68.0	71.9	68.8	67.4	65.5	64.0	63.0	62.0	61.0	58.7	58.0	63.87
66.2	67.5	69.2	66.0	69.6	65.3	66.3	63.7	62.4	61.2	55.7	54.5	61.97
67.6	68.5	70.5	72.0	73.0	72.0	78.0	78.0	78.2	77.2	67.7	62.0	
65.5	70.0	73.0	71.5	74.3	74.3	74.4	72.1	70.6	68.6	63.3	62.4	64.49
65.2	66.6	68.0	67.7	68.0	67.0	67.0	65.5	62.1	60.1	60.0	58.8	62.77
73.0	73.5	73.8	74.8	73.0	72.6	70.3	68.8	69.5	67.0	65.2	63.5	62.47
61.8	62.0	62.8	63.3	65.6	67.3	66.3	66.8	66.4	66.6	66.0	65.0	65.93
65.30	67.34	69.38	70.30	70.78	69.80	69.61	69.14	68.02	66.58	63.42	61.32	62.88

WET THERMOMETER.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
JANUARY.	°	°	°	°	°	°	°	°	°	°	°	°	
	1	53·4	53·3	53·8	56·2	55·2	54·2	51·8	49·0	49·7	51·9	53·0	53·7
	2	49·0	46·8	47·0	45·5	—	45·0	45·0	44·8	45·0	46·3	49·5	49·0
	3	47·0	46·1	46·1	—	—	—	—	—	—	—	—	—
	4	—	—	—	53·0	51·7	51·5	51·5	52·0	52·4	52·6	54·5	56·4
	5	57·2	57·0	56·0	55·2	55·4	55·4	55·2	55·0	55·3	54·0	54·5	54·8
	6	52·2	52·2	52·8	52·8	51·3	50·7	50·3	50·2	51·2	52·5	53·5	56·2
	7	59·7	58·8	57·5	56·8	55·5	54·7	54·4	54·2	55·0	54·4	54·5	57·5
	8	60·0	60·4	60·0	59·8	59·6	59·3	59·0	58·8	56·2	54·0	53·0	52·2
	9	50·0	49·4	48·7	48·1	48·0	47·8	47·5	—	47·5	49·0	51·0	52·2
	10	57·3	57·0	55·7	—	—	—	—	—	—	—	—	—
	11	—	—	—	60·0	58·8	58·0	58·0	57·6	58·0	59·8	61·3	62·2
	12	57·8	57·3	57·7	57·7	58·0	58·0	58·0	57·8	57·8	57·8	59·8	59·8
	13	52·1	52·0	51·0	50·2	49·3	49·2	49·0	49·5	49·4	52·1	54·0	55·3
	14	54·6	54·6	54·0	54·0	53·9	54·3	54·0	54·2	53·3	55·2	55·5	56·8
	15	57·8	57·2	56·3	54·0	53·7	53·2	52·3	51·3	52·0	52·1	52·1	53·8
	16	51·7	51·8	51·8	52·0	52·0	51·6	51·2	51·2	51·0	51·2	52·0	52·3
	17	54·0	52·8	52·8	—	—	—	—	—	—	—	—	—
	18	—	—	—	54·8	54·5	54·2	53·7	53·5	48·2	48·9	50·2	51·0
	19	45·9	—	—	44·0	44·0	45·0	43·5	43·7	43·6	43·7	44·0	45·4
	20	46·0	46·2	48·8	50·8	52·1	50·6	48·2	48·2	—	—	—	—
	21	50·0	50·0	50·4	51·2	51·8	52·7	52·8	53·0	53·2	54·0	54·7	55·0
	22	53·2	53·2	53·2	53·0	53·1	52·5	52·5	52·7	53·0	53·3	53·8	55·3
	23	60·2	58·9	58·0	57·3	55·5	55·7	56·0	56·5	56·7	57·2	58·5	61·2
	24	55·1	53·7	53·0	—	—	—	—	—	—	—	—	—
	25	—	—	—	57·0	56·6	56·6	57·1	57·1	54·3	54·7	56·0	58·7
	26	49·2	49·0	49·0	48·5	49·0	48·7	48·7	48·3	48·0	50·0	51·8	51·0
	27	53·2	53·4	53·0	53·4	54·0	53·8	54·0	54·0	54·7	55·8	54·8	55·7
	28	58·0	57·6	57·8	58·0	57·4	57·0	56·8	56·8	57·0	57·3	58·6	59·0
	29	58·0	58·0	57·5	57·0	57·2	57·2	56·7	56·6	57·0	58·4	60·0	60·0
30	56·9	54·4	54·2	53·2	52·0	50·8	50·2	49·0	48·7	49·5	51·0	53·0	
Hourly Means	53·83	53·64	53·44	53·60	53·58	52·99	52·59	52·60	52·33	53·03	54·06	55·10	
FEBRUARY.	Jan. 31	51·5	51·0	51·0	—	—	—	—	—	—	—	—	
	1	—	—	—	56·7	56·2	56·0	56·0	56·0	55·6	56·8	56·8	58·8
	2	67·0	67·2	66·8	66·5	—	65·2	64·0	64·6	66·0	66·0	66·4	66·8
	3	53·2	52·8	52·2	51·8	51·2	51·8	52·0	52·1	52·4	52·6	53·0	53·0
	4	48·5	48·5	49·0	49·0	49·2	49·8	50·5	50·8	51·4	51·8	52·6	54·0
	5	56·2	56·0	55·0	55·0	55·0	55·7	56·7	57·5	57·6	58·0	58·5	61·0
	6	60·2	60·0	59·8	59·8	—	59·5	59·0	59·0	59·0	59·0	59·0	58·8
	7	49·0	49·0	48·9	—	—	—	—	—	—	—	—	—
	8	—	—	—	49·8	48·8	48·8	49·0	49·8	49·7	49·8	51·2	53·3
	9	54·0	52·8	52·0	52·8	52·0	52·2	52·0	51·6	52·0	51·6	52·3	53·0
	10	45·2	44·6	44·6	43·1	—	—	—	—	—	42·6	43·0	44·0
	11	46·0	45·8	46·2	47·2	—	48·6	48·8	49·0	49·3	50·0	49·8	50·7
	12	53·8	53·0	51·6	50·0	47·5	47·0	46·0	45·7	46·0	45·0	46·2	48·6
	13	45·6	44·8	44·2	44·2	44·0	43·8	43·2	42·6	43·0	43·8	46·7	47·8
	14	47·2	46·7	46·9	—	—	—	—	—	—	—	—	—
	15	—	—	—	49·0	48·8	49·0	49·2	49·0	48·5	48·6	51·2	52·8
	16	52·0	51·8	50·0	50·0	50·8	50·8	51·0	51·2	—	51·8	53·2	55·0
	17	49·5	49·0	47·7	47·2	47·4	46·8	46·6	45·8	44·3	45·5	47·0	47·7
	18	48·4	48·2	47·4	46·8	45·6	45·2	44·2	44·1	45·0	45·4	46·2	49·4
	19	56·0	55·0	55·0	54·8	54·3	53·8	53·3	53·0	53·8	54·3	54·0	55·2
	20	54·2	51·6	50·0	49·0	—	—	49·0	48·6	48·0	47·5	48·5	51·3
	21	56·0	55·0	54·2	—	—	—	—	—	—	—	—	—
	22	—	—	—	50·8	50·1	50·0	49·5	49·0	48·8	48·8	51·8	53·0
	23	47·3	47·0	46·7	46·7	46·8	46·6	46·5	46·8	46·7	47·2	48·2	51·0
	24	51·9	51·0	50·0	50·3	—	49·8	49·5	49·6	49·2	49·6	50·2	51·8
	25	53·8	53·7	53·2	53·3	53·0	53·1	53·9	53·9	54·0	54·0	54·6	55·6
	26	44·2	44·5	44·1	44·1	43·6	43·5	43·2	43·0	43·3	44·0	46·2	48·3
	27	47·4	47·0	47·6	46·6	46·2	45·8	46·2	46·5	45·8	46·5	46·9	48·0
Hourly Means	51·59	51·08	50·59	50·60	49·47	50·58	50·41	50·40	50·43	50·42	51·40	52·87	

WET THERMOMETER.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
55.0	54.8	55.5	55.5	55.0	56.0	56.2	55.0	54.6	52.0	50.4	49.3	53.52
48.8	48.8	49.0	50.0	50.6	51.9	51.0	50.2	50.6	50.6	48.5	46.6	48.24
58.8	59.8	61.8	62.7	64.2	65.0	64.6	61.2	61.0	60.0	58.5	58.4	56.28
54.0	54.2	56.0	55.6	55.7	56.8	56.0	55.6	54.7	53.6	53.0	52.2	55.10
58.8	61.0	60.8	64.3	64.2	63.5	63.8	62.8	61.2	61.7	61.3	60.8	57.09
60.0	61.8	64.5	68.0	69.2	64.0	62.0	61.0	61.5	61.0	59.0	60.0	59.38
51.2	54.0	53.8	54.0	56.0	54.8	54.6	54.4	54.2	52.2	50.8	50.5	55.53
54.2	55.2	57.1	57.7	59.0	58.5	60.0	61.0	59.3	60.3	58.2	58.0	53.81
63.5	64.5	65.0	66.2	64.2	62.8	61.7	59.3	58.6	58.0	57.9	57.3	60.11
60.0	59.0	57.7	58.5	57.8	57.0	56.0	57.0	56.5	55.0	54.8	52.5	57.47
56.6	58.0	57.8	59.5	58.8	59.5	59.2	58.3	57.0	56.8	56.0	55.4	54.42
57.0	58.2	61.2	62.2	62.4	61.3	61.6	60.6	60.1	58.8	58.0	57.7	57.23
54.2	56.0	55.7	56.1	57.0	58.8	57.5	55.0	54.8	54.2	52.8	52.0	54.58
52.5	55.5	56.7	54.8	55.4	58.0	57.2	56.5	56.3	55.2	55.0	54.8	53.65
52.2	53.3	52.8	52.9	53.8	53.5	52.5	52.2	52.7	50.2	48.7	47.5	52.12
45.8	47.4	47.7	48.4	49.9	49.0	50.2	51.3	48.4	48.0	47.0	47.1	46.50
50.5	51.8	54.2	53.0	54.6	56.0	54.4	55.4	56.3	53.5	52.0	50.2	51.64
54.6	55.0	56.6	56.5	57.3	56.5	57.7	58.3	59.0	58.5	57.0	55.0	54.62
56.3	56.8	61.3	61.7	62.5	65.4	68.0	69.2	67.2	65.2	63.0	61.0	58.18
61.2	61.2	62.2	62.5	62.2	63.5	64.6	66.0	63.8	62.0	59.3	56.5	59.86
58.7	61.5	62.7	63.8	64.3	63.7	—	62.0	58.3	55.0	52.8	51.0	57.55
52.8	54.0	57.0	56.8	56.3	56.0	56.3	56.7	56.0	55.6	54.3	53.6	52.36
55.5	56.0	56.5	57.3	58.0	59.0	59.6	60.0	60.0	59.0	58.0	58.0	56.11
60.5	60.0	60.8	62.2	64.0	65.6	65.5	67.0	64.5	61.5	60.5	58.2	60.07
60.8	60.2	60.5	60.2	61.2	61.0	61.8	62.0	66.4	59.6	58.7	57.1	59.30
53.5	54.0	56.2	57.0	57.3	58.2	57.6	56.6	55.3	54.0	52.6	51.6	53.62
55.62	56.62	57.73	58.36	58.88	59.05	58.78	58.64	58.01	56.60	55.31	54.32	55.32
59.2	62.5	64.5	67.0	72.0	70.7	69.5	68.8	67.5	67.5	67.0	67.2	61.07
66.8	67.0	67.2	66.8	64.2	64.4	64.4	65.0	65.2	56.0	54.2	53.7	64.41
52.8	55.4	53.6	53.2	53.3	52.2	53.8	53.2	51.2	50.0	48.8	48.8	52.27
56.2	57.2	58.0	59.0	59.5	61.2	61.0	59.0	58.6	57.6	56.4	56.0	54.37
62.7	62.0	62.8	62.8	62.6	63.0	63.0	62.8	63.0	61.4	60.4	61.0	59.57
59.0	57.0	56.2	56.0	57.0	54.5	57.5	57.9	55.6	53.2	52.0	50.0	57.35
54.2	56.2	57.2	58.8	58.5	60.0	61.4	61.6	60.0	58.4	56.2	54.8	53.93
55.8	58.0	60.5	61.5	63.0	62.5	62.5	61.6	60.0	60.0	48.5	44.5	55.28
44.2	45.3	45.7	46.8	47.1	46.7	47.3	46.2	46.6	46.0	45.7	45.6	45.28
51.5	51.5	53.0	55.2	55.4	56.0	55.4	55.0	55.0	54.0	53.8	53.8	51.35
49.2	50.2	49.5	51.2	51.4	50.2	53.5	56.5	52.3	50.0	49.0	47.6	49.62
48.5	48.7	50.0	51.6	52.3	52.8	52.0	53.4	52.7	51.0	49.4	48.0	47.67
54.3	54.8	56.8	57.7	58.3	58.5	58.5	57.6	56.4	55.0	54.0	52.5	52.55
57.0	58.0	59.0	58.0	58.6	58.0	59.4	56.3	53.0	52.0	50.6	50.5	53.83
46.8	49.4	52.3	53.5	54.2	53.8	55.0	53.4	53.0	51.8	51.0	49.2	49.50
51.2	53.5	55.0	57.0	—	59.5	58.5	59.0	57.5	56.2	56.1	57.0	51.15
56.3	56.8	58.5	59.7	61.6	61.0	63.8	64.0	63.0	61.0	55.7	54.7	57.02
52.2	54.1	56.1	59.0	57.8	57.0	58.0	56.9	56.7	51.0	56.0	56.0	53.11
54.8	55.8	55.2	56.2	55.6	56.9	55.8	54.0	53.4	50.8	49.3	47.5	52.60
51.8	52.3	53.1	53.2	55.0	54.0	56.4	56.0	55.6	54.3	54.2	52.2	50.65
53.0	54.0	56.0	56.8	57.2	58.5	58.5	57.0	57.3	57.0	54.8	55.0	53.40
57.2	52.3	54.2	52.0	51.5	48.7	51.8	50.2	47.6	46.3	45.0	44.6	51.98
49.0	50.0	50.6	52.2	53.0	53.0	53.0	53.8	52.2	50.0	48.2	48.0	47.71
50.0	52.6	55.2	56.0	58.2	58.3	58.0	57.4	56.2	56.0	55.5	55.2	51.21
53.90	54.77	55.84	56.72	57.27	57.14	57.83	57.36	56.23	54.44	52.99	52.22	53.21

WET THERMOMETER.												
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20
Feb. 28	55°0	55°0	54°6	°	°	°	°	°	°	°	°	°
1	—	—	—	51°0	50°8	50°5	50°2	50°0	50°5	50°2	50°0	50°7
2	52°0	51°3	50°8	50°4	50°1	49°7	49°5	48°3	—	47°4	50°0	52°2
3	55°2	54°3	54°2	54°2	54°6	54°3	54°0	54°2	54°6	55°0	57°0	59°2
4	56°0	55°1	55°2	55°3	55°8	56°2	56°0	55°8	55°7	56°2	57°2	59°5
5	61°4	58°2	58°0	58°0	55°8	54°6	53°7	53°3	52°2	51°9	52°3	52°3
6	46°8	45°8	45°0	44°7	44°6	43°8	43°7	44°1	43°8	44°0	47°0	48°8
7	52°7	52°8	53°1	—	—	—	—	—	—	—	—	—
8	—	—	—	54°3	54°0	54°3	53°8	53°8	53°6	53°4	55°0	56°0
9	56°2	55°8	55°3	55°2	54°5	54°6	54°7	51°0	50°6	50°0	52°0	53°0
10	50°3	48°0	48°1	48°1	—	47°4	46°8	46°0	44°5	44°8	46°0	46°8
11	49°2	49°4	49°6	49°0	47°7	46°0	45°2	44°3	43°9	43°3	45°4	47°6
12	48°3	46°8	46°5	46°2	46°3	46°0	45°5	44°7	44°5	44°4	46°0	49°0
13	59°0	58°3	57°2	56°0	55°2	54°4	53°0	52°6	52°6	52°5	53°2	56°4
14	53°8	51°9	50°6	—	—	—	—	—	—	—	—	—
15	—	—	—	48°9	48°5	48°2	48°0	47°3	—	47°6	48°8	50°4
16	53°1	52°2	51°8	52°4	52°2	52°0	52°2	53°0	52°5	52°2	53°8	55°8
17	58°8	58°0	58°0	58°0	58°0	57°8	57°5	58°0	58°1	57°7	58°5	59°3
18	63°0	63°0	62°3	62°5	62°7	62°7	63°1	63°2	62°8	60°0	56°2	56°2
19	54°9	55°5	56°0	56°6	56°8	56°8	57°5	57°5	58°6	59°5	61°7	62°0
20	63°2	63°0	62°8	62°6	63°0	60°5	57°2	54°7	54°7	53°8	54°4	54°8
21	52°0	51°5	51°0	—	—	—	—	—	—	—	—	—
22	—	—	—	51°0	49°2	49°4	49°4	49°2	49°2	49°0	49°4	49°2
23	45°8	46°2	45°8	45°6	45°0	45°0	46°0	46°2	47°0	47°2	47°7	50°8
24	44°0	43°8	43°5	43°8	43°5	44°0	43°9	43°9	44°0	44°2	44°4	45°2
25	47°3	46°8	46°7	46°6	46°3	46°6	47°0	46°8	46°8	47°8	47°8	48°0
26	51°8	51°8	51°2	51°2	51°0	50°2	50°4	51°0	51°2	51°2	52°0	54°1
27	51°8	50°0	48°2	47°0	45°8	45°2	45°3	45°0	—	45°0	45°6	46°2
28	42°0	42°0	41°3	—	—	—	—	—	—	—	—	—
29	—	—	—	43°0	43°0	43°3	44°0	44°8	45°7	46°0	46°5	47°4
30	49°0	48°0	46°0	46°2	44°5	44°0	44°0	43°2	43°7	44°0	44°2	45°7
31	40°3	40°3	40°3	39°6	40°0	40°0	40°4	40°2	40°0	40°9	41°2	41°8
Hourly Means	52°33	51°66	51°23	51°01	50°73	50°28	50°08	49°71	50°03	49°60	50°50	51°80
APRIL.	1	49°0	47°0	47°0	47°2	47°2	47°3	47°3	47°7	47°7	47°3	47°7
	2	49°2	49°2	49°8	49°2	49°3	48°9	48°7	48°6	48°2	48°0	47°6
	3	49°1	48°9	48°2	48°3	48°4	48°4	48°4	48°0	47°0	48°3	48°7
	4	54°0	53°8	54°2	—	—	—	—	—	—	—	—
	5	—	—	—	47°2	47°0	48°0	48°2	47°5	47°8	48°0	48°0
	6	50°4	50°8	51°1	51°7	52°2	52°4	52°6	52°4	51°5	52°0	52°5
	7	51°3	51°0	51°0	50°6	50°0	49°5	48°8	48°2	48°6	48°6	48°9
	8	53°0	52°7	49°2	49°0	49°0	49°0	49°0	49°2	—	49°2	49°2
	9	50°9	50°6	49°6	—	—	—	—	—	—	—	—
	10	—	—	—	51°2	51°2	51°2	51°8	52°2	52°7	53°2	51°7
	11	40°8	40°3	40°6	—	—	—	—	—	—	—	—
	12	—	—	—	52°6	52°5	52°6	52°6	52°2	52°0	51°8	52°2
	13	56°0	55°6	56°2	56°0	54°8	54°2	53°0	52°2	51°8	51°3	51°2
	14	53°5	53°2	52°5	52°4	55°3	56°3	56°8	57°0	58°2	59°4	59°6
	15	46°2	45°2	45°2	44°3	44°3	44°1	43°7	43°5	—	44°0	44°9
	16	46°0	45°6	45°0	45°0	44°5	44°2	45°1	44°4	46°4	46°8	47°4
	17	52°0	51°8	51°7	51°5	51°9	52°2	52°4	52°1	—	52°0	52°2
	18	54°1	54°3	54°1	—	—	—	—	—	—	—	—
	19	—	—	—	44°5	44°2	44°1	43°2	44°0	43°3	41°6	40°6
	20	41°2	41°0	40°5	41°0	41°1	41°3	41°7	41°7	42°2	42°7	43°0
	21	45°9	45°1	43°7	43°3	43°4	42°0	41°4	41°2	41°8	41°4	41°9
	22	45°8	44°0	43°8	45°0	45°2	45°7	46°0	45°7	46°0	45°6	45°2
	23	49°2	47°8	48°2	48°4	47°3	46°6	46°2	45°3	45°0	45°2	45°3
	24	49°0	50°0	50°0	48°9	48°2	47°0	46°2	45°6	44°7	44°2	44°4
	25	53°8	53°7	53°5	—	—	—	—	—	—	—	—
	26	—	—	—	51°5	50°8	49°8	49°2	48°8	48°4	48°0	47°6
	27	54°1	53°6	53°6	53°0	53°4	52°0	52°0	52°0	51°8	51°4	51°2
	28	50°4	50°6	50°0	49°2	48°2	47°3	46°2	45°6	—	43°6	42°0
	29	42°2	42°2	42°4	42°2	43°1	43°5	43°5	44°6	—	46°0	46°6
	30	44°0	44°1	44°3	44°5	44°8	45°0	45°2	45°4	45°8	46°1	46°4
	Hourly Means	49°24	48°88	48°62	48°31	48°29	48°10	47°97	47°80	48°04	47°78	47°82

* Good Friday.

WET THERMOMETER.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
—	—	—	—	—	—	—	—	—	—	—	—	—
52.0	54.5	54.6	57.0	58.0	58.6	59.0	60.0	57.8	55.4	54.0	52.8	53.84
52.0	53.8	55.0	56.8	56.4	58.0	58.4	58.9	57.5	56.8	56.5	56.1	51.16
62.7	63.8	66.3	66.5	67.2	65.7	62.3	59.5	58.2	57.2	57.2	56.8	58.51
62.6	64.5	68.0	68.6	67.8	67.6	67.6	68.0	67.8	65.8	64.2	63.6	61.25
52.8	53.0	53.4	53.0	51.2	51.7	51.5	51.7	48.7	48.7	48.5	47.5	53.06
48.8	50.0	52.0	52.0	52.6	53.1	55.2	54.9	53.6	53.4	52.8	52.8	48.89
—	—	—	—	—	—	—	—	—	—	—	—	—
57.8	59.0	60.0	60.8	61.2	59.8	59.5	58.5	57.2	56.5	56.7	56.8	56.27
53.5	53.5	53.0	52.8	53.2	54.0	52.6	52.2	52.0	51.0	51.0	49.5	52.97
49.3	50.8	51.3	52.0	52.0	52.2	52.3	51.4	52.2	51.4	51.8	51.0	49.33
49.6	51.0	51.0	52.0	52.8	52.5	53.2	53.6	52.0	51.5	50.9	49.0	49.15
53.2	55.8	57.3	59.2	61.4	63.0	63.8	62.2	61.6	60.6	60.0	60.2	53.02
60.2	62.8	62.2	63.1	62.7	63.0	61.7	57.2	54.2	53.6	53.8	54.0	57.04
—	—	—	—	—	—	—	—	—	—	—	—	—
53.8	55.8	55.8	56.5	56.0	56.7	58.5	59.0	57.8	56.2	54.7	53.6	52.97
58.3	61.0	61.4	63.0	61.4	65.0	64.4	63.8	61.0	60.0	59.8	59.2	57.15
60.0	61.6	64.2	64.2	65.8	67.8	66.2	65.0	65.2	64.2	63.5	63.2	61.20
54.2	54.8	55.7	56.2	56.8	56.9	56.9	57.2	56.2	55.7	55.3	54.8	58.68
63.6	63.0	64.0	64.3	64.2	64.0	64.4	64.0	63.6	63.2	63.2	63.2	60.75
57.2	57.8	60.2	59.0	57.5	57.0	57.5	56.6	56.0	54.5	54.0	53.0	57.30
—	—	—	—	—	—	—	—	—	—	—	—	—
51.0	51.8	52.0	52.8	52.2	51.6	52.0	51.8	51.0	50.0	48.0	45.6	50.39
52.2	52.0	51.6	50.4	49.0	47.2	47.2	46.0	45.2	45.0	43.5	44.0	47.15
46.2	46.0	49.0	49.5	50.0	50.0	50.5	49.5	48.3	47.1	47.1	47.4	46.20
49.7	49.6	50.3	51.0	51.8	52.0	52.2	52.8	52.4	52.6	52.2	52.4	49.31
57.2	56.4	57.8	58.8	57.8	57.0	56.3	54.5	52.8	52.4	51.3	51.7	53.38
47.8	49.2	48.2	49.0	50.2	49.6	47.4	46.8	45.3	44.9	43.2	42.6	46.93
—	—	—	—	—	—	—	—	—	—	—	—	—
48.2	49.3	51.2	52.6	53.0	54.0	54.0	53.5	52.0	50.2	50.0	50.5	47.81
47.0	47.0	45.2	45.7	46.0	44.5	45.2	41.7	42.0	42.0	40.9	40.1	44.58
44.5	44.5	45.2	46.1	46.6	46.8	45.8	46.2	46.0	46.5	46.6	46.5	43.60
53.53	54.53	55.40	56.03	56.10	56.27	56.13	55.43	54.35	53.57	52.95	52.51	52.74
—	—	—	—	—	—	—	—	—	—	—	—	—
48.8	50.6	50.6	50.0	50.0	—	49.8	49.5	48.8	49.0	49.0	49.0	48.51
48.8	49.8	51.0	51.5	52.0	53.8	52.8	53.0	51.4	50.0	48.9	49.5	49.88
49.9	51.3	52.0	54.1	54.2	54.8	55.5	55.2	54.7	54.2	54.2	54.4	50.97
—	—	—	—	—	—	—	—	—	—	—	—	—
50.0	51.5	52.2	53.0	54.0	53.2	52.3	51.8	51.5	50.7	50.7	50.3	50.60
55.1	55.3	55.2	55.3	55.7	56.4	55.0	54.0	53.0	52.2	52.0	51.8	53.08
52.8	53.8	55.4	56.6	55.7	55.0	55.3	56.0	55.0	54.0	51.9	52.8	52.13
51.8	52.2	52.0	53.3	54.8	54.2	54.0	53.1	52.7	51.4	51.6	51.2	51.37
—	—	—	—	—	—	—	—	—	—	—	—	—
50.8	50.0	49.0	49.0	49.0	48.3	47.2	47.2	45.8	43.8	42.8	42.3	49.28
—	—	—	—	—	—	—	—	—	—	—	—	—
53.8	54.8	55.5	56.8	58.0	58.4	59.0	58.0	58.6	58.0	57.2	56.2	53.22
53.6	55.4	57.0	57.8	58.0	58.0	58.0	57.0	54.8	54.8	54.2	53.8	54.85
58.5	60.0	59.0	56.5	54.3	52.8	51.7	50.2	48.6	48.0	47.3	47.3	54.50
46.8	46.9	47.8	47.0	49.4	49.0	49.0	49.0	47.8	47.8	47.0	46.4	46.30
49.8	51.8	54.4	55.6	56.9	56.6	56.8	56.2	55.0	53.3	52.5	52.5	50.00
55.2	57.0	58.5	59.0	59.2	59.3	58.8	58.5	58.0	57.0	56.4	53.8	54.94
—	—	—	—	—	—	—	—	—	—	—	—	—
41.8	42.0	42.0	43.5	43.9	43.6	44.0	43.0	41.5	41.4	40.5	41.2	44.06
46.0	47.2	50.0	51.0	52.0	52.0	51.9	51.3	49.7	47.8	47.0	46.9	45.66
46.1	47.5	48.6	50.0	50.5	50.2	50.0	50.0	48.8	47.8	46.8	46.7	45.76
49.6	51.2	52.5	54.0	54.7	55.7	—	52.9	51.7	51.4	50.7	50.0	48.68
47.8	48.2	51.3	53.0	53.5	54.0	53.3	52.0	51.8	51.0	50.0	48.8	48.99
45.4	47.0	49.4	51.8	52.3	53.2	53.6	54.9	54.3	53.9	53.8	53.8	49.42
—	—	—	—	—	—	—	—	—	—	—	—	—
50.3	53.1	55.2	55.3	55.5	57.4	56.6	55.7	54.8	53.7	53.7	53.8	52.45
52.0	55.8	53.5	52.4	52.4	52.0	51.8	50.0	49.8	50.2	50.2	50.2	52.08
42.8	45.0	45.6	46.2	45.8	46.8	48.0	47.0	46.6	45.1	43.0	42.7	46.07
49.0	50.2	51.5	52.0	50.0	48.3	46.5	46.0	45.5	44.6	44.3	44.2	45.92
48.9	50.9	52.1	53.0	54.2	54.8	55.3	53.0	52.4	51.6	51.2	50.8	48.78
49.82	51.14	52.05	52.71	53.04	53.24	52.76	52.18	51.30	50.51	49.88	49.62	49.90

WET THERMOMETER.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
MAY.	1	50°8	50°8	50°8	50°0	49°7	49°0	48°0	47°9	47°5	46°7	46°0	46°7
	2	50°7	50°7	50°5	—	—	—	—	—	—	—	—	—
	3	—	—	—	48°0	47°4	46°8	46°4	45°6	45°0	45°0	45°1	46°4
	4	43°0	42°0	41°2	41°0	—	—	—	—	—	41°7	41°2	40°8
	5	41°0	41°5	41°2	39°6	39°5	38°8	38°2	38°3	37°6	37°0	37°4	38°0
	6	42°1	42°0	43°1	43°0	43°5	44°0	44°3	45°0	45°2	45°2	46°0	47°0
	7	45°4	45°2	45°0	45°2	44°9	45°0	45°2	45°5	46°1	46°9	47°1	48°5
	8	43°0	43°4	42°5	42°0	42°7	43°1	42°1	42°0	41°8	41°8	41°8	43°0
	9	51°9	52°3	54°0	—	—	—	—	—	—	—	—	—
	10	—	—	—	50°5	50°0	50°2	50°1	50°2	50°2	49°9	49°6	50°2
	11	48°3	47°0	48°0	48°0	48°3	48°1	47°6	47°0	47°2	47°3	47°2	48°3
	12	46°0	45°4	44°5	43°9	—	43°0	41°8	41°2	40°5	40°2	40°0	42°1
	13	52°4	51°8	50°0	49°4	48°1	46°6	45°5	44°5	44°3	43°2	42°3	43°7
	14	40°7	40°5	40°3	40°7	40°4	40°2	40°4	40°6	—	41°2	42°0	43°1
	15	43°4	43°2	43°0	44°2	45°6	45°6	45°0	44°4	44°0	43°9	43°7	44°2
	16	45°2	44°8	44°2	—	—	—	—	—	—	—	—	—
	17	—	—	—	41°0	41°0	40°8	40°2	39°3	39°2	39°0	39°2	40°2
	18	41°0	40°5	39°7	38°6	38°5	38°4	38°2	39°0	38°8	38°8	38°8	39°8
	19	39°2	38°4	37°8	37°6	37°5	37°1	36°3	36°1	35°7	35°7	35°5	36°9
	20	41°0	41°0	40°8	40°3	40°3	40°7	40°8	41°0	—	41°8	41°8	43°0
	21	42°2	42°5	42°6	43°0	43°1	43°0	43°4	43°6	43°0	43°0	43°0	43°0
	22	43°6	43°6	43°6	43°6	45°0	42°0	42°0	41°5	41°1	41°5	42°5	43°5
	23	40°2	40°0	41°2	—	—	—	—	—	—	—	—	—
	24	—	—	—	42°2	42°2	42°2	41°0	39°8	39°3	38°3	38°5	39°5
	25	45°0	44°8	44°4	44°2	42°5	43°0	43°2	43°0	—	43°0	42°8	42°6
	26	42°2	41°7	41°7	41°0	41°3	42°2	42°1	42°2	42°4	42°5	43°4	44°2
	27	44°4	44°3	44°0	43°5	44°0	44°5	44°8	44°8	45°1	46°0	46°5	47°5
	28	48°2	48°2	47°6	46°4	46°0	45°4	45°3	45°6	45°7	45°7	45°2	46°0
	29	40°0	39°7	40°5	40°0	41°5	41°7	41°4	41°6	42°0	42°6	41°8	42°5
	30	44°0	44°6	44°1	—	—	—	—	—	—	—	—	—
	31	—	—	—	44°0	44°0	44°4	45°0	46°2	46°0	46°3	45°6	47°0
Hourly Means	44°42	44°22	44°09	43°50	43°62	43°43	43°13	43°04	43°08	42°85	42°84	43°76	
JUNE.	1	48°8	48°0	48°0	47°8	—	47°1	47°0	46°9	46°8	46°8	46°8	47°5
	2	44°8	44°8	46°1	45°0	44°6	44°0	43°6	43°4	42°0	41°9	41°0	43°2
	3	44°8	45°0	45°2	45°6	45°8	45°2	44°7	44°0	44°2	44°3	44°2	44°6
	4	50°3	50°1	51°0	50°0	—	46°0	46°4	45°6	44°3	43°1	42°2	43°0
	5	37°4	38°0	37°8	38°2	38°1	38°4	39°2	39°6	39°6	40°2	42°0	42°0
	6	42°9	43°2	43°2	—	—	—	—	—	—	—	—	—
	7	—	—	—	42°5	42°2	42°1	41°3	41°2	41°4	41°2	41°0	41°4
	8	39°1	39°7	40°0	38°1	—	38°2	38°4	38°6	38°8	39°0	39°4	39°8
	9	47°6	47°8	47°8	47°8	47°3	47°2	47°2	47°2	47°9	48°0	48°3	48°1
	10	45°8	44°8	44°3	44°8	43°2	42°0	41°4	41°8	42°5	43°2	42°2	43°0
	11	41°2	40°2	39°3	39°0	39°2	39°6	39°8	39°0	36°8	36°4	35°7	35°8
	12	35°8	36°2	36°0	35°4	35°2	34°6	34°2	33°5	—	33°1	33°0	33°5
	13	38°5	37°3	37°0	—	—	—	—	—	—	—	—	—
	14	—	—	—	44°6	44°2	44°0	43°2	42°8	42°5	42°0	41°3	41°7
	15	42°0	41°0	40°0	41°2	40°5	39°5	38°8	38°5	37°9	37°9	37°1	37°0
	16	40°2	40°7	40°3	40°3	40°2	40°2	40°3	40°3	—	39°6	39°0	39°0
	17	41°7	41°2	41°7	41°8	42°0	42°4	42°0	41°8	42°0	42°3	42°5	42°8
	18	47°8	47°5	47°6	48°1	48°5	48°5	49°0	49°0	—	—	—	49°6
	19	46°2	46°0	44°7	44°3	44°3	43°8	44°0	44°0	43°8	43°8	44°0	44°0
	20	42°4	42°2	40°0	—	—	—	—	—	—	—	—	—
	21	—	—	—	44°0	44°2	45°0	44°8	44°8	44°2	43°3	42°9	43°0
	22	46°0	44°7	45°0	45°2	44°5	43°3	43°2	43°2	43°0	43°0	42°6	42°6
	23	45°2	45°4	45°0	44°0	—	43°6	43°4	42°8	—	41°3	41°0	41°2
	24	42°6	42°8	42°4	42°0	41°5	42°0	41°8	41°2	42°0	42°0	42°1	43°0
	25	45°2	45°3	45°4	45°6	45°4	45°2	45°2	45°2	45°1	45°7	45°6	45°9
	26	39°0	38°8	36°9	37°3	36°8	36°4	36°0	37°0	37°0	37°0	36°0	36°7
	27	40°0	40°5	40°4	—	—	—	—	—	—	—	—	—
	28	—	—	—	43°6	43°3	43°3	43°6	43°4	43°6	43°8	43°8	43°8
	29	45°7	45°8	45°6	44°4	43°5	42°6	41°8	41°0	40°2	39°6	38°2	38°8
	30	38°4	38°2	38°8	39°6	—	40°3	40°8	40°9	41°2	41°2	41°4	42°2
Hourly Means	43°05	42°89	42°67	43°08	42°60	42°48	42°35	42°18	42°13	41°59	41°33	42°05	

WET THERMOMETER.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
48.2	49.8	51.4	51.8	52.8	53.0	52.4	52.4	52.2	51.2	51.2	50.8	50.05
—	—	—	—	—	—	—	—	—	—	—	—	47.55
47.2	47.5	48.2	48.8	50.0	51.2	49.4	48.4	47.2	46.2	45.2	44.2	41.68
41.4	43.2	42.4	41.2	41.2	42.0	42.0	42.4	41.8	41.5	41.0	41.0	39.96
39.0	40.3	41.0	41.5	41.0	41.2	41.6	41.2	41.2	40.5	41.2	41.3	46.53
48.0	49.0	51.2	51.8	50.8	50.8	49.2	49.0	47.6	47.2	46.4	45.4	47.15
49.8	50.0	51.2	52.8	53.3	53.0	50.2	47.3	45.0	43.5	42.5	43.0	45.15
44.4	45.6	46.4	46.7	46.7	47.3	47.5	49.0	49.0	50.2	50.4	51.3	50.81
—	—	—	—	—	—	—	—	—	—	—	—	48.85
50.2	50.3	51.2	51.0	51.3	52.0	52.5	51.8	51.2	50.0	49.7	49.1	46.53
49.8	51.0	51.8	53.0	51.0	51.0	51.3	50.6	49.4	48.2	47.0	46.0	45.60
44.0	44.3	48.0	49.7	50.5	51.3	52.3	53.0	53.0	51.6	51.8	52.0	43.10
44.6	45.2	45.0	46.0	47.2	47.5	45.0	44.8	43.0	42.2	41.1	41.0	45.23
44.3	44.0	45.2	45.3	45.7	46.2	46.6	46.2	45.0	44.6	44.2	43.8	43.28
45.4	47.0	47.6	47.8	48.8	47.4	46.7	45.8	45.3	44.7	43.9	44.9	40.9
—	—	—	—	—	—	—	—	—	—	—	—	40.83
41.8	43.0	42.4	43.5	45.6	45.4	45.2	45.0	43.7	42.7	41.5	40.9	39.62
41.1	42.0	43.2	43.6	42.2	45.2	45.0	43.6	42.0	41.0	41.0	41.1	43.63
38.8	40.8	43.2	43.2	43.1	43.5	43.8	43.0	43.0	42.0	41.5	43.1	43.45
45.2	45.5	46.8	48.5	50.0	48.8	47.0	44.1	44.6	44.0	43.3	43.0	43.92
44.1	44.0	45.1	45.0	45.2	44.7	43.8	43.5	43.0	43.0	43.0	41.2	43.19
44.8	46.0	46.4	47.6	47.2	46.5	47.0	46.2	43.0	42.6	42.2	41.2	45.26
—	—	—	—	—	—	—	—	—	—	—	—	45.05
42.2	44.2	45.9	46.6	47.6	47.8	47.2	46.4	46.4	46.4	46.0	45.4	46.87
42.8	44.4	47.4	49.0	50.2	51.5	50.1	49.0	47.9	45.0	43.2	42.0	45.99
44.8	46.5	49.0	49.8	51.2	51.4	50.7	48.5	46.0	45.7	45.8	44.8	43.60
48.0	48.0	49.0	49.0	48.8	49.4	50.2	49.2	48.8	48.6	48.4	48.0	48.12
46.4	47.0	48.8	49.2	49.0	49.0	47.2	44.8	43.0	41.8	41.1	41.2	44.94
43.3	45.0	47.0	47.7	48.2	48.0	47.5	46.0	45.4	44.0	44.2	44.6	45.92
—	—	—	—	—	—	—	—	—	—	—	—	44.84
48.8	50.3	51.5	52.3	53.3	53.5	52.3	52.5	51.0	50.0	49.1	49.2	44.55
44.94	45.92	47.17	47.78	48.15	48.41	47.83	47.07	46.10	45.32	44.84	44.55	45.04
49.4	51.2	51.8	52.5	52.3	52.1	51.6	50.8	48.7	47.7	46.5	45.4	48.76
44.5	45.5	46.3	46.7	47.6	48.7	48.5	48.2	46.6	45.2	45.4	44.8	45.10
45.6	47.8	49.4	50.8	51.6	51.8	51.2	51.2	50.8	50.5	50.5	50.5	47.47
42.4	44.0	44.8	44.1	41.7	43.0	40.0	38.2	38.4	38.0	37.6	37.8	43.57
43.8	44.8	46.6	46.0	46.0	47.2	47.0	45.2	43.5	43.1	42.7	43.0	42.06
—	—	—	—	—	—	—	—	—	—	—	—	42.40
41.8	42.8	44.2	44.8	44.8	44.9	44.6	43.9	42.6	40.6	39.9	39.2	42.99
41.8	43.0	43.8	45.4	47.6	49.0	49.4	48.2	48.0	47.4	47.5	47.6	48.26
48.6	49.0	49.6	49.6	50.2	50.0	49.0	48.8	48.8	47.8	47.8	46.8	44.86
44.3	45.8	47.6	48.0	48.8	49.1	47.7	47.3	46.2	45.3	44.7	42.8	39.44
37.6	39.1	41.1	42.7	43.8	43.8	43.6	41.6	39.4	37.8	37.0	36.8	36.94
35.2	37.0	39.4	40.8	40.5	42.2	40.8	40.0	38.9	38.7	37.6	37.9	43.99
—	—	—	—	—	—	—	—	—	—	—	—	40.20
43.5	46.2	46.8	48.3	49.0	49.0	48.2	47.4	46.4	45.2	44.2	42.6	42.79
37.8	39.0	41.0	42.0	43.0	43.3	43.0	41.7	40.8	40.3	41.2	40.3	44.54
41.3	44.5	47.0	49.0	48.9	49.9	47.4	46.0	43.8	42.9	42.0	41.3	49.50
43.4	44.0	44.7	46.4	49.0	49.4	49.3	48.4	47.8	47.6	47.4	47.3	44.57
50.0	51.8	52.0	51.4	51.2	50.7	50.7	50.2	50.2	50.8	48.0	46.8	45.01
44.2	44.8	45.0	45.0	45.1	45.0	45.0	45.0	44.3	43.9	45.0	44.4	44.81
—	—	—	—	—	—	—	—	—	—	—	—	44.78
43.8	45.0	45.4	47.0	48.0	47.5	48.0	48.2	47.9	47.0	46.3	45.3	44.32
42.8	43.8	45.5	47.0	47.4	47.8	47.8	47.4	45.7	44.3	44.6	45.0	45.76
44.4	46.1	47.8	48.2	48.0	48.4	47.6	46.5	45.0	44.2	43.0	43.0	38.32
45.0	46.0	47.6	48.1	48.1	48.6	48.0	46.7	45.3	44.8	45.0	45.1	44.96
45.8	46.5	47.5	48.0	47.8	47.3	46.8	46.3	45.5	45.3	44.2	42.5	41.64
37.4	37.8	38.6	39.4	40.0	40.0	40.8	40.4	40.2	40.2	40.0	40.0	40.57
—	—	—	—	—	—	—	—	—	—	—	—	43.21
46.2	47.0	48.3	48.8	48.3	48.2	47.7	47.7	46.3	46.0	46.1	45.3	44.48
40.4	42.1	43.2	43.9	43.6	42.8	41.8	40.8	39.0	38.2	38.4	38.0	45.65
42.4	41.8	41.8	41.2	42.8	42.4	41.0	41.0	39.8	39.0	38.0	39.0	46.35
43.21	44.48	45.65	46.35	46.73	47.00	46.40	45.66	44.61	43.92	43.48	43.02	43.75

WET THERMOMETER.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
JULY.	1	39°4	39°5	39°0	39°0	39°6	39°8	39°8	39°2	—	38°2	38°0	39°4
	2	38°8	38°2	38°4	38°5	38°4	38°4	38°2	38°2	38°0	38°8	39°0	40°0
	3	39°3	38°8	38°9	37°9	39°3	39°1	38°7	37°8	37°4	36°0	35°6	35°4
	4	39°2	39°0	37°0	—	—	—	—	—	—	—	—	—
	5	—	—	—	42°2	41°4	41°0	40°4	39°8	39°3	38°8	38°2	39°2
	6	38°2	38°2	38°3	38°3	—	38°8	39°0	39°5	39°8	40°2	40°8	41°4
	7	40°4	39°2	39°0	38°6	38°5	38°4	37°8	37°3	36°6	36°0	36°0	36°0
	8	38°6	39°5	39°3	39°0	39°2	39°4	39°6	40°0	40°0	40°2	40°8	41°0
	9	43°4	43°6	43°4	43°4	43°6	43°0	43°0	43°0	42°6	42°2	42°0	43°3
	10	39°5	39°1	38°5	38°7	38°9	38°8	38°5	38°6	—	40°0	40°2	41°0
	11	40°3	39°5	40°1	—	—	—	—	—	—	—	—	—
	12	—	—	—	—	38°0	38°0	37°8	36°4	36°7	36°6	36°9	37°1
	13	35°0	34°8	34°9	35°0	—	33°2	33°4	32°9	32°8	32°4	32°2	32°2
	14	33°6	33°0	33°0	33°0	—	32°2	32°2	32°2	32°1	32°0	32°0	32°0
	15	36°6	36°0	35°5	35°0	34°2	33°9	33°2	32°8	32°2	31°3	31°5	32°4
	16	37°8	37°6	36°9	36°2	35°5	34°8	34°4	34°0	33°8	33°6	33°6	34°2
	17	36°3	35°6	36°1	35°9	35°0	35°2	35°4	35°6	34°8	33°0	34°0	34°8
	18	40°2	43°0	41°8	—	—	—	—	—	—	—	—	—
	19	—	—	—	38°3	38°2	37°2	36°7	35°8	—	33°8	33°6	34°0
	20	40°1	40°2	40°7	41°4	41°8	42°2	42°4	42°6	42°6	42°6	43°0	43°5
	21	44°8	44°0	43°6	43°0	42°2	42°0	41°2	39°0	38°8	37°5	38°0	37°4
	22	43°9	44°2	44°1	43°3	43°0	42°6	41°2	40°1	40°2	40°4	40°6	40°0
	23	45°8	44°8	44°5	44°3	43°8	43°4	43°4	43°6	43°6	43°2	42°8	42°5
	24	45°2	44°2	43°1	42°0	41°9	41°7	40°3	41°1	39°8	40°0	40°0	41°8
	25	47°0	47°0	46°8	—	—	—	—	—	—	—	—	—
	26	—	—	—	45°6	44°0	43°0	42°6	42°2	41°4	41°3	41°3	43°2
	27	46°3	46°5	46°6	46°2	45°2	45°0	43°0	42°7	—	40°8	40°0	42°0
	28	41°2	41°3	41°0	40°9	40°2	39°2	39°2	39°3	39°8	40°2	41°0	42°2
	29	45°5	45°3	45°1	45°2	45°3	45°2	45°3	45°5	—	44°7	45°0	45°2
	30	44°0	43°4	43°2	43°0	43°0	43°0	42°8	41°8	41°6	41°4	41°4	42°3
	31	40°8	41°2	39°7	39°2	38°0	37°2	37°2	37°5	37°2	36°8	37°0	38°0
Hourly Means	40°78	40°62	40°32	40°12	40°34	39°47	39°14	38°83	38°23	38°22	38°32	38°94	
AUGUST.	1	40°0	39°8	39°5	—	—	—	—	—	—	—	—	
	2	—	—	—	37°7	37°9	37°1	37°1	37°0	37°3	38°2	39°1	38°7
	3	38°3	37°5	37°0	37°0	37°3	37°4	37°2	36°6	36°2	35°8	35°5	38°0
	4	38°3	37°1	36°2	35°8	35°8	35°0	34°0	33°6	—	33°4	33°7	33°3
	5	36°6	35°6	35°4	35°0	34°5	33°5	32°8	33°0	32°8	33°0	32°8	33°3
	6	34°7	34°0	33°4	33°0	32°7	32°0	31°7	32°2	—	32°0	32°7	33°4
	7	39°4	39°0	38°7	39°4	39°0	38°3	37°9	37°1	36°2	36°2	36°0	36°9
	8	42°0	42°2	42°2	—	—	—	—	—	—	—	—	—
	9	—	—	—	36°0	35°8	36°1	36°1	36°2	35°4	34°8	35°4	36°4
	10	34°2	34°5	33°5	34°7	34°8	34°4	34°2	34°0	33°7	32°7	32°6	34°8
	11	37°2	38°0	38°0	38°0	37°8	37°8	35°5	38°3	38°8	39°5	39°4	40°7
	12	45°3	45°1	45°3	45°6	45°5	45°0	44°8	44°8	—	45°0	44°8	48°0
	13	47°4	46°6	47°1	47°3	47°6	47°2	47°0	47°2	46°8	47°0	47°0	47°8
	14	44°8	43°8	44°0	44°4	43°8	43°2	42°8	43°0	43°6	43°7	43°6	44°3
	15	47°3	47°2	47°0	—	—	—	—	—	—	—	—	—
	16	—	—	—	44°2	43°0	42°2	41°4	40°2	39°3	38°3	38°0	39°1
	17	45°0	45°0	44°8	44°6	44°4	44°0	44°0	44°2	44°2	44°0	44°0	45°0
	18	50°7	49°7	50°0	50°2	50°2	49°9	50°1	50°3	50°0	50°0	50°0	50°0
	19	43°6	43°1	43°2	43°0	42°0	41°2	40°4	40°5	39°5	39°0	39°2	39°8
	20	39°8	39°0	38°4	38°0	—	37°6	37°2	37°0	35°5	35°6	35°9	36°6
	21	41°2	41°2	39°2	39°0	—	37°4	36°8	36°3	36°4	36°8	36°4	39°4
	22	43°3	42°5	41°8	—	—	—	—	—	—	—	—	—
	23	—	—	—	43°5	42°5	42°3	41°8	41°5	40°3	39°7	39°8	40°7
	24	46°5	46°0	46°0	45°0	44°1	43°0	42°4	42°0	41°5	41°0	41°5	44°0
	25	43°1	41°7	41°9	41°9	—	41°0	41°0	40°6	40°1	40°0	40°3	41°4
	26	37°0	37°0	36°0	36°0	36°3	36°5	36°6	36°3	—	37°4	37°9	38°4
	27	41°0	41°2	40°8	40°5	39°4	38°3	37°3	37°3	37°1	36°8	38°0	39°0
	28	42°0	42°0	41°8	40°2	39°8	39°5	38°4	38°0	37°0	36°8	36°7	40°0
	29	45°0	45°2	45°1	—	—	—	—	—	—	—	—	—
	30	—	—	—	46°4	46°0	46°0	45°6	45°0	45°0	45°0	45°4	46°2
	31	46°9	46°0	46°1	46°0	46°0	44°8	43°6	44°6	44°5	44°2	44°8	45°8
Hourly Means	41°95	41°54	41°25	40°86	40°70	40°03	39°53	39°50	39°60	39°07	39°25	40°42	

WET THERMOMETER.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
40.2	41.9	44.2	44.8	44.8	45.2	44.6	43.3	41.2	39.7	40.1	39.2	40.87
40.8	43.1	43.1	44.2	45.2	45.6	45.6	44.8	43.4	42.0	40.4	39.7	40.87
36.0	38.8	40.4	42.0	43.0	44.0	43.2	42.0	42.0	41.5	39.8	40.0	39.45
—	—	—	—	—	—	—	—	—	—	—	—	—
40.3	41.8	42.4	42.5	43.0	42.4	42.0	41.4	41.0	40.2	39.3	37.6	40.40
41.2	42.0	42.0	42.8	43.0	43.5	43.2	42.0	41.0	41.8	42.0	40.6	40.77
39.0	41.0	43.5	42.8	43.6	44.3	43.5	43.4	42.8	41.2	39.0	38.6	39.85
41.0	42.8	45.4	46.7	47.2	47.4	46.2	45.6	45.0	44.6	44.0	43.8	42.35
45.4	46.2	46.0	46.2	47.0	47.4	46.5	44.0	43.2	41.9	42.0	41.0	43.89
42.8	43.0	44.0	44.8	45.3	45.4	45.6	45.3	43.6	42.7	41.6	40.9	41.60
—	—	—	—	—	—	—	—	—	—	—	—	—
38.8	40.6	41.6	42.5	43.0	43.3	42.4	42.0	40.0	38.0	37.2	36.0	39.86
33.8	34.9	36.5	38.3	41.0	41.4	41.0	40.0	37.2	35.5	35.0	34.3	35.55
32.2	33.2	36.7	38.5	39.8	39.7	40.3	39.6	40.2	39.2	38.0	37.2	35.30
35.0	35.2	38.0	39.6	41.2	42.0	41.0	39.9	39.3	38.8	38.4	38.2	36.30
35.8	36.2	39.8	41.0	42.8	44.1	44.0	42.9	40.3	38.4	37.3	36.8	37.58
36.0	36.7	38.8	39.0	38.9	39.2	40.0	39.8	39.4	39.5	40.4	40.0	37.06
—	—	—	—	—	—	—	—	—	—	—	—	—
36.4	37.2	39.3	40.7	42.2	43.5	43.4	42.3	40.0	39.7	39.5	39.7	38.98
43.1	44.2	44.6	46.3	46.6	47.0	47.8	47.0	46.2	46.2	45.6	45.0	43.86
40.2	42.8	45.0	47.3	49.0	48.9	49.8	49.5	47.2	46.4	45.4	44.5	43.66
41.0	42.0	45.2	47.8	48.1	48.2	49.5	49.0	48.0	47.6	47.1	46.5	44.32
44.0	46.1	48.0	49.6	50.0	50.5	50.0	48.8	47.4	46.8	46.4	46.4	45.82
44.4	46.0	47.6	48.8	48.2	49.2	49.2	48.8	48.0	48.1	47.3	47.5	44.76
—	—	—	—	—	—	—	—	—	—	—	—	—
44.7	45.8	48.4	49.8	50.6	50.0	49.4	48.6	48.0	47.7	46.7	45.8	45.87
43.4	45.0	47.4	47.4	47.6	48.3	48.5	47.0	45.8	44.7	43.2	42.0	44.98
43.0	43.1	43.4	45.0	45.8	45.8	45.9	45.2	45.2	45.2	45.2	45.2	42.65
45.3	46.1	47.0	46.1	46.2	48.0	46.4	45.6	44.4	44.4	44.2	44.0	45.43
42.8	43.2	43.0	43.4	43.8	43.2	42.2	42.0	41.8	41.8	42.0	41.8	42.58
38.8	40.4	42.1	42.9	43.6	44.0	42.6	42.2	41.4	40.5	40.2	40.2	39.95
—	—	—	—	—	—	—	—	—	—	—	—	—
40.20	41.46	43.09	44.10	44.83	45.24	44.96	44.15	43.07	42.37	41.75	41.20	41.28
—	—	—	—	—	—	—	—	—	—	—	—	—
39.8	42.0	43.0	41.6	41.3	41.7	41.7	42.0	39.8	39.7	39.3	38.7	39.58
39.2	41.3	42.2	43.0	43.3	43.2	43.5	42.7	42.0	41.8	—	40.4	39.41
35.1	37.2	39.0	41.9	43.3	44.0	44.0	44.0	41.2	39.4	39.0	37.8	37.92
35.4	37.8	40.4	42.2	43.5	44.0	43.4	43.1	40.8	38.2	37.1	35.7	37.08
34.8	37.0	38.3	39.2	40.7	42.0	43.4	44.0	43.9	43.4	42.0	40.3	36.99
38.7	40.1	43.3	44.5	45.2	46.0	46.2	46.2	45.0	43.0	42.4	42.8	40.73
—	—	—	—	—	—	—	—	—	—	—	—	—
37.2	36.7	37.2	37.7	36.7	37.6	37.4	37.3	36.1	34.2	34.3	34.4	36.90
37.4	38.2	39.6	40.4	41.6	41.2	40.6	40.0	40.0	38.0	37.6	37.0	36.65
42.4	44.2	47.0	48.4	47.6	49.0	47.8	47.5	46.8	45.8	45.5	45.3	42.35
49.5	50.2	49.7	49.6	51.2	52.2	51.2	50.7	50.4	48.4	48.3	47.9	47.33
48.9	50.0	50.0	52.2	51.7	52.5	52.3	50.8	49.4	48.2	48.0	46.4	48.60
45.2	47.6	49.8	51.0	51.0	51.0	50.6	51.0	49.7	49.3	48.0	47.5	46.53
—	—	—	—	—	—	—	—	—	—	—	—	—
40.5	42.4	45.0	46.8	48.0	48.0	47.8	47.2	46.2	45.2	44.0	44.5	43.87
49.5	49.4	50.8	52.0	53.4	52.8	52.9	53.2	52.2	51.8	51.6	51.1	47.95
50.4	50.2	50.6	51.2	49.2	48.0	47.5	46.8	45.8	44.8	44.6	43.8	48.92
41.7	44.2	44.0	43.6	43.6	44.0	43.6	43.4	43.0	42.0	40.0	40.4	42.00
38.2	40.2	43.0	45.0	46.0	46.2	47.2	47.2	46.2	44.9	44.0	43.3	40.96
42.4	41.3	46.3	47.8	47.3	47.4	47.6	47.2	46.2	44.1	42.9	43.5	42.05
—	—	—	—	—	—	—	—	—	—	—	—	—
43.0	45.0	47.3	48.7	49.7	51.5	51.5	51.0	49.3	48.7	47.5	47.0	44.99
45.2	46.0	48.0	49.3	49.7	51.0	49.1	48.2	47.3	46.3	45.0	45.2	45.55
41.4	40.9	41.8	41.2	41.5	40.3	40.4	39.8	39.2	39.0	38.0	38.0	40.63
39.4	40.6	41.4	42.4	43.0	42.6	41.9	40.9	40.5	40.2	40.3	40.6	39.10
42.2	44.2	46.5	47.3	47.8	48.8	48.2	47.5	46.6	45.0	43.6	43.3	42.40
41.7	44.5	46.2	47.2	47.6	47.4	48.5	48.2	46.9	45.8	46.0	45.6	42.82
—	—	—	—	—	—	—	—	—	—	—	—	—
47.6	48.8	49.5	49.7	50.0	50.6	49.8	50.2	48.2	48.0	47.3	47.2	47.20
47.4	49.0	50.0	50.4	50.2	51.0	51.0	48.6	47.2	45.6	44.8	43.8	46.76
—	—	—	—	—	—	—	—	—	—	—	—	—
41.97	43.54	44.99	45.93	46.31	46.70	46.50	46.10	44.99	43.88	43.24	42.75	42.53

WET THERMOMETER.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
SEPTEMBER.	1	43.6	44.0	43.8	43.4	42.5	41.5	40.3	41.0	42.0	42.9	44.1	
	2	43.0	43.5	43.7	44.0	44.2	44.0	43.3	44.2	44.0	44.2	44.6	
	3	43.0	44.2	42.6	43.2	42.6	42.5	42.2	41.8	41.5	41.5	43.0	
	4	39.8	40.0	39.4	39.4	39.1	39.1	39.5	38.5	38.3	38.0	39.1	40.5
	5	41.0	41.0	41.2	—	—	—	—	—	—	—	—	—
	6	—	—	—	43.0	42.4	42.8	43.0	43.0	42.2	40.8	40.8	43.2
	7	44.0	43.5	43.2	41.8	41.4	40.8	39.6	38.8	—	37.8	39.4	41.2
	8	44.0	43.0	42.9	42.1	41.9	42.8	42.0	41.5	41.2	41.2	41.8	42.8
	9	48.2	47.7	47.5	47.7	48.5	48.8	48.2	48.2	48.0	48.7	50.4	51.2
	10	52.8	52.2	52.2	52.2	52.0	51.8	48.0	47.0	46.7	45.7	44.8	46.2
	11	43.6	43.0	42.4	42.0	43.1	43.2	43.2	43.3	43.6	44.0	44.8	46.6
	12	39.3	39.0	38.2	—	—	—	—	—	—	—	—	—
	13	—	—	—	45.0	43.0	41.0	40.0	40.5	40.7	40.3	40.7	41.2
	14	37.0	37.2	37.2	37.7	37.1	37.2	38.0	38.1	38.0	37.8	38.5	40.2
	15	41.3	40.1	39.0	37.6	37.8	37.0	36.4	35.6	35.5	35.9	37.1	39.2
	16	47.1	46.4	46.0	45.6	45.5	46.2	46.5	47.2	46.5	46.1	47.0	48.0
	17	51.0	50.6	49.2	48.7	48.1	46.9	46.6	46.4	47.0	47.8	48.6	48.4
	18	42.3	41.5	41.4	41.1	40.0	39.8	39.4	39.4	39.3	39.3	41.5	44.0
	19	39.2	38.8	37.6	—	—	—	—	—	—	—	—	—
	20	—	—	—	44.2	44.8	43.9	43.4	42.5	42.0	41.4	42.6	43.8
	21	43.2	42.0	40.7	40.1	—	38.6	38.4	38.4	38.7	38.3	41.7	43.0
	22	44.8	43.4	42.5	41.4	40.2	40.5	39.6	39.3	38.8	38.8	41.3	43.3
	23	47.0	46.6	48.6	48.0	48.5	47.5	47.0	46.4	45.6	46.0	48.0	49.6
	24	49.5	48.2	47.7	46.8	46.2	46.1	46.8	47.0	47.2	48.0	49.4	50.8
	25	49.0	48.4	48.2	48.0	47.0	47.0	47.0	47.0	47.0	46.0	47.6	49.8
	26	42.2	41.8	41.5	—	—	—	—	—	—	—	—	—
	27	—	—	—	40.2	40.2	40.0	40.0	40.0	39.8	40.6	43.0	45.5
	28	45.0	44.0	43.6	43.0	—	—	—	—	39.3	40.0	42.2	44.4
	29	45.7	44.5	43.8	42.6	42.7	41.9	42.0	41.5	41.6	41.6	42.2	44.2
	30	52.3	52.2	53.0	53.3	53.8	53.0	51.2	48.8	45.0	45.0	47.2	46.2
Hourly Means	44.57	44.11	43.73	43.93	43.83	43.33	42.89	42.58	42.39	42.18	43.40	44.81	
OCTOBER.	1	40.6	40.2	40.2	40.0	38.8	39.0	39.0	39.6	39.0	38.8	40.0	41.9
	2	44.2	44.0	43.8	43.8	—	—	42.2	42.3	—	43.2	44.4	46.0
	3	54.4	55.3	56.5	—	—	—	—	—	—	—	—	—
	4	—	—	—	47.0	47.0	46.8	47.2	44.6	42.0	42.0	43.5	44.0
	5	41.1	41.0	41.1	41.4	41.4	41.2	41.2	42.0	43.8	44.2	46.2	48.0
	6	50.6	51.0	50.9	48.5	47.8	46.6	46.0	44.0	42.2	43.0	41.2	41.6
	7	36.0	35.8	35.6	35.0	34.5	34.4	34.2	34.2	33.9	34.8	35.9	40.3
	8	47.5	47.2	47.2	47.0	47.2	47.6	47.5	48.3	—	52.2	55.0	52.8
	9	46.7	46.4	46.0	45.2	45.2	45.0	44.0	43.4	43.3	44.0	46.0	46.5
	10	48.2	47.3	46.5	—	—	—	—	—	—	—	—	—
	11	—	—	—	40.6	40.2	39.2	38.9	38.6	39.2	39.8	40.5	41.6
	12	41.6	40.3	40.2	40.0	40.0	40.0	40.0	40.0	40.8	42.0	43.5	44.8
	13	45.2	45.2	44.8	44.2	44.3	43.8	44.0	43.8	43.5	44.1	45.3	48.0
	14	46.7	47.0	47.0	46.1	46.2	45.5	44.7	44.2	—	45.2	47.8	49.0
	15	47.3	47.6	47.3	46.7	46.4	46.2	46.6	47.0	46.8	48.0	50.0	51.5
	16	49.0	48.6	48.8	49.0	48.7	48.2	48.0	47.8	47.6	48.3	49.8	52.0
	17	50.5	50.3	49.5	—	—	—	—	—	—	—	—	—
	18	—	—	—	39.2	32.0	39.0	39.0	39.2	39.1	40.0	41.2	44.9
	19	45.2	45.2	44.2	43.0	41.7	40.4	40.5	40.9	41.5	43.3	45.8	47.2
	20	49.8	49.0	48.8	48.0	47.2	47.4	47.3	46.4	47.0	48.4	49.2	49.8
	21	58.3	57.5	57.0	56.5	56.4	56.2	56.2	56.0	55.2	56.0	57.8	60.3
	22	54.6	53.7	53.8	53.8	54.5	54.3	54.3	53.2	53.2	54.8	55.8	59.7
	23	45.5	45.5	45.1	45.0	44.7	44.6	44.7	44.1	44.0	45.8	48.2	50.8
	24	44.6	43.7	43.6	—	—	—	—	—	—	—	—	—
	25	—	—	—	47.2	46.5	46.0	46.1	46.2	45.6	47.4	49.3	51.8
	26	54.0	54.0	52.7	51.0	51.0	50.3	49.2	49.2	48.8	49.5	52.8	55.2
	27	52.3	51.6	51.6	51.6	51.8	52.0	52.2	52.4	52.4	52.9	53.2	54.0
	28	55.0	54.2	54.0	54.4	52.7	52.5	52.3	52.0	51.8	51.4	52.0	52.0
	29	53.0	51.8	50.2	48.8	47.1	46.2	45.6	44.6	—	44.4	45.0	43.8
	30	42.5	41.3	41.2	41.1	41.0	41.0	41.0	41.4	42.2	43.2	47.0	49.2
Hourly Means	47.86	47.49	47.22	45.78	45.25	45.34	45.07	44.82	44.68	45.64	47.17	48.72	

WET THERMOMETER.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
46.2	46.4	47.2	47.6	49.0	49.0	48.9	49.0	47.8	45.8	44.8	43.8	44.86
45.8	45.2	44.8	44.5	45.5	45.1	45.6	44.1	43.5	44.1	43.2	43.2	44.22
44.7	44.8	44.5	44.3	44.0	43.0	41.8	41.0	40.8	40.2	40.0	40.0	42.45
42.4	43.0	43.6	44.4	45.2	44.9	45.0	44.3	42.7	41.5	40.6	40.0	41.18
—	—	—	—	—	—	—	—	—	—	—	—	—
44.2	45.8	47.3	47.6	48.6	47.0	48.2	46.8	45.8	45.0	43.8	45.2	44.15
43.2	45.8	47.2	48.2	49.8	50.3	50.8	50.0	49.0	47.2	45.8	44.5	44.50
—	45.5	46.5	47.5	49.6	51.2	52.2	51.5	50.8	49.8	49.0	48.3	45.58
52.1	52.4	53.4	54.1	54.0	54.6	54.0	53.4	52.8	52.2	52.8	52.8	50.90
47.2	48.6	49.8	50.8	51.0	51.2	51.5	49.8	48.0	46.0	44.5	44.2	48.92
48.0	49.0	49.2	48.0	46.4	45.5	46.3	44.1	42.2	42.0	40.6	40.3	44.35
—	—	—	—	—	—	—	—	—	—	—	—	—
39.0	41.2	41.5	40.3	42.1	41.9	40.0	39.1	39.0	38.0	38.4	37.7	40.30
43.0	43.5	44.0	45.0	45.1	45.1	46.2	45.6	44.8	43.0	42.6	42.9	41.03
42.0	43.6	45.7	47.3	49.0	50.8	50.6	49.8	49.2	48.4	48.2	47.8	42.70
48.8	51.8	53.8	54.8	54.6	53.8	53.5	54.0	53.5	53.3	52.3	52.4	49.78
48.8	50.0	48.3	47.5	47.3	48.0	48.2	47.8	44.4	44.0	42.8	42.3	47.45
45.7	47.1	46.1	46.7	47.0	46.0	45.8	44.8	43.4	42.0	41.0	40.0	42.70
—	—	—	—	—	—	—	—	—	—	—	—	—
44.8	46.5	48.0	49.6	50.2	50.1	50.2	49.0	47.4	46.3	45.1	44.1	44.78
45.0	47.0	48.7	50.2	51.0	51.5	51.8	51.0	49.2	47.8	46.6	45.8	44.73
46.2	48.6	50.0	51.8	53.2	53.0	52.0	51.3	51.0	49.8	48.0	46.8	45.65
51.6	54.0	54.9	55.4	57.0	56.5	55.8	55.8	54.9	54.0	53.2	52.0	51.00
53.0	53.2	53.3	55.0	56.0	56.5	56.2	55.7	53.8	52.0	50.4	49.2	50.75
52.4	54.2	56.0	55.3	54.7	54.5	55.0	50.6	47.0	45.0	43.3	42.5	49.27
—	—	—	—	—	—	—	—	—	—	—	—	—
47.5	48.4	49.2	50.2	51.4	52.8	52.4	51.8	50.8	49.4	48.0	46.5	45.55
46.0	48.4	50.8	50.4	50.8	51.0	52.0	50.2	49.5	48.0	48.0	46.3	46.64
47.8	51.7	56.0	57.5	56.8	57.8	56.8	58.0	57.1	55.0	53.2	52.6	48.94
48.9	48.7	48.2	47.8	46.6	45.4	46.4	44.8	44.0	43.0	42.0	41.4	47.84
46.57	47.86	48.77	49.30	49.84	49.87	49.90	48.97	47.78	46.65	45.70	45.10	45.78
41.6	47.6	48.2	49.6	50.0	48.8	49.4	49.4	47.2	46.0	45.0	45.5	43.68
47.6	49.0	50.0	51.2	53.7	54.8	55.1	56.0	55.8	54.0	53.8	54.3	49.01
—	—	—	—	—	—	—	—	—	—	—	—	—
44.2	44.7	44.2	43.3	46.1	43.2	46.5	46.5	44.7	42.6	42.0	41.3	45.82
50.7	50.8	52.2	52.8	53.0	54.0	53.8	53.2	52.2	51.2	50.4	51.0	47.41
42.5	43.5	43.0	41.5	41.5	44.5	42.6	40.3	41.0	38.8	37.6	37.0	43.63
45.0	45.8	47.8	48.2	49.0	50.2	50.2	51.0	50.0	49.4	48.5	48.0	41.90
56.4	56.0	55.3	55.0	56.0	53.6	52.8	51.8	49.4	48.4	47.5	46.9	50.81
47.6	48.7	49.8	50.7	51.5	52.3	53.0	52.8	50.6	49.8	48.6	48.0	47.71
—	—	—	—	—	—	—	—	—	—	—	—	—
42.8	43.3	45.0	44.8	44.4	45.0	44.6	44.3	43.7	42.3	41.7	41.3	42.66
45.0	47.3	49.7	50.0	50.8	50.0	49.2	49.2	47.4	46.8	46.0	45.0	44.57
48.8	48.6	49.6	49.0	—	48.7	48.2	46.6	47.3	46.8	47.0	46.8	46.24
50.8	52.5	54.0	53.0	53.2	52.2	51.7	51.3	49.4	48.2	47.3	47.3	48.71
53.1	53.6	55.0	55.2	56.3	56.8	56.4	56.7	54.7	53.0	50.6	50.0	50.95
54.5	55.5	56.8	56.8	57.5	57.8	55.3	55.1	54.0	53.6	51.2	50.4	51.80
—	—	—	—	—	—	—	—	—	—	—	—	—
45.7	43.7	45.2	46.3	47.0	47.0	48.4	46.0	45.6	44.0	44.0	45.0	44.12
49.2	51.0	51.6	53.6	54.0	55.0	55.5	56.0	54.5	52.2	51.3	50.2	48.04
51.2	52.0	55.2	55.0	56.4	61.2	63.7	64.4	61.5	59.0	58.7	57.8	53.10
53.5	62.2	63.5	63.1	62.0	61.8	59.2	59.2	57.0	57.0	56.2	55.5	58.48
58.8	55.0	53.6	53.0	53.0	52.0	50.8	49.8	48.0	45.5	46.4	45.0	52.77
52.0	51.5	52.0	53.5	51.7	52.0	51.3	49.0	48.3	44.9	45.0	45.0	47.67
—	—	—	—	—	—	—	—	—	—	—	—	—
54.7	56.3	59.3	61.2	61.5	62.0	60.0	59.5	59.0	57.3	55.2	54.0	52.42
56.2	58.2	57.0	58.9	59.0	57.7	57.9	56.9	56.0	55.6	54.2	53.2	54.10
54.4	56.3	56.6	56.2	55.7	56.0	56.0	56.6	56.4	55.8	55.2	55.0	54.09
52.6	53.8	54.8	55.8	57.2	57.6	56.4	55.7	54.7	52.7	52.3	52.5	53.77
43.2	43.7	44.0	45.0	45.6	47.6	47.2	46.8	46.0	44.0	42.2	42.7	46.02
50.0	51.6	52.3	53.4	55.8	56.1	54.2	53.1	52.6	51.7	51.2	50.7	47.70
50.12	50.85	51.76	52.16	52.48	53.38	52.67	52.20	51.04	49.60	48.81	48.84	48.74

WET THERMOMETER.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
Oct. 31	50°2	49°2	49°2	—	—	—	—	—	—	—	—	—	
1	—	—	—	50°2	49°9	49°6	50°0	49°6	50°0	50°4	51°2	51°6	
2	52°7	52°0	51°4	51°5	50°6	50°0	49°6	49°8	48°7	49°0	52°8	53°8	
3	54°5	54°0	52°4	52°0	51°3	51°0	50°5	50°3	51°0	51°5	54°3	56°7	
4	52°7	52°0	52°0	52°0	—	52°2	51°9	51°1	52°2	53°8	56°4	58°6	
5	54°2	54°3	54°0	53°9	—	54°0	54°2	54°0	54°5	55°2	54°6	55°5	
6	56°2	56°1	56°2	56°0	55°0	55°0	55°0	55°0	55°5	55°7	58°4	61°8	
7	49°7	49°2	48°7	—	—	—	—	—	—	—	—	—	
8	—	—	—	46°4	45°8	45°0	44°2	44°0	44°7	46°0	48°8	50°6	
9	49°0	49°0	49°0	48°8	48°5	48°3	48°0	48°0	48°6	50°2	50°0	50°0	
10	49°8	49°6	49°7	49°3	48°4	48°5	47°9	47°9	48°8	50°2	52°2	53°0	
11	52°3	51°4	51°0	50°1	49°8	49°0	48°4	47°4	47°5	48°0	52°8	53°2	
12	56°4	57°0	56°2	56°0	55°8	55°5	55°0	54°5	55°0	56°6	59°1	61°7	
13	52°8	52°2	52°2	52°2	52°6	52°4	52°2	52°2	—	52°4	52°2	52°8	
14	54°3	53°8	53°0	—	—	—	—	—	—	—	—	—	
15	—	—	—	50°0	49°5	49°2	48°0	47°5	47°2	48°2	49°3	50°7	
16	47°0	47°0	47°8	48°0	48°4	49°1	49°2	48°7	48°8	49°4	51°0	51°8	
17	49°7	48°8	48°3	47°6	47°0	46°8	46°6	46°0	46°5	48°2	50°0	52°0	
18	56°4	55°0	54°0	53°8	53°0	53°0	52°8	53°4	53°9	54°6	56°9	58°0	
19	59°0	58°0	58°2	58°0	58°0	57°8	57°4	57°6	57°7	58°5	57°8	57°5	
20	46°0	46°2	46°2	46°3	45°8	46°0	46°0	46°0	45°9	46°0	46°8	46°5	
21	44°0	43°8	43°0	—	—	—	—	—	—	—	—	—	
22	—	—	—	48°0	47°6	47°9	47°7	46°9	47°4	48°2	48°8	50°0	
23	49°4	49°1	48°7	48°3	—	46°8	46°0	47°0	46°2	46°5	50°5	52°0	
24	57°8	57°6	57°6	57°2	57°2	57°2	57°2	57°0	—	58°6	61°2	61°8	
25	62°5	62°0	62°0	61°5	61°8	61°5	61°2	60°8	61°6	62°4	63°2	63°4	
26	53°6	52°1	52°0	51°0	—	51°2	51°6	52°0	53°0	54°3	54°6	55°3	
27	54°0	53°2	53°0	53°0	52°8	54°0	54°0	54°0	54°3	54°8	55°7	57°3	
28	57°8	58°0	58°0	—	—	—	—	—	—	—	—	—	
29	—	—	—	—	59°4	59°0	58°8	59°4	59°5	61°0	61°2	63°0	
30	58°8	58°0	56°8	56°0	53°8	54°5	54°0	54°0	54°8	56°2	54°2	54°5	
Hourly Means	53°22	52°78	52°46	51°90	51°91	51°71	51°44	51°31	51°39	52°53	54°00	55°12	
DECEMBER.	1	56°2	55°2	56°5	54°1	53°7	53°3	52°2	51°7	53°0	54°8	56°2	57°2
2	55°8	55°5	55°3	55°1	55°0	54°5	54°0	53°6	53°6	53°2	53°3	56°0	56°2
3	50°5	50°9	51°3	51°4	51°2	50°6	50°5	49°2	—	51°2	50°8	49°2	—
4	44°0	43°0	43°1	43°2	43°2	43°0	43°0	43°0	43°0	44°0	45°0	47°0	49°4
5	50°0	49°5	49°5	—	—	—	—	—	—	—	—	—	—
6	—	—	—	53°8	52°5	52°0	51°5	51°0	51°2	53°6	54°3	56°0	—
7	56°0	56°0	53°8	52°0	50°2	49°0	48°4	48°2	49°0	49°4	49°5	51°8	51°8
8	53°6	53°2	52°2	51°8	50°3	49°7	49°7	49°5	51°6	52°7	54°0	56°2	56°2
9	61°0	60°0	59°3	58°8	58°2	57°8	57°2	56°8	57°2	58°4	62°0	62°2	62°2
10	64°0	62°2	61°0	60°8	—	60°7	60°3	60°2	61°2	61°5	65°5	67°2	67°2
11	65°0	64°0	63°2	63°1	62°8	62°2	61°0	60°6	—	64°0	64°5	66°0	66°0
12	65°0	66°3	65°4	—	—	—	—	—	—	—	—	—	—
13	—	—	—	57°0	56°8	56°3	56°2	56°1	55°8	55°2	56°0	55°5	55°5
14	54°6	54°8	55°4	54°6	55°2	55°0	55°4	55°2	55°6	56°5	57°0	58°0	58°0
15	58°0	57°8	56°4	56°0	55°6	56°2	56°0	56°0	56°7	58°0	58°9	60°5	60°5
16	47°2	46°7	46°7	47°0	48°3	48°5	48°5	48°2	49°0	51°0	51°4	52°5	52°5
17	55°0	56°2	55°1	53°8	52°5	52°8	51°2	50°8	51°2	52°8	54°2	57°0	57°0
18	50°6	50°8	50°5	49°8	49°0	50°0	50°3	49°0	49°2	50°8	53°2	53°9	53°9
19	46°0	47°0	46°0	—	—	—	—	—	—	—	—	—	—
20	—	—	—	51°8	52°0	51°5	51°8	52°0	52°0	53°2	55°0	56°5	56°5
21	55°5	56°0	56°2	56°2	54°5	54°8	53°7	53°7	54°7	56°5	57°6	58°0	58°0
22	54°0	51°2	52°0	48°8	50°0	48°0	47°7	45°0	—	45°5	49°8	50°2	50°2
23	53°1	51°8	51°6	50°5	50°0	49°0	49°0	48°0	50°6	50°0	52°0	54°7	54°7
24	53°9	54°0	53°8	—	—	—	—	—	—	—	—	—	—
25	—	—	—	58°7	58°3	57°8	56°5	56°0	53°8	53°8	54°0	55°8	55°8
26	47°0	46°1	46°0	—	—	—	—	—	—	—	—	—	—
27	—	—	—	51°4	51°5	52°0	52°0	52°0	51°7	53°0	54°5	56°3	56°3
28	56°0	54°3	52°3	51°0	50°0	49°3	49°0	48°8	49°2	51°0	52°5	54°2	54°2
29	59°7	58°7	57°6	58°9	58°4	57°6	57°3	57°2	57°8	58°0	59°0	60°0	60°0
30	56°8	57°0	56°8	57°0	57°5	57°2	57°0	57°0	57°1	58°8	59°7	61°2	61°2
31	60°0	60°0	60°0	59°8	59°9	60°1	59°6	59°5	60°0	60°2	60°7	60°2	60°2
Hourly Means	54°94	54°55	54°12	54°10	53°46	53°42	53°04	52°63	53°25	54°16	55°59	56°76	56°76

WET THERMOMETER.

12	13	14	15	16	15	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
53.2	55.0	55.8	57.0	57.6	56.5	55.1	55.2	54.6	54.0	52.2	52.5	52.50
55.8	57.4	58.4	60.6	61.6	61.2	59.6	58.0	58.0	55.8	55.0	55.0	54.51
58.8	61.6	62.2	63.2	58.7	57.8	57.8	57.5	56.5	56.2	55.2	54.0	55.38
60.8	59.8	58.5	58.0	58.2	58.0	58.0	57.7	56.8	55.2	54.6	54.3	55.43
56.2	57.8	58.2	60.0	59.6	59.0	58.0	58.2	57.2	56.2	55.8	56.0	56.11
61.1	62.8	63.3	65.2	65.3	66.2	65.0	58.8	55.8	50.0	48.7	49.0	57.92
52.0	54.3	55.0	55.7	57.2	56.0	56.6	56.8	55.2	53.8	52.4	52.0	50.84
51.8	54.4	53.4	54.6	55.2	55.3	55.7	54.8	54.2	52.2	50.3	50.0	51.22
54.0	54.0	55.2	56.8	57.0	58.3	56.9	57.0	56.5	55.0	53.9	53.5	52.64
55.0	56.8	57.1	55.8	57.2	58.8	60.0	58.2	58.0	56.4	56.8	57.0	53.66
60.0	61.0	59.6	59.0	57.8	56.0	55.2	54.3	54.2	53.7	53.5	53.1	56.51
53.0	53.4	54.0	54.6	54.4	54.2	54.8	54.0	54.0	54.3	54.3	54.2	53.28
50.0	49.8	49.4	50.5	49.2	50.2	49.2	48.8	48.5	47.0	47.0	47.0	49.47
54.2	55.0	55.4	57.7	58.7	57.0	56.4	56.1	53.6	52.2	51.2	49.8	51.81
53.2	55.0	57.3	58.5	58.6	59.7	60.2	60.2	57.8	57.8	56.8	56.8	52.90
59.4	61.0	62.2	63.2	63.5	62.0	60.0	59.6	60.0	58.7	58.0	57.5	57.50
57.0	55.3	54.7	53.3	52.3	51.7	51.0	50.0	48.0	46.4	44.9	44.4	54.35
47.8	46.2	45.2	47.8	47.8	49.0	47.2	48.4	45.4	45.4	45.0	44.0	46.37
51.0	52.3	54.0	55.5	54.8	55.8	55.2	56.6	55.2	53.1	51.5	50.4	50.36
54.7	55.4	57.1	58.2	58.8	58.8	58.8	60.6	60.0	59.6	59.0	58.2	53.46
63.0	64.2	64.2	65.5	65.5	66.6	66.0	67.2	65.3	64.0	63.2	62.8	61.65
62.2	62.0	64.0	66.0	66.5	64.3	64.0	61.0	59.0	57.6	55.4	54.2	61.67
56.0	57.6	58.2	59.1	60.3	60.7	61.0	61.7	59.0	57.6	55.2	55.0	55.74
50.5	61.8	62.2	63.2	64.0	65.2	64.8	63.6	62.7	60.2	58.7	57.8	58.08
65.0	66.3	68.3	68.5	71.2	70.0	69.2	64.5	66.2	62.2	59.8	58.4	62.81
57.0	57.4	59.2	59.6	61.0	61.5	61.8	61.8	61.8	60.1	57.7	57.0	57.56
56.33	57.22	57.77	58.73	58.92	58.84	58.37	57.72	56.67	55.19	54.08	53.61	54.76
59.4	59.5	61.0	61.8	59.8	57.5	57.8	58.2	56.2	55.5	55.3	55.4	56.31
56.4	56.0	56.3	56.0	56.8	56.5	59.0	56.4	54.7	54.0	53.8	52.2	55.23
49.5	51.8	51.8	52.0	52.2	50.4	51.4	50.5	50.3	47.5	46.1	45.0	50.22
50.0	51.8	54.0	55.0	57.2	56.5	55.8	54.3	52.0	52.1	51.8	50.5	48.83
57.4	58.4	60.0	61.2	63.0	60.0	58.0	54.0	57.8	57.7	56.8	56.8	55.25
52.5	55.0	57.2	57.0	59.2	59.8	61.6	62.2	61.3	60.4	57.6	54.8	54.64
59.0	61.3	63.9	65.2	66.3	67.3	67.8	67.7	67.0	66.6	65.0	62.0	58.48
62.4	65.0	66.2	68.2	68.5	69.5	69.0	69.2	70.1	69.2	67.5	65.0	63.28
67.4	68.8	68.6	68.2	69.0	68.5	69.8	71.7	68.5	70.3	66.5	65.7	65.54
67.0	67.2	69.5	69.0	69.5	68.8	66.8	69.8	—	67.5	67.2	66.3	65.68
55.8	56.2	57.0	56.8	55.6	57.0	56.1	56.1	56.6	56.8	55.4	54.7	57.32
57.2	59.0	60.8	61.2	61.2	60.5	60.0	60.5	60.0	59.2	59.5	59.0	57.72
62.0	64.2	64.8	65.5	65.0	59.0	57.0	54.5	58.3	54.3	50.8	49.0	57.73
54.2	54.0	56.5	57.4	56.7	57.3	59.6	58.9	58.8	55.3	55.2	55.0	52.66
57.8	57.7	57.3	57.4	58.0	57.0	57.5	57.2	56.3	54.0	53.8	51.6	54.92
53.0	52.5	51.5	51.2	52.0	54.0	53.0	53.8	52.5	50.6	48.0	47.8	51.12
57.5	58.0	58.5	60.0	59.5	59.3	57.8	58.1	57.4	56.2	56.2	56.0	54.55
59.2	60.8	63.2	65.3	67.0	68.0	66.3	65.0	66.0	64.7	64.0	62.0	59.95
54.1	54.8	53.7	52.6	56.6	57.3	58.0	55.5	57.6	58.0	56.3	54.8	52.67
56.0	58.2	59.0	60.0	58.2	57.6	58.8	56.0	56.2	55.2	54.2	54.2	53.91
56.3	56.2	58.2	58.2	55.4	55.2	53.2	53.2	50.3	51.2	48.6	47.7	54.59
57.0	57.0	57.3	59.0	58.5	58.8	61.3	60.5	60.8	60.0	59.0	57.0	54.99
56.0	58.0	59.5	60.3	62.6	64.0	64.7	64.0	62.6	62.7	60.7	60.0	56.36
59.4	59.8	60.2	60.4	60.0	60.0	59.0	59.5	58.0	56.1	55.0	55.0	58.44
63.0	64.1	64.0	65.2	64.0	64.0	63.0	62.0	61.5	60.0	59.0	59.5	60.10
60.8	61.0	61.0	61.2	64.0	64.6	64.8	65.5	65.2	65.3	64.9	64.5	61.78
57.68	58.70	59.65	60.20	60.61	60.32	60.27	59.78	58.84	58.48	57.23	56.21	56.63

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
Humidity of the Air. JANUARY.	1	49	54	58	75	79	79	75	60	70	71	64	55
	2	74	80	86	82	—	78	77	78	82	83	79	73
	3	65	68	71	—	—	—	—	—	—	—	—	—
	4	—	—	—	74	74	74	76	80	84	76	71	66
	5	85	86	87	89	89	89	89	88	88	84	82	76
	6	75	75	77	76	80	81	83	83	88	81	74	65
	7	72	70	63	60	52	52	51	52	57	51	47	41
	8	78	87	95	97	99	99	100	100	95	92	88	87
	9	69	74	78	80	81	81	84	—	84	81	73	70
	10	75	75	66	—	—	—	—	—	—	—	—	—
	11	—	—	—	88	86	91	94	96	97	91	81	80
	12	91	93	94	92	92	92	92	92	89	87	87	82
	13	71	76	77	83	81	86	92	97	97	90	81	72
	14	81	82	82	88	92	92	90	89	83	77	69	68
	15	89	86	89	89	86	81	82	81	83	74	65	56
	16	65	66	67	71	75	80	80	80	78	74	70	71
	17	75	77	80	—	—	—	—	—	—	—	—	—
	18	—	—	—	86	88	90	90	93	66	65	64	65
	19	73	—	—	76	79	84	87	83	88	82	83	73
	20	86	90	97	96	70	81	67	67	—	—	—	—
	21	65	69	74	76	73	75	75	75	77	77	78	78
	22	68	73	73	73	79	76	76	75	77	74	72	67
	23	64	70	70	70	64	67	71	72	70	71	70	65
	24	68	67	67	—	—	—	—	—	—	—	—	—
	25	—	—	—	91	92	93	96	96	76	66	64	—
	26	52	58	64	67	69	68	69	65	73	74	61	66
	27	62	67	67	68	71	69	70	68	67	68	63	65
	28	70	72	76	81	80	82	79	78	77	74	72	71
	29	88	92	91	92	100	100	97	96	89	92	86	78
	30	61	59	59	60	62	62	66	57	63	62	62	53
	Hourly Means	72	74	76	80	80	81	81	80	80	77	72	66
Tension of the Vapour. JANUARY.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	
	1	.283	.299	.316	.386	.386	.373	.330	.265	.296	.326	.323	.310
	2	.296	.281	.297	.273	—	.260	.257	.258	.268	.284	.311	.293
	3	.253	.252	.260	—	—	—	—	—	—	—	—	—
	4	—	—	—	.345	.321	.324	.329	.341	.356	.343	.357	.368
	5	.426	.426	.413	.405	.409	.409	.405	.403	.407	.379	.380	.371
	6	.335	.335	.347	.344	.333	.328	.327	.326	.348	.351	.349	.363
	7	.437	.417	.378	.358	.319	.309	.299	.304	.330	.299	.289	.306
	8	.460	.484	.496	.499	.497	.489	.488	.477	.433	.395	.374	.362
	9	.297	.299	.299	.294	.297	.294	.296	—	.296	.310	.318	.325
	10	.404	.400	.361	—	—	—	—	—	—	—	—	—
	11	—	—	—	.482	.457	.455	.463	.458	.468	.486	.486	.500
	12	.452	.445	.456	.451	.458	.458	.458	.458	.449	.444	.474	.466
	13	.324	.335	.325	.327	.313	.323	.330	.344	.341	.363	.372	.371
	14	.379	.380	.375	.387	.392	.398	.390	.392	.366	.379	.369	.381
	15	.448	.430	.422	.388	.378	.360	.351	.336	.349	.331	.308	.310
	16	.305	.310	.312	.325	.333	.337	.331	.331	.329	.321	.323	.328
	17	.360	.347	.352	—	—	—	—	—	—	—	—	—
	18	—	—	—	.393	.394	.395	.387	.388	.269	.274	.288	.301
	19	.260	—	—	.247	.252	.269	.256	.255	.261	.252	.259	.253
	20	.286	.292	.335	.355	.323	.328	.272	.271	—	—	—	—
	21	.287	.297	.312	.327	.325	.342	.345	.348	.350	.365	.376	.382
	22	.332	.341	.341	.341	.353	.341	.341	.341	.350	.349	.350	.361
	23	.424	.417	.407	.396	.354	.365	.377	.388	.387	.395	.412	.442
	24	.359	.338	.330	—	—	—	—	—	—	—	—	—
	25	—	—	—	.436	.431	.433	.446	.446	.365	.347	.360	—
	26	.246	.258	.276	.273	.284	.278	.282	.267	.283	.306	.297	.301
	27	.317	.333	.329	.337	.352	.344	.348	.344	.352	.369	.344	.358
	28	.407	.405	.419	.433	.422	.419	.407	.405	.406	.402	.419	.421
	29	.450	.457	.445	.439	.458	.458	.444	.443	.433	.463	.476	.460
	30	.366	.327	.325	.311	.302	.289	.292	.257	.267	.273	.288	.291
Hourly Means	.354	.356	.357	.359	.366	.361	.356	.354	.350	.352	.356	.359	

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.

12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
52	50	40	40	42	39	40	46	43	49	67	67	57
73	68	58	49	48	52	52	49	62	66	61	58	68
—	—	—	—	—	—	—	—	—	—	—	—	66
58	48	43	42	46	41	38	63	73	79	84	86	76
72	70	68	56	57	61	64	62	63	70	75	74	69
59	54	43	56	57	58	60	62	62	67	65	67	55
38	36	34	32	28	59	72	70	77	76	67	73	80
87	94	70	63	65	64	63	68	50	51	56	65	64
69	60	57	49	49	48	50	43	48	64	65	75	80
—	—	—	—	—	—	—	—	—	—	—	—	81
71	66	62	64	76	72	63	78	83	85	86	85	74
79	75	76	72	72	63	71	68	68	75	77	71	76
63	56	52	53	55	61	61	57	66	76	80	81	66
62	61	50	55	52	58	73	78	79	82	83	86	70
56	55	52	53	46	44	49	51	50	51	58	63	69
66	58	76	65	60	61	62	64	69	66	73	76	66
—	—	—	—	—	—	—	—	—	—	—	—	69
64	67	60	55	56	58	50	48	50	65	73	78	71
62	66	62	51	45	43	61	67	57	67	78	88	68
71	68	71	60	58	60	49	51	51	54	59	62	67
71	63	58	58	57	47	49	39	59	67	73	75	64
63	60	54	47	49	47	49	49	50	58	62	60	65
60	61	64	67	64	64	61	50	55	54	59	66	66
—	—	—	—	—	—	—	—	—	—	—	—	58
77	75	68	68	59	52	—	59	41	42	51	53	62
58	54	48	45	45	48	46	45	51	53	56	61	69
63	57	47	50	47	48	54	54	60	60	64	69	69
65	62	59	56	50	47	46	45	61	77	81	85	70
71	53	50	40	39	38	34	34	58	47	57	57	53
48	43	44	42	42	41	38	40	45	51	52	57	68
64	61	56	53	53	53	54	55	59	64	68	71	68
In. .316	In. .308	In. .280	In. .283	In. .281	In. .284	In. .288	In. .299	In. .281	In. .268	In. .299	In. .284	In. .307
.293	.280	.260	.246	.253	.275	.266	.247	.288	.298	.259	.235	.273
—	—	—	—	—	—	—	—	—	—	—	—	369
.383	.366	.380	.383	.428	.421	.401	.438	.462	.463	.445	.449	.375
.353	.351	.370	.334	.336	.361	.358	.349	.341	.341	.347	.331	.389
.388	.407	.359	.468	.468	.459	.470	.460	.435	.456	.443	.440	.382
.331	.345	.376	.428	.424	.477	.478	.453	.481	.471	.412	.446	.392
.349	.400	.346	.331	.363	.347	.337	.347	.297	.273	.274	.293	.336
.349	.337	.352	.336	.354	.348	.375	.366	.357	.426	.396	.416	.464
—	—	—	—	—	—	—	—	—	—	—	—	.425
.500	.508	.502	.532	.527	.489	.447	.444	.445	.442	.442	.427	.359
.463	.432	.416	.419	.409	.369	.377	.381	.379	.374	.374	.329	.405
.361	.365	.349	.375	.374	.403	.397	.374	.377	.399	.398	.391	.405
.368	.381	.393	.427	.417	.420	.468	.468	.462	.446	.437	.438	.343
.316	.332	.320	.327	.317	.338	.335	.312	.307	.299	.303	.305	.343
.319	.337	.398	.349	.341	.380	.372	.367	.377	.355	.370	.371	.321
—	—	—	—	—	—	—	—	—	—	—	—	.258
.311	.334	.308	.297	.311	.309	.275	.268	.277	.288	.290	.286	.312
.235	.259	.256	.236	.232	.219	.279	.307	.249	.268	.281	.297	.347
.305	.315	.354	.312	.322	.349	.294	.316	.327	.298	.295	.283	.393
.358	.345	.349	.349	.359	.316	.336	.308	.387	.406	.395	.375	.421
.358	.357	.407	.391	.407	.450	.513	.533	.502	.490	.464	.425	.395
.428	.430	.459	.469	.459	.479	.493	.477	.456	.424	.393	.372	.297
—	—	—	—	—	—	—	—	—	—	—	—	.356
.437	.475	.474	.497	.482	.442	—	.443	.317	.279	.283	.270	.432
.303	.305	.324	.309	.308	.311	.310	.313	.323	.325	.316	.319	.416
.353	.342	.317	.336	.336	.353	.385	.391	.411	.391	.392	.401	.296
.431	.415	.417	.431	.442	.456	.452	.474	.488	.481	.476	.445	—
.451	.390	.383	.342	.349	.345	.333	.340	.516	.361	.381	.360	—
.281	.273	.297	.302	.307	.317	.296	.290	.296	.295	.281	.285	—
.359	.361	.363	.366	.369	.374	.373	.376	.378	.369	.363	.357	.362

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
Humidity of the Air. JAN. 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 FEBRUARY.	62	64	69	—	—	—	—	—	—	—	—	—	
	—	—	—	77	67	60	64	64	62	68	62	61	
	80	88	91	93	—	94	98	99	100	98	98	99	
	79	80	80	82	81	86	85	94	96	97	79	72	
	73	76	77	77	80	81	89	89	93	88	82	73	
	68	67	61	66	72	72	77	79	76	75	72	69	
	62	64	64	66	—	—	79	79	85	91	94	91	89
	75	79	82	—	—	—	—	—	—	—	—	—	—
	—	—	—	81	87	86	84	88	88	86	82	81	70
	74	80	84	88	74	77	74	75	80	81	83	79	79
	100	94	90	82	—	—	—	—	—	—	79	73	88
	78	81	79	86	—	92	93	94	87	82	76	73	73
	82	80	77	77	73	77	74	74	75	70	71	72	72
	74	73	72	72	77	78	76	79	77	82	74	72	72
	77	79	81	—	—	—	—	—	—	—	—	—	—
	—	—	—	87	81	79	76	76	74	75	70	65	65
	71	74	61	61	71	71	71	75	—	76	75	73	73
	65	70	69	75	78	78	78	79	80	71	69	62	62
	84	84	88	86	86	89	94	92	98	96	94	93	93
	88	87	92	93	92	96	95	92	91	86	81	76	76
	63	63	65	64	—	—	—	72	74	78	72	66	66
	74	78	74	—	—	—	—	—	—	—	—	—	—
	—	—	—	70	66	67	70	75	75	75	75	64	64
	64	69	72	69	72	72	74	74	74	74	77	72	66
	80	75	71	72	—	69	67	67	66	65	63	61	61
	58	60	60	63	62	63	65	65	67	67	66	57	57
	74	83	89	84	82	82	77	76	77	77	72	66	66
61	63	69	69	72	74	75	75	72	71	72	69	69	
Hourly Means	73	76	76	77	76	78	79	80	81	79	76	73	
Tension of the Vapour. JAN. 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 FEBRUARY.	In. .294	In. .296	In. .307	In. —	In. .369	In. .350	In. .357	In. .358	In. .349	In. .381	In. .365	In. .392	
	—	—	—	.402	—	.389	.577	.589	.621	.616	.625	.636	
	.596	.617	.618	.616	—	.353	.354	.370	.380	.383	.356	.340	
	.356	.355	.347	.346	.336	.317	.342	.347	.355	.357	.354	.367	
	.287	.293	.304	.304	.307	.317	.402	.421	.417	.417	.419	.451	
	.370	.367	.340	.364	.367	.376	.402	.421	.417	.417	.419	.451	
	.416	.422	.419	.423	—	.451	.443	.456	.470	.475	.470	.462	
	.298	.305	.309	.316	—	—	—	—	—	—	—	—	
	—	—	—	—	.318	.315	.315	.331	.326	.319	.333	.338	
	.356	.351	.350	.370	.331	.339	.331	.327	.343	.340	.361	.356	
	.297	.281	.276	.249	—	—	—	—	—	.237	.231	.268	
	.271	.272	.273	.297	—	.326	.329	.333	.324	.323	.309	.314	
	.372	.358	.332	.315	.276	.279	.263	.259	.268	.245	.258	.288	
	.256	.247	.241	.241	.246	.245	.237	.236	.238	.255	.270	.276	
	.278	.280	.283	—	—	—	—	—	—	—	—	—	
	—	—	—	.320	.305	.304	.300	.299	.286	.292	.313	.315	
	.312	.327	.374	.373	.309	.309	.312	.320	—	.332	.345	.370	
	.280	.286	.270	.277	.285	.277	.275	.269	.255	.251	.262	.252	
	.307	.304	.302	.293	.277	.278	.275	.272	.292	.293	.299	.333	
	.416	.400	.411	.410	.400	.399	.390	.381	.389	.385	.372	.376	
	.335	.300	.288	.272	—	—	.290	.290	.292	.274	.274	.305	
	.384	.382	.362	—	—	—	—	—	—	—	—	—	
	—	—	—	.308	.293	.293	.294	.299	.296	.295	.329	.321	
	.256	.263	.268	.260	.266	.266	.269	.271	.271	.281	.282	.301	
	.341	.321	.299	.235	—	.294	.286	.287	.278	.281	.283	.297	
	.316	.320	.312	.321	.316	.318	.337	.337	.342	.343	.350	.355	
	.242	.263	.267	.259	.253	.253	.240	.235	.240	.246	.259	.268	
.246	.250	.267	.257	.259	.259	.264	.267	.256	.261	.266	.274		
Hourly Means	.328	.328	.326	.326	.306	.327	.325	.328	.331	.329	.333	.343	

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
—	—	—	—	—	—	—	—	—	—	—	—	} 60
59	52	50	51	42	42	45	50	63	60	67	76	
98	98	96	96	87	90	90	91	87	69	72	77	} 91
65	64	76	77	88	72	74	82	76	74	71	73	
75	69	70	66	61	59	53	57	53	58	62	65	} 72
58	46	45	44	51	50	53	48	57	55	56	62	
94	98	96	96	97	88	82	72	64	68	75	73	} 81
—	—	—	—	—	—	—	—	—	—	—	—	
63	63	58	61	56	54	52	59	62	56	63	68	} 71
77	73	73	64	68	70	73	78	87	94	100	100	
76	81	79	75	73	71	72	70	74	75	76	80	} 79
75	71	75	69	65	69	68	69	73	77	77	82	
66	61	58	59	54	50	61	58	61	70	75	76	} 69
66	63	60	59	60	58	57	66	64	67	73	75	
—	—	—	—	—	—	—	—	—	—	—	—	} 67
62	57	55	52	50	48	54	54	64	66	68	68	
66	57	53	50	49	47	54	41	54	58	63	67	} 63
47	48	52	53	63	58	68	62	64	74	81	76	
77	71	62	65	—	68	69	71	77	78	84	92	} 83
67	64	66	51	51	49	60	61	56	57	46	53	
62	65	68	69	45	49	47	52	57	41	64	68	} 62
—	—	—	—	—	—	—	—	—	—	—	—	
58	51	43	46	40	48	41	52	48	55	58	58	} 61
52	51	51	48	47	49	49	52	59	78	81	80	
60	63	58	57	52	50	47	46	48	54	56	62	} 61
64	43	54	49	50	46	77	70	60	70	67	71	
62	54	51	49	46	48	41	41	43	50	54	54	} 64
70	64	59	54	53	47	50	54	54	60	66	68	
67	64	63	61	59	58	59	61	63	65	69	72	70
In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
—	—	—	—	—	—	—	—	—	—	—	—	} .433
.393	.422	.447	.502	.566	.533	.523	.535	.557	.547	.559	.585	
.634	.638	.633	.627	.555	.565	.565	.580	.574	.373	.357	.361	} .572
.322	.354	.355	.350	.378	.329	.354	.363	.325	.307	.288	.293	
.386	.389	.405	.409	.404	.426	.403	.385	.365	.368	.360	.362	} .358
.447	.395	.401	.396	.421	.425	.438	.414	.451	.414	.403	.432	
.475	.451	.434	.431	.450	.393	.424	.407	.354	.331	.333	.306	} .422
—	—	—	—	—	—	—	—	—	—	—	—	
.333	.358	.358	.390	.370	.390	.405	.431	.414	.371	.359	.355	} .348
.388	.415	.454	.446	.484	.481	.486	.484	.481	.496	.338	.290	
.247	.267	.267	.273	.271	.263	.271	.255	.269	.265	.262	.270	} .264
.327	.319	.346	.361	.355	.373	.362	.361	.371	.365	.362	.372	
.277	.278	.263	.283	.275	.252	.316	.349	.303	.299	.298	.280	} .291
.272	.266	.273	.288	.300	.298	.288	.328	.313	.302	.298	.284	
—	—	—	—	—	—	—	—	—	—	—	—	} .321
.331	.324	.342	.345	.348	.345	.365	.353	.362	.351	.343	.323	
.378	.369	.368	.348	.349	.335	.381	.293	.292	.292	.289	.299	} .334
.308	.238	.276	.292	.333	.314	.357	.318	.319	.327	.336	.302	
.28	.334	.341	.374	—	.421	.409	.420	.417	.393	.416	.439	} .339
.372	.370	.403	.374	.403	.388	.472	.482	.446	.416	.300	.312	
.306	.337	.373	.419	.329	.330	.342	.340	.354	.235	.362	.373	} .319
—	—	—	—	—	—	—	—	—	—	—	—	
.328	.321	.389	.309	.381	.327	.289	.302	.281	.273	.261	.244	} .315
.275	.275	.287	.277	.300	.293	.323	.325	.340	.371	.375	.346	
.310	.331	.342	.351	.342	.354	.343	.317	.329	.342	.324	.342	} .327
.375	.253	.310	.267	.266	.222	.335	.302	.249	.258	.239	.243	
.267	.261	.257	.269	.271	.276	.253	.262	.251	.248	.240	.238	} .255
.299	.313	.334	.329	.358	.337	.348	.350	.329	.348	.356	.359	
.345	.345	.361	.363	.369	.361	.377	.373	.364	.346	.336	.334	.342

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
Humidity of the Air. MARCH.	Feb. 28	69	76	73	—	—	—	—	—	—	—	—	
	1	—	—	—	72	74	76	77	81	86	85	82	73
	2	65	65	66	68	71	73	74	76	—	84	78	71
	3	87	86	84	85	70	65	64	59	57	55	51	52
	4	88	91	95	91	93	94	94	94	92	90	84	74
	5	33	52	60	61	56	63	67	67	67	63	63	60
	6	64	72	69	70	73	71	71	73	69	70	66	59
	7	67	67	68	—	—	—	—	—	—	—	—	—
	8	—	—	—	70	70	73	72	69	69	69	67	64
	9	84	86	85	87	89	93	92	86	85	83	86	79
	10	79	80	86	85	—	89	88	84	80	83	81	79
	11	81	81	79	82	81	78	80	81	87	88	83	75
	12	72	72	81	83	88	86	88	89	86	83	86	82
	13	68	70	71	72	68	68	67	67	79	79	67	69
	14	64	59	63	—	—	—	—	—	—	—	—	—
	15	—	—	—	88	91	88	94	92	—	95	92	86
	16	82	86	86	89	86	85	91	91	90	90	93	82
	17	83	77	78	82	83	84	85	87	88	89	92	83
	18	85	85	83	83	87	89	91	89	90	79	84	92
	19	100	100	100	100	100	100	100	100	100	100	100	91
	20	91	88	86	85	88	94	94	91	97	94	96	92
	21	69	69	71	—	—	—	—	—	—	—	—	—
	22	—	—	—	83	75	80	82	84	84	82	85	81
	23	71	80	76	76	71	71	71	70	72	72	72	65
	24	69	70	69	67	69	72	70	70	70	68	66	66
	25	85	85	83	86	83	85	88	86	86	94	94	100
	26	100	100	100	100	100	100	100	100	100	100	100	92
	27	76	78	73	72	69	69	71	77	—	80	80	81
	28	76	78	80	—	—	—	—	—	—	—	—	—
	29	—	—	—	79	79	77	76	77	77	78	80	78
	30	84	81	73	80	78	82	83	83	87	88	88	81
31	79	82	82	89	81	79	78	76	73	79	83	75	
Hourly Means	77	78	78	81	79	81	82	81	82	82	81	77	
Tension of the Vapour. MARCH.	Feb. 28	In. .363	In. .376	In. .361	—	—	—	—	—	—	—	—	
	1	—	—	—	.314	.316	.315	.314	.318	.336	.330	.323	.313
	2	.307	.300	.298	.299	.301	.301	.300	.289	—	.294	.314	.327
	3	.400	.387	.381	.384	.357	.339	.334	.324	.321	.324	.334	.370
	4	.416	.408	.416	.412	.423	.428	.430	.423	.421	.418	.425	.438
	5	.372	.356	.384	.381	.334	.381	.339	.332	.318	.305	.308	.301
	6	.249	.265	.241	.242	.245	.234	.232	.239	.230	.234	.255	.260
	7	.321	.321	.330	—	—	—	—	—	—	—	—	—
	8	—	—	—	.351	.348	.356	.348	.343	.338	.336	.354	.360
	9	.410	.408	.400	.401	.395	.403	.405	.343	.336	.325	.355	.355
	10	.320	.294	.307	.306	—	.303	.295	.282	.258	.265	.275	.280
	11	.310	.313	.310	.310	.294	.269	.264	.257	.262	.258	.272	.278
	12	.281	.267	.281	.280	.290	.285	.279	.273	.265	.260	.285	.310
	13	.414	.411	.391	.381	.358	.351	.328	.321	.347	.347	.328	.379
	14	.331	.295	.291	—	—	—	—	—	—	—	—	—
	15	—	—	—	.320	.320	.311	.320	.308	—	.316	.328	.335
	16	.363	.358	.352	.366	.358	.353	.369	.378	.369	.366	.394	.400
	17	.449	.424	.427	.434	.437	.437	.431	.447	.450	.445	.466	.456
	18	.528	.528	.509	.509	.525	.530	.540	.542	.536	.458	.412	.428
	19	.423	.430	.439	.446	.450	.450	.462	.462	.481	.496	.536	.522
	20	.544	.535	.526	.520	.535	.503	.448	.402	.415	.397	.405	.405
	21	.319	.313	.309	—	—	—	—	—	—	—	—	—
	22	—	—	—	.335	.297	.310	.315	.315	.315	.312	.320	.310
	23	.254	.275	.261	.260	.247	.247	.257	.255	.271	.271	.277	.297
	24	.232	.232	.227	.227	.227	.237	.234	.234	.234	.231	.226	.238
	25	.295	.290	.286	.291	.280	.288	.298	.293	.293	.317	.317	.330
	26	.378	.378	.369	.369	.366	.358	.361	.366	.369	.369	.381	.395
	27	.333	.315	.284	.269	.249	.244	.249	.257	—	.263	.268	.277
	28	.228	.231	.225	—	—	—	—	—	—	—	—	—
	29	—	—	—	.241	.241	.240	.244	.254	.263	.269	.278	.282
	30	.315	.297	.259	.275	.255	.255	.257	.250	.260	.265	.267	.271
31	.217	.222	.222	.227	.218	.215	.215	.210	.205	.221	.230	.221	
Hourly Means	.347	.342	.336	.339	.333	.331	.328	.324	.329	.322	.331	.338	

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
Humidity of the Air. APRIL.	1	84	81	85	86	86	89	90	92	82	86	89	84
	2	88	88	94	92	94	92	94	94	92	91	86	84
	3	95	95	97	97	95	94	92	95	95	96	94	86
	4	92	92	97	—	—	—	—	—	—	—	—	—
	5	—	—	—	74	72	73	75	64	68	72	65	65
	6	65	68	71	75	75	75	75	74	70	71	73	62
	7	71	73	74	76	75	79	81	80	84	84	85	82
	8	94	93	79	75	77	79	81	84	—	85	85	87
	9	83	86	88	—	—	—	—	—	—	—	—	—
	10	—	—	—	57	52	50	62	75	81	100	93	94
	11	84	89	82	—	—	—	—	—	—	—	—	—
	12	—	—	—	79	77	76	76	79	78	78	76	75
	13	88	84	84	83	76	77	74	74	78	82	83	85
	14	66	63	70	70	73	77	77	77	81	82	78	75
	15	84	84	85	80	79	80	82	83	—	88	87	84
	16	76	76	71	70	68	69	73	67	79	78	78	78
	17	70	74	67	65	65	65	66	70	—	74	73	77
	18	100	92	94	—	—	—	—	—	—	—	—	—
	19	—	—	—	90	94	93	80	90	93	83	73	78
	20	83	83	79	81	81	80	81	81	83	85	90	85
	21	96	98	96	94	96	91	93	93	93	91	97	91
	22	91	96	98	100	100	100	100	98	96	94	96	94
	23	94	96	100	98	98	98	100	96	100	100	96	94
	24	98	100	100	98	98	98	100	100	100	100	100	100
	25	86	88	92	—	—	—	—	—	—	—	—	—
	26	—	—	—	100	100	100	100	100	100	100	100	100
	27	100	100	100	100	100	100	100	100	100	100	100	100
	28	90	97	91	88	89	85	83	84	—	77	69	68
	29	75	79	77	79	85	88	88	80	—	81	81	84
	30	69	75	77	77	80	80	80	84	84	86	89	85
Hourly Means	85	86	86	83	83	83	84	85	87	87	87	84	
Tension of the Vapour. APRIL.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	
	1	.315	.288	.293	.298	.298	.303	.306	.315	.296	.298	.309	.304
	2	.322	.322	.342	.330	.336	.328	.328	.328	.319	.315	.301	.302
	3	.335	.335	.336	.336	.327	.325	.322	.322	.311	.314	.322	.315
	4	.395	.392	.408	—	—	—	—	—	—	—	—	—
	5	—	—	—	.275	.288	.281	.286	.257	.268	.279	.263	.280
	6	.292	.302	.312	.329	.335	.338	.338	.336	.316	.324	.333	.320
	7	.315	.315	.317	.318	.309	.310	.308	.296	.310	.310	.315	.328
	8	.383	.377	.304	.297	.302	.304	310	.315	—	.317	.317	.341
	9	.335	.338	.328	—	—	—	—	—	—	—	—	—
	10	—	—	—	.281	.267	.261	.300	.337	.355	.396	.353	.362
	11	.230	.233	.224	—	—	—	—	—	—	—	—	—
	12	—	—	—	.317	.344	.342	.342	.344	.341	.338	.339	.345
	13	.417	.403	.413	.407	.372	.368	.343	.334	.337	.339	.338	.350
	14	.333	.320	.329	.329	.370	.395	.402	.406	.433	.458	.452	.436
	15	.282	.271	.274	.257	.255	.254	.253	.252	—	.265	.272	.274
	16	.264	.259	.246	.244	.237	.234	.249	.231	.275	.277	.282	.293
	17	.322	.327	.311	.303	.306	.312	.318	.322	—	.330	.330	.350
	18	.410	.398	.400	—	—	—	—	—	—	—	—	—
	19	—	—	—	.276	.277	.275	.245	.268	.266	.234	.209	.221
	20	.230	.228	.219	.226	.226	.225	.232	.232	.239	.246	.259	.279
	21	.300	.292	.276	.268	.273	.250	.248	.246	.250	.245	.258	.272
	22	.289	.278	.278	.295	.297	.302	.305	.299	.300	.292	.292	.311
	23	.333	.322	.332	.332	.318	.311	.308	.292	.295	.297	.292	.297
	24	.340	.355	.355	.328	.329	.316	.308	.300	.291	.285	.288	.288
	25	.381	.381	.389	—	—	—	—	—	—	—	—	—
	26	—	—	—	.375	.364	.352	.343	.341	.335	.330	.324	.338
	27	.410	.404	.404	.393	.400	.381	.381	.381	.378	.372	.369	.375
	28	.343	.359	.340	.322	.314	.295	.280	.274	—	.242	.215	.213
	29	.226	.232	.231	.232	.251	.260	.260	.260	—	.274	.283	.299
30	.232	.244	.252	.252	.260	.262	.264	.274	.276	.285	.293	.293	
Hourly Means	.321	.319	.317	.305	.306	.303	.303	.303	.309	.307	.304	.311	

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
73	86	74	78	70	—	70	76	73	82	85	86	82
81	74	71	64	68	75	66	79	83	86	85	92	84
84	82	75	70	67	67	66	69	73	77	82	89	85
—	—	—	—	—	—	—	—	—	—	—	—	69
69	64	64	66	65	56	56	58	62	64	67	65	67
63	58	63	56	57	58	57	63	65	67	70	71	78
75	70	66	59	63	63	79	87	87	86	93	94	77
82	75	69	66	62	61	62	66	75	73	78	82	76
—	—	—	—	—	—	—	—	—	—	—	—	75
83	73	70	70	66	72	71	77	85	83	79	79	71
—	—	—	—	—	—	—	—	—	—	—	—	64
70	67	64	64	63	66	62	63	70	78	88	91	75
79	67	66	60	54	52	54	52	48	55	61	67	67
49	50	56	48	49	48	55	51	51	64	63	72	64
95	71	71	59	61	58	56	60	63	73	74	79	75
75	74	67	55	57	56	58	61	64	66	69	71	69
74	69	64	64	59	62	62	78	87	91	91	97	72
—	—	—	—	—	—	—	—	—	—	—	—	79
75	69	69	70	66	60	61	69	68	75	70	76	85
81	84	84	78	86	86	90	88	88	92	96	96	87
81	81	75	74	76	72	72	78	85	86	86	90	90
89	82	76	74	68	67	—	84	91	93	91	93	89
94	86	83	74	70	66	66	74	80	86	88	92	97
100	100	100	93	89	97	94	96	94	92	89	89	95
—	—	—	—	—	—	—	—	—	—	—	—	97
100	100	99	88	93	89	91	89	96	98	100	100	78
100	92	92	97	97	97	98	97	91	90	90	91	77
67	75	70	70	64	71	81	77	81	75	70	79	77
84	86	90	87	74	67	62	64	66	68	69	68	84
86	83	81	79	76	81	77	89	100	100	100	100	80
80	77	74	71	69	69	69	74	77	80	81	84	80
In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
.292	.338	.315	.314	.298	—	.295	.305	.292	.312	.317	.320	.305
.308	.303	.309	.300	.317	.356	.321	.352	.341	.329	.315	.336	.323
.327	.339	.332	.349	.245	.352	.359	.363	.364	.368	.378	.392	.340
—	—	—	—	—	—	—	—	—	—	—	—	.304
.296	.300	.309	.324	.335	.298	.289	.288	.285	.292	.300	.289	.327
.344	.331	.346	.326	.335	.345	.325	.330	.321	.317	.322	.321	.340
.341	.345	.358	.351	.353	.343	.385	.413	.397	.384	.365	.380	.328
.345	.335	.319	.331	.335	.328	.328	.327	.341	.321	.334	.336	.302
—	—	—	—	—	—	—	—	—	—	—	—	.352
.334	.306	.288	.288	.278	.283	.269	.281	.280	.256	.240	.235	.359
—	—	—	—	—	—	—	—	—	—	—	—	.343
.347	.353	.355	.370	.390	.399	.401	.389	.416	.428	.436	.425	.265
.364	.362	.380	.379	.362	.354	.362	.340	.296	.318	.337	.339	.297
.353	.376	.382	.320	.294	.274	.282	.255	.240	.262	.253	.271	.366
.290	.265	.273	.239	.266	.258	.253	.263	.258	.278	.275	.275	.253
.306	.327	.344	.330	.351	.341	.352	.353	.346	.331	.325	.330	.281
.372	.385	.397	.404	.393	.403	.396	.435	.447	.436	.425	.402	.283
—	—	—	—	—	—	—	—	—	—	—	—	.321
.221	.214	.214	.229	.226	.209	.214	.223	.207	.219	.204	.220	.322
.274	.293	.327	.325	.355	.355	.360	.351	.331	.315	.314	.311	.344
.277	.293	.292	.306	.315	.304	.301	.314	.315	.304	.293	.299	.381
.331	.336	.341	.356	.353	.365	—	.363	.360	.359	.349	.342	.378
.317	.309	.339	.342	.342	.338	.331	.330	.339	.340	.334	.328	.272
.300	.319	.346	.365	.363	.391	.394	.415	.403	.392	.386	.386	.269
—	—	—	—	—	—	—	—	—	—	—	—	.314
.358	.396	.423	.403	.417	.441	.428	.412	.412	.401	.404	.407	.318
.381	.421	.389	.382	.382	.376	.375	.350	.337	.340	.340	.343	.317
.219	.255	.250	.255	.239	.266	.298	.279	.282	.254	.226	.236	.314
.315	.332	.357	.358	.307	.271	.243	.242	.242	.237	.237	.231	.314
.318	.335	.345	.352	.364	.381	.380	.372	.387	.375	.369	.364	.318
.317	.327	.333	.332	.333	.335	.331	.334	.329	.327	.323	.325	.318

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.													
Hours of Mean Gottingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
Humidity of the Air. MAY.	1	100	100	100	100	100	100	98	98	100	100	100	98
	2	85	88	93	—	—	—	—	—	—	—	—	—
	3	—	—	—	97	95	90	90	91	91	90	90	86
	4	77	78	80	81	—	—	—	—	—	97	88	81
	5	90	90	86	67	81	69	71	83	87	76	76	89
	6	79	83	85	86	85	83	83	84	88	87	91	92
	7	85	88	87	84	85	85	80	82	81	81	83	82
	8	52	55	56	59	69	72	69	71	69	69	62	63
	9	80	79	86	—	—	—	—	—	—	—	—	—
	10	—	—	—	72	68	72	72	72	71	69	67	67
	11	61	60	71	75	77	78	78	79	80	78	81	81
	12	83	84	80	80	—	—	78	81	74	73	70	74
	13	74	87	86	85	84	81	77	80	79	77	80	76
	14	81	82	87	89	87	85	84	85	—	80	78	75
	15	76	77	82	79	90	93	96	85	82	80	79	76
	16	73	71	70	—	—	—	—	—	—	—	—	—
	17	—	—	—	90	91	91	—	91	91	93	87	84
	18	88	81	81	78	76	76	75	79	79	80	82	84
	19	82	83	83	89	96	93	94	96	96	96	96	96
	20	84	88	87	89	87	81	78	76	—	88	86	85
	21	74	80	79	79	72	67	65	61	79	90	85	70
	22	87	88	90	93	100	83	86	90	88	91	93	85
	23	81	84	88	—	—	—	—	—	—	—	—	—
	24	—	—	—	76	80	83	78	81	84	83	89	93
	25	84	91	90	91	85	91	93	94	—	97	97	100
	26	100	100	100	100	98	100	100	100	100	100	100	100
	27	80	76	77	80	79	80	84	82	75	80	77	77
	28	80	86	90	93	93	93	90	91	88	91	96	93
	29	74	75	76	78	76	78	78	78	78	82	76	79
	30	94	100	94	—	—	—	—	—	—	—	—	—
	31	—	—	—	93	93	90	98	89	89	90	93	92
Hourly Means	81	83	84	84	85	84	83	84	84	85	85	84	
Tension of the Vapour. MAY.	1	In. .364	In. .364	In. .364	In. .355	In. .352	In. .343	In. .327	In. .327	In. .324	In. .314	In. .305	In. .311
	2	.336	.343	.348	—	—	—	—	—	—	—	—	—
	3	—	—	—	.325	.313	.301	.296	.287	.282	.280	.280	.288
	4	.239	.231	.226	.227	.213	.189	.185	.207	.206	.185	.189	.213
	5	.239	.243	.236	.192	.213	.189	.185	.207	.206	.185	.189	.213
	6	.232	.237	.251	.253	.255	.257	.262	.269	.279	.276	.292	.306
	7	.277	.279	.274	.271	.270	.272	.266	.272	.277	.285	.291	.304
	8	.189	.198	.192	.194	.218	.228	.216	.217	.211	.211	.198	.212
	9	.339	.343	.384	—	—	—	—	—	—	—	—	—
	10	—	—	—	.307	.293	.304	.301	.304	.301	.296	.285	.294
	11	.257	.242	.276	.284	.291	.291	.285	.283	.285	.282	.290	.299
	12	.277	.274	.260	.252	—	.241	.227	.228	.211	.205	.200	.224
	13	.337	.356	.330	.321	.303	.282	.262	.259	.256	.241	.237	.243
	14	.224	.224	.230	.237	.230	.225	.225	.229	—	.225	.231	.236
	15	.240	.241	.247	.253	.285	.290	.290	.265	.256	.253	.249	.247
	16	.252	.245	.237	—	—	—	—	—	—	—	—	—
	17	—	—	—	.239	.241	.239	—	.225	.225	.226	.220	.223
	18	.237	.223	.215	.202	.200	.198	.193	.206	.203	.207	.209	.222
	19	.212	.207	.203	.209	.217	.210	.205	.206	.202	.202	.202	.213
	20	.231	.236	.234	.233	.230	.224	.219	.218	—	.242	.239	.251
	21	.224	.238	.236	.241	.228	.220	.219	.211	.241	.259	.251	.226
	22	.257	.260	.263	.268	.295	.237	.242	.243	.236	.245	.259	.255
	23	.218	.223	.238	—	—	—	—	—	—	—	—	—
	24	—	—	—	.229	.234	.239	.221	.216	.215	.207	.217	.230
	25	.269	.280	.273	.272	.246	.261	.266	.266	—	.269	.267	.269
	26	.265	.260	.260	.254	.233	.265	.265	.265	.267	.269	.278	.285
	27	.257	.250	.248	.247	.251	.261	.268	.266	.255	.273	.273	.284
	28	.297	.310	.309	.301	.295	.290	.282	.287	.284	.289	.292	.295
	29	.208	.207	.215	.214	.223	.228	.226	.228	.231	.242	.225	.237
	30	.275	.291	.277	—	—	—	—	—	—	—	—	—
	31	—	—	—	.273	.273	.273	.292	.290	.287	.293	.290	.306
Hourly Means	.260	.262	.263	.256	.258	.255	.252	.251	.252	.251	.250	.253	

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.

12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
92	91	85	76	74	68	67	76	80	82	86	86	90
—	—	—	—	—	—	—	—	—	—	—	—	86
88	88	86	81	72	76	79	81	81	81	78	79	86
71	70	67	71	73	71	68	79	83	84	84	88	78
81	82	69	73	83	76	73	76	83	69	81	83	79
89	86	97	97	87	83	70	75	73	84	84	84	85
74	74	76	81	81	67	53	49	43	43	41	49	72
61	54	50	49	47	46	51	63	66	73	81	83	62
—	—	—	—	—	—	—	—	—	—	—	—	66
66	59	58	57	57	55	56	57	62	56	58	60	73
74	71	66	66	59	66	69	71	75	80	81	81	76
69	76	80	70	68	80	75	67	72	81	73	74	78
71	71	88	83	80	75	70	71	75	75	73	78	77
70	70	70	70	73	73	72	73	73	68	75	79	75
70	68	67	67	69	63	60	65	70	67	65	75	82
—	—	—	—	—	—	—	—	—	—	—	—	80
75	69	90	83	71	70	75	85	87	86	84	89	84
96	76	74	80	69	73	77	83	83	83	86	82	80
89	84	79	69	69	70	69	67	72	78	81	83	84
70	67	74	67	66	64	61	58	70	75	77	79	76
73	79	82	75	73	73	73	74	79	80	82	88	76
80	70	72	69	65	64	78	83	74	80	79	78	82
—	—	—	—	—	—	—	—	—	—	—	—	83
88	80	81	74	77	80	80	83	88	90	90	91	92
100	100	95	89	82	80	87	91	94	96	94	97	94
100	100	100	91	88	97	77	80	73	80	83	80	71
68	61	57	56	52	54	66	66	56	72	75	73	84
90	92	85	80	74	70	68	71	72	71	78	80	77
70	78	78	73	71	75	69	68	77	76	88	96	86
—	—	—	—	—	—	—	—	—	—	—	—	86
85	82	78	75	69	69	70	82	83	82	82	85	79
79	77	77	74	71	71	70	73	75	77	78	81	79
In. .319	In. .337	In. .344	In. .332	In. .339	In. .329	In. .320	In. .341	In. .345	In. .336	In. .343	In. .336	In. .336
—	—	—	—	—	—	—	—	—	—	—	—	301
.300	.303	.309	.308	.302	.324	.308	.303	.291	.278	.262	.253	.223
.213	.228	.214	.211	.216	.218	.213	.235	.235	.236	.232	.237	.214
.208	.222	.205	.217	.228	.220	.219	.220	.230	.201	.228	.230	.288
.312	.320	.364	.373	.341	.333	.286	.297	.275	.293	.285	.274	.270
.303	.306	.323	.354	.364	.326	.258	.218	.182	.170	.158	.181	.229
.219	.213	.213	.214	.209	.210	.226	.271	.276	.307	.325	.341	.296
—	—	—	—	—	—	—	—	—	—	—	—	.290
.291	.273	.282	.276	.282	.283	.292	.285	.289	.265	.267	.263	.274
.303	.309	.309	.324	.284	.299	.310	.307	.300	.296	.288	.274	.274
.232	.249	.294	.296	.300	.334	.336	.327	.337	.340	.325	.331	.268
.243	.249	.277	.278	.286	.276	.245	.245	.236	.227	.214	.222	.240
.240	.235	.247	.247	.257	.263	.266	.263	.250	.238	.245	.249	.256
.250	.262	.264	.267	.285	.254	.241	.242	.247	.235	.225	.253	.241
—	—	—	—	—	—	—	—	—	—	—	—	.223
.222	.225	.252	.253	.253	.251	.257	.273	.263	.249	.236	.238	.218
.233	.228	.236	.247	.217	.252	.257	.252	.237	.228	.233	.220	.242
.219	.229	.244	.226	.224	.230	.231	.221	.229	.230	.230	.228	.240
.246	.244	.271	.274	.289	.273	.248	.211	.240	.242	.240	.241	.240
.241	.250	.267	.254	.251	.245	.237	.237	.241	.243	.246	.256	.254
.262	.254	.262	.267	.257	.247	.280	.280	.233	.238	.232	.223	.251
—	—	—	—	—	—	—	—	—	—	—	—	.287
.247	.254	.274	.268	.283	.291	.285	.283	.290	.296	.290	.287	.287
.272	.288	.313	.325	.325	.336	.332	.328	.320	.290	.268	.258	.285
.293	.311	.343	.337	.348	.367	.321	.300	.260	.270	.275	.261	.265
.272	.257	.258	.255	.243	.253	.293	.281	.253	.288	.290	.282	.281
.296	.306	.316	.308	.295	.287	.264	.245	.229	.215	.222	.226	.245
.228	.260	.281	.279	.279	.285	.268	.249	.262	.244	.267	.286	.307
—	—	—	—	—	—	—	—	—	—	—	—	.263
.315	.325	.334	.335	.338	.340	.325	.354	.335	.322	.312	.317	.263
.261	.267	.281	.282	.281	.282	.274	.272	.265	.261	.259	.260	.263

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.

12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
86	81	70	69	65	66	67	81	86	91	93	94	86
85	80	76	76	74	75	77	84	81	82	88	90	87
71	73	70	65	66	66	58	62	64	64	64	64	71
69	79	73	79	66	67	54	57	69	75	74	80	73
75	78	72	63	71	74	72	71	72	73	75	77	76
—	—	—	—	—	—	—	—	—	—	—	—	—
90	85	80	71	67	71	70	75	82	82	87	94	85
91	86	87	82	81	86	88	89	91	95	96	100	92
100	100	100	100	100	100	100	100	100	95	95	94	99
100	100	100	95	91	82	89	92	92	94	96	93	96
100	99	94	91	87	85	85	88	93	96	100	100	96
96	94	93	87	85	86	82	89	93	94	94	96	95
—	—	—	—	—	—	—	—	—	—	—	—	—
93	86	85	82	74	75	77	74	80	84	83	90	86
100	98	94	88	85	88	85	86	91	93	93	93	93
100	96	86	85	85	81	81	71	69	82	78	80	90
87	82	82	86	77	73	74	81	81	81	86	85	81
79	75	80	66	65	65	72	74	82	97	98	96	84
100	100	100	100	100	100	100	100	98	94	98	88	98
—	—	—	—	—	—	—	—	—	—	—	—	—
100	100	100	98	98	96	100	100	100	100	100	100	99
100	100	96	94	89	88	92	96	96	100	100	100	98
100	96	88	85	82	82	85	92	91	98	90	93	94
84	73	74	72	69	69	69	71	67	73	75	75	83
85	86	90	86	77	68	70	73	77	65	72	82	78
65	53	57	67	66	68	69	74	79	81	81	81	74
—	—	—	—	—	—	—	—	—	—	—	—	—
92	89	86	86	73	73	72	78	78	80	78	78	86
85	83	83	77	77	69	66	74	72	67	75	76	79
83	83	78	69	75	64	57	69	68	67	72	74	75
89	87	84	81	79	78	77	81	83	85	86	87	87
In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
.323	.333	.319	.325	.312	.312	.308	.328	.315	.312	.301	.292	.314
.268	.269	.267	.273	.278	.292	.291	.304	.283	.269	.282	.278	.276
.251	.278	.289	.295	.306	.310	.283	.293	.293	.290	.290	.290	.271
.217	.251	.248	.252	.207	.221	.170	.162	.185	.192	.188	.198	.239
.237	.257	.265	.238	.256	.275	.270	.248	.232	.230	.230	.238	.228
—	—	—	—	—	—	—	—	—	—	—	—	—
.245	.249	.254	.244	.236	.244	.240	.242	.241	.224	.226	.230	.245
.247	.253	.260	.272	.293	.320	.325	.314	.315	.313	.319	.324	.265
.338	.343	.349	.349	.358	.335	.343	.341	.341	.319	.319	.306	.331
.288	.302	.324	.322	.326	.312	.309	.308	.295	.289	.286	.262	.288
.224	.235	.246	.256	.260	.258	.255	.242	.230	.221	.218	.216	.234
.200	.210	.230	.234	.229	.244	.226	.231	.226	.226	.216	.221	.213
—	—	—	—	—	—	—	—	—	—	—	—	—
.268	.285	.290	.301	.294	.297	.291	.275	.278	.271	.259	.254	.262
.226	.233	.246	.245	.251	.258	.251	.239	.239	.238	.246	.238	.237
.256	.286	.296	.317	.315	.319	.288	.256	.230	.244	.230	.225	.257
.257	.255	.263	.288	.302	.295	.297	.302	.294	.293	.298	.295	.260
.316	.349	.342	.303	.300	.295	.310	.309	.325	.359	.327	.311	.318
.255	.293	.295	.295	.295	.295	.295	.295	.285	.275	.292	.270	.288
—	—	—	—	—	—	—	—	—	—	—	—	—
.281	.295	.300	.316	.327	.319	.330	.332	.330	.319	.308	.297	.295
.272	.281	.295	.309	.303	.306	.315	.316	.297	.288	.291	.295	.290
.288	.303	.306	.306	.299	.304	.298	.298	.282	.282	.259	.264	.284
.269	.259	.278	.279	.273	.281	.273	.263	.240	.247	.254	.254	.259
.279	.288	.309	.307	.286	.262	.262	.262	.261	.235	.239	.241	.267
.171	.151	.165	.189	.192	.195	.203	.209	.215	.218	.218	.218	.192
—	—	—	—	—	—	—	—	—	—	—	—	—
.295	.301	.309	.318	.283	.283	.276	.288	.272	.272	.272	.261	.272
.227	.239	.250	.247	.242	.221	.206	.215	.195	.179	.194	.195	.229
.241	.234	.227	.207	.233	.208	.181	.205	.195	.185	.187	.197	.211
.260	.270	.278	.280	.279	.279	.273	.272	.265	.261	.260	.257	.262

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
Humidity of the Air. JULY.	1	77	77	77	77	77	79	82	82	—	91	93	91
	2	87	89	91	89	89	93	93	93	94	98	97	98
	3	100	98	100	100	97	97	96	100	100	94	96	100
	4	94	97	94	—	—	—	—	—	—	—	—	—
	5	—	—	—	100	100	100	100	100	98	98	96	98
	6	96	98	96	96	—	96	93	89	87	84	82	84
	7	87	85	89	89	87	89	87	90	90	92	98	96
	8	96	85	85	85	85	85	85	85	85	85	87	86
	9	82	82	82	82	90	88	79	80	80	81	88	91
	10	69	79	76	80	82	77	76	76	—	79	79	78
	11	66	74	70	—	—	—	—	—	—	—	—	—
	12	—	—	—	—	96	94	94	94	94	92	94	94
	13	96	100	100	100	—	96	96	98	96	98	100	100
	14	96	98	99	99	—	100	100	100	100	100	100	100
	15	96	94	96	96	96	100	98	98	99	98	98	100
	16	87	89	90	92	94	94	94	96	98	98	96	98
	17	94	96	96	88	82	84	84	84	88	83	92	82
	18	84	98	93	—	—	—	—	—	—	—	—	—
	19	—	—	—	98	100	100	100	98	—	100	100	100
	20	93	93	93	83	83	83	85	86	90	90	86	85
	21	91	96	96	100	100	100	100	100	100	100	100	100
	22	99	100	100	98	100	100	97	98	100	100	100	98
	23	94	98	98	96	100	100	100	99	100	100	100	100
	24	98	100	100	100	100	91	98	100	100	100	100	100
	25	98	100	100	—	—	—	—	—	—	—	—	—
	26	—	—	—	87	91	94	98	98	98	98	100	100
	27	80	79	81	83	84	88	86	97	—	94	94	98
	28	83	90	94	97	98	98	98	98	100	94	100	100
	29	100	100	96	96	100	100	100	100	—	100	100	100
	30	93	90	86	85	90	94	97	94	90	86	86	90
	31	91	93	82	81	82	88	88	87	85	86	88	93
Hourly Means	90	92	91	91	92	93	93	93	94	93	94	95	
Tension of the Vapour. JULY.	1	In. ·207	In. ·207	In. ·203	In. ·203	In. ·209	In. ·213	In. ·218	In. ·212	In. —	In. ·215	In. ·218	In. ·227
	2	·216	·213	·217	·217	·215	·220	·218	·218	·220	·231	·231	·243
	3	·238	·231	·237	·226	·233	·231	·229	·226	·222	·203	·202	·206
	4	·230	·231	·210	—	—	—	—	—	—	—	—	—
	5	—	—	—	·265	·258	·254	·248	·244	·235	·231	·223	·235
	6	·223	·225	·225	·225	—	·229	·226	·225	·226	·223	·226	·235
	7	·230	·217	·221	·217	·214	·215	·208	·207	·201	·201	·208	·206
	8	·227	·219	·219	·215	·217	·219	·221	·225	·225	·225	·234	·233
	9	·250	·250	·250	·250	·263	·256	·241	·243	·238	·237	·245	·263
	10	·194	·205	·199	·206	·210	·201	·199	·199	—	·215	·215	·221
	11	·194	·201	·200	—	—	—	—	—	—	—	—	—
	12	—	—	—	—	·223	·220	·218	·206	·208	·204	·210	·212
	13	·198	·201	·203	·203	—	·183	·185	·184	·182	·181	·182	·182
	14	·187	·184	·186	·186	—	·182	·182	·182	·181	·181	·181	·181
	15	·209	·203	·202	·198	·193	·194	·185	·184	·181	·175	·175	·184
	16	·208	·209	·205	·203	·199	·193	·192	·191	·191	·189	·187	·195
	17	·205	·202	·206	·194	·180	·184	·185	·186	·186	·166	·186	·178
	18	·223	·271	·250	—	—	—	—	—	—	—	—	—
	19	—	—	—	·227	·228	·220	·216	·206	—	·194	·192	·196
	20	·236	·236	·242	·232	·231	·239	·244	·248	·254	·254	·253	·255
	21	·280	·278	·273	·274	·265	·263	·256	·236	·233	·222	·228	·222
	22	·282	·285	·285	·273	·274	·269	·251	·243	·246	·248	·250	·243
	23	·294	·290	·288	·283	·281	·278	·278	·280	·281	·276	·272	·269
	24	·294	·285	·274	·263	·263	·247	·245	·254	·244	·246	·246	·260
	25	·316	·319	·316	—	—	—	—	—	—	—	—	—
	26	—	—	—	·279	·270	·266	·266	·262	·255	·253	·256	·276
	27	·276	·276	·282	·281	·272	·277	·253	·264	—	·244	·238	·260
	28	·231	·241	·246	·247	·243	·235	·235	·235	·244	·238	·254	·265
	29	·300	·297	·290	·290	·297	·297	·297	·300	—	·293	·295	·297
	30	·273	·263	·256	·252	·259	·266	·267	·252	·245	·237	·237	·252
	31	·239	·246	·216	·210	·202	·205	·205	·204	·199	·198	·203	·218
Hourly Means	·239	·240	·237	·235	·238	·232	·229	·227	·223	·222	·224	·230	

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
97	86	87	80	80	82	78	83	84	84	84	84	83
94	88	86	85	84	85	84	87	96	97	97	99	91
100	100	89	80	79	79	83	84	88	97	93	93	93
—	—	—	—	—	—	—	—	—	—	—	—	93
94	90	85	83	83	82	83	84	88	93	93	96	86
86	81	78	79	75	74	80	78	83	84	97	89	89
94	88	82	80	83	91	83	83	86	93	93	96	82
84	72	77	78	74	74	76	78	77	78	79	80	79
84	81	76	71	70	73	68	70	79	72	78	79	74
79	75	79	80	78	71	64	67	63	66	66	66	85
—	—	—	—	—	—	—	—	—	—	—	—	95
93	87	80	75	70	70	72	83	85	85	94	96	94
100	100	96	93	84	81	83	87	93	92	96	96	91
80	79	94	82	82	79	93	93	94	98	100	94	90
98	84	91	82	86	78	78	82	84	89	87	85	86
92	92	85	78	77	77	76	82	85	93	93	98	94
80	81	82	82	82	84	84	84	89	93	91	89	85
—	—	—	—	—	—	—	—	—	—	—	—	94
100	100	98	89	86	82	83	85	87	93	91	93	85
83	85	80	80	81	77	80	81	81	86	87	94	94
100	100	100	88	79	80	76	82	85	92	96	98	92
100	99	93	85	81	80	73	80	81	85	83	89	93
100	94	91	84	74	74	78	81	92	95	94	100	91
96	89	84	80	64	66	72	75	85	94	95	96	87
—	—	—	—	—	—	—	—	—	—	—	—	83
88	90	85	79	71	69	61	64	72	84	85	84	98
91	82	81	78	73	73	69	72	78	80	86	83	98
100	97	100	100	100	100	100	100	100	100	100	100	98
96	99	96	96	100	100	96	96	93	91	98	96	89
93	80	79	85	91	88	88	81	81	97	100	100	84
87	85	80	79	74	70	73	80	81	79	85	93	89
92	88	86	83	80	79	79	81	85	88	90	91	89
In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
.241	.242	.264	.260	.260	.269	.255	.250	.233	.219	.223	.215	.229
.244	.256	.253	.262	.271	.277	.274	.272	.273	.258	.243	.241	.241
.211	.234	.233	.232	.241	.250	.250	.240	.245	.253	.234	.236	.231
—	—	—	—	—	—	—	—	—	—	—	—	.238
.240	.245	.244	.243	.248	.240	.238	.236	.236	.236	.228	.219	.232
.235	.235	.230	.239	.235	.237	.245	.230	.228	.237	.258	.235	.228
.228	.236	.250	.242	.252	.275	.252	.252	.251	.245	.226	.227	.240
.231	.226	.261	.275	.274	.275	.267	.264	.256	.255	.250	.250	.250
.274	.277	.264	.259	.265	.272	.254	.234	.243	.219	.230	.223	.250
.239	.235	.250	.260	.261	.251	.236	.240	.216	.212	.206	.198	.220
—	—	—	—	—	—	—	—	—	—	—	—	.216
.224	.231	.228	.229	.224	.225	.219	.236	.224	.206	.212	.206	.201
.194	.203	.209	.220	.230	.229	.227	.228	.210	.197	.198	.193	.198
.158	.161	.208	.205	.217	.210	.238	.232	.238	.235	.228	.212	.202
.200	.184	.215	.216	.235	.230	.221	.218	.215	.219	.212	.207	.210
.199	.203	.223	.221	.236	.249	.244	.244	.227	.220	.210	.213	.202
.185	.190	.208	.211	.211	.215	.223	.221	.225	.230	.235	.231	.228
—	—	—	—	—	—	—	—	—	—	—	—	.260
.214	.220	.235	.237	.244	.250	.252	.244	.228	.232	.227	.232	.273
.248	.262	.260	.275	.281	.278	.291	.286	.277	.285	.279	.287	.277
.246	.272	.295	.300	.305	.306	.309	.318	.295	.298	.295	.288	.294
.254	.262	.287	.301	.298	.297	.299	.308	.298	.299	.292	.293	.278
.283	.300	.315	.321	.307	.313	.315	.309	.308	.308	.303	.311	.283
.283	.287	.296	.305	.264	.280	.290	.295	.304	.320	.313	.319	.268
—	—	—	—	—	—	—	—	—	—	—	—	.268
.273	.287	.309	.314	.308	.297	.267	.269	.280	.299	.288	.276	.268
.265	.268	.291	.283	.276	.284	.279	.271	.267	.259	.255	.238	.268
.274	.269	.278	.295	.302	.302	.305	.297	.297	.297	.297	.297	.297
.292	.307	.314	.303	.308	.330	.306	.295	.278	.275	.282	.278	.253
.262	.245	.241	.255	.268	.258	.247	.236	.233	.255	.262	.260	.221
.216	.227	.226	.240	.238	.235	.226	.235	.231	.220	.225	.236	.242
.238	.243	.255	.259	.261	.264	.260	.258	.252	.251	.249	.245	.242

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
Humidity of the Air. AUGUST.	1	97	97	94	—	—	—	—	—	—	—	—	
	2	—	—	—	93	93	94	88	86	96	96	91	
	3	87	89	94	100	98	98	98	99	98	98	98	93
	4	98	98	100	100	100	100	100	100	—	100	100	100
	5	98	100	100	100	100	100	100	100	100	100	100	100
	6	97	100	100	100	100	99	100	100	—	98	98	100
	7	100	100	100	100	100	98	98	96	94	90	90	92
	8	90	91	91	—	—	—	—	—	—	—	—	—
	9	—	—	—	80	88	92	96	96	96	98	100	100
	10	96	100	92	79	80	80	82	83	88	81	92	90
	11	83	82	82	83	83	83	80	83	85	82	85	87
	12	80	80	75	77	77	75	75	77	—	78	77	80
	13	73	74	78	80	81	80	79	81	81	88	92	96
	14	100	100	100	100	100	100	100	98	96	96	96	87
	15	85	84	86	—	—	—	—	—	—	—	—	—
	16	—	—	—	100	100	98	98	98	97	98	100	100
	17	100	100	100	100	100	100	100	100	100	100	100	100
	18	100	100	100	100	100	100	100	100	100	100	100	100
	19	79	88	91	91	86	88	89	87	82	82	84	84
	20	100	98	98	98	—	100	100	100	96	100	100	100
	21	93	94	97	97	—	98	98	98	100	100	100	100
	22	90	93	93	—	—	—	—	—	—	—	—	—
	23	—	—	—	96	97	97	98	97	97	98	100	99
	24	76	76	80	84	91	91	94	97	98	98	98	98
	25	97	93	86	88	—	84	90	84	82	84	91	93
	26	79	86	79	75	75	75	74	70	—	76	71	71
	27	78	80	81	84	87	89	90	94	94	92	94	89
	28	97	100	98	98	98	100	100	100	100	100	100	97
	29	93	93	90	—	—	—	—	—	—	—	—	—
	30	—	—	—	98	98	100	100	100	100	100	100	100
	31	96	91	93	93	98	100	100	100	100	100	100	100
Hourly Means	91	92	91	92	93	93	93	93	95	94	94	94	
Tension of the Vapour. AUGUST.	1	In. ·241	In. ·239	In. ·232	In. —	In. —	In. —	In. —	In. —	In. —	In. —	In. —	
	2	—	—	—	·214	·216	·212	·205	·200	·215	·223	·223	
	3	·212	·207	·210	·218	·217	·219	·217	·213	·210	·206	·204	
	4	·227	·217	·211	·209	·209	·203	·196	·192	—	·190	·194	
	5	·211	·207	·206	·203	·200	·192	·187	·187	187	·187	·187	
	6	·197	·196	·190	·187	·186	·181	·179	·182	—	·179	·183	
	7	·240	·236	·234	·240	·236	·227	·223	·215	·205	·200	·198	
	8	·248	·252	·252	—	—	—	—	—	—	—	—	
	9	—	—	—	·185	·194	·202	·206	·208	·201	·198	·206	
	10	·193	·200	·182	·173	·175	·174	·175	·175	·179	·163	·176	
	11	·197	·202	·202	·205	·203	·203	·181	·207	·213	·214	·219	
	12	·264	·264	·256	·261	·261	·254	·252	·252	—	·259	·254	
	13	·272	·268	·280	·285	·291	·285	·283	·290	·285	·298	·306	
	14	·293	·281	·283	·288	·281	·276	·272	·271	·273	·276	·275	
	15	·295	·293	·296	—	—	—	—	—	—	—	—	
	16	—	—	—	·285	·274	·262	·255	·243	·233	·227	·228	
	17	·295	·295	·293	·291	·288	·283	·283	·285	·285	·283	·283	
	18	·364	·352	·355	·358	·358	·355	·355	·358	·355	·355	·355	
	19	·245	·236	·263	·261	·242	·238	·233	·232	·214	·210	·215	
	20	·244	·233	·227	·225	—	·224	·220	·218	·202	·207	·209	
	21	·246	·248	·233	·231	—	·219	·213	·210	·214	·216	·214	
	22	·261	·259	·250	—	—	—	—	—	—	—	—	
	23	—	—	—	·273	·264	·262	·257	·253	·243	·239	·244	
	24	·271	·265	·272	·269	·272	·261	·259	·258	·255	·251	·258	
	25	·269	·250	·242	·245	—	·231	·239	·227	·220	·223	·235	
	26	·190	·200	·183	·178	·180	·181	·178	·172	—	·189	·185	
	27	·221	·225	·224	·227	·222	·215	·207	·212	·212	·206	·220	
	28	·258	·263	·257	·243	·241	·240	·230	·228	·218	·216	·216	
	29	·285	·287	·280	—	—	—	—	—	—	—	—	
	30	—	—	—	·308	·302	·305	·300	·295	·295	·295	·300	
	31	·311	·292	·298	·295	·302	·293	·278	·291	·291	·285	·293	
Hourly Means	·252	·249	·247	·244	·244	·238	·234	·234	·237	·231	·234		

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.

12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
—	—	—	—	—	—	—	—	—	—	—	—	} 85
89	83	79	69	63	66	76	81	71	79	87	87	
97	93	88	82	79	77	80	90	97	98	—	100	} 93
100	100	97	94	83	79	80	83	88	97	97	96	
100	98	94	90	82	79	76	83	91	89	96	96	} 95
100	100	100	100	100	100	100	100	98	98	98	98	
91	87	79	80	77	80	77	81	80	90	93	88	} 90
—	—	—	—	—	—	—	—	—	—	—	—	
96	96	100	80	69	93	74	72	98	92	88	92	} 80
83	82	77	69	68	66	66	68	74	73	78	81	
82	79	72	69	69	63	72	74	78	77	80	80	} 79
70	74	75	73	69	69	70	70	82	73	73	73	
98	93	86	81	71	74	74	73	85	86	95	96	} 83
90	89	86	74	70	71	68	73	76	81	88	85	
—	—	—	—	—	—	—	—	—	—	—	—	} 91
100	97	91	81	80	73	72	77	84	85	96	96	
98	100	93	87	83	88	89	93	93	100	100	100	} 97
100	100	100	87	70	69	86	95	84	84	84	83	
81	79	70	77	70	69	72	80	86	88	91	97	} 83
100	94	88	80	73	73	72	81	83	85	93	91	
88	83	73	69	60	63	74	74	80	83	88	94	} 87
—	—	—	—	—	—	—	—	—	—	—	—	
100	85	78	69	65	64	70	73	70	80	73	74	} 86
98	93	94	88	80	74	75	91	90	90	91	94	
86	79	80	69	69	68	76	87	72	87	80	93	} 83
74	74	71	79	75	72	69	72	70	74	70	76	
84	80	76	69	73	69	68	69	78	88	91	97	} 83
97	93	89	81	75	78	73	86	85	85	91	94	
—	—	—	—	—	—	—	—	—	—	—	—	} 91
100	94	78	75	75	73	78	83	81	89	90	94	
96	86	83	79	79	81	79	71	81	84	90	91	} 90
92	89	84	79	74	74	76	80	83	86	88	90	
In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	} In.
—	—	—	—	—	—	—	—	—	—	—	—	
·229	·237	·241	·211	·197	·206	·224	·235	·200	·211	·220	·216	} ·220
·233	·246	·247	·246	·243	·240	·247	·254	·258	·257	—	·248	
·205	·220	·233	·255	·250	·250	·252	·257	·238	·235	·231	·221	} ·221
·206	·223	·240	·250	·250	·250	·239	·248	·239	·213	·215	·202	
·201	·218	·230	·238	·252	·263	·278	·283	·280	·275	·260	·245	} ·221
·220	·228	·243	·260	·258	·272	·269	·277	·264	·259	·257	·254	
—	—	—	—	—	—	—	—	—	—	—	—	} ·205
·215	·211	·220	·196	·172	·214	·186	·181	·208	·188	·183	·190	
·199	·202	·209	·199	·209	·202	·196	·197	·207	·189	·193	·192	} ·189
·239	·252	·268	·278	·267	·271	·276	·278	·277	·263	·267	·264	
·292	·309	·306	·298	·307	·322	·310	·305	·328	·286	·283	·281	} ·282
·338	·342	·329	·348	·320	·335	·332	·312	·320	·309	·322	·306	
·292	·306	·329	·316	·306	·308	·301	·314	·307	·312	·309	·298	} ·307
—	—	—	—	—	—	—	—	—	—	—	—	
·250	·262	·282	·283	·294	·281	·276	·280	·282	·274	·278	·286	} ·269
·308	·346	·351	·358	·367	·367	·372	·383	·371	·378	·375	·369	
·361	·358	·364	·346	·287	·274	·301	·308	·276	·267	·265	·255	} ·325
·232	·252	·234	·242	·229	·232	·232	·247	·253	·245	·233	·243	
·228	·238	·256	·262	·259	·262	·270	·290	·280	·270	·273	·263	} ·237
·249	·262	·262	·270	·245	·253	·278	·275	·275	·259	·254	·270	
—	—	—	—	—	—	—	—	—	—	—	—	} ·245
·274	·272	·282	·282	·284	·301	·317	·316	·290	·302	·276	·274	
·294	·295	·320	·325	·317	·318	·298	·317	·306	·293	·282	·289	} ·272
·237	·221	·229	·207	·209	·197	·210	·226	·197	·218	·200	·218	
·201	·211	·212	·234	·235	·223	·214	·208	·204	·207	·202	·214	} ·226
·242	·254	·270	·264	·278	·282	·273	·267	·275	·277	·265	·271	
·255	·281	·290	·288	·280	·282	·286	·309	·290	·279	·292	·292	} ·243
—	—	—	—	—	—	—	—	—	—	—	—	
·324	·331	·308	·306	·309	·313	·311	·327	·299	·312	·306	·311	} ·261
·316	·320	·324	·322	·319	·330	·327	·284	·288	·274	·278	·268	
·255	·265	·272	·272	·267	·271	·272	·276	·270	·264	·261	·259	} ·305
—	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	} ·299
—	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	} ·254
—	—	—	—	—	—	—	—	—	—	—	—	

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.												
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20
Humidity of the Air. SEPTEMBER.	1	94	94	93	88	93	93	91	98	98	98	93
	2	93	98	94	96	96	94	93	90	94	98	93
	3	85	90	79	85	82	82	79	75	73	75	74
	4	94	93	94	91	89	89	89	83	83	85	84
	5	84	84	86	—	—	—	—	—	—	—	—
	6	—	—	—	98	97	100	100	100	98	100	100
	7	85	90	85	97	97	97	98	98	—	94	97
	8	82	85	85	83	81	80	81	86	90	91	91
	9	69	72	72	77	77	77	75	77	78	73	65
	10	84	80	81	82	85	93	94	100	100	96	93
	11	70	65	75	71	72	77	75	75	82	85	87
	12	74	74	80	—	—	—	—	—	—	—	—
	13	—	—	—	71	60	54	52	61	70	69	76
	14	62	66	66	68	72	76	76	78	78	78	78
	15	90	93	94	96	98	96	100	90	90	96	96
	16	68	67	65	63	62	66	67	78	81	83	83
	17	94	94	94	94	97	96	100	96	94	92	88
	18	77	76	78	81	74	79	82	82	82	79	78
	19	74	77	83	—	—	—	—	—	—	—	—
	20	—	—	—	96	96	96	94	93	94	98	93
	21	93	98	97	100	—	100	100	100	100	100	100
	22	94	90	98	98	97	100	98	98	100	100	98
	23	100	100	98	94	94	92	95	96	93	98	95
	24	63	66	69	71	71	81	83	86	89	94	85
	25	64	63	68	72	72	72	74	74	81	89	90
	26	60	65	69	—	—	—	—	—	—	—	—
	27	—	—	—	73	76	78	81	84	82	84	82
	28	90	93	93	94	—	—	—	—	97	93	88
	29	96	96	100	98	97	97	91	80	78	71	79
	30	50	51	48	51	61	66	70	73	66	69	71
	Hourly Means	80	82	82	84	83	85	85	86	87	88	87
Tension of the Vapour. SEPTEMBER.	1	In. .270	In. .275	In. .271	In. .260	In. .259	In. .248	In. .235	In. .251	In. .260	In. .260	In. .269
	2	.264	.275	.273	.278	.280	.275	.273	.261	.277	.280	.277
	3	.251	.270	.236	.253	.241	.241	.232	.221	.217	.219	.212
	4	.236	.236	.232	.227	.221	.221	.225	.209	.207	.207	.213
	5	.231	.231	.235	—	—	—	—	—	—	—	—
	6	—	—	—	.271	.262	.272	.274	.274	.262	.252	.252
	7	.260	.263	.253	.255	.253	.247	.239	.229	—	.218	.235
	8	.255	.251	.249	.239	.235	.234	.235	.237	.241	.243	.247
	9	.275	.276	.273	.286	.294	.300	.286	.291	.291	.289	.293
	10	.359	.346	.349	.352	.354	.366	.321	.319	.314	.297	.283
	11	.230	.216	.229	.218	.229	.241	.238	.238	.250	.260	.272
	12	.199	.197	.200	—	—	—	—	—	—	—	—
	13	—	—	—	.247	.207	.179	.168	.190	.207	.200	.217
	14	.161	.171	.171	.178	.181	.187	.195	.197	.197	.195	.201
	15	.241	.236	.228	.219	.223	.213	.214	.194	.194	.204	.215
	16	.260	.252	.243	.233	.231	.246	.252	.282	.280	.280	.291
	17	.356	.354	.333	.328	.325	.311	.314	.306	.309	.315	.317
	18	.231	.222	.225	.226	.207	.213	.214	.214	.212	.207	.225
	19	.198	.200	.201	—	—	—	—	—	—	—	—
	20	—	—	—	.280	.280	.278	.270	.259	.255	.255	.259
	21	.266	.260	.247	.246	—	.232	.230	.230	.234	.230	.260
	22	.285	.268	.266	.255	.241	.250	.239	.235	.234	.234	.253
	23	.319	.314	.335	.320	.328	.311	.311	.306	.290	.302	.322
	24	.275	.269	.271	.265	.259	.277	.288	.296	.303	.320	.320
	25	.274	.263	.273	.279	.270	.270	.273	.273	.288	.287	.309
	26	.198	.203	.209	—	—	—	—	—	—	—	—
	27	—	—	—	.205	.210	.213	.218	.223	.218	.227	.246
	28	.280	.273	.268	.266	—	—	—	—	.233	.236	.247
	29	.297	.286	.281	.266	.264	.258	.250	.227	.227	.214	.232
	30	.272	.274	.273	.290	.322	.324	.310	.292	.236	.241	.267
	Hourly Means	.259	.257	.255	.259	.257	.256	.252	.250	.249	.249	.259

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
84	73	73	66	66	64	73	74	80	83	90	93	85
93	80	80	77	78	71	80	80	85	85	79	90	88
77	98	94	83	76	79	78	75	78	78	93	98	82
83	79	74	70	78	77	73	80	83	84	82	84	83
—	—	—	—	—	—	—	—	—	—	—	—	85
82	80	74	64	63	54	67	71	76	80	85	93	85
90	76	71	65	65	60	59	68	77	80	80	82	83
—	85	83	81	79	65	56	53	61	64	64	65	77
65	66	65	59	63	64	67	68	66	66	74	76	70
90	85	74	67	68	60	74	61	68	73	64	68	81
95	79	69	69	73	54	77	63	59	74	73	73	74
—	—	—	—	—	—	—	—	—	—	—	—	67
77	69	81	60	54	64	60	58	60	63	67	62	73
75	65	55	63	62	63	73	80	80	83	83	88	80
83	69	64	61	61	61	56	58	62	66	71	69	75
85	76	71	64	63	66	65	80	83	92	96	90	78
66	67	57	46	55	60	59	66	59	70	73	79	74
70	68	62	81	81	69	64	67	66	69	75	70	86
—	—	—	—	—	—	—	—	—	—	—	—	87
85	81	80	74	82	75	74	77	81	84	90	91	88
85	81	72	66	70	71	70	73	77	82	85	88	88
81	78	67	63	58	72	71	81	83	91	95	96	79
78	71	66	64	61	56	57	55	60	64	65	66	68
79	62	54	55	56	51	48	48	53	60	70	61	64
64	58	51	43	39	41	50	55	54	59	55	57	72
—	—	—	—	—	—	—	—	—	—	—	—	82
72	67	62	61	59	54	55	68	74	81	85	84	66
76	72	67	67	67	71	76	78	79	81	88	89	61
61	63	52	41	29	31	34	36	46	48	46	47	77
69	69	65	71	63	44	52	46	49	62	68	75	77
79	74	68	65	64	61	64	66	69	74	77	78	77
In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
·282	·265	·272	·260	279	·274	·292	·294	·291	·274	·278	·283	·270
·292	·266	·262	·252	264	·246	·267	·254	·255	·262	·243	·261	·267
·252	·290	·283	·262	·244	·241	·227	·215	·219	·213	·236	·243	·240
·240	·240	·236	·238	·260	·253	·248	·256	·242	·235	·224	·223	·231
—	—	—	—	—	—	—	—	—	—	—	—	·260
·257	·269	·274	·256	·265	·228	·269	·264	·261	·264	·258	·287	·261
·261	·261	·267	·264	·282	·275	·278	·292	·301	·285	·269	·263	·263
—	·277	·283	·291	·310	·300	·289	·275	·284	·280	·274	·265	·309
·310	·319	·329	·321	·331	·340	·342	·337	·322	·316	·340	·345	·307
·306	·312	·304	·301	·305	·288	·325	·273	·272	·260	·230	·232	·246
·322	·305	·285	·274	·266	·214	·270	·222	·197	·222	·209	·207	·196
—	—	—	—	—	—	—	—	—	—	—	—	·214
·203	·207	·230	·184	·186	·204	·182	·169	·174	·171	·181	·167	·238
·235	·219	·202	·231	·226	·231	·262	·267	·262	·248	·243	·254	·307
·236	·227	·238	·246	·266	·284	·271	·267	·268	·271	·278	·270	·284
·315	·332	·349	·344	·337	·336	·330	·372	·371	·385	·376	·369	·230
·278	·292	·248	·214	·232	·254	·253	·264	·217	·234	·228	·234	·271
·251	·260	·239	·283	·286	·250	·237	·235	·220	·213	·214	·199	·272
—	—	—	—	—	—	—	—	—	—	—	—	·283
·269	·279	·293	·299	·324	·308	·308	·301	·288	·282	·280	·272	·284
·272	·286	·286	·293	·306	·317	·318	·314	·302	·296	·288	·284	·283
·277	·299	·291	·301	·303	·336	·324	·336	·335	·337	·322	·311	·327
·334	·351	·352	·354	·365	·344	·339	·332	·334	·334	·325	·313	·300
·352	·316	·297	·318	·334	·325	·314	·307	·299	·296	·302	·266	·274
·313	·321	·320	·287	·265	·269	·307	·270	·230	·221	·197	·195	·254
—	—	—	—	—	—	—	—	—	—	—	—	·284
·272	·272	·267	·277	·284	·289	·288	·314	·315	·313	·304	·285	·268
·264	·284	·300	·297	·300	·309	·335	·317	·310	·297	·309	·290	·255
·252	·301	·323	·305	·245	·265	·264	·294	·316	·298	·271	·267	·277
·284	·281	·265	·273	·245	·189	·218	·188	·188	·210	·212	·219	·266
·277	·282	·280	·278	·281	·276	·283	·278	·272	·270	·265	·262	·266

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
Humidity of the Air. OCTOBER.	1	68	68	74	78	77	77	72	79	82	72	76	71
	2	67	70	72	79	—	—	80	85	—	86	79	73
	3	58	59	62	—	—	—	—	—	—	—	—	—
	4	—	—	—	64	68	67	74	61	53	59	62	58
	5	58	58	62	66	68	69	69	68	72	70	64	68
	6	68	87	93	82	81	74	73	66	61	69	65	59
	7	79	90	88	84	82	84	86	86	90	88	90	81
	8	68	72	73	72	74	81	80	77	—	81	92	100
	9	71	79	77	75	75	73	75	72	74	80	76	66
	10	82	86	72	—	—	—	—	—	—	—	—	—
	11	—	—	—	82	78	67	77	69	75	77	79	71
	12	73	70	76	81	79	81	82	82	82	83	87	80
	13	82	80	85	88	90	90	90	91	91	96	90	91
	14	90	92	94	93	98	96	96	96	—	100	91	80
	15	84	86	86	88	90	92	96	100	96	98	91	81
	16	73	78	77	75	73	72	75	73	74	75	73	63
	17	57	61	63	—	—	—	—	—	—	—	—	—
	18	—	—	—	84	91	94	93	93	93	93	88	87
	19	84	90	90	88	88	89	91	94	97	94	84	74
	20	70	72	73	75	78	81	81	79	78	75	73	69
	21	53	49	48	49	54	56	62	65	64	73	83	67
	22	94	97	100	100	100	98	100	98	100	100	99	89
	23	62	65	67	67	71	73	73	76	79	71	64	61
	24	67	65	66	—	—	—	—	—	—	—	—	—
	25	—	—	—	92	92	93	96	92	96	95	86	77
	26	54	63	62	65	70	76	70	76	73	70	71	73
	27	98	97	100	100	100	100	100	100	100	100	100	100
	28	100	100	100	100	98	97	97	97	100	97	91	85
	29	96	87	86	85	83	86	88	82	—	79	84	67
	30	73	78	76	75	78	78	78	78	80	79	74	73
	Hourly Means	75	77	78	80	81	82	83	82	82	83	81	76
Tension of the Vapour. OCTOBER.	1	In. .199	In. .197	In. .207	In. .213	In. .201	In. .203	In. .195	In. .211	In. .210	In. .193	In. .210	In. .217
	2	.228	.234	.235	.248	—	—	.234	.244	—	.255	.255	.259
	3	.322	.335	.361	—	—	—	—	—	—	—	—	—
	4	—	—	—	.253	.261	.258	.276	.223	.184	.195	.215	.209
	5	.185	.185	.192	.204	.208	.208	.208	.213	.236	.237	.245	.272
	6	.303	.343	.353	.304	.295	.269	.260	.227	.217	.224	.200	.192
	7	.183	.196	.192	.182	.177	.179	.180	.180	.181	.186	.196	.220
	8	.265	.270	.272	.270	.275	.288	.288	.291	—	.348	.408	.390
	9	.263	.275	.266	.256	.256	.249	.242	.232	.235	.252	.264	.249
	10	.301	.298	.262	—	—	—	—	—	—	—	—	—
	11	—	—	—	.224	.213	.187	.203	.186	.202	.211	.219	.214
	12	.219	.218	.210	.218	.215	.218	.220	.220	.226	.237	.257	.260
	13	.269	.266	.270	.267	.273	.266	.268	.268	.265	.280	.282	.315
	14	.299	.306	.309	.298	.305	.295	.286	.280	—	.297	.312	.307
	15	.293	.301	.298	.293	.296	.295	.309	.319	.311	.327	.340	.339
	16	.292	.299	.300	.297	.289	.281	.284	.278	.278	.286	.301	.304
	17	.272	.279	.275	—	—	—	—	—	—	—	—	—
	18	—	—	—	.215	.223	.228	.226	.228	.226	.236	.238	.272
	19	.271	.282	.270	.256	.242	.233	.237	.244	.253	.268	.276	.275
	20	.295	.289	.292	.284	.282	.288	.290	.275	.280	.289	.292	.293
	21	.362	.334	.324	.321	.333	.341	.357	.363	.350	.382	.434	.433
	22	.406	.399	.407	.407	.416	.410	.413	.393	.396	.420	.433	.477
	23	.231	.238	.238	.238	.242	.245	.245	.246	.250	.253	.264	.285
	24	.234	.222	.221	—	—	—	—	—	—	—	—	—
	25	—	—	—	.308	.298	.295	.303	.295	.295	.313	.323	.334
	26	.308	.331	.311	.298	.308	.313	.287	.300	.293	.293	.332	.369
	27	.380	.370	.375	.375	.378	.381	.384	.387	.387	.393	.396	.410
	28	.423	.413	.410	.413	.387	.382	.379	.376	.378	.366	.366	.354
	29	.385	.356	.333	.316	.292	.286	.282	.264	—	.256	.270	.228
	30	.225	.223	.220	.215	.221	.221	.221	.225	.234	.243	.275	.292
	Hourly Means	.286	.287	.285	.276	.275	.273	.272	.268	.268	.278	.292	.299

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
62	63	57	56	55	55	54	56	60	62	57	59	66
73	64	61	62	63	55	53	56	62	71	64	58	68
—	—	—	—	—	—	—	—	—	—	—	—	53
51	48	43	35	48	30	41	37	42	47	52	54	61
66	61	58	52	50	54	51	49	52	62	58	65	66
66	63	52	56	56	64	60	50	55	56	65	72	72
69	63	59	51	53	51	49	56	53	63	66	67	74
100	100	91	74	64	52	48	49	52	61	66	68	66
60	59	51	53	52	51	48	43	42	74	81	81	70
—	—	—	—	—	—	—	—	—	—	—	—	78
63	63	67	73	53	66	62	64	61	62	66	68	87
62	64	67	74	73	75	80	80	80	85	83	84	85
84	85	84	84	—	86	85	76	84	85	88	89	85
78	69	62	77	75	69	82	83	81	82	81	81	75
74	67	61	55	52	52	51	49	55	59	64	65	59
59	46	46	45	40	39	30	32	37	47	52	53	75
—	—	—	—	—	—	—	—	—	—	—	—	76
76	65	70	66	56	59	59	53	70	69	70	80	65
66	62	57	56	52	48	56	60	65	70	78	81	62
65	60	58	61	61	51	52	50	48	48	52	55	71
69	43	42	37	30	45	78	78	82	88	88	92	62
53	40	38	41	45	42	39	37	38	43	55	54	62
58	55	55	59	50	48	51	48	53	48	60	63	68
—	—	—	—	—	—	—	—	—	—	—	—	74
67	64	55	49	45	44	43	42	43	46	54	52	98
72	75	65	63	70	70	70	82	93	95	97	100	85
96	87	84	91	97	100	100	96	100	100	100	100	71
86	69	60	59	57	67	62	63	76	88	91	91	66
70	69	64	57	55	59	46	47	53	58	59	77	77
66	63	66	66	67	66	83	86	88	93	96	97	72
69	64	61	59	57	58	59	58	63	68	71	73	72
In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
·224	·255	·247	·259	·262	·248	·251	·256	·244	·236	·215	·225	·224
·275	·274	·276	·293	·325	·318	·317	·341	·356	·352	·332	·322	·284
—	—	—	—	—	—	—	—	—	—	—	—	·218
·196	·194	·175	·146	·209	·131	·191	·178	·179	·175	·182	·180	·253
·298	·285	·295	·284	·282	·309	·296	·280	·281	·294	·276	·298	·227
·212	·216	·190	·183	·183	·229	·200	·163	·179	·165	·173	·179	·220
·223	·235	·247	·232	·245	·253	·247	·273	·255	·271	·271	·268	·315
·443	·439	·408	·370	·360	·295	·274	·267	·247	·259	·261	·260	·261
·247	·256	·249	·265	·271	·274	·276	·255	·234	·304	·305	·297	223
—	—	—	—	—	—	—	—	—	—	—	—	·256
·210	·214	·238	·247	·201	·236	·224	·226	·214	·205	·206	·205	·288
·226	·254	·288	·306	·313	·309	·307	·307	·285	·290	·277	·269	·311
·313	·312	·321	·315	—	·315	·306	·273	·293	·290	·298	·298	·315
·323	·324	·327	·346	·346	·321	·345	·341	·313	·301	·288	·290	·286
·345	·335	·335	·320	·327	·332	·325	·324	·317	·306	·292	·286	·242
·327	·300	·315	·310	·300	·302	·230	·240	·253	·267	·265	·262	·286
—	—	—	—	—	—	—	—	—	—	—	—	·286
·261	·221	·246	·245	·233	·238	·254	·215	·248	·232	·234	·262	·286
·279	·288	·284	·305	·297	·297	·330	·349	·341	·325	·331	·322	·326
·300	·297	·332	·337	·354	·397	·441	·448	·391	·353	·365	·360	·386
·468	·382	·400	·405	·317	·384	·444	·443	·418	·431	·420	·415	·329
·371	·272	·250	·251	·266	·249	·225	·205	·196	·188	·225	·211	·253
·292	·281	·284	·315	·268	·264	·265	·233	·238	·196	·224	·231	·318
—	—	—	—	—	—	—	—	—	—	—	—	·359
·351	·362	·380	·389	·379	·383	·347	·336	·333	·323	·319	·298	·406
·385	·420	·375	·400	·420	·400	·404	·419	·426	·423	·408	·396	·374
·405	·418	·415	·425	·428	·439	·439	·438	·443	·436	·426	·423	·256
·362	·345	·332	·345	·358	·393	·358	·353	·372	·268	·369	·372	·291
·228	·231	·222	·216	·216	·245	·211	·209	·216	·209	·196	·233	·291
·288	·298	·315	·331	·364	·364	·380	·370	·364	·365	·361	·359	·289
·302	·296	·298	·302	·301	·305	·303	·298	·294	·291	·289	·289	·289

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.												
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20
Humidity of the Air.	Oct. 31	96	92	94	—	—	—	—	—	—	—	—
	1	—	—	—	94	93	92	97	95	95	94	78
	2	89	90	97	97	97	100	100	100	100	100	93
	3	93	96	97	100	100	100	100	100	98	90	83
	4	82	86	83	82	—	83	83	86	94	86	87
	5	97	97	97	98	—	100	100	100	100	99	97
	6	97	97	97	100	100	100	95	87	83	82	77
	7	65	63	62	—	—	—	—	—	—	—	—
	8	—	—	—	73	80	80	80	82	84	81	71
	9	61	62	66	66	71	69	67	68	68	64	62
	10	65	68	74	75	72	77	81	75	73	74	65
	11	81	81	86	91	95	97	97	94	96	94	82
	12	95	97	100	99	99	99	99	100	100	100	92
	13	100	100	100	100	100	100	100	100	—	100	100
	14	100	100	100	—	—	—	—	—	—	—	—
	15	—	—	—	94	97	97	95	94	90	91	82
	16	94	95	100	100	100	100	100	100	100	100	98
	17	74	72	75	78	83	83	85	84	84	80	75
	18	92	92	94	97	97	100	100	97	90	79	74
	19	85	84	86	88	97	97	100	100	100	100	100
	20	94	93	90	90	91	93	90	89	89	84	74
	21	83	83	83	—	—	—	—	—	—	—	—
	22	—	—	—	86	85	86	86	83	81	80	69
	23	74	75	75	77	—	79	80	88	84	84	82
	24	84	84	84	86	86	85	85	88	—	91	82
	25	73	75	79	82	85	86	87	87	89	87	82
	26	68	74	81	86	—	88	96	100	100	96	88
	27	88	89	91	94	96	97	94	94	93	93	89
	28	100	100	96	—	—	—	—	—	—	—	—
	29	—	—	—	—	100	100	100	100	97	97	95
	30	96	97	91	87	66	65	63	67	69	72	67
Hourly Means	85	87	88	89	90	90	91	91	89	88	82	77
Tension of the Vapour.	Oct. 31	in ·350	In. ·330	In. ·333	In. —	In. —	In. —	In. —	In. —	In. —	In. —	In. —
	1	—	—	—	·348	·342	·336	·350	·341	·347	·351	·328
	2	·369	·363	·367	·370	·359	·355	·349	·352	·338	·341	·377
	3	·403	·402	·382	·381	·372	·366	·361	·358	·363	·357	·380
	4	·357	·355	·350	·348	—	·353	·347	·343	·374	·381	·417
	5	·376	·408	·405	·403	—	·410	·413	·410	·416	·423	·411
	6	·438	·433	·438	·438	·423	·423	·413	·397	·397	·397	·429
	7	·285	·273	·265	—	—	—	—	—	—	—	—
	8	—	—	—	·265	·269	·262	·254	·255	·265	·274	·287
	9	·267	·269	·277	·278	·282	·276	·269	·272	280	·287	·279
	10	·283	·287	·303	·300	·284	·294	·297	·284	·293	·310	·313
	11	·348	·336	·340	·340	·344	·338	·330	·311	·319	·320	·357
	12	·433	·449	·443	·436	·433	·427	·420	·416	·423	·446	·473
	13	·390	·384	·384	·384	·387	·387	·384	·384	—	·387	·384
	14	·413	·407	·393	—	—	—	—	—	—	—	—
	15	—	—	—	·345	·344	·338	·322	·314	·306	·317	·315
	16	·309	·311	·327	·330	·338	·343	·343	·338	·341	·346	·363
	17	·304	·290	·286	·255	·291	·288	·288	·279	·285	·296	·309
	18	·428	·408	·400	·402	·488	·393	·390	·395	·389	·375	·397
	19	·457	·440	·445	·450	·468	·465	·462	·466	·466	·481	·470
	20	·297	·298	·293	·293	·289	·295	·290	·287	·287	·279	·270
	21	·257	·255	·248	—	—	—	—	—	—	—	—
	22	—	—	—	·306	·297	·306	·303	·287	·289	·295	·281
	23	·296	·296	·291	·290	—	·279	·271	·298	·282	·285	·328
	24	·437	·433	·433	·430	·430	·427	·427	·431	—	·463	·488
	25	·485	·484	·495	·492	·503	·500	·499	·491	·508	·520	·525
	26	·337	·330	·345	·340	—	·351	·367	·381	·393	·405	·393
	27	·387	·375	·378	·383	·382	·405	·400	·400	·400	·407	·412
	28	·470	·473	·465	—	—	—	—	—	—	—	—
	29	—	—	—	—	·496	·488	·485	·496	·491	·518	·517
	30	·477	·468	·432	·413	·336	·342	·331	·342	·357	·385	·345
Hourly Means	·371	·368	·366	·362	·366	·363	·360	·359	·359	·371	·379	·383

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.

12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
—	—	—	—	—	—	—	—	—	—	—	—	} 81
66	64	66	68	63	64	67	70	79	84	87	89	
77	69	58	67	69	62	70	66	72	75	79	91	} 83
70	58	71	69	59	63	69	66	76	76	83	83	
67	77	84	84	83	83	82	77	86	95	97	98	} 84
93	84	84	81	74	84	86	83	85	93	99	99	
71	36	34	31	32	27	33	44	56	41	50	56	} 67
—	—	—	—	—	—	—	—	—	—	—	—	
59	59	57	58	45	51	68	71	72	82	80	82	} 70
61	69	56	55	53	52	45	47	47	51	59	65	
52	52	49	46	42	46	46	49	51	51	62	75	} 61
73	67	76	71	71	70	72	72	78	88	95	96	
82	73	81	84	78	87	97	100	100	100	100	100	} 94
100	100	100	98	98	99	99	96	98	100	100	100	
—	—	—	—	—	—	—	—	—	—	—	—	} 87
73	74	73	76	75	81	75	81	86	88	94	90	
89	92	81	76	68	59	59	56	61	65	71	69	} 84
64	67	73	73	72	70	71	68	65	83	87	91	
62	56	48	60	59	71	82	82	78	69	70	74	} 79
100	99	95	92	91	90	90	98	92	90	96	85	
81	70	77	62	57	53	53	61	62	67	84	82	} 77
—	—	—	—	—	—	—	—	—	—	—	—	
63	60	56	56	54	62	59	51	52	62	70	73	} 70
63	63	59	58	59	58	62	56	69	75	79	82	
73	71	67	79	72	73	63	53	58	61	65	69	} 76
85	77	72	62	80	65	79	48	42	46	58	63	
78	71	70	63	67	69	67	66	66	74	84	88	} 79
78	74	76	75	75	72	72	70	75	87	97	97	
—	—	—	—	—	—	—	—	—	—	—	—	} 86
89	89	78	71	67	55	54	48	49	99	97	98	
59	56	52	51	53	46	46	46	48	55	63	73	} 65
74	70	69	68	66	66	68	66	69	75	81	83	
In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
—	—	—	—	—	—	—	—	—	—	—	—	} 351
327	345	361	382	381	364	357	351	375	379	361	366	
357	393	377	436	456	434	431	393	409	382	382	405	} 383
416	423	475	488	387	385	401	385	395	392	393	377	
339	449	448	440	437	437	434	417	422	416	411	410	} 400
430	437	440	463	441	455	445	437	427	430	433	436	
507	359	357	371	381	366	384	339	335	221	234	254	} 383
—	—	—	—	—	—	—	—	—	—	—	—	
294	324	326	339	318	322	378	389	368	371	348	348	} 307
297	350	303	314	316	314	300	292	288	274	274	287	
300	298	304	315	303	337	319	326	329	308	326	353	} 307
367	379	403	375	395	417	441	410	427	420	440	446	
466	463	460	456	424	413	421	413	413	404	404	396	} 435
393	400	410	413	410	412	417	402	407	413	413	413	
—	—	—	—	—	—	—	—	—	—	—	—	} 325
304	303	295	315	297	322	297	308	312	298	309	304	
392	408	392	416	411	361	350	338	320	313	313	294	} 348
321	354	399	422	418	432	440	434	391	434	424	432	
406	412	399	463	463	472	465	465	456	414	407	406	} 417
454	423	410	385	369	360	348	352	317	296	288	263	
294	254	258	255	242	245	228	258	231	243	269	255	} 270
—	—	—	—	—	—	—	—	—	—	—	—	
290	298	310	334	310	353	332	323	311	315	315	309	} 300
337	347	358	372	386	382	395	405	432	443	442	434	
497	506	496	560	543	566	522	514	494	476	479	481	} 479
512	490	510	520	582	495	530	385	331	329	336	334	
393	402	404	401	432	444	444	454	408	409	395	400	} 392
447	477	487	506	519	532	528	495	494	480	480	465	
—	—	—	—	—	—	—	—	—	—	—	—	} 524
575	600	614	599	650	582	557	439	480	541	495	474	
360	355	370	372	402	383	385	385	396	395	381	395	} 381
385	394	399	412	411	407	406	389	383	377	375	374	

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
Humidity of the Air. DECEMBER.	1	75	79	92	78	85	90	90	93	88	87	80	70
	2	89	91	92	95	95	94	93	93	84	78	68	59
	3	66	70	72	75	76	76	77	72	—	76	81	80
	4	68	66	70	73	72	72	75	70	76	75	69	62
	5	68	70	70	—	—	—	—	—	—	—	—	—
	6	—	—	—	93	94	100	98	97	94	90	74	68
	7	88	89	84	88	86	82	81	81	82	82	70	71
	8	72	75	75	81	83	88	94	95	93	81	67	59
	9	53	56	59	61	63	65	67	70	70	64	66	56
	10	48	48	49	50	—	60	60	62	64	55	59	54
	11	90	92	89	95	96	97	97	97	—	95	90	86
	12	81	88	85	—	—	—	—	—	—	—	—	—
	13	—	—	—	97	97	96	97	96	97	92	89	88
	14	91	91	96	97	100	100	100	99	100	97	88	82
	15	88	87	91	89	76	80	88	86	91	91	81	81
	16	69	68	76	79	81	80	77	78	79	73	67	63
	17	76	87	88	94	94	98	98	96	94	86	76	69
	18	54	62	71	68	70	74	78	81	75	73	69	84
	19	67	72	69	—	—	—	—	—	—	—	—	—
	20	—	—	—	71	71	74	78	82	82	77	64	64
	21	75	81	82	83	85	97	96	97	96	83	71	63
	22	48	52	65	52	61	57	60	51	—	35	51	43
	23	75	78	82	83	86	81	86	81	86	79	69	63
	24	77	80	79	a	—	—	—	—	—	—	—	—
	25	—	—	—	84	86	85	92	93	85	63	55	53
	26	60	60	64	—	—	—	—	—	—	—	—	—
	27	—	—	—	66	69	71	74	76	71	72	62	59
	28	80	84	83	78	73	74	77	82	81	74	66	63
	29	87	86	87	97	96	89	94	93	94	88	85	79
	30	87	85	81	84	82	80	84	86	88	79	70	64
	31	84	85	88	88	88	89	89	89	94	91	94	90
	Hourly Means	74	76	78	81	82	83	85	84	85	78	73	68
Tension of the Vapour. DECEMBER.	1	In. .389	In. .385	In. .431	In. .366	In. .376	In. .382	In. .366	In. .365	In. .370	In. .394	In. .402	In. .391
	2	.415	.412	.411	.416	.413	.406	.397	.391	.365	.357	.371	.349
	3	.295	.308	.319	.324	.324	.319	.318	.290	—	.324	.329	.308
	4	.230	.218	.226	.232	.230	.228	.235	.225	.244	.254	.263	.270
	5	.293	.292	.292	—	—	—	—	—	—	—	—	—
	6	—	—	—	.394	.377	.381	.372	.361	.359	.386	.359	.370
	7	.416	.418	.376	.360	.332	.312	.302	.299	.312	.315	.292	.321
	8	.347	.347	.335	.342	.327	.331	.342	.341	.362	.354	.341	.348
	9	.401	.393	.392	.392	.386	.390	.383	.386	.391	.392	.458	.431
	10	.430	.399	.389	.386	—	.420	.415	.416	.441	.450	.501	.519
	11	.578	.560	.542	.551	.549	.539	.518	.511	—	.568	.565	.588
	12	.556	.598	.571	—	—	—	—	—	—	—	—	—
	13	—	—	—	.449	.445	.435	.438	.431	.431	.411	.418	.407
	14	398	.402	.422	.411	.426	.423	.430	.423	.433	.441	.431	.434
	15	.450	.444	.425	.418	.385	.403	.416	.411	.432	.455	.445	.476
	16	.265	.258	.274	.284	.299	.299	.295	.294	.305	.316	.306	.311
	17	.375	.417	.403	.397	.377	.387	.366	.356	.359	.365	.365	.376
	18	.268	.289	.305	.291	.287	.307	.318	.311	.298	.314	.336	.357
	19	.248	.271	.252	—	—	—	—	—	—	—	—	—
	20	—	—	—	.322	.325	.325	.337	.348	.348	.350	.347	.367
	21	.379	.400	.407	.410	.388	.415	.396	.399	.412	.413	.403	.387
	22	.289	.267	.310	.242	.276	.246	.251	.203	—	.164	.249	.229
	23	.347	.337	.342	.330	.329	.310	.320	.297	.338	.316	.319	.340
	24	.361	.371	.366	a	—	—	—	—	—	—	—	—
	25	—	—	—	.452	.449	.439	.431	.426	.380	.328	.311	.325
	26	.243	.234	.242	—	—	—	—	—	—	—	—	—
	27	—	—	—	.304	.314	.325	.331	.336	.322	.337	.335	.349
	28	.398	.382	.353	.325	.305	.298	.302	.310	.310	.317	.319	.334
	29	.472	.457	.440	.480	.469	.445	.448	.445	.460	.450	.457	.458
	30	.424	.423	.411	.421	.426	.417	.421	.426	.431	.441	.431	.440
	31	.471	.473	.478	.474	.478	.485	.477	.473	.491	.490	.506	.487
	Hourly Means	.374	.375	.373	.376	.372	.372	.370	.364	.373	.373	.379	.355

* Christmas Day.

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.

12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
70	71	67	70	75	80	84	82	84	84	87	87	81
51	48	53	45	45	44	49	49	49	54	64	73	69
70	59	51	58	53	58	52	48	41	47	58	67	64
69	62	61	59	61	63	67	70	64	58	66	64	67
—	—	—	—	—	—	—	—	—	—	—	—	76
61	60	53	44	54	68	76	75	78	76	80	87	68
66	62	57	52	52	47	45	42	44	50	61	67	64
57	55	52	44	42	39	40	42	45	51	54	51	56
55	51	47	42	53	60	57	50	51	45	44	43	59
45	42	39	50	53	55	67	67	69	90	85	86	84
80	71	73	68	68	68	69	89	—	73	88	86	89
—	—	—	—	—	—	—	—	—	—	—	—	86
88	93	91	92	88	75	83	80	83	83	87	88	77
73	77	72	74	75	75	74	71	77	77	85	88	64
73	70	72	66	60	78	78	70	68	59	65	72	67
57	56	53	50	48	43	40	36	56	60	66	77	64
57	52	46	43	41	33	41	36	43	47	55	52	64
75	64	49	44	39	65	54	54	52	59	61	67	68
—	—	—	—	—	—	—	—	—	—	—	—	65
54	50	53	50	60	69	63	64	65	71	81	83	47
61	54	52	44	47	43	42	40	38	38	43	53	71
52	51	41	30	37	32	33	30	31	41	62	69	64
56	55	45	59	57	61	73	64	69	68	75	79	56
—	—	—	—	—	—	—	—	—	—	—	—	69
53	48	50	62	38	51	40	48	40	49	60	60	69
—	—	—	—	—	—	—	—	—	—	—	—	79
51	48	42	45	40	44	37	34	34	33	59	74	72
55	47	43	51	51	56	58	64	64	72	87	88	91
71	67	62	66	62	66	62	70	78	78	73	79	95
57	59	58	58	61	63	67	68	63	66	70	79	—
95	95	90	89	92	87	93	94	94	94	96	98	—
64	60	57	56	56	59	59	59	59	62	69	74	70
In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
·427	·429	·444	·465	·444	·421	·437	·434	·412	·399	·400	·404	·406
·327	·312	·332	·302	·311	·304	·356	·319	·301	·309	·331	·331	·353
·293	·292	·272	·293	·283	·273	·269	·250	·224	·218	·229	·239	·287
·297	·299	·326	·331	·369	·362	·365	·352	·307	·292	·309	·289	·281
—	—	—	—	—	—	—	—	—	—	—	—	·378
·372	·382	·383	·370	·438	·429	·422	·359	·424	·415	·409	·424	·348
·312	·337	·357	·337	·368	·359	·376	·376	·369	·381	·376	·351	·394
·383	·411	·444	·434	·444	·451	·461	·474	·472	·488	·472	·406	·452
·430	·460	·467	·480	·537	·588	·563	·539	·563	·522	·481	·431	·503
·480	·496	·478	·517	·545	·542	·617	·658	·594	·693	·590	·583	·578
·595	·575	·627	·601	·611	·596	·560	·680	—	·586	·621	·593	·440
—	—	—	—	—	—	—	—	—	—	—	—	·437
·413	·430	·436	·435	·410	·400	·406	·398	·413	·417	·404	·397	·423
·399	·437	·455	·468	·471	·460	·446	·448	·454	·442	·465	·462	·314
·479	·510	·527	·524	·496	·440	·409	·355	·337	·324	·296	·290	·344
·320	·314	·335	·338	·321	·311	·336	·306	·379	·338	·355	·378	·297
·369	·351	·325	·314	·315	·270	·309	·287	·297	·287	·309	·274	·352
·345	·314	·265	·243	·239	·337	·295	·305	·282	·281	·257	·267	·416
—	—	—	—	—	—	—	—	—	—	—	—	·266
·350	·348	·364	·374	·399	·420	·386	·392	·383	·381	·404	·406	·349
·398	·402	·436	·439	·485	·486	·449	·417	·422	·403	·412	·416	·338
·297	·304	·258	·202	·274	·264	·279	·233	·264	·314	·356	·356	·321
·334	·362	·342	·404	·368	·376	·426	·359	376	·359	·362	·372	·380
—	—	—	—	—	—	—	—	—	—	—	—	·434
·332	·316	·350	·385	·271	·312	·250	·277	·221	·258	·259	·251	·443
—	—	—	—	—	—	—	—	—	—	—	—	·519
·334	·324	·307	·340	·319	·335	·339	·318	·321	·308	389	·398	—
·332	·338	·344	·384	·421	·462	·482	·486	·464	·487	·491	·478	—
·429	·424	·419	·431	·415	·425	·399	·427	·427	·393	·366	·382	—
·449	·471	·468	·491	·476	·481	·480	·464	·442	·425	·419	·450	—
·509	·513	·503	·504	·560	·561	·582	·598	·588	·593	·587	·583	—
·385	·390	·395	·400	·407	·410	·412	·404	·386	·397	·398	·393	·386



VAN DIEMEN ISLAND, 1846.

METEOROLOGICAL JOURNAL.

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE. ^a			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
JANUARY.		°	°	°	In.		
D.	H.						
1	0	86°0	88°7	54°3	0°01	0°4	Dark and gloomy, terminating in a fresh N.W. gale.
1	6	71°0				0°7	
1	12	61°0				0°6	
1	18	56°9				0°1	
2	0	69°0	72°2	47°4	0°01	0°2	Overcast and unsettled, with occasional squalls and showers.
2	6	62°2				1°0	
2	12	48°0				0°6	
2	18	48°8	—	—		0°5	Overcast, with an oppressive atmosphere.
3	0	59°7				0°7	
3	6	56°4				0°7	
Sunday.							
4	12	57°5	72°3	48°7		0°5	A hot wind, with close oppressive atmosphere.
4	18	56°6				0°7	
5	0	77°8	84°1	56°6		1°0	Generally fine ; a smoky haze prevalent.
5	6	64°0				1°0	
5	12	57°0				0°7	
5	18	56°8				1°0	
6	0	64°4	68°3	52°4		0°6	Fine ; haze continuing.
6	6	59°1				0°6	
6	12	56°8				0°4	
6	18	55°5	77°5	62°7		0°7	Overcast, with dense haze, and occasional thunder.
7	0	74°8				0°4	
7	6	68°8	95°0	52°2	1°03	0°7	Rain, with hard squalls, but clearing up at the close of the day.
7	12	65°0				0°5	
7	18	64°6				0°6	
8	0	89°2	67°0	49°2		1°0	Fine, and settled throughout the day.
8	6	65°8				1°0	
8	12	60°3				1°0	
8	18	55°2				0°8	
9	0	61°0	—	—		0°5	Fine, with haze.
9	6	62°0				0°2	
9	12	51°3				0°2	
9	18	52°0				0°7	
10	0	69°3				0°5	
10	6	68°0					
Sunday.							
11	12	62°3	79°0	55°0		0°8	A thick haze prevailing; in the evening, a light rain, with thunder.
11	18	61°5				0°2	
12	0	74°5	76°1	58°0		0°5	Drizzling rain, with close atmosphere, terminating in fine weather.
12	6	60°7				1°0	
12	12	59°0				1°0	
12	18	60°0				0°5	
13	0	64°0	68°2	49°7		0°8	Fine throughout, with cir. and cir.-cum.
13	6	59°6				0°7	
13	12	53°0				0°2	
13	18	53°6	71°2	55°0		0°0	Fine and settled, with a considerable cirrus haze.
14	0	70°0				0°5	
14	6	61°3	75°3	53°3		0°5	Fine throughout.
14	12	56°0				0°0	
14	18	59°2				0°5	
15	0	72°5	73°8	54°3		0°7	Overcast and unsettled, with showers.
15	6	62°2				0°6	
15	12	55°9				0°7	
15	18	56°6				0°7	
16	0	66°1	—	—		1°0	Overcast, with squalls and showers.
16	6	64°2				0°7	
16	12	57°0				0°7	
16	18	55°5				0°7	
17	0	61°3				1°0	
17	6	61°5				1°0	
Sunday.							
18	12	57°2	76°8	53°5	0°03	1°0	A fresh N.W. gale, with passing squalls and showers.
18	18	54°8				0°4	

^a Dew point not observed; ether expended.

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
JANUARY.							
D.	H.	°	°	°	In.		
19	0	61.4	63.2	45.0	0.03	0.6	A fresh N.W. gale, terminating in thick weather, with rain.
19	6	56.4					
19	12	47.5					
19	18	46.3	62.0	47.5	0.25	0.7	Thick weather, with squalls and rain; a fresh gale from N.W.
20	0	57.2					
20	6	53.5					
20	12	51.6					
20	18	—	68.0	54.6	—	0.6	Squally and unsettled, with rain; fine at the close of the day.
21	0	60.5					
21	6	62.5					
21	12	55.2	75.0	56.2	—	0.7	Fine, with a hot wind and close atmosphere.
21	18	58.1					
22	0	65.1					
22	6	65.0	84.6	61.0	—	0.4	Squally at the commencement, but fine at the close of the day.
22	12	57.7					
22	18	57.8					
23	0	74.5	84.6	61.0	—	0.2	Squally at the commencement, but fine at the close of the day.
23	6	75.4					
23	12	63.0					
23	18	62.8	—	—	—	0.8	Nearly overcast.
23	18	62.8					
24	0	69.5					
24	6	72.7	—	—	—	1.0	Nearly overcast.
24	6	72.7					
24	6	72.7					
Sunday.							
25	12	58.6	89.0	55.7	—	0.7	Fine, but cloudy; a few drops of rain at mid-day.
25	18	61.1					
26	0	70.8	77.8	52.2	—	1.0	Fine settled weather throughout.
26	6	68.0					
26	12	54.0					
26	18	54.2	71.0	58.9 ^a	—	0.4	The sky overcast, with heavy cum.; a N.W. wind in gusts.
27	0	69.3					
27	6	65.2					
27	12	59.0	73.2	59.8	—	1.0	Fine, with heavy-looking cum.
27	18	61.8					
28	0	68.4					
28	6	67.6	83.5	56.3	0.02	0.7	Fine, with cir. and a general cirrus haze and light misty rain.
28	12	61.6					
28	18	62.3					
29	0	72.2	79.5	54.7	—	0.5	A fresh N.W. gale at the commencement of the day, terminating in fine weather.
29	6	66.0					
29	12	58.3					
29	18	59.6	—	—	—	0.9	Fine, with a hot wind and close atmosphere.
30	0	75.2					
30	6	72.0					
30	12	60.8	—	—	—	0.6	Fine, with a hot wind and close atmosphere.
30	18	56.2					
31	0	70.5					
31	6	64.1	—	—	—	0.2	Fine, with a hot wind and close atmosphere.
31	6	64.1					
31	6	64.1					
Sunday.							
FEBRUARY.							
1	12	61.0	74.0	50.6	—	0.5	A hot wind, with close atmosphere and dense smoky haze.
1	18	63.0					
2	0	79.6	91.8	63.8	0.93	1.0	Rain nearly throughout the day, clearing up at 23 ^h .
2	6	77.0					
2	12	67.8					
2	18	66.4	69.4	52.0	0.09	1.0	Atmosphere much cooled after the rain; weather unsettled, with squalls and showers.
3	0	67.8					
3	6	61.8					
3	12	54.7	63.8	52.0	—	0.1	Cold raw atmosphere, with squalls and showers at commencement, terminating in fine weather.
3	18	53.0					
4	0	57.4					
4	6	54.0	—	—	—	0.9	Cold raw atmosphere, with squalls and showers at commencement, terminating in fine weather.
4	12	52.5					
4	18	53.6					

^a Lowest hourly reading of the Standard Thermometer.

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.			
		Air.	Max. Therm.	Min. Therm.						
FEBRUARY.		°	°	°	In.					
D.	H.									
5	0	66°0	}	59°8		0·7	} Very unsettled; a hot wind at mid-day, with nimb. and violent squalls.			
5	6	66°4				0·9				
5	12	61°6				0·5				
5	18	63°0	}	59°0	0·54	0·5	} A good deal of rain, terminating in fine weather.			
6	0	77°2				1·0				
6	6	71°8				0·7				
6	12	67°0	}			1·0	} Cloudy, but fine.			
6	18	60°0				1·0				
7	0	56°6				1·0				
7	6	59°0	}			0·5	} Generally fine, with cir.; a sea breeze.			
Sunday.						68°5		48°7		1·0
8	12	53°0				}		75°5	54°5	0·5
8	18	52°7	0·7							
9	0	67°0	0·2							
9	6	68°0	}	44°0	0·10	1·0	} Wind suddenly fallen at 0 ^h , with light misty rain and unsettled weather throughout the day.			
9	12	54°8				1·0				
9	18	54°8				1·0				
10	0	69°0	}			1·0	} Unsettled, with occasional rain; evening more settled.			
10	6	61°0				1·0				
10	12	45°5				1·0				
10	18	45°6	}	48°2		1·0	} A light rain in the middle of the day; generally fine weather.			
11	0	50°6				0·9				
11	6	49°8				0·9				
11	12	49°2	}	45°2		0·7	} Fine, with soft cum. and a clear atmosphere.			
11	18	52°8				0·7				
12	0	61°0				0·7				
12	6	58°0	}	63°0	48°7	0·9	} Nearly overcast.			
12	12	53°6				0·7				
12	18	49°4				0·2				
13	0	58°8	}	66°3	45°2	0·7	} Fine at commencement, dark and overcast at the close.			
13	6	55°0				0·5				
13	12	47°8				0·4				
13	18	46°4	}			0·7	} Generally fine, with cum.			
14	0	59°3				0·7				
14	6	56°8				0·7				
Sunday.			69°0	47°3		0·5	} Generally fine, with cum.			
15	12	51°0	}	71°5	54°7	0·4				
15	18	52°6				1·0				
16	0	68°3				1·0				
16	6	61°5	}	71°8	47°2	0·7	} Fine throughout, with the usual haze caused by the sea breeze.			
16	12	57°0				0·5				
16	18	55°8				0·6				
17	0	69°0	}	64°2	44°8	0·2	} Fine; settled weather throughout.			
17	6	59°9				0·2				
17	12	51°0				0·0				
17	18	49°8	}	67°2	54°0	1·0	} Fine at the commencement, overcast and unsettled towards the close			
18	0	63°0				0·5				
18	6	56°4				0·9				
18	12	48°8	}	76°5	51°2	0·6	} Fine; a light rain at the close of the day.			
18	18	45°8				1·0				
19	0	64°0				0·7				
19	6	60°3	}			0·7	} Fine, but cloudy.			
19	12	55°8				0·9				
19	18	56°8				0·7				
20	0	71°0	}			1·0	} Generally fine, with cum. and cir.-cum.			
20	6	70°6				1·0				
20	12	55°4				0·4				
20	18	52°0	}			0·7				
21	0	65°3				0·9				
21	6	63°2				0·7				
Sunday.			72°5	52°0		1·0	} Generally fine, with cum. and cir.-cum.			
22	12	56°0	}			0·4				
22	18	52°6				0·4				

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
FEBRUARY.							
D.	H.	°	°	°	In.		
23	0	67·8	71·7	50·2	0·01	0·6	A watery haze prevailing, with a light rain at the close of the day.
23	6	59·2				0·4	
23	12	51·7				0·0	
23	18	50·8				—	
24	0	63·7	69·8	54·4		1·0	Fine, with cum.
24	6	58·2				0·7	
24	12	55·0				1·0	
24	18	55·7				0·7	
25	0	65·6	72·8	59·2	0·04	0·7	Fine at the commencement, terminating with squalls and showers.
25	6	66·8				0·5	
25	12	60·3				0·2	
25	18	60·0				0·6	
26	0	62·2	64·0	45·6	0·02	0·8	Rain, with squalls at commencement, terminating in fine weather.
26	6	51·0				0·4	
26	12	46·3				0·3	
26	18	47·5				0·5	
27	0	62·2	68·0	49·6		0·4	A watery haze generally covering the sky, otherwise fine.
27	6	59·4				0·6	
27	12	51·6				0·3	
27	18	51·0				0·8	
28	0	65·6				0·9	Cloudy, with a general watery haze.
28	6	64·2				0·7	
Sunday.							
MARCH.							
1	12	55·8	73·0	52·7		0·0	Cloudy, with damp atmosphere and general watery haze.
1	18	52·7				1·0	
2	0	66·0				0·4	
2	6	63·9	—	—		0·4	Fine, with cir. and a good deal of haze.
2	12	55·8				0·0	
2	18	49·8				0·8	
3	0	64·8				0·4	
3	6	62·0	—	50·3		0·9	Fine at commencement ; a violent hot wind at mid-day.
3	12	56·8				0·0	
3	18	64·0				0·2	
4	0	90·0	92·1	55·8		0·2	A light misty rain at commencement, terminating in a hot wind, with sultry atmosphere.
4	6	60·2				1·0	
4	12	56·8				0·8	
4	18	58·0				0·8	
5	0	86·8	98·8	58·5		0·3	Variable unsettled weather, with squalls and light showers.
5	6	90·0				0·5	
5	12	66·0				0·6	
5	18	58·7				0·8	
6	0	62·8				0·5	
6	6	58·8	—	—		0·5	Generally fine, with cir. and strat.
6	12	49·2				0·0	
6	18	48·6				0·6	
7	0	60·8				0·8	
7	6	60·9	—	—		0·9	Fine, with cir. and strat.
Sunday.							
8	12	59·7	74·5	49·0		0·0	Fine throughout.
8	18	58·9				0·3	
9	0	68·8				0·3	
9	6	59·3	72·8	51·5		0·8	Fine, with cum. and cir.
9	12	57·5				1·0	
9	18	52·8				1·0	
10	0	62·2				0·3	
10	6	56·6	65·2	47·1		0·0	Generally cloudy, but fine.
10	12	50·4				0·9	
10	18	47·3				0·8	
11	0	62·8				0·6	
11	6	56·8	66·0	44·2 ^a		0·8	Fine throughout.
11	12	52·0				0·8	
11	18	44·8				0·1	

^a Lowest hourly reading of the Standard Thermometer.

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max Therm.	Min Therm.			
MARCH.							
D.	H.	°	°	°	In.		
12	0	61·4	64·3	45·3		0·8	} Fine, with cir. and a general cirrus haze.
12	6	58·7				0·7	
12	12	48·8				0·0	
12	18	46·8	79·2	55·6		0·1	} A dense haze prevailing throughout the whole of this day.
13	0	67·8				0·5	
13	6	71·8				0·5	
13	12	61·2	—	—		0·4	} Fine, with haze continuing.
13	18	56·2				0·5	
14	0	78·2				0·8	
14	6	63·0				0·8	
Sunday.							
15	12	50·8	80·0	47·7		0·0	} Fine throughout.
15	18	48·4				0·9	
16	0	65·0	70·4	53·4		0·5	} Fine, with cum. and a clear atmosphere.
16	6	62·7				0·1	
16	12	54·3				0·8	
16	18	53·8	77·8	59·6 ^a	0·02	0·5	} The day commencing with fine weather ; misty rain in the evening.
17	0	73·0				0·6	
17	6	68·2				0·3	
17	12	61·6	73·6	56·6	0·28	0·8	} Rain throughout the whole of the day, with occasional thunder.
17	18	59·6				0·7	
18	0	71·6				0·8	
18	6	67·7	—	54·5	0·92	1·0	} Rain continuing, but abating at intervals.
18	12	66·0				1·0	
18	18	64·0				1·0	
19	0	59·3	71·2	54·8 ^a	0·34	1·0	} A heavy thunder storm at 5 ^h , terminating in cloudy unsettled weather.
19	6	56·7				0·9	
19	12	56·0				0·9	
19	18	59·1	—	—		0·8	} Fine, with occasional light rain.
20	0	69·4				0·5	
20	6	65·8				0·6	
20	12	65·8	69·3	51·5	0·04	1·0	} Fine, with occasional light showers.
20	18	54·8				1·0	
21	0	67·8				1·0	
21	6	61·5	61·0	49·2 ^a		0·6	} Fine at the commencement, ending in squally unsettled weather.
22	12	53·8				0·4	
22	18	51·8				0·5	
23	0	56·0	55·8	48·6		0·4	} Fine, with cum.
23	6	54·0				0·6	
23	12	49·4				0·7	
23	18	51·7	59·2	47·7	0·55	1·0	} Rain throughout the greater part of the day.
24	0	59·4				1·0	
24	6	50·5				1·0	
24	12	48·6	62·8	50·4		0·6	} Cloudy, with a damp atmosphere.
24	18	49·0				1·0	
25	0	56·5				1·0	
25	6	51·1	67·2	48·0		0·4	} Showery in the middle of the day ; gloomy and lowering.
25	12	48·7				0·5	
25	18	48·9				0·5	
26	0	50·8	—	—		0·6	} Gloomy, with occasional showers.
26	6	52·6				0·5	
26	12	51·0				0·9	
26	18	51·2	59·2	42·6	00·4	0·7	} Squally and unsettled, with occasional rain.
27	0	66·0				0·4	
27	6	57·7				1·0	
27	12	51·5				0·4	
27	18	48·0				1·0	
28	0	54·3					
28	6	48·2					
Sunday.							
29	12	46·0					
29	18	49·3					

^a Lowest hourly readings of the Standard Thermometer.

Mean Time Van Diemen Island, Astronomical Reckoning.	TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
	Air.	Max. Therm.	Min. Therm.			
MARCH.						
D. H.	°	°	°	In.		
30 0	57.0	60.8	46.5	0.02	1.0	Squally, with frequent showers.
30 6	54.3				0.9	
30 12	49.2				0.8	
30 18	45.6	54.4	40.4		0.8	Overcast and gloomy, with a cold raw atmosphere.
31 0	50.2				0.5	
31 6	44.3				1.0	
31 12	41.0				0.6	
31 18	43.8				1.0	
APRIL.						
1 0	50.5	55.0	49.2		1.0	Damp weather, with small misty rain.
1 6	49.8				1.0	
1 12	49.2				0.9	
1 18	49.3	57.4	49.4 ^a		1.0	Misty rain, clearing up in the evening.
2 0	53.8				1.0	
2 6	51.7				1.0	
2 12	50.4				0.9	
2 18	49.4	60.0	47.2		1.0	Fine at commencement, overcast and gloomy at the close.
3 0	58.0				0.2	
3 6	52.2				0.5	
3 12	48.8	—	—		0.9	Gloomy and overcast.
3 18	47.7				0.5	
4 0	59.6				1.0	
4 6	58.2				1.0	
Sunday.						
5 12	51.2	66.0	50.5		0.9	Cloudy; a fresh N.W. gale in the latter part of the day.
5 18	52.6				0.5	
6 0	59.2	64.5	54.9		1.0	Squally, with showers, terminating in fine weather.
6 6	57.0				0.7	
6 12	56.0				0.8	
6 18	57.0	66.6	51.2 ^a		0.8	Fine, with cum.
7 0	64.2				0.5	
7 6	58.0				0.1	
7 12	54.6				0.0	
7 18	51.2	—	—		0.8	Gloomy and overcast.
8 0	65.0				0.4	
8 6	56.2				0.8	
8 12	53.0	—	—		1.0	Gloomy and overcast.
8 18	51.6				1.0	
9 0	59.4				1.0	
9 6	56.0					
Good Friday.						
10 12	59.2	68.5	52.4	0.84	1.0	A fresh gale from N.W., terminating in hard rain.
10 18	53.4				1.0	
11 0	54.0	—	—	0.08	1.0	Squally, with rain at the close of the day.
11 6	46.2				1.0	
Sunday.						
12 12	56.4	—	40.2	0.24	1.0	Squally, with occasional rain.
12 18	55.5				1.0	
13 0	64.0	68.0	43.0		1.0	Unsettled at commencement, fine at the close of the day.
13 6	62.0				1.0	
13 12	59.0				0.7	
13 18	54.3	71.0	58.2	0.10	1.0	A violent N.W. gale, with occasional rain.
14 0	66.0				0.2	
14 6	63.8				0.3	
14 12	57.5				1.0	
14 18	63.0	72.2	45.1	0.10	0.9	Rain, with squalls; more settled at the close of the day.
15 0	67.8				0.9	
15 6	54.1				0.3	
15 12	47.1				0.4	
15 18	45.6				0.8	

^a Lowest hourly readings of the Standard Thermometer.

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain. In.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
APRIL.		°	°	°			
D.	H.						
16	3	53·9	59·8	50·0		0·6	} Fine, with cir. and cir-cum.
16	6	52·0				0·5	
16	12	49·6				1·0	
16	18	50·3	67·8	56·0	0·05	0·7	} Fine; a light rain in the evening.
17	0	64·6				0·8	
17	6	59·3				0·4	
17	12	57·8	—	—	0·20	0·4	} Cloudy, with occasional light rain.
17	18	56·6				1·0	
18	0	66·5				0·6	
18	6	58·6	69·0	43·3	0·25	0·7	} Heavy rain at commencement, with showers throughout the day.
Sunday.		46·0				1·0	
19	12	43·8				0·8	
19	18	47·8	51·8	43·2 ^a		0·8	} Dark and gloomy; clouds threatening.
20	0	45·0				0·6	
20	6	43·5				0·8	
20	12	44·7	56·3	41·5		0·8	} Fine, and almost cloudless throughout.
20	18	44·7				1·0	
21	0	54·8				0·2	
21	6	49·1	—	—		0·1	} Fine throughout.
21	12	44·1				0·1	
21	18	42·7				0·9	
22	0	54·3	63·0	44·2		0·0	} Fine throughout.
22	6	49·8				0·5	
22	12	45·0				0·9	
22	18	46·5	61·5	42·7		0·1	} Fine, with cir.
23	0	58·8				1·0	
23	6	52·6				0·4	
23	12	48·7	61·5	42·7		0·8	} Overcast, with thick fog.
23	18	45·2				0·3	
24	0	57·5				0·3	
24	6	53·4	—	—	0·62	0·3	} Overcast, with showers of rain.
24	12	49·3				0·5	
24	18	44·2				1·0	
24	0	53·0	59·0	45·2		1·0	} A thick fog prevailing, ending fine and clear.
25	6	55·4				1·0	
Sunday.		51·2				—	
26	12	47·4	61·0	49·6	0·23	0·7	} Fog, terminating in continuous rain.
26	18	57·3				1·0	
27	0	54·0				1·0	
27	6	52·7	56·8	46·4 ^a	0·03	1·0	} Squally; with showers throughout the day.
27	12	51·2				1·0	
27	18	52·9				1·0	
28	0	51·8	54·8	45·1 ^a		1·0	} Unsettled damp weather, with squalls.
28	6	51·0				0·9	
28	12	47·0				0·6	
28	18	51·0	55·5	47·8		0·8	} Fine, with cum.
29	0	48·8				0·3	
29	6	45·2				0·9	
29	12	45·2	—	—		0·5	} Fine; evening nearly overcast.
29	18	48·8				0·3	
30	0	54·0				0·9	
30	6	49·4	61·0	45·7		0·3	} Fine; cloudy at the close of the day.
30	12	48·1				0·8	
30	18	48·1				0·6	
MAY.							
1	0	56·7	60·8	45·3		0·8	} Cloudy, with fog; rain commencing at the close of the day.
1	6	51·8				0·1	
1	12	50·0				0·9	
1	18	46·7	—	—		0·7	} Fine; evening nearly overcast.
2	0	55·8				0·6	
2	6	54·2				1·0	
Sunday.							
3	12	48·6	61·0	45·7		0·0	} Fine; cloudy at the close of the day.
3	18	46·4				0·4	

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Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
MAY.		°	°	°	In.		
D.	H.						
4	0	51.8	57.8	42.3 ^a		1.0	} Fine at commencement, terminating with squalls and showers.
4	6	49.0				1.0	
4	12	43.6				0.1	
4	18	42.3	49.6	39.8	0.08	0.6	} A fresh gale, with strong squalls and heavy showers throughout the day.
5	0	45.2				1.0	
5	6	43.5				1.0	
5	12	44.1	51.0	40.5		0.5	} Unsettled at commencement, terminating in fine clear weather.
5	18	40.0				0.8	
6	0	45.2				0.8	
6	6	44.7	56.0	45.2		—	} Generally fine ; a fresh gale from N.W. at mid-day.
6	12	44.8				0.9	
6	18	47.0				0.7	
7	0	52.4	59.6	46.0 ^a		1.0	} Fine settled weather, with cir.
7	6	49.8				0.4	
7	12	47.6				0.1	
7	18	49.6	—	—		1.0	} Fine, with cir. and cir.-cum.
8	0	56.2				0.6	
8	6	53.0				0.1	
8	12	48.0	62.5	50.3		0.2	} Fine ; a strong N.W. gale throughout the day.
8	18	46.2				0.4	
9	0	55.5				0.7	
9	6	54.7	63.0	50.0 ^a		0.4	} Fine clear settled weather.
Sunday.						0.2	
10	12	55.3				0.4	
10	18	55.0	61.0	43.3		1.0	} Fine, with cum. and cir.
11	0	58.8				0.0	
11	6	58.0				0.9	
11	12	52.0	60.6	46.4	0.10	0.3	} Unsettled, with frequent squalls and showers.
11	18	50.8				0.8	
12	0	59.0				0.1	
12	6	51.5	53.1	40.8		1.0	} Unsettled, with squalls and showers ; more settled at the close of the day.
12	12	46.7				0.0	
12	18	44.0				0.2	
13	0	54.7	52.8	45.6 ^a	0.20	0.8	} Squally, with occasional rain.
13	6	55.0				0.3	
13	12	51.6				0.6	
13	18	46.6	—	—	0.05	0.4	} Fine, with occasional rain.
14	0	48.6				0.3	
14	6	45.8				0.3	
14	12	42.2	—	—	0.04	0.6	} Fine, with a light rain.
14	18	44.0				0.2	
15	0	49.8				0.8	
15	6	49.4	—	—	0.02	1.0	} Showery and unsettled.
15	12	47.2				0.9	
15	18	46.8				0.6	
16	0	53.2	—	—		0.3	} Weather cleared up and more settled.
16	6	49.7				0.4	
Sunday.						0.3	
17	12	42.4	—	—		0.3	} Fine, with cum. and cum.-strat.
17	18	40.0				0.2	
18	0	45.7				0.8	
18	6	44.5	—	—		0.5	} Fine, with cum. and cum.-strat.
18	12	41.4				0.2	
18	18	41.3				0.8	
19	0	46.3	—	—		0.8	} Fine, with cum. and cum.-strat.
19	6	43.2				0.3	
19	12	39.0				0.2	
19	18	36.4	—	—		0.8	} Fine, with cum. and cum.-strat.
20	0	47.8				0.9	
20	6	45.0				0.3	
20	12	41.7	—	—		0.5	} Fine, with cum. and cum.-strat.
20	18	43.5				0.7	

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Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
MAY.		°	°	°	In.		
D.	H.						
21	0	54°0	}	44°0	0°05	0°4	} Squally, with heavy showers.
21	6	47°8					
21	12	46°1					
21	18	44°5					
22	0	48°7	}	51°0	}	0°7	} Fine, with cum.
22	6	45°8					
22	12	44°6					
22	18	42°8					
23	0	52°6	}	}	}	0°3	} Fine, with cum.
23	6	45°5					
Sunday.							
24	12	45°6	}	39°3		0°9	} Fine; terminating in dark gloomy weather.
24	18	40°3					
25	0	50°6	}	58°0	0°01	0°9	} Rain, with fog; fine at the close of the day.
25	6	47°8					
25	12	45°4					
25	18	43°6					
26	0	50°6	}	56°8	0°11	0°1	} Rain, with a damp atmosphere; sky clearing in the evening.
26	6	45°6					
26	12	41°2					
26	18	42°5					
27	0	51°2	}	55°2	}	0°9	} A strong gale from N.W., otherwise fine.
27	6	48°8					
27	12	46°2					
27	18	49°0					
28	0	57°0	}	59°5	}	0°3	} A light rain; terminating in fine clear weather.
28	6	53°2					
28	12	47°4					
28	18	46°9					
29	0	52°6	}	56°0	}	0°6	} Fine and settled, with cum. and cir.
29	6	45°8					
29	12	43°0					
29	18	45°2					
30	0	51°9	}	}	}	0°6	} Fine, with cum. and cir.
30	6	47°6					
Sunday.							
31	12	45°0	}	38°7		0°3	} Cloudy, but fine.
31	18	47°8					
JUNE.							
1	0	56°7	}	60°8	}	0°4	} Fine, with cum.
1	6	53°0					
1	12	49°6					
1	18	47°2					
2	0	58°0	}	60°0	}	0°4	} Fine, with cir.
2	6	49°1					
2	12	46°3					
2	18	43°0					
3	0	50°4	}	54°6	}	0°7	} Overcast and gloomy.
3	6	47°8					
3	12	48°6					
3	18	48°7					
4	0	56°8	}	60°0	}	1°0	} Fine and more settled; clear at the close of the day.
4	6	56°8					
4	12	52°8					
4	18	46°6					
5	0	47°3	}	51°3	}	1°0	} Fine, with cum.
5	6	41°4					
5	12	40°6					
5	18	42°9					
6	0	51°8	}	}	}	0°8	} Cloudy, but fine.
6	6	47°0					
Sunday.							
7	12	42°9	}	54°0	}	1°0	} Fine, with cum. clouds settled on the sky.
7	18	41°8					

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Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max Therm.	Min Therm.			
JUNE.		°	°	°	In.		
D.	H.						
8	0	49·2	51·3	37·7	0·41	0·8	Overcast ; terminating in fog, with light rain.
8	6	43·0				0·3	
8	12	39·2				0·7	
8	18	39·8				1·0	
9	0	47·9	52·8	42·2	0·41	0·9	Rain, with fog ; clearing a little at the close of the day.
9	6	48·2				1·0	
9	12	47·8				1·0	
9	18	47·8				1·0	
10	0	49·4	51·5	41·0		1·0	Foggy, with a very damp atmosphere.
10	6	48·6				1·0	
10	12	44·8				0·6	
10	18	42·4				0·9	
11	0	48·8	53·5	35·3		1·0	Fine, with thick fog at the close of the day.
11	6	46·2				0·7	
11	12	39·2				0·8	
11	18	36·8				0·0	
12	0	44·0	47·8	33·2 ^a		0·3	Fog, with white frost and cold raw atmosphere.
12	6	38·4				0·0	
12	12	35·4				1·0	
12	18	33·3				0·1	
13	0	42·4	—	—		0·9	Foggy, with a cold raw atmosphere.
13	6	39·6				0·8	
Sunday.							
14	12	46·6	53·7	35·3		0·0	Fine clear weather, with cum. and cir.
14	18	43·2				0·1	
15	0	51·2	55·0	38·0		0·5	Fine ; terminating in fog, with cold raw atmosphere.
15	6	47·6				0·3	
15	12	42·2				0·0	
15	18	38·2				0·8	
16	0	43·6	47·2	37·5		1·0	Unsettled, with occasional rain.
16	6	41·3				1·0	
16	12	40·7				1·0	
16	18	40·0				1·0	
17	0	51·5	54·6	41·3		1·0	Unsettled, with occasional light squalls and showers.
17	6	45·5				0·2	
17	12	44·7				0·6	
17	18	44·0				0·8	
18	0	48·5	55·8	47·4		0·7	Fine ; terminating in dark thick weather, with rain.
18	6	50·3				0·5	
18	12	49·2				0·4	
18	18	—				—	
19	0	57·6	59·0	43·4 ^a	1·00	0·5	Rain throughout the day, with thick misty weather.
19	6	51·3				1·0	
19	12	44·8				1·0	
19	18	43·4				1·0	
20	0	44·8	—	—	0·62	1·0	Overcast, with occasional rain.
20	6	44·7				1·0	
Sunday.							
21	12	43·8	51·5	42·4 ^a	0·06	0·9	Much fog, with drizzling rain.
21	18	42·8				1·0	
22	0	47·4	50·5	42·4 ^a		1·0	Thick wet fog ; clearing up at the close of the day.
22	6	47·0				0·5	
22	12	44·6				1·0	
22	18	42·6				1·0	
23	0	48·0	51·0	40·3		0·4	Clearing up ; much haze.
23	6	44·3				0·3	
23	12	43·7				0·2	
23	18	41·3				0·4	
24	0	50·6	52·4	41·7		0·9	Fine and clear, with cum.
24	6	44·6				0·5	
24	12	43·4				0·0	
24	18	42·6				0·1	

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Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
JUNE.							
D.	H.	°	°	°	In.		
25	0	52·8	55·0	43·3	0·14	0·1	Dark and gloomy; terminating in squally weather, with rain.
25	6	48·8				0·2	
25	12	48·8				0·8	
25	18	49·7	54·2	37·1	0·14	0·6	Constant squalls and heavy showers; clearing up at the close of the day.
26	0	50·0				0·8	
26	6	50·8				0·3	
26	12	40·5	—	—	0·06	0·3	Unsettled, with occasional rain.
26	18	39·0				0·7	
27	0	44·1				0·3	
27	6	42·8				0·5	
Sunday.							
28	12	45·3	51·0	43·5	0·06	0·2	Gloomy unsettled weather, with occasional rain.
28	18	44·0				0·7	
29	0	50·8				0·8	
29	6	49·2	55·0	40·2	0·06	0·3	Gloomy and unsettled, with squalls and showers; clearing up at the close of the day.
29	12	45·6				0·3	
29	18	41·1				0·5	
30	0	47·3	49·6	42·0	0·06	0·8	More settled, with cum. and cum.-strat.
30	6	42·4				0·1	
30	12	42·4				0·5	
30	18	44·3				0·8	
JULY.							
1	0	45·6	49·4	39·0 ^a	0·19	0·8	Fine, with cum.
1	6	43·5				0·4	
1	12	42·0				0·3	
1	18	39·4	49·8	37·8	0·03	0·3	Fine, with haze.
2	0	47·8				0·7	
2	6	41·7				0·4	
2	12	39·9	50·0	36·4	0·19	0·8	Fine.
2	18	39·2				0·8	
3	0	46·2				0·7	
3	6	42·6	—	—	0·19	0·3	Rain throughout the day.
3	12	38·1				0·2	
3	18	36·8				0·2	
4	0	44·8				0·7	
4	6	42·0				0·3	
Sunday.							
5	12	42·0	48·7	35·4	0·13	1·0	Thick, with drizzling rain; fine at the close.
5	18	39·1				0·4	
6	0	44·8				0·5	
6	6	41·2	47·4	38·2 ^a	0·03	0·8	Rain, with frequent hard squalls.
6	12	39·0				0·7	
6	18	42·2				1·0	
7	0	45·8	49·4	36·4 ^a	0·03	1·0	Overcast and gloomy; rain at the close of the day.
7	6	43·8				0·8	
7	12	40·0				0·5	
7	18	37·0	47·0	38·5	0·03	0·4	Fine, with cir. and cum.
8	0	45·6				0·8	
8	6	42·3				0·4	
8	12	40·8	52·6	44·6	0·03	0·0	Generally fine; a slight hail storm at 15 ^h .
8	18	42·0				0·6	
9	0	50·2				0·1	
9	6	48·0	—	—	0·06	0·2	Unsettled, with frequent misty showers.
9	12	46·0				0·5	
9	18	44·7				0·3	
10	0	50·4	53·8	41·2 ^a	0·06	0·9	Fine, with large cum.; overcast at the close of the day.
10	6	45·8				0·6	
10	12	41·2				0·8	
10	18	42·8				0·8	
11	0	47·9				0·3	
11	6	47·6				0·6	
Sunday.							
12	12	—	58·8	37·2 ^a	0·06	0·8	Fine, with a slight haze prevailing.
12	18	37·7				1·0	

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Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
JULY.		°	°	°	In.		
D.	H.						
13	0	46°0	49°2	32°2 ^a	0°1	}	Fine, with a white frost, and much fog in the morning.
13	6	39°8			0°0		
13	12	35°1			0°5		
13	18	32°8	45°4	30°7	0°2	}	Much fog throughout the night, with hard frost; the middle of the day clear and fine.
14	0	39°3			0°0		
14	6	36°5			0°0		
14	12	33°2	44°6	31°6 ^a	0°0	}	Fog prevailing; the middle of the day fine, with cir. and cum.
14	18	31°6			0°0		
15	0	40°7			0°2		
15	6	39°6	47°0	34°0 ^a	0°9	}	Very fine, with cir.
15	12	35°6			0°8		
15	18	31°6			0°0		
16	0	42°0	49°2	34°2	0°3	}	Fine; a hard white frost in the morning.
16	6	40°3			0°7		
16	12	37°2			0°2		
16	18	34°0	—	—	1°0	}	Foggy, with a damp atmosphere.
17	0	44°2			0°3		
17	6	39°4			0°0		
17	12	37°3	52°2	33°6 ^a	0°0	}	Foggy; a light rain at the close of the day.
17	18	34°8			0°7		
18	0	41°2			1°0		
18	6	40°6	47°8	35°2	0°7	}	Overcast and gloomy, with occasional showers.
19	0	42°1			1°0		
19	6	40°7			1°0		
19	12	43°6	52°8	37°3 ^a	1°0	}	Fog throughout the night, otherwise fine.
20	0	49°4			1°0		
20	6	48°2			1°0		
20	12	43°0	56°0	40°4	1°0	}	Gloomy, with fog.
20	18	44°0			0°2		
21	0	49°4			0°8		
21	6	48°2	55°4	40°5	1°0	}	Foggy; terminating in fine weather.
21	12	43°0			0°4		
21	18	37°5			1°0		
22	0	49°2	56°0	39°6 ^a	0°2	}	Fine; overcast, with rain, at the close of the day.
22	6	47°6			0°4		
22	12	43°6			0°0		
22	18	40°4	—	—	0°3	}	Fine, with occasional rain.
23	0	50°0			0°2		
23	6	49°9			0°8		
23	12	44°8	57°5	40°8	1°0	}	Generally fine, with cum.
23	18	43°2			0°4		
24	0	52°1			0°9		
24	6	47°6	59°4	40°8 ^a	0°4	}	A light rain in the middle of the day, otherwise fine.
24	12	41°9			0°2		
24	18	39°8			0°3		
24	18	39°8	55°0	39°5 ^a	0°1	}	Rain throughout the day.
25	0	52°2			1°0		
25	6	49°1			1°0		
25	6	49°1	47°4	41°7	0°2	}	Continued rain.
26	0	45°2			1°0		
26	6	45°2			1°0		
26	12	45°7	—	—	1°0	}	
26	18	44°7			1°0		
27	0	53°3			1°0		
27	6	50°3	57°5	40°8	0°0	}	
27	12	48°7			0°3		
27	18	41°6			0°8		
28	0	51°0	59°4	40°8 ^a	0°1	}	
28	6	47°7			0°9		
28	12	41°4			0°2		
28	18	40°0	55°0	39°5 ^a	0°1	}	
29	0	45°2			1°0		
29	6	45°2			1°0		
29	12	45°7	47°4	41°7	0°67	}	
29	18	44°7			1°0		
29	18	44°7			1°0		

^a Lowest hourly readings of the Standard Thermometer.

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain. In.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
JULY.							
D.	H.	°	°	°	In.		
30	0	46·6	49·5	42·6 ^a	0·21	1·0	Continued rain; clearing a little at the close of the day.
30	6	45·6				1·0	
30	12	45·0				1·0	
30	18	43·3	48·0	38·4 ^a	0·7	1·0	Unsettled looking weather, with occasionally a clear sky.
31	0	45·4				0·7	
31	6	42·4				0·2	
31	12	41·8	38·4			0·6	
31	18	38·4					
AUGUST.							
1	0	46·0	—	—	0·16	0·9	Unsettled, with occasional rain.
1	6	43·2				1·0	
Sunday.							
2	12	38·7	49·8	37·0	0·38	0·5	Squally, with frequent hard showers of rain, and occasional hail.
2	18	38·7				0·9	
3	0	46·0	49·0	35·8 ^a	0·02	—	Cloudy, with occasional showers.
3	6	42·5				0·8	
3	12	37·1				0·8	
3	18	36·2	48·6	32·3		0·5	Much fog during the night, with hard frost, terminating in clear weather.
4	0	45·5				0·3	
4	6	42·1				0·9	
4	12	35·7	48·8	32·7 ^a		0·1	Fine clear weather.
4	18	33·2				0·1	
5	0	42·8	48·8	30·2		0·3	Much fog, with occasional rain.
5	6	40·0				0·0	
5	12	35·0				0·0	
5	18	32·8	48·8	30·2		—	Much fog, with occasional rain.
6	0	43·7				0·1	
6	6	39·7				0·0	
6	12	33·0	46·0	36·2		0·0	Fine, with cir.
6	18	32·4				0·2	
7	0	39·2				1·0	
7	6	43·7	49·0	38·5		1·0	Fine; with cum.
7	12	39·2				0·0	
7	18	37·5				0·3	
8	0	47·4	—	—	0·04	0·7	Frequent showers of sleet and snow.
8	6	44·4				0·2	
Sunday.							
9	12	38·2	51·8	35·2	0·26	1·0	A strong south wind, with frequent snow storms; evening, clearing up.
9	18	35·2				0·8	
10	0	40·3	46·0	33·2		0·2	Fine; a hard frost in the morning.
10	6	35·3				0·2	
10	12	37·3				0·3	
10	18	34·7	57·0	46·8		0·4	Squally and unsettled, with occasional light rain.
11	0	44·7				0·2	
11	6	41·6				0·2	
11	12	40·0	59·3	47·8		0·8	Cloudy; a light rain at mid-day.
11	18	41·7				1·0	
12	0	53·4				0·7	
12	6	49·3	59·6	43·8		0·5	Fine, with cum.
12	12	49·1				0·5	
12	18	48·4				0·6	
13	0	54·1	59·3	47·8		0·6	Cloudy; a light rain at mid-day.
13	6	52·7				1·0	
13	12	50·7				1·0	
13	18	48·8	59·6	43·8		1·0	Fine, with cum.
14	0	55·5				0·6	
14	6	50·2				0·5	
14	12	44·4	—	—		0·0	Fine, with haze.
14	18	44·3				0·9	
15	0	55·2				0·7	
15	6	52·3	58·3	38·0 ^a		0·7	Foggy, with much haze.
Sunday.							
16	12	44·4	58·3	38·0 ^a		0·2	Foggy, with much haze.
16	18	38·6				0·3	

^a Lowest hourly readings of the Standard Thermometer.

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
AUGUST.							
D.	H.	°	°	°	In.		
17	0	49·8	54·0	32·8	0·12	1·0	Dark and gloomy, terminating in rain.
17	6	47·2				0·4	
17	12	44·8				1·0	
17	18	44·0	59·5	48·8	0·12	1·0	Rain nearly throughout the day.
18	0	54·0				0·7	
18	6	52·0				1·0	
18	12	50·0	55·2	40·7	0·06	1·0	Rain at the commencement, fine at the close.
18	18	49·0				1·0	
19	0	53·2				1·0	
19	6	47·0	50·8	35·7 ^a		1·0	Fine, with cir. and cum. and much haze.
19	12	44·3				0·5	
19	18	41·3				0·5	
20	0	47·0	53·6	36·4 ^a		0·6	Fine throughout.
20	6	43·6				0·3	
20	12	38·4				0·0	
20	18	35·7	—	—		0·7	Fine, with cir.
21	0	48·2				0·7	
21	6	47·0				0·7	
21	12	39·7	59·0	38·5		0·0	Fine, with cir. and cirrus haze.
21	18	36·8				0·0	
22	0	52·8				0·6	
22	6	46·3	59·4	41·3 ^a	0·10	0·4	Rain, commencing at 13 ^h , and continuing throughout the day.
Sunday.						0·5	
23	12	44·2				0·5	
23	18	40·1	56·6	40·8	0·30	0·9	Rain throughout the day, with a gale from the south and hard squalls.
24	0	53·7				1·0	
24	6	52·1				1·0	
24	12	47·2	47·6	38·6 ^a	0·03	1·0	Frequent squalls, with light showers.
24	18	41·3				0·5	
25	0	51·2				0·9	
25	6	47·8	49·0	37·8 ^a		1·0	Generally fine, but cloudy.
25	12	43·6				0·8	
25	18	42·0				0·7	
26	0	45·4	56·8	36·8 ^a		0·8	Foggy, with damp atmosphere and much thin vapourous cloud.
26	6	40·6				0·1	
26	12	39·0				0·1	
26	18	40·6	—	—	0·05	0·0	Overcast, with light rain.
27	0	45·6				0·9	
27	6	43·7				0·7	
27	12	42·5	54·1	36·2		0·8	Gloomy, with occasional light misty rain.
27	18	37·8				0·8	
28	0	52·3				0·1	
28	6	46·6	56·2	43·7		0·1	Overcast; terminating in fine clear weather.
28	12	40·6				0·1	
28	18	36·8				0·0	
29	0	50·2	56·6	42·2		0·7	Fine, with cir and cum.
29	6	47·8				0·8	
Sunday.						0·7	
30	12	46·7	56·8	44·8		0·8	Squally, with frequent showers
30	18	45·0				1·0	
31	0	53·7				1·0	
31	6	49·6	54·4			0·6	
31	12	47·0				0·2	
31	18	44·2				1·0	
SEPTEMBER.							
1	0	54·0	56·6	42·2		0·6	Fine, with cir and cum.
1	6	47·8				0·2	
1	12	45·0				1·0	
1	18	42·4	56·8	44·8		1·0	Squally, with frequent showers
2	0	53·2				0·9	
2	6	48·3				0·5	
2	12	44·7	54·4			1·0	
2	18	44·4				0·9	

^a Lowest hourly reading of the Standard Thermometer.

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
SEPTEMBER.							
D.	H.	°	°	°	In.		
3	0	48·0	—	—	0·19	0·9	Squally, with a fresh S.E. gale and occasional hard rain.
3	6	46·2					
3	12	45·2					
3	18	45·0	52·2	39·8 ^a		0·9	Squalls and passing showers.
4	3	46·7					
4	6	43·2					
4	12	40·6					
4	18	39·8	—	—	0·03	0·8	Cloudy, with occasional showers.
5	0	48·6					
5	6	43·5				0·8	
Sunday.							
6	12	43·4	52·7	40·3		0·9	Fine, with cum.
6	18	41·0					
7	0	53·4	58·0	38·6 ^a		0·5	Fine clear settled weather.
7	6	47·8					
7	12	42·5					
7	18	38·6	59·6	42·5 ^a		0·2	Fine clear settled weather.
8	0	54·0					
8	6	50·5					
8	12	44·5					
8	18	42·5	62·1	41·8		0·3	A fresh warm wind, terminating in rain.
9	0	50·5					
9	6	56·2					
9	12	51·5	63·4	45·8	0·34	0·1	Rain throughout the morning; evening fine and clear.
9	18	53·0					
10	0	62·0	60·6	46·0	0·02	0·8	Generally fine, with occasional heavy showers.
10	6	58·2					
10	12	55·4					
10	18	46·2	—	—		1·0	Fine, with occasional light showers.
11	0	56·4					
11	6	50·0				0·8	
11	12	46·0	59·0	38·7	0·04	0·2	A strong gale, with squalls and occasional showers of hail.
11	18	46·0					
12	0	53·0	51·0	40·4 ^a		0·8	Gloomy and overcast.
12	6	45·7					
13	0	46·0					
13	6	43·0	53·0	35·8		0·4	Unsettled looking, with much haze.
13	12	41·7					
13	18	40·6	60·8	42·4		0·8	Cloudy, with occasional showers.
14	0	50·7					
14	6	45·3					
14	12	38·3	63·0	47·2		0·9	Squally unsettled weather.
14	18	36·6					
15	0	53·9	58·8	40·7		0·6	A light rain at mid-day; otherwise fine.
15	6	54·0					
15	12	51·4					
15	18	48·6	—	—		0·7	Foggy, with light showers of rain.
16	0	61·5					
16	6	54·7				1·0	
16	12	49·7	54·5	35·2		0·7	Much fog in the morning; the day generally fine, with haze.
16	18	49·0					
17	0	57·2				0·8	
17	6	48·4				0·4	
17	12	43·7				0·6	
17	18	42·0				0·2	
18	0	49·4				1·0	
18	6	46·2				0·3	
18	12	44·8				1·0	
18	18	41·8				0·5	

^a Lowest hourly reading of the Standard Thermometer.

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.				
		Air.	Max. Therm.	Min. Therm.							
SEPTEMBER.											
D.	H.	°	°	°	In.						
21	0	53·8	56·8	37·5		0·1	Fine and settled, with much white haze prevalent.				
21	6	48·6									
21	12	40·2									
21	18	38·3	59·6	38·3		0·5	Quite cloudless, with the aurora very brilliant throughout the night.				
22	0	56·1									
22	6	50·6									
22	12	41·8	61·0	46·4 ^a		0·0	Fine, with cir.				
22	18	38·8									
23	0	58·6									
23	6	51·3	68·4	48·5		0·0	Fine settled weather, with cum.				
23	12	49·0									
23	18	46·4									
24	0	62·2	68·8	47·6 ^a		0·4	Cloudless and fine at commencement; unsettled with squalls at the close.				
24	6	60·7									
24	12	51·4									
24	18	49·0	—	—	0·24	0·5	Fine, with occasional rain.				
25	0	64·2									
25	6	59·4									
25	12	52·6	69·5	41·3		0·1	Fine and settled, with cum and cir.				
25	18	47·6									
26	0	67·7									
26	6	51·6	69·0	40·8		0·3	Very fine, with cir.				
Sunday.											
27	12	44·0									
27	18	42·7	59·2	42·6 ^a		0·2	A hot wind, with close sultry atmosphere and cirrus haze.				
28	0	57·2									
28	6	52·4									
28	12	43·8	78·0	49·4		0·2	Unsettled, with occasional light showers.				
28	18	41·0									
29	0	56·0									
29	6	51·0	—	—	0·20	0·6	Overcast, with occasional light showers of rain				
29	12	43·0									
29	18	45·6									
30	0	71·2	67·2	47·7		0·5	Fine, with a fresh N.W. wind and sharp atmosphere.				
30	6	66·1									
30	12	63·1									
30	18	49·7	60·5	44·3 ^a		0·6	Generally overcast, with thin vapourous cloud.				
OCTOBER.											
1	0	52·5									
1	6	48·6	65·5	46·0	0·14	0·7	Squally and unsettled, with frequent showers.				
1	12	43·0									
1	18	42·6									
2	0	57·6	55·0	35·2 ^a		0·7	Fine, but much white haze prevalent.				
2	6	52·0									
2	12	47·0									
2	18	45·0	—	—		0·8					
3	0	58·0									
3	6	59·2									
Sunday.											
4	12	52·9	61·0	45·0		0·9	A fresh gale from N.W., with heavy squalls.				
4	18	48·0									
5	0	54·8									
5	6	51·0	65·5	46·0		0·7					
5	12	46·1									
5	18	48·5									
6	0	62·2	—	—		0·5					
6	6	58·0									
6	12	51·2									
6	18	47·6	55·0	35·2 ^a		0·9					
7	0	48·0									
7	6	45·0									
7	12	36·8	—	—		0·6					
7	18	36·2									

^a Lowest hourly reading of the Standard Thermometer.

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain. In.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
OCTOBER.		°	°	°			
D.	H.						
8	0	57·0	61·6	50·4	0·41	0·5	Unsettled; a thunder storm at 9 ^h , with heavy rain, terminating in fine weather.
8	6	56·0					
8	12	51·2					
8	18	55·6	66·0	46·0		0·9	Overcast; with a haze prevailing, and occasional light rain.
9	0	59·8					
9	6	55·2					
9	12	49·0	—	—		0·8	Fine, with passing showers of rain.
9	18	46·8					
10	0	59·6					
10	6	54·2				0·5	
Sunday.						0·3	
11	12	42·8	66·2	41·5		0·6	Nimbi, with passing showers; fine at the close of the day.
11	18	43·0				0·6	
12	0	48·8	54·8	41·3	0·02	0·7	Frequent showers.
12	6	47·8					
12	12	42·6					
12	18	44·2	58·8	44·8 ^a		0·8	Gloomy and overcast.
13	0	54·4					
13	6	49·2					
13	12	45·8	56·5	45·2	0·01	0·8	Gloomy and overcast; fine in the middle of the day.
13	18	44·8					
14	0	51·6					
14	6	49·2	63·2	46·7		1·0	Generally fine, with cum.
14	12	47·1					
14	18	45·4					
15	0	57·0	70·2	51·4		1·0	Generally fine, with cum.
15	6	51·0					
15	12	48·5					
15	18	48·3	—	—	0·19	0·6	Fine, with cum.; evening, cloudy with light rain.
16	0	64·5					
16	6	60·6					
16	12	53·0	73·7	39·0		0·6	Fine, with cum. and cum.-strat.
16	18	52·3					
17	0	69·3					
17	6	63·2				0·4	
Sunday.						0·0	
18	12	41·2	58·6	42·8		1·0	Fine, with much white haze.
18	18	41·0					
19	0	51·8					
19	6	48·6	68·2	51·2		0·4	Fine, with a close and sultry atmosphere.
19	12	44·6					
19	18	44·2					
20	0	62·2	78·0	57·0		0·4	Much haze, with warm atmosphere.
20	6	57·5					
20	12	52·0					
20	18	52·4	79·6	53·2 ^a		0·5	Unsettled, with a hot wind and close damp atmosphere; but cooler at the close of the day.
21	0	62·6					
21	6	71·0					
21	12	67·6	72·0	47·0		0·7	Fine, and settled, with cum.
21	18	61·0					
22	0	88·0					
22	6	59·0	—	—		0·7	Fine, with cir.
22	12	53·8					
22	18	54·8					
23	0	65·6	74·8	45·7		1·0	Fine, with cir. and cir.-cum.
23	6	55·5					
23	12	50·0					
23	18	50·0				0·3	
24	0	61·5				0·9	
24	6	53·4				0·3	
Sunday.						0·0	
25	12	48·5				0·8	
25	18	48·3					

^a Lowest hourly reading of the Standard Thermometer.

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
OCTOBER.		°	°	°	In.	—	
D.	H.						
26	0	73·3	77·0	54·0	0·05	0·3	} Fine at commencement, terminating in rain.
26	6	69·2				0·9	
26	12	57·0				1·0	
26	18	54·5	69·2	51·4	0·50	1·0	} Continued rain throughout the day.
27	0	66·5				1·0	
27	6	56·6				1·0	
27	12	51·6	61·0	51·9 ^a	0·07	1·0	} Rain, but clearing at the close of the day.
27	18	52·8				1·0	
28	0	57·9				1·0	
28	6	55·8	68·2	46·0	0·03	1·0	} Squally, with light showers.
28	12	54·4				0·4	
28	18	52·1				0·5	
29	0	64·0	59·2	43·4		1·0	} Showery and unsettled.
29	6	54·7				0·6	
29	12	51·0				0·5	
29	18	47·4	—	—		1·0	} Nearly overcast.
30	0	52·0				0·5	
30	6	50·6				1·0	
30	12	44·7				0·6	
30	18	46·2				0·5	
31	0	59·6				1·0	
31	6	53·0				1·0	
Sunday.							
NOVEMBER.							
1	12	51·2	64·8	48·3		1·0	} Fine, with cum.
1	18	51·4				0·4	
2	0	63·3	67·1	48·3		0·3	} Fine, with cir. and cum., and much haze.
2	6	56·9				1·0	
2	12	52·0				1·0	
2	18	49·2	71·0	50·0		0·0	} Fine, with cir. and cum., and much haze.
3	0	67·6				0·3	
3	6	60·6				0·3	
3	12	52·0	73·8	52·4		0·6	} Fine; overcast and gloomy in the evening.
3	18	53·2				0·0	
4	0	70·0				0·5	
4	6	60·8	67·5	53·5		0·6	} Overcast and gloomy, with a damp raw atmosphere.
4	12	55·5				0·7	
4	18	56·0				1·0	
5	0	61·0	73·8	54·4		1·0	} Foggy in the morning, terminating in a fresh hot gale; the evening cool and fine.
5	6	56·3				0·7	
5	12	54·3				1·0	
5	18	55·5	—	—		0·6	} Fine, with a light haze.
6	0	63·8				0·7	
6	6	57·4				0·7	
6	12	56·2				1·0	
6	18	59·0				1·0	
7	0	85·6				0·7	
7	6	61·9				0·7	
Sunday.							
8	12	50·4	90·9	46·1		0·0	} Fine, with cir. and a slight haze.
8	18	48·7				0·0	
9	0	64·0	72·4	52·8		0·4	} Fine, with cum.
9	6	57·2				0·3	
9	12	54·4				0·5	
9	18	56·6	69·2	51·2		0·6	} Fine, with cir.
10	0	63·6				0·9	
10	6	62·0				0·4	
10	12	53·3	73·5	42·6		0·0	} Fine; a shower of rain in the evening.
10	18	54·6				0·5	
11	0	68·8				0·4	
11	6	65·1				0·2	
11	12	51·6				0·0	
11	18	49·0				1·0	

^a Lowest hourly reading of the Standard Thermometer.

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain. In.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
NOVEMBER.		°	°	°			
D.	H.						
12	0	61.2	67.6	54.2	0.50	1.0	Thick misty weather, terminating in rain.
12	6	58.4				1.0	
12	12	56.4				0.3	
12	18	56.6	67.8	51.5	0.75	0.7	Continued thick weather, with rain.
13	0	62.0				0.9	
13	6	53.4				1.0	
13	12	52.2	—	—	0.04	1.0	Overcast, with occasional rain.
13	18	52.4				1.0	
14	0	55.0				1.0	
14	6	54.2				1.0	
Sunday.							
15	12	51.0	70.7	48.2	0.25	0.9	Fine at commencement; rain commencing at 18 ^h .
15	18	49.6				1.0	
16	0	54.5	57.0	46.8	0.57	1.0	Rain and thick weather, clearing up in the evening.
16	6	48.8				1.0	
16	12	48.0				1.0	
16	18	49.4	68.8	47.6		0.6	Fine, with cum.
17	0	62.2				0.7	
17	6	58.6				0.1	
17	12	51.2	69.0	52.5		0.3	Fine, with cum; overcast and close in the evening.
17	18	51.5				0.0	
18	0	63.6				0.0	
18	6	61.2	77.0	57.0	0.36	0.0	Drizzling rain throughout the day.
18	12	54.4				0.7	
18	18	58.3				1.0	
19	0	72.2	59.6	44.8	0.01	1.0	Light misty showers prevalent, clearing up in the evening.
19	6	65.0				1.0	
19	12	60.0				1.0	
19	18	58.5	—	—		0.7	Fine, with cum.
20	0	54.8				0.7	
20	6	47.7				0.6	
20	12	47.7	60.8	42.3		1.0	Fine, with cum.
20	18	48.3				0.9	
21	0	54.2				0.2	
21	6	50.4	69.4	47.7		0.8	Fine; but sultry and close in the evening.
Sunday.		50.0				0.1	
22	12	51.6				1.0	
22	18	64.2	72.8	58.4		0.8	Cloudy sultry weather.
23	0	60.1				0.9	
23	6	60.1				0.7	
23	12	52.0	80.8	62.0	0.04	1.0	Frequent showers, with a warm atmosphere.
23	18	48.8				0.6	
24	0	67.1				0.7	
24	6	64.6	78.0	51.2		0.6	Fine, with cum.
24	12	59.8				0.2	
24	18	60.2				0.8	
24	0	70.0	71.0	52.3		0.5	Fine, with cir. and cum.
25	6	73.0				0.0	
25	12	65.0				0.1	
25	18	65.0	—	—		0.2	Fine, with cum.
26	0	75.0				0.8	
26	6	69.7				0.5	
26	12	53.4	73.8	57.2	0.33	0.0	Foggy, terminating in rain.
26	18	55.2				0.0	
27	0	66.8				0.8	
27	6	62.6	—	—		0.0	
27	12	54.0				0.0	
27	18	56.1				0.1	
28	0	68.5	—	—		0.2	Fine, with cum.
28	6	62.8				0.8	
Sunday.							
29	12	—	73.8	57.2	0.33	1.0	Foggy, terminating in rain.
29	18	61.6				1.0	

Mean Time Van Diemen Island, Astronomical Reckoning.	TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
	Air.	Max. Therm.	Min. Therm.			
NOVEMBER.						
D. H.	°	°	°	In.		
30 0	75.3	83.8	57.5		1.0	Squally and unsettled, with a fresh N.W. gale.
30 6	62.6				1.0	
30 12	58.2				0.5	
30 18	61.5				0.5	
DECEMBER.						
1 0	70.8	76.6	53.0		0.7	Fine, with cum. and much haze.
1 6	70.0				0.4	
1 12	58.0				0.1	
1 18	57.0				0.6	
2 0	68.1	68.8	54.6		0.4	Cloudy; light showers in the evening.
2 6	58.2				1.0	
2 12	56.2				1.0	
2 18	57.2				0.7	
3 0	68.2	72.4	52.0	0.01	0.5	Squally, with occasional showers.
3 6	63.0				0.8	
3 12	55.6				1.0	
3 18	55.2				1.0	
4 0	60.0	65.0	46.0		0.8	Cloudy and unsettled; a heavy shower at 17 ^h 30 ^m .
4 6	57.0				0.6	
4 12	47.1				0.8	
4 18	48.8				0.8	
5 0	63.2	—	—		0.9	Fine, with cir.-cum.
5 6	60.0				0.1	
Sunday.						
6 12	55.0	79.6	51.4		0.3	Fine, with cir. and cum.
6 18	55.3				0.8	
7 0	75.0	79.0	51.5		0.4	Fine, with much white haze.
7 6	62.2				0.7	
7 12	53.8				0.4	
7 18	52.2				1.0	
8 0	67.2	78.4	50.3		0.5	Fine, with light cir., and a hot sultry atmosphere.
8 6	72.0				0.0	
8 12	55.2				0.0	
8 18	56.0				0.2	
9 0	79.8	86.4	61.6		0.2	Fine; but very hot and sultry.
9 6	79.5				0.7	
9 12	66.9				0.0	
9 18	65.8				0.2	
10 0	84.4	88.0	67.2	0.08	0.2	Fine; a slight thunder storm in the evening, with light rain, terminating in sultry weather.
10 6	84.5				0.4	
10 12	72.6				0.8	
10 18	72.2				0.6	
11 0	81.2	90.6	60.5	0.03	0.6	Cir. and cir.-cum, with much white haze and occasional light showers of rain.
11 6	72.3				0.9	
11 12	64.1				0.0	
11 18	65.0				0.3	
12 0	76.4	—	—	0.50	0.3	Fine, with occasional showers of rain.
12 6	73.5				0.8	
Sunday.						
13 12	57.6	78.6	55.8	0.23	1.0	Gloomy, and overcast with drizzling rain.
13 18	56.6				1.0	
14 0	58.3	64.6	53.6		1.0	Gloomy and overcast throughout.
14 6	59.8				0.9	
14 12	55.1				1.0	
14 18	57.0				1.0	
15 0	66.4	—	57.8	0.16	0.8	Dark gloomy weather; a thunder storm at 16 ^h , clearing up in the evening.
15 6	63.8				1.0	
15 12	57.8				1.0	
15 18	59.6				0.8	
16 0	73.4	75.2	50.3		1.0	Fine, with cir.; overcast and gloomy at the close of the day.
16 6	62.3				0.5	
16 12	50.3				0.3	
16 18	55.5				0.7	

^a Lowest hourly reading of the Standard Thermometer.

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain. In.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
DECEMBER.		°	°	°			
D.	H.						
17	0	68·5	77·0	51·3	0·02	0·6	} Fine, with cum. and cir.-cum.
17	6	63·2				0·9	
17	12	54·8				0·3	
17	18	55·0				0·3	
18	0	70·6	75·3	52·2	0·02	0·3	} Cloudy, with frequent squalls and showers.
18	6	65·0				1·0	
18	12	55·2				0·0	
18	18	55·4				1·0	
19	0	62·5	—	—		0·8	} Cloudy, with occasional light showers of rain.
19	6	58·0				0·7	
Sunday.							
20	12	56·8	73·7	47·8		0·1	} Fine, with soft cum. and cir.
20	18	57·3				0·4	
21	0	71·4	72·8	53·7		0·8	} Cloudy, with a hot oppressive atmosphere.
21	6	61·6				1·0	
21	12	59·2				0·6	
21	18	59·6				0·8	
22	0	80·2	86·0	52·3		0·9	} Generally fine, with cum.
22	6	81·6				1·0	
22	12	57·6				0·4	
22	18	57·5				0·4	
23	0	68·8	77·0	50·5		0·5	} Cir. and cir.-cum., with much white haze.
23	6	72·0				0·3	
23	12	53·3				0·0	
23	18	53·5				0·4	
24	0	68·8	74·2	56·6		0·2	} Fine, with a light haze.
24	6	61·0				0·6	
Christmas Day.							
25	12	61·7	73·0	57·1		0·9	} Cloudy and unsettled, with frequent misty showers.
25	18	60·8				0·1	
26	0	66·0	—	—		1·0	} Fine, with cum. and cir.-cum.
26	6	61·2				0·5	
Sunday.							
27	12	57·4	75·0	49·9		0·5	} Fine, with cum. and cir.
27	18	58·0				0·7	
28	0	72·0	79·9	51·5		0·8	} Fine, with much haze.
28	6	77·2				0·2	
28	12	54·8				0·0	
28	18	55·2				0·0	
29	0	71·5	76·2	57·5		0·0	} Gloomy and overcast, with very thick haze.
29	6	68·6				0·8	
29	12	59·6				1·0	
29	18	60·0				0·9	
30	0	67·7	—	58·5		0·3	} Fine, with cir. and cum. ; haze continuing.
30	6	60·1				1·0	
30	12	60·2				0·0	
30	18	62·7				0·0	
31	0	74·8	77·0	60·5	0·77	0·3	} Dense haze, terminating in rain.
31	6	67·0				0·8	
31	12	62·0				1·0	
31	18	61·8				1·0	

VAN DIEMEN ISLAND, 1847.

MAGNETICAL OBSERVATIONS.

DECLINATION.													
Angular Value of one Scale Division of the Declinometer = 0'.71. Increasing Numbers denote increasing Easterly Declination.													
Mean Göttingen Time.	0 ^h .	1 ^h .	2 ^h .	3 ^h .	4 ^h .	5 ^h .	6 ^h .	7 ^h .	8 ^h .	9 ^h .	10 ^h .	11 ^h .	
	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
JANUARY.	1	80.7	80.7	80.9	80.4	80.2	79.2	79.0	78.1	77.4	74.0	72.2	71.6
	2	81.4	80.0	79.9	—	—	—	—	—	—	—	—	—
	3	—	—	—	77.9	77.2	78.2	78.2	78.0	—	78.5	76.2	74.2
	4	81.3	80.4	80.1	80.2	80.4	78.0	77.4	78.8	78.8	79.0	75.0	73.8
	5	82.5	80.8	79.8	78.0	79.0	78.8	—	77.1	76.0	74.6	75.9	73.9
	6	81.3	81.6	80.7	79.2	79.2	79.0	78.8	79.0	79.8	78.5	77.3	74.2
	7	81.4	80.4	79.8	77.8	78.0	76.4	77.6	77.9	79.6	76.2	73.8	71.0
	8	82.3	79.0	78.0	78.8	79.0	79.4	80.0	80.2	79.6	78.9	76.8	76.0
	9	81.9	80.2	80.5	—	—	—	—	—	—	—	—	—
	10	—	—	—	79.9	80.4	76.4	74.5	76.2	77.0	76.3	73.2	72.9
	11	82.1	78.0	80.0	80.0	76.4	76.2	78.2	80.1	80.0	76.0	74.9	73.8
	12	82.0	78.2	72.3	72.3	76.9	76.8	78.1	78.1	78.0	77.0	76.6	73.2
	13	77.9	79.0	80.1	83.0	77.2	80.2	82.7	82.0	80.0	78.0	77.8	78.1
	14	80.9	80.2	81.1	80.6	80.0	80.2	78.0	77.2	77.0	75.8	73.7	72.4
	15	81.9	81.6	81.5	81.4	79.4	80.0	80.1	79.2	78.5	77.3	76.7	76.0
	16	80.2	80.8	81.0	—	—	—	—	—	—	—	—	—
	17	—	—	—	80.8	80.5	80.0	80.1	79.5	77.1	76.7	73.6	74.1
	18	80.8	81.2	80.8	80.5	80.4	79.6	79.5	79.0	77.1	78.0	72.0	71.8
	19	81.3	81.4	80.3	79.2	80.0	80.4	80.2	79.5	77.2	75.5	73.8	73.1
	20	82.4	73.2	78.2	78.9	77.8	78.0	78.8	76.8	74.8	71.5	68.7	70.8
	21	77.3	80.0	80.7	79.9	74.5	75.3	79.0	79.2	80.2	76.0	74.5	73.0
	22	80.8	77.2	81.5	76.0	79.2	79.6	80.0	78.0	76.0	73.0	72.8	71.0
	23	81.6	81.4	81.3	—	—	—	—	—	—	—	—	—
	24	—	—	—	—	79.9	80.8	80.0	79.3	78.8	77.2	73.8	71.4
	25	81.5	80.9	81.0	81.1	80.5	82.2	81.8	81.0	80.5	78.5	75.2	71.2
	26	81.0	80.8	80.4	80.2	79.8	80.0	79.7	79.8	—	77.4	72.4	68.7
	27	82.2	80.0	78.5	79.7	80.5	80.8	79.6	80.5	79.3	78.0	74.2	72.2
	28	81.3	80.7	80.8	80.6	80.5	80.0	80.0	80.2	79.1	77.6	75.0	71.3
	29	82.2	74.2	78.5	76.6	81.0	80.0	79.0	78.0	78.5	74.1	74.5	79.9
	30	80.7	80.5	77.8	—	—	—	—	—	—	—	—	—
	31	—	—	—	80.7	78.0	75.7	77.8	69.5	76.8	80.0	73.5	79.7
Hourly Mean	81.19	79.71	79.84	79.35	79.07	78.89	79.12	78.55	78.21	76.68	74.39	73.45	
FEBRUARY.	1	82.3	82.5	80.0	79.2	79.2	80.0	79.0	78.1	—	75.3	72.6	70.1
	2	79.5	79.8	79.2	80.0	81.1	81.2	81.2	81.6	79.8	77.7	75.5	72.5
	3	82.0	79.9	77.1	75.1	78.8	80.2	79.8	79.8	78.5	76.3	73.6	71.4
	4	80.2	80.5	80.0	79.8	81.6	80.3	81.0	81.0	80.1	77.7	74.2	72.0
	5	82.2	81.7	81.2	80.2	80.4	80.6	80.7	80.4	80.2	80.0	75.3	70.5
	6	76.0	64.0	66.7	—	—	—	—	—	—	—	—	—
	7	—	—	—	81.2	81.5	76.2	76.8	78.2	76.0	77.9	76.1	80.0
	8	82.2	81.4	73.5	79.2	—	80.4	83.6	79.7	78.5	78.2	78.0	73.1
	9	80.7	80.4	79.8	79.2	78.3	81.0	81.7	82.3	81.0	79.1	76.8	74.7
	10	81.8	81.2	80.0	77.6	81.0	80.0	81.5	80.5	—	79.0	74.8	72.2
	11	81.2	79.0	81.2	77.8	80.0	80.7	80.7	80.4	80.0	79.2	76.6	73.8
	12	78.1	79.6	80.8	80.3	79.8	81.3	85.8	—	80.2	77.3	74.1	70.7
	13	81.0	80.8	81.3	—	—	—	—	—	—	—	—	—
	14	—	—	—	80.1	77.8	78.5	80.0	80.2	80.8	78.5	74.8	71.0
	15	83.0	82.8	82.2	81.0	80.7	80.2	80.2	79.7	78.5	75.8	72.7	67.3
	16	81.4	76.5	74.8	79.0	83.5	82.7	83.1	83.0	79.8	78.5	74.7	71.2
	17	80.0	80.0	80.7	80.5	80.2	81.0	81.8	81.1	79.4	78.8	75.0	69.8
	18	80.8	78.8	78.8	77.1	—	78.0	78.9	79.7	—	76.0	74.2	71.9
	19	78.3	79.9	80.1	80.5	80.3	78.6	80.6	80.3	80.2	79.6	75.8	73.1
	20	82.9	80.3	80.1	—	—	—	—	—	—	—	—	—
	21	—	—	—	80.8	80.4	80.4	80.0	79.8	79.1	78.0	76.0	73.1
	22	79.3	77.9	76.0	77.2	77.0	75.1	79.0	77.8	80.2	79.5	75.7	73.0
	23	81.4	80.0	80.0	81.2	81.0	80.4	79.1	79.0	78.4	76.5	74.3	71.1
	24	77.9	76.0	67.5	73.2	78.8	81.2	79.0	79.2	79.0	78.7	81.4	77.1
	25	80.4	79.5	80.2	80.4	82.2	78.7	80.6	85.9	74.4	75.3	74.8	74.4
	26	75.7	80.0	80.2	80.0	84.2	81.8	81.4	79.8	—	79.0	76.8	76.0
	27	80.2	79.8	78.8	—	—	—	—	—	—	—	—	—
	28	—	—	—	81.2	81.2	81.2	81.2	81.2	81.0	80.9	79.0	76.6
Hourly Means	80.35	79.26	78.34	79.24	80.41	79.99	80.70	80.36	79.26	78.03	75.53	72.97	

DECLINATION.

Angular Value of one Scale Division of the Declinometer = 0'.71. Increasing Numbers denote increasing Easterly Declination.

12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .	21 ^h .	22 ^h .	23 ^h .	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
74°0	76°3	79°2	85°8	88°1	89°0	88°4	87°4	85°5	82°9	83°1	81°9	80°67
73°2	76°3	78°4	80°5	82°2	82°8	83°8	84°7	84°3	83°7	82°4	81°7	79°73
72°0	73°2	78°2	83°2	87°8	89°0	87°2	87°2	84°2	86°5	86°1	84°8	80°94
74°0	76°2	78°8	83°1	86°5	89°8	90°0	89°3	86°6	84°1	84°1	—	80°86
74°9	73°8	77°9	84°1	87°4	86°9	86°9	87°2	85°5	84°9	82°9	81°8	80°95
71°7	72°3	75°5	79°5	83°7	86°7	87°6	87°9	86°9	85°8	84°3	83°4	79°80
74°8	74°2	78°2	82°2	84°6	86°6	88°9	89°1	89°1	86°2	83°8	82°4	81°17
70°0	74°3	75°2	78°2	82°0	83°8	84°9	84°3	82°2	84°2	82°7	81°8	78°87
75°0	77°8	79°8	83°2	85°8	87°2	87°8	85°0	84°8	83°9	82°4	82°0	80°43
68°3	70°4	77°1	79°4	81°6	83°7	84°5	82°6	82°2	81°7	81°7	81°8	78°12
74°1	79°5	81°5	85°1	87°2	85°2	83°8	83°6	81°8	81°5	82°2	81°6	80°96
73°7	76°8	80°9	84°6	88°8	87°8	83°3	82°7	83°0	81°7	81°4	81°8	80°15
77°8	79°1	81°3	84°8	87°5	87°7	84°6	83°1	83°0	83°7	82°5	78°8	81°15
77°7	80°2	81°8	83°8	83°9	83°8	82°2	81°5	82°2	81°8	82°2	81°2	80°28
72°1	74°3	77°8	81°0	83°2	84°2	82°3	81°7	81°0	81°4	80°8	81°3	79°24
75°6	78°5	84°5	90°2	91°0	89°0	89°5	89°9	89°5	86°6	85°0	83°5	82°28
71°5	78°7	82°5	86°6	88°1	88°8	88°9	89°0	87°1	83°0	81°2	76°1	79°64
73°5	75°0	79°3	85°2	86°0	87°2	86°7	86°6	85°3	84°3	81°9	81°9	80°10
73°0	76°2	80°2	86°7	90°1	90°0	89°0	87°4	85°4	83°2	81°8	80°8	80°37
71°8	74°2	79°3	84°2	90°0	92°0	89°6	87°3	85°2	83°2	82°0	82°1	81°15
69°1	70°7	74°6	82°4	87°8	88°5	86°5	86°1	84°0	82°0	81°1	80°9	80°38
67°5	70°7	77°5	84°8	91°0	93°1	91°2	88°0	84°9	82°2	81°9	82°2	80°66
70°0	74°2	77°8	85°2	91°5	90°6	86°8	84°7	81°3	80°8	81°6	81°5	80°48
71°1	71°7	81°5	86°2	90°0	88°8	87°0	84°2	84°3	83°2	81°2	82°2	80°77
76°0	78°0	78°2	83°3	88°8	88°0	84°2	80°7	79°0	78°2	80°0	81°0	79°66
77°2	73°5	75°8	81°8	88°4	96°0	92°3	88°0	85°2	81°0	82°2	83°2	80°64
73°06	75°23	78°95	83°66	87°04	87°93	86°84	85°74	84°37	83°14	82°40	81°67	80°36
69°3	72°5	78°0	83°8	90°7	92°5	90°7	87°4	83°4	81°3	81°2	80°6	80°42
70°4	71°4	75°2	80°8	85°6	88°3	88°6	85°2	83°3	81°9	81°2	81°9	80°12
69°0	70°5	77°3	83°8	88°8	91°0	92°0	90°5	88°3	85°3	83°7	78°5	80°47
71°8	74°2	78°0	81°8	85°5	88°5	88°8	88°2	87°0	84°8	83°3	82°2	80°94
67°5	69°1	71°8	78°8	84°9	90°9	93°1	92°1	89°7	89°0	74°6	81°1	80°67
75°2	74°6	77°0	82°3	86°2	88°9	88°5	87°5	84°7	83°5	82°2	82°0	79°30
71°1	73°7	77°3	80°0	84°3	86°9	86°6	86°4	85°3	84°0	82°3	81°0	80°29
74°4	75°3	80°3	83°2	86°4	88°0	87°3	86°2	84°6	83°8	82°2	82°0	81°20
70°0	73°8	76°3	81°9	85°8	88°2	87°9	85°9	84°0	82°2	82°1	81°1	80°38
72°8	74°8	79°2	86°0	89°4	90°0	87°5	84°3	83°1	81°0	81°6	81°2	80°90
68°3	72°2	77°4	84°4	88°8	90°2	89°2	86°6	83°2	81°8	81°5	81°4	80°57
71°2	73°0	84°5	90°5	92°2	92°8	90°8	87°4	86°2	83°2	83°2	83°2	81°79
66°0	70°0	76°5	84°2	93°1	95°6	93°8	89°6	87°8	84°5	80°5	80°4	81°09
68°7	70°7	77°9	86°7	92°1	93°2	91°3	88°2	94°9	82°6	81°8	82°2	81°19
67°0	68°0	73°5	81°2	90°0	93°9	93°8	90°7	86°8	83°0	83°2	82°0	80°89
70°2	70°1	73°0	79°8	87°2	92°0	92°2	91°2	87°7	84°2	83°2	82°8	80°35
70°8	71°8	75°2	79°8	85°5	90°0	89°5	87°7	85°6	84°8	84°1	81°4	80°56
71°7	73°5	76°8	81°3	86°8	89°3	89°7	88°2	85°9	83°5	83°2	78°9	80°82
77°7	79°9	89°2	84°2	88°3	89°5	89°2	85°0	86°2	85°0	84°0	83°3	81°33
72°5	73°2	78°0	83°5	85°4	86°5	86°4	86°0	87°2	85°8	83°5	83°7	80°67
74°5	81°8	80°9	82°3	87°9	90°2	85°2	85°2	79°5	80°7	80°1	80°0	79°89
76°4	76°0	82°0	82°8	86°7	88°7	88°3	88°2	85°7	84°2	74°0	78°2	80°75
72°7	74°6	76°4	78°6	81°7	84°2	84°6	83°7	82°0	81°9	81°7	80°7	79°90
74°5	74°5	78°5	82°6	85°7	86°7	87°2	86°2	84°7	82°1	81°8	—	81°16
71°40	73°30	77°92	82°68	87°46	89°83	89°46	87°40	85°28	83°50	81°67	81°30	80°65

DECLINATION.													
Angular Value of one Scale Division of the Declinometer = 0'' 71. Increasing Numbers denote increasing Easterly Declination.													
Mean Götting- gen Time. }	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
MARCH.	1	83.5	80.5	77.8	74.5	67.5	82.3	58.1	83.5	74.0	81.2	86.0	88.7
	2	81.8	81.3	80.9	81.0	—	80.4	80.2	79.9	79.2	79.2	76.8	75.1
	3	81.9	81.8	81.2	80.8	80.8	81.0	80.8	80.3	80.0	78.8	76.5	75.5
	4	81.5	81.3	81.0	81.0	82.0	81.2	78.5	76.8	79.9	82.6	80.2	78.2
	5	81.0	81.1	80.8	80.6	80.2	79.9	79.4	78.9	81.8	80.0	78.4	78.2
	6	82.1	81.8	81.2	—	—	—	—	—	—	—	—	—
	7	—	—	—	77.3	78.4	87.4	80.8	80.3	80.6	81.0	81.3	78.2
	8	77.9	80.7	81.1	81.7	80.4	79.2	80.5	84.0	79.7	79.0	83.3	82.0
	9	78.5	80.2	79.4	78.2	80.3	80.5	80.5	78.5	79.6	79.2	77.2	76.3
	10	77.5	78.5	79.8	80.5	80.8	81.4	82.8	80.7	—	80.0	83.0	79.2
	11	80.3	80.4	79.3	80.7	89.8	80.0	80.5	80.4	80.2	79.8	79.2	77.5
	12	81.8	81.5	81.8	82.5	81.2	81.0	81.2	80.8	80.3	79.0	77.3	76.2
	13	82.2	80.8	78.2	—	—	—	—	—	—	—	—	—
	14	—	—	—	78.2	78.7	79.0	78.5	77.8	76.2	78.0	76.5	75.8
	15	84.2	82.3	82.2	81.7	80.8	81.0	81.7	81.0	79.3	78.4	76.3	74.5
	16	81.2	81.5	81.0	80.8	82.5	81.3	81.6	80.8	80.2	79.8	78.2	75.6
	17	81.7	81.5	81.0	81.3	81.2	81.0	80.2	79.5	78.5	79.0	74.7	72.3
	18	82.1	78.8	80.7	80.8	80.7	80.0	77.1	78.3	77.8	78.7	75.1	73.1
	19	75.7	67.1	47.7	77.3	67.3	75.4	63.2	70.8	75.5	80.4	80.3	81.8
	20	82.2	81.3	79.0	—	—	—	—	—	—	—	—	—
	21	—	—	—	81.0	81.1	81.1	81.0	81.0	80.8	81.1	78.8	77.0
	22	82.0	82.0	81.2	80.8	—	80.6	80.6	80.4	80.0	79.7	78.2	76.2
	23	81.2	81.3	80.2	80.4	79.3	79.7	80.0	80.0	79.3	79.0	78.3	77.2
	24	79.5	78.2	77.8	76.4	77.8	79.5	80.3	81.2	81.4	81.4	82.9	79.8
	25	81.2	79.7	80.2	80.9	80.2	82.8	80.2	80.2	81.5	83.2	81.5	78.2
	26	79.7	75.9	79.8	80.2	—	80.0	80.6	81.2	82.8	81.5	81.8	78.7
	27	81.2	81.1	81.2	—	—	—	—	—	—	—	—	—
	28	—	—	—	81.3	81.2	81.1	81.2	81.0	81.4	81.7	78.8	76.1
	29	82.4	82.0	81.1	81.2	—	81.0	81.2	81.0	81.0	81.0	79.2	77.8
	30	81.5	81.8	80.6	79.0	78.8	79.0	80.0	80.2	80.1	80.3	78.8	76.5
	31	79.8	81.5	81.2	81.1	81.1	81.2	81.2	80.6	80.2	80.0	79.0	77.0
Hourly Means	80.95	80.22	79.16	80.04	79.22	80.67	78.96	79.86	79.67	80.11	79.17	77.51	
APRIL.	1	81.9	80.0	75.7	a—	—	—	—	—	—	—	—	
	2	—	—	—	81.7	81.2	81.2	81.0	81.2	81.8	81.7	80.4	78.6
	3	69.0	77.7	78.8	—	—	—	—	—	—	—	—	—
	4	—	—	—	80.3	82.0	83.2	85.2	86.8	82.8	81.2	79.6	77.2
	5	82.0	79.4	78.4	83.0	82.1	82.0	82.1	83.1	85.7	82.2	79.8	77.3
	6	80.0	80.0	80.8	81.0	81.8	85.6	81.9	81.2	80.9	80.5	79.6	78.8
	7	76.1	80.7	80.8	81.1	81.8	82.3	82.1	77.2	89.5	81.2	77.7	75.3
	8	82.2	80.4	80.7	80.6	81.0	81.1	81.1	81.1	81.5	79.2	78.0	75.3
	9	80.2	80.2	78.4	78.5	81.2	81.9	80.8	81.1	82.2	80.8	79.7	77.7
	10	81.8	81.0	80.2	—	—	—	—	—	—	—	—	—
	11	—	—	—	80.5	80.9	80.9	81.2	80.6	80.2	80.0	79.0	77.3
	12	81.9	82.0	81.4	80.9	81.2	81.2	81.3	80.0	79.8	79.3	82.6	80.4
	13	81.8	81.8	81.8	81.8	81.8	81.8	82.0	82.1	80.9	79.9	78.2	80.2
	14	80.8	79.7	80.2	80.8	83.0	83.8	84.2	86.1	86.8	87.6	83.2	80.8
	15	79.0	80.0	80.0	80.9	80.5	81.0	—	82.7	—	80.1	79.4	77.3
	16	79.8	80.2	81.5	82.0	82.0	82.2	82.3	82.2	82.4	83.0	80.0	78.0
	17	79.8	78.2	71.2	—	—	—	—	—	—	—	—	—
	18	—	—	—	81.3	81.8	82.2	82.0	82.0	81.4	81.0	79.9	77.9
	19	81.5	81.8	81.8	81.8	82.0	82.2	82.1	82.0	81.9	81.0	80.0	78.3
	20	82.2	67.4	55.4	66.8	72.4	61.0	72.7	83.3	82.6	85.2	84.2	82.0
	21	81.2	75.2	55.0	58.4	66.4	68.2	83.2	77.5	79.6	80.4	79.3	80.8
	22	81.6	81.4	81.2	78.8	80.5	86.3	82.8	84.2	87.4	81.8	81.2	80.2
	23	80.7	81.0	81.2	80.8	82.5	81.6	81.8	81.8	82.7	82.0	80.8	79.2
	24	81.2	81.3	81.3	—	—	—	—	—	—	—	—	—
	25	—	—	—	81.8	81.8	82.4	82.8	81.6	81.0	80.3	80.2	79.3
	26	81.8	81.4	79.0	80.8	81.3	81.3	81.0	81.3	80.8	81.0	79.8	78.7
	27	81.4	81.7	81.2	79.0	77.8	80.2	80.5	79.2	79.6	80.0	80.8	79.0
	28	82.5	78.7	74.9	77.5	80.4	81.2	80.4	79.2	81.2	80.8	80.0	79.0
	29	79.1	81.0	80.6	80.0	—	82.0	83.8	82.0	82.2	81.5	83.1	85.7
	30	71.0	71.8	70.2	74.7	—	—	—	—	—	—	82.8	83.7
Hourly Means	80.02	79.36	77.27	78.99	80.32	80.70	81.67	81.65	82.39	81.32	80.37	79.14	

* Good Friday.

DECLINATION.												
Angular Value of one Scale Division of the Declinometer = 0'.71. Increasing Numbers denote increasing Easterly Declination.												
12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .	21 ^h .	22 ^h .	23 ^h .	Daily and Monthly Means.
Sc. Div. 81.2	Sc. Div. 82.0	Sc. Div. 82.0	Sc. Div. 85.5	Sc. Div. 87.1	Sc. Div. 86.5	Sc. Div. 84.9	Sc. Div. 83.8	Sc. Div. 82.3	Sc. Div. 81.2	Sc. Div. 81.4	Sc. Div. 81.0	Sc. Div. 80.69
74.0	76.0	79.6	83.5	86.7	88.7	88.4	86.2	84.0	82.1	82.2	81.8	81.26
75.6	77.2	80.2	84.0	88.0	90.3	89.7	87.2	85.2	82.9	82.5	81.9	81.84
79.7	80.0	82.5	85.3	87.2	88.7	90.7	90.7	88.0	84.9	82.7	78.1	82.61
75.2	76.2	79.3	81.9	84.6	86.9	87.0	86.1	85.0	83.2	82.7	82.2	81.27
—	—	—	—	—	—	—	—	—	—	—	—	—
78.2	79.3	81.0	84.3	86.3	88.1	86.9	87.8	83.6	85.1	81.3	78.8	82.13
81.9	82.1	85.3	85.3	87.2	88.0	88.6	86.0	84.8	81.0	75.0	80.0	82.28
74.3	75.2	77.9	81.7	83.7	85.2	86.0	85.0	84.2	83.8	82.8	81.8	80.42
77.3	78.0	80.2	83.8	86.6	88.1	87.7	85.2	82.3	80.6	81.3	79.8	81.53
78.0	79.8	81.9	85.1	87.2	87.5	86.6	85.5	83.5	83.4	83.2	82.5	81.76
74.0	78.4	82.9	85.9	87.8	88.5	88.4	87.8	86.0	84.9	83.8	83.2	82.34
—	—	—	—	—	—	—	—	—	—	—	—	—
76.3	78.4	83.1	87.4	89.0	90.5	89.6	87.2	85.3	85.3	84.2	84.0	81.67
73.2	75.8	80.0	85.2	89.5	90.3	89.3	87.0	84.8	82.8	81.7	81.8	81.87
75.0	78.2	83.7	89.5	92.4	92.1	90.0	86.8	84.1	82.8	82.5	81.8	82.64
71.0	74.3	79.7	86.1	90.0	91.9	91.2	88.8	86.2	86.0	85.1	83.1	81.89
68.6	72.9	78.4	87.0	90.2	92.5	93.0	93.0	91.8	84.9	72.9	77.4	81.07
82.4	86.2	84.9	85.2	86.2	101.5	86.4	91.5	85.7	86.1	86.8	84.8	79.59
—	—	—	—	—	—	—	—	—	—	—	—	—
76.6	78.9	81.2	85.0	88.0	88.5	88.9	86.6	85.3	83.8	83.2	82.8	82.26
75.1	76.2	78.2	81.0	83.8	85.8	87.2	87.2	84.8	82.1	81.2	81.2	81.11
76.7	79.3	80.4	85.1	86.8	86.6	87.2	84.5	88.8	84.6	82.0	78.5	81.52
77.3	76.2	77.7	80.2	83.3	85.2	83.8	81.2	84.5	84.0	83.0	82.1	80.61
76.2	75.3	77.2	80.8	85.2	86.9	86.0	83.0	81.0	80.6	80.1	79.7	80.91
76.0	77.0	80.2	84.2	87.1	88.4	88.3	86.1	83.2	82.3	80.8	81.3	81.61
—	—	—	—	—	—	—	—	—	—	—	—	—
75.2	75.8	78.0	81.2	85.3	87.9	88.5	86.2	84.1	83.2	82.8	82.7	81.59
75.7	77.2	78.9	81.8	85.0	87.2	88.7	87.2	85.2	84.5	84.8	85.0	82.18
77.2	77.8	78.7	81.2	84.3	86.8	87.3	87.0	84.9	84.3	83.7	82.3	81.34
76.7	76.6	77.7	80.8	84.5	87.7	88.2	86.5	84.6	83.2	82.8	82.2	81.47
76.24	77.79	80.40	84.00	86.78	88.75	88.09	86.71	84.93	83.47	82.09	81.55	81.54
—	—	—	—	—	—	—	—	—	—	—	—	—
76.0	77.7	79.9	83.2	86.0	88.8	89.7	88.3	85.5	84.6	86.2	65.2	81.56
—	—	—	—	—	—	—	—	—	—	—	—	—
77.4	78.4	83.3	85.2	87.7	91.5	90.2	88.8	86.2	84.0	81.2	81.4	82.46
76.6	76.8	79.0	83.2	86.8	87.8	88.1	87.1	83.9	82.0	82.0	81.2	82.15
77.5	77.0	82.0	84.9	87.2	88.8	87.8	86.3	83.9	83.2	82.6	76.6	82.08
78.3	79.8	81.9	82.4	92.0	95.2	92.0	88.0	100.6	93.6	73.2	84.0	83.62
77.5	78.2	79.5	83.0	84.7	88.3	89.7	87.9	84.9	82.8	82.3	81.1	81.75
77.5	78.7	81.3	83.5	85.7	86.8	87.1	86.6	85.0	84.0	83.0	82.6	81.85
—	—	—	—	—	—	—	—	—	—	—	—	—
76.2	76.5	79.1	83.8	86.1	88.0	86.7	85.2	84.1	83.7	83.0	82.7	81.63
77.9	77.0	79.0	83.9	88.0	88.8	87.6	85.2	85.2	84.5	83.2	82.8	82.30
76.2	76.7	80.5	86.0	89.0	90.3	90.2	87.0	84.2	83.7	82.8	81.8	82.60
79.5	78.8	84.7	89.8	91.8	92.9	90.0	86.9	83.5	82.2	81.3	81.3	84.15
75.7	76.0	80.3	85.3	89.0	90.0	87.8	85.3	82.8	83.5	82.4	80.0	81.77
75.2	76.7	81.4	85.2	88.5	91.3	90.0	88.3	84.2	81.8	82.8	81.2	82.59
—	—	—	—	—	—	—	—	—	—	—	—	—
75.7	75.2	78.0	82.0	86.7	88.2	88.2	86.2	83.9	82.7	82.0	81.1	81.19
76.2	76.2	78.3	83.2	88.4	89.8	91.6	85.8	91.0	87.0	88.0	86.2	83.25
80.0	78.5	78.0	80.3	82.2	84.2	85.8	85.2	87.5	87.0	85.0	83.2	78.84
82.2	79.5	79.0	82.0	83.3	83.8	84.0	84.5	83.5	92.0	81.5	82.2	78.03
78.0	77.5	79.0	81.2	85.0	86.7	85.8	85.2	83.8	82.8	80.8	81.5	82.28
83.8	76.0	78.6	81.8	85.2	87.0	85.3	84.2	83.0	82.2	82.0	81.7	81.62
—	—	—	—	—	—	—	—	—	—	—	—	—
75.3	77.8	79.8	82.2	85.8	86.6	86.2	84.8	83.4	83.2	83.0	81.8	82.00
77.0	77.8	79.8	83.0	86.3	87.1	85.8	85.1	84.3	84.4	83.3	82.1	81.84
77.7	77.9	80.7	83.5	87.2	86.0	85.3	84.7	83.7	83.0	81.2	82.9	81.42
79.2	80.5	80.8	83.5	86.8	88.3	88.2	87.8	86.5	80.8	73.0	73.2	81.02
86.2	82.8	84.2	83.5	89.9	88.5	87.0	87.5	84.0	73.5	80.3	73.2	82.68
80.9	77.2	81.0	83.9	84.2	86.7	83.0	84.9	84.5	83.8	81.8	77.8	80.22
77.95	77.81	80.36	83.58	86.94	88.46	87.72	86.27	85.32	83.44	81.92	80.32	81.81

DECLINATION.													
Angular Value of One Scale Division of the Declinometer = 0' 71. Increasing Numbers denote increasing Easterly Declination.													
Mean Göttingen Time.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
MAY.	1	Sc. Div. 79·8	Sc. Div. 79·3	Sc. Div. 80·8	—	—	—	—	—	—	—	—	
	2	—	—	—	81·8	82·5	82·5	82·7	82·7	82·2	81·8	81·0	
	3	80·2	75·2	77·8	79·9	81·8	82·0	82·0	83·2	81·4	80·5	81·8	
	4	80·3	81·2	81·5	81·8	—	82·8	82·8	82·2	82·0	81·0	80·2	79·0
	5	82·0	82·0	82·1	82·0	82·2	82·5	82·6	82·5	82·2	81·8	80·2	79·2
	6	81·8	81·2	81·0	81·5	82·3	82·2	82·2	82·1	81·8	81·5	80·8	80·2
	7	80·9	81·3	81·5	81·4	82·0	82·0	81·8	81·8	81·8	81·8	81·0	80·0
	8	73·0	73·0	72·4	—	—	—	—	—	—	—	—	—
	9	—	—	—	81·2	81·8	81·0	80·8	81·1	81·0	81·2	81·5	80·4
	10	81·3	79·2	81·8	81·2	81·4	81·4	81·6	81·6	81·2	81·0	81·7	80·8
	11	81·9	81·6	81·8	81·7	—	82·0	82·0	81·7	81·6	81·8	81·8	80·2
	12	81·8	81·8	81·2	81·8	81·8	82·0	82·2	82·0	81·8	81·4	81·2	79·8
	13	80·0	81·4	82·1	82·0	—	82·2	82·6	81·8	81·8	80·6	81·0	80·0
	14	82·2	81·8	82·0	81·8	—	82·0	82·2	82·0	82·1	81·5	80·9	79·7
	15	77·8	81·3	80·5	—	—	—	—	—	—	—	—	—
	16	—	—	—	79·8	81·4	83·8	83·0	82·6	80·8	82·4	76·8	80·0
	17	82·0	81·8	81·0	79·7	84·9	83·7	85·0	86·2	88·2	87·8	84·5	83·3
	18	80·2	79·8	80·0	80·8	81·1	82·1	89·7	83·4	—	83·0	82·6	81·8
	19	79·7	78·8	79·6	81·2	81·8	82·5	82·1	82·2	82·8	83·1	82·9	82·0
	20	81·0	80·6	80·3	76·9	83·0	84·2	83·8	88·2	88·0	87·2	85·4	86·4
	21	80·7	81·0	80·7	81·1	81·8	82·7	82·6	83·0	83·0	83·2	82·6	82·0
	22	81·8	81·6	81·0	—	—	—	—	—	—	—	—	—
	23	—	—	—	81·3	81·3	82·8	81·9	82·0	81·6	81·4	81·2	80·7
	24	82·1	82·0	82·2	82·1	82·6	82·6	82·8	82·6	82·3	82·2	81·8	81·3
	25	81·6	81·3	81·2	81·7	83·0	83·0	82·8	82·6	82·0	81·8	80·7	80·0
	26	81·2	80·2	80·4	80·8	80·8	81·0	81·2	80·2	81·0	80·9	81·2	80·5
	27	81·2	81·2	81·2	81·4	—	82·0	82·4	82·0	81·2	80·6	79·4	79·8
	28	76·8	76·6	78·0	77·3	78·8	80·6	82·0	83·8	83·0	82·5	82·0	82·0
	29	75·8	77·7	78·7	—	—	—	—	—	—	—	—	—
	30	—	—	—	81·8	82·0	82·2	82·2	82·9	82·8	82·8	82·4	82·4
	31	81·1	81·0	81·0	80·9	80·8	80·8	81·0	81·2	82·5	82·5	82·0	82·2
Hourly Means	80·31	80·15	80·45	80·96	81·86	82·25	82·61	82·60	82·40	82·20	81·48	80·89	
JUNE.	1	82·1	79·8	80·2	80·2	81·4	81·0	82·8	77·5	78·8	80·0	80·6	
	2	79·2	81·2	81·2	81·0	82·1	82·0	82·0	81·8	81·8	81·2	82·0	
	3	81·1	81·3	80·5	81·7	82·2	82·4	82·8	83·0	81·8	81·2	82·3	
	4	80·0	81·2	81·2	81·0	82·0	82·4	83·3	82·2	82·0	81·5	81·7	
	5	81·5	81·8	81·5	—	—	—	—	—	—	—	—	
	6	—	—	—	82·0	82·2	82·6	82·8	82·3	82·3	82·3	82·0	
	7	81·7	80·2	79·2	82·1	—	82·2	82·2	81·7	82·5	82·0	81·1	
	8	81·1	80·0	80·9	80·2	80·1	80·9	82·0	81·8	—	82·0	82·4	
	9	81·9	81·2	81·0	80·9	80·4	82·0	81·2	81·7	81·3	81·9	82·0	
	10	81·9	71·9	74·7	77·4	73·6	74·0	74·0	81·0	81·6	82·0	82·8	
	11	80·2	79·1	80·0	80·3	78·4	81·0	80·3	81·9	81·8	81·8	83·8	
	12	81·3	81·0	81·4	—	—	—	—	—	—	—	—	
	13	—	—	—	86·2	81·0	84·5	87·0	81·5	83·4	83·2	83·0	
	14	78·4	72·5	74·2	69·2	72·9	83·5	80·8	84·9	—	87·0	85·8	
	15	81·4	81·0	80·6	81·0	81·8	82·0	82·4	82·8	83·0	83·9	82·7	
	16	80·0	80·4	81·3	81·4	81·7	82·0	83·0	83·5	83·0	82·9	83·2	
	17	81·3	85·2	80·2	80·8	82·2	83·0	82·5	82·5	83·2	83·8	84·6	
	18	79·2	80·7	80·6	81·1	82·0	81·8	82·0	82·8	83·0	83·5	83·2	
	19	80·4	81·3	81·3	—	—	—	—	—	—	—	—	
	20	—	—	—	—	81·6	81·9	82·8	82·2	82·4	82·2	81·8	
	21	81·7	80·6	80·8	79·9	—	81·8	82·4	83·6	83·2	83·0	82·7	
	22	80·5	80·1	76·5	80·2	81·0	82·2	82·2	82·3	82·2	82·3	82·0	
	23	81·2	81·2	81·1	81·1	—	81·8	81·9	82·8	82·3	82·4	82·3	
	24	81·7	81·2	81·2	81·8	82·2	82·2	81·9	81·9	81·7	81·7	81·9	
	25	81·5	81·4	81·8	81·6	81·7	81·9	82·2	82·0	82·5	81·9	81·5	
	26	81·7	81·8	81·2	—	—	—	—	—	—	—	—	
	27	—	—	—	81·0	79·8	79·2	80·6	82·8	82·0	81·8	81·0	
	28	81·0	81·0	81·0	81·1	81·8	82·0	82·0	82·2	81·4	81·8	82·0	
	29	80·7	80·4	80·4	80·3	80·0	80·0	82·9	83·1	83·0	82·8	81·2	
	30	81·2	81·1	81·2	81·1	81·3	81·8	81·2	82·7	—	84·0	84·1	
Hourly Means	80·92	80·33	80·20	80·58	80·58	81·62	82·01	82·25	82·18	82·48	82·45	82·46	

DECLINATION.

Angular Value of one Scale Division of the Declinometer = 0'.71. Increasing Numbers denote increasing Easterly Declination.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
78.0	77.7	80.3	83.9	86.2	88.0	87.8	86.0	84.1	83.2	80.8	81.9	82.25
77.8	78.3	80.3	83.2	86.7	87.3	87.0	84.8	83.2	82.8	81.8	78.8	81.59
78.2	77.8	80.0	84.2	86.0	87.2	86.8	85.2	—	83.0	82.4	82.0	82.16
77.8	77.2	78.8	83.0	85.8	86.7	87.2	86.1	84.2	83.2	82.7	82.2	82.34
78.5	79.2	80.5	83.1	86.2	86.5	86.8	85.8	85.1	80.4	83.2	82.0	82.33
77.5	75.7	82.4	86.7	89.8	90.0	91.5	92.0	106.2	101.8	73.0	77.6	84.23
78.8	78.0	79.1	82.0	84.9	85.3	87.0	87.2	80.7	89.0	85.9	82.7	81.21
79.2	78.6	79.1	82.0	85.0	86.2	85.2	86.0	84.2	83.3	83.0	82.6	82.02
79.0	77.3	79.2	82.2	85.9	86.2	85.2	83.7	83.8	84.2	83.3	82.7	82.21
77.2	77.2	78.2	80.2	83.5	85.7	86.0	85.2	84.0	83.2	83.2	82.6	81.87
78.9	78.7	80.2	82.8	85.2	85.8	85.9	85.0	84.0	83.2	83.0	82.2	82.19
79.4	78.8	81.2	83.6	85.0	86.1	85.3	85.2	83.4	84.6	87.6	85.3	82.77
79.8	80.2	79.8	83.3	85.7	86.0	85.2	84.4	83.8	82.8	82.6	81.8	81.90
85.8	81.8	82.6	84.8	86.3	86.0	86.0	84.2	82.9	78.9	82.0	81.8	83.80
79.2	78.6	78.7	80.2	82.5	83.2	84.7	84.9	83.8	82.0	80.3	81.7	81.93
80.9	83.9	81.5	82.8	83.7	86.2	86.0	85.6	83.2	82.5	82.1	82.1	82.47
82.8	80.0	79.8	80.2	82.2	84.8	85.2	84.2	83.0	82.6	80.0	80.0	82.91
82.0	83.0	82.9	84.2	85.7	85.0	85.9	84.9	82.6	82.6	82.6	81.3	82.80
80.0	80.0	80.3	82.2	84.8	85.5	85.7	84.4	83.3	82.6	82.6	82.2	82.17
80.0	80.3	81.3	82.8	84.4	85.1	84.2	83.8	83.3	82.5	—	81.8	82.44
80.0	81.2	81.8	84.2	87.0	88.2	88.7	86.8	84.8	84.9	82.9	82.0	83.09
80.2	80.6	81.0	83.2	85.9	86.1	85.0	84.3	84.0	83.5	82.0	81.7	81.95
81.2	78.9	80.1	82.8	86.7	89.2	90.0	87.5	84.0	84.8	79.0	82.5	82.57
81.2	79.7	79.8	81.4	84.5	85.0	85.8	88.0	81.7	87.9	76.9	83.0	81.60
82.2	80.2	80.0	81.0	84.1	85.4	86.1	85.2	83.6	83.0	82.4	81.3	82.01
81.6	80.1	79.9	79.9	82.2	86.8	85.2	85.0	83.2	82.6	82.0	82.7	82.01
79.89	79.35	80.34	82.69	85.23	86.29	86.36	85.59	84.40	84.04	81.89	81.87	82.34
81.4	83.0	81.2	83.2	84.8	85.2	85.1	85.1	82.7	82.2	82.2	82.4	81.98
81.5	80.0	81.0	83.0	84.5	86.9	86.8	85.8	86.1	82.5	82.8	84.0	82.60
82.4	82.2	82.4	83.4	85.7	86.4	86.0	84.0	84.0	83.0	82.4	81.8	82.79
79.4	78.7	79.6	81.8	83.7	85.3	84.9	84.2	83.2	82.8	82.2	82.0	81.98
81.0	80.5	80.0	81.4	84.0	87.2	88.0	86.2	83.7	82.7	82.2	81.3	82.62
80.7	80.8	81.2	83.8	84.7	85.0	89.2	91.2	91.2	93.4	83.7	82.8	83.65
80.8	80.8	81.0	82.0	84.8	85.3	85.8	85.5	84.4	83.7	84.4	83.4	82.37
80.3	78.5	79.2	83.0	85.2	88.5	86.8	84.7	82.7	82.4	82.0	81.7	82.21
82.6	82.7	79.0	82.2	83.3	85.7	85.0	86.3	79.2	83.8	82.8	84.2	80.60
81.2	80.0	80.7	83.0	84.5	86.3	86.2	85.1	82.7	83.4	82.2	82.2	81.97
81.0	79.2	81.0	79.8	82.9	83.5	86.3	83.7	82.2	86.1	83.2	82.3	82.78
81.5	84.2	85.0	84.7	86.0	87.1	85.6	84.6	83.3	83.3	82.8	82.3	82.36
82.2	79.5	79.5	81.3	84.2	84.8	85.6	84.0	83.4	82.6	81.8	81.7	82.30
81.7	80.7	79.4	80.2	83.3	85.0	86.0	85.0	83.8	—	83.0	82.0	82.47
82.2	80.9	79.6	80.4	83.3	85.1	86.1	83.9	82.8	82.4	81.2	79.0	82.45
81.3	80.6	80.2	81.3	83.2	85.0	87.8	85.2	83.8	83.0	81.8	80.2	82.26
82.5	79.7	78.0	78.7	81.7	84.6	85.3	84.9	83.1	83.1	81.9	82.0	81.93
80.5	81.2	79.8	79.7	82.2	85.2	86.0	84.4	83.3	82.8	82.0	82.0	82.31
80.8	78.8	79.0	81.9	84.4	85.9	85.7	84.4	83.1	82.5	82.1	81.6	81.82
80.7	80.2	80.2	81.2	84.4	86.2	86.0	84.0	83.0	82.3	82.0	82.0	82.29
80.4	79.6	79.5	81.7	84.8	86.6	86.7	85.0	82.8	82.4	82.2	81.8	82.30
81.3	80.2	79.3	81.8	84.7	86.7	86.2	83.9	82.5	82.4	82.0	82.0	82.25
80.8	80.8	81.2	83.2	85.2	85.6	84.8	83.8	83.0	82.2	81.5	81.2	81.99
79.3	78.6	79.7	84.2	85.9	87.3	86.2	86.0	83.5	83.0	82.0	75.1	82.12
81.2	80.0	80.7	81.3	84.1	85.8	83.5	85.6	84.0	76.0	84.0	81.8	81.75
81.43	80.47	80.27	81.94	84.28	85.98	86.22	85.12	83.55	83.08	82.41	81.71	82.28

DECLINATION.													
Angular Value of one Scale Division of the Declinometer = 0' 71. Increasing Numbers denote increasing Easterly Declination.													
Mean Göttingen Time.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
JULY.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
	1	81° 0	81° 0	80° 0	79° 8	80° 0	82° 1	82° 7	82° 6	82° 5	82° 3	82° 1	82° 1
	2	81° 3	80° 9	80° 0	81° 3	81° 5	82° 8	83° 3	83° 3	—	82° 6	82° 3	82° 2
	3	81° 8	81° 2	81° 0	—	—	—	—	—	—	—	—	—
	4	—	—	—	82° 0	82° 0	82° 0	82° 2	82° 3	82° 4	82° 3	82° 5	82° 5
	5	81° 5	81° 3	81° 2	81° 5	81° 3	81° 8	82° 4	82° 0	82° 2	82° 7	83° 0	83° 5
	6	81° 8	81° 8	80° 9	80° 7	80° 0	80° 2	80° 8	81° 0	80° 4	81° 0	82° 1	82° 1
	7	84° 8	82° 2	81° 0	79° 8	79° 2	79° 0	79° 0	78° 4	80° 2	84° 2	82° 8	82° 8
	8	79° 2	77° 9	77° 7	79° 0	82° 2	82° 9	83° 0	84° 2	83° 2	83° 0	83° 2	82° 2
	9	81° 4	81° 2	80° 8	80° 8	—	80° 4	80° 4	80° 2	80° 9	84° 8	88° 0	95° 8
	10	78° 3	78° 0	76° 0	—	—	—	—	—	—	—	—	—
	11	—	—	—	81° 3	82° 5	81° 9	83° 3	83° 9	—	—	—	82° 7
	12	78° 9	80° 8	81° 0	80° 0	84° 2	81° 2	80° 7	82° 1	—	83° 7	83° 4	80° 3
	13	79° 5	79° 3	81° 2	81° 8	82° 7	84° 3	83° 5	85° 2	84° 6	83° 7	82° 9	82° 0
	14	80° 4	80° 5	80° 5	80° 2	82° 2	82° 0	83° 2	84° 2	83° 2	82° 5	82° 6	83° 2
	15	81° 2	81° 0	80° 7	79° 7	81° 6	83° 0	85° 3	83° 8	82° 3	81° 8	82° 5	82° 6
	16	81° 5	81° 2	81° 4	81° 8	82° 0	82° 4	83° 0	83° 3	83° 0	83° 2	83° 8	83° 3
	17	84° 0	81° 3	81° 2	—	—	—	—	—	—	—	—	—
	18	—	—	—	81° 5	81° 6	81° 8	82° 4	83° 2	81° 8	81° 8	81° 9	81° 4
	19	81° 9	80° 7	80° 0	80° 0	81° 0	81° 1	81° 1	81° 2	82° 0	81° 5	81° 5	81° 2
	20	82° 9	76° 7	77° 8	79° 6	81° 0	82° 2	82° 6	82° 0	82° 0	81° 8	81° 8	80° 0
	21	82° 4	81° 8	81° 7	81° 2	81° 3	81° 4	82° 0	82° 5	82° 1	82° 1	82° 2	81° 9
	22	84° 2	82° 0	80° 0	76° 3	79° 0	80° 7	81° 8	82° 2	82° 2	82° 0	82° 3	81° 8
	23	83° 0	81° 0	80° 2	79° 3	80° 7	81° 5	81° 9	82° 5	82° 2	81° 4	81° 7	80° 8
	24	81° 2	81° 2	81° 3	—	—	—	—	—	—	—	—	—
	25	—	—	—	81° 2	81° 2	81° 2	81° 5	82° 1	81° 3	81° 8	81° 9	81° 5
	26	81° 5	81° 7	81° 5	81° 7	81° 4	85° 0	82° 1	81° 7	82° 0	82° 4	83° 8	83° 0
	27	82° 1	81° 2	78° 8	79° 8	80° 2	80° 6	81° 0	81° 8	81° 2	81° 2	81° 3	80° 5
	28	81° 3	81° 0	81° 2	81° 7	82° 0	82° 0	82° 3	82° 2	81° 9	82° 2	82° 0	80° 9
	29	81° 6	80° 0	80° 0	80° 3	81° 5	82° 0	81° 8	82° 7	—	82° 6	82° 4	81° 8
30	82° 0	81° 3	81° 5	81° 3	80° 4	79° 3	80° 0	80° 7	81° 8	81° 2	80° 9	80° 5	
Hourly Means	81° 57	80° 69	80° 33	80° 52	81° 31	81° 72	82° 05	82° 36	82° 09	82° 39	82° 60	82° 41	
AUGUST.	July 31	81° 7	80° 8	81° 2	—	—	—	—	—	—	—	—	
	1	—	—	—	81° 2	81° 2	81° 3	82° 5	82° 0	82° 0	82° 2	82° 2	81° 2
	2	81° 8	80° 6	81° 0	81° 0	81° 2	81° 8	82° 4	83° 0	82° 8	82° 0	82° 1	80° 8
	3	81° 4	80° 7	80° 6	80° 4	80° 8	81° 0	81° 8	81° 4	82° 1	81° 7	81° 6	80° 7
	4	80° 8	78° 6	77° 8	74° 4	80° 3	80° 0	81° 0	81° 2	81° 0	80° 7	80° 2	80° 0
	5	73° 6	78° 3	74° 2	84° 2	78° 0	81° 0	82° 4	83° 7	—	85° 7	86° 9	83° 8
	6	80° 0	79° 3	79° 4	79° 8	84° 5	85° 0	84° 2	83° 7	83° 2	81° 4	80° 9	79° 9
	7	80° 3	80° 9	80° 8	—	—	—	—	—	—	—	—	—
	8	—	—	—	—	81° 8	82° 0	83° 2	84° 8	88° 2	86° 2	83° 4	87° 8
	9	80° 0	80° 0	80° 8	81° 6	81° 1	82° 0	82° 2	82° 7	82° 3	81° 8	82° 0	84° 5
	10	81° 2	80° 8	80° 3	81° 0	—	81° 9	83° 2	83° 3	83° 2	83° 2	82° 6	81° 8
	11	81° 1	81° 0	80° 9	81° 2	—	82° 3	82° 5	82° 7	82° 0	81° 3	80° 8	80° 3
	12	81° 7	81° 3	80° 4	78° 8	81° 5	82° 5	82° 8	82° 5	—	81° 9	82° 8	79° 9
	13	81° 8	81° 5	81° 3	81° 5	81° 9	82° 2	82° 3	82° 4	—	81° 8	81° 6	80° 8
	14	82° 3	81° 3	76° 4	—	—	—	—	—	—	—	—	—
	15	—	—	—	80° 8	81° 3	81° 9	82° 5	82° 3	82° 4	81° 8	81° 8	80° 5
	16	81° 8	81° 3	80° 0	80° 0	80° 0	81° 4	79° 1	82° 0	82° 0	82° 0	81° 2	81° 2
	17	82° 8	82° 9	79° 6	79° 4	—	78° 4	76° 0	80° 8	80° 8	80° 5	81° 0	80° 8
	18	82° 0	81° 7	81° 8	81° 7	81° 7	81° 8	82° 0	82° 0	81° 0	83° 0	81° 6	80° 6
	19	82° 0	81° 9	81° 5	81° 2	81° 3	81° 8	83° 3	81° 4	81° 0	80° 8	81° 6	78° 7
	20	80° 7	80° 0	80° 6	79° 0	80° 6	82° 0	82° 4	83° 0	—	81° 8	81° 2	80° 0
	21	81° 3	80° 9	81° 3	—	—	—	—	—	—	—	—	—
	22	—	—	—	74° 2	71° 7	76° 4	81° 0	83° 0	82° 8	82° 8	80° 8	81° 0
	23	80° 9	80° 3	80° 0	79° 7	80° 2	82° 0	82° 8	81° 9	81° 8	81° 0	80° 7	78° 0
	24	81° 2	79° 7	79° 5	79° 2	79° 7	79° 6	80° 0	81° 0	80° 9	83° 5	79° 6	77° 2
	25	78° 5	82° 3	76° 0	73° 1	71° 2	76° 0	76° 2	77° 2	78° 0	79° 9	78° 8	78° 6
	26	80° 0	77° 6	78° 9	79° 0	—	79° 8	80° 5	81° 0	80° 8	80° 3	80° 8	78° 9
	27	81° 8	81° 8	81° 8	81° 7	82° 0	82° 0	82° 1	82° 2	82° 0	80° 9	81° 1	78° 1
	28	81° 2	79° 2	71° 2	—	—	—	—	—	—	—	—	—
	29	—	—	—	81° 8	81° 8	82° 0	82° 3	82° 0	82° 7	82° 7	82° 3	78° 8
	30	79° 9	81° 7	81° 0	79° 0	80° 0	83° 7	79° 0	80° 8	81° 8	81° 2	80° 0	79° 0
31	81° 7	79° 0	79° 4	79° 0	—	80° 4	81° 1	81° 2	80° 6	80° 2	80° 0	75° 4	
Hourly Means	80° 87	80° 57	79° 54	79° 77	80° 17	81° 10	81° 51	82° 04	81° 97	81° 94	81° 47	80° 33	

DECLINATION.

Angular Value of one Scale Division of the Declinometer = 0'71. Increasing numbers denote increasing Easterly Declination.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
79°8	79°0	79°2	81°8	84°3	86°0	85°7	84°1	—	82°2	82°0	81°7	81°91
81°3	80°0	80°1	81°2	83°6	85°0	84°7	83°8	82°9	83°0	79°8	79°3	82°01
—	—	—	—	—	—	—	—	—	—	—	—	82°20
81°2	80°0	78°8	79°8	83°0	85°1	85°3	85°2	83°4	83°0	82°0	81°8	83°15
83°0	82°0	82°0	81°9	83°0	83°9	85°3	86°8	86°7	86°7	87°3	82°6	81°89
81°5	80°2	80°9	81°7	83°0	84°7	84°5	85°4	83°4	83°4	—	—	81°68
80°6	79°2	78°8	80°4	83°0	84°0	87°0	83°9	82°8	84°0	82°2	81°1	82°18
81°0	80°0	81°8	82°6	84°8	84°8	84°5	84°2	82°9	82°9	82°2	82°4	84°60
92°4	93°0	86°1	86°8	84°2	86°8	87°5	84°8	82°8	82°2	83°8	80°8	82°05
—	—	—	—	—	—	—	—	—	—	—	—	81°86
81°7	81°2	81°2	85°0	85°3	85°3	85°9	84°5	82°9	79°9	82°9	79°3	82°69
80°6	81°0	79°4	81°6	85°3	85°6	86°2	79°2	82°0	83°0	81°8	80°7	82°81
80°0	80°2	82°2	84°3	85°2	86°1	84°8	84°2	82°8	82°3	82°0	79°8	82°63
81°4	80°0	82°0	84°2	86°1	87°6	86°4	84°2	83°3	83°6	82°2	81°8	82°59
81°6	79°8	80°0	83°3	85°2	85°8	86°2	85°2	83°2	83°0	82°2	82°2	82°46
81°2	79°2	79°0	79°8	84°0	84°9	85°7	84°8	83°2	83°9	83°2	83°4	82°17
—	—	—	—	—	—	—	—	—	—	—	—	82°35
79°2	79°0	80°8	81°5	85°0	85°9	86°2	84°8	84°2	83°2	83°0	82°4	83°08
80°0	78°9	80°0	82°3	85°1	86°7	86°0	85°0	83°9	83°2	84°0	83°9	82°81
81°9	81°8	82°3	82°4	84°1	85°4	86°2	85°5	84°4	84°0	84°8	83°2	82°49
79°9	78°4	77°4	79°4	82°5	87°8	90°5	88°4	87°6	86°7	87°2	85°6	82°12
81°4	80°2	81°8	83°2	85°8	87°8	89°3	86°8	85°8	84°7	83°8	82°4	82°55
78°3	78°6	80°0	83°2	87°8	90°0	88°7	85°9	83°8	82°8	82°5	82°0	82°31
—	—	—	—	—	—	—	—	—	—	—	—	82°00
80°0	77°4	79°8	82°4	84°1	85°8	86°7	85°7	83°7	83°0	82°5	82°5	82°12
82°3	80°0	81°3	82°3	85°1	87°5	86°7	87°1	84°1	84°1	83°7	83°1	82°13
79°2	78°0	79°8	82°7	86°0	88°8	91°0	90°0	88°0	84°2	82°0	81°7	82°55
78°2	76°8	79°0	81°2	83°5	86°0	87°2	86°1	84°2	83°5	82°7	81°9	82°12
79°9	78°0	78°0	78°7	84°0	87°0	86°5	87°0	85°8	85°8	84°7	81°0	82°31
78°4	78°1	78°6	83°1	86°7	88°2	88°2	85°8	84°0	83°0	82°3	80°8	82°00
81°00	80°00	80°40	82°18	84°60	86°25	86°65	85°32	84°07	83°51	83°07	81°90	82°20
—	—	—	—	—	—	—	—	—	—	—	—	81°92
78°8	77°3	78°3	81°0	83°2	85°7	86°7	85°7	83°3	82°7	82°4	81°5	82°92
79°3	78°5	79°2	83°9	87°0	88°0	88°2	86°7	86°5	86°5	83°7	82°0	82°97
79°8	78°2	78°4	81°0	85°0	87°2	90°8	88°3	87°0	86°8	87°0	85°3	81°90
77°4	76°8	76°3	82°7	85°8	82°2	97°6	91°4	91°7	86°2	82°3	79°1	81°80
82°5	79°0	80°8	82°4	85°0	85°0	85°9	84°8	83°2	77°0	82°8	81°2	82°27
83°8	81°2	83°3	82°3	85°0	85°0	85°4	84°2	79°2	81°8	81°1	81°0	83°50
—	—	—	—	—	—	—	—	—	—	—	—	81°95
84°5	80°3	78°8	80°3	85°8	88°8	87°8	86°8	84°0	83°0	81°0	80°0	82°22
79°8	78°7	78°2	81°0	83°3	84°9	86°2	86°0	83°5	82°6	79°8	81°7	82°33
79°7	78°3	78°2	80°1	83°4	86°4	86°4	85°2	84°0	82°7	82°3	81°8	82°15
78°7	79°1	80°2	82°5	85°0	86°7	86°8	86°7	84°3	83°0	82°7	81°8	82°01
79°4	77°0	78°7	80°8	83°7	87°0	87°8	87°1	84°4	83°2	82°5	81°8	81°44
79°0	77°0	77°4	80°3	82°9	84°0	85°8	86°8	84°3	83°1	83°7	82°9	82°57
—	—	—	—	—	—	—	—	—	—	—	—	81°53
78°6	77°0	76°8	78°8	81°7	83°0	84°3	86°0	85°0	83°4	82°7	82°0	82°21
79°0	76°7	76°8	78°9	81°9	85°9	89°2	91°2	91°0	87°6	86°6	84°8	81°81
79°3	78°6	78°5	80°0	83°5	85°0	85°5	86°2	85°8	83°8	85°0	81°0	81°88
78°0	78°2	78°2	81°2	85°5	85°2	86°1	86°0	84°8	83°4	83°0	82°5	81°31
76°3	74°9	77°0	79°9	84°7	87°2	88°8	86°9	85°7	81°0	82°5	82°4	81°92
77°2	76°6	78°1	80°4	84°0	86°8	87°8	87°9	84°9	83°4	82°4	82°4	82°36
—	—	—	—	—	—	—	—	—	—	—	—	82°14
77°5	76°0	75°7	78°5	83°4	88°0	89°3	87°4	86°4	86°1	84°2	81°8	81°56
76°0	75°5	77°1	81°1	83°7	86°0	87°9	86°7	85°7	86°0	86°8	84°2	82°21
76°2	77°2	79°8	82°8	85°2	89°2	89°8	93°2	87°3	—	89°8	82°0	81°75
78°7	77°8	79°0	82°5	87°6	91°8	92°2	93°1	94°8	94°1	89°9	84°1	81°92
77°5	77°8	79°8	82°8	85°0	87°8	87°2	87°0	84°8	83°8	82°8	82°0	82°36
78°0	77°7	79°2	82°4	86°7	88°1	87°9	86°7	84°4	82°0	82°5	80°0	82°14
—	—	—	—	—	—	—	—	—	—	—	—	81°74
76°5	76°2	80°2	83°8	86°8	87°7	86°5	85°2	84°8	82°8	81°0	82°4	82°01
77°2	76°5	78°4	82°7	85°3	86°9	88°9	86°9	84°0	83°1	82°8	82°0	81°74
73°4	74°4	77°0	81°8	86°0	87°8	88°2	86°8	84°5	83°0	82°8	82°0	81°12
78°60	77°50	78°50	81°33	84°67	86°57	87°96	87°29	85°53	83°93	83°56	82°06	82°05

DECLINATION.														
Angular Value of one Scale Division of the Declinometer = 0' 71. Increasing Numbers denote increasing Easterly Declination.														
Mean Göttingen Time. }	0 ^h .	1 ^h .	2 ^h .	3 ^h .	4 ^h .	5 ^h .	6 ^h .	7 ^h .	8 ^h .	9 ^h .	10 ^h .	11 ^h .		
SEPTEMBER.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.		
	1	81.1	81.1	81.2	81.1	81.3	81.3	82.2	85.3	—	80.2	79.3	Sc. Div.	
	2	82.3	81.9	80.4	78.6	80.0	80.8	81.7	82.0	82.2	82.1	82.1	77.8	
	3	81.4	77.9	81.0	81.8	—	81.8	81.8	81.8	82.7	83.2	81.6	79.7	
	4	79.2	76.6	79.0	—	—	—	—	—	—	—	—	78.4	
	5	—	—	—	79.7	80.7	81.0	80.7	82.7	85.4	83.0	80.9	—	78.1
	6	81.0	79.6	79.2	79.0	80.4	81.5	82.1	82.0	82.2	82.0	81.2	78.8	
	7	80.2	79.3	79.6	79.1	81.8	81.8	82.0	81.8	82.1	83.2	81.2	77.8	
	8	81.8	81.8	81.8	81.8	81.5	82.2	82.1	82.0	82.3	82.8	81.0	77.8	
	9	81.8	78.0	68.8	75.2	70.5	78.5	76.4	72.1	78.7	83.6	86.8	82.4	
	10	81.9	81.7	81.3	81.3	81.5	81.6	81.8	81.8	81.6	81.4	80.4	77.3	
	11	81.7	77.1	78.9	—	—	—	—	—	—	—	—	—	
	12	—	—	—	80.9	81.3	81.6	81.8	81.6	81.6	81.6	82.8	76.9	
	13	79.9	69.5	65.8	67.7	81.0	79.7	78.0	77.6	—	82.3	77.8	74.7	
	14	81.9	81.6	81.4	81.2	81.2	81.8	80.3	83.0	79.9	79.1	77.8	75.8	
	15	81.8	81.8	81.6	81.4	81.3	81.6	81.8	81.9	—	81.0	78.2	75.8	
	16	82.4	81.2	79.8	80.4	81.0	81.8	81.8	82.0	—	81.8	78.1	75.5	
	17	79.8	80.9	80.0	79.6	—	—	—	—	—	79.9	77.9	76.0	
	18	81.8	81.2	81.2	—	—	—	—	—	—	—	—	—	
	19	—	—	—	79.6	79.8	79.8	80.4	81.0	80.6	79.3	79.8	75.5	
	20	81.4	80.8	81.4	81.5	80.7	81.2	80.0	80.7	80.7	81.8	81.0	75.5	
	21	81.7	81.3	80.0	80.0	81.2	81.1	81.2	81.2	—	79.8	78.2	74.8	
	22	83.1	82.3	80.1	76.1	76.9	79.0	79.0	78.8	78.1	77.0	76.9	71.9	
	23	82.3	76.9	73.7	65.5	72.5	71.0	71.8	76.7	76.2	75.2	75.0	68.6	
	24	79.0	81.0	33.0	64.0	62.2	36.8	81.3	49.5	72.2	76.0	78.6	78.0	
	25	82.3	81.8	81.0	—	—	—	—	—	—	—	—	—	
	26	—	—	—	73.0	71.2	69.8	66.7	88.0	76.5	83.6	87.2	77.7	
	27	28.8	68.0	59.7	51.0	81.0	69.1	72.8	76.8	78.7	78.6	75.8	74.3	
	28	81.0	80.7	81.0	80.7	81.2	82.0	82.8	82.2	—	81.3	87.1	81.0	
	29	80.7	79.8	80.4	81.7	79.3	81.0	88.8	79.0	86.5	98.6	100.0	82.9	
30	81.7	81.2	81.0	81.2	81.1	81.4	81.8	81.4	—	81.2	77.4	76.0		
Hourly Means	79.31	79.42	76.67	77.04	78.77	77.97	80.04	79.72	80.45	81.52	80.93	76.88		
OCTOBER.	1	82.0	80.5	80.5	80.4	80.8	81.0	81.2	81.4	80.8	79.8	77.3	77.0	
	2	79.6	80.7	81.0	—	—	—	—	—	—	—	—	—	
	3	—	—	—	81.5	81.3	81.9	81.0	80.8	80.4	79.6	76.4	72.0	
	4	82.3	82.4	81.8	81.4	81.2	81.4	81.4	81.3	80.8	81.0	76.2	72.8	
	5	82.4	82.6	80.8	79.7	80.0	80.4	81.2	84.8	83.2	79.9	76.1	77.2	
	6	82.1	82.0	81.5	81.7	81.8	81.8	81.8	81.7	81.2	79.8	76.4	73.4	
	7	81.2	81.8	81.5	82.0	—	82.0	81.8	81.6	80.7	79.0	76.3	72.7	
	8	80.9	73.8	78.6	80.2	84.6	80.3	80.7	80.0	81.1	84.6	83.7	78.8	
	9	82.5	82.0	82.0	—	—	—	—	—	—	—	—	—	
	10	—	—	—	82.2	83.0	83.8	85.2	87.8	81.8	81.8	75.4	72.2	
	11	79.0	79.0	79.0	81.2	81.7	81.8	81.8	82.0	85.8	81.2	74.5	70.6	
	12	82.0	81.0	81.7	81.0	81.0	81.3	80.8	79.9	82.0	83.6	75.5	69.2	
	13	75.8	77.4	60.0	63.9	82.3	77.2	76.5	81.0	—	77.5	74.0	71.9	
	14	83.2	82.8	80.8	77.7	—	80.0	81.0	80.8	79.7	77.6	74.0	71.3	
	15	83.2	77.3	77.6	85.0	76.1	78.7	81.1	80.1	78.8	76.0	74.0	68.0	
	16	78.2	75.2	79.2	—	—	—	—	—	—	—	—	—	
	17	—	—	—	77.3	77.5	77.2	79.0	79.5	78.3	73.6	68.7	67.0	
	18	76.8	72.0	76.5	70.2	69.7	79.9	79.8	80.1	79.7	78.4	71.3	65.5	
	19	81.2	74.2	70.8	82.9	—	—	81.0	79.0	78.3	77.8	74.8	71.9	
	20	81.2	81.2	81.3	81.3	81.7	81.3	81.3	80.7	80.4	78.5	73.8	66.0	
	21	82.3	82.0	81.8	81.7	81.5	82.0	81.7	81.2	80.8	78.5	75.8	71.0	
	22	81.5	77.2	76.5	79.9	80.8	81.6	81.2	80.6	81.0	80.2	76.2	71.6	
	23	64.0	64.0	51.0	—	—	—	—	—	—	—	—	—	
	24	—	—	—	77.6	88.5	82.6	68.4	78.8	82.0	85.0	76.0	68.0	
	25	80.0	74.8	71.0	70.2	61.2	82.3	81.2	84.2	91.0	88.8	72.4	72.3	
	26	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.7	—	77.7	74.8	73.0	
	27	82.1	81.8	81.8	81.5	—	82.1	81.2	81.2	80.4	78.8	74.6	71.0	
	28	82.9	82.4	82.1	81.9	—	81.8	81.8	82.0	82.0	—	76.7	74.2	
	29	72.0	76.0	76.0	75.0	77.5	77.2	76.4	76.8	77.0	74.4	71.5	72.5	
	30	82.2	81.5	80.9	—	—	—	—	—	—	—	—	—	
	31	—	—	—	80.4	80.0	79.8	79.8	81.0	79.7	80.0	74.9	72.1	
Hourly Means	80.09	78.75	77.60	79.22	79.72	80.85	80.39	81.15	81.12	79.72	75.05	71.66		

DECLINATION.

Angular Value of one Scale Division of the Declinometer = 0'.71. Increasing Numbers denote increasing Easterly Declination.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div. 75.5	Sc. Div. 75.5	Sc. Div. 79.4	Sc. Div. 81.2	Sc. Div. 83.8	Sc. Div. 85.8	Sc. Div. 86.4	Sc. Div. 86.0	Sc. Div. 85.0	Sc. Div. 83.8	Sc. Div. 83.2	Sc. Div. 83.0	Sc. Div. 81.76
77.6	77.8	79.4	82.4	85.0	86.7	86.8	86.3	85.0	83.0	82.8	81.8	82.02
79.5	76.5	78.2	82.2	84.3	87.0	87.8	86.8	85.1	83.6	83.4	82.4	82.18
76.2	75.5	76.7	81.8	84.4	86.2	87.3	87.0	85.1	83.7	83.0	81.7	81.48
75.5	75.2	77.0	80.8	85.7	88.1	87.3	86.2	85.0	82.9	81.9	82.1	81.53
74.7	73.3	76.9	81.3	85.6	87.8	88.0	86.7	84.8	82.8	82.7	82.2	81.53
75.2	76.2	79.8	82.7	85.9	87.9	88.1	87.0	84.9	82.9	82.8	82.4	82.28
80.5	78.0	78.7	80.8	83.3	86.2	87.5	85.8	83.3	83.2	83.0	82.5	80.23
73.6	73.4	73.8	78.4	83.8	88.0	89.8	88.6	86.8	81.0	84.0	82.3	81.55
72.7	72.0	72.6	80.0	86.0	91.3	94.3	91.5	94.3	94.4	82.3	76.3	82.31
75.0	76.4	77.5	81.2	86.6	90.7	93.2	91.6	88.0	85.6	84.0	83.0	80.30
74.5	76.0	78.8	83.4	87.2	89.0	88.0	86.8	84.8	84.0	83.2	82.8	81.81
74.0	74.7	77.0	82.8	88.0	90.0	89.6	87.4	85.8	84.7	84.0	83.2	82.15
74.6	75.7	78.5	83.4	89.2	91.4	92.7	89.0	86.9	84.8	83.4	82.7	82.44
73.2	74.8	77.2	82.8	88.9	92.8	92.2	89.8	86.2	82.8	80.9	82.2	81.82
74.0	73.4	75.0	82.8	89.8	92.7	91.3	88.8	85.8	84.8	83.8	82.6	82.15
72.2	72.9	77.0	82.3	87.1	90.2	89.7	87.8	84.7	83.7	83.3	83.0	81.54
69.4	71.8	77.8	84.1	90.2	94.8	93.7	91.2	89.0	85.7	83.9	84.2	81.46
68.6	74.7	75.8	82.4	90.2	92.3	91.2	92.0	100.1	101.9	88.8	87.0	80.43
82.0	78.0	78.9	80.5	83.6	85.6	86.7	84.4	82.3	83.9	83.4	82.9	74.32
81.0	78.6	82.0	82.8	90.2	91.0	95.4	99.0	88.2	61.3	82.2	57.5	80.33
72.8	74.0	76.7	79.0	83.0	82.3	90.7	87.4	85.8	84.9	83.0	81.9	74.84
74.4	78.3	81.0	81.5	85.8	88.8	88.8	86.0	85.0	82.2	81.0	79.2	82.30
78.4	78.8	80.5	85.0	87.0	89.5	88.0	85.9	83.3	83.0	82.9	82.1	84.30
73.5	72.9	77.2	81.3	86.5	89.8	91.0	88.3	85.8	83.9	83.3	82.6	81.85
75.14	75.28	77.65	81.96	86.61	89.16	89.87	88.29	86.40	83.91	83.23	81.41	81.19
74.2	74.6	78.1	83.8	89.0	92.5	91.8	90.2	85.2	83.2	83.2	80.2	82.03
70.8	72.7	78.3	84.2	88.9	90.6	91.1	88.1	84.9	83.9	83.8	82.9	81.52
70.8	72.0	76.2	83.1	89.7	94.2	94.0	90.7	86.2	83.7	83.0	82.7	82.10
73.8	74.7	78.6	82.7	87.9	90.5	91.0	88.9	85.2	83.8	83.7	82.3	82.14
73.0	74.8	77.3	81.8	86.4	89.2	90.0	88.4	85.7	83.6	83.0	82.6	81.71
70.9	73.2	78.4	84.5	89.3	94.0	93.7	92.2	91.2	88.8	87.2	84.1	82.96
77.8	82.9	85.8	89.8	93.4	96.0	94.5	90.7	87.5	84.1	83.1	82.7	83.98
72.8	74.1	77.3	85.2	93.0	94.7	92.8	88.8	84.9	83.0	82.8	82.0	82.96
68.8	71.7	78.5	87.8	90.7	93.8	92.8	89.1	84.5	84.0	83.2	82.5	81.87
67.3	70.2	77.4	83.9	93.6	99.1	99.8	95.6	91.2	85.9	86.0	76.2	82.72
69.4	74.2	81.2	85.2	90.4	91.8	91.2	87.8	85.3	84.2	83.8	83.4	79.37
70.3	73.8	79.7	86.0	91.0	92.2	92.0	90.0	87.0	85.0	83.5	83.0	81.84
66.0	70.0	79.2	85.0	89.8	90.9	90.3	89.0	85.8	84.8	83.4	83.4	80.56
67.0	69.2	77.0	85.4	90.7	93.9	94.2	90.2	88.2	81.7	74.8	73.7	79.03
64.6	67.2	73.9	84.5	90.1	92.2	91.9	88.8	84.0	82.2	82.9	83.2	78.56
70.2	71.2	77.0	83.6	90.5	91.9	90.0	87.0	84.8	82.8	82.0	81.7	80.21
64.8	67.0	77.0	86.0	93.9	97.2	95.2	90.0	85.1	83.2	82.8	82.8	81.40
68.3	71.2	79.8	88.5	95.6	97.0	94.7	89.3	86.0	84.0	83.3	82.1	82.50
66.0	69.6	76.7	90.3	97.8	99.4	95.8	93.7	87.8	89.0	87.4	83.0	82.70
65.5	85.0	82.8	82.5	90.6	105.8	105.3	93.5	78.8	84.1	54.9	79.0	78.90
69.1	72.7	76.7	80.7	86.8	88.0	86.0	83.7	82.0	81.7	81.8	82.0	79.19
71.0	72.0	77.0	81.4	85.0	86.9	86.2	84.7	84.7	83.0	82.8	82.7	80.76
63.8	73.0	79.5	84.1	88.4	89.8	88.9	87.2	85.6	84.6	83.8	83.8	81.26
75.4	77.8	83.5	86.2	91.3	93.2	92.8	91.2	88.8	85.6	84.0	83.8	83.70
73.2	76.2	80.7	86.2	90.2	92.8	90.9	88.0	86.8	85.0	81.0	79.0	79.68
74.6	77.8	82.5	87.1	89.2	90.5	89.2	87.5	85.8	83.2	81.7	81.8	81.80
69.98	73.41	78.85	84.98	90.51	93.39	92.54	89.40	85.88	84.16	82.03	81.79	81.36

DECLINATION.												
Angular Value of one Scale Division of the Declinometer = 0' 71. Increasing Numbers denote increasing Easterly Declination.												
Mean Göttingen Time.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.
NOVEMBER.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
	1	77.8	74.0	81.4	76.4	74.8	80.3	87.8	82.8	77.5	74.2	66.8
	2	82.4	81.8	81.8	81.2	82.2	81.6	80.5	78.8	77.0	74.0	71.4
	3	80.2	79.2	78.9	79.1	—	82.8	81.0	78.8	76.8	75.0	73.3
	4	81.0	79.9	80.4	81.6	81.6	81.6	80.4	79.9	77.7	77.5	76.0
	5	80.4	81.0	81.4	81.6	81.8	81.9	81.6	81.0	79.6	76.3	73.5
	6	81.9	82.3	81.4	—	—	—	—	—	—	—	—
	7	—	—	—	81.9	83.0	81.2	83.0	81.0	77.6	74.0	69.8
	8	81.1	73.8	75.3	79.2	79.3	80.0	80.2	78.4	76.6	74.0	71.2
	9	81.8	77.2	78.1	77.6	—	80.2	79.8	79.2	79.0	76.0	75.7
	10	81.7	79.9	78.2	77.4	76.8	76.5	74.8	75.8	78.1	74.9	75.4
	11	82.2	80.4	81.0	81.3	81.2	82.2	81.0	81.0	76.6	77.0	72.4
	12	81.2	81.9	80.1	80.9	—	81.0	81.2	81.2	80.0	78.5	73.0
	13	81.5	81.0	79.8	—	—	—	—	—	—	—	—
	14	—	—	—	81.2	76.4	80.7	77.3	79.6	79.4	79.8	73.4
	15	80.2	80.6	80.0	80.7	81.4	84.2	82.0	81.3	80.8	78.5	75.2
	16	75.2	79.0	79.4	79.6	72.2	80.0	85.7	77.8	—	79.6	78.0
	17	82.0	81.5	81.5	81.0	80.4	80.3	80.6	80.5	—	77.0	71.8
	18	82.1	82.2	76.4	77.3	79.0	80.6	82.0	81.3	80.2	78.0	73.7
	19	81.3	81.2	80.8	80.2	80.8	81.0	81.0	—	76.6	78.7	80.0
	20	76.3	66.8	68.2	—	—	—	—	—	—	—	—
	21	—	—	—	81.6	81.2	80.8	81.0	80.8	78.7	75.7	72.0
	22	82.5	81.7	81.2	80.3	80.0	84.0	67.0	70.1	67.5	74.4	69.3
	23	83.2	83.1	82.8	82.1	81.5	82.2	79.8	80.6	80.0	76.2	72.3
	24	80.7	80.2	81.3	82.8	85.7	85.0	87.3	83.8	81.6	75.4	71.1
	25	71.7	75.0	53.2	73.2	80.0	81.7	76.0	83.0	83.5	86.4	80.7
	26	74.0	75.0	75.2	75.5	—	82.7	83.7	77.6	76.2	72.4	71.0
	27	80.9	82.0	78.3	—	—	—	—	—	—	—	—
	28	—	—	—	80.0	81.2	81.2	80.2	81.0	—	74.8	70.3
	29	82.7	82.5	82.0	81.9	81.2	82.3	85.4	81.7	78.8	77.5	73.8
30	83.0	82.3	81.6	81.6	81.2	81.0	80.8	80.4	78.5	75.7	72.9	
Hourly Means	80.35	79.44	78.45	79.89	80.13	81.42	80.81	79.90	78.19	76.60	72.23	70.25
DECEMBER.	1	83.0	81.8	81.8	82.2	—	81.0	76.0	73.3	66.3	68.9	68.6
	2	83.8	80.0	81.8	80.6	83.1	81.0	80.9	81.8	81.2	80.0	73.8
	3	77.4	78.0	81.1	83.2	74.3	79.2	79.4	77.7	73.2	71.9	69.6
	4	83.2	82.5	81.8	—	—	—	—	—	—	—	—
	5	—	—	—	81.5	81.3	81.2	81.5	80.2	77.8	77.0	70.7
	6	82.4	82.0	81.6	81.7	81.3	81.3	81.7	80.0	78.7	78.2	74.8
	7	81.0	81.1	81.2	81.2	81.3	81.2	81.1	79.8	77.1	74.0	72.1
	8	79.6	76.5	77.4	78.0	—	76.9	78.0	79.7	76.2	75.8	69.2
	9	80.4	79.9	79.8	73.9	71.3	78.5	76.8	76.8	75.2	74.8	72.5
	10	78.8	—	81.0	80.8	78.0	77.0	76.0	84.0	76.3	77.9	70.8
	11	80.4	77.0	74.2	—	—	—	—	—	—	—	—
	12	—	—	—	78.8	78.2	78.0	76.7	77.7	79.1	76.1	73.0
	13	83.2	82.5	81.2	80.5	78.9	84.0	80.0	79.7	—	74.6	72.7
	14	82.2	80.0	80.8	81.1	82.7	83.4	80.4	79.2	81.0	80.0	72.8
	15	82.8	82.8	82.0	82.2	81.2	80.2	80.4	79.5	77.0	75.8	73.3
	16	83.1	—	82.3	82.0	82.0	81.7	81.2	79.5	77.3	77.2	70.5
	17	87.0	81.8	82.3	84.8	87.4	74.4	—	76.0	76.2	79.7	78.1
	18	80.0	79.8	102.0	—	—	—	—	—	—	—	—
	19	—	—	—	—	68.5	70.0	55.1	57.6	78.2	79.0	75.5
	20	96.4	65.2	69.0	53.4	71.2	59.2	73.2	51.5	61.0	82.0	82.0
	21	82.3	80.8	80.0	82.5	82.2	81.7	81.2	80.7	75.9	74.7	73.0
	22	81.0	81.2	81.7	73.4	78.9	80.0	80.0	80.8	78.8	76.5	73.3
	23	77.9	78.8	80.8	80.0	83.7	80.3	84.4	83.0	81.6	83.0	80.8
	24	80.0	79.8	79.7	—	—	—	—	—	—	—	—
	25	—	—	—	—	—	—	—	—	—	—	—
	26	—	—	—	81.7	81.8	81.8	81.7	81.7	80.4	79.0	75.3
	27	80.8	80.0	80.0	79.8	—	81.2	81.7	80.2	79.4	78.9	76.0
	28	82.7	82.2	82.0	81.8	—	82.0	83.0	84.0	81.3	81.0	78.2
	29	83.6	83.1	81.9	81.5	80.8	81.2	82.5	83.0	78.8	75.0	70.9
	30	82.3	82.1	81.0	81.3	81.5	81.5	81.5	81.7	80.5	76.0	73.0
	31	82.6	82.4	82.2	82.0	82.2	82.2	81.9	80.8	78.2	74.1	71.0
Hourly Means	82.23	80.05	81.18	79.64	79.63	79.23	79.05	78.07	77.07	76.97	73.52	71.55

* Christmas Day.

DECLINATION.												
Angular Value of one Scale Division of the Declinometer 0'71. Increasing Numbers denote increasing Easterly Declination.												
12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
79°2	80°9	90°5	93°6	94°0	95°5	93°7	90°2	84°5	82°7	82°3	83°1	82°24
69°7	73°2	82°0	87°7	93°1	94°8	93°2	91°6	86°8	86°0	86°8	82°6	82°13
73°8	77°2	82°8	88°9	92°8	92°8	91°4	87°4	85°8	85°2	83°4	81°9	81°77
71°3	73°2	77°8	84°0	89°3	92°0	90°7	88°0	86°4	85°2	83°6	82°3	81°44
71°9	73°5	79°8	84°8	89°0	93°3	94°7	89°0	87°2	82°9	81°8	82°6	81°73
—	—	—	—	—	—	—	—	—	—	—	—	81°45
67°8	72°4	79°2	88°5	94°0	96°0	93°0	90°0	81°0	83°0	83°0	82°8	79°94
69°5	72°0	78°2	85°0	89°7	92°1	91°4	90°2	87°5	84°9	78°6	82°6	81°10
71°0	73°7	79°6	84°7	90°8	92°5	91°7	89°2	86°2	83°8	83°8	83°4	79°83
65°8	71°8	80°6	86°4	90°8	91°8	89°3	87°8	84°5	84°0	82°3	82°2	80°32
67°8	69°5	75°8	82°3	88°8	91°7	90°6	87°1	83°9	82°2	81°8	80°8	81°36
67°2	71°1	77°0	83°4	90°7	94°1	94°0	91°2	88°0	85°2	81°9	79°9	79°41
—	—	—	—	—	—	—	—	—	—	—	—	80°6
65°5	69°7	73°4	78°6	83°9	86°5	88°0	88°2	85°8	84°0	81°9	80°6	81°73
71°9	74°5	77°6	82°8	89°0	91°8	91°0	89°8	87°5	85°8	84°4	78°8	80°42
69°0	73°8	77°7	84°6	87°8	89°2	88°8	87°0	85°0	82°8	83°2	82°5	81°11
70°0	72°2	80°3	84°2	89°7	93°3	91°1	88°4	85°2	82°3	80°4	79°8	80°83
72°9	74°1	80°4	86°8	91°6	91°3	90°2	87°7	84°8	80°8	77°2	79°4	81°92
68°0	68°6	79°2	82°8	86°3	91°4	92°1	92°8	88°4	87°0	85°9	83°7	79°98
—	—	—	—	—	—	—	—	—	—	—	—	83°4
69°0	72°1	78°8	84°0	89°6	93°0	92°9	89°8	87°2	84°0	83°8	83°4	81°09
65°0	72°9	84°0	90°4	93°2	93°0	98°8	97°0	92°2	86°0	85°3	83°8	81°00
68°2	68°0	78°1	85°8	92°1	93°1	91°9	88°2	83°5	81°2	80°0	80°8	83°76
69°5	75°4	81°4	88°0	92°0	93°8	99°8	101°4	96°8	85°2	83°5	80°8	78°42
70°7	72°0	82°5	82°3	83°3	85°4	87°1	84°0	78°8	80°4	77°2	79°5	79°32
66°5	72°0	74°2	83°5	88°4	93°4	93°3	90°2	86°4	80°4	80°0	81°1	82°9
—	—	—	—	—	—	—	—	—	—	—	—	80°00
64°7	69°0	75°9	81°2	88°5	90°9	91°0	90°0	86°5	83°6	—	82°9	82°60
69°7	77°3	84°3	91°8	92°1	91°2	90°1	88°6	85°1	83°6	83°5	83°0	82°29
73°1	78°6	85°0	91°0	94°7	95°2	92°0	88°3	84°0	80°3	79°4	82°3	81°05
69°60	73°10	79°85	85°66	90°20	92°27	91°99	89°73	86°11	83°56	82°20	81°79	81°05
75°2	79°0	81°2	85°8	89°0	89°0	88°0	82°3	79°2	82°4	82°4	82°5	79°64
72°0	80°0	82°1	85°2	87°8	92°0	92°7	88°8	81°8	80°4	81°8	81°8	82°02
68°0	74°6	78°7	84°3	85°2	90°1	88°3	86°7	83°8	82°9	82°7	83°2	79°28
—	—	—	—	—	—	—	—	—	—	—	—	82°50
70°3	77°0	84°2	90°4	94°5	95°0	93°0	90°1	86°2	84°0	84°0	83°4	82°17
74°3	78°8	82°8	87°1	91°0	91°7	89°7	87°2	85°3	83°4	82°3	81°2	81°11
65°3	67°8	80°3	89°8	92°0	92°1	93°3	87°5	89°1	85°1	84°7	83°0	80°42
68°0	74°8	78°0	86°7	93°7	95°3	90°1	88°2	88°0	85°5	85°1	81°4	80°59
71°9	74°8	82°5	88°0	91°7	93°1	92°8	90°7	87°8	84°9	83°5	81°8	80°13
67°2	72°2	72°1	82°8	90°8	91°5	92°0	90°2	86°9	84°8	84°0	81°0	80°34
—	—	—	—	—	—	—	—	—	—	—	—	83°7
69°4	72°8	76°4	82°6	89°2	93°5	93°0	90°8	88°2	85°3	84°0	83°7	81°06
68°1	71°0	76°7	83°5	89°2	93°4	92°0	89°0	86°0	83°8	83°2	81°7	81°60
70°0	74°8	77°3	83°8	90°0	92°2	90°8	87°7	87°1	84°2	82°8	83°0	81°79
73°5	77°0	80°0	84°8	91°3	92°8	92°0	89°0	84°7	82°9	82°7	83°0	81°05
71°3	77°1	80°3	86°0	87°0	87°3	87°3	87°2	85°3	84°7	83°3	78°3	81°63
75°8	79°8	72°7	87°3	87°7	88°0	86°3	84°0	82°1	81°8	88°5	—	82°17
—	—	—	—	—	—	—	—	—	—	—	—	65°0
80°2	79°0	81°0	88°0	100°0	103°5	97°0	107°3	100°5	87°5	76°5	65°0	77°65
84°0	83°2	84°7	86°0	87°5	86°0	86°5	84°9	84°3	84°3	83°2	84°3	79°84
69°3	71°7	76°8	80°0	85°4	86°2	87°0	86°7	85°4	82°8	80°7	78°0	80°53
68°0	76°8	78°7	83°9	88°2	88°8	90°0	89°2	88°0	86°0	84°7	75°4	81°23
69°2	68°8	73°9	78°8	84°1	90°8	93°2	89°8	88°2	85°0	82°2	79°2	—
—	—	—	—	—	—	—	—	—	—	—	—	81°89
69°8	71°3	77°3	83°1	87°7	92°7	94°2	94°0	90°8	86°0	83°2	81°0	81°33
70°8	71°8	74°3	81°8	88°6	91°2	91°6	90°7	87°8	85°0	83°0	83°2	82°74
71°8	72°8	76°2	83°6	89°7	93°3	92°0	91°0	88°0	84°8	83°2	83°8	79°96
68°2	73°0	76°2	83°0	86°2	83°8	83°3	84°3	83°2	81°3	81°8	82°1	81°14
71°4	74°3	75°9	82°4	87°5	89°2	90°5	89°8	86°3	83°3	82°8	80°6	80°76
69°8	74°9	78°8	83°4	89°0	90°0	87°5	84°8	83°3	82°7	82°6	83°0	—
71°26	74°96	78°43	84°70	89°38	91°25	90°53	88°92	86°43	84°03	83°03	80°98	80°94

HORIZONTAL FORCE.													
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.													
Mean Göttingen Time.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
JANUARY.	1	44·0	43·9	44·0	42·9	43·1	43·2	43·2	43·1	44·1	44·2	42·5	40·8
	2	43·0	41·1	43·0	—	—	—	—	—	—	—	—	—
	3	—	—	—	42·6	42·2	43·1	43·2	43·9	—	43·2	42·7	42·8
	4	43·5	43·5	43·2	42·9	43·8	46·1	42·6	42·8	44·0	44·4	44·0	43·2
	5	41·2	41·2	42·8	42·3	44·0	43·1	—	45·2	44·0	44·1	43·8	42·3
	6	44·5	44·4	44·1	42·6	44·0	43·2	42·1	42·8	44·0	42·7	42·1	41·1
	7	41·2	41·4	40·9	40·1	42·2	40·1	40·2	40·1	40·5	40·4	39·5	38·7
	8	43·6	43·8	41·9	43·0	43·0	42·7	42·7	44·5	45·0	44·5	39·7	42·4
	9	45·0	44·8	44·3	—	—	—	—	—	—	—	—	—
	10	—	—	—	44·2	45·0	44·2	44·1	43·0	44·6	44·1	44·0	44·2
	11	46·8	47·5	47·0	47·7	49·8	48·2	45·0	46·2	48·0	47·4	45·5	44·5
	12	46·0	45·4	48·9	42·0	40·8	42·0	42·8	42·8	43·0	44·2	44·5	44·8
	13	47·5	40·1	40·0	43·1	41·5	41·8	41·7	42·2	42·0	41·0	41·3	41·8
	14	43·2	43·2	43·0	43·2	44·0	44·5	42·6	43·0	43·3	42·9	42·0	40·2
	15	42·8	42·7	42·9	44·9	43·0	42·7	43·0	43·6	43·7	43·7	43·8	42·0
	16	41·6	40·4	40·0	—	—	—	—	—	—	—	—	—
	17	—	—	—	40·8	41·1	41·8	41·9	42·2	42·1	42·2	41·0	41·0
	18	43·0	42·9	42·8	42·8	43·2	43·3	43·2	43·1	43·3	43·5	41·7	40·8
	19	42·8	42·7	41·8	42·6	41·2	41·1	41·2	41·4	41·8	41·8	39·3	38·3
	20	42·9	50·5	40·8	42·0	42·3	42·5	42·5	42·2	42·3	40·6	38·5	38·5
	21	43·3	42·8	42·0	45·0	38·8	41·9	39·5	39·4	39·6	36·8	36·8	36·3
	22	41·0	39·7	39·5	38·7	40·2	40·2	41·5	40·6	40·9	40·9	39·1	36·5
	23	43·0	42·3	42·2	—	—	—	—	—	—	—	—	—
	24	—	—	—	—	44·5	44·5	44·4	44·4	44·2	44·6	42·8	40·9
	25	45·7	44·8	45·0	46·4	46·7	47·2	46·8	46·5	47·8	47·5	47·2	44·7
	26	47·6	47·8	47·0	46·8	46·8	47·1	47·0	47·0	—	47·7	46·3	43·3
	27	45·3	45·5	45·5	44·0	44·1	45·4	45·5	45·1	45·4	46·3	46·3	44·2
	28	45·6	45·5	45·5	45·5	45·8	46·2	46·5	46·7	48·0	48·2	47·6	46·2
	29	45·2	47·2	45·2	42·6	42·5	43·0	48·2	44·8	45·2	47·3	45·0	45·6
	30	44·1	44·2	44·2	—	—	—	—	—	—	—	—	—
	31	—	—	—	41·7	42·5	43·2	42·8	41·7	36·1	45·8	45·0	36·0
Hourly Means	43·98	43·82	43·37	43·22	43·31	43·55	43·37	43·39	43·45	43·85	42·77	41·54	

TEMPERATURE OF THE BIFILAR MAGNET.													
JANUARY.	1	66·3	66·3	66·3	66·3	66·0	66·0	66·0	66·0	66·2	66·1	66·1	66·0
	2	64·5	64·0	63·8	—	—	—	—	—	—	—	—	—
	3	—	—	—	63·8	63·7	63·7	63·7	63·6	—	63·0	63·2	63·2
	4	65·5	65·3	65·3	65·2	64·9	64·8	64·4	64·2	64·1	64·0	64·0	64·0
	5	65·3	65·2	65·0	64·8	64·8	64·5	—	63·0	63·0	62·6	62·3	62·2
	6	64·2	64·3	64·2	64·1	63·8	63·6	63·5	63·5	63·2	63·0	63·0	62·9
	7	68·0	68·1	68·1	68·1	67·8	67·5	67·2	67·5	67·5	67·3	67·2	67·0
	8	66·8	66·3	65·8	65·2	64·9	64·4	64·0	63·8	63·4	63·1	62·7	62·4
	9	64·3	64·5	64·5	—	—	—	—	—	—	—	—	—
	10	—	—	—	64·9	64·8	64·2	64·0	63·8	63·4	63·0	62·7	62·3
	11	62·0	61·8	61·7	61·5	61·0	61·0	60·4	60·2	60·0	60·0	59·8	59·8
	12	63·2	63·2	63·2	63·1	63·2	63·0	62·8	62·7	62·5	62·2	62·2	62·1
	13	67·6	67·5	67·3	67·2	67·0	66·8	66·4	66·2	66·0	65·5	65·1	64·9
	14	64·8	64·3	64·0	64·0	64·0	63·9	63·8	63·6	63·3	63·2	63·0	63·0
	15	66·1	66·1	65·8	65·6	65·2	65·0	64·8	64·7	64·5	64·3	64·0	64·0
	16	67·6	67·8	67·7	—	—	—	—	—	—	—	—	—
	17	—	—	—	67·0	67·0	66·9	66·7	66·5	66·4	66·3	66·1	65·9
	18	66·2	66·0	65·8	65·8	65·6	65·4	65·3	65·1	65·0	65·0	64·7	64·7
	19	67·9	68·0	68·0	68·0	67·8	67·6	67·0	67·0	66·9	66·6	66·2	66·0
	20	68·0	67·8	67·2	67·0	67·2	67·0	66·8	66·5	66·2	66·0	65·6	65·4
	21	67·5	67·4	67·3	67·3	67·1	66·7	66·3	66·1	66·0	65·8	65·8	66·0
	22	68·6	68·6	68·3	68·2	67·8	67·5	67·2	67·0	67·0	66·8	66·7	66·5
	23	66·3	66·2	66·2	—	—	—	—	—	—	—	—	—
	24	—	—	—	—	64·2	64·0	63·6	63·3	63·0	62·8	62·3	62·0
	25	62·3	62·2	62·1	61·8	61·0	61·0	61·0	60·2	60·3	60·0	59·8	59·5
	26	60·8	60·8	61·0	60·8	60·9	60·9	60·9	60·8	—	61·0	61·0	61·1
	27	64·2	64·1	64·0	64·0	64·0	63·7	63·6	63·5	63·3	63·2	63·0	62·8
	28	63·0	62·9	62·8	62·6	62·4	62·2	62·0	61·8	61·6	61·3	61·3	61·2
	29	62·7	62·7	62·5	62·2	61·9	61·5	61·4	61·1	61·1	61·0	60·7	60·6
	30	62·0	62·0	61·8	—	—	—	—	—	—	—	—	—
	31	—	—	—	62·2	62·0	62·0	62·0	61·8	61·7	61·5	61·3	61·2
Hourly Means	65·22	65·13	64·99	64·83	64·62	64·42	64·20	63·98	63·98	63·64	63·45	63·33	

HORIZONTAL FORCE.

One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div. 38'2	Sc. Div. 37'0	Sc. Div. 37'2	Sc. Div. 40'6	Sc. Div. 45'6	Sc. Div. 47'2	Sc. Div. 47'3	Sc. Div. 46'6	Sc. Div. 48'3	Sc. Div. 46'9	Sc. Div. 43'8	Sc. Div. 45'1	Sc. Div. 43'45
—	—	—	—	—	—	—	—	—	—	—	—	—
42'5	41'3	41'4	42'2	44'1	45'1	42'6	44'7	44'2	44'5	43'5	43'1	43'04
41'3	39'6	39'1	40'4	44'3	43'8	47'2	44'6	43'0	43'6	44'5	41'1	43'19
41'5	42'4	42'7	40'7	41'7	45'6	46'0	45'7	46'9	46'9	45'6	—	43'58
40'6	39'9	36'6	38'2	40'2	42'9	44'8	45'0	43'5	44'2	42'2	41'8	42'40
38'0	37'0	35'9	36'7	38'2	39'0	39'8	41'6	41'5	41'5	42'9	43'0	40'02
43'1	41'5	41'0	41'7	43'0	45'2	47'3	47'5	48'6	47'0	46'3	45'3	43'93
—	—	—	—	—	—	—	—	—	—	—	—	—
38'8	38'5	40'1	42'8	42'6	44'0	44'7	44'1	45'2	46'1	45'9	46'8	43'80
45'3	45'6	42'5	41'8	41'6	41'6	43'9	49'2	48'2	47'1	45'2	45'7	45'89
42'2	39'7	39'5	41'1	42'8	42'3	45'3	40'8	44'7	43'5	42'7	41'7	43'06
38'4	38'9	40'5	42'9	46'9	47'0	46'1	42'3	41'0	42'9	42'2	43'2	42'35
40'4	40'5	37'5	39'8	42'8	45'5	46'8	44'8	44'4	44'0	43'7	42'9	42'84
39'8	38'2	39'0	41'0	43'1	44'9	45'1	44'9	43'8	44'2	43'3	44'1	42'92
—	—	—	—	—	—	—	—	—	—	—	—	—
40'8	41'8	42'8	42'0	42'5	43'0	43'3	43'1	42'9	43'8	42'5	43'2	41'99
41'1	41'8	42'0	43'8	46'4	46'5	45'5	45'4	45'3	45'1	44'1	43'8	43'52
38'5	37'8	38'8	44'0	47'3	48'2	47'3	49'8	48'8	43'4	42'6	45'0	42'81
37'2	34'6	34'5	37'8	39'3	42'6	44'1	44'4	47'7	42'9	43'5	44'0	41'59
34'5	34'2	34'2	35'2	38'2	37'0	38'8	40'8	40'6	41'2	41'2	40'0	39'09
35'6	34'7	34'7	36'2	37'5	39'7	41'2	43'0	43'2	42'0	43'2	43'8	39'73
—	—	—	—	—	—	—	—	—	—	—	—	—
38'2	36'8	36'1	37'8	39'5	42'8	45'8	47'9	47'7	46'6	45'6	45'7	42'97
40'6	38'1	37'6	40'9	44'8	47'5	49'0	49'7	48'5	48'2	47'9	47'7	45'70
40'7	38'5	38'2	40'0	42'8	44'3	44'0	44'0	43'9	46'0	45'2	45'2	44'66
39'9	36'8	35'2	36'8	42'9	48'2	51'0	51'5	48'4	46'7	45'8	45'3	44'63
43'4	41'3	39'4	43'3	43'2	47'2	48'0	51'6	47'7	46'3	40'0	45'5	45'59
46'7	40'0	37'3	41'5	39'8	42'2	46'1	45'6	44'9	43'9	44'7	44'9	44'14
—	—	—	—	—	—	—	—	—	—	—	—	—
35'4	28'3	30'2	27'2	29'3	33'5	39'7	44'6	42'8	41'8	40'2	41'2	39'23
40'10	38'61	38'23	39'86	41'94	43'72	45'03	45'51	45'18	44'63	43'78	43'96	42'92

TEMPERATURE OF THE BIFILAR MAGNET.

66'3	66'4	66'5	66'3	66'0	66'0	65'8	65'5	65'3	65'0	65'0	64'8	65'94
—	—	—	—	—	—	—	—	—	—	—	—	—
63'3	63'3	63'8	64'0	64'3	64'6	64'7	65'0	65'1	65'3	65'4	65'5	64'11
64'2	64'3	64'4	64'7	64'8	65'0	65'3	65'2	65'4	65'5	65'4	65'5	64'81
61'8	61'8	61'8	61'8	61'9	62'1	62'4	62'7	63'0	63'3	63'7	—	63'13
62'8	62'8	63'0	63'5	64'0	64'8	65'5	66'0	66'5	67'0	67'2	67'8	64'34
67'2	67'2	67'2	67'3	67'4	67'5	67'5	67'7	67'6	67'5	67'4	67'2	67'50
62'0	62'0	62'0	62'0	62'0	62'6	62'7	62'9	63'1	63'6	63'8	64'2	63'57
—	—	—	—	—	—	—	—	—	—	—	—	—
62'2	62'0	62'0	62'2	62'2	62'2	62'1	62'1	62'1	62'2	62'0	62'0	62'99
59'8	59'9	59'8	60'0	60'5	60'5	61'2	61'8	62'5	62'5	63'0	63'1	60'99
62'2	62'7	63'0	63'8	64'6	65'3	66'0	66'6	67'0	67'2	67'5	67'7	64'04
65'0	65'0	64'7	64'7	64'8	65'0	65'0	65'0	65'3	65'2	65'0	65'0	65'72
62'8	62'8	63'0	63'0	63'7	63'8	64'5	65'0	65'3	65'8	66'0	66'1	64'03
64'0	64'0	64'2	64'6	64'8	65'2	65'5	65'9	66'4	66'7	67'2	67'4	65'25
—	—	—	—	—	—	—	—	—	—	—	—	—
65'8	65'8	65'8	66'0	66'6	66'7	66'8	66'9	66'9	66'9	66'5	66'5	66'63
64'5	64'5	64'6	64'8	65'2	65'6	66'1	66'5	67'0	67'3	67'5	67'7	65'66
66'0	66'0	66'0	66'1	66'0	66'0	66'3	67'0	67'3	67'7	67'8	68'0	66'97
65'3	65'1	65'3	65'6	66'0	66'5	66'9	67'1	67'3	67'2	67'2	67'3	66'56
65'9	66'0	66'0	66'5	66'8	67'5	67'8	68'4	68'6	68'6	68'7	68'7	67'03
66'3	66'2	66'0	65'7	65'4	65'8	65'6	66'0	66'0	66'0	66'0	66'1	66'72
—	—	—	—	—	—	—	—	—	—	—	—	—
62'0	61'8	61'8	62'0	62'1	62'2	62'2	62'2	62'3	62'4	62'4	62'3	63'02
59'4	59'3	59'3	59'6	59'7	59'9	60'0	60'2	60'3	60'4	60'6	60'8	60'45
61'0	61'8	62'0	62'7	63'0	63'2	63'3	63'6	63'8	64'0	64'2	64'2	62'03
62'7	62'7	62'7	62'7	62'7	62'9	63'1	63'1	63'2	63'2	63'2	63'1	63'28
61'2	61'2	61'1	61'1	61'3	61'2	61'5	61'8	62'0	62'3	62'5	62'5	61'87
60'5	60'5	60'5	60'7	61'1	61'1	61'2	61'7	61'8	62'0	62'2	62'0	61'45
—	—	—	—	—	—	—	—	—	—	—	—	—
61'2	61'1	61'0	61'0	60'8	60'9	60'9	61'0	61'0	61'0	61'0	60'8	61'38
63'28	63'32	63'37	63'55	63'76	64'00	64'23	64'50	64'70	64'84	64'94	65'05	64'21

HORIZONTAL FORCE.												
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah ^t . = '000230.												
Mean Göttingen Time. } FEBRUARY.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.
	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
1	42·7	43·7	43·7	43·7	42·6	41·9	41·7	41·8	—	44·2	44·7	44·1
2	42·5	41·2	41·3	41·0	41·1	41·7	42·1	42·9	43·0	43·3	43·0	41·2
3	41·7	42·8	44·4	42·2	42·2	42·2	42·8	43·3	43·8	43·7	43·6	42·8
4	43·5	44·2	43·8	43·3	45·8	45·0	44·2	45·0	45·5	46·2	45·9	44·6
5	46·5	46·3	46·2	46·2	46·1	46·6	46·7	47·4	47·5	47·0	48·2	47·0
6	42·2	38·1	45·1	—	—	—	—	—	—	—	—	—
7	—	—	—	44·2	47·5	42·7	41·7	41·8	42·4	43·4	42·8	35·5
8	42·1	42·0	45·2	43·4	—	45·4	42·5	42·3	41·0	41·6	41·8	40·4
9	41·0	41·7	43·0	48·3	44·0	43·5	42·6	41·8	42·1	43·3	43·3	45·0
10	43·5	43·8	44·7	44·3	43·7	44·1	44·9	45·9	—	45·0	45·9	45·2
11	44·6	44·0	43·8	47·0	45·1	43·8	43·9	44·7	45·3	45·5	45·2	42·5
12	44·7	43·7	43·6	43·2	45·8	45·0	44·2	—	44·2	44·2	43·8	42·2
13	41·2	41·1	40·8	—	—	—	—	—	—	—	—	—
14	—	—	—	44·5	47·7	46·5	46·3	45·0	46·0	46·4	45·4	43·0
15	46·8	46·2	46·8	45·0	45·8	46·1	46·4	46·4	46·4	45·8	45·4	43·0
16	44·8	45·0	52·4	44·6	45·6	46·4	45·3	45·3	45·3	45·5	45·2	41·9
17	45·5	45·7	46·3	45·0	45·8	46·0	46·2	44·0	44·8	45·3	45·9	44·3
18	43·8	41·8	41·5	41·3	—	44·1	45·2	44·2	—	44·9	45·3	44·2
19	43·5	43·7	45·0	45·6	45·7	45·3	45·9	45·9	46·8	46·8	47·8	45·5
20	45·7	45·9	46·7	—	—	—	—	—	—	—	—	—
21	—	—	—	40·8	40·0	39·8	39·7	39·8	40·0	40·8	40·3	39·8
22	38·2	36·0	30·7	31·0	33·0	36·8	38·5	40·0	39·4	41·0	39·3	34·2
23	36·8	36·0	35·0	37·0	36·1	36·2	37·8	37·2	37·9	38·7	38·6	38·0
24	45·5	38·6	39·4	34·2	33·0	37·6	37·3	36·5	39·0	39·8	37·1	34·7
25	40·0	40·1	39·7	40·0	42·8	39·1	39·2	37·6	38·8	39·5	41·2	38·9
26	40·7	41·5	41·5	41·3	41·4	41·2	39·7	38·9	—	45·8	40·3	35·1
27	40·3	39·1	38·2	—	—	—	—	—	—	—	—	—
Hourly Means	42·82	42·17	42·87	42·55	42·92	42·95	42·88	42·69	43·18	43·93	43·56	41·56
TEMPERATURE OF THE BIFILAR MAGNET.												
	°	°	°	°	°	°	°	°	°	°	°	°
1	60·8	60·7	60·8	60·6	60·4	60·2	60·0	59·9	—	59·6	59·5	59·5
2	62·8	62·8	62·8	62·7	62·5	62·4	62·3	62·2	62·0	62·0	61·8	61·8
3	64·2	64·2	64·0	63·8	63·6	63·5	63·2	63·2	63·0	62·8	62·7	62·7
4	62·8	62·8	62·6	62·4	62·0	62·0	61·8	61·8	61·6	61·5	61·4	61·3
5	61·3	61·1	61·1	61·0	60·9	60·8	60·6	60·4	60·3	60·2	60·0	60·2
6	61·3	61·3	61·4	—	—	—	—	—	—	—	—	—
7	—	—	—	62·8	62·8	62·8	62·6	62·6	62·4	62·3	62·3	62·2
8	65·7	65·8	65·7	65·6	—	65·1	65·2	64·8	64·5	64·3	64·0	63·8
9	65·2	65·1	64·9	64·8	64·6	64·5	64·2	64·2	64·0	63·8	63·5	63·2
10	64·0	64·0	63·8	63·6	63·2	63·0	62·7	62·2	—	61·6	61·3	61·1
11	62·1	62·2	62·1	62·0	62·1	61·9	61·8	61·7	61·6	61·5	61·2	61·2
12	64·0	63·9	63·7	63·6	63·4	63·2	63·2	—	62·7	62·5	62·3	62·2
13	67·0	66·8	66·7	—	—	—	—	—	—	—	—	—
14	—	—	—	63·2	62·8	62·6	62·5	62·2	61·8	61·6	61·4	61·4
15	63·0	63·0	63·0	63·0	63·0	62·8	62·8	62·6	62·5	62·3	62·2	62·2
16	62·7	62·6	62·2	62·0	61·8	61·7	61·4	61·2	61·2	61·0	60·8	60·8
17	62·8	62·8	62·7	62·6	62·5	62·5	62·2	62·2	62·0	62·0	61·8	61·6
18	65·2	65·0	65·0	64·8	—	64·2	63·8	63·6	—	63·0	62·9	62·8
19	62·4	62·4	62·2	62·2	62·0	61·9	61·8	61·7	61·5	61·3	61·2	61·2
20	63·2	63·3	63·4	—	—	—	—	—	—	—	—	—
21	—	—	—	71·8	71·8	71·8	71·8	71·6	71·2	71·0	70·5	70·2
22	68·2	67·8	67·6	67·2	66·9	66·5	66·1	65·9	65·8	65·4	65·0	65·0
23	68·8	68·6	68·3	68·2	68·2	68·0	67·8	67·5	67·4	67·2	66·8	66·8
24	67·9	67·9	67·7	67·7	67·7	67·4	67·2	67·0	66·8	66·5	66·2	66·0
25	66·0	66·0	65·8	65·6	65·5	65·3	65·0	64·9	64·9	64·8	64·7	64·6
26	65·5	65·5	65·5	65·5	65·4	65·6	65·6	65·6	—	65·8	65·8	65·9
27	69·6	69·5	69·4	—	—	—	—	—	—	—	—	—
28	—	—	—	62·8	62·5	62·2	61·8	61·8	61·5	61·2	60·9	60·7
Hourly Means	64·44	64·38	64·27	64·15	63·90	63·83	63·64	63·51	63·43	63·13	62·92	62·55

HORIZONTAL FORCE.

One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
41'0	37'8	37'8	38'2	40'7	42'5	43'2	43'5	44'2	43'1	43'9	42'6	42'32
39'0	37'0	35'0	35'2	38'9	42'5	45'0	44'8	45'2	44'0	43'7	43'2	41'57
40'8	38'8	37'1	38'2	40'8	42'1	43'6	45'7	45'8	45'3	43'8	42'5	42'50
42'5	40'3	39'8	41'2	45'2	42'0	44'0	46'2	47'2	47'2	46'8	46'5	44'41
43'8	42'4	41'4	40'8	42'3	46'1	45'5	47'4	52'4	51'1	43'6	41'4	45'83
—	—	—	—	—	—	—	—	—	—	—	—	—
41'2	41'2	37'3	34'5	36'7	41'3	42'7	42'0	43'7	43'1	42'7	42'6	41'52
39'3	39'0	35'1	35'0	39'8	38'0	40'5	41'6	41'6	40'2	43'1	40'0	40'91
37'5	36'5	34'5	35'9	38'3	41'0	45'2	44'4	44'5	43'7	43'0	43'7	41'99
44'0	40'7	39'3	39'5	41'7	44'0	41'8	43'9	45'5	45'8	45'6	44'3	43'79
40'4	38'2	39'3	40'9	43'4	46'0	47'0	47'3	46'2	44'0	43'8	43'8	43'99
39'8	41'6	37'0	37'5	39'8	42'9	45'2	44'3	42'9	42'2	41'6	41'9	42'67
—	—	—	—	—	—	—	—	—	—	—	—	—
39'8	39'1	39'4	40'7	42'8	44'8	47'6	49'8	50'0	48'2	49'0	47'7	44'70
39'3	36'7	36'7	36'2	41'4	43'5	43'4	47'7	45'4	46'0	40'8	43'5	43'78
37'5	34'3	36'5	39'3	43'0	44'5	46'9	48'2	48'3	46'2	46'0	46'1	44'34
39'0	36'3	39'0	34'3	36'8	39'8	42'8	45'0	44'8	45'0	45'6	44'8	43'25
41'5	39'2	37'0	39'0	40'8	43'5	44'2	46'5	45'8	45'2	46'2	45'3	43'20
42'8	40'2	38'1	38'1	41'2	44'8	47'1	47'9	47'5	45'5	46'1	46'0	44'70
—	—	—	—	—	—	—	—	—	—	—	—	—
36'8	35'1	34'5	36'5	37'0	39'9	41'8	42'5	40'8	41'3	38'9	36'6	40'04
33'3	30'0	30'4	30'5	29'8	32'0	30'0	36'5	37'0	36'0	38'1	38'3	35'00
37'0	35'0	38'0	34'0	36'9	38'0	38'6	39'2	41'9	39'5	41'5	39'7	37'69
29'3	27'3	33'6	31'7	27'3	36'1	38'3	42'5	42'2	35'0	40'3	38'0	36'43
31'6	28'6	27'4	31'5	31'5	33'0	38'5	37'0	38'0	40'5	41'7	40'0	37'34
33'4	32'6	30'8	31'0	32'8	34'7	36'5	37'7	37'5	38'0	38'2	38'8	37'80
—	—	—	—	—	—	—	—	—	—	—	—	—
41'7	38'4	37'1	38'0	39'3	42'3	44'0	44'9	44'8	45'7	50'7	—	42'83
38'85	36'93	36'34	36'57	38'67	41'05	42'64	44'02	44'30	43'41	43'53	42'49	41'77

TEMPERATURE OF THE BIFILAR MAGNET.

59'5	59'4	59'7	60'0	60'3	60'7	61'1	61'5	62'0	62'2	62'5	62'7	60'59
61'5	61'8	62'0	62'3	62'9	63'3	63'6	64'0	64'2	64'3	64'3	64'2	62'77
62'6	62'5	62'4	62'4	62'5	62'6	62'7	62'8	62'8	62'8	62'8	62'8	63'02
61'2	61'2	61'2	61'4	61'3	61'4	61'3	61'3	61'3	61'4	61'4	61'4	61'66
60'0	59'9	59'9	59'9	60'0	60'1	60'3	60'6	60'7	60'9	61'1	61'2	60'52
—	—	—	—	—	—	—	—	—	—	—	—	—
62'2	62'0	62'7	62'8	63'0	63'5	64'0	64'3	64'9	65'1	65'5	65'8	63'02
63'7	63'8	63'8	64'0	64'4	64'7	65'0	65'2	65'3	65'4	65'3	65'3	64'80
63'3	63'2	63'3	63'4	63'6	63'7	63'8	64'0	64'2	64'2	64'2	64'2	64'05
60'8	60'8	60'8	61'0	61'0	61'2	61'5	61'8	62'0	62'0	62'3	62'2	62'08
61'1	61'2	61'2	61'8	62'2	62'6	63'0	63'3	63'6	63'8	64'0	64'0	62'22
62'3	62'4	62'6	63'1	63'5	64'0	64'8	65'2	65'8	66'4	66'8	66'8	63'84
—	—	—	—	—	—	—	—	—	—	—	—	—
61'2	61'2	61'2	61'3	61'7	61'8	62'0	62'2	62'5	62'7	63'0	63'2	62'67
62'2	62'2	62'2	62'6	62'7	62'8	62'8	62'8	62'8	63'0	63'0	62'8	62'68
61'0	61'0	61'2	61'4	61'6	61'8	62'1	62'2	62'5	62'8	63'0	62'9	61'79
61'6	61'8	62'0	62'3	62'8	63'3	63'8	64'2	64'6	64'8	65'0	65'0	62'87
62'7	62'2	62'2	62'2	62'0	62'0	62'0	62'2	62'2	62'2	62'4	62'4	63'05
61'0	61'0	60'8	60'8	61'1	61'3	61'8	62'0	62'3	62'7	63'0	63'1	61'78
—	—	—	—	—	—	—	—	—	—	—	—	—
70'0	69'8	69'5	69'6	69'5	69'4	69'4	69'4	69'0	69'0	68'8	68'4	69'31
65'0	64'8	65'0	65'2	65'4	66'0	66'5	67'0	67'4	67'6	68'3	68'8	66'43
66'6	66'7	66'8	66'8	67'2	67'4	67'7	68'0	68'2	68'2	68'2	68'2	67'65
65'9	65'7	65'6	65'6	65'6	65'6	65'6	65'8	66'0	66'0	66'0	66'0	66'47
64'4	64'2	64'4	64'4	64'5	64'8	64'8	65'0	65'2	65'3	65'3	65'7	65'05
66'0	66'2	66'2	66'3	66'7	67'3	68'0	68'5	69'0	69'7	69'7	69'7	66'74
—	—	—	—	—	—	—	—	—	—	—	—	—
60'4	60'3	60'2	60'2	60'0	60'0	60'2	60'2	60'3	60'3	60'3	—	62'01
62'76	62'72	62'79	62'95	63'15	63'39	63'66	63'90	64'12	64'37	64'42	64'64	63'62

HORIZONTAL FORCE.													
One Scale Division = '000217 parts of the H.F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.													
Mean Gittin- gen Time.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
MARCH.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
	1	51.4	48.8	49.8	51.0	45.8	48.5	40.3	52.4	51.8	40.7	37.4	37.5
	2	43.1	43.5	44.7	44.0	—	45.5	45.2	45.8	45.5	46.2	45.4	44.1
	3	47.2	46.6	46.4	46.3	46.3	46.5	46.5	46.8	47.2	46.8	46.1	45.0
	4	45.0	45.0	45.2	45.0	45.0	49.2	47.8	44.5	45.8	46.6	43.9	42.4
	5	43.4	42.7	42.8	42.8	42.8	42.8	42.8	42.5	43.0	44.0	44.1	42.4
	6	46.4	46.8	45.8	—	—	—	—	—	—	—	—	—
	7	—	—	—	45.5	46.8	49.6	45.8	44.3	45.8	47.4	45.3	44.7
	8	43.7	42.2	44.2	43.8	43.6	43.8	44.7	42.3	43.5	44.2	43.7	42.3
	9	38.4	47.0	45.2	43.8	43.3	42.8	41.6	41.2	40.5	39.7	39.9	38.9
	10	46.2	46.5	43.2	41.5	41.6	42.1	43.6	46.1	—	43.5	42.5	40.7
	11	39.1	39.7	39.6	39.8	40.3	40.5	40.9	41.7	41.8	42.2	41.6	40.6
	12	45.1	45.6	46.6	47.5	46.5	46.8	47.0	47.5	46.7	46.0	46.7	44.8
	13	44.8	46.3	47.6	—	—	—	—	—	—	—	—	—
	14	—	—	—	44.8	45.0	45.5	47.9	48.3	47.0	47.5	46.2	45.8
	15	46.9	44.4	44.8	43.8	44.5	45.2	45.8	44.0	43.4	43.5	42.1	41.2
	16	41.0	40.5	40.5	40.5	41.0	40.5	40.7	40.3	40.0	39.9	38.8	37.9
	17	44.6	44.8	44.6	44.8	45.2	46.0	47.0	47.4	48.3	48.8	47.2	44.7
	18	47.2	46.7	45.8	46.9	46.8	47.0	47.0	46.8	47.2	48.0	48.3	48.1
	19	38.8	34.5	30.7	25.6	22.5	29.2	32.0	30.2	39.5	37.8	33.2	29.5
	20	33.0	35.2	36.2	—	—	—	—	—	—	—	—	—
	21	—	—	—	35.5	35.7	36.0	36.0	36.2	36.8	35.5	35.5	36.0
	22	40.2	41.7	41.8	41.5	—	41.3	41.7	42.0	42.1	42.1	42.5	41.6
	23	40.9	43.2	43.4	44.6	44.1	44.4	44.5	45.8	46.1	46.3	46.2	45.2
	24	43.1	42.1	42.0	41.8	42.0	42.8	43.8	44.3	42.5	41.6	43.6	41.3
	25	46.5	47.5	45.3	44.9	44.8	44.3	44.5	44.4	44.5	44.8	44.2	42.7
	26	41.4	44.0	43.4	43.8	—	44.4	44.7	45.3	44.0	44.3	44.8	44.2
	27	45.0	44.7	45.4	—	—	—	—	—	—	—	—	—
	28	—	—	—	46.2	46.2	46.3	46.7	47.3	46.9	46.4	46.5	46.0
	29	44.9	44.9	44.8	44.6	—	44.8	45.5	45.9	45.8	46.0	45.8	44.0
	30	42.6	45.7	45.3	45.8	47.0	48.0	47.5	47.1	48.0	47.9	47.8	46.5
31	48.2	47.7	47.8	47.8	48.1	48.1	49.2	49.0	48.8	48.7	49.3	49.0	
Hourly Means	43.63	44.01	43.81	43.48	43.26	44.14	44.10	44.42	44.71	44.31	43.65	42.49	

TEMPERATURE OF THE BIFILAR MAGNET.												
MARCH.	1	60.4	60.3	60.3	60.3	60.0	59.9	59.8	59.9	59.8	59.8	59.7
	2	59.3	59.1	59.0	58.7	—	58.4	58.0	57.8	57.8	57.6	57.3
	3	58.6	58.8	58.6	58.6	58.7	58.5	58.4	58.4	58.4	58.3	58.2
	4	62.0	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.2	62.2	62.0
	5	63.2	63.3	63.5	63.5	63.4	63.4	63.4	63.4	63.3	63.3	63.2
	6	62.3	62.2	62.2	—	—	—	—	—	—	—	—
	7	—	—	—	60.7	60.6	60.6	60.5	60.5	60.4	60.2	60.0
	8	62.7	62.7	62.6	62.5	62.4	62.2	62.2	62.0	62.0	61.8	61.8
	9	64.6	64.6	64.4	64.4	64.4	64.2	64.0	64.0	64.2	64.1	63.8
	10	64.7	64.7	64.5	64.2	64.1	64.1	64.0	63.9	—	63.5	63.4
	11	67.2	67.2	67.2	67.0	66.6	66.4	66.2	66.0	65.8	65.6	65.2
	12	62.4	62.2	62.0	61.5	61.2	60.8	60.5	60.3	60.2	59.8	59.5
	13	59.7	59.7	59.7	—	—	—	—	—	—	—	—
	14	—	—	—	60.0	59.8	59.8	59.8	59.8	59.8	59.6	59.7
	15	64.0	64.0	64.2	64.2	64.3	64.3	64.3	64.5	64.5	64.5	64.4
	16	69.3	69.5	69.7	69.7	69.5	69.6	69.6	69.5	69.4	69.2	69.0
	17	65.2	65.0	64.6	64.2	63.8	63.2	62.8	62.4	62.2	62.0	61.5
	18	60.6	60.6	60.6	60.6	60.7	60.5	60.5	60.5	60.6	60.6	60.5
	19	62.2	62.2	62.3	62.4	62.8	62.8	63.0	63.0	63.0	62.8	62.8
	20	64.8	64.7	64.5	—	—	—	—	—	—	—	—
	21	—	—	—	65.0	65.0	64.8	64.8	64.7	64.4	64.3	64.3
	22	64.2	64.2	64.0	63.7	—	63.2	63.0	62.6	62.2	62.0	61.6
	23	60.9	60.7	60.4	60.3	60.0	59.8	59.6	59.4	59.2	59.0	58.8
	24	59.3	59.5	59.5	59.4	59.5	59.2	59.2	59.3	59.4	59.4	59.3
	25	59.7	59.7	59.4	59.4	59.4	59.2	59.0	59.0	59.0	59.0	58.8
	26	59.5	59.4	59.4	59.5	—	59.4	59.4	59.4	59.4	59.4	59.4
	27	60.0	60.0	60.0	—	—	—	—	—	—	—	—
	28	—	—	—	60.2	60.2	60.2	60.2	60.1	60.0	59.8	59.8
	29	63.0	62.8	62.8	62.7	—	62.4	62.2	62.2	62.2	62.0	61.8
	30	60.2	60.0	60.0	59.8	59.7	59.5	59.2	59.0	58.8	58.6	58.5
	31	59.0	59.0	59.0	58.8	58.6	58.3	58.2	58.0	57.8	57.4	57.2
Hourly Means	62.18	62.15	62.10	61.98	62.04	61.74	61.63	61.55	61.38	61.33	61.17	61.08

HORIZONTAL FORCE.												
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah° = '000230.												
12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .	21 ^h .	22 ^h .	23 ^h .	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
32·5	30·2	29·6	33·2	36·4	37·6	40·9	42·1	42·7	42·0	42·1	42·2	41·95
42·3	40·1	39·4	40·2	42·0	43·7	46·2	47·3	47·2	46·7	47·2	46·7	44·43
43·0	40·0	39·0	40·1	41·8	43·9	45·0	46·8	46·8	46·2	45·9	46·0	45·09
37·1	35·5	34·3	35·3	36·2	37·8	38·5	41·2	41·3	41·8	42·3	43·5	42·09
40·8	38·3	36·5	37·6	40·2	40·7	41·4	42·6	44·0	45·3	46·2	45·9	42·32
—	—	—	—	—	—	—	—	—	—	—	—	—
43·1	42·3	41·1	39·1	39·3	41·3	41·0	42·5	40·6	40·3	41·7	41·7	43·67
36·7	35·1	34·2	35·8	37·6	39·3	34·5	39·1	40·7	40·8	41·3	41·2	40·89
37·4	36·7	35·6	37·0	40·2	40·8	41·5	42·5	41·7	42·3	41·5	43·2	40·95
37·5	36·8	35·8	35·8	37·1	40·3	41·6	41·1	39·0	39·6	40·7	40·4	41·01
38·3	38·6	39·4	40·1	41·9	43·2	45·1	45·0	45·0	45·1	45·8	45·1	41·68
44·3	45·0	42·5	43·0	43·0	44·1	46·4	46·2	46·4	45·9	46·7	45·0	45·64
—	—	—	—	—	—	—	—	—	—	—	—	—
43·5	40·9	42·4	41·5	44·5	45·5	46·2	45·6	46·5	46·3	45·6	47·2	45·52
39·4	37·0	37·3	38·8	40·7	42·2	42·2	42·0	41·5	40·8	41·7	41·3	42·47
37·2	34·8	36·0	36·8	40·9	42·3	42·5	41·8	42·0	43·2	46·9	44·8	40·25
42·5	40·4	41·3	43·8	47·2	48·9	49·4	49·2	48·3	45·4	46·7	47·6	46·00
43·9	41·8	40·9	39·3	42·5	44·8	45·3	44·7	43·5	40·8	40·8	40·3	44·77
21·5	28·0	27·9	20·8	25·5	39·8	34·7	36·0	31·7	31·2	34·0	35·8	31·27
—	—	—	—	—	—	—	—	—	—	—	—	—
33·4	32·0	31·8	31·0	32·0	31·5	33·3	35·9	38·0	39·2	39·8	40·3	35·24
40·3	39·5	39·7	39·4	39·2	40·0	40·4	41·2	40·4	41·1	41·4	37·3	40·80
40·3	38·3	33·8	36·0	39·8	37·1	37·3	40·2	39·5	38·4	42·2	44·0	41·73
40·9	38·7	37·4	37·9	38·3	39·2	39·5	41·7	42·3	44·4	44·1	44·7	41·67
42·2	40·0	38·0	37·2	39·2	41·0	42·9	43·8	42·8	42·0	42·1	41·5	42·96
42·7	41·4	41·0	41·0	41·6	43·2	43·6	43·3	44·7	44·6	44·2	44·7	43·49
—	—	—	—	—	—	—	—	—	—	—	—	—
44·8	43·2	41·2	41·0	41·0	42·4	43·8	44·7	44·9	45·0	44·9	44·6	44·80
42·2	40·6	40·1	40·6	40·0	42·6	44·7	45·7	45·8	45·2	44·2	38·3	43·78
44·7	43·7	42·1	42·3	44·2	45·2	47·5	47·3	47·8	46·1	47·2	47·2	46·02
48·4	46·5	44·6	44·3	43·2	45·9	47·5	48·5	48·5	48·4	48·6	48·3	47·68
—	—	—	—	—	—	—	—	—	—	—	—	—
40·03	38·72	37·88	38·11	39·83	41·64	42·33	43·26	43·09	42·89	43·66	43·29	42·52

TEMPERATURE OF THE BIFILAR MAGNET.												
59·7	59·8	59·5	59·5	59·5	59·5	59·5	59·6	59·6	59·6	59·5	59·3	59·77
57·2	57·1	57·2	57·3	57·4	57·8	58·0	58·2	58·4	58·5	58·6	58·6	58·02
58·0	58·0	58·2	58·6	59·0	59·3	60·0	60·6	61·0	61·2	61·6	61·9	59·13
61·9	61·8	61·8	61·8	62·0	62·0	62·2	62·5	62·7	63·0	63·1	63·2	62·26
63·1	63·0	63·0	62·8	62·7	62·7	62·6	62·5	62·4	62·4	62·2	62·2	62·99
—	—	—	—	—	—	—	—	—	—	—	—	—
60·0	60·0	60·2	60·3	60·8	61·2	61·5	61·8	62·2	62·4	62·5	62·3	61·06
61·9	62·0	62·1	62·3	62·6	63·0	63·4	63·8	64·0	64·4	64·6	64·6	62·72
63·4	63·4	63·4	63·5	63·8	64·0	64·3	64·7	64·7	64·7	64·7	64·7	64·15
63·3	63·5	63·8	64·3	65·0	65·4	65·7	66·1	66·3	66·6	66·8	67·0	64·70
64·6	64·4	64·3	64·2	64·0	64·0	63·8	63·6	63·6	63·2	63·0	62·8	65·03
59·0	58·8	58·8	58·8	59·2	59·0	58·8	59·0	59·2	59·4	59·7	59·6	59·96
—	—	—	—	—	—	—	—	—	—	—	—	—
60·0	60·2	60·6	61·0	61·4	61·8	62·2	62·6	63·0	63·2	63·6	63·8	60·86
64·4	64·6	65·0	65·6	66·2	66·8	67·3	67·8	68·2	68·7	69·0	69·2	65·60
68·7	68·2	67·7	67·3	67·2	67·0	66·8	66·5	66·3	66·0	65·8	65·4	68·15
60·7	60·6	60·6	60·6	60·4	60·5	60·6	60·6	60·7	60·7	60·7	60·8	61·88
60·2	60·2	60·2	60·4	60·6	60·9	61·2	61·3	61·6	61·8	62·0	62·1	60·80
62·5	62·5	62·5	62·7	63·0	63·3	63·5	64·4	64·7	64·7	64·7	64·7	63·13
—	—	—	—	—	—	—	—	—	—	—	—	—
64·0	64·0	64·0	64·0	64·2	64·3	64·5	64·7	64·7	64·7	64·7	64·5	64·50
61·3	61·2	61·0	61·2	61·2	61·1	61·0	61·1	61·1	61·1	61·0	61·0	61·98
58·4	58·4	58·3	58·3	58·6	58·8	59·0	59·2	59·2	59·4	59·4	59·3	59·30
59·1	59·0	59·0	59·0	59·2	59·2	59·3	59·4	59·4	59·5	59·4	59·5	59·30
59·0	59·0	59·0	59·0	59·2	59·2	59·2	59·3	59·3	59·4	59·4	59·4	59·21
59·6	59·6	59·6	59·6	59·7	59·7	59·8	59·8	59·8	59·8	59·8	59·8	59·58
—	—	—	—	—	—	—	—	—	—	—	—	—
59·8	59·8	60·0	60·5	61·1	61·4	61·9	62·2	62·4	62·7	62·8	63·0	60·75
61·7	61·6	61·6	61·5	61·2	61·2	61·0	61·0	61·0	60·8	60·6	60·4	61·72
58·0	58·0	58·0	58·2	58·5	58·8	58·8	59·0	59·2	59·2	59·0	59·0	58·97
57·0	56·8	57·0	57·4	57·6	58·0	58·3	58·6	58·9	59·0	59·1	59·1	58·15
—	—	—	—	—	—	—	—	—	—	—	—	—
60·98	60·94	60·98	61·10	61·31	61·48	61·64	61·85	61·99	62·08	62·12	62·12	61·62

HORIZONTAL FORCE.													
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.													
Mean Göttingen Time. } 0 ^h .	1 ^h .	2 ^h .	3 ^h .	4 ^h .	5 ^h .	6 ^h .	7 ^h .	8 ^h .	9 ^h .	10 ^h .	11 ^h .		
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
APRIL.	1	47·7	47·7	50·6	a	—	—	—	—	—	—	—	
	2	—	—	—	48·8	48·8	49·5	49·5	49·8	50·6	50·1	50·6	49·0
	3	44·5	44·8	43·0	—	—	—	—	—	—	—	—	—
	4	—	—	—	46·1	46·0	45·8	45·8	47·8	45·2	46·5	44·6	42·5
	5	48·0	49·0	46·7	49·3	46·9	46·6	46·8	47·2	47·5	47·7	47·8	43·8
	6	46·1	47·6	46·2	46·7	46·1	45·0	45·9	46·1	46·3	46·4	43·5	42·2
	7	43·1	46·6	45·1	45·5	46·1	48·0	49·0	45·9	43·8	44·0	43·7	40·0
	8	30·6	32·8	32·2	32·6	33·1	34·1	34·0	34·2	35·0	35·8	34·3	33·5
	9	39·4	39·8	41·7	40·7	41·5	42·3	41·4	41·9	41·9	43·4	44·1	41·7
	10	45·8	46·2	46·6	—	—	—	—	—	—	—	—	—
	11	—	—	—	48·0	47·8	47·1	46·9	47·2	46·8	47·2	46·5	45·8
	12	46·1	46·0	45·8	45·2	45·4	46·5	47·5	48·8	48·2	47·8	46·7	43·5
	13	47·3	47·4	47·8	48·3	47·9	48·0	48·0	48·5	49·0	48·9	46·9	46·0
	14	47·2	46·3	46·5	46·8	48·3	48·0	47·4	47·2	49·4	51·0	46·6	39·1
	15	44·0	45·0	46·2	46·9	46·0	46·5	—	46·7	—	47·5	48·0	45·7
	16	43·8	45·8	45·8	45·7	46·0	46·4	47·9	47·7	47·5	47·6	46·5	45·7
	17	43·6	38·6	41·8	—	—	—	—	—	—	—	—	—
	18	—	—	—	44·5	44·7	45·2	45·2	44·8	45·2	45·0	45·4	44·8
	19	47·9	48·2	48·2	48·1	48·4	48·6	49·0	49·7	51·5	52·1	52·5	52·3
	20	53·0	34·8	28·0	20·8	35·7	35·6	41·0	50·3	45·2	46·5	42·0	40·0
	21	38·0	39·5	34·5	33·7	35·7	31·8	38·8	33·0	40·4	42·4	40·6	37·2
	22	45·0	45·1	50·0	46·8	45·5	43·1	47·3	47·1	42·9	46·7	44·9	44·6
	23	46·0	46·2	46·3	46·6	47·0	47·0	46·7	46·9	46·9	47·2	47·8	47·8
	24	47·9	47·3	47·0	—	—	—	—	—	—	—	—	—
	25	—	—	—	49·0	49·0	49·0	49·0	49·8	50·2	50·1	50·6	49·8
	26	48·7	49·6	51·0	50·4	50·4	50·4	50·5	51·1	51·5	51·7	51·2	50·7
	27	52·3	52·0	52·2	52·5	53·0	53·2	52·8	53·5	52·2	51·0	52·5	51·8
	28	51·0	51·9	48·2	48·3	49·4	50·1	50·4	50·6	51·2	51·5	52·8	53·0
	29	49·0	50·6	52·4	53·9	—	53·0	51·9	51·6	52·3	52·7	49·1	48·3
	30	40·8	40·3	45·2	42·0	—	—	—	—	—	—	47·7	44·6
Hourly Means	45·51	45·16	45·16	45·09	45·59	45·87	46·64	46·97	46·94	47·53	46·67	44·93	
TEMPERATURE OF THE BIFILAR MAGNET.													
	°	°	°	°	°	°	°	°	°	°	°	°	
APRIL.	1	59·1	59·1	59·0	a	—	—	—	—	—	—	—	
	2	—	—	—	58·0	57·8	57·8	57·8	57·7	57·4	57·4	57·3	57·2
	3	58·4	58·6	58·6	—	—	—	—	—	—	—	—	—
	4	—	—	—	57·4	57·2	57·2	57·0	57·0	56·5	56·5	56·7	56·7
	5	57·8	57·8	57·8	57·6	57·5	57·4	57·3	57·2	57·2	57·2	57·2	57·2
	6	59·1	59·2	59·4	59·6	59·6	59·8	59·9	59·9	59·8	59·8	59·8	59·8
	7	62·6	62·5	62·5	62·4	62·2	62·1	62·0	62·0	62·0	62·0	61·8	62·0
	8	65·0	65·0	65·0	65·0	64·8	64·7	64·5	64·4	64·4	64·3	64·0	63·8
	9	63·1	62·7	62·5	62·3	61·8	61·4	61·2	60·8	60·2	59·8	59·6	59·1
	10	58·2	58·0	57·8	—	—	—	—	—	—	—	—	—
	11	—	—	—	58·0	58·0	58·0	58·1	58·2	58·5	58·5	58·7	58·8
	12	62·0	62·0	62·1	62·2	62·2	62·2	62·2	62·2	62·2	62·2	62·0	62·0
	13	60·2	60·0	59·8	59·8	59·8	59·7	59·5	59·3	59·1	59·0	59·0	59·0
	14	58·2	58·2	58·0	57·8	57·7	57·7	57·5	57·4	57·4	57·2	57·0	57·0
	15	57·3	57·3	57·2	57·2	57·2	57·2	—	57·2	—	56·8	56·8	56·8
	16	58·8	58·8	58·8	58·8	58·6	58·6	58·5	58·5	58·2	58·1	58·0	58·0
	17	59·8	59·8	59·8	—	—	—	—	—	—	—	—	—
	18	—	—	—	61·7	61·8	61·7	61·7	61·7	61·6	61·6	61·5	61·4
	19	59·5	59·2	59·0	58·8	58·4	58·0	57·6	57·4	57·0	56·8	56·6	56·2
	20	56·8	56·8	56·8	56·8	56·7	56·7	56·5	56·2	56·0	55·7	55·5	55·6
	21	57·2	57·3	57·1	57·1	57·1	57·1	57·2	57·2	56·8	56·6	56·2	56·0
	22	57·1	57·0	57·0	57·0	56·8	56·8	56·8	56·7	56·7	56·8	56·4	56·0
	23	57·0	57·0	57·0	56·8	56·6	56·6	56·3	56·2	56·2	56·0	55·8	55·8
	24	57·2	57·3	57·4	—	—	—	—	—	—	—	—	—
	25	—	—	—	56·0	55·8	55·6	55·6	55·5	55·3	55·3	55·2	55·1
	26	56·0	56·0	55·8	55·6	55·3	55·2	55·0	54·9	54·7	54·5	54·2	54·3
	27	53·1	53·0	52·8	52·8	52·8	52·8	52·5	52·3	52·0	52·0	52·0	51·8
	28	52·8	52·8	52·8	52·8	52·8	52·8	52·6	52·6	52·7	52·5	52·5	52·1
	29	52·6	52·6	52·4	52·2	—	51·9	51·8	51·7	51·7	51·5	51·2	51·4
	30	53·5	53·5	53·6	53·6	—	—	—	—	—	—	53·2	53·1
Hourly Means	58·10	58·06	58·00	57·89	58·20	57·88	57·79	57·67	57·55	57·42	57·13	57·05	

* Good Friday.

HORIZONTAL FORCE.												
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.												
12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
49·3	46·6	44·7	43·3	44·4	46·1	49·6	47·5	48·7	47·8	46·0	43·0	47·90
38·8	35·8	35·5	35·9	36·8	40·2	41·8	43·5	44·7	46·5	48·2	46·6	43·20
40·7	40·0	37·0	38·2	39·7	40·0	44·1	45·0	45·7	46·7	46·8	45·2	44·85
43·4	41·3	35·6	35·5	38·6	38·3	41·0	40·4	41·6	44·0	43·3	46·3	43·22
29·5	27·3	25·4	22·8	21·7	29·2	36·3	37·4	25·4	31·2	30·6	28·8	36·93
32·3	32·6	31·4	29·0	30·7	33·0	33·0	34·3	33·8	36·6	37·5	38·6	33·54
40·5	38·3	39·0	38·7	39·6	40·6	42·2	43·7	43·8	44·2	45·2	45·8	41·72
44·3	43·2	42·3	42·1	41·4	43·3	43·8	45·3	45·2	46·2	46·1	46·2	45·47
42·3	40·9	39·0	38·3	40·0	44·3	44·4	44·6	46·6	47·7	46·5	48·0	45·00
44·7	42·4	38·0	38·0	39·8	41·8	43·2	44·0	45·3	45·5	46·8	47·2	45·45
41·0	37·8	36·2	35·8	37·8	40·0	42·1	43·3	44·2	46·1	46·2	44·4	44·11
43·2	40·5	38·2	37·7	39·8	43·3	45·8	47·0	45·2	42·3	39·2	40·8	43·89
42·7	41·2	33·0	31·5	36·0	40·8	43·8	44·8	40·9	40·0	44·3	44·0	43·31
43·3	41·4	38·9	37·3	38·0	40·5	42·9	44·8	46·5	46·9	47·4	47·4	43·50
51·4	48·1	47·0	44·7	48·2	50·6	51·8	45·7	44·8	28·0	28·0	26·0	46·28
39·0	39·7	40·4	42·4	42·9	44·6	45·5	45·5	43·4	44·1	46·3	45·7	41·35
34·0	40·0	39·4	39·8	41·1	40·7	44·8	46·5	45·8	44·6	44·3	45·0	39·68
43·5	42·4	41·0	39·0	41·3	42·2	42·2	44·6	45·5	45·0	45·6	45·8	44·46
46·6	44·9	42·0	40·8	40·0	44·8	45·3	46·8	47·8	48·1	47·6	48·2	46·05
47·8	46·2	43·5	43·3	44·2	45·6	47·5	48·6	48·4	49·0	48·4	48·4	47·90
49·0	45·9	48·0	48·4	49·0	49·8	50·2	51·2	51·3	49·3	50·8	52·1	50·09
51·2	48·3	47·7	45·8	47·3	49·5	51·2	51·5	52·5	51·8	51·5	51·7	51·21
49·2	47·2	47·6	48·1	47·5	49·0	50·8	51·0	46·8	45·6	42·0	43·2	49·02
49·1	39·9	39·0	41·6	45·0	44·8	47·5	46·6	37·2	43·3	42·0	41·8	47·03
46·1	42·0	39·8	39·8	41·3	42·1	43·6	46·2	47·8	47·4	46·8	51·1	44·14
43·31	41·35	39·58	39·11	40·48	42·00	44·57	45·19	44·35	44·31	44·29	44·52	44·38

TEMPERATURE OF THE BIFILAR MAGNET.												
°	°	°	°	°	°	°	°	°	°	°	°	°
57·2	57·2	57·5	57·0	57·2	57·3	57·6	57·8	58·0	58·2	58·3	58·2	57·80
56·6	56·5	56·4	56·4	56·6	56·6	56·8	57·0	57·1	57·4	57·6	57·6	57·10
57·2	57·2	57·2	57·4	57·5	57·6	58·0	58·2	58·4	58·7	58·8	59·0	57·68
59·8	59·8	60·0	60·4	61·0	61·3	62·2	62·5	62·6	62·7	62·7	62·6	60·55
62·0	62·2	62·1	62·2	62·2	62·4	62·8	63·0	63·3	63·8	64·2	64·6	62·54
63·6	63·4	63·2	63·2	63·2	63·3	63·3	63·4	63·5	63·5	63·4	63·3	63·97
58·7	58·6	58·5	58·4	58·2	58·2	58·2	58·2	58·3	58·2	58·3	58·2	59·77
58·8	59·0	59·1	59·4	59·8	60·0	60·3	60·8	61·1	61·2	61·3	61·7	59·22
61·8	61·8	61·7	61·6	61·4	61·2	61·0	61·0	61·0	60·6	60·6	60·7	61·66
58·8	58·8	58·8	58·6	58·8	58·7	58·7	58·7	58·6	58·5	58·3	58·3	59·08
57·0	56·8	56·8	57·0	57·0	57·1	57·1	57·2	57·2	57·3	57·2	57·3	57·34
56·7	56·8	57·0	57·2	57·4	57·8	58·0	58·2	58·4	58·5	58·7	58·8	57·48
58·0	57·8	57·8	58·0	58·2	58·7	59·0	59·5	59·8	59·8	59·8	59·8	58·66
61·4	61·3	61·3	61·3	61·3	61·2	60·8	60·7	60·4	60·2	60·0	59·6	60·98
56·2	56·0	56·0	56·0	56·0	56·2	56·2	56·2	56·2	56·6	56·8	56·8	57·07
55·6	55·6	55·6	55·8	56·0	56·1	56·3	56·8	57·0	57·0	57·0	57·0	56·33
56·0	56·0	56·2	56·5	56·4	56·8	57·0	57·0	57·0	57·0	57·1	57·1	56·80
56·0	55·8	55·8	56·2	56·4	56·6	56·8	57·0	57·0	57·0	57·0	57·2	56·66
55·6	55·6	55·4	55·4	55·6	55·8	56·0	56·2	56·5	56·7	56·7	57·0	56·24
55·2	55·2	55·2	55·6	55·8	56·0	56·0	56·4	56·2	56·4	56·2	56·2	55·90
54·0	53·8	53·6	53·6	53·5	53·5	53·5	53·4	53·3	53·3	53·3	53·3	54·32
51·8	51·7	51·7	51·8	52·2	52·2	52·3	52·5	52·8	52·6	52·8	52·8	52·37
52·3	52·3	52·2	52·3	52·4	52·4	52·2	52·4	52·2	52·5	52·6	52·6	52·51
51·0	51·0	51·0	51·2	51·2	51·8	52·1	52·5	52·8	53·0	53·3	53·5	51·97
53·1	53·1	53·4	53·7	54·0	54·0	54·6	55·0	55·5	55·8	55·8	55·7	54·12
56·98	56·93	56·94	57·05	57·17	57·31	57·47	57·67	57·77	57·86	57·91	57·96	57·56

HORIZONTAL FORCE.													
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah° = '000230.													
Mean Göttingen Time.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
MAY.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
	1	47·3	48·2	48·2	—	—	—	—	—	—	—	—	
	2	—	—	—	50·0	50·9	50·8	50·8	51·3	51·3	51·5	49·6	49·0
	3	48·9	48·0	47·2	49·0	48·5	49·0	49·5	49·7	49·9	51·0	48·9	49·5
	4	50·7	48·2	47·8	47·8	—	48·2	48·3	48·5	48·3	48·1	48·2	47·2
	5	49·5	49·5	49·6	49·8	49·8	50·2	50·4	50·0	51·2	52·0	52·4	51·9
	6	52·5	52·5	52·3	52·2	52·2	52·6	53·0	53·4	53·5	53·7	54·3	53·5
	7	50·5	52·2	53·0	52·0	52·0	51·5	51·6	51·7	51·4	52·2	53·1	52·9
	8	40·0	39·8	34·4	—	—	—	—	—	—	—	—	—
	9	—	—	—	46·7	47·3	47·6	47·5	47·9	48·4	48·9	50·6	51·0
	10	50·1	51·8	49·9	49·0	50·7	51·0	51·4	51·6	51·5	51·7	52·8	52·8
	11	51·4	50·7	50·7	50·4	—	50·4	50·2	50·3	50·6	51·0	51·5	51·6
	12	46·8	46·7	46·9	47·3	47·5	47·5	47·6	47·8	48·2	48·5	48·9	49·3
	13	50·3	49·8	50·1	50·5	—	51·0	51·8	51·9	51·9	52·7	52·2	53·5
	14	51·8	52·2	52·0	52·0	—	53·0	53·0	53·2	54·3	55·5	56·1	56·2
	15	42·0	45·7	45·8	—	—	—	—	—	—	—	—	—
	16	—	—	—	39·0	38·6	38·2	40·2	42·3	38·7	42·1	42·6	43·0
	17	48·9	47·5	48·0	49·3	54·1	51·9	50·0	49·3	48·2	48·0	47·4	46·5
	18	50·2	49·3	50·0	52·1	50·6	50·2	51·9	50·0	—	51·2	52·8	52·9
	19	48·9	53·8	49·0	49·0	49·8	50·2	50·7	51·0	52·0	52·0	52·8	53·4
	20	51·2	50·8	50·9	52·7	50·8	51·2	51·5	51·7	52·1	52·6	51·6	51·0
	21	49·4	50·2	50·0	50·1	50·6	51·5	51·4	51·5	51·6	51·9	52·5	50·4
	22	52·8	52·3	53·8	—	—	—	—	—	—	—	—	—
	23	—	—	—	53·1	53·6	53·2	53·2	53·2	53·5	53·0	53·0	52·7
	24	52·2	52·9	53·4	53·6	54·3	54·4	54·5	55·0	55·4	55·5	55·6	56·5
	25	54·6	54·9	54·6	54·2	55·3	55·2	55·2	55·0	55·0	55·1	54·9	54·0
	26	51·8	51·0	51·6	52·0	52·8	52·2	51·8	51·8	52·1	52·2	52·6	52·5
	27	54·0	54·0	54·0	53·3	—	53·3	54·1	55·1	55·2	55·0	55·0	52·5
	28	57·1	48·4	49·3	51·6	52·9	52·6	52·5	52·6	53·3	54·2	54·7	53·9
	29	50·7	47·7	48·2	—	—	—	—	—	—	—	—	—
	30	—	—	—	51·8	51·9	52·2	53·4	53·0	53·6	54·0	54·5	54·5
31	53·6	53·4	53·3	53·0	53·2	53·0	53·0	52·6	53·7	54·8	54·7	55·2	
Hourly Means	50·28	50·06	49·77	50·44	50·83	50·85	51·09	51·21	51·39	51·86	52·05	51·82	
TEMPERATURE OF THE BIFILAR MAGNET.													
MAY.	°	°	°	°	°	°	°	°	°	°	°	°	
	1	56·0	56·0	56·0	—	—	—	—	—	—	—	—	
	2	—	—	—	54·2	54·2	54·1	54·0	54·0	53·8	53·6	53·5	53·4
	3	54·5	54·7	54·8	54·9	55·0	55·0	55·2	55·2	55·2	55·2	55·4	55·5
	4	57·8	57·7	57·7	57·8	—	57·8	57·8	57·8	57·8	57·8	57·8	57·8
	5	57·4	57·2	57·1	57·0	56·7	56·4	56·0	55·8	55·4	55·0	54·8	54·2
	6	53·2	53·0	52·7	52·6	52·3	52·2	52·0	51·8	51·6	51·4	51·2	51·0
	7	53·4	53·5	53·5	53·5	53·6	53·6	53·6	53·6	53·6	53·7	53·7	53·7
	8	56·0	56·0	56·0	—	—	—	—	—	—	—	—	—
	9	—	—	—	53·5	53·3	53·2	53·0	52·8	52·6	52·4	52·2	52·0
	10	52·0	51·9	51·8	51·8	51·6	51·6	51·4	51·4	51·3	51·2	51·2	51·3
	11	53·6	53·9	54·0	54·1	—	54·2	54·2	54·3	54·4	54·4	54·6	54·6
	12	58·3	58·3	58·4	58·3	58·3	58·2	58·2	58·2	58·0	58·0	58·0	57·8
	13	56·1	55·8	55·6	55·3	—	54·6	54·2	54·0	53·7	53·4	53·0	52·8
	14	53·0	52·8	52·8	52·8	—	52·5	52·1	52·0	52·2	52·0	51·8	51·7
	15	53·2	53·2	53·2	—	—	—	—	—	—	—	—	—
	16	—	—	—	51·4	51·2	51·0	50·8	50·8	50·6	50·3	50·0	49·9
	17	50·8	50·8	50·6	50·5	50·3	50·1	50·0	49·8	49·7	49·3	49·0	49·0
	18	50·0	50·0	50·0	50·0	50·0	50·0	50·0	50·0	—	50·0	49·8	49·8
	19	51·7	51·6	51·5	51·5	51·3	51·2	50·8	50·8	50·5	50·3	50·0	50·0
	20	50·6	50·6	50·5	50·5	50·3	50·2	50·2	50·2	50·0	50·0	50·0	50·0
	21	52·1	52·4	52·4	52·3	52·3	52·3	52·2	52·0	51·8	51·5	51·2	51·2
	22	50·3	50·3	50·3	—	—	—	—	—	—	—	—	—
	23	—	—	—	50·1	50·1	50·1	50·1	50·1	50·3	50·2	50·2	50·0
	24	50·7	50·5	50·1	50·2	50·0	49·6	49·5	49·3	49·3	49·0	48·8	48·8
	25	50·4	50·3	50·3	50·2	50·0	50·0	49·8	49·8	49·8	49·8	49·8	49·8
	26	51·2	51·2	51·2	51·2	51·3	51·3	51·3	51·5	51·6	51·6	51·4	51·3
	27	52·0	52·0	52·0	52·0	—	52·1	52·1	52·0	51·8	51·8	51·8	51·8
	28	52·0	51·8	51·6	51·3	51·0	50·8	50·6	50·4	50·1	49·8	49·7	49·7
	29	50·7	50·8	50·8	—	—	—	—	—	—	—	—	—
	30	—	—	—	51·3	51·3	51·1	51·0	51·0	50·8	50·8	50·6	50·6
31	50·6	50·6	50·6	50·6	50·6	50·6	50·6	50·5	50·5	50·5	50·5	50·5	
Hourly Means	52·98	52·96	52·90	52·65	52·13	52·45	52·34	52·27	52·26	52·04	51·92	51·85	

HORIZONTAL FORCE.												
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.												
12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
47.0	44.4	42.7	42.6	43.1	46.0	48.3	50.5	51.2	50.5	49.8	49.0	48.50
47.6	44.7	42.6	42.0	43.7	44.4	47.3	48.2	48.8	48.2	48.7	48.3	47.65
45.0	44.3	42.7	42.0	42.3	44.5	45.8	47.5	—	48.5	49.0	49.1	46.91
50.3	49.0	47.5	47.4	47.3	49.0	50.5	51.8	52.9	53.1	53.3	54.0	50.52
52.5	51.3	51.0	50.2	51.5	52.0	53.8	53.3	52.1	50.9	52.0	51.2	52.40
53.0	49.7	46.4	48.4	46.9	39.8	49.5	52.1	37.0	34.5	25.4	27.7	47.29
—	—	—	—	—	—	—	—	—	—	—	—	—
48.9	47.0	46.3	45.0	43.7	44.4	45.5	47.7	42.6	44.5	46.4	49.2	45.89
51.7	50.3	48.0	46.4	47.0	47.0	49.5	48.6	50.3	51.2	51.4	50.9	50.27
49.4	47.1	45.7	45.2	44.5	44.8	46.7	47.1	46.4	45.8	45.7	45.8	48.39
49.2	47.7	46.3	45.5	45.7	45.5	45.9	47.7	48.2	48.2	48.4	48.5	47.49
51.3	50.3	48.1	46.7	46.2	46.5	48.7	51.0	51.0	51.0	51.5	52.0	50.93
54.7	53.8	52.0	51.5	52.4	52.3	52.0	53.2	52.8	51.6	43.4	41.9	52.21
—	—	—	—	—	—	—	—	—	—	—	—	—
37.8	41.5	42.1	44.2	43.7	45.2	45.5	47.3	48.2	48.7	50.5	48.2	43.38
42.6	43.3	44.7	44.6	43.0	46.0	46.7	47.6	46.4	43.6	49.8	49.8	47.38
52.0	50.6	48.2	46.6	48.1	44.4	47.3	48.8	46.7	47.3	47.8	48.7	49.46
51.4	49.3	50.2	45.9	44.7	45.9	48.7	50.4	47.4	49.9	48.8	50.6	49.82
51.5	50.2	49.5	48.6	48.5	48.2	47.4	49.6	50.4	51.0	49.2	48.9	50.46
50.7	50.0	49.3	48.0	47.6	48.0	49.5	51.4	51.9	52.1	51.3	52.2	50.55
—	—	—	—	—	—	—	—	—	—	—	—	—
51.8	51.7	50.8	49.8	50.5	50.7	51.9	52.5	53.1	53.1	52.9	52.0	52.42
56.6	56.0	55.0	54.0	53.4	53.0	52.9	53.4	54.2	54.5	—	54.9	54.40
52.2	51.2	50.2	51.0	51.1	50.8	51.7	51.2	51.2	50.2	50.9	52.0	52.99
52.1	50.4	49.6	50.2	51.9	52.2	53.6	54.0	53.3	53.7	54.5	54.0	52.25
52.1	49.8	48.3	48.1	47.8	44.7	45.0	49.3	52.1	49.0	45.8	47.6	51.09
53.3	51.3	50.0	48.6	48.2	51.4	54.8	52.6	36.9	43.8	44.8	44.8	50.57
—	—	—	—	—	—	—	—	—	—	—	—	—
53.7	52.8	51.3	51.0	50.4	51.1	52.0	53.0	53.5	53.2	53.6	53.5	52.27
56.0	54.9	53.5	52.3	52.0	52.2	51.4	52.2	53.1	53.5	54.5	52.4	53.40
50.55	49.33	48.15	47.53	47.51	47.69	49.30	50.46	49.27	49.29	48.78	49.12	46.69
TEMPERATURE OF THE BIFILAR MAGNET.												
°	°	°	°	°	°	°	°	°	°	°	°	°
53.2	53.0	53.0	53.0	52.9	53.0	53.1	53.3	53.5	53.6	53.8	53.9	53.84
55.4	55.6	55.8	56.0	56.5	56.6	57.0	57.3	57.5	57.5	57.5	57.5	55.87
57.8	57.9	58.0	58.2	58.2	58.2	58.0	58.0	—	57.8	57.7	57.5	57.86
54.0	54.0	53.8	53.6	53.6	53.7	53.7	53.7	53.7	53.5	53.3	53.2	54.87
51.0	51.0	51.0	51.1	51.6	51.8	52.0	52.6	52.9	53.1	53.2	53.3	52.07
53.6	53.6	53.6	53.6	53.8	53.9	54.3	54.6	54.8	55.0	55.2	55.6	53.94
—	—	—	—	—	—	—	—	—	—	—	—	—
52.2	52.2	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.1	52.87
51.3	51.3	51.3	51.3	51.4	51.6	52.0	52.1	52.8	53.1	53.2	53.3	51.80
54.8	54.8	55.2	55.6	56.0	56.6	57.0	57.1	57.3	57.7	57.8	58.0	55.40
57.8	57.5	57.3	57.2	57.2	57.2	57.0	57.0	56.8	56.7	56.5	56.3	57.60
52.6	52.4	52.4	52.4	52.5	52.7	52.8	53.0	53.2	53.2	53.0	53.0	53.55
51.6	51.4	51.4	51.6	51.6	51.8	52.3	52.5	52.7	52.7	52.7	53.0	52.22
—	—	—	—	—	—	—	—	—	—	—	—	—
50.0	49.8	49.8	50.0	50.2	50.4	50.5	50.8	50.8	50.8	50.8	50.8	50.85
48.6	48.6	48.4	48.4	48.5	48.8	49.0	49.1	49.3	49.7	49.8	50.0	49.50
49.6	49.7	49.8	50.0	50.3	50.6	50.8	51.1	51.2	51.3	51.3	51.6	50.30
49.8	49.6	49.6	49.6	49.8	50.0	50.0	50.2	50.5	50.6	50.6	50.6	50.50
50.0	50.0	50.0	50.2	50.5	50.8	51.3	51.8	52.0	52.4	52.4	52.4	50.70
51.0	50.8	50.8	50.8	50.7	50.7	50.7	50.6	50.5	50.5	50.4	50.3	51.31
—	—	—	—	—	—	—	—	—	—	—	—	—
50.0	49.8	49.8	50.2	50.3	50.3	50.5	50.9	51.0	51.0	50.9	50.8	50.32
48.7	48.6	48.7	48.9	49.1	49.4	49.6	50.0	50.2	50.3	—	50.3	49.55
49.8	49.7	49.6	49.9	50.0	50.2	50.3	50.7	51.0	51.2	51.2	51.2	50.20
51.2	51.2	51.0	51.0	51.0	51.2	51.3	51.5	51.6	51.7	51.8	51.9	51.35
51.6	51.5	51.4	51.3	51.8	51.8	52.0	52.3	52.3	52.2	52.2	52.2	51.91
49.7	49.7	49.8	49.8	49.8	50.0	50.1	50.4	50.4	50.7	50.7	50.8	50.45
—	—	—	—	—	—	—	—	—	—	—	—	—
50.5	50.3	50.2	50.3	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.4	50.66
50.6	50.6	50.7	50.8	51.0	51.4	51.8	51.8	52.0	52.0	52.0	52.0	50.98
51.78	51.72	51.71	51.80	51.96	52.13	52.30	52.50	52.43	52.73	52.83	52.77	52.32

HORIZONTAL FORCE.													
One Scale Division = '000217 parts of the II. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.													
Mean Göttingen Time.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
JUNE.	1	51.0	55.4	51.8	51.6	51.2	51.6	51.8	53.2	51.6	52.2	53.5	53.1
	2	49.3	50.0	51.1	50.1	50.9	51.0	51.0	51.1	51.8	52.0	53.7	54.0
	3	51.7	52.8	53.0	52.5	52.8	53.0	53.5	53.6	54.2	54.5	54.2	55.7
	4	53.3	52.8	52.8	52.9	53.1	53.4	53.8	54.2	54.7	54.7	55.7	56.7
	5	56.4	56.7	56.8	—	—	—	—	—	—	—	—	—
	6	—	—	—	57.6	57.8	58.0	58.2	58.8	58.6	58.4	59.6	61.2
	7	55.5	54.4	54.2	55.3	—	56.4	55.8	55.4	55.8	56.4	57.1	58.5
	8	55.0	53.7	54.3	54.1	54.1	54.5	54.8	55.1	—	56.0	56.6	56.3
	9	54.3	55.1	54.8	54.6	56.0	55.8	55.4	54.9	55.6	55.7	57.1	58.0
	10	55.5	54.6	50.1	52.0	50.5	54.2	56.7	50.9	51.2	52.4	53.6	55.2
	11	54.0	52.0	52.4	52.7	53.4	55.3	53.5	55.8	55.0	54.2	55.6	55.6
	12	55.0	55.2	55.4	—	—	—	—	—	—	—	—	—
	13	—	—	—	55.8	51.7	53.7	55.1	53.1	52.6	53.7	53.6	53.9
	14	53.0	57.2	52.2	49.2	49.8	49.8	51.2	54.0	—	53.3	50.0	50.6
	15	54.3	54.2	54.1	54.8	54.2	54.8	55.2	55.5	56.2	57.5	56.7	56.3
	16	53.3	54.2	54.0	54.0	54.0	54.5	55.0	55.7	56.1	56.1	57.0	57.2
	17	54.4	56.0	55.0	54.5	54.9	55.0	54.8	55.0	55.6	56.0	56.8	56.9
	18	54.8	53.8	53.8	53.1	53.6	53.8	53.8	53.8	54.0	55.3	55.1	54.2
	19	55.3	55.2	55.0	—	—	—	—	—	—	—	—	—
	20	—	—	—	—	53.7	53.5	53.8	54.0	54.1	54.4	54.9	56.0
	21	52.4	51.7	53.2	53.4	—	54.1	55.2	56.0	58.0	58.5	59.5	59.9
	22	53.7	53.0	54.7	53.9	54.0	54.8	55.0	55.2	55.2	55.4	55.5	55.6
	23	55.7	55.3	55.3	55.0	—	55.3	55.1	55.5	55.9	56.7	56.5	57.2
	24	55.1	55.4	55.3	55.3	55.5	55.5	55.6	55.4	55.8	56.1	56.5	57.2
	25	56.2	56.2	55.9	55.7	55.8	56.1	56.6	56.9	56.9	57.4	57.7	59.1
	26	57.8	58.8	58.3	—	—	—	—	—	—	—	—	—
	27	—	—	—	56.6	57.0	57.0	57.4	58.0	59.3	60.1	60.2	61.0
	28	60.7	61.0	59.9	60.1	59.5	59.6	59.4	59.4	60.0	60.5	60.2	60.0
	29	57.8	57.0	57.4	56.9	57.1	58.5	58.7	58.8	59.6	60.6	61.6	61.9
	30	56.6	57.1	57.2	57.1	57.2	57.5	57.5	58.3	—	59.2	59.6	59.4
Hourly Means	54.69	54.95	54.54	54.31	54.25	54.87	55.15	55.31	55.56	56.05	56.46	56.95	
TEMPERATURE OF THE BIFILAR MAGNET.													
JUNE.	1	52.0	52.0	52.0	51.8	51.8	51.7	51.6	51.6	51.5	51.5	51.3	51.2
	2	52.7	52.9	53.0	53.0	52.8	52.8	52.6	52.6	52.5	52.5	52.3	52.3
	3	51.3	51.2	51.1	50.8	50.6	50.4	50.2	50.0	49.8	49.8	49.5	49.3
	4	49.0	49.0	48.8	48.8	48.6	48.5	48.3	48.2	48.2	48.2	48.2	48.1
	5	48.5	48.5	48.5	—	—	—	—	—	—	—	—	—
	6	—	—	—	47.6	47.6	47.4	47.2	47.2	47.0	46.9	46.7	46.4
	7	47.6	47.4	47.2	47.2	—	46.9	46.8	46.8	46.8	46.8	46.7	46.6
	8	47.7	47.7	47.7	47.7	47.6	47.5	47.4	47.3	—	47.2	47.0	47.0
	9	47.8	47.8	47.7	47.6	47.6	47.6	47.6	47.6	47.4	47.3	47.2	47.1
	10	48.3	48.4	48.6	48.8	48.9	48.8	48.8	48.8	48.8	48.8	48.8	48.6
	11	49.5	49.5	49.5	49.4	49.3	49.3	49.3	49.3	49.0	48.8	48.8	48.4
	12	48.0	48.0	48.0	—	—	—	—	—	—	—	—	—
	13	—	—	—	47.8	47.8	47.7	47.5	47.2	47.3	47.2	47.1	47.0
	14	49.5	49.6	49.6	49.4	49.4	49.4	49.2	49.2	—	48.6	48.6	48.4
	15	48.2	48.2	48.2	48.1	48.0	47.8	47.8	47.8	47.8	47.8	47.8	47.8
	16	49.0	48.8	48.8	48.6	48.4	48.2	48.0	47.8	47.6	47.4	47.3	47.2
	17	48.0	48.0	48.1	48.2	48.3	48.3	48.4	48.4	48.2	48.2	48.2	48.2
	18	49.6	49.7	49.8	49.9	49.8	49.8	49.6	49.6	49.4	49.2	49.0	49.0
	19	48.8	48.6	48.5	—	—	—	—	—	—	—	—	—
	20	—	—	—	—	51.0	51.0	51.0	51.1	51.0	51.0	50.8	50.8
	21	51.0	51.0	50.7	50.4	—	50.0	49.8	49.5	49.3	49.0	48.8	48.7
	22	49.1	49.0	49.0	49.0	48.8	48.8	48.6	48.6	48.6	48.4	48.3	48.2
	23	49.1	49.1	49.0	49.0	—	48.8	48.6	48.6	48.6	48.4	48.0	48.0
	24	50.0	49.9	49.7	49.6	49.4	49.1	49.3	49.4	49.3	49.1	48.6	48.3
	25	48.4	48.5	48.6	48.4	48.2	48.0	47.9	47.7	47.4	47.3	47.1	46.8
	26	47.0	46.8	46.5	—	—	—	—	—	—	—	—	—
	27	—	—	—	43.6	43.4	43.2	43.0	43.0	43.0	42.9	42.8	42.8
	28	44.0	44.0	44.0	44.1	44.2	44.2	44.2	44.4	44.5	44.5	44.5	44.7
	29	46.0	46.2	46.0	46.0	45.8	45.6	45.4	45.3	45.2	45.0	44.8	44.6
	30	46.1	46.1	46.2	46.1	46.0	45.8	45.8	45.6	—	45.2	45.0	45.0
Hourly Means	48.70	48.69	48.64	48.44	48.40	48.33	48.23	48.18	48.17	47.96	47.82	47.71	

HORIZONTAL FORCE.

One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah. = '000230.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
51.6	47.3	50.0	50.7	50.7	50.2	51.2	49.8	50.0	52.5	52.8	49.8	51.44
53.5	52.0	50.4	50.9	50.6	51.6	52.2	52.0	52.0	49.2	50.7	50.1	51.30
54.5	52.7	51.0	49.4	51.8	52.5	53.4	52.8	54.0	54.5	54.6	54.2	53.20
56.7	55.2	54.3	54.7	54.7	56.2	55.8	56.0	56.2	56.5	56.9	56.9	54.92
—	—	—	—	—	—	—	—	—	—	—	—	—
61.8	60.0	58.8	55.6	53.2	54.1	54.5	56.0	56.8	56.6	56.3	56.0	57.41
59.5	59.5	57.3	55.0	54.2	54.9	55.5	55.0	53.0	48.2	52.7	53.6	55.36
57.2	56.1	56.2	53.3	53.1	53.2	54.4	56.6	56.0	55.0	54.0	52.6	54.88
57.8	56.8	55.5	55.1	53.8	54.3	56.5	58.0	57.6	57.8	57.2	57.0	56.03
51.5	52.9	54.4	54.0	50.0	54.2	52.4	51.0	57.4	51.5	51.6	57.9	52.74
55.6	54.0	48.2	50.9	52.5	53.9	55.0	55.3	55.6	55.2	51.4	53.4	53.77
—	—	—	—	—	—	—	—	—	—	—	—	—
52.2	52.3	50.5	46.8	45.0	45.2	45.9	45.2	50.0	51.7	53.1	51.9	51.61
51.4	48.5	49.0	47.1	46.6	47.7	48.5	52.8	54.4	54.4	54.5	54.3	51.28
56.4	55.0	52.6	51.4	48.4	50.1	51.8	54.5	54.6	54.1	54.4	54.4	54.23
57.4	57.9	56.7	54.9	51.7	52.0	54.4	56.1	54.5	—	54.6	55.0	55.06
56.5	51.9	51.8	50.5	49.8	44.9	51.4	53.2	55.3	55.0	54.8	53.9	53.91
55.0	53.5	55.8	48.3	48.3	47.7	49.6	52.6	53.0	53.4	53.5	54.3	53.09
—	—	—	—	—	—	—	—	—	—	—	—	—
56.1	55.5	53.2	51.2	50.2	51.2	52.0	53.5	54.0	53.8	53.5	52.3	53.76
59.6	59.2	57.4	53.7	53.5	54.9	56.8	56.9	58.0	57.0	56.5	54.8	56.10
56.0	55.0	53.6	50.4	51.2	51.8	53.4	54.7	55.2	55.4	55.5	55.9	54.34
57.5	56.9	55.2	53.9	52.8	52.9	54.4	55.6	55.9	55.8	55.7	55.2	55.45
56.7	55.4	54.4	52.8	52.0	52.2	53.3	55.6	56.2	56.1	56.2	56.2	55.24
59.6	53.7	56.1	54.2	53.7	55.2	56.0	57.8	58.0	58.1	58.0	58.0	56.62
—	—	—	—	—	—	—	—	—	—	—	—	—
60.6	59.2	57.0	56.7	57.0	58.3	59.7	61.5	62.3	62.3	61.9	62.2	59.17
58.0	57.0	57.4	55.4	56.2	56.5	57.1	57.7	59.0	58.3	57.8	57.0	58.65
61.6	60.0	58.0	56.7	57.1	57.8	55.8	56.7	57.3	52.8	55.5	57.2	58.02
58.7	56.8	56.0	53.4	51.8	50.7	53.4	53.4	55.8	55.5	56.5	56.3	56.30
56.65	55.16	54.26	52.58	51.92	52.47	53.63	54.63	55.08	54.83	55.01	55.01	54.76

TEMPERATURE OF THE BIFILAR MAGNET.

51.0	51.0	51.2	51.4	51.6	52.0	52.2	52.3	52.3	52.7	52.7	52.7	51.80
52.0	52.1	52.0	52.0	52.0	52.0	52.0	52.0	52.0	51.8	51.6	51.5	52.30
49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.4	49.2	49.0	49.76
48.0	47.8	48.0	48.0	48.0	48.5	48.7	48.7	48.7	48.6	48.6	48.6	48.42
—	—	—	—	—	—	—	—	—	—	—	—	—
46.3	46.3	46.4	46.5	46.6	46.8	47.0	47.2	47.4	47.6	47.6	47.6	47.20
46.6	46.6	46.6	46.6	46.5	46.6	46.9	47.0	47.0	47.0	47.3	47.8	46.93
47.0	46.7	46.8	46.8	46.7	47.0	47.2	47.3	47.4	47.6	47.6	47.7	47.29
47.3	47.2	47.1	47.2	47.2	47.4	47.6	47.8	47.8	48.0	48.0	48.2	47.55
48.8	48.8	48.8	48.8	48.9	49.0	49.2	49.1	49.3	49.4	49.4	49.5	48.90
48.2	48.0	48.0	47.8	47.8	47.8	47.9	48.0	48.0	48.0	48.0	48.1	48.57
—	—	—	—	—	—	—	—	—	—	—	—	—
47.0	47.0	47.0	47.0	47.3	48.0	48.1	48.7	48.9	49.2	49.1	49.3	47.80
48.2	48.0	47.9	47.8	48.0	48.0	48.0	48.0	48.1	48.2	48.2	48.2	48.59
47.9	48.0	48.2	48.3	48.6	48.8	49.0	49.0	49.0	49.2	49.0	49.0	48.30
47.0	47.0	46.8	46.8	47.0	47.0	47.1	47.3	47.7	—	48.0	48.0	47.69
48.4	48.3	48.4	48.4	48.5	48.6	48.7	48.9	49.1	49.2	49.4	49.5	48.50
48.9	48.9	48.6	48.6	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	49.15
—	—	—	—	—	—	—	—	—	—	—	—	—
50.8	50.8	50.7	50.9	51.1	51.1	51.2	51.3	51.3	51.2	51.2	51.1	50.71
48.4	48.4	48.4	48.5	48.6	48.8	49.0	49.0	49.0	49.3	49.3	49.2	49.31
48.0	47.8	47.8	48.0	48.0	48.4	48.7	48.8	49.0	49.2	49.1	49.1	48.60
47.8	47.8	47.8	48.0	48.3	48.5	48.7	49.0	49.0	49.2	49.5	49.8	48.63
48.2	48.0	47.9	47.6	47.8	47.8	47.8	48.0	48.0	48.4	48.4	48.4	48.67
46.8	46.5	46.6	46.6	46.7	46.8	46.9	47.0	47.1	47.2	47.2	47.0	47.36
—	—	—	—	—	—	—	—	—	—	—	—	—
42.8	42.7	42.8	43.0	43.0	43.0	43.0	43.2	43.2	43.3	43.4	43.4	43.53
44.6	44.8	44.6	44.6	44.7	45.0	45.1	45.3	45.5	45.8	45.8	45.7	44.70
44.4	44.2	44.2	44.2	44.4	44.7	45.0	45.2	45.4	45.7	45.8	46.0	45.21
45.0	45.1	45.1	45.2	45.5	45.6	46.0	46.2	46.6	46.5	46.4	46.4	45.76
47.64	47.58	47.57	47.61	47.72	47.90	48.04	48.17	48.27	48.41	48.40	48.45	48.12

HORIZONTAL FORCE.													
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah' = '000230.													
Mean Götting- gen Time.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
JULY.	1	56'4	56'6	56'4	55'7	56'2	56'0	56'1	56'4	57'0	57'2	57'4	57'8
	2	56'9	56'2	56'0	56'2	56'1	56'5	56'6	56'8	—	57'8	58'3	59'0
	3	57'2	56'8	56'7	—	—	—	—	—	—	—	—	—
	4	—	—	—	56'7	56'8	56'8	56'9	57'1	57'3	57'5	58'2	58'8
	5	56'2	56'2	56'4	56'1	55'9	55'6	56'2	56'2	56'8	57'2	58'0	58'3
	6	55'9	55'4	56'0	55'6	56'6	56'8	56'8	56'9	57'5	57'7	58'3	60'0
	7	55'0	56'5	55'3	55'8	60'7	58'8	58'0	56'6	57'8	58'5	57'4	58'4
	8	54'5	53'7	53'4	55'0	55'7	55'6	56'0	56'4	56'8	57'0	57'4	57'1
	9	57'1	56'9	57'5	56'9	—	58'2	60'4	63'0	59'1	59'8	54'0	59'6
	10	46'4	46'7	46'0	—	—	—	—	—	—	—	—	—
	11	—	—	—	52'5	54'3	53'8	51'4	50'9	—	—	—	54'4
	12	51'5	51'3	52'8	50'8	52'3	52'8	53'8	52'0	—	53'0	53'5	53'0
	13	52'7	53'0	52'9	53'8	54'1	54'7	54'2	56'0	57'3	56'0	55'4	55'6
	14	53'8	53'4	54'9	54'0	54'0	54'8	55'5	55'2	55'4	55'5	55'4	54'6
	15	53'8	53'8	55'0	52'9	52'8	53'0	53'7	53'3	53'4	54'0	54'6	55'3
	16	54'1	53'9	54'0	54'3	55'0	55'0	55'0	55'3	56'4	56'5	58'5	58'1
	17	51'8	50'7	52'8	—	—	—	—	—	—	—	—	—
	18	—	—	—	55'0	55'0	55'0	55'2	55'2	55'5	55'0	55'5	55'7
	19	54'7	54'3	53'6	55'3	54'2	53'6	54'0	54'0	54'3	54'5	54'5	55'4
	20	50'8	54'1	52'6	53'2	53'8	54'1	54'3	54'5	54'8	55'0	55'0	56'0
	21	56'4	56'5	56'7	56'7	57'0	57'2	57'5	56'8	58'0	58'1	58'8	59'2
	22	54'4	56'4	55'4	54'0	56'1	55'8	55'8	56'2	56'8	56'8	58'2	58'2
	23	53'1	51'7	52'3	54'3	53'2	54'3	54'0	54'5	55'1	56'1	55'6	55'5
	24	54'7	55'2	55'2	—	—	—	—	—	—	—	—	—
	25	—	—	—	54'3	54'5	54'3	54'8	55'2	55'7	55'9	56'4	57'4
	26	55'8	56'3	55'8	55'0	55'0	57'0	56'0	56'1	56'4	56'6	56'6	56'5
	27	54'7	54'7	55'5	54'6	54'8	55'0	55'0	55'1	55'0	54'8	55'0	55'3
	28	53'2	53'2	53'2	53'6	54'2	54'8	55'0	55'0	54'3	54'5	55'7	57'1
	29	56'2	55'1	55'3	55'5	55'5	56'0	56'0	56'2	—	56'8	57'6	57'9
	30	54'5	55'5	55'9	55'0	54'8	54'3	55'0	55'7	55'8	56'5	56'7	57'5
Hourly Means	54'30	54'39	54'52	54'72	55'14	55'38	55'51	55'64	56'20	56'33	56'48	56'99	

TEMPERATURE OF THE BIFILAR MAGNET.													
JULY.	1	46'4	46'6	46'4	46'2	46'1	46'0	46'0	45'9	46'0	45'9	46'0	
	2	47'2	47'2	47'2	47'2	47'2	47'2	47'1	47'1	—	47'0	46'8	
	3	47'0	47'0	47'0	—	—	—	—	—	—	—	—	
	4	—	—	—	47'2	47'2	47'2	47'3	47'3	47'4	47'4	47'5	47'5
	5	48'8	48'8	48'7	48'6	48'5	48'4	48'3	48'2	48'0	48'0	47'7	47'7
	6	48'1	48'0	48'0	47'8	47'5	47'2	47'0	46'8	46'5	46'4	46'1	45'8
	7	45'7	45'5	45'7	45'8	45'8	45'6	45'4	45'2	45'2	45'1	45'0	45'0
	8	45'8	45'9	45'9	45'9	46'1	46'0	46'0	46'0	46'0	45'8	45'6	45'5
	9	46'3	46'3	46'2	46'2	—	46'0	45'8	45'8	45'8	45'8	45'8	45'8
	10	48'6	48'6	48'6	—	—	—	—	—	—	—	—	—
	11	—	—	—	48'8	48'6	48'6	48'6	48'5	—	—	—	48'0
	12	49'8	49'6	49'5	49'5	49'3	49'2	49'0	48'8	—	48'5	48'2	48'0
	13	48'0	48'0	47'8	47'8	47'5	47'3	47'0	47'0	47'0	46'9	46'6	46'4
	14	47'6	47'8	47'8	47'8	47'8	48'0	48'0	48'0	48'0	48'0	48'0	48'0
	15	49'0	49'0	49'0	49'0	49'0	48'8	48'8	48'8	48'7	48'5	48'3	48'2
	16	49'0	49'0	48'8	48'8	48'7	48'5	48'3	48'1	48'2	48'2	48'2	48'1
	17	48'0	48'0	48'2	—	—	—	—	—	—	—	—	—
	18	—	—	—	47'0	47'0	47'0	47'0	47'2	47'2	47'2	47'2	47'2
	19	49'4	49'5	49'6	49'5	49'4	49'3	49'2	49'1	49'2	49'2	49'2	49'2
	20	50'5	50'4	50'3	50'2	49'9	49'6	49'3	49'0	49'0	48'8	48'8	48'6
	21	47'0	46'9	46'7	46'6	46'4	46'2	46'2	46'0	45'8	45'7	45'5	45'5
	22	46'1	46'2	46'3	46'3	46'5	46'6	46'7	46'7	46'7	46'5	46'5	46'5
	23	48'6	48'5	48'5	48'3	48'3	48'3	48'2	48'0	47'8	47'6	47'6	47'4
	24	48'2	48'2	48'0	—	—	—	—	—	—	—	—	—
	25	—	—	—	46'8	46'8	46'8	46'8	46'8	46'6	46'5	46'4	46'4
	26	46'5	46'5	46'5	46'5	46'4	46'4	46'4	46'4	46'4	46'4	46'4	46'5
	27	48'7	48'8	48'9	49'0	49'0	49'0	49'0	49'0	49'0	49'0	49'0	49'2
	28	50'6	50'6	50'4	50'2	50'0	49'8	49'5	49'6	49'4	49'2	49'0	48'7
	29	48'0	47'9	47'8	47'7	47'5	47'5	47'3	47'3	—	47'2	47'2	47'0
	30	49'3	49'3	49'3	49'3	49'2	49'0	48'8	48'6	48'7	48'5	48'2	48'0
Hourly Means	48'01	48'00	47'97	47'85	47'83	47'67	47'58	47'51	47'40	47'33	47'23	47'18	

HORIZONTAL FORCE.

One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.	
Sc. Div. 58°0	Sc. Div. 55°9	Sc. Div. 54°4	Sc. Div. 52°5	Sc. Div. 53°0	Sc. Div. 55°0	Sc. Div. 55°4	Sc. Div. 56°8	Sc. Div. —	Sc. Div. 57°4	Sc. Div. 57°2	Sc. Div. 57°1	Sc. Div. 57°3	Sc. Div. 56°17
59°0	58°2	55°9	54°6	55°2	56°7	57°4	57°2	57°1	57°0	57°3	57°3	57°3	56°93
—	—	—	—	—	—	—	—	—	—	—	—	—	56°35
58°7	58°1	55°3	53°2	52°7	53°0	54°3	55°3	56°4	56°3	56°2	56°2	56°2	56°91
59°4	59°6	58°1	57°6	57°5	56°4	57°5	58°3	57°9	53°9	54°5	56°0	56°0	57°46
60°1	58°9	58°1	57°1	55°8	55°8	56°5	58°8	59°4	60°1	—	—	—	56°04
59°0	58°3	56°4	56°5	51°6	51°5	52°1	53°2	56°5	56°2	54°1	50°7	50°7	55°92
56°1	55°2	55°4	55°0	54°4	56°1	56°6	56°8	57°0	56°9	57°2	56°9	56°9	50°97
46°1	44°2	40°0	37°7	40°8	43°0	45°8	42°8	47°6	49°6	45°0	47°2	47°2	49°58
—	—	—	—	—	—	—	—	—	—	—	—	—	51°83
53°5	51°3	39°5	44°5	47°8	48°2	51°8	52°2	47°2	50°8	48°6	49°4	49°4	54°14
51°4	48°3	46°5	51°0	51°8	52°9	52°0	49°3	52°5	53°5	53°6	52°6	52°6	53°72
54°2	53°2	51°0	51°0	51°4	51°6	54°8	53°9	55°1	56°0	55°2	56°2	56°2	53°30
54°1	53°0	51°0	49°5	50°3	51°7	51°2	53°0	53°0	53°3	54°1	53°8	53°8	54°99
55°2	53°5	52°3	50°4	50°6	51°2	52°5	52°8	53°2	54°3	53°8	53°9	53°9	53°99
56°9	54°8	54°5	53°2	52°7	53°7	54°1	55°1	55°7	54°7	54°9	53°3	53°3	53°80
—	—	—	—	—	—	—	—	—	—	—	—	—	54°59
55°3	53°1	52°7	51°5	50°0	52°0	53°6	55°0	55°7	55°3	55°1	54°0	54°0	56°58
55°6	54°2	53°3	52°1	51°9	51°7	53°0	54°1	55°0	54°6	53°2	50°0	50°0	55°54
56°3	55°5	56°3	54°1	54°3	53°7	53°7	55°0	55°7	55°2	56°0	56°2	56°2	53°64
59°3	57°6	56°4	54°8	54°7	54°7	52°7	54°9	56°0	55°5	56°0	56°5	56°5	55°27
60°0	58°5	57°2	54°8	51°7	48°8	52°7	55°5	54°2	55°2	55°3	54°9	54°9	55°35
55°3	52°7	50°1	48°5	50°0	51°1	53°0	54°8	55°2	55°5	55°7	55°7	55°7	53°45
—	—	—	—	—	—	—	—	—	—	—	—	—	54°16
57°4	55°6	53°2	52°5	52°7	53°5	54°6	56°2	56°8	56°9	56°7	56°7	56°7	55°72
56°3	55°8	53°2	51°8	52°8	54°2	53°9	55°5	56°4	55°4	55°8	54°2	54°2	55°21
54°8	53°8	51°8	50°6	47°1	51°5	52°3	51°3	50°2	52°7	53°7	53°4	53°4	—
57°4	55°0	52°6	50°2	49°4	51°2	53°2	55°0	55°0	54°1	56°1	56°2	56°2	—
57°8	56°5	56°0	54°8	53°7	54°3	54°9	55°7	54°8	54°2	54°4	56°3	56°3	—
57°8	56°3	55°1	49°9	50°0	52°4	55°8	57°0	56°7	55°7	55°2	56°0	56°0	—
55°96	54°88	52°93	51°90	51°69	52°53	53°67	54°44	54°81	55°04	54°59	54°43	54°43	55°45

TEMPERATURE OF THE BIFILAR MAGNET.

46°0	46°0	46°2	46°4	46°5	46°7	47°0	47°2	—	47°1	47°2	47°2	46°39
46°6	46°4	46°4	46°4	46°7	46°8	47°0	47°1	47°1	47°1	47°0	47°1	46°93
—	—	—	—	—	—	—	—	—	—	—	—	47°82
47°5	47°6	47°7	48°0	48°3	48°5	48°7	48°8	48°8	49°0	48°9	48°9	47°98
47°5	47°3	47°2	47°2	47°3	47°5	47°6	47°9	48°1	48°1	48°1	48°1	46°34
45°8	45°6	45°3	45°2	45°3	45°3	45°3	45°3	45°5	45°6	—	—	45°23
44°8	44°8	44°6	44°8	44°7	44°8	45°0	45°0	45°2	45°4	45°6	45°8	45°77
45°2	45°1	45°1	45°1	45°3	45°5	45°5	46°0	46°2	46°3	46°3	46°3	46°77
46°1	46°3	46°4	46°6	47°0	47°3	47°8	48°2	48°4	48°5	48°6	48°6	48°75
—	—	—	—	—	—	—	—	—	—	—	—	48°48
47°8	47°8	48°0	48°4	48°7	49°1	49°3	49°4	49°6	49°6	49°6	49°6	46°90
47°9	47°6	47°6	47°6	47°8	47°8	48°0	48°2	48°2	48°4	48°4	48°2	48°16
46°2	46°0	46°0	46°0	46°2	46°3	46°5	46°8	46°8	47°0	47°0	47°3	48°80
48°0	48°0	48°0	48°0	48°3	48°4	48°4	48°6	48°7	48°8	48°9	49°0	48°20
48°3	48°3	48°3	48°4	48°8	48°8	49°0	49°2	49°4	49°2	49°2	49°0	—
47°8	47°8	47°8	47°8	47°8	47°8	48°0	48°0	48°0	48°2	48°0	48°0	—
—	—	—	—	—	—	—	—	—	—	—	—	47°88
47°3	47°3	47°3	47°7	48°0	48°4	48°6	48°8	49°2	49°4	49°4	49°5	49°67
49°2	49°4	49°4	49°5	49°7	50°0	50°3	50°4	50°5	50°7	50°6	50°6	48°44
48°2	48°0	47°8	47°4	47°3	47°3	47°2	47°2	47°0	47°0	46°8	47°0	45°92
45°6	45°6	45°6	45°6	45°4	45°3	45°5	45°5	45°8	45°8	45°8	46°0	47°02
46°6	46°6	46°8	46°8	47°0	47°2	47°6	48°2	48°3	48°5	48°6	48°6	47°95
47°4	47°2	47°3	47°5	47°7	47°9	48°0	48°1	48°1	48°2	48°2	48°2	46°58
—	—	—	—	—	—	—	—	—	—	—	—	48°98
46°0	46°2	46°0	46°0	46°2	46°2	46°1	46°1	46°2	46°3	46°3	46°1	49°55
46°3	46°4	46°5	47°0	47°3	47°4	47°7	48°0	48°2	48°3	48°5	48°6	48°95
49°3	49°3	49°4	49°6	49°8	50°0	50°4	50°5	50°8	50°8	50°8	50°8	48°03
48°4	48°4	48°0	48°0	48°0	48°0	48°0	48°2	48°3	48°2	48°2	48°0	48°58
47°2	47°2	47°5	48°0	48°4	48°7	49°0	49°2	49°3	49°3	49°3	49°3	—
48°1	48°0	47°9	47°8	47°8	48°0	48°2	48°5	48°8	48°8	49°0	49°0	—
47°12	47°08	47°08	47°18	47°36	47°50	47°68	47°78	48°02	48°06	48°17	48°19	47°62

HORIZONTAL FORCE.													
One Scale Division = .000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah. = .000230.													
Mean Göttingen Time. } July 31	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
1	55.0	55.2	55.3	—	55.8	56.0	56.9	56.3	56.8	57.0	57.4	58.2	59.2
2	56.7	56.3	56.5	56.2	56.6	57.0	57.0	57.0	57.3	57.7	58.3	59.7	59.7
3	55.3	56.2	56.0	55.6	56.0	56.0	56.2	56.1	56.9	56.7	57.1	57.8	57.8
4	50.1	49.8	52.8	54.2	53.8	54.2	54.8	55.7	56.2	57.6	59.4	59.2	59.2
5	41.4	43.5	42.2	52.6	44.9	50.0	50.4	50.4	—	52.3	47.7	50.6	50.6
6	52.3	52.0	52.0	52.2	55.1	54.9	54.4	54.0	53.5	54.2	56.6	55.0	55.0
7	53.3	52.8	59.5	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	56.3	56.0	55.6	54.2	54.7	55.2	56.3	53.7	53.7
9	52.5	52.0	52.6	53.0	53.8	53.1	53.0	54.4	55.7	56.4	56.5	55.2	55.2
10	53.8	53.5	53.4	54.0	—	54.0	54.4	54.3	54.8	55.4	56.2	55.8	55.8
11	52.6	52.4	52.8	53.0	—	53.2	54.0	54.2	54.2	54.5	54.7	54.0	54.0
12	52.8	52.7	53.0	53.5	52.3	53.2	53.7	54.2	—	55.1	55.1	55.5	55.5
13	54.0	53.8	53.2	53.2	53.2	53.9	53.4	53.8	—	55.0	56.0	56.6	56.6
14	56.8	55.1	54.8	—	—	—	—	—	—	—	—	—	—
15	—	—	—	53.8	53.5	53.5	53.9	54.0	54.4	54.6	54.8	55.2	55.2
16	53.0	52.3	53.6	53.8	53.4	54.1	54.6	55.3	56.2	56.8	57.2	54.8	54.8
17	51.8	49.2	52.6	52.0	—	52.8	53.3	54.5	55.6	54.9	54.7	54.5	54.5
18	54.0	54.7	54.8	54.9	54.8	55.0	55.0	55.4	55.4	55.6	56.3	56.6	56.6
19	52.7	52.8	53.0	53.1	53.1	53.6	55.5	55.3	55.0	54.5	56.0	56.1	56.1
20	51.3	51.3	53.6	53.6	54.4	55.2	55.4	55.5	—	57.2	58.0	58.4	58.4
21	55.8	56.2	56.2	—	—	—	—	—	—	—	—	—	—
22	—	—	—	46.0	44.2	45.1	48.4	46.3	48.0	48.2	49.4	49.0	49.0
23	50.5	50.7	50.3	50.9	50.8	50.5	50.3	51.4	53.2	53.8	53.0	52.7	52.7
24	49.0	49.8	50.2	50.8	51.0	51.2	51.8	52.3	52.2	53.1	53.4	53.0	53.0
25	48.3	47.0	46.0	47.2	50.2	51.2	51.5	50.1	50.8	51.0	52.1	51.8	51.8
26	46.8	43.8	49.5	51.1	—	51.6	52.0	52.0	52.8	53.1	53.1	52.4	52.4
27	51.5	51.5	51.4	51.2	51.3	51.4	52.0	52.3	53.5	53.1	53.7	54.0	54.0
28	42.4	45.1	53.2	—	—	—	—	—	—	—	—	—	—
29	—	—	—	52.8	53.2	53.6	53.8	54.7	55.4	56.5	57.8	58.3	58.3
30	54.2	53.6	53.0	53.5	52.3	58.7	54.5	53.1	53.2	54.2	55.2	55.5	55.5
31	53.2	52.0	52.0	51.0	—	52.1	52.6	53.1	53.8	54.5	54.0	52.7	52.7
Hourly Means	51.78	51.64	52.50	52.65	52.74	53.41	53.62	53.70	54.34	54.76	55.21	55.08	55.08

TEMPERATURE OF THE BIFILAR MAGNET.												
July 31	49.0	48.8	48.8	—	—	—	—	—	—	—	—	—
1	—	—	—	48.2	48.0	47.9	47.6	47.4	47.2	47.2	47.0	46.8
2	48.0	48.0	48.0	48.0	47.8	47.8	47.8	47.8	47.8	47.8	47.7	47.8
3	49.0	49.0	49.0	49.0	49.0	49.0	48.9	48.9	49.0	48.9	48.7	48.5
4	50.5	50.3	50.3	50.2	50.2	50.0	50.0	49.8	49.6	49.6	49.5	49.4
5	50.9	50.7	50.6	50.4	50.4	50.2	50.2	50.0	—	49.4	49.2	49.0
6	48.4	48.4	48.2	48.0	47.9	47.9	47.8	47.8	47.8	47.7	47.6	47.5
7	49.5	49.5	49.5	—	—	—	—	—	—	—	—	—
8	—	—	—	—	48.8	48.6	48.6	48.6	48.3	48.1	48.0	47.9
9	49.8	49.8	49.6	49.6	49.4	49.2	49.0	48.8	48.8	48.6	48.5	48.3
10	50.0	49.8	49.8	49.8	—	49.7	49.6	49.6	49.5	49.4	49.4	49.2
11	52.0	51.8	51.7	51.6	—	51.5	51.5	51.2	51.1	51.0	51.0	51.0
12	52.8	52.8	52.6	52.2	52.0	51.8	51.7	51.3	—	51.0	50.7	50.4
13	51.9	52.0	52.0	52.0	52.4	52.4	52.5	52.6	—	52.6	52.6	52.4
14	52.2	52.0	52.0	—	—	—	—	—	—	—	—	—
15	—	—	—	50.6	50.6	50.4	50.3	50.2	50.3	50.2	50.1	50.0
16	52.1	52.1	52.0	52.0	52.1	52.0	51.9	51.6	51.5	51.5	51.3	51.3
17	53.4	53.4	53.3	53.2	—	53.0	52.8	52.8	52.6	52.4	52.2	52.1
18	52.4	52.2	52.0	52.0	51.8	51.5	51.5	51.3	51.3	51.2	51.2	51.0
19	52.6	52.3	52.1	52.0	51.9	51.6	51.4	51.3	51.0	50.8	50.8	50.6
20	50.1	50.0	49.9	49.7	49.4	49.2	49.2	49.0	—	48.8	48.8	48.8
21	49.5	49.3	49.3	—	—	—	—	—	—	—	—	—
22	—	—	—	49.4	49.3	49.3	49.3	49.2	49.0	48.8	48.8	48.6
23	50.9	51.0	50.8	50.7	50.6	50.4	50.2	50.0	49.8	49.5	49.3	49.2
24	50.6	50.6	50.4	50.2	50.0	50.0	49.8	49.6	49.4	49.3	49.0	48.8
25	50.0	49.8	49.8	49.5	49.3	49.0	48.8	48.5	48.2	48.0	47.8	47.6
26	50.0	50.2	50.2	50.2	—	50.2	50.2	50.0	50.1	50.0	50.0	50.0
27	54.4	54.6	54.4	54.2	54.1	54.0	53.9	53.8	53.7	53.7	53.6	53.6
28	54.6	54.3	54.2	—	—	—	—	—	—	—	—	—
29	—	—	—	52.6	52.4	52.2	52.0	51.8	51.4	51.2	51.0	50.8
30	52.2	52.2	52.0	52.0	51.7	51.5	51.5	51.4	51.3	51.2	51.2	51.2
31	52.7	52.7	52.7	52.5	—	52.4	52.4	52.3	52.2	52.0	52.0	52.0
Hourly Means	51.09	51.02	50.93	50.76	50.41	50.47	50.38	50.24	50.04	49.99	49.89	49.77

HORIZONTAL FORCE.

One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah' = '000230.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
59.1	57.3	54.7	53.2	53.4	53.6	55.2	57.2	58.2	58.2	57.7	57.0	56.41
58.8	57.6	55.1	53.1	52.3	54.3	55.3	55.7	55.6	52.9	54.3	55.2	56.10
58.1	57.1	55.9	54.8	53.9	54.9	54.1	54.9	56.3	54.3	51.8	51.2	55.55
58.6	56.7	54.4	48.5	34.0	43.4	45.5	40.5	38.5	35.2	41.1	39.1	49.68
52.0	47.1	48.1	43.2	46.0	46.8	49.2	52.0	49.5	45.0	50.2	52.4	48.28
50.5	52.5	51.9	51.7	51.7	50.5	52.0	52.2	49.6	52.3	51.8	52.8	52.74
54.5	52.6	49.0	47.4	44.0	46.7	48.5	51.4	51.2	50.9	54.6	51.2	52.59
55.3	53.1	51.7	50.8	51.7	49.8	50.8	52.9	53.1	53.6	53.6	53.8	53.27
55.3	54.9	52.9	50.8	50.8	52.3	53.8	54.0	54.0	54.0	53.8	53.3	53.89
53.6	52.1	50.5	48.8	48.8	48.2	46.8	49.5	51.9	52.5	52.4	52.7	52.06
54.6	52.7	51.3	49.8	50.0	50.1	51.8	53.6	54.2	54.2	54.3	54.1	53.12
56.3	54.4	52.8	49.5	48.1	48.7	50.4	53.1	54.0	54.0	56.5	56.5	53.50
54.6	52.8	52.7	49.8	48.8	48.8	49.7	50.9	52.3	52.9	53.1	53.0	53.07
56.2	56.4	55.1	54.0	51.9	50.4	51.2	52.3	51.0	51.5	53.1	52.3	53.77
54.5	54.2	52.6	51.4	51.4	50.5	49.2	50.9	50.8	52.8	52.6	54.6	52.67
56.8	51.3	50.3	45.6	48.1	49.7	51.5	52.0	51.7	52.0	52.3	52.5	53.16
54.0	53.0	49.0	47.4	46.0	49.2	51.7	51.5	51.9	51.2	53.0	53.0	52.57
57.5	56.3	54.0	51.0	50.4	51.0	52.7	56.4	56.3	56.4	55.4	55.9	54.66
49.0	47.3	44.2	43.7	43.2	43.8	45.0	47.6	48.5	47.3	46.7	49.6	47.86
52.6	50.4	46.0	45.0	46.8	49.3	51.0	50.7	47.2	47.8	48.4	47.3	50.02
52.3	49.0	46.6	46.5	47.6	48.8	49.2	48.2	48.5	—	43.1	45.0	49.68
51.9	51.1	50.5	51.5	52.3	49.3	51.8	51.1	50.5	49.0	48.7	45.0	50.00
51.0	50.1	47.4	46.4	46.3	48.0	49.1	50.7	51.7	51.5	51.8	51.7	50.17
52.3	51.0	46.7	44.5	43.3	47.7	45.1	49.7	50.5	47.8	46.0	42.3	49.74
56.4	54.5	51.2	47.3	49.7	51.5	54.0	53.9	54.5	54.9	52.9	53.7	52.97
54.8	52.3	49.6	48.0	48.9	50.4	53.0	53.2	53.8	53.4	53.9	53.7	53.17
52.0	49.5	47.1	46.7	45.7	47.2	50.0	52.0	52.5	52.7	52.8	52.8	51.40
54.54	52.86	50.79	49.01	48.33	49.44	50.65	51.78	51.77	51.47	51.70	51.54	52.30

TEMPERATURE OF THE BIFILAR MAGNET.

46.7	46.5	46.7	46.8	47.0	47.2	47.3	47.5	47.7	47.8	48.0	48.0	47.55
48.0	48.0	48.0	48.0	48.0	48.2	48.2	48.6	48.6	48.8	48.8	48.8	48.10
48.6	48.6	48.8	49.0	49.3	49.6	49.7	49.8	50.0	50.2	50.2	50.3	49.22
49.2	49.1	49.1	49.3	49.6	49.8	50.3	50.7	51.0	51.2	51.2	51.0	50.04
49.0	48.7	48.6	48.6	48.7	48.3	48.3	48.5	48.6	48.6	48.4	48.4	49.30
47.2	47.4	47.2	47.4	47.7	48.0	48.3	48.6	49.0	49.1	49.2	49.3	48.06
47.8	47.8	48.0	48.3	48.6	49.0	49.2	49.4	49.4	49.6	49.8	49.8	48.78
48.2	48.2	48.4	48.8	49.0	49.2	49.5	49.7	49.7	50.0	49.8	49.8	49.15
49.2	49.2	49.3	49.6	49.8	50.2	50.4	50.8	51.0	51.2	51.3	51.6	49.97
51.1	51.2	51.3	51.4	51.8	52.0	52.2	52.6	52.8	53.0	53.0	53.0	51.77
50.0	50.0	49.8	49.8	49.8	49.8	50.2	50.5	50.9	51.1	51.6	51.8	51.07
52.2	52.0	52.0	52.0	52.3	52.4	52.5	52.6	52.6	52.6	52.5	52.3	52.32
49.8	50.0	50.2	50.7	50.9	51.1	51.5	51.7	51.8	52.0	52.0	52.0	50.94
51.4	51.2	51.2	51.4	51.8	52.2	52.5	52.8	53.2	53.3	53.4	53.5	52.05
52.2	52.1	52.0	52.0	52.0	52.0	52.2	52.3	52.6	52.6	52.6	52.4	52.53
51.0	51.0	51.2	51.2	51.6	51.8	52.0	52.3	52.5	52.7	52.7	52.7	51.75
50.5	50.3	50.1	50.0	50.0	50.0	50.0	50.2	50.3	50.3	50.3	50.2	50.86
48.8	48.8	48.9	49.2	49.2	49.4	49.4	49.5	49.5	49.6	49.6	49.6	47.27
48.7	48.7	48.8	49.2	49.5	49.7	50.0	50.3	50.5	50.6	50.7	50.7	49.47
49.2	49.2	49.3	49.5	49.8	50.0	50.0	50.2	50.5	50.6	50.6	50.8	50.87
48.6	48.6	48.6	48.8	49.2	49.3	49.6	50.0	50.1	—	50.2	50.1	49.60
47.4	47.3	47.4	47.7	48.0	48.3	48.5	49.0	49.3	49.5	49.8	49.9	48.68
50.2	50.3	50.6	51.2	51.5	52.0	52.7	53.3	53.8	54.0	54.2	54.2	51.26
53.6	53.7	53.8	53.8	54.0	54.0	54.1	54.4	54.4	54.8	54.8	54.6	54.08
50.8	50.8	50.8	51.2	51.4	51.6	51.8	52.0	52.0	52.0	52.2	52.2	51.97
51.0	51.0	51.0	51.2	51.2	51.6	51.8	52.0	52.2	52.7	52.7	52.8	51.70
52.0	52.0	52.2	52.6	53.0	53.5	53.8	54.3	55.0	55.2	55.4	55.5	53.06
49.72	49.70	49.75	49.95	50.27	50.38	50.60	50.87	51.07	51.27	51.30	51.31	50.42

HORIZONTAL FORCE.													
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.													
Mean Göttingen Time.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
SEPTEMBER.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
	1	53.4	53.0	52.1	52.9	53.2	53.5	53.5	53.8	—	53.9	53.9	53.3
	2	54.5	55.2	55.0	54.7	54.5	54.5	55.4	56.3	55.4	56.6	56.8	56.5
	3	52.8	52.0	53.2	53.6	—	55.0	55.2	55.5	56.2	57.1	57.1	55.2
	4	49.2	50.5	50.2	—	—	—	—	—	—	—	—	—
	5	—	—	—	54.3	53.3	51.9	52.1	53.6	54.8	52.5	54.3	54.2
	6	51.6	52.0	51.2	52.9	53.0	53.0	53.4	53.7	54.2	54.8	55.4	56.5
	7	51.3	51.5	51.5	52.6	54.2	54.2	54.0	54.0	53.8	54.8	54.9	54.6
	8	51.2	50.8	51.0	51.0	51.0	51.3	51.5	51.8	51.9	52.8	53.4	53.8
	9	53.8	61.5	50.6	48.0	47.1	51.5	51.6	53.5	53.4	53.2	51.9	51.3
	10	51.2	51.6	52.2	52.8	52.0	52.4	53.0	53.3	54.2	55.3	55.0	55.4
	11	51.1	53.3	51.7	—	—	—	—	—	—	—	—	—
	12	—	—	—	54.7	55.1	55.2	55.7	56.2	57.0	57.6	58.0	57.6
	13	48.8	45.5	50.8	41.9	48.8	50.8	51.3	48.0	—	49.2	49.4	48.7
	14	52.4	52.7	52.4	52.3	52.8	54.3	54.8	54.9	56.4	55.5	56.0	55.8
	15	52.7	52.8	52.7	52.5	52.4	52.4	52.7	52.8	—	53.3	52.7	51.1
	16	52.3	51.7	52.2	51.7	51.6	51.5	52.0	52.6	—	54.1	53.8	50.5
	17	45.2	44.9	46.4	47.2	—	—	—	—	—	47.7	47.8	47.1
	18	49.8	49.5	49.0	—	—	—	—	—	—	—	—	—
	19	—	—	—	51.3	51.0	50.3	50.6	50.9	51.3	52.0	52.7	51.9
	20	50.0	50.8	51.6	51.5	51.9	53.7	52.8	52.2	52.5	53.4	53.5	53.7
	21	50.5	50.9	51.2	51.2	51.3	51.1	51.2	51.3	—	51.5	51.8	50.6
	22	50.8	49.3	48.9	52.0	50.0	50.5	51.2	51.2	41.4	50.0	49.0	47.6
	23	48.8	48.0	50.6	46.8	47.5	53.7	46.9	47.4	47.3	48.8	47.3	46.5
	24	45.0	46.6	09.0	46.0	08.8	—	40.0	63.0	12.5	19.2	02.0	13.5
	25	38.2	38.2	38.2	—	—	—	—	—	—	—	—	—
	26	—	—	—	40.2	42.8	49.0	43.0	46.7	36.0	39.3	30.6	31.6
	27	59.4	24.5	22.9	02.1	20.2	33.7	31.0	30.5	34.8	35.8	36.2	37.8
	28	40.4	41.0	41.6	42.8	43.2	43.6	43.8	45.4	—	45.5	38.3	42.3
	29	46.7	47.7	47.8	51.2	51.3	53.5	58.0	50.2	40.6	38.7	33.4	25.6
30	47.4	47.9	48.0	47.9	48.2	47.9	48.1	47.5	—	49.3	49.1	48.0	
Hourly Means	49.94	48.98	47.38	48.31	47.72	51.18	46.51	47.45	48.54	49.69	48.24	48.10	
TEMPERATURE OF THE BIFILAR MAGNET.													
SEPTEMBER.	1	55.5	55.6	55.7	55.6	55.8	55.8	55.8	55.7	—	55.3	55.0	55.0
	2	53.6	53.5	53.4	53.2	53.0	52.9	52.8	52.7	52.6	52.5	52.4	52.3
	3	53.0	53.0	52.9	52.8	—	52.6	52.4	52.4	52.3	52.2	52.0	52.0
	4	54.8	54.8	54.8	—	—	—	—	—	—	—	—	—
	5	—	—	—	54.4	54.3	54.2	54.2	54.1	54.1	54.0	53.7	53.6
	6	55.0	54.8	54.6	54.3	54.3	54.0	53.6	53.3	53.2	53.0	52.7	52.5
	7	54.1	54.1	54.1	53.9	53.8	53.6	53.4	53.4	53.2	53.0	53.0	52.8
	8	57.8	57.6	57.4	57.2	57.0	56.8	56.7	56.5	56.3	56.1	55.7	55.5
	9	56.0	55.7	55.5	55.4	55.3	55.2	55.0	54.6	54.4	54.0	53.8	53.6
	10	54.2	54.2	54.2	54.2	54.2	54.2	54.0	52.0	54.2	54.1	54.1	54.0
	11	54.0	53.6	53.3	—	—	—	—	—	—	—	—	—
	12	—	—	—	49.4	49.3	49.2	49.1	49.0	48.8	48.6	48.4	48.4
	13	51.3	51.3	51.3	51.4	51.4	51.2	51.0	50.6	—	50.2	50.0	49.8
	14	51.4	51.4	51.2	51.0	50.8	50.7	50.6	50.5	50.4	50.3	50.3	50.1
	15	52.2	52.5	52.7	52.8	53.0	53.2	53.3	53.3	—	53.4	53.4	53.6
	16	56.3	56.4	56.5	56.5	56.6	56.6	56.6	56.6	—	56.7	56.7	56.8
	17	60.5	60.4	60.2	60.0	—	—	—	—	—	58.7	58.3	58.0
	18	57.5	57.3	57.3	—	—	—	—	—	—	—	—	—
	19	—	—	—	56.8	56.6	56.5	56.2	56.0	55.7	55.4	55.2	55.1
	20	57.0	56.8	56.4	56.0	55.5	55.1	54.8	54.6	54.2	54.0	53.8	53.5
	21	54.3	54.3	54.2	54.2	54.3	54.2	54.2	54.0	—	53.8	53.6	53.6
	22	56.1	56.0	55.9	55.7	55.5	55.2	55.2	55.0	54.8	54.6	54.5	54.6
	23	56.3	56.3	56.4	56.3	56.3	56.2	56.0	55.8	55.6	55.3	55.2	55.0
	24	54.4	54.1	54.0	54.2	54.2	—	54.0	53.8	53.6	53.6	53.4	53.2
	25	52.5	52.3	52.3	—	—	—	—	—	—	—	—	—
	26	—	—	—	51.9	51.8	51.7	51.5	51.2	51.2	51.3	51.2	51.3
	27	55.1	55.2	55.6	55.6	55.8	56.0	56.0	56.0	56.3	56.3	56.5	56.6
	28	56.2	56.2	56.0	55.6	55.4	55.2	54.8	54.4	—	53.8	53.6	53.2
	29	54.0	53.8	53.6	53.2	53.0	52.7	52.3	52.2	51.8	51.6	51.4	51.3
	30	50.8	50.8	50.7	50.6	50.6	50.6	50.5	50.4	—	50.0	50.0	50.0
Hourly Means	54.77	54.70	54.63	54.32	54.08	53.90	53.76	53.60	53.48	53.53	53.38	53.28	

HORIZONTAL FORCE.													
One Scale Division = '000217 parts of the H. F. Change in the magnetic moment of the Bar for 1° Fah'. = 000230.													
12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .	21 ^h .	22 ^h .	23 ^h .	Daily and Monthly Means.	
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
52.5	51.1	50.0	47.8	47.2	48.4	49.8	51.0	52.0	53.3	53.8	55.0	52.10	
55.7	53.5	50.3	48.8	48.3	50.0	51.0	52.8	53.7	53.0	53.1	53.0	53.69	
51.5	50.8	48.5	46.2	48.1	47.9	49.0	49.7	51.5	51.8	52.4	52.0	52.27	
—	—	—	—	—	—	—	—	—	—	—	—	—	
52.2	49.4	48.5	44.0	44.1	47.1	48.8	50.5	50.9	51.9	52.0	52.1	50.93	
55.6	54.5	50.2	47.0	46.7	47.7	49.5	50.8	52.4	52.2	52.0	52.6	52.20	
52.6	50.2	47.5	45.1	46.0	46.6	49.7	50.0	51.2	50.8	51.8	51.8	51.45	
52.7	51.2	48.2	47.6	47.0	47.6	48.0	49.1	50.6	51.0	51.2	52.1	50.74	
50.9	48.4	44.5	42.5	41.8	43.7	45.6	48.8	51.0	51.3	51.3	51.2	49.93	
53.2	51.6	48.2	43.9	45.0	47.5	49.5	50.3	50.0	48.8	49.3	51.7	51.14	
—	—	—	—	—	—	—	—	—	—	—	—	—	
55.7	52.5	55.0	50.3	51.7	56.5	56.4	52.7	53.4	51.2	49.5	48.1	54.01	
48.4	49.2	48.9	48.4	47.1	50.5	54.8	52.1	53.9	52.6	52.9	52.6	49.76	
53.0	51.0	50.4	48.6	49.1	50.2	50.6	52.6	52.0	52.6	53.0	52.9	52.76	
49.2	47.0	45.3	42.1	42.9	45.8	49.3	51.2	52.6	52.7	53.2	52.8	50.53	
—	49.4	46.7	45.3	44.8	47.0	44.1	46.7	46.1	47.1	44.6	44.9	49.12	
45.8	43.5	41.5	40.7	43.5	47.0	49.2	47.2	45.9	44.7	48.5	49.3	45.95	
—	—	—	—	—	—	—	—	—	—	—	—	—	
48.6	47.0	46.2	46.5	46.2	46.8	54.0	49.7	49.3	47.3	50.0	50.3	49.67	
52.5	49.8	45.8	43.0	42.1	44.1	49.4	50.7	50.7	50.7	49.2	50.3	50.25	
47.9	45.9	44.6	44.6	47.0	49.6	51.2	51.4	51.8	51.7	51.8	51.8	50.08	
46.2	42.5	41.8	43.5	47.0	50.3	51.9	52.7	51.3	48.6	51.3	51.0	49.17	
43.1	42.2	41.6	40.8	47.0	44.5	44.0	44.2	48.1	43.3	39.2	41.3	45.79	
14.5	21.4	18.0	26.3	27.3	30.7	34.1	36.0	37.4	37.6	37.1	38.0	20.17	
—	—	—	—	—	—	—	—	—	—	—	—	—	
—	30.5	36.5	31.2	30.5	39.0	43.0	31.5	39.2	44.8	49.5	61.0	37.94	
37.5	36.0	34.0	36.0	36.0	27.7	37.9	38.0	38.3	39.0	39.1	39.8	33.67	
37.1	26.8	34.4	37.8	40.0	41.6	40.8	46.5	44.7	44.5	45.0	45.6	41.42	
31.0	27.0	26.0	33.0	30.0	35.1	42.0	44.9	47.1	47.0	47.5	47.6	41.79	
46.1	48.0	42.3	40.7	42.7	44.8	47.8	51.1	48.8	49.9	50.5	50.2	47.49	
45.34	45.01	43.65	42.76	43.43	45.29	47.74	48.16	48.99	48.82	49.18	49.96	47.50	

TEMPERATURE OF THE BIFILAR MAGNET.												
55.0	54.8	54.7	54.6	54.6	54.4	54.2	54.2	54.0	54.0	53.8	53.6	54.90
52.4	52.2	52.2	52.2	52.1	52.2	52.5	52.8	52.8	53.0	53.0	53.0	52.72
52.0	52.1	52.2	52.4	52.7	53.2	53.6	53.9	54.3	54.4	54.5	54.6	52.93
—	—	—	—	—	—	—	—	—	—	—	—	—
53.5	53.5	53.7	54.2	54.2	54.2	54.4	54.8	54.8	55.1	55.0	55.0	54.31
52.2	52.0	52.0	52.1	52.3	52.7	52.8	53.4	53.8	54.0	54.2	54.2	53.37
52.9	53.1	53.4	53.9	54.5	55.0	55.6	56.4	56.7	57.0	57.2	57.5	54.40
55.4	55.0	55.4	55.6	55.7	55.8	56.0	56.1	56.1	56.3	56.2	56.0	56.25
53.4	53.2	53.2	53.1	53.2	53.3	53.5	53.8	54.0	54.2	54.3	54.1	54.24
54.0	54.0	54.2	54.2	54.2	54.4	54.4	54.5	54.5	54.4	54.3	54.2	54.20
—	—	—	—	—	—	—	—	—	—	—	—	—
48.2	48.3	48.5	49.2	49.6	50.0	50.2	50.5	50.7	51.1	51.2	51.3	49.99
49.7	49.7	49.7	49.9	50.0	50.4	50.6	51.0	51.0	51.4	51.4	51.5	50.69
50.0	50.0	50.0	50.0	50.0	50.2	50.3	50.7	51.0	51.5	51.8	52.0	50.67
53.6	53.7	53.8	54.0	54.4	54.7	55.1	55.4	55.6	56.0	56.0	56.2	53.99
—	57.3	57.8	58.3	58.8	59.2	59.7	60.2	60.4	60.6	60.7	60.6	58.00
57.8	57.8	57.8	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.8	57.8	58.43
—	—	—	—	—	—	—	—	—	—	—	—	—
55.2	55.2	55.5	55.8	56.2	56.6	56.8	57.0	57.2	57.4	57.2	57.0	56.36
53.6	53.2	53.1	53.2	53.2	53.3	53.7	53.8	53.9	54.2	54.1	54.1	54.38
53.6	53.7	53.8	53.8	54.2	54.4	54.6	55.1	55.2	55.7	55.7	55.8	54.36
54.8	55.0	55.0	55.0	55.1	55.2	55.2	55.4	55.7	55.8	56.0	56.2	55.31
54.8	54.6	54.6	54.6	54.7	54.5	54.5	54.8	54.8	54.8	54.7	54.5	55.27
53.1	53.1	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.0	52.9	52.7	53.48
—	—	—	—	—	—	—	—	—	—	—	—	—
51.1	51.5	51.8	52.2	52.5	52.8	53.2	53.8	54.0	54.4	55.0	55.0	52.40
56.7	56.8	57.0	57.0	57.3	57.3	57.3	57.2	57.2	56.9	56.7	56.5	56.45
53.2	53.2	53.2	53.3	53.5	53.8	53.8	54.2	54.6	54.4	54.4	54.0	54.35
51.0	50.8	50.6	50.6	50.7	50.6	50.6	50.6	50.6	50.7	50.7	50.8	51.63
50.0	50.0	50.1	50.2	50.5	50.8	51.2	51.5	51.7	52.0	52.2	52.3	50.76
53.09	53.22	53.32	53.47	53.66	53.85	54.04	54.32	54.45	54.62	54.65	54.63	54.00

HORIZONTAL FORCE.													
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah° = '000230.													
Mean Göttingen Time.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
OCTOBER.	1	49.9	50.5	49.8	50.6	50.4	50.5	50.2	51.0	51.1	51.0	50.3	47.2
	2	51.2	51.6	50.6	—	—	—	—	—	—	—	—	—
	3	—	—	—	52.1	52.1	52.5	52.4	52.7	52.3	52.2	52.0	51.2
	4	53.9	53.8	54.8	54.7	55.0	55.4	55.6	56.0	56.8	57.2	56.3	54.6
	5	56.2	56.0	55.8	55.5	55.0	54.9	55.8	56.0	56.7	55.0	53.9	53.7
	6	52.1	52.6	51.8	52.0	51.8	52.0	52.3	52.3	52.4	52.5	51.8	49.8
	7	50.8	50.8	50.8	51.8	—	52.4	53.2	54.0	54.2	54.5	54.0	51.8
	8	48.6	47.2	48.0	49.4	52.7	52.2	51.0	52.5	51.9	53.6	55.5	52.7
	9	48.7	48.0	47.8	—	—	—	—	—	—	—	—	—
	10	—	—	—	47.5	48.0	48.4	48.5	49.0	49.7	48.1	48.2	47.0
	11	47.7	48.3	48.4	48.6	48.8	48.8	49.3	49.9	50.8	51.2	48.5	45.7
	12	49.7	49.7	51.2	51.5	50.7	50.6	51.4	51.2	51.0	50.4	51.9	48.5
	13	42.8	49.5	44.3	33.6	31.5	37.2	40.7	42.7	—	45.3	42.0	39.9
	14	48.0	47.2	48.6	50.2	—	49.2	47.7	48.7	49.2	49.5	50.1	50.0
	15	45.8	45.2	45.8	49.5	50.6	47.3	48.5	47.8	49.0	49.8	51.0	48.2
	16	49.2	47.2	48.7	—	—	—	—	—	—	—	—	—
	17	—	—	—	48.0	47.2	46.2	47.5	48.3	48.7	49.4	49.0	48.2
	18	43.3	43.3	44.0	44.7	41.1	46.6	44.4	45.5	46.6	47.8	50.1	48.0
	19	48.1	51.1	49.0	53.1	—	—	50.1	48.0	47.7	48.2	48.8	46.3
	20	48.6	48.3	48.3	49.5	48.3	48.8	49.2	48.8	49.3	50.2	49.9	46.2
	21	49.0	49.2	49.7	49.6	49.6	50.7	51.7	52.0	52.6	53.3	51.5	50.2
	22	51.5	51.0	52.1	50.1	51.2	52.3	52.5	52.8	53.8	56.5	59.4	52.8
	23	43.0	30.0	^a —	—	—	—	—	—	—	—	—	—
	24	—	—	—	40.5	38.8	33.4	20.0	22.2	28.0	32.4	28.2	98.0
	25	28.0	31.4	32.4	45.6	14.5	23.7	29.5	26.5	18.4	27.3	31.6	34.8
	26	40.5	40.0	40.0	40.0	40.8	41.5	42.7	41.8	—	43.6	44.7	42.9
	27	46.0	46.2	45.8	45.8	—	45.8	45.7	46.2	47.4	48.8	47.3	46.4
	28	48.0	48.1	47.9	47.5	—	47.8	48.0	48.6	49.0	—	49.5	45.8
	29	56.2	55.7	52.4	49.7	48.3	49.2	49.5	48.5	49.6	48.7	47.1	46.0
	30	48.3	47.2	46.8	—	—	—	—	—	—	—	—	—
	31	—	—	—	47.9	46.2	44.4	45.6	46.3	46.4	46.8	45.3	42.2
Hourly Means	47.89	47.66	48.19	48.38	46.31	47.27	47.42	47.66	48.44	48.93	48.76	45.69	
TEMPERATURE OF THE BIFILAR MAGNET.													
OCTOBER.	1	52.3	52.4	52.3	52.2	52.0	52.0	51.8	51.6	51.4	51.2	51.0	51.0
	2	52.4	52.2	52.2	—	—	—	—	—	—	—	—	—
	3	—	—	—	52.0	52.2	52.2	52.1	52.0	52.0	51.8	51.8	51.8
	4	51.0	50.8	50.5	50.3	50.0	49.8	49.6	49.4	49.2	49.0	48.8	48.8
	5	50.4	50.4	50.4	50.2	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.5	53.4	53.4	53.4	53.2
	7	55.6	55.6	55.4	55.3	—	54.8	54.6	54.5	54.2	54.0	54.0	53.9
	8	57.2	57.0	56.8	56.6	56.5	56.2	55.9	55.7	55.6	55.4	55.2	55.3
	9	61.7	61.7	61.7	—	—	—	—	—	—	—	—	—
	10	—	—	—	60.6	60.4	60.0	59.8	59.4	59.0	58.8	58.5	58.3
	11	59.6	59.6	59.5	59.2	59.0	58.9	58.7	58.6	58.5	58.3	58.3	58.2
	12	59.0	58.8	58.6	58.2	58.0	57.7	57.5	57.2	56.8	56.4	56.0	55.8
	13	55.3	55.2	55.1	55.1	54.8	54.6	54.6	54.3	—	53.6	53.3	53.1
	14	55.0	55.0	54.8	54.6	—	54.0	53.7	53.5	53.3	53.2	53.0	52.7
	15	53.4	53.4	53.2	53.0	52.9	52.8	52.4	52.2	52.0	51.6	51.2	51.0
	16	54.2	54.0	54.0	—	—	—	—	—	—	—	—	—
	17	—	—	—	56.2	56.2	56.2	56.2	56.5	56.5	56.6	56.7	57.0
	18	59.8	59.5	59.3	59.0	58.6	58.3	58.0	57.7	57.4	57.0	56.8	56.8
	19	58.3	58.2	58.0	57.8	—	—	57.2	57.0	56.8	56.8	56.8	56.7
	20	57.8	57.8	57.6	57.6	57.5	57.3	57.3	57.3	57.3	57.2	57.1	57.0
	21	56.8	56.6	56.4	56.2	56.2	55.8	55.6	55.4	55.2	55.0	55.0	55.0
	22	55.0	54.8	54.6	54.3	54.0	53.8	53.6	53.4	53.2	53.0	52.8	52.8
	23	53.0	53.2	—	—	—	—	—	—	—	—	—	—
	24	—	—	—	53.2	53.2	53.2	53.2	53.2	53.2	53.0	53.0	53.0
	25	56.0	56.0	55.8	55.8	55.7	55.7	55.7	55.7	55.7	55.6	55.5	55.5
	26	58.6	58.8	58.6	58.4	58.3	58.0	57.8	57.8	—	57.2	57.0	56.6
	27	56.7	56.5	56.3	56.3	—	56.0	55.7	55.5	55.2	55.0	55.0	54.8
	28	56.4	56.4	56.4	56.3	—	56.2	56.0	56.0	56.0	—	55.8	55.8
	29	55.6	55.6	55.4	55.4	55.3	54.8	54.5	54.7	55.2	55.0	55.0	55.0
	30	58.7	58.8	58.8	—	—	—	—	—	—	—	—	—
	31	—	—	—	63.0	63.0	63.0	62.8	62.6	62.7	62.3	62.0	62.0
Hourly Means	55.90	55.85	55.82	55.80	55.60	55.40	55.31	55.18	54.99	54.82	54.72	54.66	

^a Out of the field.

HORIZONTAL FORCE.												
One Scale Division = .000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah. = .000230.												
12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div. 47.3	Sc. Div. 44.6	Sc. Div. 41.4	Sc. Div. 41.6	Sc. Div. 41.6	Sc. Div. 44.4	Sc. Div. 48.2	Sc. Div. 51.8	Sc. Div. 51.6	Sc. Div. 50.7	Sc. Div. 50.5	Sc. Div. 51.8	Sc. Div. 48.67
—	—	—	—	—	—	—	—	—	—	—	—	50.84
50.0	47.3	44.9	44.2	46.2	49.1	51.6	52.0	52.0	52.7	53.4	53.9	53.70
51.8	49.8	47.6	48.2	49.5	51.2	51.8	53.8	55.0	55.1	54.7	56.3	52.84
51.0	49.9	46.3	45.6	46.2	48.5	51.6	52.0	52.8	53.0	53.5	53.2	50.17
47.7	45.2	44.2	45.6	46.4	48.0	49.5	50.4	51.4	50.4	51.4	50.6	51.40
49.0	46.2	45.0	45.3	47.2	54.2	53.0	55.8	59.7	46.8	49.6	52.1	49.20
47.7	44.2	45.5	47.6	44.7	45.8	45.7	49.0	49.1	48.7	48.9	48.7	46.59
—	—	—	—	—	—	—	—	—	—	—	—	46.87
43.3	40.6	38.4	38.0	41.2	47.2	48.2	48.8	49.0	48.3	48.3	47.9	49.62
41.8	38.4	37.5	38.0	43.0	46.4	48.0	49.1	49.2	49.0	49.4	49.2	41.72
45.2	42.9	41.9	45.5	46.7	51.2	55.3	52.4	52.4	53.5	44.8	51.2	48.50
38.5	34.4	34.1	36.1	40.0	42.6	45.6	46.8	47.8	48.2	47.8	48.2	48.30
47.4	41.8	43.8	43.0	47.3	49.3	51.2	49.6	51.2	54.1	51.0	47.4	46.32
43.7	41.4	44.0	45.6	47.5	49.6	51.9	54.1	49.1	48.9	51.7	53.1	45.75
—	—	—	—	—	—	—	—	—	—	—	—	46.95
46.7	43.4	40.9	42.3	42.0	46.0	48.8	45.2	49.0	45.5	43.2	41.2	46.28
45.5	40.8	39.0	39.2	42.7	46.9	51.2	52.1	48.4	50.0	48.2	48.5	49.45
45.3	43.1	40.7	38.2	40.7	43.2	47.6	48.5	49.4	49.0	48.4	48.4	53.88
39.8	36.8	34.2	36.3	40.2	44.8	47.6	49.5	48.3	49.6	50.0	49.3	34.91
45.5	41.8	40.8	43.2	46.2	49.1	50.2	51.1	52.2	52.3	52.5	52.8	33.03
46.7	44.8	43.8	42.3	56.5	55.2	59.2	63.4	60.8	63.0	64.2	57.2	41.99
—	—	—	—	—	—	—	—	—	—	—	—	45.66
84.0	16.3	13.7	36.5	50.0	67.3	51.6	71.6	88.7	38.5	43.4	26.8	47.44
32.8	29.9	28.4	31.2	35.0	40.9	41.7	41.5	43.1	42.2	41.2	41.2	47.90
39.8	37.6	40.6	38.0	38.5	40.8	43.8	45.8	45.5	45.4	45.3	46.2	45.05
43.3	40.5	40.2	38.7	42.4	44.9	49.9	45.8	49.4	47.8	48.6	48.0	47.07
43.9	38.6	42.6	42.3	44.8	48.5	47.4	50.9	52.9	51.2	51.2	49.2	—
42.3	40.0	40.0	42.2	46.2	47.8	48.9	49.0	48.3	49.4	48.5	46.2	—
—	—	—	—	—	—	—	—	—	—	—	—	—
38.0	35.3	39.0	41.0	44.0	44.7	46.8	47.2	47.5	47.0	48.6	48.7	—
42.23	40.60	39.94	41.37	44.49	47.98	49.47	51.04	52.07	49.63	49.55	48.74	47.07

TEMPERATURE OF THE BIFILAR MAGNET.												
51.0	51.0	51.1	51.3	51.3	51.7	52.0	52.3	52.6	52.8	52.6	52.6	51.81
—	—	—	—	—	—	—	—	—	—	—	—	51.90
51.8	51.7	51.9	51.8	52.0	52.0	51.9	51.8	51.7	51.6	51.4	51.0	49.62
48.8	48.8	48.8	49.0	49.0	49.4	49.6	49.8	50.0	50.0	50.2	50.4	50.82
50.0	50.0	50.2	50.4	50.8	51.2	51.8	52.1	52.7	52.8	53.0	53.3	54.20
53.4	53.7	54.0	54.1	54.6	55.0	55.3	55.4	55.6	55.6	55.6	55.6	55.32
54.0	54.3	54.6	55.2	55.4	55.8	56.2	56.5	57.0	57.0	57.0	57.2	57.15
55.2	55.5	56.0	56.6	57.0	57.8	58.6	59.1	59.9	60.3	61.0	61.3	59.49
—	—	—	—	—	—	—	—	—	—	—	—	58.71
58.3	58.3	58.3	58.5	58.8	59.0	59.0	59.2	59.6	59.6	59.6	59.6	56.45
58.0	58.0	57.8	58.0	58.0	58.3	58.8	59.0	59.1	59.3	59.2	59.2	54.37
55.8	55.5	55.3	55.2	55.3	55.3	55.4	55.4	55.5	55.5	55.3	55.3	53.47
53.1	53.2	53.3	53.4	54.0	54.2	54.8	55.0	55.0	55.2	55.2	55.0	52.57
52.6	52.6	52.8	52.8	53.0	53.0	53.1	53.2	53.3	53.5	53.5	53.6	57.70
51.0	51.1	51.4	51.7	52.2	52.5	53.0	53.4	53.7	54.0	54.2	54.3	57.89
—	—	—	—	—	—	—	—	—	—	—	—	57.21
57.4	58.0	58.8	59.4	59.8	60.2	60.3	60.3	60.3	60.0	60.0	59.8	57.15
56.7	56.8	56.8	57.2	57.4	57.5	57.6	57.9	58.2	58.2	58.2	58.2	55.53
56.6	56.6	56.6	56.7	56.8	57.0	57.0	57.2	57.4	57.6	57.8	57.8	53.39
56.9	56.8	56.8	56.8	56.8	56.8	56.8	57.0	57.2	57.0	57.0	56.8	54.08
55.0	55.0	55.0	55.2	55.4	55.5	55.5	55.5	55.5	55.4	55.3	55.2	56.51
53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	57.20
—	—	—	—	—	—	—	—	—	—	—	—	55.62
53.0	53.4	54.0	54.8	55.0	55.3	55.4	55.6	55.7	55.9	56.0	56.1	55.90
55.6	55.7	56.2	56.4	56.8	57.2	57.6	57.8	58.2	58.6	58.6	58.8	55.95
56.6	56.4	56.2	56.2	56.2	56.3	56.5	56.5	56.7	57.1	57.0	56.8	61.02
54.8	54.8	54.7	54.8	55.1	55.4	55.8	55.8	56.1	56.3	56.4	56.4	—
56.0	55.8	55.7	55.6	55.6	55.6	55.6	55.6	55.6	55.8	55.6	55.8	—
55.0	55.0	55.2	55.6	56.2	56.7	57.0	57.3	57.8	58.2	58.5	58.7	—
—	—	—	—	—	—	—	—	—	—	—	—	—
62.0	61.6	61.3	61.0	60.6	60.4	60.2	60.0	59.8	59.6	59.4	59.0	—
54.68	54.72	54.84	55.03	55.23	55.46	55.68	55.83	56.05	56.15	56.18	56.18	55.42

HORIZONTAL FORCE.													
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.													
Mean Götting- gen Time. }	0 ^h .	1 ^h .	2 ^h .	3 ^h .	4 ^h .	5 ^h .	6 ^h .	7 ^h .	8 ^h .	9 ^h .	10 ^h .	11 ^h .	
NOVEMBER.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
	1	51.1	47.6	41.8	42.2	42.4	44.2	46.5	45.2	47.2	46.3	44.1	34.1
	2	42.6	43.5	44.0	44.7	43.9	45.2	45.7	47.4	48.2	46.5	43.9	41.0
	3	46.5	43.8	43.9	42.4	—	43.2	44.5	45.0	46.4	45.0	43.7	42.0
	4	46.5	49.6	49.0	48.5	48.4	48.1	48.6	49.1	49.0	49.0	48.1	47.1
	5	55.5	55.0	54.4	53.2	53.4	53.3	54.3	54.9	55.4	55.0	53.3	51.1
	6	53.2	53.8	53.8	—	—	—	—	—	—	—	—	—
	7	—	—	—	52.8	51.9	51.6	53.0	52.0	52.9	53.0	51.1	48.9
	8	48.0	51.4	47.0	46.6	48.5	48.2	49.4	50.6	50.5	50.8	49.1	46.2
	9	52.8	52.2	52.6	55.5	—	50.2	50.4	51.0	52.7	51.6	51.4	48.8
	10	51.0	50.2	51.8	53.0	50.3	52.0	53.2	51.2	50.9	52.3	52.7	51.3
	11	51.0	50.2	49.8	49.0	48.8	49.9	49.4	50.3	51.5	51.7	51.7	49.4
	12	50.2	49.4	47.8	47.6	—	50.4	51.2	52.0	51.7	51.8	53.0	49.7
	13	47.5	48.0	48.9	—	—	—	—	—	—	—	—	—
	14	—	—	—	52.5	48.9	46.2	47.6	47.0	48.6	49.2	48.4	45.8
	15	47.1	47.1	47.5	48.0	49.2	50.4	50.2	50.0	51.3	51.8	49.4	46.5
	16	50.0	49.6	52.6	54.7	47.0	48.5	50.0	53.0	—	50.2	49.1	45.8
	17	50.8	50.5	50.5	50.2	50.3	50.8	50.4	50.9	—	53.2	50.9	46.8
	18	51.7	51.5	54.8	51.4	51.0	49.8	49.2	50.0	50.7	51.5	51.2	45.2
	19	49.7	50.4	50.4	50.4	50.4	51.0	50.6	—	56.4	49.7	31.2	56.9
	20	49.7	51.3	39.8	—	—	—	—	—	—	—	—	—
	21	—	—	—	47.0	47.0	46.9	47.2	47.6	48.9	49.0	48.2	45.6
	22	50.4	50.4	52.6	47.6	49.5	67.5	62.0	56.4	55.0	40.2	45.7	41.2
	23	36.1	36.0	36.9	37.0	36.4	39.1	37.0	38.7	39.4	40.6	40.2	36.9
	24	40.6	40.3	40.1	41.1	41.4	41.2	40.7	42.0	41.3	42.7	42.3	39.0
	25	47.0	47.0	47.2	42.0	40.0	37.9	44.2	41.2	41.6	33.4	22.0	22.8
	26	38.0	38.0	34.5	37.3	—	40.3	41.1	41.9	44.2	44.0	40.2	37.3
	27	43.6	43.1	43.8	—	—	—	—	—	—	—	—	—
	28	—	—	—	48.2	47.3	49.0	48.4	49.2	—	51.4	50.6	46.4
	29	48.7	48.5	48.5	48.4	49.1	49.9	50.8	50.3	50.7	51.3	51.6	48.5
30	50.0	50.0	49.5	50.4	50.4	50.8	51.2	50.6	52.8	52.2	50.5	49.7	
Hourly Means	48.05	48.01	47.44	47.76	47.66	48.29	48.72	48.70	49.45	48.19	46.68	44.77	
TEMPERATURE OF THE BIFILAR MAGNET.													
NOVEMBER.	1	58.8	58.6	58.2	58.0	57.7	57.2	56.8	56.7	56.4	56.3	55.8	55.6
	2	58.7	58.5	58.5	58.2	58.0	57.7	57.4	57.2	57.0	56.8	56.6	56.4
	3	59.2	59.3	59.4	59.5	—	59.4	59.5	59.4	59.5	59.5	59.5	59.8
	4	58.8	58.6	58.2	57.8	57.4	57.0	56.6	56.3	55.6	55.3	54.7	54.3
	5	52.8	52.6	52.2	52.0	51.8	51.8	51.7	51.5	51.3	51.2	51.1	51.0
	6	52.4	52.4	52.4	—	—	—	—	—	—	—	—	—
	7	—	—	—	54.2	54.2	54.1	54.1	54.0	54.2	54.1	54.1	54.1
	8	57.7	57.4	57.0	56.9	56.6	56.3	55.9	55.5	55.0	54.6	54.4	54.0
	9	55.0	55.0	54.8	54.7	—	54.5	54.4	54.2	54.0	54.0	53.8	53.8
	10	55.8	55.6	55.2	55.0	55.0	54.8	54.5	54.5	54.3	54.2	54.0	54.0
	11	55.8	55.8	55.7	55.7	55.6	55.2	55.0	54.7	54.2	54.0	53.6	53.6
	12	57.8	57.8	57.7	57.6	—	57.2	56.8	56.4	56.2	56.0	55.7	55.7
	13	61.8	62.0	62.0	—	—	—	—	—	—	—	—	—
	14	—	—	—	62.2	61.8	61.5	61.3	61.0	60.8	60.5	60.0	60.0
	15	60.7	60.4	60.3	60.0	59.4	59.0	58.8	58.6	58.0	57.7	57.3	57.3
	16	57.0	57.0	57.0	56.8	56.7	56.5	56.2	56.2	—	55.7	55.4	55.3
	17	56.8	56.8	56.6	56.5	56.3	56.3	56.1	56.0	—	55.2	55.0	55.0
	18	58.3	58.3	58.4	58.5	58.6	58.6	58.6	58.4	58.3	58.2	58.1	58.0
	19	59.2	59.0	58.8	58.6	58.3	58.0	58.0	—	57.5	57.2	56.7	56.7
	20	56.2	56.2	56.2	—	—	—	—	—	—	—	—	—
	21	—	—	—	57.6	57.6	57.6	57.6	57.8	57.7	57.5	57.7	57.8
	22	60.0	60.0	59.8	59.6	59.3	59.0	59.0	59.0	59.1	59.0	59.0	59.0
	23	59.7	59.4	59.1	58.9	58.6	58.4	58.2	57.9	57.6	57.4	57.0	57.0
	24	60.3	60.3	60.3	60.3	60.2	60.0	59.8	59.8	59.5	59.4	59.2	59.2
	25	60.7	60.5	60.3	60.2	60.0	59.4	59.2	58.9	58.6	58.3	58.2	58.0
	26	59.0	59.0	58.9	58.8	—	58.7	58.2	58.2	57.8	57.8	57.8	57.8
	27	61.9	61.7	61.6	—	—	—	—	—	—	—	—	—
	28	—	—	—	58.8	58.6	58.8	58.6	58.3	—	58.3	58.2	58.1
	29	59.2	59.0	58.9	58.7	58.4	58.2	58.0	57.7	57.7	57.3	57.2	57.2
	30	58.7	58.4	58.2	58.0	57.5	57.2	56.8	56.7	56.3	56.0	55.8	55.6
Hourly Means	58.17	58.06	57.91	57.81	57.63	57.40	57.20	56.99	56.81	56.60	56.37	56.32	

HORIZONTAL FORCE.

One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah' = '000230.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div. 32.5	Sc. Div. 31.9	Sc. Div. 33.3	Sc. Div. 41.5	Sc. Div. 41.2	Sc. Div. 40.2	Sc. Div. 43.2	Sc. Div. 42.5	Sc. Div. 40.3	Sc. Div. 42.0	Sc. Div. 43.2	Sc. Div. 42.4	Sc. Div. 42.29
36.8	34.8	36.4	39.2	43.4	46.9	48.2	51.1	47.6	45.1	44.3	45.2	43.98
38.0	35.2	34.8	36.0	38.0	44.0	47.2	46.0	45.8	47.0	47.8	46.5	43.16
45.1	43.7	43.0	42.7	45.2	47.3	49.2	49.5	52.0	53.3	53.4	53.6	48.29
49.0	46.3	45.2	46.2	51.7	58.3	54.1	54.2	58.6	57.5	51.0	52.4	53.05
—	—	—	—	—	—	—	—	—	—	—	—	—
45.8	43.7	41.9	45.3	48.8	51.0	49.4	46.9	58.2	51.0	51.0	48.8	50.53
43.0	41.0	39.5	41.4	47.3	50.4	52.1	54.5	54.9	53.7	53.3	52.1	48.73
47.4	47.6	42.1	43.5	46.2	47.9	50.8	51.2	50.8	51.0	51.7	52.3	50.07
43.0	39.4	41.7	46.0	49.4	49.8	50.6	54.2	51.3	51.9	51.9	50.2	49.97
46.7	42.7	42.8	43.7	47.8	49.2	48.6	52.0	51.8	51.2	51.4	50.6	49.22
45.2	42.2	38.5	41.6	44.2	48.5	48.8	49.0	50.2	51.5	49.3	48.4	48.36
—	—	—	—	—	—	—	—	—	—	—	—	—
42.6	39.7	41.0	39.8	42.8	44.8	47.5	52.3	50.3	47.6	46.2	50.3	46.81
43.6	42.0	41.1	42.3	47.8	52.4	54.8	54.0	53.8	54.6	55.3	53.3	49.31
40.7	40.2	37.5	39.0	40.5	43.3	48.4	49.2	51.8	53.2	51.7	51.2	47.70
43.0	38.8	40.2	44.0	47.6	49.7	47.7	50.4	52.0	51.7	49.0	51.9	48.75
43.0	41.3	41.4	41.9	47.3	48.2	51.5	50.3	51.7	51.0	48.9	49.7	48.92
51.5	42.5	42.1	38.0	43.6	44.7	49.6	51.4	53.8	52.8	51.5	52.6	48.75
—	—	—	—	—	—	—	—	—	—	—	—	—
42.0	39.0	37.7	39.8	43.5	46.9	51.5	50.8	52.3	49.9	51.3	51.1	46.83
41.0	35.4	38.1	34.1	25.0	19.8	41.9	42.0	33.3	35.2	32.6	35.0	43.00
32.8	28.7	28.5	32.1	34.5	36.4	38.7	38.2	38.1	39.6	40.7	40.8	36.81
32.1	34.2	36.7	36.2	38.8	42.8	38.8	47.4	45.5	39.5	46.2	44.5	40.64
21.8	21.7	24.3	25.5	36.4	40.0	43.8	50.9	54.5	35.0	41.6	39.2	37.54
31.0	27.8	26.3	32.4	38.5	42.0	42.2	44.0	44.3	46.3	45.0	45.0	39.20
—	—	—	—	—	—	—	—	—	—	—	—	—
41.9	39.4	38.2	38.2	40.2	43.7	46.7	47.6	48.0	48.0	—	48.5	45.52
45.4	42.9	41.0	44.2	46.9	49.1	49.9	52.0	50.6	50.0	50.2	49.9	48.68
45.5	42.7	42.9	47.4	51.4	53.2	54.0	54.0	56.0	55.5	55.4	52.6	50.78
41.17	38.64	38.51	40.08	43.50	45.79	48.05	49.41	49.90	48.66	48.56	48.39	46.42

TEMPERATURE OF THE BIFILAR MAGNET.

55.6	55.8	55.8	56.0	56.7	56.7	57.2	57.5	58.0	58.4	58.5	58.8	57.13
56.3	56.2	56.3	56.8	57.1	57.3	57.6	58.0	58.2	58.4	58.7	59.0	57.54
59.7	59.7	59.6	59.6	59.4	59.2	59.2	59.2	59.2	59.2	59.0	59.0	59.40
54.0	53.8	53.6	53.6	53.6	53.5	53.5	53.4	53.4	53.3	53.2	53.1	55.21
51.0	51.0	51.0	51.0	51.2	51.4	51.7	51.9	52.0	52.3	52.3	52.4	51.68
—	—	—	—	—	—	—	—	—	—	—	—	—
54.2	54.5	55.0	55.4	55.8	56.7	57.0	57.3	57.6	57.8	57.8	57.8	55.05
54.0	53.8	53.8	53.8	53.8	53.9	54.0	54.2	54.4	54.9	55.0	55.1	55.08
53.7	53.8	54.0	54.3	54.5	54.8	55.0	55.5	55.8	55.8	55.8	55.8	54.65
54.0	54.0	54.5	54.8	55.0	55.3	55.5	55.7	55.8	55.9	55.8	55.8	54.96
53.6	53.8	54.3	54.8	55.3	55.8	56.3	56.7	57.2	57.4	57.6	57.8	55.40
55.7	56.0	56.3	57.0	57.5	58.0	59.0	59.6	60.2	60.8	61.4	61.8	57.75
—	—	—	—	—	—	—	—	—	—	—	—	—
59.8	59.8	59.8	60.2	60.4	60.7	61.0	61.1	61.2	61.2	61.1	60.7	60.91
57.0	56.7	56.6	56.8	56.8	56.8	56.8	57.0	57.0	57.0	57.2	57.2	57.93
55.4	55.4	55.6	55.8	56.0	56.0	56.2	56.5	56.7	56.8	56.8	56.8	56.25
55.0	55.0	55.2	55.7	56.0	56.4	56.7	57.1	57.3	57.6	57.8	58.1	56.28
58.3	58.6	59.2	59.5	59.8	60.0	60.0	60.0	60.0	59.8	59.6	59.4	58.94
56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.5	56.5	56.3	56.3	57.24
—	—	—	—	—	—	—	—	—	—	—	—	—
58.0	58.2	58.5	59.0	59.4	59.6	60.0	60.2	60.5	60.4	60.4	60.2	58.41
59.0	59.0	59.2	59.3	59.7	60.0	60.0	60.1	60.0	60.2	60.1	60.0	59.52
57.0	57.0	57.2	57.4	57.8	58.2	58.6	59.2	59.7	59.8	60.2	60.3	58.40
59.4	59.6	59.7	60.0	60.2	60.3	60.5	60.6	60.8	60.8	60.8	60.8	60.07
58.0	58.0	58.0	58.3	58.5	58.7	59.0	59.0	59.0	59.0	59.2	59.1	59.00
58.0	58.2	58.7	59.0	59.5	60.2	60.5	61.0	61.7	61.8	61.9	61.9	59.32
—	—	—	—	—	—	—	—	—	—	—	—	—
58.0	58.2	58.2	58.5	58.7	58.9	59.0	59.2	59.3	59.4	—	59.2	59.08
57.0	57.0	57.2	57.5	57.8	58.2	58.4	58.7	58.9	59.0	59.0	59.0	58.13
55.4	55.4	55.3	55.2	55.2	55.0	54.8	54.8	54.8	54.7	54.8	54.3	56.04
56.30	56.35	56.51	56.76	57.01	57.24	57.47	57.70	57.89	58.01	58.01	58.07	57.28

HORIZONTAL FORCE.												
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.												
Mean Göttingen Time. } DECEMBER.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.
	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
1	54.7	54.8	55.0	54.8	—	55.4	55.0	59.2	63.3	60.1	58.2	54.0
2	58.7	54.7	54.4	54.1	55.8	51.8	53.5	51.3	54.0	54.3	40.2	39.5
3	46.5	47.6	48.2	48.7	47.0	47.5	47.8	47.0	46.6	46.4	45.0	42.7
4	47.8	48.0	44.0	—	—	—	—	—	—	—	—	—
5	—	—	—	44.2	44.4	44.9	45.8	46.7	47.7	48.2	46.7	42.5
6	46.5	46.4	46.9	46.7	46.2	47.0	47.5	48.2	48.6	48.0	45.6	42.8
7	47.5	46.2	45.8	45.8	46.0	46.0	46.9	47.2	47.1	45.6	45.5	45.0
8	35.8	40.0	39.7	40.0	—	39.2	38.0	39.0	39.8	40.0	41.0	37.8
9	39.5	39.5	40.5	45.0	44.3	42.5	39.0	39.2	40.3	41.1	39.8	38.6
10	46.3	—	46.5	46.3	47.0	43.5	42.0	41.8	43.4	43.9	39.5	35.4
11	39.3	39.0	39.0	—	—	—	—	—	—	—	—	—
12	—	—	—	42.7	44.8	45.2	45.8	43.0	42.5	44.7	44.6	42.7
13	48.2	47.7	49.5	51.8	44.2	48.3	47.2	48.1	—	47.7	48.6	46.2
14	46.0	45.7	45.0	44.8	45.1	44.3	44.7	44.4	44.8	45.0	45.5	41.8
15	47.5	47.2	46.8	47.7	47.5	47.0	46.5	47.8	48.1	47.9	45.7	43.3
16	47.3	—	46.8	47.3	47.9	48.2	48.2	49.5	50.5	50.7	47.8	48.8
17	63.0	50.7	48.8	63.0	32.5	30.3	—	18.0	19.6	27.4	26.2	29.7
18	39.0	40.0	52.5	—	—	—	—	—	—	—	—	—
19	—	—	—	—	30.3	23.0	07.2	17.0	20.8	15.5	13.3	83.3
20	22.9	94.2	31.5	90.7	a—	57.0	75.2	27.2	96.0	94.0	96.2	93.0
21	37.5	35.2	35.0	37.0	36.6	36.0	36.8	37.6	39.0	38.9	38.9	38.9
22	42.1	41.4	41.9	46.8	38.3	39.4	40.0	40.0	40.8	41.2	42.7	41.2
23	41.7	40.8	41.9	40.7	43.5	44.3	42.8	42.5	43.6	38.7	43.0	42.0
24	44.8	44.5	44.0	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	46.7	46.8	47.0	47.1	46.3	46.8	47.7	47.5	46.3
27	46.3	46.0	45.3	44.7	—	43.5	44.1	44.0	44.7	45.6	46.0	44.8
28	41.9	41.7	42.0	42.8	—	42.4	43.1	44.4	46.1	46.3	47.0	46.0
29	48.8	48.8	47.2	47.7	47.2	45.5	45.5	44.0	44.2	44.0	41.4	39.8
30	45.2	44.9	45.5	44.7	44.8	44.7	45.5	45.8	46.2	46.0	45.5	43.5
31	44.6	44.2	43.8	43.0	43.4	42.0	42.1	42.9	44.6	46.2	47.2	45.8
Hourly Means	44.98	47.05	44.90	44.31	43.98	40.22	40.69	42.39	41.96	42.12	41.10	38.28
TEMPERATURE OF THE BIFILAR MAGNET.												
DECEMBER.	1	2	3	4	5	6	7	8	9	10	11	12
1	54.0	53.8	53.5	53.5	—	53.0	52.8	52.6	52.6	52.4	52.3	52.2
2	55.3	55.4	55.3	55.3	55.4	55.3	55.2	55.0	55.0	54.8	54.5	54.7
3	57.5	57.6	57.5	57.4	57.2	57.0	56.8	56.8	56.6	56.4	56.3	56.4
4	63.8	64.0	64.0	—	—	—	—	—	—	—	—	—
5	—	—	—	63.4	63.2	62.7	62.5	62.2	61.8	61.5	61.2	61.2
6	62.4	62.3	62.1	62.0	61.7	61.5	61.2	60.8	60.4	60.2	60.0	60.0
7	66.0	66.0	66.0	66.2	66.1	65.9	65.6	65.5	65.4	65.2	65.3	65.3
8	72.0	71.8	71.4	71.1	—	70.2	70.2	69.6	69.3	69.0	68.8	68.8
9	70.6	70.6	70.3	70.2	69.8	69.5	69.0	68.8	68.4	68.0	67.7	67.6
10	67.5	—	67.2	67.0	66.8	66.7	66.5	66.3	66.3	66.2	66.0	66.0
11	67.8	67.7	67.4	—	—	—	—	—	—	—	—	—
12	—	—	—	65.5	65.3	65.3	65.2	65.2	65.1	65.0	64.8	64.8
13	63.8	63.5	63.2	63.0	62.7	62.5	62.3	62.2	—	62.0	61.8	61.8
14	65.6	65.6	65.6	65.5	65.5	65.4	65.3	65.1	64.8	64.6	64.7	64.8
15	67.2	66.7	66.7	66.2	66.0	65.7	65.2	64.8	64.3	64.0	63.8	63.5
16	65.3	—	65.0	64.9	64.8	64.6	64.2	63.8	63.5	63.2	63.0	63.0
17	64.7	64.5	64.5	64.5	64.5	64.3	—	64.0	63.8	63.8	63.8	63.8
18	65.2	64.8	64.3	—	—	—	—	—	—	—	—	—
19	—	—	—	—	59.0	59.0	59.0	59.0	59.0	59.0	58.8	58.8
20	58.9	58.8	58.8	58.8	58.8	58.5	58.3	58.3	58.0	57.6	57.4	57.2
21	60.2	60.2	60.2	60.2	60.0	59.8	59.6	59.4	59.0	58.8	58.7	58.3
22	62.7	62.7	62.7	62.7	62.6	62.6	62.6	62.6	62.5	62.3	62.4	62.7
23	64.8	64.8	64.8	64.5	64.2	63.8	63.4	63.0	62.6	62.2	62.0	61.8
24	63.5	63.7	63.7	b—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	63.2	63.2	63.0	62.7	62.5	62.2	62.0	62.0	61.8
27	65.3	65.3	65.3	65.3	—	65.4	65.4	65.4	65.3	65.3	65.2	65.3
28	69.8	69.6	69.0	68.6	—	67.7	67.1	66.7	66.2	66.0	65.4	64.8
29	65.0	65.0	65.0	64.9	64.8	64.5	64.5	64.3	64.0	63.8	63.6	63.6
30	64.6	64.6	64.5	64.4	64.2	64.0	63.8	63.8	63.7	63.6	63.3	63.3
31	67.4	67.4	67.4	67.4	67.2	67.1	67.1	67.1	67.3	67.3	67.2	67.1
Hourly Means	64.27	64.02	64.05	63.83	63.32	63.27	63.02	62.88	62.68	62.47	62.31	62.26

* Out of the field.

† Christmas Day.

HORIZONTAL FORCE.												
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah' = '000230.												
12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
48'8	47'8	49'5	50'2	49'3	53'7	52'6	59'3	47'4	51'9	52'1	52'6	53'90
29'5	32'4	32'7	34'1	35'3	40'4	46'2	48'2	46'6	49'5	50'6	49'4	46'55
37'8	38'2	39'3	37'7	44'5	44'1	50'5	49'9	48'0	48'1	47'5	48'8	45'64
—	—	—	—	—	—	—	—	—	—	—	—	—
39'2	36'0	36'1	37'7	41'9	44'5	47'2	51'6	48'5	45'0	47'0	47'4	44'71
41'1	40'5	42'5	44'4	47'8	49'7	49'8	49'7	47'5	47'3	47'2	47'2	46'46
41'2	36'0	34'7	39'8	43'8	48'7	55'5	45'1	44'0	41'8	40'0	41'4	44'44
31'8	27'5	29'5	32'7	36'0	44'3	44'5	39'6	39'6	40'4	40'8	45'1	38'35
35'4	32'2	32'8	36'1	37'5	39'2	43'6	43'2	42'0	43'5	43'8	43'8	40'10
31'0	28'2	28'4	28'3	32'9	44'2	39'8	40'4	40'8	41'1	41'6	44'5	39'86
—	—	—	—	—	—	—	—	—	—	—	—	—
39'0	36'0	34'8	34'1	41'5	45'7	50'1	46'8	47'5	47'2	46'3	47'7	42'92
41'3	39'3	39'4	40'4	44'2	46'4	46'3	46'5	45'9	45'6	47'7	47'3	45'99
38'6	36'8	38'0	36'5	35'5	38'8	43'8	45'5	48'2	46'8	45'3	47'8	43'28
41'1	40'2	40'4	41'0	44'8	45'8	48'5	47'2	49'0	47'0	46'6	47'2	45'91
44'3	44'3	40'9	46'8	47'0	47'5	46'0	48'2	48'9	53'0	44'8	44'8	47'37
31'0	32'8	31'3	37'9	34'7	45'6	41'0	37'2	38'6	39'3	43'6	—	37'37
—	—	—	—	—	—	—	—	—	—	—	—	—
86'0	97'0	94'3	—	47'5	60'2	71'0	62'4	54'5	55'2	57'5	27'3	28'21
04'0	98'9	05'8	15'5	21'5	28'8	33'8	34'7	38'3	40'3	39'2	37'0	16'33
35'5	34'8	33'0	32'8	37'6	37'4	37'6	41'0	40'7	41'2	44'4	42'7	37'75
33'8	39'2	39'5	40'8	40'0	38'2	38'8	46'0	48'7	43'0	46'1	42'6	41'35
41'0	40'0	38'3	39'0	39'0	41'5	44'7	49'2	45'7	46'6	45'7	44'2	42'52
—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
42'3	39'8	39'4	42'0	42'8	44'3	46'2	48'0	48'1	47'8	46'0	46'2	45'35
41'8	38'8	38'2	39'2	37'4	40'7	42'1	43'8	43'6	42'1	41'7	42'0	42'89
43'4	41'3	41'3	39'5	40'0	44'2	44'5	46'3	48'7	46'5	46'9	49'9	44'18
37'4	36'4	37'0	40'8	46'2	46'3	45'0	41'4	42'3	44'1	44'8	44'8	43'77
41'6	42'3	43'9	44'4	45'0	44'7	45'9	45'0	45'5	45'8	44'4	44'5	44'80
42'4	39'0	39'1	40'3	43'0	47'7	48'3	46'2	43'5	42'5	42'5	43'5	43'66
35'39	34'45	34'62	36'61	40'64	44'33	46'28	46'25	45'46	45'48	45'31	44'79	41'88

TEMPERATURE OF THE BIFILAR MAGNET.												
52'5	52'7	52'8	53'2	53'7	53'8	54'0	54'4	54'8	55'0	55'1	55'2	53'47
54'8	54'9	55'2	55'4	56'0	56'3	56'6	56'7	57'1	57'3	57'4	57'4	55'48
56'6	57'0	57'3	57'8	58'7	59'1	59'8	60'7	61'7	62'3	63'0	63'7	58'38
—	—	—	—	—	—	—	—	—	—	—	—	—
61'0	61'1	61'1	61'2	61'5	61'6	62'0	62'2	62'3	62'3	62'4	62'4	62'19
60'3	60'5	61'0	61'5	62'2	62'5	63'1	64'0	64'5	65'0	65'3	65'7	62'09
65'6	66'2	67'0	67'8	68'7	69'9	71'1	71'8	72'1	72'3	72'1	72'2	67'72
63'0	69'1	69'3	69'5	69'6	69'7	70'0	70'3	70'4	70'5	70'6	70'6	70'04
67'6	67'5	67'5	67'5	67'5	67'5	67'8	67'8	67'8	67'8	67'8	67'7	68'43
66'0	66'3	66'5	66'8	67'2	67'6	67'8	68'0	68'1	68'1	68'2	68'0	67'00
—	—	—	—	—	—	—	—	—	—	—	—	—
64'7	64'6	64'7	64'6	64'7	64'5	64'5	64'3	64'2	64'1	63'8	63'6	65'06
61'8	62'0	62'2	62'7	63'0	63'6	64'0	64'3	64'8	65'0	65'3	65'4	63'17
65'0	65'1	65'8	66'1	66'5	66'8	67'0	67'0	67'0	67'1	67'3	67'2	65'85
63'2	63'2	63'2	63'5	63'8	64'0	64'3	64'8	65'0	65'2	65'5	65'5	64'80
63'1	63'2	63'5	63'8	64'0	64'0	64'2	64'3	64'4	64'4	64'4	64'7	64'06
64'0	64'2	64'7	64'8	65'2	65'5	65'6	65'8	65'8	65'8	65'7	—	64'70
—	—	—	—	—	—	—	—	—	—	—	—	—
58'6	58'6	58'4	58'4	58'4	58'4	58'7	58'8	58'8	58'8	58'9	59'0	59'55
57'2	57'2	57'4	57'6	57'8	58'3	58'8	59'2	59'7	59'8	60'0	60'2	58'44
58'7	58'8	59'2	59'7	60'0	60'6	61'0	61'2	61'8	62'0	62'2	62'4	60'08
63'0	63'6	63'8	64'2	64'3	64'8	65'2	65'5	65'7	65'4	65'0	65'0	63'61
61'6	61'4	61'6	61'4	61'7	61'8	62'1	62'5	62'9	63'1	63'3	63'5	62'87
—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
61'8	62'0	62'0	62'2	62'7	63'2	63'8	64'2	64'5	64'7	65'0	65'0	63'11
65'7	65'8	66'8	67'5	68'4	69'0	69'6	69'8	70'0	70'0	70'0	70'0	67'00
64'6	64'2	64'0	64'0	63'9	64'0	64'1	64'2	64'6	64'8	64'9	65'2	65'80
63'4	63'3	63'5	63'6	63'8	64'0	64'3	64'7	64'8	64'7	64'8	64'7	64'28
63'4	63'5	63'8	64'3	65'0	65'3	65'8	66'2	66'6	67'0	67'2	67'4	64'72
67'0	67'0	67'0	67'2	67'3	67'6	67'7	67'7	67'7	67'7	67'7	67'5	67'34
62'32	62'42	62'67	62'93	63'30	63'60	63'96	64'25	64'50	64'62	64'73	64'77	63'43

VERTICAL FORCE.													
One Scale Division = '000062 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '00021.													
Mean Göttingen Time.	0 ^h .	1 ^h .	2 ^h .	3 ^h .	4 ^h .	5 ^h .	6 ^h .	7 ^h .	8 ^h .	9 ^h .	10 ^h .	11 ^h .	
JANUARY.	1	64·4	64·8	65·0	66·5	66·4	64·5	64·4	64·2	63·9	63·2	64·8	66·2
	2	75·1	78·4	74·6	—	—	—	—	—	—	—	—	—
	3	—	—	—	69·8	70·4	70·2	70·1	69·6	—	69·5	68·3	67·8
	4	66·0	66·9	66·9	68·1	68·0	64·6	68·5	68·6	68·0	67·9	67·9	69·0
	5	68·8	68·8	68·6	68·8	68·9	67·4	—	70·0	74·0	73·5	72·9	74·8
	6	68·5	68·9	70·6	70·6	70·2	71·2	72·0	72·0	72·0	72·0	74·4	74·4
	7	59·4	59·4	59·7	60·2	60·2	60·7	61·8	61·6	62·8	60·8	60·8	60·8
	8	65·2	65·6	66·2	69·7	—	—	—	74·7	75·9	75·8	77·1	76·0
	9	66·7	66·5	67·2	—	—	—	—	—	—	—	—	—
	10	—	—	—	66·7	68·4	68·0	—	—	73·7	—	73·7	75·0
	11	73·1	70·8	73·9	73·9	68·6	71·6	74·7	76·8	77·2	77·5	78·4	76·3
	12	68·0	67·5	63·4	68·7	72·7	71·4	71·8	73·2	73·2	73·0	71·8	70·8
	13	55·2	63·3	63·4	62·2	60·4	63·3	66·4	63·4	63·4	63·4	63·7	63·7
	14	69·2	69·2	71·3	71·3	71·3	69·2	72·6	71·0	72·0	72·0	73·5	72·4
	15	64·7	64·5	65·3	63·7	67·5	67·5	67·8	67·6	68·0	68·8	70·0	70·6
	16	61·5	63·5	63·5	—	—	—	—	—	—	—	—	—
	17	—	—	—	64·8	65·6	64·8	64·8	66·0	66·0	68·3	67·8	67·4
	18	65·6	67·6	67·6	67·6	68·4	68·0	69·1	68·9	69·0	69·2	70·4	70·9
	19	61·7	61·8	61·6	60·4	62·8	62·6	62·8	64·0	65·0	65·0	67·6	69·0
	20	63·5	48·5	65·9	63·9	65·0	65·8	65·8	66·4	66·5	65·6	64·9	66·2
	21	58·3	61·0	63·1	55·2	60·8	57·3	62·7	62·7	63·6	67·5	67·3	65·9
	22	58·2	58·0	61·7	59·6	61·8	61·8	61·6	64·1	62·9	63·9	66·8	66·8
	23	63·2	63·2	63·8	—	—	—	—	—	—	—	—	—
	24	—	—	—	—	69·0	69·7	69·5	71·0	71·0	71·5	72·9	74·5
	25	67·6	69·9	70·0	70·4	71·0	71·5	71·5	74·0	74·0	74·6	76·2	77·2
	26	70·8	70·2	70·5	70·8	71·7	71·4	72·0	71·9	—	70·9	70·9	72·0
	27	63·7	63·7	63·7	66·1	66·2	66·5	66·7	68·2	69·1	69·3	68·7	70·9
	28	70·2	70·4	70·6	70·6	71·4	71·5	72·0	71·8	72·2	72·2	72·2	72·2
	29	70·4	63·8	71·5	75·4	73·7	74·0	65·6	70·0	72·2	71·2	73·7	71·2
	30	71·6	72·4	70·3	—	—	—	—	—	—	—	—	—
	31	—	—	—	72·4	71·2	69·3	66·2	63·4	74·8	57·0	56·1	71·0
Hourly Means	65·79	65·72	66·92	67·09	67·66	67·35	67·84	68·60	69·60	68·94	69·72	70·50	
TEMPERATURE OF THE VERTICAL FORCE MAGNET.													
JANUARY.	1	64·5	64·5	64·5	64·5	64·4	64·5	64·4	64·5	64·5	64·7	64·5	64·1
	2	62·1	61·6	61·2	—	—	—	—	—	—	—	—	—
	3	—	—	—	62·8	62·8	62·7	62·5	62·4	—	62·2	62·0	62·0
	4	64·6	64·4	64·1	64·0	63·6	63·2	63·0	62·8	62·5	62·3	62·2	62·3
	5	64·2	63·8	63·2	63·0	63·0	62·8	—	60·5	60·4	60·0	59·9	59·7
	6	63·3	63·3	63·2	63·1	62·8	62·4	62·2	62·0	61·8	61·6	61·3	61·2
	7	68·0	68·0	68·0	67·8	67·2	67·2	67·0	67·4	66·4	66·1	66·0	65·9
	8	64·8	64·0	63·4	63·8	—	—	—	—	60·8	60·2	60·0	59·2
	9	63·2	63·3	63·3	—	—	—	—	—	—	—	—	—
	10	—	—	—	63·2	63·2	62·8	—	—	61·2	—	60·1	60·3
	11	60·4	60·4	60·1	59·9	59·4	59·2	58·8	58·6	58·5	58·0	57·5	57·8
	12	62·8	62·7	62·5	62·3	62·0	62·0	61·7	61·3	61·2	61·0	61·0	61·0
	13	67·1	66·9	66·6	66·1	65·8	65·2	64·7	64·5	64·3	63·8	63·2	62·9
	14	62·8	62·6	62·2	62·2	62·0	61·9	61·5	61·4	61·1	61·0	60·9	60·9
	15	65·0	64·8	64·3	64·0	63·5	63·2	62·8	62·5	62·3	62·3	62·1	62·0
	16	67·0	66·8	66·7	—	—	—	—	—	—	—	—	—
	17	—	—	—	65·3	65·2	65·0	64·8	64·6	64·2	63·9	63·9	63·7
	18	64·4	64·2	64·0	63·8	63·4	63·2	63·0	62·9	62·7	62·5	62·3	62·4
	19	67·0	67·0	67·0	66·9	66·5	66·2	65·8	65·2	65·0	64·8	64·3	64·0
	20	66·8	66·2	66·0	65·8	65·5	65·2	64·6	64·2	64·0	63·6	63·3	63·1
	21	66·3	65·8	66·1	65·9	65·4	65·0	64·7	64·3	64·3	63·8	63·8	64·0
	22	67·5	67·2	67·0	66·8	66·2	65·8	65·2	65·2	65·0	64·8	64·6	64·4
	23	64·3	64·2	64·2	—	—	—	—	—	—	—	—	—
	24	—	—	—	—	61·8	61·7	61·2	60·8	60·2	60·0	59·8	59·6
	25	60·8	60·7	60·2	60·0	59·2	59·0	58·5	58·2	57·8	57·5	57·0	57·2
	26	59·9	59·8	60·0	59·8	60·0	59·9	59·9	59·8	—	60·0	60·1	60·3
	27	63·6	63·4	63·1	63·0	62·7	62·5	62·3	62·1	61·8	61·4	61·3	61·2
	28	61·4	61·2	61·1	60·8	60·4	60·2	60·0	59·8	59·8	59·7	59·4	59·2
	29	61·2	61·2	61·0	60·7	60·1	59·8	59·7	59·4	59·0	58·9	58·8	58·8
	30	60·8	60·8	60·7	—	—	—	—	—	—	—	—	—
	31	—	—	—	60·8	60·7	60·5	60·5	60·3	60·0	59·8	59·7	59·6
Hourly Means	63·99	63·80	63·60	63·45	63·07	62·84	62·56	62·22	62·01	61·71	61·48	61·42	

* Vibrating eight teeth.

VERTICAL FORCE.												
One Scale Division = '000062 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fahr. = '00021.												
12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div. 68'4	Sc. Div. 68'9	Sc. Div. 67'3	Sc. Div. 66'2	Sc. Div. 64'5	Sc. Div. 64'5	Sc. Div. 61'4	Sc. Div. 64'2	Sc. Div. 66'0	Sc. Div. 68'8	Sc. Div. 75'7	Sc. Div. 73'2	Sc. Div. 66'27
—	—	—	—	—	—	—	—	—	—	—	—	69'94
67'8	70'9	72'3	73'9	70'9	70'7	71'0	64'8	65'1	64'5	66'3	66'6	69'45
68'7	68'6	70'1	70'1	68'1	67'3	64'3	64'2	65'0	65'4	67'2	69'3	72'21
75'2	73'1	74'8	80'3	78'0	77'2	74'4	71'6	70'7	68'9	68'0	—	69'09
74'4	72'9	77'1	75'3	69'8	65'7	61'5	61'0	61'0	61'0	61'0	60'6	62'58
61'6	65'0	66'7	66'6	67'6	66'7	64'9	62'3	62'8	63'3	62'0	64'2	72'18
75'0	75'1	77'3	76'6	76'1	75'4	73'6	69'5	66'9	69'8	67'8	66'4	72'58
—	—	—	—	—	—	—	—	—	—	—	—	74'17
78'9	80'0	76'2	73'4	73'9	76'2	73'5	74'0	73'0	73'0	73'1	73'1	68'47
75'9	73'7	78'8	80'1	80'4	78'5	76'7	68'9	67'0	69'3	70'0	68'0	66'15
71'8	71'8	74'2	72'0	72'5	70'6	63'7	63'4	58'5	60'0	60'4	62'0	69'18
66'4	69'1	71'1	69'6	69'6	69'6	71'0	69'0	72'7	69'3	69'3	69'2	66'39
72'4	74'0	75'8	71'9	67'3	64'2	62'4	65'7	63'4	62'2	62'2	63'9	65'72
70'6	70'6	69'4	67'9	68'8	66'6	63'7	64'2	64'1	62'2	60'8	58'4	66'58
—	—	—	—	—	—	—	—	—	—	—	—	64'65
66'9	67'0	66'2	66'5	66'5	67'5	65'3	65'3	65'3	65'3	65'7	65'8	62'56
70'9	69'3	67'9	67'9	66'1	65'2	63'9	62'3	60'9	60'1	60'4	60'8	61'45
70'5	71'7	69'8	66'1	65'0	66'3	65'5	61'3	60'5	67'0	65'5	58'0	63'53
65'2	67'7	67'2	64'1	64'1	62'9	60'5	56'6	54'4	56'9	57'5	56'4	70'32
67'1	66'0	63'7	63'7	63'5	63'1	60'2	56'5	56'0	55'7	55'8	58'1	73'51
68'9	67'8	67'4	68'3	66'6	65'4	—	62'3	62'3	63'1	62'0	60'0	69'31
—	—	—	—	—	—	—	—	—	—	—	—	68'87
77'3	78'7	74'1	78'3	74'8	71'7	69'2	65'7	66'2	66'2	67'8	68'0	73'10
78'6	80'0	81'0	78'5	78'4	75'4	72'0	71'2	71'1	69'5	70'4	70'3	71'75
72'5	72'5	75'7	73'2	70'5	68'8	64'5	63'6	62'9	61'7	62'6	62'6	72'32
73'1	77'3	78'6	76'5	72'3	67'3	66'3	65'0	65'6	68'2	69'5	70'5	61'41
75'0	75'2	78'9	75'1	79'3	73'8	71'3	67'6	74'8	74'5	79'6	72'0	62'38
73'7	74'4	77'5	76'7	75'8	75'2	69'5	64'0	69'6	70'9	70'7	71'4	63'85
67'2	78'4	78'8	84'7	85'8	80'0	72'9	71'0	74'4	74'5	75'2	77'1	64'90
71'31	72'29	72'99	72'44	71'39	69'84	67'33	65'20	65'39	65'81	66'40	65'84	62'84
TEMPERATURE OF THE VERTICAL FORCE MAGNET.												
65'3	65'5	65'6	65'3	64'2	64'0	63'8	63'5	63'3	63'1	62'8	62'7	64'28
—	—	—	—	—	—	—	—	—	—	—	—	62'97
62'2	62'3	62'8	62'9	63'2	63'6	64'0	64'2	64'6	64'8	64'8	64'7	63'48
62'5	62'7	62'1	63'3	63'2	63'8	64'2	64'2	64'6	64'5	64'5	64'2	61'37
59'3	59'5	59'6	59'8	60'1	60'7	61'1	61'7	62'2	62'6	63'0	—	63'48
61'2	61'2	62'0	62'6	63'8	64'5	65'4	66'0	66'4	67'0	67'5	67'8	66'50
65'7	65'7	66'0	66'1	66'0	66'0	66'0	66'2	66'2	66'0	65'8	65'3	61'23
59'0	59'2	59'2	59'5	60'0	60'4	60'9	61'4	62'0	62'6	62'8	63'2	61'07
—	—	—	—	—	—	—	—	—	—	—	—	59'70
59'8	59'8	59'8	60'0	60'1	60'2	60'2	60'3	60'3	60'5	60'4	60'4	63'34
58'0	57'8	58'2	58'8	59'3	59'9	60'2	61'5	62'2	62'9	62'6	62'7	64'11
61'2	61'7	62'3	63'2	64'2	65'2	66'0	66'6	66'8	67'0	67'2	67'2	62'38
63'0	62'8	62'8	62'8	63'0	63'1	63'2	63'4	63'6	63'6	63'2	63'0	63'85
60'8	60'9	61'0	61'5	62'2	62'8	63'5	64'2	64'7	64'9	65'0	65'1	64'90
62'2	62'6	63'0	63'2	63'6	64'1	64'6	65'1	65'7	66'1	66'7	66'8	63'94
—	—	—	—	—	—	—	—	—	—	—	—	65'57
63'6	63'8	64'0	64'2	65'0	65'2	65'3	65'3	65'3	65'1	65'0	64'8	64'90
62'5	62'5	62'8	63'2	63'7	64'4	65'0	65'5	66'0	66'5	66'8	66'8	63'94
63'9	64'0	64'2	64'3	64'7	65'0	65'3	66'0	66'2	66'5	66'8	67'0	65'74
63'1	63'2	63'5	64'0	64'9	65'0	65'3	65'7	66'1	66'1	66'1	66'2	61'33
64'0	64'3	64'7	65'2	65'8	66'5	67'0	67'4	67'8	67'8	67'7	67'8	61'94
64'0	63'8	63'8	63'8	63'7	63'4	—	64'0	64'0	64'0	64'0	64'4	60'16
—	—	—	—	—	—	—	—	—	—	—	—	59'94
59'4	59'6	59'7	60'0	60'3	60'5	60'6	60'8	61'0	61'1	61'1	61'0	59'80
57'2	57'2	57'4	57'9	58'1	58'7	58'8	59'1	59'6	59'8	59'8	60'0	—
60'5	61'0	61'5	62'2	62'6	62'8	62'9	63'2	63'4	63'5	63'8	63'8	—
61'0	61'0	61'0	61'1	61'2	61'6	61'8	61'9	62'0	62'0	61'8	61'7	—
59'1	59'2	59'3	59'4	59'5	59'8	60'0	60'4	61'0	61'0	61'2	61'0	—
58'1	58'8	58'8	59'2	59'7	60'0	60'3	60'6	60'8	61'0	61'0	60'9	—
—	—	—	—	—	—	—	—	—	—	—	—	—
59'3	59'2	59'2	59'2	59'2	59'4	59'3	59'3	59'3	59'3	59'2	59'2	—
61'41	61'51	61'73	62'03	62'36	62'72	62'99	63'37	63'66	63'82	63'87	63'91	62'84

VERTICAL FORCE.												
One Scale Division = '000062 parts of the V. F. Change in the Magnetic Moment of the Bar for 1° Fah°. = '00021.												
Mean Göttingen Time. } FEBRUARY.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.
	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
1	75.5	74.5	75.0	75.5	75.0	77.0	77.5	77.4	—	75.7	75.4	74.7
2	68.4	71.1	70.5	71.8	72.0	72.4	71.5	71.9	72.2	71.8	72.4	73.8
3	69.4	68.2	63.9	66.1	68.5	71.3	72.5	70.6	70.6	70.6	70.6	70.6
4	71.2	71.2	72.8	74.0	72.2	72.2	73.9	73.9	73.7	72.1	71.6	70.9
5	71.7	72.5	72.5	72.8	74.0	74.1	74.6	74.5	73.5	74.0	73.0	71.5
6	75.8	76.4	64.4	—	—	—	—	—	—	—	—	—
7	—	—	—	70.7	65.6	70.3	68.0	69.8	69.4	70.4	70.6	83.4
8	60.6	63.6	56.6	63.1	—	66.9	64.6	64.5	66.8	67.0	67.9	67.0
9	67.2	66.9	66.8	61.1	66.6	68.0	70.2	69.6	68.1	66.9	66.5	70.8
10	68.4	68.9	68.9	67.2	72.0	71.4	72.3	74.0	—	75.0	71.6	73.0
11	71.0	71.0	73.0	68.3	70.1	73.9	73.7	72.7	74.5	74.5	73.5	76.0
12	65.5	67.8	69.4	70.3	67.5	71.2	74.2	—	70.8	72.3	72.3	78.8
13	61.9	62.1	63.0	—	—	—	—	—	—	—	—	—
14	—	—	—	71.3	67.8	69.8	72.5	73.7	75.3	74.3	74.3	75.7
15	68.7	69.2	69.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.0
16	71.0	68.1	62.5	76.5	75.7	73.0	76.0	75.0	73.8	72.6	74.6	77.1
17	69.0	69.0	69.0	70.7	70.3	71.0	71.5	72.0	72.0	72.0	72.2	73.7
18	63.7	66.4	67.2	68.4	—	68.8	69.4	71.2	—	69.4	69.4	70.4
19	72.2	75.6	75.0	74.3	73.2	73.6	73.6	73.6	74.0	74.4	72.7	73.3
20	68.3	67.0	65.7	—	—	—	—	—	—	—	—	—
21	—	—	—	53.7	54.0	54.0	54.3	54.3	54.5	55.1	56.5	56.5
22	67.4	67.4	68.8	68.8	68.0	68.0	68.7	69.0	70.7	70.5	69.6	75.0
23	59.0	60.8	63.0	64.1	64.8	64.6	61.9	64.6	64.6	64.6	67.5	66.4
24	55.9	60.9	54.8	61.9	68.4	63.0	62.5	64.6	62.6	60.0	64.6	66.4
25	71.2	75.8	70.7	67.8	61.3	65.0	68.1	68.3	56.5	62.5	63.3	67.8
26	64.3	65.2	65.0	65.0	66.7	65.2	66.7	66.4	—	64.9	63.9	69.2
27	54.9	54.9	57.0	—	—	—	—	—	—	—	—	—
28	—	—	—	72.9	74.2	74.5	74.0	74.8	75.9	74.8	77.1	77.0
Hourly Means	67.18	68.52	66.88	68.62	69.02	69.57	70.11	70.30	69.50	69.83	70.07	72.04
TEMPERATURE OF THE VERTICAL FORCE MAGNET.												
FEBRUARY.	°	°	°	°	°	°	°	°	°	°	°	°
1	59.2	59.0	59.0	58.8	58.6	58.3	58.1	58.1	—	57.8	57.7	57.7
2	62.1	62.0	61.9	61.8	61.5	61.2	61.1	61.0	60.6	60.3	60.3	60.2
3	63.2	63.0	62.8	62.6	62.3	62.0	61.8	61.5	61.4	61.2	60.9	60.9
4	61.2	61.0	60.8	60.4	60.4	60.2	60.0	59.9	59.7	59.6	59.4	59.4
5	59.8	59.8	59.6	59.3	59.1	59.0	58.8	58.7	58.3	58.2	58.0	58.2
6	60.1	60.1	60.1	—	—	—	—	—	—	—	—	—
7	—	—	—	61.8	61.8	61.7	61.4	61.2	61.0	61.0	61.0	60.9
8	65.3	65.2	65.0	64.8	—	63.9	63.6	63.2	62.6	62.3	62.0	62.0
9	63.8	63.6	63.2	63.1	62.8	62.5	62.2	62.2	62.0	61.8	61.5	61.2
10	62.3	62.2	62.0	61.8	61.4	61.0	60.5	60.0	—	59.0	58.8	58.5
11	61.1	61.1	61.0	60.9	60.7	60.6	60.3	60.1	59.8	59.6	59.3	59.3
12	63.0	62.9	62.6	62.3	62.0	61.7	61.3	—	61.0	60.8	60.7	60.7
13	66.1	66.0	65.7	—	—	—	—	—	—	—	—	—
14	—	—	—	60.8	60.6	60.2	59.8	59.5	59.5	59.2	59.2	59.1
15	62.2	62.2	62.0	61.8	61.6	61.5	61.4	61.4	61.2	61.0	60.9	60.8
16	61.3	61.1	60.8	60.4	60.2	59.9	59.6	59.3	59.0	58.8	58.8	59.0
17	62.0	61.8	61.5	61.3	61.0	60.8	60.7	60.8	60.6	60.4	60.2	60.2
18	64.2	64.0	63.8	63.4	—	62.6	62.2	62.0	—	61.2	60.9	60.7
19	61.0	60.8	60.6	60.6	60.4	60.2	60.0	59.8	59.5	59.3	59.0	59.2
20	62.5	62.7	62.7	—	—	—	—	—	—	—	—	—
21	—	—	—	72.2	72.0	71.6	71.4	71.0	70.4	69.8	69.1	68.8
22	65.8	65.4	64.9	64.4	64.0	63.8	63.2	63.0	62.5	62.2	62.0	62.2
23	67.6	67.5	67.2	67.0	66.7	66.3	66.1	65.8	65.4	65.0	64.8	64.8
24	66.2	66.0	65.8	65.7	65.3	65.0	64.8	64.8	64.6	64.2	63.8	63.7
25	64.2	64.2	64.0	63.8	63.6	63.3	63.1	62.9	62.8	62.7	62.3	62.3
26	63.8	63.8	63.8	63.8	64.0	64.0	64.1	64.1	—	64.6	64.4	64.5
27	68.8	68.4	68.1	—	—	—	—	—	—	—	—	—
28	—	—	—	59.8	59.7	59.2	58.8	58.8	58.6	58.2	57.9	57.9
Hourly Means	63.20	63.07	62.87	62.61	62.26	62.10	61.85	61.70	61.52	61.17	60.95	60.92

VERTICAL FORCE.												
One Scale Division = '000062 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah. = '00021.												
12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
79.7	83.0	82.2	80.7	78.8	77.1	74.5	70.2	67.5	68.7	66.9	68.4	75.26
74.9	77.5	77.5	75.0	71.1	67.5	65.1	63.4	62.6	64.1	64.1	66.8	70.39
70.8	73.2	74.4	75.4	74.3	72.0	71.0	72.0	70.3	69.5	71.0	71.0	70.74
73.4	75.5	77.0	78.6	78.4	75.8	73.3	77.0	70.8	70.8	70.8	71.0	73.42
74.2	75.5	75.5	79.0	78.5	77.3	75.9	72.1	66.7	71.2	73.2	82.9	74.20
—	—	—	—	—	—	—	—	—	—	—	—	—
68.9	69.4	71.4	77.3	73.6	78.0	65.6	65.6	62.5	62.5	62.1	62.1	69.74
67.7	69.0	74.5	71.9	69.0	72.0	69.2	67.3	68.0	67.9	64.6	67.8	66.85
72.6	73.0	76.6	74.4	74.3	71.8	68.6	69.2	66.7	66.7	67.7	67.4	69.07
75.9	80.9	81.4	79.7	78.4	78.4	78.8	73.8	71.4	69.5	69.2	70.0	73.48
77.2	78.8	76.8	75.2	72.4	68.2	67.4	68.6	67.2	67.6	68.8	68.1	72.02
73.7	75.5	75.5	75.1	71.9	67.7	64.5	62.5	62.5	62.0	62.0	62.0	69.25
—	—	—	—	—	—	—	—	—	—	—	—	—
78.3	77.5	77.1	77.1	75.4	73.4	69.5	68.0	66.5	65.2	64.7	67.4	70.91
73.1	74.7	75.0	74.6	72.7	74.0	71.9	68.3	71.5	70.0	72.5	71.5	71.30
81.7	80.1	76.8	74.5	72.7	72.8	71.5	69.0	68.6	67.0	67.0	68.2	72.74
77.1	75.4	76.7	75.7	74.0	71.6	68.0	64.6	62.8	61.8	61.2	62.4	70.15
74.3	75.5	77.8	77.3	75.3	75.3	75.3	73.5	73.0	71.8	70.3	72.2	71.63
74.4	77.8	80.4	76.1	74.5	72.6	70.5	68.3	70.8	68.0	68.0	66.5	73.06
—	—	—	—	—	—	—	—	—	—	—	—	—
58.8	61.8	61.4	62.4	64.1	63.4	61.7	61.7	63.9	60.1	68.7	69.4	60.43
76.7	80.0	81.2	73.7	74.0	72.3	72.3	64.0	64.2	62.2	57.9	59.0	69.56
67.0	67.2	71.6	70.6	64.7	63.6	60.9	60.5	60.6	59.3	59.6	63.0	63.94
71.9	76.7	66.4	70.8	77.7	69.4	66.8	65.9	65.9	75.4	69.5	72.0	66.42
73.9	80.0	81.2	73.9	74.5	74.7	69.1	71.4	68.7	67.4	65.3	67.3	69.40
68.6	70.4	69.0	68.3	64.8	61.0	58.8	55.5	55.2	56.0	55.8	54.8	63.51
—	—	—	—	—	—	—	—	—	—	—	—	—
78.2	81.0	81.5	81.4	79.7	78.4	77.5	75.5	75.3	73.0	68.3	—	73.56
73.46	75.39	75.79	74.94	73.53	72.01	69.49	67.83	66.80	66.57	66.22	67.44	70.04

TEMPERATURE OF THE VERTICAL FORCE MAGNET.												
°	°	°	°	°	°	°	°	°	°	°	°	°
57.7	57.8	58.2	58.6	59.4	59.8	60.4	61.0	61.4	61.8	61.9	62.1	59.23
60.1	60.7	61.0	61.5	62.0	62.7	63.0	63.2	63.5	63.6	63.6	63.3	61.76
60.8	60.7	60.8	60.8	60.8	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.49
59.2	59.2	59.2	59.6	59.8	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.91
58.2	58.2	58.1	58.2	58.4	58.7	59.1	59.5	59.8	60.0	60.0	60.1	58.96
—	—	—	—	—	—	—	—	—	—	—	—	—
61.0	61.0	61.2	61.5	62.2	62.8	63.3	64.0	64.5	64.9	65.0	65.1	62.02
61.9	62.0	62.4	62.8	63.0	63.3	63.7	64.0	64.0	64.2	64.1	64.0	63.45
61.2	61.2	61.5	62.0	62.0	62.2	62.5	62.8	63.0	63.0	63.0	62.8	62.38
58.8	58.8	58.8	59.3	59.8	60.0	60.2	60.6	60.8	61.0	61.1	61.1	60.34
59.5	59.8	60.2	60.7	61.2	61.5	62.2	62.7	63.1	63.2	63.2	63.1	61.01
60.8	61.1	61.4	61.9	62.5	63.4	64.0	64.8	65.4	65.8	66.2	66.2	62.72
—	—	—	—	—	—	—	—	—	—	—	—	—
59.1	59.2	59.4	59.7	60.2	60.4	61.0	61.2	61.5	62.0	62.2	62.2	60.98
60.8	60.8	60.8	61.2	61.3	61.6	61.6	61.6	61.8	61.9	61.8	61.7	61.45
59.2	59.6	59.8	60.2	60.4	60.8	61.1	61.5	61.8	62.2	62.3	62.1	60.38
60.2	60.5	61.0	61.5	62.0	62.3	63.0	63.6	63.8	64.0	64.3	64.3	61.74
60.4	60.3	60.2	60.2	60.2	60.2	60.2	60.4	60.6	60.8	60.8	60.8	61.37
59.1	59.0	59.2	59.2	59.8	60.3	60.8	61.2	61.5	62.0	62.3	62.4	60.30
—	—	—	—	—	—	—	—	—	—	—	—	—
68.3	67.8	67.8	67.7	67.8	67.6	67.5	67.6	67.2	66.8	66.4	66.0	63.03
62.2	62.2	62.6	63.0	63.6	64.3	65.2	65.9	66.4	66.6	67.3	67.8	64.19
64.8	64.8	65.0	65.3	65.7	66.0	66.3	66.7	66.8	66.8	66.5	66.2	66.05
63.3	63.3	63.3	63.3	63.4	63.6	63.8	64.0	64.2	64.2	64.2	64.2	64.36
62.2	62.2	62.4	62.6	62.5	62.8	63.2	63.3	63.3	63.8	63.8	63.8	63.13
64.6	64.6	64.8	65.0	65.7	66.8	67.5	68.2	68.8	68.8	68.8	68.7	65.53
—	—	—	—	—	—	—	—	—	—	—	—	—
57.5	57.6	57.6	57.8	57.8	58.0	58.2	58.2	58.4	58.8	58.8	—	59.70
60.87	60.93	61.11	61.40	61.73	62.08	62.45	62.80	63.02	63.22	63.28	63.44	62.10

VERTICAL FORCE.													
One Scale Division = .000062 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah. = .00021.													
Mean Göttingen Time. } }	0 ^h .	1 ^h .	2 ^h .	3 ^h .	4 ^h .	5 ^h .	6 ^h .	7 ^h .	8 ^h .	9 ^h .	10 ^h .	11 ^h .	
	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
MARCH.	1	70.4	74.0	69.6	65.2	71.1	70.0	60.5	53.8	54.4	66.8	65.3	65.5
	2	76.5	76.9	77.2	78.1	—	80.6	80.4	82.0	80.5	80.8	82.0	82.8
	3	77.2	77.2	78.0	78.5	77.2	77.5	77.2	76.8	76.2	75.7	77.4	77.5
	4	67.4	67.4	67.4	68.2	68.0	61.4	62.3	65.8	65.2	64.8	69.3	67.8
	5	66.7	68.9	67.3	67.4	67.4	67.4	67.4	67.4	67.4	63.8	63.8	70.1
	6	67.5	69.5	70.5	—	—	—	—	—	—	—	—	—
	7	—	—	—	72.5	71.3	71.5	70.1	72.6	72.6	72.0	76.0	75.8
	8	64.4	a—	68.4	70.0	70.5	70.5	69.8	77.6	69.3	69.8	71.8	71.4
	9	70.6	58.4	60.8	63.4	62.7	63.5	64.2	64.7	66.8	68.0	67.7	68.8
	10	59.4	62.7	66.6	68.3	68.3	68.2	66.0	61.0	—	67.9	69.7	69.7
	11	60.9	60.1	58.7	62.0	63.5	63.5	64.0	63.3	63.5	64.0	a—	67.5
	12	70.7	72.3	71.8	71.2	73.6	74.2	74.7	73.8	74.4	77.5	76.6	77.6
	13	74.9	72.6	70.4	—	—	—	—	—	—	—	—	—
	14	—	—	—	76.0	76.0	76.0	72.8	71.7	71.9	71.4	74.7	73.4
	15	63.9	67.0	64.5	65.4	62.9	62.8	62.8	62.8	63.0	62.7	63.5	73.9
	16	49.6	50.8	51.0	51.2	51.2	52.6	52.5	52.9	55.4	56.7	57.8	57.3
	17	64.9	66.4	67.9	69.3	a—	a—	68.0	a—	a—	71.0	73.5	74.2
	18	72.4	71.7	74.8	73.4	72.3	72.0	71.8	71.5	70.3	70.6	70.4	71.7
	19	70.6	68.4	56.5	59.6	65.7	42.5	36.4	60.6	59.4	58.4	53.5	58.3
	20	68.6	66.6	66.7	—	—	—	—	—	—	—	—	—
	21	—	—	—	68.1	68.1	68.8	68.8	70.0	68.2	70.3	69.9	67.8
	22	64.8	65.8	68.7	70.0	—	71.9	71.2	72.0	72.0	74.1	75.4	75.4
	23	75.6	74.2	75.2	75.7	75.7	78.0	78.0	76.2	75.8	75.5	75.8	76.5
	24	73.3	73.3	75.0	77.6	78.0	77.5	76.7	75.4	77.2	77.2	77.1	77.5
	25	75.2	74.0	75.5	76.5	75.7	80.4	76.3	76.3	77.7	78.5	76.2	77.5
	26	77.7	73.8	77.4	76.8	—	77.2	77.7	76.7	78.0	78.6	75.0	73.5
	27	74.4	75.7	75.7	—	—	—	—	—	—	—	—	—
	28	—	—	—	72.3	73.6	73.5	73.2	73.0	73.8	75.5	75.5	74.2
	29	66.3	66.7	66.6	67.6	—	69.2	70.9	69.1	69.6	70.0	70.1	70.4
	30	76.5	74.2	76.0	76.9	74.0	75.2	75.8	76.4	76.2	76.2	76.9	77.4
	31	74.6	76.0	76.6	77.2	77.7	77.3	78.9	79.4	80.2	81.0	81.0	79.7
Hourly Means	69.46	69.41	69.45	70.31	70.20	70.12	69.20	70.11	70.36	71.07	71.77	72.34	
TEMPERATURE OF THE VERTICAL FORCE MAGNET.													
	0 ^h .	1 ^h .	2 ^h .	3 ^h .	4 ^h .	5 ^h .	6 ^h .	7 ^h .	8 ^h .	9 ^h .	10 ^h .	11 ^h .	
MARCH.	1	58.8	58.8	58.5	58.3	58.2	58.1	58.0	58.0	57.9	57.9	57.7	
	2	57.9	57.6	57.2	57.1	—	56.6	56.2	55.8	55.7	55.5	55.0	
	3	57.8	57.8	57.8	57.6	57.3	57.2	57.0	57.0	57.0	56.8	56.6	
	4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.5	61.4	61.2	61.0	
	5	62.1	62.2	62.3	62.2	62.2	62.2	62.2	62.2	62.0	62.0	61.9	
	6	60.3	60.3	60.3	—	—	—	—	—	—	—	—	—
	7	—	—	—	59.2	59.1	59.0	59.0	58.8	58.6	58.4	58.4	58.4
	8	—	61.9	61.7	61.4	61.2	61.0	60.8	60.6	60.6	60.4	60.2	60.2
	9	63.6	63.6	63.4	63.2	63.0	62.7	62.4	62.4	62.3	62.2	62.0	61.8
	10	63.0	62.8	62.5	62.3	62.5	62.4	62.2	62.1	—	61.6	61.4	61.6
	11	66.4	66.4	66.2	65.9	65.4	65.0	64.6	64.2	63.8	63.5	—	62.7
	12	60.0	59.6	59.2	58.8	58.4	58.0	57.5	57.5	57.0	56.8	56.4	56.2
	13	58.2	58.3	58.3	—	—	—	—	—	—	—	—	—
	14	—	—	—	58.8	58.6	58.6	58.6	58.6	58.3	58.2	58.3	58.5
	15	63.6	63.6	63.8	63.6	63.6	63.5	63.3	63.5	63.6	63.4	63.2	63.2
	16	69.8	69.8	69.8	69.7	69.4	69.3	63.9	69.0	68.4	68.0	68.0	67.4
	17	62.5	62.0	61.5	61.0	—	—	59.3	—	—	58.0	57.4	57.7
	18	59.2	59.0	59.2	59.2	58.8	58.8	58.7	58.8	58.9	58.8	58.7	58.7
	19	61.1	61.1	61.1	61.1	61.0	61.2	61.4	61.4	61.2	61.0	60.8	60.8
	20	63.4	63.3	63.2	—	—	—	—	—	—	—	—	—
	21	—	—	—	64.0	64.0	63.8	63.4	63.0	62.9	62.7	62.7	62.5
	22	63.0	62.6	62.2	61.7	—	61.0	60.7	60.3	59.8	59.6	59.2	59.2
	23	59.0	58.8	58.5	58.2	58.0	57.8	57.4	57.2	56.8	56.5	56.0	56.0
	24	58.3	58.4	58.4	58.2	58.0	58.0	58.0	58.0	58.0	57.9	57.8	57.6
	25	58.3	58.2	58.2	58.0	58.0	57.8	57.8	57.6	57.5	57.2	57.2	57.3
	26	58.3	58.2	58.2	58.2	—	58.2	58.2	58.2	58.0	58.0	58.0	58.2
	27	58.8	58.8	58.6	—	—	—	—	—	—	—	—	—
	28	—	—	—	59.0	59.0	58.8	58.8	58.7	58.6	58.6	58.4	58.4
	29	62.1	62.0	62.0	61.7	—	61.2	61.0	61.0	60.8	60.5	60.2	60.2
	30	58.6	58.4	58.0	57.8	57.3	57.2	57.0	56.8	56.4	56.3	56.1	56.0
	31	57.7	57.5	57.2	57.0	57.0	56.7	56.2	56.0	55.6	55.2	55.0	55.0
Hourly Means	60.91	60.84	60.71	60.55	60.54	60.23	60.02	59.93	59.64	59.49	59.15	59.24	

* Vibrating.

VERTICAL FORCE.

One Scale Division = '000062 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '00021.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div. 68·8	Sc. Div. 75·3	Sc. Div. 74·8	Sc. Div. 69·8	Sc. Div. 74·0	Sc. Div. 74·4	Sc. Div. 72·6	Sc. Div. 73·4	Sc. Div. 73·8	Sc. Div. 75·1	Sc. Div. 75·6	Sc. Div. 76·3	Sc. Div. 69·60
83·4	83·6	84·2	82·2	81·4	79·9	79·7	77·8	76·2	75·7	75·7	75·7	79·71
80·8	82·4	82·4	79·3	77·3	74·0	70·7	67·5	67·5	66·0	66·4	66·4	75·30
78·4	73·1	73·1	71·3	73·6	72·5	73·2	70·3	69·6	67·5	65·6	63·2	68·60
70·1	73·4	72·4	72·0	68·7	69·5	70·6	70·0	67·3	67·6	67·6	68·5	68·45
—	—	—	—	—	—	—	—	—	—	—	—	—
74·0	73·2	72·5	74·6	74·6	72·6	72·1	70·5	73·0	75·5	70·6	70·0	72·30
76·6	74·8	75·4	70·2	70·2	70·2	76·4	68·8	67·9	66·5	59·1	69·8	70·41
72·2	71·7	72·0	70·2	66·8	65·9	67·1	66·4	66·1	64·9	64·8	64·2	66·33
71·0	71·1	70·0	65·4	63·9	61·4	60·6	60·6	61·8	59·8	59·2	59·2	64·86
70·8	69·8	69·4	70·2	64·9	64·9	64·9	64·9	64·9	64·9	64·9	70·7	65·05
79·8	81·7	83·4	82·3	81·4	77·3	75·3	75·5	74·4	75·6	72·6	74·2	75·91
—	—	—	—	—	—	—	—	—	—	—	—	—
74·3	75·7	73·0	73·8	71·2	70·3	67·5	65·7	64·1	64·1	63·6	61·7	71·12
65·1	65·0	63·4	60·3	56·9	55·2	53·9	52·6	52·6	50·0	49·5	49·5	60·38
59·0	61·4	63·2	61·2	59·7	59·7	59·7	60·5	60·9	62·2	65·4	65·4	57·39
78·3	79·9	78·9	78·9	78·2	76·4	74·7	74·0	73·3	75·0	72·9	72·4	73·40
75·7	75·7	77·0	80·3	75·0	72·0	73·5	73·9	75·9	73·4	66·2	70·3	72·99
68·4	58·7	65·0	71·2	77·4	100·0	85·5	73·7	68·4	67·4	65·9	62·7	64·76
—	—	—	—	—	—	—	—	—	—	—	—	—
65·1	71·1	71·4	70·4	68·5	67·3	66·6	65·4	64·3	63·6	63·6	65·5	67·70
73·8	74·4	74·4	74·6	74·3	73·4	74·4	73·7	74·7	72·7	73·0	79·0	72·77
81·8	84·1	86·1	82·4	80·4	84·2	81·9	79·2	83·9	82·0	75·4	74·7	78·68
78·3	75·7	79·3	78·1	75·5	75·5	79·5	78·6	77·9	75·0	75·0	76·4	76·69
75·9	76·7	77·3	77·7	76·9	77·8	77·5	77·1	77·2	78·0	77·5	76·7	76·92
73·4	73·4	74·2	76·5	76·2	76·4	77·5	76·9	76·3	76·3	74·5	74·4	76·02
—	—	—	—	—	—	—	—	—	—	—	—	—
74·0	74·0	75·0	73·5	72·2	70·6	69·4	67·5	66·6	65·2	65·6	66·2	72·09
71·5	70·9	69·7	69·2	72·6	71·4	71·4	71·4	73·3	74·2	75·0	83·5	70·90
79·7	80·0	78·5	77·8	75·2	76·8	74·4	76·0	75·9	76·9	75·2	75·2	76·39
78·5	78·5	78·7	77·7	78·0	76·3	75·0	74·3	73·5	73·1	72·9	73·3	77·06
74·03	74·27	74·62	73·75	72·78	72·80	72·06	70·60	70·42	69·93	68·64	69·82	71·18

TEMPERATURE OF THE VERTICAL FORCE MAGNET.

57·8	57·8	58·0	58·0	58·0	58·0	58·6	58·8	58·5	58·3	58·2	58·1	58·17
55·0	55·0	55·2	55·7	56·0	56·4	56·8	57·2	57·4	57·6	57·6	57·8	56·41
56·6	56·8	57·2	57·6	58·2	59·0	59·7	60·3	60·8	61·1	61·3	61·7	58·20
60·7	60·8	60·8	60·8	60·8	61·0	61·2	61·4	61·8	62·0	62·0	62·1	61·41
61·6	61·5	61·4	61·2	61·1	61·1	61·0	61·0	61·0	60·8	60·6	60·6	61·60
—	—	—	—	—	—	—	—	—	—	—	—	—
58·3	58·5	59·0	59·3	59·9	60·2	60·8	61·1	61·4	61·7	61·7	61·9	59·73
60·2	60·6	61·0	61·2	61·8	62·2	62·6	63·0	63·4	63·6	63·8	63·8	61·62
61·6	61·6	61·8	62·2	62·7	63·0	63·2	63·3	63·3	63·6	63·4	63·2	62·73
61·7	62·0	62·4	63·2	64·0	64·2	65·0	65·4	65·9	66·2	66·4	66·4	63·36
62·3	62·1	62·0	62·0	61·8	61·8	61·6	61·4	61·2	61·0	60·5	60·3	63·13
56·2	56·2	56·2	56·4	56·8	56·8	57·0	57·3	57·7	58·0	57·8	58·0	57·50
—	—	—	—	—	—	—	—	—	—	—	—	—
58·8	59·0	59·7	60·2	61·0	61·2	61·6	62·2	62·4	62·5	63·2	63·5	59·86
63·4	63·8	64·4	65·2	65·8	66·6	67·3	68·2	68·6	69·0	69·4	69·8	65·14
67·2	66·2	65·5	65·4	65·2	65·1	64·8	64·6	64·2	63·8	63·4	63·0	66·92
57·5	57·7	57·7	58·0	58·2	58·4	58·4	58·6	58·8	59·0	59·0	59·2	59·00
58·6	58·8	58·8	59·2	59·3	59·8	60·2	60·4	60·8	61·0	61·0	61·1	59·41
60·8	61·0	61·8	61·8	62·0	62·3	62·5	63·3	63·7	63·8	63·7	63·7	61·82
—	—	—	—	—	—	—	—	—	—	—	—	—
62·6	62·5	62·4	62·6	62·8	63·0	63·2	63·3	63·3	63·2	63·0	62·8	63·07
58·8	58·8	58·8	59·0	59·0	59·1	59·1	59·2	59·3	59·2	59·2	59·1	59·91
56·0	56·0	56·3	56·8	56·8	57·2	57·6	58·0	58·2	58·2	58·3	58·2	57·41
57·5	57·6	57·6	57·6	57·8	58·0	58·0	58·3	58·6	58·6	58·5	58·4	58·05
57·2	57·2	57·2	57·5	57·8	58·0	58·0	58·2	58·2	58·2	58·2	58·2	57·80
58·4	58·8	58·6	58·6	58·6	58·7	58·8	58·8	58·8	58·8	58·8	58·8	58·44
—	—	—	—	—	—	—	—	—	—	—	—	—
58·4	58·6	59·0	59·7	60·2	60·8	61·2	61·8	62·0	62·1	62·1	62·2	59·70
60·2	60·0	60·0	60·0	60·0	59·8	59·6	59·4	59·2	59·0	59·0	58·6	60·33
56·2	56·2	56·4	56·6	56·8	57·2	57·5	57·8	58·0	57·8	57·8	57·8	57·17
54·8	54·8	55·0	55·6	56·2	57·0	57·3	57·8	58·0	58·1	58·1	58·0	56·53
59·20	59·25	59·42	59·57	59·95	60·22	60·47	60·74	60·91	60·97	60·96	60·97	60·17

VERTICAL FORCE.													
One Scale Division = '000062 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah'. = '00021.													
Mean Göttingen Time. } }	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
APRIL.	1	Sc. Div. 74·6	Sc. Div. 74·3	Sc. Div. 69·7	—	—	—	—	—	—	—	—	
	2	—	—	—	77·2	77·7	77·7	77·7	77·3	77·5	78·2	77·1	
	3	76·8	79·4	75·8	—	—	—	—	—	—	—	—	
	4	—	—	—	76·5	78·6	81·1	81·1	80·2	77·0	76·6	77·6	80·4
	5	75·7	75·0	76·3	76·3	77·0	79·0	79·0	79·0	78·5	78·2	76·9	79·7
	6	73·0	69·8	73·7	73·7	73·7	79·7	72·2	72·1	72·1	73·3	78·0	78·4
	7	65·9	65·3	68·7	69·2	69·2	67·1	64·9	67·7	76·1	71·0	66·8	69·5
	8	76·2	72·7	74·1	72·7	71·0	70·0	70·0	70·9	70·6	69·7	72·5	73·4
	9	70·6	71·5	71·5	73·4	76·1	76·2	76·8	77·2	82·5	77·9	78·7	79·8
	10	79·0	79·2	79·5	—	—	—	—	—	—	—	—	—
	11	—	—	—	74·5	75·6	76·2	76·2	75·6	75·7	76·0	75·0	74·2
	12	66·4	66·4	66·4	67·7	68·7	68·2	67·0	64·8	67·8	69·2	62·0	73·3
	13	73·5	76·2	76·2	75·9	75·0	75·0	75·8	76·4	74·8	74·8	75·6	77·7
	14	76·7	77·4	78·0	78·2	76·8	78·2	78·6	78·6	76·0	71·8	75·0	84·5
	15	80·2	80·2	80·2	80·2	80·2	80·8	—	81·1	—	80·4	79·7	81·4
	16	75·9	75·4	77·1	78·5	78·0	77·9	75·7	77·3	78·7	78·7	78·9	78·9
	17	69·3	73·5	73·5	—	—	—	—	—	—	—	—	—
	18	—	—	—	71·0	70·6	71·0	71·0	71·3	71·0	70·9	69·7	68·5
	19	73·8	76·3	77·5	78·6	80·6	81·8	81·8	81·2	77·2	77·8	79·5	80·3
	20	92·4	80·9	80·9	77·8	71·7	64·6	63·5	55·2	65·8	68·6	72·8	74·4
	21	79·6	65·5	74·0	70·3	74·2	74·2	77·0	74·1	73·8	73·0	78·7	83·2
	22	77·6	79·2	79·2	80·2	81·0	86·0	76·3	77·5	85·0	76·3	81·0	81·0
	23	79·4	80·6	81·8	81·8	81·8	80·3	81·3	82·3	82·7	82·0	81·3	80·4
	24	75·5	76·9	76·9	—	—	—	—	—	—	—	—	—
	25	—	—	—	84·4	84·4	84·4	83·2	81·9	80·6	81·2	81·2	81·2
	26	79·2	79·2	77·5	80·0	80·0	81·0	80·2	81·7	83·0	83·2	81·9	81·0
	27	82·9	85·0	85·0	85·0	84·0	83·5	83·0	82·5	84·8	88·3	86·4	85·3
	28	81·9	81·9	85·0	86·0	86·2	86·2	85·6	84·8	84·2	83·8	83·5	82·5
	29	88·4	87·3	85·4	83·7	—	88·5	88·5	85·6	87·8	88·0	90·8	91·4
	30	88·7	81·5	75·7	85·7	—	—	—	—	—	—	83·2	86·5
Hourly Means	77·33	76·42	76·78	77·54	77·05	77·69	76·80	76·51	77·53	77·04	77·75	79·43	

TEMPERATURE OF THE VERTICAL FORCE MAGNET.													
APRIL.	1	58·0	58·0	57·9	a °	°	°	°	°	°	°	°	
	2	—	—	—	56·4	56·2	56·0	56·0	55·8	55·8	55·8	55·6	55·4
	3	57·4	57·5	57·6	—	—	—	—	—	—	—	—	—
	4	—	—	—	56·0	55·8	55·6	55·6	55·4	55·0	54·7	54·8	55·0
	5	57·2	57·0	56·8	56·4	56·4	56·2	56·1	56·0	55·8	55·6	55·6	55·8
	6	58·7	58·8	58·8	58·9	59·0	59·0	59·0	58·9	58·8	58·8	58·8	58·8
	7	61·7	61·6	61·4	61·3	61·0	61·0	61·0	60·8	60·6	60·5	60·4	60·7
	8	64·4	64·2	64·2	64·0	63·8	63·7	63·5	63·3	63·0	62·8	62·3	62·1
	9	61·2	61·0	60·7	60·3	59·7	59·1	58·8	58·2	57·6	57·2	56·9	56·3
	10	56·0	56·0	55·8	—	—	—	—	—	—	—	—	—
	11	—	—	—	57·4	57·5	57·6	57·7	57·8	57·7	57·7	57·8	58·0
	12	61·5	61·6	61·7	61·7	61·2	61·2	61·2	61·2	61·0	61·0	60·8	60·6
	13	58·6	58·4	58·2	58·0	57·8	57·5	57·3	57·0	57·1	57·1	57·1	57·1
	14	56·2	56·2	56·0	56·0	55·9	55·9	55·7	55·6	55·4	55·4	55·4	55·2
	15	56·0	56·0	56·0	56·0	55·8	55·7	—	55·5	—	55·4	55·4	55·2
	16	58·0	57·8	57·8	57·8	57·6	57·4	57·5	57·2	57·1	56·9	56·7	56·6
	17	58·8	58·8	58·8	—	—	—	—	—	—	—	—	—
	18	—	—	—	60·8	60·8	60·7	60·7	60·5	60·4	60·4	60·5	60·4
	19	57·2	56·8	56·5	56·0	55·8	55·4	55·0	54·6	54·3	53·9	53·6	53·4
	20	55·4	55·4	55·4	55·2	55·2	55·2	54·9	54·4	54·2	54·0	53·8	53·8
	21	56·4	56·3	56·1	56·1	56·0	56·0	55·8	55·5	55·2	54·8	54·5	54·2
	22	56·0	55·8	55·6	55·5	55·2	55·2	55·1	55·0	55·0	55·0	54·4	54·2
	23	56·0	56·0	55·8	55·4	55·3	55·1	54·9	54·8	54·3	54·0	53·8	53·8
	24	56·4	56·6	56·8	—	—	—	—	—	—	—	—	—
	25	—	—	—	54·2	54·2	54·0	54·0	53·8	53·8	53·8	53·7	53·5
	26	55·0	54·8	54·6	54·4	54·2	53·8	53·6	53·2	52·7	52·4	52·2	52·3
	27	51·9	51·7	51·5	51·3	51·2	51·0	51·0	50·8	50·6	50·6	50·6	50·4
	28	52·0	52·0	52·0	51·9	51·8	51·8	51·8	51·8	51·7	51·5	51·3	51·1
	29	51·6	51·6	51·4	51·0	—	50·8	50·6	50·3	50·0	49·8	49·5	49·7
	30	53·0	53·0	53·1	53·0	—	—	—	—	—	—	52·2	52·2
Hourly Means	56·98	56·92	56·82	56·60	56·84	56·45	56·38	56·14	55·96	55·80	55·51	55·43	

* Good Friday.

VERTICAL FORCE.												
One Scale Division = '000062 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah. = '00021.												
12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
76.0	80.0	81.0	79.7	77.5	76.3	75.5	75.5	74.8	76.2	78.1	70.0	76.60
82.8	88.3	87.4	86.2	86.2	86.2	85.4	81.8	76.0	75.2	74.0	77.5	80.34
82.1	80.2	80.2	80.2	78.7	78.4	76.5	75.0	73.8	72.4	71.4	73.0	77.19
74.2	71.8	77.8	77.8	72.8	72.3	68.3	68.6	67.0	64.1	65.2	61.7	71.97
80.9	82.1	81.2	85.7	85.2	90.7	88.0	89.8	107.0	104.5	89.5	89.5	78.93
79.1	75.7	75.0	83.5	75.5	74.9	74.5	72.8	72.1	69.6	69.4	70.2	73.17
81.7	81.7	80.7	81.5	81.5	81.5	81.5	81.2	80.0	80.0	77.8	77.3	78.27
74.3	74.6	73.5	73.2	72.2	71.9	72.5	69.4	68.1	67.9	66.4	66.4	73.63
72.3	70.6	70.6	72.7	72.7	72.6	71.5	71.5	72.1	68.9	72.4	72.4	69.51
75.6	77.8	82.0	84.9	82.4	80.8	79.7	77.0	75.8	75.8	75.8	75.8	77.10
76.9	79.2	84.4	85.6	84.5	83.2	80.4	78.9	77.8	75.0	77.0	79.6	78.85
81.0	82.6	83.7	85.6	84.0	80.3	76.7	75.2	75.2	78.6	80.5	79.7	80.34
78.9	80.7	88.8	92.4	85.4	80.7	74.4	73.0	76.3	77.2	73.3	73.3	78.56
70.3	70.3	73.0	75.0	75.9	75.4	74.6	73.5	73.2	72.0	71.9	74.2	72.11
80.0	81.2	81.0	83.8	82.0	80.9	83.6	83.4	94.3	115.8	115.8	115.1	85.14
79.3	77.3	77.3	78.3	79.2	79.9	77.7	76.9	82.0	78.8	76.7	76.7	75.36
89.3	77.0	80.0	80.4	79.2	81.4	79.5	77.8	78.8	77.8	78.3	78.3	77.31
80.7	82.2	82.8	83.7	83.6	84.1	83.5	82.0	78.9	78.9	77.3	79.5	80.73
80.4	80.3	84.4	85.6	85.6	85.6	82.3	80.0	77.4	76.3	75.7	75.7	81.04
81.0	81.0	82.9	83.6	83.6	82.8	80.6	78.5	78.5	78.2	78.2	78.2	80.79
83.7	87.7	86.7	84.8	85.8	86.4	84.5	83.5	83.5	85.2	85.2	82.9	82.82
86.6	86.5	87.2	88.4	87.3	85.4	83.4	82.7	81.9	81.9	81.9	81.9	84.62
85.0	85.5	84.6	84.0	87.8	87.2	88.0	88.0	91.0	91.0	91.0	89.0	85.99
89.2	97.0	84.9	90.5	85.7	85.7	85.2	87.1	93.2	85.0	89.3	85.7	88.43
79.3	82.3	85.8	84.9	84.6	83.9	84.4	81.1	78.2	78.3	77.4	72.3	81.88
80.02	80.54	81.88	82.88	81.56	81.14	79.69	78.57	79.48	79.38	78.78	78.24	78.78
TEMPERATURE OF THE VERTICAL FORCE MAGNET.												
°	°	°	°	°	°	°	°	°	°	°	°	°
55.6	55.6	55.5	55.6	55.8	56.0	56.2	56.8	57.0	57.2	57.2	57.2	56.36
54.8	54.7	54.6	54.8	55.2	55.2	55.6	55.8	56.0	56.4	56.6	56.6	55.70
55.8	55.8	55.8	56.0	56.2	56.6	57.0	57.3	57.6	58.0	58.0	58.2	56.55
58.8	59.0	59.4	59.8	60.6	61.1	61.6	62.1	62.0	62.0	61.8	61.7	59.84
60.5	60.8	60.5	60.7	61.0	61.2	61.6	62.0	62.2	64.0	64.0	64.0	61.44
62.0	61.8	61.6	61.6	61.5	61.7	61.8	62.0	62.0	62.0	61.8	61.7	62.62
56.0	55.9	55.8	55.9	56.0	56.2	56.3	56.4	56.4	56.4	56.5	56.4	57.55
58.1	58.3	58.5	59.0	59.4	59.8	60.0	60.5	60.8	61.0	61.0	61.4	58.53
60.6	60.7	60.5	60.2	60.0	59.8	59.6	59.4	59.2	59.0	58.8	58.6	60.46
56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.6	56.3	57.17
55.2	55.0	55.0	55.3	55.6	55.6	55.7	55.9	56.0	56.1	56.0	56.0	55.68
55.2	55.6	56.0	56.2	56.3	56.6	57.0	57.2	57.7	57.8	57.8	58.0	56.30
56.5	56.4	56.6	56.8	57.2	57.5	58.0	58.7	59.0	58.8	59.0	58.8	57.57
60.4	60.2	60.2	60.0	59.8	59.5	59.2	58.8	58.6	58.2	57.8	57.5	59.66
53.3	53.3	53.5	53.8	54.0	54.2	54.4	54.6	54.8	55.4	55.4	55.4	54.78
54.0	54.0	54.2	54.6	54.9	55.1	55.3	55.8	56.2	56.2	56.2	56.1	54.98
54.2	54.3	54.7	55.1	55.2	55.4	55.8	55.8	55.8	56.0	56.1	56.0	55.47
53.8	54.2	54.2	54.8	55.2	55.4	55.6	55.8	56.0	56.2	56.2	56.2	55.23
54.0	53.6	53.8	54.0	54.2	54.6	54.9	55.3	55.7	55.8	55.9	56.2	54.88
53.2	53.5	53.8	54.2	54.6	55.0	55.0	55.4	55.2	55.4	55.2	55.2	54.60
52.2	52.0	52.0	52.0	52.0	51.9	52.0	52.2	52.2	52.0	51.9	51.8	52.81
50.4	50.3	50.6	50.8	50.8	51.2	51.3	51.7	51.8	52.0	52.0	52.0	51.15
51.0	51.0	51.0	51.2	51.4	51.4	51.4	51.5	51.3	51.6	51.8	51.8	51.55
49.8	49.8	50.0	50.4	50.5	51.0	51.8	52.1	52.3	52.5	52.8	52.8	50.96
52.2	52.3	52.7	53.0	53.2	53.4	54.2	54.6	55.0	55.2	55.2	55.5	53.50
55.38	55.40	55.49	55.70	55.90	56.09	56.32	56.58	56.70	56.88	56.86	56.85	56.21

VERTICAL FORCE.												
One Scale Division = .000063 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah°. = .00021.												
Mean Göttingen Time. } MAY.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.
	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
1	78.8	78.8	77.6	—	—	—	—	—	—	—	—	—
2	—	—	—	82.2	82.2	82.2	82.2	82.2	83.0	83.2	86.0	85.5
3	80.2	78.8	82.0	81.0	81.6	81.5	81.0	80.5	79.8	78.2	81.3	79.2
4	73.1	75.6	75.6	76.2	—	76.2	76.2	76.2	76.0	74.8	74.0	74.0
5	78.3	78.6	79.4	79.7	80.0	82.2	84.0	82.0	82.1	82.1	84.2	84.2
6	84.8	85.0	86.5	87.4	88.1	88.0	87.5	87.2	87.8	88.4	88.2	87.9
7	82.4	80.5	80.6	81.6	83.0	83.0	82.3	82.3	81.1	81.1	78.9	78.9
8	84.8	92.3	87.5	—	—	—	—	—	—	—	—	—
9	—	—	—	87.8	88.3	88.4	87.9	89.8	89.8	89.8	88.4	87.4
10	87.1	85.5	89.0	89.0	89.0	89.0	89.0	89.0	88.9	88.5	88.3	86.3
11	81.1	80.6	81.6	80.8	—	80.8	80.8	80.8	80.8	80.8	80.8	80.8
12	72.9	74.1	73.8	74.4	74.5	75.0	75.3	74.8	74.8	74.8	74.8	74.8
13	79.2	80.7	79.9	83.3	—	85.4	86.5	86.5	86.5	83.9	84.0	85.5
14	86.5	86.5	88.0	88.0	—	87.2	86.0	86.7	87.3	84.8	86.0	85.0
15	96.8	94.3	92.5	—	—	—	—	—	—	—	—	—
16	—	—	—	110.7	105.6	103.2	96.2	80.5	90.0	90.0	84.6	93.4
17	90.2	93.3	92.8	90.5	90.5	88.7	87.8	91.1	91.2	92.4	89.7	88.8
18	90.0	91.0	90.0	88.3	89.9	89.9	90.1	87.5	—	88.4	89.6	89.6
19	86.5	83.3	88.7	90.0	89.8	89.8	89.8	89.0	89.0	89.1	89.1	89.2
20	87.0	89.2	89.9	85.6	93.0	93.0	92.5	91.2	90.6	89.0	89.0	91.0
21	84.8	84.8	84.7	85.2	85.4	84.6	85.3	84.2	86.6	88.4	87.2	89.7
22	88.9	88.9	88.2	—	—	—	—	—	—	—	—	—
23	—	—	—	88.2	88.2	88.2	88.2	88.2	88.3	89.0	88.3	87.2
24	87.5	87.5	87.0	89.7	89.4	89.9	89.9	90.2	90.1	90.1	90.7	88.4
25	86.7	86.5	87.4	87.7	87.7	88.0	88.0	89.7	88.4	88.4	88.4	88.4
26	86.7	88.3	88.1	88.1	85.5	86.6	87.1	85.5	85.9	85.9	85.6	84.5
27	84.1	83.9	83.9	83.9	—	84.7	83.5	82.7	83.6	85.0	85.0	86.8
28	76.0	88.1	84.5	85.7	84.6	87.4	91.7	93.0	90.0	88.5	89.0	88.5
29	90.8	92.7	90.5	—	—	—	—	—	—	—	—	—
30	—	—	—	86.7	86.7	86.7	87.9	88.5	88.5	88.5	88.4	90.0
31	86.0	87.9	87.6	88.8	88.8	88.8	88.8	88.8	88.7	88.2	86.0	85.1
Hourly Means	84.30	85.26	85.30	86.17	87.23	86.48	86.37	85.70	85.95	85.82	85.60	85.77
TEMPERATURE OF THE VERTICAL FORCE MAGNET.												
MAY.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.
1	55.2	55.2	55.2	—	—	—	—	—	—	—	—	—
2	—	—	—	53.3	53.2	53.0	52.8	52.7	52.2	52.0	51.8	51.8
3	54.0	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.4	54.6	54.8	54.8
4	56.8	56.7	56.7	57.0	—	56.8	56.8	56.8	56.8	56.8	56.8	56.8
5	55.8	55.4	55.2	54.9	54.3	53.8	53.3	53.2	52.6	52.2	52.0	51.8
6	51.5	51.2	50.9	50.7	50.5	50.2	50.0	49.9	49.6	49.4	49.4	49.4
7	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	52.9	52.8	52.8
8	55.2	55.2	55.2	—	—	—	—	—	—	—	—	—
9	—	—	—	51.3	51.1	51.0	50.7	50.6	50.4	50.2	50.2	50.2
10	50.7	50.6	50.6	50.4	50.4	50.2	50.2	50.0	50.0	49.8	49.8	50.0
11	53.2	53.3	53.5	53.8	—	53.9	54.0	54.0	54.0	54.0	54.0	54.0
12	58.0	58.0	58.0	57.9	57.8	57.5	57.2	57.3	57.2	57.0	56.8	56.6
13	54.0	53.8	53.4	53.0	—	52.2	51.8	51.6	51.2	50.8	50.4	50.2
14	51.8	51.4	51.4	51.2	—	51.0	50.9	50.8	50.5	50.3	50.2	50.1
15	52.2	52.2	52.2	—	—	—	—	—	—	—	—	—
16	—	—	—	50.2	50.0	49.8	49.6	49.4	49.2	48.9	48.5	48.3
17	50.4	50.0	49.8	49.6	49.3	49.0	48.8	48.4	47.8	47.3	47.0	47.0
18	49.7	49.7	49.6	49.4	49.4	49.3	49.2	49.2	—	49.0	48.8	48.8
19	51.1	50.9	50.7	50.7	50.3	50.0	49.8	49.8	49.4	49.0	48.8	48.5
20	50.0	49.9	49.8	49.7	49.5	49.2	49.2	49.2	49.2	49.2	49.2	49.0
21	51.8	51.9	51.8	51.7	51.5	51.3	51.2	51.0	50.6	50.2	50.0	50.0
22	48.8	48.8	48.8	—	—	—	—	—	—	—	—	—
23	—	—	—	49.8	49.8	49.8	49.8	49.7	49.6	49.4	49.2	49.0
24	49.9	49.8	49.2	49.0	48.8	48.5	48.3	47.9	47.7	47.5	47.2	47.3
25	49.9	49.8	49.7	49.6	49.4	49.4	49.2	49.2	49.1	49.1	49.0	49.0
26	50.8	50.8	50.8	50.8	50.8	50.8	50.8	51.0	50.9	50.6	50.6	50.4
27	51.2	51.3	51.4	51.4	—	51.2	51.1	51.1	51.0	50.8	50.8	50.8
28	51.0	50.6	50.3	50.1	49.8	49.4	49.2	49.0	48.6	48.2	47.9	48.0
29	49.8	49.8	49.8	—	—	—	—	—	—	—	—	—
30	—	—	—	50.7	50.6	50.5	50.3	50.2	50.0	49.8	49.6	49.2
31	50.0	49.9	49.8	49.7	49.8	49.8	49.8	49.8	49.7	49.5	49.3	49.5
Hourly Means	52.14	52.05	51.96	51.66	51.12	51.34	51.20	51.12	50.99	50.74	50.57	50.51

VERTICAL FORCE.												
One Scale Division = '000063 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah'. '00021.												
12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .	21 ^h .	22 ^h .	23 ^h .	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
86°0	87°0	88°2	90°6	88°8	86°1	84°0	81°9	80°7	81°2	80°2	82°6	83°38
76°4	79°5	79°5	79°5	79°5	78°1	75°4	74°6	73°5	74°2	73°8	73°3	78°43
76°1	77°1	77°1	77°8	79°0	78°4	78°4	76°4	—	75°2	75°3	76°3	76°14
85°0	85°0	86°5	86°5	87°1	85°0	85°0	82°4	82°4	81°3	82°1	82°1	82°80
87°9	85°9	85°9	86°4	86°5	86°3	84°0	81°5	83°5	82°3	81°5	81°3	85°82
77°3	79°2	88°3	83°2	87°8	96°5	82°0	86°5	118°8	118°2	112°4	110°2	88°17
86°7	87°6	87°7	89°5	90°6	91°1	92°0	90°0	91°8	93°0	90°2	86°4	89°12
85°9	86°0	87°8	88°7	90°0	91°3	91°3	87°7	85°0	81°8	81°5	81°7	87°39
80°8	81°5	81°2	81°1	79°6	79°0	78°0	76°0	75°7	75°3	75°0	74°4	79°45
73°6	73°9	75°9	75°9	77°4	80°3	81°0	79°8	79°2	79°4	79°9	80°4	76°28
85°0	85°4	84°5	86°7	87°2	87°5	87°0	84°8	84°8	84°8	84°2	84°2	84°67
87°3	87°3	87°3	86°2	85°3	85°3	85°3	85°3	84°7	85°1	94°8	98°9	87°17
96°6	93°7	92°2	92°0	94°2	93°5	91°7	91°0	89°5	89°1	88°7	93°8	93°49
95°6	93°1	93°1	94°9	95°0	91°3	93°2	90°1	91°1	92°7	90°7	90°0	91°57
89°6	89°2	87°2	90°2	92°4	91°7	89°7	88°5	89°0	88°4	86°1	86°1	89°43
92°8	92°8	90°4	91°9	96°3	96°3	92°9	90°0	92°0	87°7	88°5	87°8	90°11
87°6	87°7	87°7	89°2	88°3	88°3	90°3	85°4	83°1	82°4	82°4	84°3	88°24
88°4	90°4	89°5	89°6	90°9	90°6	90°4	88°1	87°6	88°7	89°0	88°4	87°60
87°3	88°7	88°7	89°4	88°4	88°4	88°8	85°6	86°5	85°3	86°5	87°2	87°94
87°4	86°5	88°0	89°0	90°5	91°0	90°2	89°0	87°0	85°7	—	85°9	88°72
88°7	89°2	88°9	89°9	90°2	90°6	89°8	88°3	87°6	88°3	86°5	86°0	88°30
84°5	86°5	86°5	88°0	88°0	88°0	85°8	85°8	85°8	84°3	81°9	82°7	86°07
86°8	86°0	87°0	87°6	89°1	93°9	94°6	85°6	81°8	87°5	86°5	88°5	86°17
88°5	88°0	89°2	91°0	92°7	88°4	85°1	92°1	101°5	a—	96°6	97°9	89°48
88°8	88°1	88°1	88°6	89°8	89°4	89°7	88°7	87°8	87°6	86°9	87°5	88°62
85°1	86°3	86°5	85°6	87°5	88°7	88°7	87°2	84°2	84°2	83°0	86°0	86°94
85°99	86°22	86°65	87°27	88°16	88°27	87°09	85°47	86°98	85°75	85°77	86°30	86°23
TEMPERATURE OF THE VERTICAL FORCE MAGNET.												
°	°	°	°	°	°	°	°	°	°	°	°	°
51°8	51°6	51°6	51°8	51°7	51°8	52°0	52°2	52°5	52°8	53°0	53°2	52°68
54°8	54°9	55°2	55°4	55°8	56°0	56°3	56°7	56°8	56°7	56°8	57°0	55°18
56°8	57°1	57°2	57°2	57°2	57°2	57°0	56°8	—	56°5	56°3	56°0	56°82
51°4	51°4	51°4	51°4	51°4	51°7	51°8	51°8	51°9	51°8	51°5	51°4	52°64
49°4	49°4	49°8	50°0	50°3	50°8	51°0	51°6	52°1	52°3	52°6	52°7	50°61
52°6	52°7	52°8	53°0	53°0	53°3	53°7	54°0	54°2	54°6	54°8	55°2	53°30
50°2	50°2	50°2	50°3	50°5	50°5	50°6	50°7	50°8	50°8	50°8	50°7	51°15
50°0	50°0	50°1	50°2	50°6	51°0	51°4	51°5	52°0	52°5	52°8	53°0	50°74
54°0	54°2	55°0	55°6	55°9	56°4	56°9	57°2	57°3	57°5	57°7	58°0	55°10
56°4	56°0	55°9	55°8	55°6	55°6	55°5	55°3	55°2	55°0	54°8	54°3	56°45
50°1	50°1	50°3	50°6	50°8	51°0	51°2	51°7	52°0	52°0	51°9	51°9	51°57
50°0	50°0	50°4	50°6	50°8	51°0	51°4	51°7	51°8	52°1	52°1	52°3	51°04
48°2	48°2	48°5	49°0	49°4	49°6	49°8	50°0	50°0	50°2	50°2	50°0	49°73
46°8	46°8	47°0	47°2	47°2	47°8	48°3	48°7	48°9	49°2	49°4	49°5	48°38
48°8	48°8	49°2	49°5	49°8	50°1	50°6	50°8	50°8	50°8	50°8	51°0	49°70
48°2	48°1	48°3	48°6	49°0	49°2	49°4	49°6	49°8	49°8	50°0	50°0	49°54
49°0	49°2	49°4	49°8	50°0	50°3	50°6	51°3	51°8	52°0	52°1	52°0	50°02
49°7	49°6	49°6	49°7	49°6	49°6	49°6	49°6	49°4	49°4	49°3	49°1	50°30
49°0	49°0	49°0	49°5	50°0	50°0	50°2	50°3	50°5	50°3	50°3	50°1	49°61
47°3	47°3	47°7	48°0	48°2	48°9	49°2	49°6	49°9	49°9	—	49°8	48°56
49°0	49°0	49°1	49°2	49°3	49°6	49°7	50°2	50°6	50°4	50°7	50°7	49°58
50°4	50°4	50°3	50°4	50°4	50°6	50°8	50°9	51°0	51°0	51°1	51°2	50°73
50°6	50°5	50°5	50°8	50°8	51°0	51°2	51°4	51°5	51°4	51°2	51°1	51°05
48°0	47°8	48°2	48°4	48°6	48°8	49°1	49°4	49°8	—	49°9	49°9	49°13
49°2	49°0	49°0	49°2	49°2	49°2	49°3	49°5	49°5	49°5	49°5	49°5	49°66
49°6	49°7	50°0	50°8	50°8	51°0	51°2	51°5	51°6	51°6	51°6	51°4	50°31
50°43	50°42	50°60	50°85	50°99	51°23	51°45	51°70	51°67	52°00	52°05	51°96	51°29

^a Vibrating.

VERTICAL FORCE.													
One Scale Division = '000065 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah° = '00021.													
Mean Göttingen Time. }	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
JUNE.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
	1	87.8	80.2	89.5	89.1	89.1	89.1	89.4	81.6	87.3	85.0	84.6	87.5
	2	86.8	87.5	85.7	86.1	86.5	86.5	87.0	87.0	86.6	84.8	84.2	83.3
	3	90.0	87.7	89.6	91.5	91.5	91.5	92.0	92.4	92.4	91.9	92.0	90.2
	4	92.7	94.8	94.8	94.8	94.8	94.0	94.4	93.5	92.5	92.3	91.5	90.6
	5	90.7	90.9	89.8	—	—	—	—	—	—	—	—	—
	6	—	—	—	92.6	92.6	92.6	92.6	92.6	93.0	93.8	92.0	90.9
	7	92.4	93.2	93.2	94.1	—	94.0	92.8	92.8	93.0	91.8	90.5	88.8
	8	88.1	90.3	90.8	90.8	91.7	92.4	92.5	92.1	—	92.1	92.1	92.1
	9	90.7	90.2	90.5	91.5	90.0	91.6	93.0	92.3	90.7	89.9	89.5	88.3
	10	89.2	85.4	92.4	91.9	90.4	87.0	78.0	92.2	92.2	91.4	90.5	88.3
	11	83.3	90.0	89.0	88.9	86.0	83.9	88.2	85.6	87.8	91.0	89.8	87.8
	12	90.3	90.9	90.8	—	—	—	—	—	—	—	—	—
	13	—	—	—	90.1	94.7	93.7	90.8	88.6	91.4	92.1	93.0	91.2
	14	84.8	77.6	88.3	86.6	84.1	90.6	85.3	82.5	—	88.2	94.3	88.5
	15	90.2	90.0	90.3	90.6	92.7	92.7	91.8	91.5	90.1	88.0	89.0	89.0
	16	89.9	89.9	91.8	91.8	91.6	91.6	92.7	94.0	92.4	93.5	92.4	90.2
	17	90.6	88.7	89.9	90.9	90.6	90.3	90.3	89.8	91.3	91.3	91.3	90.2
	18	86.7	88.2	88.4	88.8	90.4	88.4	89.8	90.5	90.2	89.7	89.3	91.1
	19	90.0	91.3	91.3	—	—	—	—	—	—	—	—	—
	20	—	—	—	—	85.5	85.8	85.5	85.0	85.0	85.0	85.0	84.2
	21	85.9	87.8	87.0	87.1	—	90.7	90.7	90.7	91.0	88.3	88.3	88.3
	22	90.0	91.7	86.1	92.3	92.3	92.3	91.5	91.5	90.2	89.8	90.3	89.7
	23	86.3	88.0	88.5	88.8	—	89.5	89.8	90.5	90.5	90.5	90.5	89.9
	24	86.5	86.8	87.3	88.9	87.6	88.6	88.9	88.5	88.7	89.3	88.4	88.6
	25	87.9	89.2	89.2	90.7	90.7	90.7	92.4	91.5	91.3	90.2	91.3	89.5
	26	89.4	89.4	90.8	—	—	—	—	—	—	—	—	—
	27	—	—	—	98.5	98.5	98.5	98.7	98.7	96.3	95.7	95.7	94.8
	28	91.2	91.5	93.0	93.0	94.0	94.4	94.8	94.8	91.0	92.5	93.2	91.3
	29	90.4	91.6	92.2	92.6	92.6	92.8	93.2	93.2	93.2	92.9	92.9	92.2
	30	90.0	90.3	90.6	90.7	91.5	91.5	91.5	91.2	—	92.0	92.0	91.4
Hourly Means	88.91	88.96	90.03	90.91	90.84	90.83	90.68	90.56	90.77	90.50	90.52	89.53	
TEMPERATURE OF THE VERTICAL FORCE MAGNET.													
JUNE.	1	51.6	51.4	51.4	51.2	51.0	51.0	50.8	50.7	50.5	50.3	50.2	50.1
	2	52.1	52.1	52.1	52.1	52.0	51.8	51.8	51.6	51.5	51.3	51.2	51.3
	3	49.9	49.8	49.7	49.3	49.2	49.0	48.8	48.6	48.3	48.1	47.9	47.8
	4	48.0	47.8	47.6	47.6	47.6	47.5	47.3	47.2	47.1	47.1	47.1	46.9
	5	47.8	47.7	47.8	—	—	—	—	—	—	—	—	—
	6	—	—	—	47.0	46.8	46.6	46.4	46.4	46.1	45.9	45.7	45.4
	7	47.2	47.0	46.8	46.8	—	46.2	46.1	46.1	46.1	46.0	46.0	45.8
	8	47.2	47.2	47.1	47.1	47.1	47.0	46.9	46.8	—	46.6	46.4	46.2
	9	47.2	47.1	47.1	47.0	47.0	47.0	46.8	46.8	46.8	46.7	46.6	46.4
	10	48.0	48.0	48.2	48.4	48.4	48.3	48.2	48.2	48.2	48.2	48.2	48.2
	11	49.1	49.0	49.0	48.9	48.9	48.8	48.6	48.4	48.0	47.8	47.6	47.4
	12	47.2	47.3	47.3	—	—	—	—	—	—	—	—	—
	13	—	—	—	47.0	46.9	46.7	46.4	46.3	46.2	46.1	46.0	46.0
	14	49.7	49.7	49.6	49.4	49.2	49.1	48.8	48.6	—	48.0	47.8	47.4
	15	47.3	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
	16	48.4	48.2	48.0	47.6	47.5	47.2	47.0	46.8	46.3	46.2	46.2	46.0
	17	47.7	47.8	47.8	47.9	47.9	48.0	48.0	48.0	48.0	47.8	47.8	48.0
	18	49.3	49.4	49.4	49.6	49.4	49.4	49.2	49.0	48.8	48.5	48.2	47.9
	19	47.8	47.6	47.6	—	—	—	—	—	—	—	—	—
	20	—	—	—	—	50.7	50.7	50.7	50.7	50.6	50.4	50.4	50.4
	21	50.0	49.9	49.6	49.1	—	48.6	48.2	47.8	47.5	47.3	47.0	46.8
	22	48.4	48.3	48.2	48.2	48.0	47.8	47.8	47.8	47.6	47.3	47.1	47.0
	23	48.8	48.7	48.5	48.4	—	48.0	47.8	47.6	47.4	47.2	47.0	46.8
	24	49.2	49.0	49.0	48.6	48.6	48.3	48.3	48.4	47.8	47.5	47.1	46.9
	25	48.0	47.8	47.8	47.6	47.6	47.2	46.9	46.7	46.2	46.0	45.8	45.4
	26	46.0	45.8	45.7	—	—	—	—	—	—	—	—	—
	27	—	—	—	42.8	42.6	42.6	42.4	42.2	42.3	42.1	42.0	41.9
	28	44.3	44.2	44.2	44.3	44.4	44.4	44.2	44.2	44.2	44.2	44.2	44.3
	29	45.7	45.8	45.5	45.4	45.1	44.9	44.7	44.6	44.4	44.0	43.6	43.6
	30	45.9	45.7	45.7	45.6	45.7	45.5	45.2	45.0	—	44.7	44.5	44.4
	Hourly Means	48.15	48.06	47.99	47.76	47.77	47.65	47.48	47.37	47.27	47.01	46.88	46.75

VERTICAL FORCE.

One Scale Division = '000065 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah'. = '00021.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
86.3	90.7	86.2	85.4	85.4	85.4	85.4	84.3	84.5	82.0	81.7	86.2	85.99
82.8	84.3	84.0	84.8	87.0	87.0	87.9	87.5	88.5	88.9	88.5	90.6	86.41
89.7	90.5	91.5	92.9	93.4	92.0	91.5	91.7	91.0	90.0	91.0	92.7	91.26
90.6	90.6	90.6	90.6	90.7	91.5	91.5	91.5	89.5	89.4	89.4	89.7	91.93
—	—	—	—	—	—	—	—	—	—	—	—	92.22
89.6	90.2	89.5	91.6	97.4	97.4	97.4	93.5	91.1	91.1	91.1	89.4	92.93
88.8	90.5	90.5	93.0	93.0	94.8	95.5	96.3	96.3	102.5	90.0	89.5	91.77
90.5	89.4	89.4	90.0	92.7	94.1	92.1	90.7	90.5	91.5	91.5	93.3	90.32
87.8	87.8	89.2	90.2	94.5	94.5	92.0	90.5	89.0	87.7	87.7	88.6	89.03
88.3	88.3	86.0	87.9	89.5	92.3	89.4	92.1	93.0	89.1	88.1	83.8	89.41
87.8	89.6	97.1	92.9	89.6	91.6	91.3	90.7	90.0	89.6	92.8	91.5	92.42
—	—	—	—	—	—	—	—	—	—	—	—	88.06
94.8	94.4	94.4	96.8	97.8	94.8	97.0	95.5	90.7	90.6	84.7	89.0	90.20
86.2	87.1	89.0	90.6	94.0	93.7	92.0	88.4	87.8	87.8	88.5	89.4	92.11
87.6	89.4	89.5	89.7	92.7	91.2	90.8	89.2	89.2	89.9	89.9	89.9	90.05
92.2	92.2	92.2	92.2	95.7	94.8	92.3	90.9	92.2	—	91.0	91.0	90.62
89.3	92.1	88.8	89.7	92.0	98.2	91.4	88.6	86.6	86.6	86.4	86.4	85.88
90.2	90.9	90.6	92.6	94.4	96.8	96.8	92.8	89.4	89.4	89.4	90.0	89.33
—	—	—	—	—	—	—	—	—	—	—	—	90.20
83.2	81.6	83.7	84.6	86.3	87.4	87.8	86.5	85.0	84.6	84.7	86.2	89.13
89.8	89.0	88.5	92.0	94.2	94.2	91.8	89.6	87.5	86.4	86.4	89.5	89.65
89.7	89.7	91.7	93.5	93.6	92.2	90.9	89.3	87.7	86.3	86.3	86.3	90.59
89.9	88.4	89.0	90.0	91.4	92.9	91.0	89.4	87.9	86.1	85.6	85.6	94.89
89.1	89.5	90.4	92.4	95.3	95.3	92.5	91.8	90.8	89.3	89.3	87.9	92.22
91.0	91.4	92.0	91.2	92.8	93.2	92.7	90.5	88.8	88.9	88.8	88.2	92.46
—	—	—	—	—	—	—	—	—	—	—	—	91.39
94.4	94.4	93.5	95.4	97.8	97.8	96.6	94.3	92.8	91.8	91.8	91.8	90.39
93.4	92.5	91.9	95.7	93.5	93.2	91.4	91.7	89.8	89.2	89.3	87.0	—
92.2	93.3	92.6	91.5	92.6	94.0	94.9	93.5	91.2	91.2	92.8	89.5	—
89.9	91.1	90.4	92.3	95.0	98.3	94.5	93.6	89.3	88.3	88.4	88.2	—
89.43	89.96	90.08	91.13	92.78	93.41	92.25	90.94	89.62	89.13	88.66	88.89	90.39

TEMPERATURE OF THE VERTICAL FORCE MAGNET.

50.2	50.4	50.4	50.8	51.0	51.3	51.7	51.9	52.0	52.0	52.0	52.0	51.08
51.1	51.0	50.9	50.8	50.8	51.0	51.0	50.9	50.7	50.6	50.3	50.0	51.25
47.6	47.6	47.7	47.9	47.8	48.0	48.1	48.2	48.4	48.2	48.2	48.0	48.42
46.8	47.2	47.2	47.4	47.4	47.8	47.9	48.0	48.0	48.0	47.9	47.9	47.51
—	—	—	—	—	—	—	—	—	—	—	—	46.53
45.2	45.3	45.6	45.8	46.2	46.6	46.8	46.8	47.2	47.2	47.2	47.2	46.37
45.8	45.6	45.8	46.0	46.0	46.0	46.3	46.5	46.8	47.0	47.2	47.4	46.70
46.2	46.0	45.9	45.9	46.0	46.3	46.7	47.0	47.0	47.1	47.1	47.2	46.99
46.3	46.4	46.5	46.6	46.8	47.0	47.2	47.2	47.6	47.8	47.8	48.0	48.46
48.2	48.2	48.4	48.5	48.5	48.8	48.8	48.9	49.0	49.0	49.1	49.1	47.70
47.2	46.9	46.7	46.4	46.7	46.8	46.9	47.0	47.1	47.1	47.2	47.2	47.15
—	—	—	—	—	—	—	—	—	—	—	—	47.94
46.0	46.0	46.2	46.6	46.9	47.8	48.0	48.4	48.8	49.0	49.2	49.3	47.81
47.2	47.0	46.9	46.7	47.0	47.1	47.1	47.2	47.2	47.4	47.3	47.2	46.85
47.1	47.6	48.0	48.1	48.6	48.8	48.8	48.8	48.8	49.0	48.8	48.6	48.14
46.0	45.8	45.8	46.0	46.2	46.3	46.6	46.9	47.2	—	47.6	47.7	48.42
47.8	47.8	47.9	48.0	48.0	48.1	48.2	48.6	48.8	49.0	49.0	49.2	50.12
47.6	47.6	47.6	47.7	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.10
—	—	—	—	—	—	—	—	—	—	—	—	47.84
50.2	50.2	50.2	50.3	50.5	50.7	50.7	50.8	50.6	50.5	50.3	50.1	47.91
46.7	46.9	47.1	47.3	47.6	48.0	48.2	48.4	48.5	48.6	48.7	48.6	47.60
46.8	47.0	47.0	47.2	47.3	47.9	48.2	48.3	48.6	48.8	48.8	48.8	46.51
46.6	46.7	46.8	47.3	47.7	47.9	48.1	48.6	48.6	48.8	49.2	49.5	42.86
46.7	46.6	46.4	46.4	46.6	46.8	46.8	47.0	47.2	47.6	47.6	47.8	44.64
45.5	45.3	45.5	45.6	46.0	46.2	46.3	46.5	46.6	46.6	46.7	46.5	44.55
—	—	—	—	—	—	—	—	—	—	—	—	45.36
41.8	41.8	41.8	42.0	42.4	42.5	42.6	42.8	43.0	43.1	43.2	43.3	47.42
44.4	44.2	44.2	44.4	44.6	44.8	45.1	45.3	45.3	45.8	46.1	46.0	—
43.4	43.3	43.2	43.3	43.8	44.1	44.6	44.8	45.0	45.2	45.4	45.8	—
44.3	44.6	44.6	44.8	45.2	45.4	45.6	46.0	46.2	46.2	46.2	46.2	—
46.64	46.65	46.70	46.84	47.05	47.31	47.47	47.65	47.78	47.90	47.93	47.95	47.42

VERTICAL FORCE.												
One Scale Division = '000063 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah° = '00021.												
Mean Göttingen Time. } JULY.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.
1	89°0	90°3	91°0	91°0	92°2	93°0	92°8	92°8	90°8	90°3	90°6	89°4
2	88°0	88°0	88°6	89°1	89°6	89°6	90°1	89°1	—	88°8	88°2	87°0
3	88°9	89°0	88°9	—	—	—	—	—	—	—	—	—
4	—	—	—	89°0	89°0	89°0	89°0	89°0	87°2	86°7	86°2	85°4
5	84°6	84°6	85°0	86°1	86°4	87°0	87°0	87°1	87°0	87°0	86°6	86°1
6	86°9	87°8	88°2	89°7	88°4	88°6	90°0	90°0	89°3	89°3	89°3	89°5
7	96°8	93°5	93°5	93°1	87°7	89°8	89°8	90°7	90°5	91°5	90°0	89°3
8	90°3	91°0	91°6	91°2	91°7	91°8	91°8	91°9	91°8	91°8	91°0	91°0
9	88°8	89°0	87°0	89°9	—	87°6	85°0	82°2	86°8	88°0	93°0	95°9
10	89°7	90°8	90°8	—	—	—	—	—	—	—	—	—
11	—	—	—	87°1	85°7	86°8	89°5	90°0	—	—	—	87°4
12	86°0	87°1	85°6	89°0	91°0	88°5	86°4	87°5	—	87°8	89°1	89°1
13	90°7	92°7	84°7	93°8	93°8	93°8	94°1	94°8	91°3	91°3	92°9	93°5
14	91°6	91°6	88°5	90°1	90°9	91°0	90°5	90°9	90°9	89°3	89°3	90°7
15	88°0	88°4	88°5	89°0	89°0	89°0	89°0	87°7	87°7	88°0	89°3	89°3
16	87°8	89°2	89°8	90°1	90°1	90°0	89°5	89°3	89°3	88°6	87°2	86°4
17	94°0	92°3	91°0	—	—	—	—	—	—	—	—	—
18	—	—	—	91°8	91°8	91°8	90°7	90°7	89°6	89°6	89°4	88°8
19	85°8	86°9	86°5	84°7	86°2	88°4	88°4	88°4	86°5	86°2	86°0	84°7
20	88°5	82°2	84°8	86°6	86°6	87°7	88°3	88°1	88°1	88°9	88°9	86°0
21	90°0	90°2	91°2	92°6	93°0	93°5	93°5	94°0	94°0	92°5	92°5	89°4
22	94°7	91°0	90°7	90°7	90°0	90°0	91°8	91°3	90°5	90°7	89°5	87°7
23	87°0	88°9	87°7	86°1	88°9	88°0	88°5	88°7	88°7	87°3	88°0	88°0
24	87°5	87°2	88°0	—	—	—	—	—	—	—	—	—
25	—	—	—	91°3	91°6	92°0	91°8	92°0	91°9	91°3	91°5	90°8
26	89°7	89°7	91°2	92°9	91°5	91°0	89°9	89°9	89°9	89°9	89°9	89°3
27	86°5	86°4	84°8	85°8	85°8	85°8	86°2	86°5	86°2	85°9	86°3	84°1
28	83°2	83°2	84°2	84°6	84°5	84°8	85°1	85°1	86°8	86°7	85°3	85°0
29	87°2	88°1	87°9	88°7	89°0	88°8	89°0	89°0	—	88°2	87°5	86°5
30	85°1	84°8	84°6	85°4	86°2	86°8	86°2	85°9	87°0	86°5	85°6	83°5
Hourly Means	88°70	88°61	88°63	89°21	89°22	89°39	89°38	89°72	89°17	88°88	88°92	88°22

TEMPERATURE OF THE VERTICAL FORCE MAGNET.												
1	46°2	46°0	46°0	45°8	45°7	45°6	45°4	45°3	45°2	45°2	45°2	45°3
2	47°0	46°9	46°9	46°8	46°7	46°6	46°3	46°2	—	46°0	45°8	45°8
3	46°6	46°2	46°2	—	—	—	—	—	—	—	—	—
4	—	—	—	46°9	47°0	47°0	47°0	47°0	47°0	47°0	47°1	47°1
5	48°4	48°3	48°2	48°0	47°9	47°8	47°6	47°3	47°2	47°0	46°5	46°7
6	47°3	47°1	47°0	47°0	46°8	46°6	46°2	45°8	45°4	45°0	44°8	44°3
7	44°8	45°0	44°8	45°0	45°0	44°8	44°8	44°6	44°6	44°5	44°2	44°1
8	45°6	45°7	45°7	45°6	45°6	45°5	45°4	45°3	45°2	45°0	44°8	44°8
9	46°0	45°9	45°7	45°7	—	45°6	45°4	45°2	45°2	45°2	45°2	45°3
10	48°4	48°2	48°2	—	—	—	—	—	—	—	—	—
11	—	—	—	48°1	48°0	48°0	48°0	47°8	—	—	—	47°0
12	49°3	49°3	49°0	48°9	48°5	48°2	48°0	47°8	—	47°2	46°9	46°6
13	47°4	47°2	47°0	46°8	46°5	46°3	46°1	45°9	45°8	45°6	45°3	45°1
14	47°2	47°3	47°3	47°4	47°3	47°5	47°5	47°5	47°6	47°6	47°6	47°6
15	48°6	48°6	48°5	48°4	48°4	48°2	48°0	48°0	47°8	47°8	47°5	47°4
16	48°4	48°2	48°0	47°8	47°7	47°6	47°3	47°2	47°1	47°1	47°1	47°0
17	47°3	47°3	47°5	—	—	—	—	—	—	—	—	—
18	—	—	—	46°4	46°4	46°6	46°6	46°6	46°5	46°6	46°6	46°5
19	49°4	49°2	49°2	49°0	49°0	48°9	48°8	48°7	48°5	48°3	48°2	48°5
20	50°0	49°8	49°5	49°2	48°9	48°4	48°2	47°9	47°6	47°2	47°0	46°8
21	45°7	45°6	45°3	45°2	45°0	44°8	44°8	44°7	44°7	44°5	44°2	44°6
22	45°3	45°6	45°7	45°8	46°0	46°0	46°0	46°0	46°0	46°0	45°8	45°8
23	48°3	48°2	48°0	47°9	47°8	47°6	47°3	47°1	47°0	47°0	46°8	46°6
24	47°5	47°4	47°2	—	—	—	—	—	—	—	—	—
25	—	—	—	46°2	46°0	46°0	45°8	45°8	45°8	45°7	45°6	45°3
26	46°2	46°2	46°0	46°0	46°0	46°0	46°1	46°1	46°0	46°0	46°0	46°0
27	48°6	48°7	48°8	48°8	48°8	48°8	48°8	48°8	48°7	48°5	48°5	48°7
28	50°2	50°0	49°8	49°4	49°0	48°7	48°3	48°2	48°0	47°7	47°3	47°0
29	46°8	46°7	46°6	46°6	46°3	46°2	46°2	46°2	—	46°2	46°2	46°2
30	49°0	49°0	49°0	48°8	48°6	48°4	48°2	48°0	47°7	47°3	47°0	47°0
Hourly Means	47°52	47°45	47°35	47°21	47°16	46°99	46°85	46°73	46°57	46°45	46°29	46°27

VERTICAL FORCE.

One Scale Division = '000063 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '00021.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div. 89'4	Sc. Div. 89'4	Sc. Div. 90'2	Sc. Div. 89'4	Sc. Div. 90'0	Sc. Div. 89'5	Sc. Div. 89'5	Sc. Div. 87'8	Sc. Div. —	Sc. Div. 87'3	Sc. Div. 87'3	Sc. Div. 86'5	Sc. Div. 89'98
87'9	87'9	89'2	89'6	90'4	90'4	89'5	89'5	88'5	88'6	86'6	87'8	88'78
—	—	—	—	—	—	—	—	—	—	—	—	86'50
84'9	86'6	84'0	85'4	86'7	83'3	83'3	87'0	84'5	84'0	84'0	85'0	86'85
84'6	84'6	86'7	86'8	87'3	87'4	88'2	88'2	88'6	91'8	89'7	85'9	89'50
88'8	90'0	90'7	87'8	92'5	92'2	92'0	89'4	89'9	88'7	—	—	91'52
87'5	89'7	91'3	92'2	95'2	95'6	96'2	91'7	89'6	90'3	90'8	90'3	91'00
91'3	91'0	90'3	90'7	92'4	91'7	91'2	92'3	89'0	89'0	89'0	89'2	90'88
95'3	95'7	94'7	95'9	93'5	94'2	92'7	97'2	88'3	86'0	93'8	89'7	89'29
—	—	—	—	—	—	—	—	—	—	—	—	90'06
88'9	89'7	100'0	93'8	86'7	88'8	86'9	88'1	90'9	85'0	90'3	88'1	92'83
92'7	92'2	95'4	90'7	90'7	90'7	94'5	93'4	92'0	91'2	90'0	90'7	90'01
93'2	92'7	97'7	94'8	93'0	94'9	92'4	92'8	90'3	89'5	90'0	88'3	88'80
89'2	89'9	92'3	91'5	90'2	90'6	91'8	88'7	88'7	88'0	86'8	87'2	89'78
89'8	88'8	88'6	88'6	88'3	92'1	90'5	90'3	88'6	87'7	87'1	87'8	89'69
89'4	89'4	89'4	91'2	93'0	91'6	92'0	91'0	89'5	90'0	90'0	91'0	85'73
—	—	—	—	—	—	—	—	—	—	—	—	89'03
88'4	92'5	91'4	90'7	92'3	88'9	88'9	87'0	85'2	84'3	84'9	86'6	92'85
83'7	83'7	85'5	85'7	85'7	86'5	85'5	83'9	82'7	82'7	84'6	88'6	88'02
86'0	87'5	88'4	91'4	92'4	93'7	94'2	93'8	92'1	91'5	90'8	90'3	91'34
89'4	91'4	92'6	92'3	93'9	94'0	100'0	96'6	94'3	92'6	92'6	92'4	89'08
84'2	84'2	86'8	87'8	92'2	95'8	88'8	84'7	86'9	84'6	85'5	85'5	85'49
87'3	86'8	86'7	91'6	92'6	91'4	88'0	87'5	86'2	86'2	85'6	86'9	86'68
—	—	—	—	—	—	—	—	—	—	—	—	87'27
90'8	92'2	92'9	92'9	92'2	93'7	93'7	93'2	92'1	90'4	90'4	90'7	86'24
88'5	87'4	88'7	88'8	87'0	89'1	89'0	88'4	85'6	88'6	85'4	86'6	88'11
84'0	83'6	85'2	85'0	89'1	85'8	86'7	87'2	86'0	83'9	83'9	81'0	88'62
85'0	86'3	89'6	91'7	91'7	91'6	90'4	88'5	88'2	87'6	85'0	86'3	90'06
86'3	86'4	86'9	87'4	86'6	89'1	87'4	85'8	86'4	85'8	85'8	83'3	90'24
84'4	84'5	86'3	92'6	91'7	91'0	87'5	84'9	84'6	84'6	85'5	84'5	90'66
88'11	88'62	90'06	90'24	90'66	90'91	90'45	89'57	88'35	87'69	87'82	87'61	89'08

TEMPERATURE OF THE VERTICAL FORCE MAGNET.

45'6	45'6	46'0	46'0	46'2	46'3	46'5	46'7	—	46'9	46'9	47'0	45'94
45'6	45'7	45'7	45'8	46'0	46'1	46'3	46'5	46'5	46'5	46'5	46'6	46'30
—	—	—	—	—	—	—	—	—	—	—	—	47'46
47'0	47'1	47'2	47'7	48'1	48'3	48'3	48'5	48'7	48'7	48'7	48'6	47'27
46'5	46'5	46'3	46'4	46'6	46'8	47'1	47'3	47'5	47'4	47'6	47'5	45'30
44'2	44'0	44'1	44'1	44'2	44'3	44'2	44'6	44'8	44'9	—	—	44'64
44'0	44'0	44'0	44'0	44'1	44'3	44'7	44'9	45'1	45'2	45'3	45'5	45'30
44'8	44'6	44'7	44'7	44'8	45'0	45'3	45'6	45'8	45'9	45'9	46'0	46'33
45'6	45'6	45'8	46'2	46'6	47'0	47'5	47'8	48'2	48'2	48'2	48'4	48'19
—	—	—	—	—	—	—	—	—	—	—	—	47'57
47'0	47'0	47'2	47'8	48'1	48'2	49'0	49'1	49'2	49'2	49'2	49'2	46'00
46'2	46'4	46'4	46'6	46'8	47'0	47'4	47'5	47'6	47'6	47'6	47'5	47'76
45'0	45'0	45'0	45'2	45'3	45'7	45'8	46'1	46'2	46'3	46'7	46'8	48'14
47'7	47'6	47'7	47'7	47'9	48'1	48'2	48'2	48'3	48'3	48'5	48'6	47'35
47'3	47'5	47'7	48'0	48'2	48'2	48'3	48'5	48'8	48'6	48'6	48'5	47'41
47'0	47'0	47'0	47'0	47'0	47'1	47'2	47'2	47'3	47'3	47'4	47'4	49'18
—	—	—	—	—	—	—	—	—	—	—	—	47'06
46'5	46'5	46'7	47'2	47'8	48'2	48'4	48'7	49'2	49'2	49'4	49'2	44'84
48'6	48'6	48'8	49'0	49'3	49'7	50'1	50'2	50'1	50'2	50'1	50'0	46'54
46'4	46'0	46'0	45'7	45'7	45'7	45'6	45'6	45'3	45'7	45'5	45'7	47'32
44'7	44'4	44'6	44'4	44'6	44'3	44'5	44'8	45'2	45'4	45'0	45'1	45'81
46'0	46'0	46'2	46'3	46'8	47'0	47'4	48'0	48'2	48'3	48'4	48'3	46'66
46'4	46'3	46'7	46'8	47'1	47'2	47'5	47'6	47'6	47'7	47'6	47'5	49'27
—	—	—	—	—	—	—	—	—	—	—	—	47'75
45'2	45'2	45'2	45'4	45'2	45'2	45'2	45'3	45'7	45'8	45'8	46'0	47'27
45'8	46'0	46'2	46'7	47'0	47'2	47'6	47'9	48'0	48'2	48'2	48'5	47'86
45'6	48'7	49'0	49'5	49'8	49'8	50'2	50'4	50'5	50'6	50'5	50'4	46'23
47'0	47'0	46'8	46'6	46'8	46'6	46'7	46'8	47'0	47'0	47'0	47'0	46'20
46'2	46'2	46'8	47'5	48'0	48'6	48'8	49'0	48'9	49'0	49'0	49'0	46'33
47'0	46'8	46'7	46'8	47'2	47'4	47'6	48'0	48'2	48'4	48'4	48'2	46'50
46'23	46'20	46'33	46'50	46'74	46'90	47'13	47'34	47'52	47'56	47'68	47'70	46'74

VERTICAL FORCE.													
One Scale Division = '000062 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '00021.													
Mean Göttingen Time. }	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
July 31	86·5	86·5	86·5	—	—	—	—	—	—	—	—	—	
AUGUST.	1	—	—	88·3	88·0	87·0	88·3	88·2	88·2	88·2	88·2	85·9	
	2	86·3	87·1	87·5	87·9	87·9	87·9	87·9	86·4	86·2	84·8	82·8	
	3	84·1	84·4	85·0	85·8	85·8	85·6	85·6	85·6	84·8	84·8	85·1	83·1
	4	87·9	89·0	85·6	86·0	86·8	86·2	86·2	85·6	85·0	83·3	80·5	80·5
	5	90·6	90·0	88·5	75·7	89·3	80·2	80·2	79·2	—	84·0	89·5	86·4
	6	89·4	89·4	89·4	91·9	89·0	89·0	88·6	87·1	88·7	87·7	87·4	88·4
	7	86·0	86·5	80·3	—	—	—	—	—	—	—	—	—
	8	—	—	—	—	86·5	88·0	89·2	90·4	90·4	88·8	87·3	90·6
	9	85·9	87·8	87·2	86·8	86·8	87·9	86·4	88·7	88·2	88·0	87·4	92·6
	10	85·1	86·3	86·3	86·3	—	87·1	86·9	86·9	86·8	86·8	86·8	85·9
	11	82·6	82·8	82·9	83·4	—	83·9	84·2	84·0	84·0	84·0	83·0	84·7
	12	80·2	81·3	81·3	80·9	84·3	82·5	83·6	83·6	—	83·6	85·7	84·5
	13	79·5	79·5	80·5	80·5	80·3	79·8	79·7	79·3	—	77·9	77·9	77·4
	14	77·9	82·4	83·2	—	—	—	—	—	—	—	—	—
	15	—	—	—	83·3	84·1	84·1	84·7	85·3	85·0	84·7	84·5	83·6
	16	84·6	81·0	79·4	79·4	80·8	82·9	78·6	80·8	80·1	80·1	79·9	82·0
	17	79·2	81·8	79·2	80·4	—	81·2	82·4	79·9	78·6	78·6	79·1	80·2
	18	79·9	79·9	80·8	81·3	81·3	81·5	81·3	82·0	82·1	82·5	79·2	80·4
	19	80·0	81·6	81·6	82·8	83·0	83·4	82·0	81·8	82·2	83·0	83·0	83·0
	20	88·0	89·5	87·4	86·8	87·6	88·2	88·2	87·4	—	86·4	84·8	83·2
	21	84·9	83·9	84·0	—	—	—	—	—	—	—	—	—
	22	—	—	—	89·0	88·2	89·5	87·6	90·8	90·8	90·8	89·8	91·4
	23	82·5	82·7	84·4	80·2	82·8	85·0	87·6	86·3	85·6	86·0	87·7	86·4
	24	86·4	85·3	86·0	87·2	87·2	87·2	87·2	87·2	87·9	89·2	87·3	87·1
	25	90·7	90·7	84·6	84·6	85·5	85·0	88·3	85·6	87·8	90·8	83·4	88·5
	26	91·6	90·7	87·8	86·7	—	86·7	86·2	86·2	86·0	86·0	85·4	83·6
	27	74·4	74·4	75·2	76·9	76·9	76·9	76·9	77·2	76·7	77·0	75·7	75·3
	28	85·2	79·9	71·3	—	—	—	—	—	—	—	—	—
	29	—	—	—	81·2	81·2	80·8	80·5	82·0	82·0	82·0	79·2	79·2
	30	78·3	81·5	81·5	81·5	81·2	74·0	77·9	81·2	81·5	80·2	79·5	79·0
	31	77·9	77·9	78·2	80·6	—	80·4	80·4	80·0	80·0	79·6	80·7	78·0
Hourly Means	83·91	84·13	83·04	83·67	84·75	84·14	84·32	84·45	84·73	84·45	83·81	83·84	
TEMPERATURE OF THE VERTICAL FORCE MAGNET.													
	°	°	°	°	°	°	°	°	°	°	°	°	
July 31	48·2	48·2	48·2	—	—	—	—	—	—	—	—	—	
AUGUST.	1	—	—	47·1	47·0	46·9	46·6	46·4	46·2	46·0	45·6	45·6	
	2	47·5	47·3	47·4	47·4	47·4	47·4	47·2	47·0	46·8	46·8	47·0	
	3	48·6	48·6	48·6	48·6	48·4	48·4	48·3	48·2	48·1	48·0	47·8	
	4	50·0	49·8	49·8	49·7	49·2	49·0	49·0	48·8	48·8	48·8	48·4	
	5	50·0	50·0	49·8	49·7	49·6	49·4	49·0	48·8	—	48·2	47·8	
	6	47·4	47·4	47·2	47·0	46·9	46·9	46·8	46·7	46·7	46·6	46·5	
	7	49·0	49·0	49·0	—	—	—	—	—	—	—	—	
	8	—	—	—	—	48·2	48·0	47·8	47·8	47·8	47·6	47·3	
	9	49·6	49·4	49·0	48·8	48·8	48·6	48·3	48·0	47·8	47·6	47·4	
	10	49·4	49·3	49·2	49·2	—	49·0	49·0	48·9	48·8	48·6	48·6	
	11	51·3	51·2	51·1	51·1	—	50·8	50·7	50·5	50·5	50·3	50·3	
	12	52·0	52·0	51·6	51·2	51·1	50·8	50·3	50·0	—	49·2	49·0	
	13	51·3	51·5	51·6	51·7	51·8	52·0	52·0	52·1	—	51·8	51·8	
	14	50·8	50·7	50·7	—	—	—	—	—	—	—	—	
	15	—	—	—	49·8	49·8	49·6	49·4	49·3	49·0	49·0	49·0	
	16	51·5	51·6	51·4	51·3	51·2	51·0	51·0	50·6	50·3	50·2	50·3	
	17	52·9	52·8	52·7	52·6	—	52·2	52·0	51·8	51·5	51·3	51·1	
	18	51·2	51·0	50·8	50·8	50·6	50·5	50·2	50·0	50·0	49·9	49·8	
	19	51·8	51·5	51·2	51·0	50·7	50·4	50·0	49·9	49·6	49·4	49·4	
	20	48·9	48·6	48·5	48·2	48·0	48·0	48·0	47·8	—	47·5	47·5	
	21	48·7	48·4	48·2	—	—	—	—	—	—	—	—	
	22	—	—	—	48·8	48·7	48·6	48·4	48·2	48·0	48·0	47·8	
	23	50·7	50·5	50·1	49·0	49·0	49·2	49·2	49·0	48·6	48·2	47·8	
	24	50·0	49·8	49·6	49·6	49·3	49·1	48·8	48·4	48·0	47·8	47·5	
	25	49·3	49·2	48·9	48·7	48·2	47·8	47·3	46·8	46·6	46·4	46·0	
	26	49·7	49·8	49·8	49·8	—	49·8	49·8	49·8	49·7	49·6	49·6	
	27	54·4	54·2	54·0	54·0	53·8	53·6	53·4	53·2	53·0	52·8	52·8	
	28	53·8	53·6	53·4	—	—	—	—	—	—	—	—	
	29	—	—	—	51·2	51·0	50·8	50·6	50·2	49·9	49·7	49·3	
	30	51·4	51·2	51·0	51·0	50·9	50·6	50·5	50·3	50·0	50·0	49·8	
	31	52·1	52·0	52·0	51·8	—	51·6	51·5	51·2	51·0	51·0	51·0	
Hourly Means	50·43	50·32	50·18	49·96	49·53	49·63	49·46	49·25	48·99	48·90	48·76		

VERTICAL FORCE.												
One Scale Division = '000062 parts of the V.F. Change in the Magnetic moment of the Bar for 1° Fah' = '00021.												
12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
86.7	85.8	88.5	90.2	90.0	90.0	89.1	87.1	85.5	84.8	84.7	85.1	87.39
83.9	84.8	86.7	90.0	92.6	90.8	88.7	87.3	87.3	87.3	85.6	84.1	87.07
83.1	83.1	84.3	85.9	86.9	84.5	87.8	85.9	82.6	83.7	85.9	86.4	84.99
83.3	82.0	80.7	90.4	107.2	104.6	97.3	94.7	101.2	103.1	93.3	93.0	89.72
84.4	89.5	88.6	89.1	91.6	92.3	89.6	87.4	91.4	92.8	92.8	90.3	87.54
96.5	90.8	90.8	89.8	89.0	90.3	91.0	85.6	85.6	87.4	87.3	85.7	88.99
88.0	87.5	87.6	87.7	93.3	95.8	90.5	89.6	87.8	86.8	81.7	77.2	87.72
90.6	89.8	89.5	87.9	87.9	87.0	88.0	88.0	86.1	85.2	85.2	85.2	87.67
85.9	83.8	83.8	86.2	86.3	84.0	85.8	83.8	83.9	82.7	81.9	81.9	85.27
83.0	83.5	83.5	84.1	84.1	85.7	87.2	84.3	81.0	78.2	79.2	79.2	83.15
85.7	86.6	86.8	88.8	88.3	88.5	87.6	85.6	82.0	80.5	80.5	79.5	84.00
78.7	81.4	81.8	84.0	84.5	82.9	81.4	81.7	79.2	79.2	77.1	77.0	80.05
80.2	80.2	82.6	83.5	84.8	85.5	85.5	82.7	81.2	79.5	79.5	79.5	82.81
80.2	76.5	77.9	78.5	81.9	83.6	83.6	83.8	85.0	80.8	77.6	77.7	80.70
79.5	78.5	78.3	80.1	79.9	82.3	81.2	82.8	82.5	79.5	81.3	78.7	80.23
80.4	80.6	82.4	87.8	83.4	80.9	80.9	82.0	81.0	80.5	84.3	84.3	81.70
83.0	83.0	83.0	85.9	88.6	88.0	88.5	89.5	87.1	85.7	84.7	85.5	84.16
83.1	83.2	84.2	87.3	89.9	90.2	89.4	84.8	84.0	84.0	84.0	84.4	86.35
88.9	89.5	90.2	91.5	93.2	93.5	93.0	90.6	89.1	89.3	87.6	84.8	89.25
85.6	87.7	92.1	93.2	90.7	88.7	88.7	88.4	90.2	89.2	87.8	87.8	86.97
87.1	89.0	89.9	89.3	88.5	88.5	90.0	93.6	90.7	—	90.7	90.7	88.40
89.3	87.4	90.0	90.5	—	94.4	92.2	92.0	93.5	93.3	92.7	93.8	89.33
84.7	84.2	84.0	85.1	84.8	81.6	80.3	78.3	77.0	75.8	74.3	74.3	83.53
77.0	78.2	81.0	83.8	84.4	78.2	78.6	78.6	78.0	78.3	79.0	83.8	78.02
80.6	80.2	80.3	84.3	84.3	83.8	81.9	80.3	77.8	77.3	77.3	79.3	80.50
81.5	81.2	82.3	84.2	84.2	83.5	83.5	79.4	77.3	76.2	77.6	77.6	80.24
75.5	75.7	77.1	79.0	80.2	80.0	76.7	73.7	71.3	70.0	70.2	69.5	77.07
83.94	83.84	84.74	86.59	87.71	87.38	86.59	85.24	84.42	83.50	83.10	82.83	84.54
TEMPERATURE OF THE VERTICAL FORCE MAGNET.												
°	°	°	°	°	°	°	°	°	°	°	°	°
45.3	45.3	45.4	45.7	46.0	46.4	46.6	47.0	47.1	47.3	47.5	47.5	46.21
47.2	47.2	47.2	47.5	47.7	47.6	48.0	48.0	48.2	48.4	48.4	48.5	47.52
47.8	48.0	48.2	48.5	48.9	49.1	49.3	49.5	49.7	49.8	49.8	50.0	48.68
48.2	48.2	48.3	48.6	49.0	49.2	50.3	50.2	50.1	50.2	50.2	50.2	49.28
47.3	47.1	47.2	47.3	47.3	47.2	47.2	47.5	47.6	47.6	47.5	47.4	48.19
46.4	46.4	46.4	46.6	47.0	47.3	47.9	48.3	48.8	48.9	49.0	49.0	47.27
47.0	47.0	47.2	47.7	48.2	48.4	48.8	49.0	49.2	49.2	49.2	49.4	48.21
47.4	47.4	47.8	48.2	48.5	48.9	49.2	49.3	49.4	49.5	49.5	49.4	48.54
48.4	48.6	48.7	48.9	49.2	49.7	50.1	50.6	50.7	50.8	51.0	51.3	49.41
50.2	50.3	50.6	51.0	51.2	51.4	51.8	52.0	52.2	52.4	52.4	52.2	51.12
48.6	48.4	48.2	48.0	48.0	48.2	48.7	49.5	50.1	50.5	50.9	51.2	49.84
51.4	51.2	51.2	51.3	51.6	51.9	52.0	52.1	51.9	51.8	51.6	51.2	51.67
49.0	49.2	49.4	50.0	50.3	50.8	51.0	51.2	51.3	51.5	51.7	51.5	50.12
50.4	50.3	50.5	50.8	51.1	51.7	52.0	52.3	52.7	53.0	53.0	53.0	51.31
50.8	50.8	50.9	51.0	51.0	51.0	51.2	51.3	51.5	51.5	51.4	51.4	51.55
49.8	50.0	50.2	50.4	50.7	51.1	51.4	51.8	52.0	52.0	52.1	51.9	50.75
49.0	48.9	48.7	48.7	48.4	48.5	48.8	49.0	49.0	49.0	49.0	49.0	49.58
47.6	47.7	48.0	48.2	48.6	48.4	48.6	48.8	48.8	49.0	49.0	49.0	48.27
47.7	47.7	47.8	48.6	48.9	49.3	49.6	49.9	50.0	50.2	50.3	50.3	48.75
48.0	48.2	48.4	48.8	49.2	49.4	49.6	49.8	50.0	50.0	50.0	50.0	49.19
47.6	47.6	47.8	48.0	48.0	48.3	48.7	49.3	49.7	—	49.7	49.5	48.67
45.8	45.9	46.3	46.7	—	47.6	48.0	48.5	49.0	49.1	49.4	49.5	47.70
49.6	50.0	50.5	51.0	51.3	52.0	52.7	53.2	54.0	54.2	54.4	54.4	51.05
53.0	53.0	53.0	53.2	53.2	53.3	53.5	53.8	54.0	54.0	53.8	54.0	53.50
49.2	49.2	49.5	50.0	50.4	50.6	50.8	51.0	51.2	51.4	51.4	51.2	50.77
50.0	50.0	50.0	50.2	50.4	50.9	51.2	51.5	51.7	51.9	52.0	52.1	50.78
51.0	51.1	51.4	52.0	52.3	52.8	53.4	54.2	54.6	54.8	55.0	55.2	52.34
48.65	48.69	48.84	49.14	49.48	49.67	50.02	50.32	50.54	50.70	50.74	50.74	49.65

VERTICAL FORCE.													
One Scale Division = '000062 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fabt. = '00021.													
Mean Göttingen Time.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
SEPTEMBER.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
	1	70·2	72·2	74·2	73·1	72·4	73·2	73·2	75·0	—	73·0	71·3	71·3
	2	78·0	78·0	78·8	79·4	80·9	80·9	79·5	76·5	70·3	68·9	68·4	68·2
	3	78·7	79·7	79·2	79·7	—	—	80·3	80·0	80·0	78·2	78·2	78·5
	4	74·1	74·1	75·7	—	—	—	—	—	—	—	—	—
	5	—	—	—	73·6	75·0	76·4	76·0	76·0	76·1	76·0	74·7	73·4
	6	73·3	72·5	73·9	74·3	74·9	76·9	78·6	78·1	79·0	^b —	77·5	75·6
	7	75·4	75·6	76·8	75·5	74·9	75·8	77·2	77·2	78·3	77·6	77·6	76·8
	8	67·4	70·7	71·0	71·3	71·3	72·0	72·9	72·1	72·9	73·9	73·9	72·7
	9	68·7	61·6	69·0	80·0	76·9	75·0	73·3	70·7	76·0	78·9	78·9	78·0
	10	75·0	75·0	75·0	75·0	76·3	76·0	76·0	75·7	74·8	73·9	74·2	73·0
	11	78·5	77·4	79·6	—	—	—	—	—	—	—	—	—
	12	—	—	—	85·3	85·4	85·2	85·3	84·3	84·3	84·3	86·4	84·9
	13	87·0	82·6	73·0	84·0	82·5	80·8	76·8	75·2	—	81·4	77·4	78·5
	14	79·5	80·2	80·6	81·8	81·8	81·8	80·3	83·0	78·0	81·1	80·2	78·9
	15	75·2	75·2	76·4	75·6	76·1	75·9	75·8	75·8	—	75·8	75·2	76·0
	16	68·3	69·0	67·9	70·0	70·0	70·0	70·0	69·8	—	67·0	65·0	68·6
	17	63·0	66·4	66·2	65·8	—	—	—	—	—	67·6	68·3	68·7
	18	70·3	70·3	71·3	—	—	—	—	—	—	—	—	—
	19	—	—	—	70·6	71·4	73·3	73·3	74·0	74·0	74·0	73·1	71·7
	20	71·0	73·1	73·1	76·8	76·8	76·8	76·8	79·0	77·0	78·7	79·2	75·6
	21	75·7	75·7	74·3	75·0	76·2	77·0	77·1	77·3	—	77·3	77·9	77·9
	22	72·9	73·7	75·5	70·4	74·6	74·6	74·6	75·1	75·1	75·1	77·7	76·4
	23	74·3	74·3	70·5	69·8	72·0	64·8	74·8	77·2	78·2	77·0	73·6	74·5
	24	88·5	15·0	41·7	115·0	121·0	45·0	^a —	^a —	49·9	75·8	88·0	85·9
	25	86·0	87·9	87·9	—	—	—	—	—	—	—	—	—
	26	—	—	—	79·6	73·1	65·9	72·1	72·1	75·1	80·1	79·5	77·7
	27	21·9	90·9	58·0	67·5	78·7	64·0	76·8	79·7	77·2	75·9	76·2	80·5
	28	78·7	79·0	79·0	78·9	80·6	81·8	83·9	83·2	—	83·2	94·0	81·6
	29	80·2	81·5	81·5	78·2	79·5	82·0	^b —	73·5	68·9	77·1	76·4	78·0
	30	85·3	85·3	85·3	86·2	86·6	87·1	87·3	87·7	—	85·8	85·8	85·8
Hourly Means	73·73	73·73	73·70	77·40	78·70	74·89	77·04	77·01	^c 74·73	76·70	77·25	76·49	
TEMPERATURE OF THE VERTICAL FORCE MAGNET.													
SEPTEMBER.	1	55·2	55·3	55·2	55·1	55·0	55·0	54·8	54·7	—	54·3	54·1	53·9
	2	52·0	52·0	51·8	51·5	51·4	51·3	55·2	51·0	51·0	50·8	50·8	50·8
	3	51·7	51·8	51·7	51·6	—	51·4	51·4	51·2	51·1	51·0	50·9	50·9
	4	53·8	53·8	53·8	—	—	—	—	—	—	—	—	—
	5	—	—	—	53·4	53·3	53·1	53·1	52·9	52·7	52·6	52·2	52·1
	6	54·0	53·8	53·5	53·1	52·7	52·3	52·1	51·8	51·4	51·0	50·7	50·7
	7	53·0	53·0	53·0	52·8	52·8	52·6	52·4	52·2	52·0	51·8	51·7	51·4
	8	57·6	57·2	56·8	56·6	56·2	55·8	55·5	55·3	55·0	54·7	54·1	54·0
	9	54·6	54·4	54·2	54·1	53·8	53·3	53·0	52·8	52·4	52·0	51·8	51·6
	10	53·3	53·3	53·2	53·2	53·2	53·2	53·0	53·0	53·0	52·9	52·8	52·9
	11	52·6	52·2	51·9	—	—	—	—	—	—	—	—	—
	12	—	—	—	48·0	48·0	47·9	47·7	47·6	47·4	47·2	47·0	47·0
	13	51·0	50·9	51·0	51·0	50·8	50·4	50·0	49·6	—	48·8	48·5	48·5
	14	50·8	50·6	50·4	50·2	50·1	49·9	49·8	49·6	49·2	49·0	49·0	49·0
	15	51·9	52·1	52·3	52·3	52·6	52·7	52·8	52·8	—	53·0	53·0	52·8
	16	56·0	56·1	56·0	56·0	56·0	56·0	56·0	56·0	—	56·0	56·0	56·2
	17	60·3	60·0	59·8	59·4	—	—	—	—	—	57·0	56·2	56·0
	18	55·8	55·3	55·3	—	—	—	—	—	—	—	—	—
	19	—	—	—	55·6	55·2	55·0	54·6	54·2	54·0	53·7	53·3	53·2
	20	56·0	55·4	55·0	54·2	53·8	53·2	52·7	52·4	51·8	51·6	51·5	51·2
	21	53·2	53·3	53·3	53·3	53·1	53·0	53·0	52·8	—	52·6	52·6	52·4
	22	55·1	55·0	54·7	54·6	54·3	54·2	54·0	53·7	53·3	53·0	52·9	53·2
	23	55·6	55·7	55·7	55·6	55·3	55·2	55·0	54·6	54·1	53·8	53·8	53·2
	24	52·9	52·7	52·8	53·7	53·0	52·2	—	—	51·8	51·6	51·4	51·4
	25	50·8	50·5	50·5	—	—	—	—	—	—	—	—	—
	26	—	—	—	51·2	51·0	50·8	50·5	50·2	50·0	49·8	49·6	49·7
	27	55·2	55·3	55·6	55·6	55·3	55·3	55·8	55·8	56·0	56·0	55·8	56·0
	28	54·8	54·6	54·1	53·9	53·2	52·8	52·6	52·2	—	51·5	51·1	50·9
	29	52·6	52·2	52·0	51·4	51·2	50·7	50·2	50·0	49·7	49·6	49·0	48·9
	30	49·7	49·8	49·7	49·6	49·6	49·6	49·4	49·3	—	49·2	49·2	49·0
	Hourly Means	53·83	53·70	53·59	53·35	52·95	52·68	52·52	52·32	52·00	52·10	51·88	51·80

^a Out of the field; north end down.^b Vibrating.^c Mean interpolated.

VERTICAL FORCE.

One Scale Division = '000062 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '00021.

12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .	21 ^h .	22 ^h .	23 ^h .	Daily and Monthly Means.
Sc. Div. 73'3	Sc. Div. 74'9	Sc. Div. 76'8	Sc. Div. 78'9	Sc. Div. 81'0	Sc. Div. 81'0	Sc. Div. 81'0	Sc. Div. 79'8	Sc. Div. 79'0	Sc. Div. 78'3	Sc. Div. 77'0	Sc. Div. 77'0	Sc. Div. 75'53
79'6	81'8	82'7	85'4	85'9	84'5	83'7	82'1	78'3	78'3	79'0	78'4	78'65
83'7	83'1	83'1	83'7	84'2	82'0	80'2	78'1	75'0	73'7	73'2	73'0	79'38
—	—	—	—	—	—	—	—	—	—	—	—	75'71
74'4	77'4	76'2	81'4	79'7	78'5	77'2	75'4	74'4	73'8	73'8	73'8	77'47
75'6	76'5	78'5	82'8	85'6	84'7	84'7	78'0	75'7	75'4	74'8	75'0	74'71
77'2	77'2	77'2	77'4	76'9	76'0	74'0	71'0	68'8	67'3	65'4	66'0	72'57
72'7	73'8	73'8	76'2	76'2	76'2	74'5	73'3	70'3	70'9	71'2	70'4	75'97
76'5	75'3	79'8	80'8	83'4	83'7	81'6	77'1	74'7	74'3	74'2	75'0	76'45
75'0	77'4	80'1	82'6	78'7	78'2	76'8	77'2	78'0	76'5	78'5	76'0	84'28
—	—	—	—	—	—	—	—	—	—	—	—	81'20
84'9	85'4	82'3	83'5	84'7	81'8	85'2	87'6	87'0	87'2	86'0	86'3	81'00
81'4	81'3	81'1	83'2	90'0	86'7	83'0	84'0	80'6	80'3	78'0	78'9	74'71
78'9	83'0	83'8	85'4	86'2	86'2	84'5	80'9	79'5	78'1	75'2	75'2	66'69
76'6	78'3	78'3	80'0	80'0	76'9	73'6	71'4	68'5	67'7	66'7	67'4	69'63
—	63'9	63'7	64'7	68'4	66'5	67'5	62'8	63'5	60'7	65'1	64'8	73'40
70'0	71'6	72'2	72'2	70'2	70'2	72'5	72'9	73'1	74'3	69'0	68'7	77'65
—	—	—	—	—	—	—	—	—	—	—	—	75'87
74'1	76'4	76'0	74'3	78'0	78'0	75'0	75'0	72'2	72'2	71'0	72'2	74'90
76'8	78'4	79'9	83'3	83'3	82'8	77'8	77'8	78'8	77'1	77'7	76'1	80'05
77'9	78'0	78'0	78'8	78'6	77'1	74'6	74'2	72'7	71'5	71'3	70'8	81'75
76'4	78'6	78'6	78'6	76'3	74'3	74'3	73'6	74'2	75'0	71'2	70'7	79'10
80'4	83'2	78'5	79'3	77'0	82'2	82'2	91'8	95'4	96'1	98'3	95'9	75'52
93'3	87'8	88'9	88'9	91'2	91'5	91'6	90'7	87'0	86'4	88'0	87'5	82'62
—	—	—	—	—	—	—	—	—	—	—	—	82'01
105'0	66'6	63'5	80'0	82'5	79'8	81'3	92'1	83'9	67'4	82'5	76'7	85'42
76'6	78'8	78'8	79'4	80'4	89'6	82'8	81'3	80'0	79'9	78'9	78'7	77'45
85'5	96'2	85'5	80'0	82'3	84'2	82'9	80'0	80'0	80'0	79'6	80'2	79'02
77'8	83'7	91'0	87'2	91'7	91'7	86'3	86'3	81'9	83'1	84'4	84'4	79'13
85'8	85'9	89'0	90'7	90'6	86'6	84'8	82'3	83'5	80'5	77'3	79'4	80'72
79'58	79'02	79'13	80'72	81'65	81'19	79'75	79'10	77'54	76'39	76'43	76'10	81'65

TEMPERATURE OF THE VERTICAL FORCE MAGNET.

53'8	53'6	53'3	53'3	53'2	53'0	52'8	52'8	52'6	52'4	52'4	52'2	53'83
50'8	50'8	50'8	50'8	50'8	51'0	51'2	51'7	51'7	51'8	51'7	51'7	51'27
50'9	51'0	51'2	51'4	52'0	52'4	52'9	53'3	53'7	53'8	53'9	54'0	51'96
—	—	—	—	—	—	—	—	—	—	—	—	53'15
52'2	52'2	52'4	52'8	52'9	53'2	53'6	53'8	53'9	54'0	54'0	53'9	52'03
50'3	50'3	50'4	50'7	51'4	52'3	51'8	52'3	52'8	53'0	53'2	53'1	53'60
51'7	52'1	52'6	53'1	54'2	54'8	55'4	56'0	56'5	56'8	57'2	57'3	55'23
54'0	54'0	54'0	54'4	54'7	54'9	55'0	55'2	55'2	55'2	55'2	54'9	52'62
51'6	51'4	51'3	51'4	51'3	51'7	52'0	52'5	52'7	53'0	53'0	53'0	53'17
53'0	53'0	53'2	53'2	53'6	53'4	53'4	53'5	53'4	53'4	53'1	52'9	49'02
—	—	—	—	—	—	—	—	—	—	—	—	49'95
47'0	47'3	47'5	48'3	48'9	49'5	49'9	50'2	50'6	50'9	51'0	51'0	49'88
48'5	48'6	48'8	49'1	49'5	49'8	50'2	50'4	50'7	50'8	51'0	51'0	53'60
49'0	49'0	49'0	49'0	49'1	49'6	49'8	50'2	50'6	51'0	51'4	51'8	57'70
53'0	53'0	53'3	53'6	54'0	54'4	54'8	55'2	55'6	55'6	55'8	56'0	56'98
—	57'1	57'8	58'2	58'8	59'2	59'7	60'2	60'5	60'6	60'5	60'3	54'97
55'8	56'0	55'8	56'0	56'2	56'3	56'4	56'4	56'5	56'5	56'2	55'8	52'70
—	—	—	—	—	—	—	—	—	—	—	—	53'38
53'3	53'8	54'2	54'8	55'2	55'6	55'8	56'2	56'4	56'4	56'4	56'0	54'14
51'4	51'4	51'3	51'4	51'5	51'8	52'2	52'7	52'9	53'0	53'2	53'2	53'96
52'6	52'7	52'7	52'8	53'1	53'6	54'0	54'3	54'7	54'8	54'8	55'0	51'85
53'5	53'6	53'4	53'5	53'8	54'0	54'2	54'8	54'9	55'2	55'2	55'2	51'45
53'0	53'0	53'0	53'0	52'8	52'8	53'0	53'2	53'4	53'8	53'4	53'1	55'91
51'2	51'3	51'2	51'3	51'7	51'6	51'7	51'7	51'7	51'5	51'2	51'2	52'60
—	—	—	—	—	—	—	—	—	—	—	—	49'86
49'8	50'2	50'7	51'2	51'6	52'2	52'9	53'7	53'9	54'3	54'9	54'9	49'99
56'3	56'6	56'8	56'8	56'6	56'4	56'3	56'1	56'0	55'8	55'4	55'1	52'88
51'0	51'2	51'5	52'0	52'2	52'2	52'7	53'2	53'2	53'0	53'0	52'8	49'86
48'6	48'8	48'6	48'8	49'0	49'0	49'0	49'2	49'4	49'4	49'6	49'7	52'88
49'0	49'2	49'3	49'6	49'8	50'0	50'7	50'8	51'2	51'5	52'3	52'2	51'65
51'65	51'97	52'08	52'33	52'61	52'87	53'13	53'45	53'64	53'75	53'81	53'74	52'88

VERTICAL FORCE.												
One Scale Division = '000061 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah. = '00021.												
Mean Göttingen Time. } OCTOBER.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.
	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
1	81.1	81.1	82.3	81.7	83.0	83.8	84.7	81.5	81.5	84.0	85.2	88.8
2	82.4	83.0	85.5	—	—	—	—	—	—	—	—	—
3	—	—	—	82.7	82.7	83.0	82.9	82.9	82.9	82.9	82.9	82.3
4	82.8	83.0	86.2	88.2	85.3	86.2	87.0	87.9	87.9	87.9	87.3	87.2
5	81.3	82.8	82.8	82.8	84.0	85.0	85.0	86.8	83.0	83.8	84.1	85.4
6	75.9	76.7	77.2	77.9	77.9	77.9	77.9	77.9	78.4	79.7	79.7	80.5
7	73.5	74.0	75.3	75.0	—	75.8	76.6	77.3	76.2	76.2	76.8	76.8
8	75.3	73.2	74.0	74.7	73.2	71.3	77.8	77.8	77.0	77.1	72.4	72.4
9	60.2	61.5	62.4	—	—	—	—	—	—	—	—	—
10	—	—	—	70.9	70.9	70.9	70.9	70.9	68.3	71.0	71.0	70.4
11	66.4	66.4	66.4	69.6	69.6	69.6	69.6	69.9	72.9	73.2	70.0	68.8
12	67.0	68.6	68.3	70.6	70.9	72.5	72.5	72.5	75.4	76.3	70.7	71.5
13	85.6	76.4	68.4	77.7	63.0	66.4	71.6	73.6	—	73.6	81.0	83.1
14	78.3	79.5	74.8	69.5	—	79.0	83.0	82.3	80.7	84.4	80.8	80.5
15	87.1	79.5	85.0	85.0	79.2	86.1	84.2	83.7	82.4	79.8	81.5	83.3
16	80.0	81.5	83.0	—	—	—	—	—	—	—	—	—
17	—	—	—	76.5	76.5	76.1	74.7	73.9	73.1	71.5	70.5	71.5
18	72.7	71.5	71.2	70.0	73.9	70.4	74.7	75.1	76.4	78.0	74.9	74.9
19	71.7	66.3	67.5	67.0	—	—	70.4	73.3	73.5	73.8	74.3	75.2
20	72.0	72.0	72.0	74.7	73.7	73.7	73.7	74.0	71.4	72.3	71.4	73.0
21	74.9	74.9	75.9	76.0	76.4	76.4	76.0	77.3	77.3	77.5	77.1	77.0
22	76.0	76.6	75.8	80.0	80.0	80.2	80.2	79.3	80.0	78.5	a—	75.4
23	132.5	87.9	90.9	—	—	—	—	—	—	—	—	—
24	—	—	—	85.0	80.5	76.0	49.7	26.0	68.0	60.4	57.6	b—
25	100.9	89.7	76.8	68.8	59.9	63.0	71.3	75.8	76.3	72.3	69.7	76.1
26	77.2	78.0	78.0	78.0	78.3	76.5	76.0	78.4	—	77.4	79.0	81.5
27	79.6	80.1	81.0	80.4	—	81.1	81.0	81.4	80.6	79.2	80.5	82.7
28	77.0	77.5	77.5	77.9	—	78.7	78.7	78.7	79.5	—	75.7	78.6
29	63.5	72.0	76.4	78.5	82.4	80.0	74.9	75.2	77.2	78.3	78.0	80.4
30	74.0	73.6	73.1	—	—	—	—	—	—	—	—	—
31	—	—	—	62.7	63.6	64.2	64.2	64.2	64.7	64.9	64.8	64.8
Hourly Means	78.80	76.43	76.45	76.22	75.47	76.15	75.74	75.29	76.86	76.54	75.90	77.68

TEMPERATURE OF THE VERTICAL FORCE MAGNET.												
OCTOBER.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.
1	52.0	51.9	51.7	51.6	51.4	51.0	50.8	50.8	50.4	50.2	50.0	50.0
2	51.5	51.4	51.4	—	—	—	—	—	—	—	—	—
3	—	—	—	51.2	51.2	51.2	51.1	51.0	51.0	51.0	50.8	50.8
4	50.0	49.6	49.2	49.0	48.6	48.4	48.0	47.8	47.5	47.2	47.2	47.0
5	49.8	50.0	49.8	49.6	49.5	49.4	49.2	49.2	49.1	49.1	49.0	49.1
6	53.3	53.3	53.3	53.2	52.8	52.8	52.8	52.8	52.6	52.6	52.4	52.4
7	55.0	54.6	54.3	54.1	—	53.6	53.2	53.0	52.8	52.7	52.4	52.4
8	56.0	56.0	55.8	55.5	55.2	54.8	54.5	54.2	54.0	53.7	53.4	53.6
9	61.7	61.7	61.7	—	—	—	—	—	—	—	—	—
10	—	—	—	58.6	58.2	57.8	57.4	57.0	56.7	56.3	56.2	56.0
11	58.4	58.4	58.2	57.8	57.5	57.3	57.1	56.9	56.7	56.5	56.3	56.5
12	58.0	57.7	57.1	56.6	56.1	55.8	55.4	55.0	54.4	54.0	53.8	53.6
13	53.5	53.2	53.0	52.9	52.5	52.4	52.3	52.2	—	51.3	51.1	51.0
14	54.0	53.8	53.4	53.2	—	52.6	52.1	51.9	51.6	51.3	51.0	51.0
15	52.2	52.2	52.0	51.7	51.3	51.1	50.8	50.4	50.0	49.8	49.8	49.6
16	53.8	53.5	53.5	—	—	—	—	—	—	—	—	—
17	—	—	—	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.5	56.9
18	58.8	58.5	58.0	57.5	57.2	56.8	56.1	55.7	55.2	54.8	54.6	54.6
19	57.3	57.0	56.8	56.4	—	—	55.6	55.4	55.3	55.0	54.8	54.8
20	56.6	56.6	56.4	56.4	56.2	56.0	55.8	56.0	55.8	55.7	55.5	55.3
21	55.0	54.8	54.5	54.3	54.0	54.0	53.8	53.4	53.0	52.7	52.8	52.8
22	53.2	53.0	52.7	52.4	52.0	51.8	51.6	51.4	51.2	51.0	50.8	51.0
23	52.0	52.0	52.0	—	—	—	—	—	—	—	—	—
24	—	—	—	52.2	52.2	52.2	52.0	52.0	52.0	51.8	51.7	—
25	55.4	55.2	55.0	55.0	54.7	54.7	54.7	54.7	54.2	54.0	54.0	54.2
26	58.2	58.0	57.8	57.6	57.2	56.8	56.4	56.3	—	55.5	55.2	55.0
27	54.8	54.8	54.5	54.6	—	—	54.0	53.8	53.6	53.4	53.0	52.8
28	55.4	55.4	55.3	55.1	—	55.0	55.0	55.0	54.7	—	54.3	54.5
29	54.2	54.2	54.0	54.0	53.8	53.5	53.2	53.6	53.2	53.5	53.4	53.4
30	58.0	58.0	58.2	—	—	—	—	—	—	—	—	—
31	—	—	—	62.6	62.4	62.4	62.0	61.8	61.3	61.0	60.7	60.5
Hourly Means	54.93	54.80	54.60	54.59	54.30	54.06	53.88	53.74	53.43	53.20	53.10	53.15

* Vibrating.

b Out of the field; north end down.

VERTICAL FORCE.

One Scale Division = .000061 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah. = .00021.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div. 81.1	Sc. Div. 81.9	Sc. Div. 85.9	Sc. Div. 87.7	Sc. Div. 88.7	Sc. Div. 84.7	Sc. Div. 83.3	Sc. Div. 81.4	Sc. Div. 81.4	Sc. Div. 81.2	Sc. Div. 81.2	Sc. Div. 79.5	Sc. Div. 83.20
—	—	—	—	—	—	—	—	—	—	—	—	83.81
82.3	83.8	85.7	88.3	87.7	86.3	85.9	84.9	83.5	82.3	82.1	82.5	86.63
83.2	90.0	91.8	91.7	90.6	89.2	86.8	84.6	82.7	82.7	82.7	81.3	82.11
85.4	85.4	85.4	84.2	83.2	81.0	78.6	78.6	76.4	75.3	75.3	75.0	76.63
80.0	80.0	78.5	77.2	75.1	73.9	72.4	73.0	72.2	73.0	72.0	74.2	74.58
77.9	77.8	76.3	74.6	71.7	66.6	68.6	69.5	69.5	83.0	75.1	71.3	71.02
74.8	79.0	73.3	71.6	71.6	69.5	67.3	62.9	60.6	60.6	58.5	58.5	69.44
—	—	—	—	—	—	—	—	—	—	—	—	70.37
75.0	76.6	74.8	76.8	73.3	68.8	68.8	67.1	65.5	66.2	66.2	68.2	75.65
71.2	74.5	78.3	78.3	78.3	70.8	70.8	68.7	66.0	67.0	66.3	66.3	78.13
75.8	77.0	80.4	78.9	83.0	78.9	80.0	84.1	81.5	76.7	86.2	76.4	80.94
84.8	89.8	90.8	88.5	84.4	80.4	78.2	76.3	75.8	75.5	75.5	76.5	82.95
81.1	85.8	83.5	85.5	83.5	83.6	84.3	84.3	77.8	75.6	79.5	84.3	73.12
84.5	85.6	85.1	85.1	85.8	83.4	81.5	80.9	85.0	81.2	78.2	77.8	73.99
—	—	—	—	—	—	—	—	—	—	—	—	73.21
71.0	71.0	70.2	70.2	72.2	68.5	68.5	72.8	68.2	69.9	69.7	74.0	74.47
73.8	76.3	77.8	78.0	77.5	74.8	73.0	72.9	72.8	70.2	72.3	72.6	76.22
74.5	75.3	78.8	81.2	79.8	77.7	74.8	72.2	71.3	70.7	70.7	70.7	76.63
79.0	79.0	82.0	82.0	78.2	76.0	76.0	73.2	73.6	72.2	72.2	70.0	85.71
78.7	78.8	79.5	78.3	78.2	76.6	75.1	74.0	73.3	73.5	72.8	73.8	77.96
78.7	80.1	80.1	80.0	63.3	68.7	68.7	76.2	82.7	71.0	74.4	—	80.45
—	—	—	—	—	—	—	—	—	—	—	—	80.44
a	62.5	77.1	76.8	81.4	76.6	93.0	104.4	125.8	152.3	110.0	111.3	79.63
82.7	89.0	88.9	86.2	82.9	78.9	81.3	77.8	75.7	75.7	75.7	75.7	75.97
83.7	88.0	88.0	88.0	87.8	84.8	81.3	78.0	78.0	77.5	78.3	78.7	69.40
79.4	85.2	83.3	82.8	81.3	79.7	77.7	82.2	77.1	78.1	77.1	78.6	77.38
78.2	82.5	80.6	83.0	84.5	83.5	81.5	78.7	79.2	79.8	79.8	80.8	75.97
80.4	81.2	81.4	79.2	75.3	74.1	72.7	72.7	73.6	71.3	70.3	74.3	—
—	—	—	—	—	—	—	—	—	—	—	—	69.40
68.5	72.1	67.3	71.2	72.3	72.3	73.3	71.8	73.2	74.6	73.9	76.2	—
78.83	80.32	80.95	80.97	79.68	77.28	77.05	77.05	77.01	77.58	76.00	76.34	77.38

TEMPERATURE OF THE VERTICAL FORCE MAGNET.

50.0	50.0	50.1	50.5	50.7	51.0	51.4	51.8	52.0	52.0	51.8	51.6	51.03
—	—	—	—	—	—	—	—	—	—	—	—	50.93
50.8	50.8	51.0	50.8	50.8	51.0	51.0	51.0	50.8	50.6	50.3	50.0	48.45
47.2	47.3	47.6	48.0	48.2	48.6	48.8	49.0	49.2	49.8	49.8	49.8	50.33
49.4	49.6	49.8	50.0	50.5	51.0	51.8	52.1	52.4	52.8	52.8	53.0	53.55
52.6	52.9	53.3	53.7	54.1	54.4	54.8	55.0	55.0	55.1	55.1	55.0	54.23
52.7	53.1	53.8	54.2	54.5	55.0	55.2	55.7	56.2	56.4	56.2	56.2	56.29
54.0	54.4	55.0	55.6	56.4	57.4	58.6	59.3	60.0	60.7	61.2	61.6	57.87
—	—	—	—	—	—	—	—	—	—	—	—	57.34
56.0	56.0	56.2	56.8	57.2	57.4	57.8	58.2	58.4	58.6	58.6	58.6	54.58
56.6	56.2	56.4	56.6	56.7	57.3	57.8	58.0	58.2	58.3	58.3	58.2	52.73
53.4	53.2	53.0	53.0	53.0	54.0	53.8	53.8	53.8	53.8	53.8	53.8	52.10
51.1	51.2	51.6	52.2	53.2	53.4	53.8	54.0	54.2	54.4	54.2	54.2	51.42
51.0	51.2	51.2	51.4	51.6	51.8	52.0	52.3	52.4	52.5	52.4	52.5	57.58
49.6	49.8	50.2	50.6	51.2	52.0	52.5	53.0	53.3	53.6	53.7	53.7	56.32
—	—	—	—	—	—	—	—	—	—	—	—	55.84
57.6	58.0	59.2	59.8	60.2	60.3	60.3	60.3	60.2	59.8	59.5	59.2	55.74
54.7	54.8	55.0	55.5	55.9	56.1	56.4	56.9	57.2	57.2	57.2	57.1	53.72
54.9	55.0	55.1	55.4	55.4	55.6	56.0	56.2	56.4	56.6	56.8	56.6	51.69
55.3	55.3	55.4	55.4	55.2	55.2	55.3	55.7	55.9	55.8	55.6	55.4	53.21
53.0	53.0	53.0	53.6	53.9	54.0	54.0	54.1	54.0	54.0	53.8	53.7	55.70
51.1	51.1	51.3	51.5	51.6	51.8	51.6	51.7	51.6	51.7	51.8	51.6	55.76
—	—	—	—	—	—	—	—	—	—	—	—	53.96
—	52.5	52.8	53.8	54.1	54.3	54.7	55.0	55.2	55.3	55.4	55.5	54.60
54.7	54.9	55.3	55.8	56.2	56.6	57.2	57.6	57.8	58.2	58.4	58.2	54.80
54.6	54.6	54.6	54.4	54.5	54.8	54.8	55.0	55.2	55.6	55.3	55.1	59.58
52.8	52.8	52.8	53.2	53.7	54.1	54.2	54.7	55.0	55.1	55.3	55.4	—
54.5	54.3	54.2	54.2	54.2	54.2	54.2	54.2	54.4	54.4	54.4	54.4	—
53.8	54.0	54.2	54.6	55.0	55.8	56.2	56.7	57.2	57.8	57.8	58.0	—
—	—	—	—	—	—	—	—	—	—	—	—	—
60.2	59.8	59.6	59.0	58.8	58.6	58.2	58.0	57.6	57.4	57.0	56.8	—
53.26	53.30	53.53	53.83	54.11	54.45	54.71	54.97	55.14	55.29	55.25	55.20	54.20

VERTICAL FORCE.													
One Scale Division = '000065 parts of the V. F. Change in the Magnetic Moment of the Bar for 1° Fah' = '00021.													
Mean Göttingen Time. }	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
NOVEMBER.	1	69.7	74.8	79.5	72.3	62.4	70.0	79.2	75.0	78.1	77.4	79.3	88.0
	2	76.3	76.0	76.0	74.8	77.4	76.9	76.3	76.1	76.1	78.2	81.5	80.2
	3	75.5	76.1	74.0	76.3	—	75.0	72.2	72.2	71.0	72.6	74.8	74.5
	4	76.9	76.9	73.8	70.5	72.2	79.8	79.5	80.8	80.8	82.2	83.2	82.9
	5	81.7	83.0	84.6	85.3	86.8	87.0	84.7	85.5	85.5	85.5	85.8	86.3
	6	82.7	82.7	82.7	—	—	—	—	—	—	—	—	—
	7	—	—	—	78.5	80.3	80.3	79.0	79.0	78.5	77.4	78.9	80.2
	8	78.4	69.3	77.8	81.0	78.5	80.5	80.5	78.8	76.2	71.5	79.7	80.5
	9	79.4	79.4	79.8	71.3	—	81.2	81.2	80.2	80.2	82.4	82.4	83.2
	10	75.9	80.7	78.4	76.7	79.7	75.5	72.5	78.4	80.8	75.8	76.8	74.2
	11	77.9	78.0	78.3	79.0	79.4	80.0	80.8	81.7	81.0	79.2	78.4	78.4
	12	72.0	73.2	73.5	75.5	—	75.5	76.0	76.4	75.4	75.0	75.9	76.3
	13	64.2	64.2	62.2	—	—	—	—	—	—	—	—	—
	14	—	—	—	61.5	62.6	69.6	65.0	69.2	67.6	65.1	68.3	70.6
	15	70.0	71.4	72.2	71.7	72.0	72.8	72.8	72.8	73.6	74.2	75.4	74.9
	16	75.0	78.4	76.2	75.4	71.5	76.4	80.0	69.3	—	72.7	73.5	74.8
	17	74.9	76.0	76.5	77.2	76.4	77.1	77.6	78.8	—	76.5	78.7	82.5
	18	71.9	71.9	66.1	68.8	70.8	71.6	74.0	73.3	72.7	69.6	71.8	76.9
	19	73.2	73.2	74.0	75.2	75.2	75.2	75.6	—	a—	78.2	110.6	62.5
	20	72.7	62.3	82.9	—	—	—	—	—	—	—	—	—
	21	—	—	—	77.3	77.0	76.4	76.4	76.4	75.0	73.0	74.1	76.7
	22	69.1	70.7	66.3	74.2	70.0	51.0	44.6	51.8	65.5	81.0	71.5	62.3
	23	77.0	78.8	78.8	80.3	80.0	76.5	80.3	82.2	82.2	82.2	80.0	83.2
	24	71.8	72.4	73.7	73.8	73.8	74.5	75.4	73.6	73.1	70.3	71.6	—
	25	69.0	70.5	57.6	65.3	68.0	73.0	65.0	69.9	58.2	56.0	64.3	64.5
	26	79.8	76.2	65.3	75.6	—	77.4	73.6	73.7	73.5	74.9	74.9	78.2
	27	72.3	73.0	69.9	—	—	—	—	—	—	—	—	—
	28	—	—	—	75.3	77.0	74.8	76.5	77.0	—	73.0	72.4	75.6
	29	72.2	73.5	75.4	75.4	76.5	77.3	78.7	80.0	78.0	76.8	76.2	77.5
	30	75.2	75.9	78.0	77.5	78.0	81.5	84.2	80.8	79.8	80.8	80.8	80.8
Hourly Means	74.41	74.56	74.37	74.83	74.79	75.65	75.45	75.72	75.58	75.44	77.42	77.03	
TEMPERATURE OF THE VERTICAL FORCE MAGNET.													
NOVEMBER.	1	56.6	56.2	55.8	55.5	55.0	54.3	53.8	53.7	53.4	53.0	53.0	53.0
	2	57.8	57.5	57.2	57.0	56.7	56.2	55.9	55.5	55.4	55.0	54.6	54.6
	3	58.3	58.4	58.7	58.7	—	58.6	58.5	58.6	58.3	58.3	58.3	58.7
	4	57.0	56.6	56.0	55.6	55.0	54.6	54.0	53.3	52.7	52.0	51.8	51.5
	5	51.0	50.8	50.4	50.2	50.0	50.0	49.8	49.6	49.5	49.2	49.1	49.2
	6	51.8	51.8	51.6	—	—	—	—	—	—	—	—	—
	7	—	—	—	53.7	53.6	53.4	53.3	53.2	53.0	53.1	53.0	53.1
	8	57.0	56.4	56.0	55.5	55.0	54.6	54.0	53.6	53.0	52.5	52.2	52.0
	9	53.7	53.5	53.3	53.3	—	53.0	53.0	53.0	52.8	52.5	52.4	52.2
	10	54.8	54.6	54.4	54.0	53.8	53.5	53.0	52.8	52.7	52.6	52.4	52.6
	11	54.8	54.6	54.5	54.5	54.0	53.7	53.1	52.8	52.6	52.2	52.2	52.0
	12	57.6	57.4	57.0	56.8	—	55.8	55.4	55.0	54.3	54.0	53.8	54.0
	13	62.2	62.2	62.2	—	—	—	—	—	—	—	—	—
	14	—	—	—	60.3	60.0	59.5	59.0	58.8	58.4	58.2	57.9	57.6
	15	59.3	58.8	58.3	58.0	57.4	56.8	56.4	56.0	55.3	54.8	54.5	54.3
	16	55.6	55.4	55.2	55.0	54.8	54.5	54.2	54.2	—	53.7	53.4	53.8
	17	55.8	55.5	55.3	55.0	55.0	54.8	54.4	54.1	—	53.5	53.4	53.4
	18	58.0	58.0	58.0	58.0	57.8	57.8	57.8	57.6	57.7	57.3	57.2	57.2
	19	58.0	57.6	57.2	56.8	56.4	56.2	56.0	—	—	54.6	54.3	54.3
	20	54.2	54.2	54.2	—	—	—	—	—	—	—	—	—
	21	—	—	—	57.0	57.0	57.0	56.8	56.6	56.7	56.6	56.7	56.9
	22	59.2	59.0	58.6	58.4	58.0	57.7	57.8	57.6	57.2	57.0	56.8	57.2
	23	58.2	58.0	57.5	57.1	56.9	56.3	56.0	55.7	55.4	55.0	55.0	55.0
	24	59.7	59.6	59.4	59.2	59.0	58.8	58.6	58.5	58.3	58.0	58.0	—
	25	59.3	59.0	58.8	58.7	58.2	57.6	57.3	56.6	56.1	55.9	55.9	55.6
	26	58.0	57.7	57.5	57.2	—	56.7	56.8	56.5	56.2	56.0	56.2	56.4
	27	61.0	61.0	60.6	—	—	—	—	—	—	—	—	—
	28	—	—	—	57.2	57.2	57.0	56.9	56.7	—	56.1	56.2	56.3
	29	58.2	57.8	57.3	57.0	56.7	56.3	56.0	55.8	55.3	55.3	55.2	55.2
	30	57.6	57.0	56.7	56.0	55.5	55.0	54.6	54.5	54.1	53.7	53.4	53.2
Hourly Means	57.10	56.87	56.60	56.37	56.05	55.76	55.48	55.21	54.93	54.62	54.50	54.41	

* Vibrating.

VERTICAL FORCE.

One Scale Division = '000064 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '00021.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div. 93.3	Sc. Div. 82.5	Sc. Div. 81.2	Sc. Div. 78.3	Sc. Div. 81.6	Sc. Div. 81.9	Sc. Div. 79.4	Sc. Div. 81.3	Sc. Div. 80.6	Sc. Div. 75.7	Sc. Div. 74.7	Sc. Div. 76.3	Sc. Div. 78.02
81.0	84.1	80.9	79.7	78.0	76.6	74.8	75.2	77.1	76.6	78.2	75.6	77.65
78.5	78.4	78.2	79.9	79.9	79.9	73.5	75.8	75.2	74.0	75.0	75.0	75.54
84.5	86.2	87.0	88.0	88.0	85.4	82.2	82.3	80.6	80.0	80.1	81.7	81.06
86.1	86.5	86.5	84.7	80.5	82.7	87.3	83.7	77.3	80.4	89.8	86.2	84.72
—	—	—	—	—	—	—	—	—	—	—	—	—
81.0	82.0	82.0	78.8	75.2	74.5	75.5	74.5	70.0	73.8	73.8	76.2	78.23
82.3	86.0	86.7	86.7	82.8	81.7	80.5	78.6	77.7	78.5	76.0	81.1	79.64
82.9	85.5	86.1	82.6	83.2	80.0	77.7	74.2	74.2	74.2	74.2	75.9	79.63
77.3	83.6	84.2	81.2	81.2	81.4	75.3	74.4	77.3	75.5	75.5	77.1	77.89
79.5	82.7	83.6	80.7	77.8	78.6	77.5	71.2	70.2	69.7	69.3	70.3	77.63
79.9	81.4	82.5	78.8	77.0	72.5	69.5	67.5	64.8	62.1	62.1	62.1	73.26
—	—	—	—	—	—	—	—	—	—	—	—	—
72.6	76.5	72.9	73.0	70.9	69.2	67.3	64.7	68.5	72.4	73.8	67.6	68.31
78.0	79.8	78.6	74.5	74.5	71.6	71.6	75.1	75.1	73.8	72.3	73.1	73.82
76.8	79.8	81.9	81.9	79.6	76.3	71.8	70.3	71.7	70.7	73.6	74.0	75.29
81.8	82.8	81.7	76.4	75.0	74.8	74.4	71.7	70.7	71.4	73.9	70.2	76.39
78.5	76.0	73.7	72.2	68.4	68.4	68.4	70.4	70.4	70.4	72.4	72.4	71.71
69.8	75.0	82.2	84.3	82.7	84.1	74.4	77.7	77.7	78.0	77.3	79.4	77.98
—	—	—	—	—	—	—	—	—	—	—	—	—
80.2	81.5	81.4	77.2	74.0	69.8	67.2	67.2	66.4	66.3	66.3	66.3	73.50
64.4	66.1	72.8	—	88.3	130.6	91.3	80.7	83.3	78.6	79.7	77.0	73.51
85.4	84.3	86.4	83.6	80.8	78.2	76.7	74.2	72.6	70.7	69.3	70.2	78.91
71.8	70.0	68.1	67.5	79.5	76.7	84.0	72.2	73.5	74.0	70.5	70.2	73.13
64.7	69.8	79.5	77.2	82.8	87.5	89.0	90.9	90.9	104.0	85.5	85.5	74.52
80.8	83.1	81.6	76.7	72.9	72.5	72.4	69.8	67.9	65.4	65.4	68.6	73.92
—	—	—	—	—	—	—	—	—	—	—	—	—
78.5	79.5	78.8	80.0	78.4	76.8	76.8	74.8	73.0	72.3	—	72.3	75.36
78.7	79.3	81.0	78.0	74.4	73.8	73.5	73.0	72.8	74.2	73.7	74.2	76.00
84.6	85.9	84.4	81.4	78.8	79.5	79.7	79.3	77.2	79.7	82.5	86.8	80.55
—	—	—	—	—	—	—	—	—	—	—	—	—
78.96	80.32	80.92	79.33	78.70	79.42	76.60	75.03	74.49	74.71	74.59	74.82	76.41

TEMPERATURE OF THE VERTICAL FORCE MAGNET.

53.2	53.4	53.8	54.4	54.8	55.2	55.8	56.3	57.0	57.6	57.8	57.8	55.02
54.6	54.5	54.9	55.2	55.7	56.2	56.7	57.1	57.2	57.8	58.0	58.2	56.23
58.8	58.6	58.5	58.2	58.2	58.0	58.0	57.8	57.8	57.8	57.6	57.4	58.27
51.3	51.2	51.4	51.2	51.4	51.3	51.3	51.4	51.5	51.7	51.3	51.1	52.76
49.5	49.8	50.0	50.0	50.2	50.5	50.9	51.0	51.2	51.3	51.7	51.8	50.28
—	—	—	—	—	—	—	—	—	—	—	—	—
53.8	54.0	54.4	55.0	56.2	56.2	56.9	57.2	57.4	57.6	57.6	57.4	54.51
52.0	51.8	51.8	51.9	52.0	52.2	52.6	53.0	53.3	53.7	53.8	53.6	53.48
52.3	52.8	53.0	53.5	53.8	54.0	54.2	54.7	55.2	55.2	55.2	55.0	53.55
52.8	53.2	53.5	53.9	54.2	54.5	54.8	55.0	55.0	55.2	55.2	55.0	53.90
52.0	52.4	53.0	53.8	54.3	55.2	55.8	56.2	57.0	57.2	57.4	57.6	54.29
54.2	54.7	55.5	56.4	57.2	58.0	59.2	60.0	60.8	61.4	62.0	62.2	57.07
—	—	—	—	—	—	—	—	—	—	—	—	—
57.3	57.3	57.7	58.2	58.8	59.0	59.2	59.6	59.7	59.4	59.3	59.0	59.20
54.1	54.1	54.6	55.4	55.4	55.4	55.2	55.4	55.4	55.6	55.6	55.6	55.90
53.6	53.8	54.0	54.4	54.5	54.7	55.0	55.3	55.7	55.8	55.8	55.8	54.70
53.2	53.3	53.7	54.2	54.8	55.4	55.8	56.2	56.8	57.1	57.5	57.8	55.04
57.6	58.0	58.8	59.0	59.2	59.3	59.2	59.2	59.0	58.8	58.6	58.0	58.21
54.6	54.6	54.0	54.6	54.6	54.8	55.0	54.9	54.8	54.7	54.7	54.6	55.33
—	—	—	—	—	—	—	—	—	—	—	—	—
57.0	57.2	57.7	58.4	59.0	59.4	59.6	59.8	60.0	60.0	59.8	59.6	57.56
57.6	57.6	57.8	—	58.5	58.9	59.2	59.1	59.0	59.0	58.9	58.8	58.21
55.0	55.2	55.7	56.0	56.7	57.2	57.8	58.3	58.7	59.0	59.3	59.6	56.86
58.2	58.7	58.7	58.9	59.2	59.3	59.5	59.8	59.8	59.8	59.8	59.5	59.06
55.5	55.7	55.8	56.3	56.8	57.0	57.3	57.6	57.8	57.9	58.0	58.0	57.20
56.8	57.2	57.8	58.4	59.0	59.7	60.3	60.5	61.0	61.2	61.3	61.2	58.24
—	—	—	—	—	—	—	—	—	—	—	—	—
56.3	56.4	56.8	57.0	57.3	57.8	58.0	58.2	58.5	58.5	—	58.0	57.68
55.2	55.5	55.7	56.2	56.8	57.0	57.6	58.0	58.0	58.3	58.1	58.0	56.69
53.3	53.2	53.3	53.2	53.0	52.8	52.8	52.8	52.8	52.7	52.8	52.3	54.05
—	—	—	—	—	—	—	—	—	—	—	—	—
54.61	54.78	55.07	55.35	55.83	56.12	56.45	56.71	56.94	57.09	57.08	57.03	55.90

VERTICAL FORCE.												
One Scale Division = '000062 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah ^t . = '00021.												
Mean Göttingen Time.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.
DECEMBER.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
	1	85.3	85.5	85.5	85.5	—	84.5	82.2	75.0	74.7	73.3	82.4
	2	81.3	78.8	81.4	81.4	81.2	83.7	82.3	86.4	80.9	82.2	84.5
	3	79.9	79.6	80.7	81.0	77.9	78.8	80.0	80.6	80.6	80.0	80.0
	4	64.5	64.2	68.2	—	—	—	—	—	—	—	—
	5	—	—	—	72.5	72.9	73.9	74.2	74.5	73.8	73.5	72.8
	6	72.7	73.0	73.0	74.3	75.1	76.2	76.2	77.0	77.0	77.0	78.3
	7	62.0	64.0	64.6	64.6	64.6	64.6	66.1	66.2	66.6	66.6	65.4
	8	61.1	57.0	58.4	58.4	—	60.2	61.9	64.2	64.0	64.2	64.6
	9	62.5	64.7	62.3	55.0	54.8	62.5	66.0	66.4	66.4	66.4	68.1
	10	63.6	—	64.4	65.2	61.1	65.5	66.8	70.7	62.5	64.6	64.8
	11	67.8	68.5	68.5	—	—	—	—	—	—	—	—
	12	—	—	—	71.3	69.4	66.6	63.1	69.4	71.5	68.5	69.0
	13	71.0	73.0	71.8	70.3	77.5	74.9	73.3	74.6	—	74.8	73.1
	14	69.0	67.7	68.5	68.5	70.5	67.5	68.0	68.3	71.7	71.7	67.6
	15	65.9	67.5	68.4	68.2	68.8	69.2	73.5	73.0	73.0	71.7	72.1
	16	58.8	—	59.5	59.5	60.6	60.6	62.3	62.0	61.6	61.6	65.1
	17	53.8	64.2	71.8	57.8	73.5	56.4	—	43.0	32.9	46.0	54.4
	18	65.2	64.7	49.7	—	—	—	—	—	—	—	—
	19	—	—	—	—	21.1	13.0	12.6	26.2	29.5	28.3	21.0
	20	23.3	45.0	a	19.1	b	28.0	b	b	b	38.5	46.2
	21	74.4	77.7	77.4	76.2	76.8	77.5	77.8	78.3	76.8	76.8	79.7
	22	68.0	69.3	69.3	57.5	72.4	69.9	69.9	64.4	68.0	67.6	62.1
	23	64.0	68.2	68.2	66.6	65.7	63.0	69.5	68.5	67.7	72.8	67.5
	24	66.5	65.5	64.9	c	—	—	—	—	—	—	—
	25	—	—	—	—	—	—	—	—	—	—	—
	26	—	—	—	66.1	66.4	66.4	67.7	68.7	67.2	65.7	66.6
	27	57.0	58.0	59.8	61.0	—	62.3	62.3	62.3	59.0	59.0	58.1
	28	50.2	51.3	50.8	50.2	—	60.7	60.7	62.5	60.7	61.2	62.0
	29	57.8	59.2	60.0	61.0	60.6	61.0	64.6	62.8	58.6	53.5	58.6
	30	61.8	62.8	62.6	64.4	64.8	65.3	65.3	66.2	66.2	62.8	61.3
31	55.7	56.8	58.0	59.2	57.3	59.2	59.2	58.0	56.6	54.7	54.6	
Hourly Means	63.97	66.09	66.71	64.59	66.33	64.28	66.89	66.77	65.31	64.92	65.38	

TEMPERATURE OF THE VERTICAL FORCE MAGNET.												
DECEMBER.	1	52.0	51.8	51.5	51.4	—	51.0	50.8	50.7	50.6	50.6	50.5
	2	54.8	54.8	54.8	54.8	54.6	54.2	54.1	54.0	53.7	53.5	52.8
	3	57.0	56.8	56.6	56.3	56.0	55.8	55.5	55.4	55.1	54.9	54.8
	4	64.0	64.0	64.0	—	—	—	—	—	—	—	—
	5	—	—	—	61.3	61.0	60.6	60.1	59.9	59.2	59.0	58.7
	6	61.0	60.8	60.5	60.1	59.8	59.3	59.0	58.7	58.4	58.2	58.0
	7	65.3	65.3	65.2	65.2	65.2	64.8	64.3	64.2	63.9	64.0	64.0
	8	71.3	71.0	70.3	69.9	—	68.9	68.8	68.0	67.2	66.8	66.8
	9	69.3	69.0	68.8	68.3	68.0	67.0	66.0	65.8	65.4	65.2	65.0
	10	65.0	—	64.8	64.7	64.5	64.3	64.1	64.0	64.0	64.0	64.0
	11	66.1	65.9	65.7	—	—	—	—	—	—	—	—
	12	—	—	—	63.5	63.5	63.3	63.2	63.2	63.2	63.0	62.8
	13	61.7	61.3	61.0	60.8	60.5	60.3	60.1	59.9	—	59.6	59.7
	14	64.8	64.8	64.8	64.6	64.2	64.0	63.9	63.6	63.2	63.0	62.8
	15	65.3	65.1	64.7	64.2	63.8	63.5	63.1	62.4	61.9	61.4	61.0
	16	64.0	—	63.7	63.4	63.0	62.8	62.2	61.7	61.0	60.8	60.7
	17	63.2	62.8	62.8	62.8	62.5	62.7	—	62.3	62.2	62.0	62.0
	18	63.7	62.9	62.4	—	—	—	—	—	—	—	—
	19	—	—	—	—	57.1	57.0	57.2	57.3	57.0	57.0	56.6
	20	57.6	57.4	—	57.5	—	56.2	—	—	—	55.6	55.4
	21	59.8	59.5	59.3	59.1	59.0	58.8	58.4	58.0	57.6	57.2	56.9
	22	62.2	62.2	62.0	62.0	62.0	61.8	61.6	61.6	61.5	61.3	61.3
	23	63.7	63.7	63.6	63.0	62.2	61.8	61.2	60.6	60.3	60.0	59.8
	24	62.2	62.3	62.3	c	—	—	—	—	—	—	—
	25	—	—	—	—	—	—	—	—	—	—	—
	26	—	—	—	61.8	61.3	61.0	60.8	60.8	60.4	60.2	60.0
	27	64.8	64.7	64.7	64.5	—	64.4	64.4	64.5	64.4	64.3	64.2
	28	69.0	68.6	67.8	67.0	—	65.2	64.9	64.0	62.8	62.5	62.2
	29	63.7	63.5	63.3	63.2	63.0	62.8	62.5	62.3	62.2	62.0	61.8
	30	63.1	63.0	62.9	62.8	62.6	62.4	62.2	62.3	61.9	61.7	61.5
	31	66.4	66.4	66.2	66.2	66.0	66.0	66.0	66.0	66.0	65.9	65.7
Hourly Means	63.12	62.82	62.95	62.34	61.90	61.53	61.43	61.24	60.96	60.53	60.35	

^a Out of the field.

^b Out of the field; north end down.

^c Christmas Day.

VERTICAL FORCE.

One Scale Division = '000062 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah. = '00021.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div. 88.5	Sc. Div. 86.4	Sc. Div. 83.6	Sc. Div. 83.1	Sc. Div. 83.1	Sc. Div. 77.6	Sc. Div. 79.1	Sc. Div. 79.6	Sc. Div. 90.2	Sc. Div. 83.7	Sc. Div. 84.0	Sc. Div. 84.5	Sc. Div. 83.13
89.5	85.0	80.7	81.3	84.8	84.1	79.6	80.0	74.5	80.1	79.4	79.5	81.80
81.4	81.5	79.6	84.0	75.9	75.9	67.6	66.3	66.8	66.6	66.1	63.2	76.48
—	—	—	—	—	—	—	—	—	—	—	—	—
76.8	79.5	82.0	82.0	78.3	76.4	73.9	69.0	71.0	74.5	71.0	71.2	73.52
78.2	78.0	76.7	73.8	70.8	67.3	65.9	64.8	64.8	63.6	63.0	62.1	72.44
61.0	61.3	66.6	60.4	53.5	52.4	50.2	59.6	57.5	57.5	59.4	57.9	61.32
69.8	71.2	71.2	69.0	63.1	58.7	63.3	65.6	62.0	60.0	60.8	54.8	63.07
68.8	69.2	69.3	65.9	64.0	64.9	61.8	62.9	65.1	64.2	65.2	63.9	64.52
75.5	73.8	69.4	72.8	69.3	63.8	70.0	70.0	67.9	66.2	64.8	61.9	67.14
—	—	—	—	—	—	—	—	—	—	—	—	—
72.9	74.7	74.5	75.3	71.7	68.8	65.9	69.2	69.5	71.4	71.8	71.8	70.05
71.4	72.3	73.0	74.0	69.8	67.2	67.7	67.7	67.7	67.7	—	65.5	71.35
66.4	66.4	66.4	69.0	70.3	66.3	62.5	61.6	62.0	63.2	65.6	63.7	67.06
75.8	73.6	63.3	65.2	64.4	64.1	62.0	60.5	56.3	57.5	58.8	58.8	66.92
63.2	63.2	68.8	63.1	63.4	65.5	67.6	63.0	65.5	57.7	68.6	69.4	63.20
53.4	62.0	67.6	67.6	71.7	62.3	67.9	67.9	62.7	64.0	65.2	—	59.77
—	—	—	—	—	—	—	—	—	—	—	—	—
62.2	69.3	92.7	105.5	104.4	84.0	92.6	96.2	98.0	117.3	78.0	65.6	62.62
52.2	71.2	65.0	67.7	63.1	67.4	67.3	68.0	69.3	70.0	74.6	76.1	57.20
78.8	79.4	81.2	79.4	76.9	76.9	73.9	65.2	67.8	66.7	65.3	66.8	75.31
68.6	68.1	68.6	68.6	70.3	70.3	68.3	60.0	60.0	65.7	62.3	62.3	66.35
68.9	70.1	72.5	69.2	71.8	70.9	66.9	63.0	66.8	64.6	63.3	64.6	67.53
—	—	—	—	—	—	—	—	—	—	—	—	—
71.0	73.6	75.3	73.1	70.4	68.7	65.9	61.7	59.8	58.7	59.0	57.7	66.51
60.2	61.4	61.2	58.8	56.2	51.8	50.5	48.2	47.8	48.7	48.7	48.7	56.48
65.3	71.4	74.8	74.8	73.9	67.5	66.0	64.4	59.3	59.3	58.3	54.9	61.79
64.8	66.8	68.9	64.3	61.8	64.9	66.7	68.6	62.9	61.6	61.9	61.0	62.16
65.3	64.2	65.5	67.7	66.5	64.6	61.9	60.5	52.5	52.5	52.5	52.5	62.21
60.0	62.2	62.2	62.2	62.0	56.8	54.9	56.5	58.2	58.2	57.7	57.6	58.10
69.55	71.38	72.33	72.22	70.63	67.66	66.92	66.15	65.61	66.20	65.09	63.84	66.84

TEMPERATURE OF THE VERTICAL FORCE MAGNET.

51.2	51.3	51.5	52.2	52.7	53.1	53.5	53.8	54.2	54.4	54.6	54.8	52.12
53.7	53.9	54.3	54.8	55.2	55.7	56.0	56.2	56.8	57.0	57.1	57.0	54.90
55.6	56.0	56.5	57.2	58.3	59.3	60.2	61.2	62.2	63.0	63.5	63.8	57.76
—	—	—	—	—	—	—	—	—	—	—	—	—
59.0	59.0	59.1	59.3	59.8	60.1	60.2	60.6	61.0	61.0	61.1	61.1	60.50
58.5	59.1	60.0	60.7	61.2	62.0	62.7	63.7	63.8	64.4	65.0	65.2	60.76
64.8	65.2	66.2	67.3	68.5	69.5	70.7	71.6	72.5	72.3	72.0	72.0	67.01
67.1	67.5	67.8	67.8	68.0	68.2	68.6	68.9	69.1	69.3	69.3	69.4	68.56
65.0	65.0	65.1	65.2	65.2	65.2	65.3	65.5	65.5	65.7	65.5	65.3	66.09
61.0	64.5	64.9	65.3	65.9	66.2	66.8	66.9	66.9	66.8	66.6	66.3	65.15
—	—	—	—	—	—	—	—	—	—	—	—	—
62.8	62.8	62.8	62.8	62.7	62.4	62.3	62.3	62.2	62.0	61.9	61.4	63.11
59.8	60.2	60.6	61.2	61.7	62.2	63.0	63.5	63.9	64.2	—	64.8	61.49
63.5	64.0	64.7	65.3	65.3	65.7	65.7	66.0	66.0	66.0	66.0	65.8	64.62
60.7	60.8	61.0	61.2	61.8	62.3	62.9	63.3	63.8	64.2	64.4	64.3	62.83
61.2	61.4	61.9	62.2	62.5	62.6	62.8	62.8	63.1	63.1	63.1	63.2	62.36
62.8	63.0	63.0	63.5	64.0	64.3	64.6	64.8	64.9	64.8	64.5	—	63.25
—	—	—	—	—	—	—	—	—	—	—	—	—
56.6	56.6	56.6	56.6	56.7	57.0	57.2	57.3	57.5	57.7	57.7	57.8	57.84
55.3	55.6	55.7	56.2	56.8	57.3	58.0	58.5	59.2	59.5	59.8	59.8	57.20
57.2	57.3	57.8	58.8	59.5	60.0	60.4	61.0	61.4	61.6	62.0	62.0	59.15
62.3	62.8	63.3	63.6	63.8	64.4	64.8	64.7	64.8	64.4	64.2	64.0	62.85
59.2	59.0	59.2	59.3	59.7	60.0	60.5	61.0	61.7	62.0	62.0	62.0	61.04
—	—	—	—	—	—	—	—	—	—	—	—	—
60.0	60.3	60.5	60.9	61.5	62.2	62.8	63.2	63.8	64.1	64.2	64.4	61.71
64.5	65.0	65.8	67.2	68.2	68.6	69.0	69.4	69.6	69.6	69.8	69.6	66.32
61.8	61.4	61.2	61.2	61.4	61.7	62.1	62.5	62.9	63.3	63.4	63.8	63.60
61.4	61.5	61.6	62.0	62.2	62.7	62.8	63.2	63.2	63.3	63.3	63.3	62.60
61.7	62.1	62.6	63.2	63.8	64.3	64.8	65.2	65.8	66.2	66.4	66.4	63.34
65.6	66.0	66.0	66.0	66.3	66.5	66.8	66.8	66.8	66.7	66.6	66.3	66.20
60.59	60.82	61.14	61.57	62.03	62.44	62.86	63.23	63.56	63.72	63.80	63.75	62.52

January 20th and 21st. MAGNETICAL OBSERVATIONS.												
Mean Göttingen Time.		Angular Value of one Scale Division = 0' 502.						DECLINATION.				
		10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
M.	S.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
0	0	93'0	96'0	97'5	106'4	112'2	99'7	120'4	122'5	122'2	121'9	119'0
5	0	97'2	95'8	98'1	108'0	113'8	100'3	121'3	123'2	121'1	—	118'0
10	0	97'3	95'4	101'2	109'0	114'2	100'1	121'5	123'5	121'2	121'0	117'2
15	0	98'7	95'3	102'0	110'2	114'9	99'9	122'5	123'8	121'3	120'6	116'2
20	0	97'2	96'0	101'0	110'2	115'2	100'1	122'2	122'8	121'7	120'2	117'0
25	0	97'7	97'0	102'2	110'0	115'0	100'4	122'5	122'0	122'0	119'9	116'4
30	0	93'4	97'5	103'8	110'5	115'8	100'3	122'3	121'8	122'6	119'7	117'0
35	0	95'6	97'0	103'0	110'8	117'0	100'5	122'2	122'0	122'4	118'8	116'5
40	0	98'3	97'5	102'4	111'2	117'3	100'4	122'8	122'5	123'0	118'6	116'0
45	0	97'1	95'4	103'2	111'4	117'4	101'4	123'0	122'2	122'5	118'7	115'4
50	0	96'6	94'9	103'4	111'9	118'0	101'4	122'8	121'8	122'7	118'1	115'2
55	0	96'1	94'3	104'0	112'5	118'0	100'9	122'5	122'8	122'2	119'0	114'2
One Scale Division = '000170 parts of the H. F. HORIZONTAL FORCE.												
M.	S.											
2	30	104'9	104'5	102'0	98'8	99'2	104'0	105'8	109'8	111'8	112'3	115'7
7	30	107'0	104'0	103'0	98'8	99'8	103'9	106'0	110'5	109'8	112'7	115'4
12	30	106'1	104'0	102'8	99'5	100'2	103'9	108'0	111'8	108'3	—	116'0
17	30	105'9	104'7	101'0	98'0	100'5	104'0	108'2	111'2	108'6	112'3	118'2
22	30	106'6	104'6	101'2	97'5	101'0	104'9	107'3	111'0	108'0	112'4	117'2
27	30	105'7	104'6	101'5	96'8	101'9	104'7	107'8	109'2	108'1	113'2	116'5
32	30	104'2	104'5	101'5	97'5	102'8	105'1	107'2	108'5	109'7	113'0	115'0
37	30	105'4	104'4	100'5	97'0	102'9	106'2	107'3	108'7	108'8	112'8	115'1
42	30	105'3	104'8	99'8	97'0	102'5	106'2	107'8	108'7	111'0	113'7	114'2
47	30	105'0	103'8	99'1	97'8	103'3	105'8	107'8	108'8	111'8	114'0	113'2
52	30	105'0	102'6	98'0	98'2	103'4	105'1	108'5	108'0	112'4	113'8	113'0
57	30	104'4	102'3	98'8	98'5	103'2	105'2	109'2	111'3	112'2	116'0	111'8
Thermometer		67'8	67'6	67'8	68'0	68'2	68'6	69'0	69'2	70'2	70'2	70'2
Induction Inclinometer, one Sc. Div. = 0' 502 ; p. = 4'8297 ; u. = 14° 22'.												
M.	S.											
0	0	98'1	98'1	96'8	96'4	96'6	99'7	101'0	102'1	104'2	104'8	107'2
5	0	99'4	98'0	97'4	96'1	96'6	100'3	101'1	102'7	103'5	—	106'7
10	0	99'6	97'9	97'9	96'0	97'5	100'1	101'1	103'1	102'6	105'2	106'9
15	0	100'0	98'2	98'4	96'6	97'5	99'9	102'1	104'0	102'3	105'2	107'4
20	0	99'5	98'4	97'6	95'9	97'6	100'1	101'6	103'6	102'0	105'5	108'5
25	0	99'3	98'1	97'4	95'5	97'9	100'4	101'8	102'8	102'0	105'3	107'4
30	0	98'5	98'2	97'3	96'1	99'0	100'3	101'5	102'0	102'6	105'8	107'6
35	0	98'5	98'3	96'6	95'4	99'1	101'5	101'2	102'1	102'5	105'5	106'9
40	0	99'0	97'9	97'4	95'3	99'3	101'4	101'1	101'9	103'9	105'3	106'6
45	0	99'1	98'1	96'8	95'3	99'4	101'4	101'4	101'7	104'1	105'9	106'3
50	0	98'9	97'3	96'2	96'7	99'6	101'4	102'0	102'1	104'7	105'7	105'4
55	0	98'5	96'9	95'7	96'1	99'6	100'9	101'9	103'6	105'1	106'4	105'2
Thermometer		67'3	67'8	68'6	68'8	69'0	69'2	69'5	70'4	71'0	71'0	70'6
Increasing Numbers denote increasing easterly Declination.												
METEOROLOGICAL OBSERVATIONS.												
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.			
				Dry.	Wet.	Direction.	Force.					
D.	H.	M.	In.	°	°							
20	10	0	29'783	59'6	56'6	S.S.E.	Light air.	0'7	Soft cum. and cir.-cum. scattered; mild and fine.			
	11	0	29'787	62'3	58'5	S.S.E.	Light air.	0'5	The same.			
	12	0	29'790	65'4	59'5	S.S.E.	Light breeze.	0'5	Nearly cloudless; fine and settled.			
	13	0	29'778	67'5	61'0	S.S.E.	Light breeze.	0'4	The same.			
	14	0	29'767	68'8	61'7	S.S.E.	Moderate breeze.	0'3	The same, with pleasant sea breeze.			
	15	0	29'751	70'0	62'0	S.E. by S.	Fresh breeze.	0'4	The same.			
	16	0	29'747	70'0	62'0	S.E. by S.	Fresh breeze.	0'2	The same.			
	17	0	29'741	71'3	61'8	S.E. by S.	Strong breeze.	0'2	The same.			
	18	0	29'729	70'3	60'5	S.E. by S.	Strong breeze.	0'2	The same, but with much mist whitening the sky.			
	19	0	29'725	67'7	59'8	S.E.	Strong breeze.	0'3	Light cum., with scattered cir.-cum.; white mist.			
	20	0	29'725	68'2	59'8	S.E.	Fresh breeze.	0'3	Fine and settled, with cum.			
	21	0	29'749	67'0	60'0	S.S.E.	Moderate breeze.	0'4	The same.			

MAGNETICAL OBSERVATIONS.												January 20th and 21st.	
DECLINATION.						Angular Value of One Scale Division = 0' 502.							
21h.	22h.	23h.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
112°8	110°6	103°1	105°0	108°8	108°8	107°9	99°7	101°2	106°2	107°5	107°8	103°0	
112°2	110°5	102°9	105°5	108°7	110°0	106°4	101°0	101°4	106°8	107°8	106°8	102°0	
111°8	110°8	103°2	106°0	108°7	110°6	104°2	106°5	101°2	106°8	107°0	105°0	101°5	
112°8	110°8	103°2	106°2	108°7	110°7	103°2	112°0	101°2	106°9	107°3	105°0	101°8	
111°4	110°8	103°2	106°5	108°0	110°0	102°7	113°5	102°0	106°7	107°0	104°8	101°3	
111°1	110°0	104°1	107°0	107°5	109°4	101°6	112°0	102°8	106°9	107°3	104°0	100°8	
111°0	108°2	104°8	107°2	107°2	106°8	100°7	111°0	102°9	106°9	108°2	104°0	100°2	
111°0	106°5	105°0	107°2	106°8	107°3	99°6	107°5	103°0	107°1	108°1	103°8	100°2	
110°4	106°0	105°0	108°0	107°0	108°2	97°8	105°0	102°2	107°0	109°7	103°3	100°3	
110°6	105°7	103°5	108°0	107°3	108°3	96°9	103°0	103°8	107°1	109°2	103°3	100°3	
111°0	105°0	103°8	108°5	107°7	108°0	95°5	102°0	105°0	107°2	109°0	103°3	100°8	
110°8	103°7	104°0	108°5	108°5	107°8	96°8	101°2	106°1	107°2	108°3	103°5	100°8	

HORIZONTAL FORCE.												Change in the Magnetic moment of the Bar for 1° Fah°. = '000093.	
111°2	112°1	113°1	111°3	112°0	110°3	114°7	105°9	111°9	107°2	106°4	108°3	104°8	
110°2	111°6	113°2	110°8	111°8	112°9	113°3	106°2	111°2	107°2	106°2	108°2	104°2	
110°4	111°5	112°8	110°8	111°8	113°9	113°2	105°8	111°0	106°8	107°0	108°8	104°2	
112°5	112°3	112°4	110°8	111°3	115°5	113°3	105°8	109°8	107°0	106°7	108°3	104°3	
112°8	112°7	112°3	110°3	110°8	116°4	113°6	107°0	109°0	107°2	108°0	108°5	104°2	
112°2	112°8	112°8	110°0	110°5	118°1	114°0	108°8	108°0	107°0	107°3	108°5	104°3	
112°5	112°6	112°0	110°0	110°2	120°6	114°3	109°4	107°6	106°9	108°0	108°3	104°3	
112°6	112°2	112°2	110°2	110°0	121°1	113°9	109°2	107°0	107°3	108°0	108°0	104°3	
111°2	113°0	112°2	110°5	110°3	120°3	113°3	109°0	107°2	107°5	108°0	107°5	104°2	
112°0	112°8	111°8	110°7	110°3	—	112°4	109°6	107°0	107°5	108°2	107°0	104°5	
112°0	112°8	111°8	111°0	110°3	117°5	—	111°0	107°0	107°2	108°8	106°3	104°5	
112°2	113°0	111°7	111°6	110°2	116°5	108°9	111°2	107°0	107°0	108°8	105°2	104°5	
70°4	70°1	70°0	70°0	69°8	69°5	69°0	68°7	68°0	67°8	67°7	67°1	66°5	

Induction Inclinometer, one Sc. Div. = 0' 502 ; p. = 4° 8297 ; u. = 14° 22'.												
105°4	104°5	105°0	103°6	104°0	103°3	106°5	101°3	103°8	101°0	100°9	101°8	99°4
105°4	104°2	104°9	103°6	104°1	104°4	105°7	100°6	103°2	101°0	100°5	101°6	99°1
103°8	104°3	104°9	103°4	104°1	105°0	105°1	100°6	103°2	100°8	100°6	102°1	99°1
105°3	104°8	104°5	103°6	104°1	105°6	105°0	99°8	102°9	100°7	101°0	102°1	99°0
105°7	104°7	104°5	103°8	103°8	106°1	104°9	100°6	102°6	100°7	101°4	101°6	99°1
105°5	104°6	104°6	103°6	103°4	107°3	105°3	101°8	101°8	100°6	101°4	101°6	98°6
105°2	105°1	104°0	103°6	103°2	108°0	105°1	101°1	101°7	100°7	100°9	101°6	98°4
104°8	105°6	103°9	103°6	103°6	109°1	105°0	102°9	101°4	100°9	101°6	101°3	98°4
105°0	104°1	103°8	103°1	103°6	109°3	104°5	102°6	101°4	100°9	101°7	101°3	98°3
104°8	104°4	104°1	103°2	103°3	108°7	103°8	102°4	100°8	101°3	101°7	100°8	98°3
104°6	104°0	103°8	102°7	103°1	108°0	103°4	102°6	101°1	101°4	101°7	100°5	98°5
104°6	104°9	103°8	103°5	103°1	107°3	102°5	103°4	100°7	100°7	102°3	99°9	98°3
70°4	69°9	69°0	69°3	68°8	68°5	68°0	67°7	67°0	66°8	67°0	66°1	65°3

increasing Horizontal Force, and decreasing Inclination.

METEOROLOGICAL OBSERVATIONS.											
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.		
D.	H.	M.		Dry.	Wet.	Direction.	Force.				
20	22	0	29°745	63°0	58°0	S.	Gentle breeze.	0·5	Fine and settled; cum.; haze to the eastward.		
	23	0	29°743	62°0	58°0	S. by E.	Gentle breeze.	0·7	Sky becoming gradually overcast.		
21	0	0	29°745	60°8	57°2	S.S.E.	Gentle breeze.	0·2	Nearly cloudless, with a thin haze; fine.		
	1	0	29°724	60°3	57°7	S.S.E.	Light breeze.	0·2	The same.		
	2	0	29°719	59°8	57°2	S.S.E.	Light air.	0·2	Small misty cloud in the S., stars watery, otherwise clear.		
	3	0	29°707	59°0	56°0	S.S.E.	Light air.	0·6	Small gloomy misty clouds scattered over the sky.		
	4	0	29°696	58°4	56°0	S. by E.	Light air.	0·0	Clear and fine.		
	5	0	29°696	57°0	54°2	—	Calm.	0·0	Clear and fine.		
	6	0	29°685	57°2	56°2	—	Calm.	0·8	Mostly overcast, with soft cum.		
	7	0	29°686	58°0	56°0	—	Calm.	0·4	Cum. clearing off; considerable haze and mist arising from the river.		
	8	0	29°689	56°5	55°2	—	Calm.	0·4	Fine throughout.		
	9	0	29°675	58°0	56°5	S. by E.	Gentle breeze.	0·4	The same.		

February 26th and 27th.		MAGNETICAL OBSERVATIONS.											
Mean Göttingen Time.		Angular Value of one Scale Division = 0' 502.										DECLINATION.	
		10h.	11h.	12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	
M.	S.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
0	0	103'5	104'0	99'2	100'7	103'3	107'3	112'0	115'8	116'5	114'9	112'0	
5	0	102'1	104'0	99'3	100'8	103'2	107'2	112'2	115'9	116'3	115'0	112'0	
10	0	100'8	103'0	98'9	101'0	104'5	108'3	112'4	115'7	116'2	114'5	112'0	
15	0	101'8	102'4	99'0	101'2	105'5	109'0	112'6	116'4	116'0	114'2	112'1	
20	0	102'6	103'0	99'0	101'2	105'7	109'3	113'3	116'2	115'9	114'0	112'0	
25	0	103'0	104'0	99'0	101'2	105'2	109'7	113'8	116'3	115'4	113'8	112'0	
30	0	103'2	104'1	99'8	101'7	106'0	110'3	113'6	116'7	115'5	113'6	112'1	
35	0	103'4	103'0	100'0	102'0	105'8	110'8	114'0	116'6	115'7	113'6	112'2	
40	0	103'0	102'0	100'5	102'2	105'7	111'2	114'7	116'3	115'3	113'7	112'0	
45	0	101'2	100'0	100'5	102'2	106'3	111'6	115'1	116'8	115'0	113'0	112'2	
50	0	101'8	100'4	101'2	102'8	107'3	111'7	115'1	116'6	114'9	112'5	112'0	
55	0	102'3	98'8	100'5	103'2	107'2	111'7	115'3	116'4	115'2	112'3	112'0	

M. S.		One Scale Division = .00170 parts of the H.F.										HORIZONTAL FORCE.	
		10h.	11h.	12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	
2	30	184'3	177'0	174'0	173'0	171'0	169'0	172'0	174'0	176'3	178'5	179'0	
7	30	183'4	176'6	174'1	172'8	170'8	169'5	171'8	173'9	176'3	179'0	178'9	
12	30	183'4	175'6	174'6	172'5	170'7	170'2	171'3	174'2	176'0	178'4	179'5	
17	30	183'8	175'0	174'8	172'2	170'3	171'2	172'1	175'0	176'5	178'7	179'9	
22	30	183'8	174'5	174'8	171'0	170'0	171'1	172'4	175'2	177'0	178'3	180'0	
27	30	183'4	174'0	174'1	171'5	170'5	170'9	172'4	175'0	176'9	178'3	180'2	
32	30	183'2	174'0	174'0	170'8	170'8	170'7	172'6	175'1	177'9	177'8	180'8	
37	30	182'5	174'0	174'1	170'8	169'8	170'7	173'2	175'0	177'9	178'4	181'2	
42	30	181'6	173'8	173'8	171'0	167'7	171'2	173'0	175'2	178'0	178'2	181'0	
47	30	180'0	173'8	173'8	171'2	167'2	170'8	173'4	175'9	178'0	178'4	180'3	
52	30	179'2	173'6	172'8	171'3	167'8	171'1	173'7	175'7	178'5	178'3	180'7	
57	30	178'0	174'0	173'0	171'0	169'4	171'5	174'0	176'7	178'9	179'0	180'7	

Thermometer	66'5	66'8	66'7	66'8	67'2	68'5	69'4	70'2	70'8	70'9	71'0
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M. S.		Induction Inclinometer, one Sc. Div. = 0' 502; p. = 4' 8297; u. = 14° 22'.										
		10h.	11h.	12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.
0	0	102'2	98'6	96'1	96'0	95'4	94'3	96'5	97'7	99'0	100'5	100'9
5	0	101'9	97'9	96'1	95'9	94'7	94'0	95'3	97'7	99'0	100'4	100'9
10	0	101'7	97'3	96'0	95'9	94'9	94'6	96'3	97'6	99'0	100'4	101'0
15	0	101'7	96'8	96'7	95'9	94'7	94'7	96'2	98'2	99'1	100'7	101'0
20	0	101'5	96'8	97'0	95'5	95'0	95'4	96'6	98'2	99'0	100'8	101'2
25	0	101'7	96'6	96'9	95'5	94'9	95'5	96'7	98'1	99'6	100'3	101'3
30	0	101'5	96'8	96'3	95'0	94'7	95'4	96'8	98'0	99'6	100'3	101'5
35	0	101'3	96'7	95'9	94'9	94'3	95'1	97'0	98'1	100'0	100'4	101'7
40	0	100'9	96'7	96'3	95'4	93'5	95'7	97'1	98'1	100'1	100'5	102'2
45	0	99'7	96'1	96'4	95'4	93'6	95'8	97'3	98'4	100'0	100'2	101'5
50	0	99'1	96'3	96'5	95'1	93'4	95'6	97'5	98'4	100'0	100'6	101'6
55	0	98'6	94'9	96'2	95'3	93'2	96'2	97'7	98'7	100'7	100'7	101'4

Thermometer	66'7	67'0	67'2	67'2	67'8	69'8	70'8	71'4	72'2	72'0	71'7
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Increasing Numbers denote increasing easterly Declination.

METEOROLOGICAL OBSERVATIONS.

Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.
				Dry.	Wet.	Direction.	Force.		
D.	H.	M.	In.	°	°				
26	10	0	29'426	65'4	62'1	N.W.	Light air.	1'0	Overcast and gloomy, with a dense haze.
	11	0	29'399	67'4	62'5	N.W.	Light breeze.	1'0	Overcast and gloomy; hard rain commenced.
	12	0	29'351	67'0	63'0	N.W. by N.	Fresh breeze.	1'0	Overcast and gloomy; rain ceased 12 ^h 15 ^m ; rain recommenced at 12 ^h 25 ^m .
	13	0	29'331	67'2	64'2	N.W. by N.	Light breeze.	1'0	A little rain still falling.
	14	0	29'282	69'3	65'0	W.N.W.	Moderate breeze.	0'8	The sun breaking a little through the clouds.
	15	0	29'223	77'0	68'7	W.N.W.	Moderate breeze.	0'8	Sultry close atmosphere; unsettled appearance generally.
	16	0	29'189	82'7	70'0	W.	Moderate gale.	0'4	Scattered cir.-cum. clouds, thick haze, and warm wind.
	17	0	29'146	87'6	69'0	N.W. by N.	Moderate gale.	0'5	Scattered cir.-cum. clouds, thick haze, and warm wind.
	18	0	29'170	87'9	67'2	W.	Fresh gale.	0'3	Cir.-cum. and haze, with a fresh gale.
	19	0	29'206	82'0	63'0	W.	Fresh gale.	0'3	Cir.-cum. and haze, with a fresh gale.
	20	0	29'232	77'0	61'1	W. by N.	Fresh gale.	0'4	A few cum., with a thick haze; strong westerly gale.
	21	0	29'268	70'8	58'8	W.N.W.	Fresh gale.	0'3	Sky clearing; air cooling.

MAGNETICAL OBSERVATIONS.												
February 26th and 27th.												
DECLINATION.						Angular Value of one Scale Division = 0'.502.						
21 ^h	22 ^h	23 ^h	0 ^h	1 ^h	2 ^h	3 ^h	4 ^h	5 ^h	6 ^h	7 ^h	8 ^h	9 ^h
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
111.8	111.5	110.0	110.0	108.7	107.0	109.0	108.0	107.7	108.8	109.5	109.0	108.0
111.8	111.0	109.3	109.5	107.7	107.1	109.0	111.0	107.8	109.2	109.0	109.0	108.0
112.2	111.0	109.2	109.2	107.0	106.7	108.0	101.5	107.8	109.8	109.0	109.0	108.0
112.2	111.0	108.3	109.2	108.0	106.9	107.0	112.0	107.5	111.2	109.0	109.0	108.0
112.0	111.0	108.0	109.7	108.7	107.5	107.7	114.3	107.2	111.8	108.8	109.1	107.2
112.3	111.2	108.3	110.8	109.2	108.2	107.3	114.8	107.2	112.0	109.1	109.1	107.0
112.3	111.0	109.2	111.8	109.5	108.7	107.7	114.7	107.2	112.0	109.0	109.0	107.2
112.3	111.0	109.2	111.0	108.9	108.3	107.9	112.0	107.5	111.8	109.0	109.1	106.6
112.2	110.8	109.7	109.3	109.0	108.2	107.3	110.0	107.7	111.8	108.6	109.0	106.4
112.2	110.8	110.3	108.2	108.3	108.4	107.9	109.5	107.8	111.2	108.6	109.0	106.8
112.2	111.0	109.8	108.4	108.2	108.1	108.3	108.2	107.8	110.5	108.8	108.3	106.3
111.8	111.0	109.6	108.3	107.3	108.7	108.0	107.2	107.8	109.8	109.0	108.7	106.0

HORIZONTAL FORCE.												
Change in the Magnetic moment of the Bar for 1° Fah. = .000093.												
180.7	181.8	183.4	185.4	183.1	182.0	183.9	183.7	183.8	181.0	183.8	183.3	185.0
180.8	181.8	183.4	185.8	182.1	181.9	184.0	184.0	183.8	181.0	183.8	183.3	184.9
180.8	181.8	183.2	185.8	182.1	181.8	183.7	183.9	183.8	181.0	183.7	183.6	184.8
180.8	181.8	183.3	185.8	182.1	182.0	183.2	184.1	183.2	181.3	183.5	183.9	184.7
180.8	181.8	183.8	186.2	181.9	182.2	183.0	184.2	183.2	182.0	183.5	184.0	184.9
181.5	181.8	184.0	187.0	181.9	182.3	183.1	184.0	183.2	182.6	183.2	184.0	184.8
181.8	182.0	185.7	187.0	181.9	182.0	183.9	183.5	183.0	183.1	183.1	184.2	184.8
181.8	182.8	186.8	186.1	182.2	182.5	183.9	183.1	182.5	183.5	183.2	184.5	184.4
182.0	182.5	186.7	185.9	182.2	182.8	183.0	183.8	182.0	183.7	183.2	184.8	184.5
182.1	182.3	185.0	185.8	182.5	182.9	183.1	184.0	182.0	184.0	183.2	184.7	184.7
182.0	182.3	183.8	185.2	182.0	182.8	183.5	184.0	182.0	184.0	183.3	184.9	184.2
181.8	182.8	183.4	184.2	182.0	183.1	183.6	183.8	182.0	184.0	183.3	184.9	184.7
70.8	70.8	70.7	70.8	70.8	70.8	70.1	69.8	69.3	69.2	69.0	68.0	68.0

Induction Inclinometer, one Sc. Div. = 0'.502; p. = 4.8297; u. = 14° 22'.												
101.3	101.9	102.5	103.0	102.7	101.8	102.4	102.2	101.9	100.1	101.6	101.2	101.9
101.5	101.9	102.8	103.6	101.9	101.8	102.6	102.3	101.9	100.2	101.7	101.1	101.7
101.5	102.1	102.7	103.8	101.8	101.4	102.9	102.4	101.4	100.1	101.9	101.1	101.6
101.5	102.1	102.6	103.9	101.9	101.2	102.3	102.1	101.6	100.5	101.9	101.5	101.6
101.4	102.1	102.8	103.8	101.9	101.8	102.2	102.6	101.7	100.3	101.9	101.4	101.5
101.9	101.9	102.8	104.0	101.7	101.7	102.3	102.2	101.7	100.7	101.4	101.4	101.4
101.9	101.9	103.2	104.3	101.6	101.9	102.1	102.2	101.5	101.1	101.0	101.2	101.4
101.8	102.6	103.9	104.4	101.6	101.9	102.1	102.1	100.9	101.1	100.9	101.6	101.3
101.9	102.6	104.2	103.8	101.9	102.0	102.5	101.9	100.5	101.1	101.1	101.6	101.2
101.9	102.3	103.8	103.8	101.8	102.4	101.9	102.2	100.6	101.5	101.0	101.6	100.9
101.9	101.9	103.2	103.6	101.8	102.1	102.3	102.2	100.6	101.6	101.1	101.8	101.1
102.1	101.9	102.5	103.4	101.6	102.2	101.9	101.9	100.8	101.6	101.1	101.8	100.9
70.8	70.5	70.5	70.6	70.6	70.5	69.7	69.0	68.7	68.7	68.5	68.6	67.0

increasing Horizontal Force, and decreasing Inclination.

METEOROLOGICAL OBSERVATIONS.												
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.			
				Dry.	Wet.	Direction.	Force.					
D.	M.	H.	In.	°	°							
26	22	0	29.314	68.2	58.3	W.N.W.	Fresh gale.	0.5	Air considerably cooled, and become cleared.			
	23	0	29.357	67.0	58.7	W.N.W.	Moderate gale.	0.4	Sky much clearer; banks of massive cum. in the E. & W.			
27	0	0	29.386	66.3	58.7	W.N.W.	Moderate breeze.	0.7	Massive dark cum. and clear atmosphere; bright moonlight.			
	1	0	29.418	65.9	58.3	S.E. by E.	Light breeze.	0.7	Massive dark cum. and clear atmosphere.			
	2	0	29.450	64.6	56.6	N.W.	Gentle breeze.	0.7	Masses of cum. disconnected in places and moderate breeze.			
	3	0	29.480	62.2	53.7	N.W.	Fresh breeze.	0.5	Masses of cum.; clear atmosphere; N.W. breeze.			
	4	0	29.484	60.0	52.0	N.W.	Strong breeze.	0.3	Light cum. passing from the west, with strong breeze.			
	5	0	29.515	58.5	51.0	N.W.	Fresh breeze.	0.3	A fine night, with much clear sky and cool fresh wind.			
	6	0	29.537	57.8	50.2	N.W.	Moderate breeze.	0.3	A fine night; cool agreeable atmosphere and fresh wind.			
	7	0	29.546	57.2	49.8	W.N.W.	Fresh breeze.	0.3	A bank of dark massive cum.-strat. from N.E. to S.W.			
	8	0	29.574	56.6	49.5	W.N.W.	Gentle breeze.	1.0	Heavy lowering sky; masses of cum.			
	9	0	29.608	55.5	47.4	W.N.W.	Fresh breeze.	0.6	Heavy lowering clouds; sky more clear.			

March 24th and 25th.			MAGNETICAL OBSERVATIONS.										
Mean Göttingen Time.			Angular Value of one Scale Division = 0' 502.					DECLINATION.					
			10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
M.	S.		Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
0	0		12'0	8'0	5'0	2'0	5'2	9'0	13'8	16'6	14'2	10'0	14'8
5	0		12'2	9'0	4'2	1'8	5'6	9'5	14'2	17'5	13'1	10'9	14'7
10	0		12'0	8'9	3'3	2'0	5'8	9'4	14'4	16'8	13'2	11'3	14'5
15	0		11'6	9'4	4'2	2'6	6'6	10'2	15'4	17'0	11'5	12'0	14'7
20	0		11'3	8'7	4'3	3'6	7'0	10'5	14'8	17'6	9'8	12'2	14'7
25	0		10'6	7'4	5'3	2'8	7'0	10'8	15'2	18'2	11'1	12'8	14'8
30	0		11'3	5'4	4'5	2'8	7'2	11'5	15'0	17'3	11'1	13'4	14'9
35	0		10'4	5'0	4'4	3'0	7'6	12'0	17'2	17'8	9'4	14'0	14'7
40	0		9'3	4'0	3'4	3'4	8'0	12'2	16'2	17'0	7'8	14'2	14'5
45	0		9'2	3'6	3'4	5'0	8'0	13'0	16'1	16'8	7'5	14'4	14'6
50	0		9'5	4'3	3'6	4'8	8'2	13'0	16'7	15'2	7'3	14'8	14'8
55	0		8'3	4'0	2'0	5'0	8'5	13'5	16'7	15'0	8'5	15'1	14'6

M. S.		One Scale Division = .000170 parts of the H. F.					HORIZONTAL FORCE.					
2	30	76'7	73'0	72'1	69'4	67'6	67'3	69'8	72'0	69'7	73'2	74'3
7	30	77'0	72'9	71'1	68'8	67'8	67'6	68'7	70'8	70'0	72'6	75'4
12	30	76'8	71'4	71'9	68'8	67'6	67'3	69'0	70'2	69'9	73'2	76'2
17	30	77'0	70'9	72'8	68'8	67'7	67'6	68'2	71'0	69'8	73'8	76'6
22	30	76'7	71'0	72'7	68'5	67'8	67'2	69'0	71'5	70'0	73'3	77'1
27	30	76'8	70'0	72'2	68'2	67'6	67'2	69'0	71'8	71'2	73'1	77'2
32	30	77'2	69'8	71'8	68'2	67'3	67'2	71'0	70'3	70'4	73'2	77'2
37	30	77'0	69'9	71'3	67'6	67'0	67'2	69'9	69'8	68'8	73'6	77'1
42	30	76'4	69'8	71'8	67'2	67'5	67'8	70'0	70'5	69'3	74'2	77'0
47	30	76'0	70'0	70'6	67'2	67'4	68'2	70'3	70'3	70'3	74'3	76'6
52	30	75'0	70'1	70'0	66'8	67'0	67'8	70'2	70'2	71'9	74'2	77'0
57	30	74'5	70'9	69'8	67'2	67'2	68'2	70'4	69'8	72'9	74'9	77'0

Thermometer		59'3	59'2	59'2	59'2	59'4	59'4	59'7	59'8	60'1	60'1	59'8
M.	S.	Induction Inclinometer, one Sc. Div. = 0' 502; p. = 4'8297; u. = 14° 22'.										
0	0	100'0	98'3	96'4	96'5	95'3	95'7	95'9	97'0	96'7	97'8	98'4
5	0	100'4	97'9	96'5	96'1	95'5	96'0	95'5	97'4	96'5	97'6	98'8
10	0	100'2	97'6	96'6	95'9	95'5	95'9	95'3	96'9	96'9	97'8	99'2
15	0	100'3	97'0	97'4	95'9	95'5	96'1	94'9	96'9	96'3	97'9	99'6
20	0	100'2	96'5	99'0	95'7	95'5	95'6	95'4	97'3	96'1	97'9	100'1
25	0	100'2	96'4	97'4	95'1	95'5	95'6	96'7	97'7	96'7	97'8	100'2
30	0	100'3	96'0	97'3	95'3	95'7	95'6	96'4	97'4	96'8	98'0	100'5
35	0	100'5	95'9	97'5	95'7	95'5	95'7	97'5	97'1	96'8	98'0	100'3
40	0	100'1	95'9	96'9	95'1	95'7	95'9	96'7	96'9	95'7	98'3	100'4
45	0	99'9	95'9	96'9	94'9	95'5	95'9	97'3	96'9	96'1	98'5	100'1
50	0	99'6	95'8	96'7	95'1	95'7	96'1	97'2	97'8	96'6	98'3	99'9
55	0	99'0	95'9	96'7	94'9	95'4	95'9	97'0	97'1	97'3	98'6	100'3

Increasing Numbers denote increasing easterly Declination.

METEOROLOGICAL OBSERVATIONS.											
Mean Göttingen Time.			Barometer at 23°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.		
				Dry.	Wet.	Direction.	Force.				
D.	H.	M.	In.	°	°						
24	10	0	30'006	51'4	49'6	S.E. by S.	Light air.	1'0	Overcast; lowering sky, with light air.		
	11	0	30'014	52'5	50'5	S.E. by S.	Light air.	1'0	Overcast; lowering sky, with light air.		
	12	0	30'015	56'6	53'6	S.E. by S.	Light air.	0'9	Generally overcast; clouds broken in places, with cir. forming.		
	13	0	30'008	58'8	54'8	S.E. by S.	Light air.	1'0	Quite overcast and nearly calm.		
	14	0	29'998	59'0	55'0	S. E.	Gentle.	1'0	Continued overcast weather.		
	15	0	29'985	59'6	54'8	E.	Light.	1'0	Continued overcast weather.		
	16	0	29'965	59'3	54'0	E.	Light.	1'0	Sky still unbroken, but the sun occasionally shining through.		
	17	0	29'953	61'7	55'5	N.E.	Light.	1'0	Sky a little broken in places; rain clouds in the W. and N.W.		
	18	0	29'943	60'0	54'0	N.E.	Gentle.	1'0	Overcast and gloomy weather; moderate breeze.		
	19	0	29'949	58'2	53'0	N.E.	Light.	1'0	Overcast and gloomy weather; moderate breeze.		
	20	0	29'950	65'5	52'7	N.E.	Light.	1'0	Very lowering overcast sky.		
	21	0	29'961	55'6	51'7	N.E.	Light air.	1'0	Very lowering overcast sky.		

MAGNETICAL OBSERVATIONS.												March 24th and 25th.	
DECLINATION.						Angular Value of one Scale Division = 0'502.							
21h.	22h.	23h.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
14.0	13.0	11.8	11.2	5.8	8.8	9.2	8.4	10.6	8.8	8.6	11.0	12.2	
13.9	13.0	12.0	11.2	6.8	8.6	9.4	8.7	12.4	8.2	8.6	11.2	12.7	
13.2	13.0	12.0	11.0	7.8	9.1	9.6	8.2	13.4	7.6	9.0	11.2	12.8	
13.9	13.0	12.0	11.0	7.8	8.7	10.0	10.2	14.0	7.4	9.0	11.6	12.8	
13.8	12.8	12.2	11.5	7.8	8.6	9.6	10.3	13.4	7.2	9.0	12.0	12.8	
13.9	12.2	11.5	11.5	7.2	9.0	10.4	10.9	12.0	7.2	8.6	12.0	13.5	
13.9	12.2	11.2	11.5	7.8	8.4	10.5	10.6	12.0	7.8	8.8	11.8	14.0	
14.0	12.2	10.8	11.2	8.3	9.0	10.2	9.7	11.8	7.8	9.5	11.8	14.0	
13.4	12.2	11.0	11.0	8.8	9.0	9.5	9.2	11.2	7.8	10.2	11.8	12.8	
13.2	11.6	11.0	11.0	8.8	9.3	9.4	9.0	10.4	7.8	10.2	12.2	12.5	
13.0	11.4	11.2	11.0	8.8	8.9	8.9	9.6	9.2	8.2	10.8	12.2	12.0	
13.0	11.6	11.0	7.9	8.8	8.9	7.5	9.8	9.2	8.2	10.8	12.5	11.8	

HORIZONTAL FORCE.												Change in the Magnetic moment of the Bar for 1° Fah°. = '000093.	
78.0	77.8	77.8	78.5	85.5	77.6	78.1	78.3	—	78.0	77.6	76.8	77.0	
77.1	78.2	78.2	77.8	86.3	77.2	78.0	78.2	77.6	77.8	77.8	76.8	77.0	
77.6	78.2	78.4	77.8	85.0	77.0	77.7	79.0	77.8	77.6	77.8	76.8	77.0	
77.7	78.0	78.6	77.8	83.0	76.4	78.2	79.1	78.2	77.2	77.6	76.8	77.0	
77.0	77.8	78.6	77.8	81.0	77.0	78.6	79.0	78.7	76.9	77.8	76.8	77.0	
77.0	77.8	78.5	77.8	79.2	77.0	78.4	78.6	79.0	77.2	77.8	76.8	77.0	
77.0	77.8	78.5	77.8	78.8	76.9	78.8	—	79.6	77.0	77.5	76.8	77.0	
77.3	78.0	78.5	77.5	78.3	77.0	—	78.7	79.7	76.8	77.2	76.8	77.0	
77.3	77.8	78.5	77.2	77.8	77.2	78.6	78.3	78.8	76.8	76.8	76.8	76.8	
77.3	77.8	78.6	77.0	78.0	77.6	78.1	77.8	78.6	77.0	76.5	77.0	76.8	
77.5	77.8	79.0	77.0	77.8	77.1	78.1	77.2	78.6	77.2	76.2	77.0	76.5	
77.1	77.8	79.0	81.2	77.8	77.9	78.7	77.4	78.3	77.5	76.0	77.0	76.2	

Induction Inclinator, one Sc. Div. = 0'502; p. = 4'8297; u. = 14° 22'.												
100.6	99.9	100.3	100.7	103.1	100.2	100.4	100.5	99.5	100.3	99.7	99.4	100.0
100.4	100.3	100.4	100.7	104.3	100.3	100.3	100.2	100.0	100.5	99.3	99.7	100.2
100.6	100.7	100.7	100.9	104.6	100.2	100.2	100.5	99.9	100.3	99.9	99.7	99.9
100.1	100.5	100.7	100.7	103.7	100.0	99.9	100.8	100.1	99.9	99.9	99.5	100.1
100.1	100.5	100.7	100.4	102.9	99.9	100.3	100.8	100.5	99.7	99.9	99.4	100.1
100.0	100.5	100.7	100.4	101.7	100.1	100.5	100.6	100.1	99.7	100.1	99.4	99.9
100.0	100.7	100.8	100.4	100.9	100.2	100.4	100.3	100.7	99.5	100.1	99.6	99.7
99.9	100.7	100.8	100.3	100.8	99.8	100.5	100.3	100.9	99.3	99.9	99.6	99.7
100.5	100.5	100.7	100.1	100.3	99.7	100.4	100.1	100.9	99.1	99.7	99.6	99.6
100.5	100.5	100.7	100.1	100.3	100.0	100.3	99.9	100.5	99.3	99.7	99.7	99.7
100.1	100.5	100.7	99.9	100.3	100.0	100.0	99.9	100.7	99.7	99.3	99.7	99.9
100.0	100.2	100.1	100.6	100.1	99.7	100.2	99.7	100.7	99.7	99.3	99.9	99.8

increasing Horizontal Force, and decreasing Inclination.

METEOROLOGICAL OBSERVATIONS.

Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.
				Dry.	Wet.	Direction.	Force.		
D.	H.	M.	In.	°	°				
24	22	0	29.968	55.2	51.8	—	Calm.	0.9	Heavy rain; cum. nearly covering the sky.
	23	0	29.976	55.0	51.4	—	Calm.	1.0	Heavy rain; cum. nearly covering the sky.
25	0	0	29.964	54.3	51.0	—	Calm.	1.0	Heavy rain; cum. nearly covering the sky.
	1	0	29.964	54.0	50.4	E.N.E.	Light.	1.0	Overcast gloomy sky, and nearly calm.
	2	0	29.945	53.2	50.2	E.S.E.	Light.	1.0	Stars appearing in the zenith; a tranquil evening; overcast, with detached clouds.
	3	0	29.933	52.5	49.9	—	Calm.	1.0	Overcast sky; partially clear at intervals.
	4	0	29.920	52.2	50.0	—	Calm.	0.6	Partially clear, thin misty cloud spread over remainder.
	5	0	29.898	52.4	50.6	—	Calm.	0.7	Light misty cloud dispersed; stars dimly visible.
	6	0	29.872	52.4	50.6	—	Calm.	1.0	Dark and overcast.
	7	0	29.876	52.8	51.0	—	Calm.	1.0	Dark and overcast.
	8	0	29.870	53.0	51.2	—	Calm.	1.0	Gloomy and overcast.
	9	0	29.862	53.2	51.3	—	Calm.	1.0	Drizzling rain commenced, with overcast gloomy sky.

April 21st and 22d. MAGNETICAL OBSERVATIONS.													
Mean Göttingen Time.		Angular Value of one Scale Division = 0' 502.										DECLINATION.	
		10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .	
M.	S.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
0	0	104'0	106'0	110'0	106'4	106'9	112'2	111'5	112'3	112'3	112'8	111'5	
5	0	105'0	107'0	110'6	106'0	106'4	111'0	111'8	112'3	112'8	113'0	111'2	
10	0	105'0	107'0	107'6	106'0	106'9	110'5	112'2	113'0	112'5	113'2	111'0	
15	0	105'0	106'0	108'2	106'7	107'0	111'1	110'8	111'5	112'5	113'0	111'0	
20	0	103'2	107'0	106'4	106'5	108'0	111'0	111'8	111'2	113'0	112'8	110'8	
25	0	105'0	106'2	107'2	107'8	108'0	111'0	111'6	111'0	112'8	112'2	110'5	
30	0	107'4	105'0	107'6	106'0	108'6	110'3	110'7	112'0	112'8	112'0	110'8	
35	0	108'2	105'0	108'0	106'2	108'0	110'3	111'7	112'0	112'8	111'8	110'8	
40	0	109'0	107'6	107'8	106'2	109'8	110'8	110'7	112'0	113'0	112'2	110'7	
45	0	109'0	108'2	109'0	107'0	108'8	111'3	111'2	111'8	113'0	112'0	110'8	
50	0	108'8	108'8	109'0	107'0	110'1	112'0	110'8	111'7	113'0	111'8	110'8	
55	0	107'0	110'8	109'0	107'0	112'4	109'3	112'2	112'0	113'0	111'2	110'2	
		One Scale Division = '000170 parts of the H. F.						HORIZONTAL FORCE.					
M.	S.												
2	30	167'0	161'2	157'2	169'0	163'5	163'2	165'7	166'8	171'0	174'0	171'8	
7	30	167'3	159'6	158'2	167'8	163'8	162'7	166'7	167'2	172'0	173'6	172'0	
12	30	167'5	158'0	160'6	168'2	163'0	163'7	166'0	167'2	172'0	173'2	172'0	
17	30	167'8	157'6	161'4	167'0	162'5	163'8	165'8	166'8	172'3	172'8	172'2	
22	30	169'3	155'6	163'6	166'0	162'0	164'0	164'8	167'5	172'5	172'5	172'2	
27	30	169'8	155'0	165'5	164'9	163'0	164'2	164'0	168'7	172'3	172'7	172'2	
32	30	168'6	154'2	166'6	164'5	162'0	164'5	163'2	169'8	172'2	172'8	172'0	
37	30	167'8	154'4	167'0	164'9	163'5	164'8	164'0	170'0	172'2	172'0	172'0	
42	30	168'0	154'6	167'8	165'2	162'0	165'0	163'3	170'0	173'0	172'8	171'8	
47	30	166'4	154'8	167'2	163'8	163'0	165'3	163'8	170'8	173'3	172'3	171'8	
52	30	164'6	155'8	166'5	163'3	163'2	164'4	164'3	170'7	173'7	172'3	172'2	
57	30	162'6	156'4	166'3	163'2	163'3	165'4	165'8	171'2	173'8	172'3	172'0	
Thermometer		53'7	53'6	53'8	54'3	55'0	55'7	56'0	56'2	56'1	56'2	56'3	
Induction Inclinometer, one Sc. Div. = 0' 502; p. = 4'8297; u. = 14° 22'.													
M.	S.												
0	0	96'9	93'9	90'4	95'5	94'2	92'7	96'6	96'6	100'0	100'6	99'4	
5	0	96'4	92'9	91'1	95'9	94'5	93'1	97'1	96'8	99'6	100'4	99'5	
10	0	96'9	92'5	91'8	95'9	94'8	94'4	96'9	97'7	100'2	100'2	99'4	
15	0	96'9	90'9	92'9	95'5	93'9	94'8	96'1	97'1	99'6	100'1	99'7	
20	0	96'9	90'9	93'5	94'9	94'9	95'2	96'4	97'5	99'7	100'1	99'6	
25	0	97'9	89'7	94'1	94'1	93'9	95'9	96'3	97'7	99'8	99'9	99'6	
30	0	97'5	89'7	95'1	94'9	93'4	96'1	95'4	98'7	100'1	99'7	99'3	
35	0	97'5	89'3	95'4	94'7	93'0	96'1	96'0	98'7	99'8	99'9	99'3	
40	0	96'9	89'5	95'4	95'0	94'9	96'3	95'4	98'9	99'9	99'7	99'2	
45	0	96'7	90'3	96'1	94'2	93'9	96'4	96'0	99'1	100'7	99'9	99'1	
50	0	96'1	89'9	96'1	94'1	94'0	96'9	95'6	99'0	100'7	99'6	99'3	
55	0	94'7	90'5	93'1	94'3	92'0	96'4	96'5	99'4	100'7	99'7	99'5	
Thermometer		54'0	54'2	55'0	56'1	56'8	58'0	58'0	58'0	57'8	57'3	57'3	
Increasing Numbers denote increasing easterly Declination.													
METEOROLOGICAL OBSERVATIONS.													
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.				
				Dry.	Wet.	Direction.	Force.						
D.	H.	M.	In.	°	°								
21	10	0	30'172	44'4	44'2	N.W.	Light air.	0'4	Fine; scattered cum. and cir.				
	11	0	30'174	47'6	46'8	N.W.	Light breeze.	0'5	The same.				
	12	0	30'174	51'6	49'0	N.N.W.	Moderate breeze.	0'4	Fine, with cir. and cir.-cum.				
	13	0	30'159	54'3	50'0	N.N.W.	Moderate breeze.	0'5	Thin strat., with cir.-cum.				
	14	0	30'166	56'2	51'0	N.N.W.	Moderate breeze.	0'5	Soft cum. and cir., with cir.-strat.				
	15	0	30'140	59'2	53'2	N.W. by N.	Moderate breeze.	0'5	The same.				
	16	0	30'120	59'3	52'8	N.N.W.	Gentle breeze.	0'5	The same.				
	17	0	30'118	59'8	53'0	N.N.W.	Gentle breeze.	0'5	Fine; cir. in various directions.				
	18	0	30'104	58'0	51'8	N.W. by N.	Gentle breeze.	0'5	Fine p.m.; fleecy cir. and cir.-cum. in various directions.				
	19	0	30'099	55'8	51'0	N.W. by N.	Gentle breeze.	0'6	The same.				
	20	0	30'100	54'0	49'0	N.W. by N.	Light breeze.	0'6	Fine tranquil evening.				
	21	0	30'106	51'2	48'0	N.W. by N.	Light breeze.	0'3	Fine and settled.				

MAGNETICAL OBSERVATIONS.												April 21st and 22d.	
DECLINATION.						Angular Value of one Scale Division = 0''502.							
21h.	22h.	23h.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	
Sc. Div. 110°0	Sc. Div. 108°5	Sc. Div. 109°4	Sc. Div. 108°8	Sc. Div. 108°9	Sc. Div. 108°2	Sc. Div. 104°2	Sc. Div. 107°2	Sc. Div. 116°0	Sc. Div. 110°5	Sc. Div. 112°0	Sc. Div. 117°8	Sc. Div. 109°2	
109°5	108°8	109°2	108°8	108°5	108°0	105°0	107°0	115°8	110°2	113°0	117°2	108°5	
110°0	107°5	109°2	108°8	108°0	107°6	105°5	106°7	115°7	111°0	113°0	117°0	108°2	
110°5	107°2	109°2	109°2	108°8	105°8	106°0	106°5	115°0	110°9	113°8	117°0	108°2	
110°0	106°9	109°1	109°2	108°2	105°0	106°7	106°0	115°8	110°0	113°9	117°0	108°2	
110°4	107°0	109°0	109°2	108°2	104°4	106°8	106°0	115°2	110°0	114°0	114°8	108°4	
109°9	106°8	108°7	108°8	108°6	105°0	107°0	107°0	114°0	110°2	116°0	113°0	108°0	
109°9	107°5	108°8	108°5	108°6	104°0	107°0	107°2	114°5	110°3	118°5	112°0	107°6	
110°5	108°0	108°8	108°6	108°4	103°4	107°2	108°2	114°0	110°0	119°8	111°2	107°8	
110°0	108°5	108°8	108°8	108°5	103°2	107°2	109°2	113°0	110°0	120°0	110°8	107°6	
109°8	108°9	108°8	109°1	108°0	102°5	107°2	112°8	112°2	110°3	119°2	110°8	107°2	
109°0	109°0	108°8	109°0	107°2	103°0	107°2	115°8	111°3	110°8	118°2	109°2	107°2	

HORIZONTAL FORCE.												Change in the Magnetic moment of the Bar for 1° Fah. = *000093.	
171°6	171°2	172°9	172°8	173°0	179°8	174°8	173°5	170°5	176°2	177°0	170°6	175°6	
171°3	171°3	172°8	172°8	173°1	179°8	174°3	173°5	170°8	176°2	176°3	171°2	176°2	
171°4	171°8	173°0	172°8	173°4	179°7	174°3	173°2	171°0	175°7	176°3	171°2	176°4	
171°5	171°6	173°0	172°8	173°1	179°8	174°3	173°0	171°8	175°8	176°0	171°4	176°0	
171°7	171°8	173°3	172°8	173°2	179°4	174°3	173°0	172°8	176°0	175°8	170°6	175°8	
172°8	171°8	173°0	172°8	172°8	178°6	174°2	172°8	172°7	176°3	175°7	171°2	175°6	
171°9	172°5	173°2	172°6	172°6	177°8	174°2	172°3	174°0	176°8	174°6	171°8	175°2	
171°7	172°3	173°2	172°8	172°4	177°2	174°3	172°2	174°8	177°3	173°4	172°5	175°4	
171°2	172°5	173°2	173°0	172°4	176°8	174°0	171°5	174°9	177°2	171°8	174°0	174°8	
170°9	172°5	173°2	172°8	172°4	176°2	174°0	170°8	175°2	177°3	170°0	174°2	174°8	
170°8	172°3	173°2	173°3	174°8	175°8	173°7	169°8	175°8	177°3	169°2	174°4	174°4	
171°1	172°5	172°8	173°0	177°7	175°2	173°5	169°8	175°9	177°5	169°6	175°0	174°0	
56°5	56°6	56°4	56°2	56°0	56°0	55°8	56°0	56°0	55°8	55°4	55°0	55°0	

Induction Inclinometer, one Sc. Div. = 0''502 ; p. = 4°8297 ; u. = 14°22'.												
99°3	99°1	100°0	99°4	99°1	102°5	99°9	99°5	97°7	101°2	101°6	97°0	100°4
99°4	99°1	99°9	99°5	99°4	102°7	99°9	99°4	98°1	101°5	101°7	98°2	100°9
99°4	98°9	99°9	99°7	99°9	102°5	99°6	99°2	98°2	101°1	101°6	98°4	100°8
99°4	99°6	99°8	99°5	99°6	102°7	99°7	98°8	98°9	100°9	101°1	98°4	101°2
100°7	99°1	99°9	99°5	99°5	102°3	99°4	99°1	99°1	101°1	100°8	98°2	100°6
99°5	99°3	99°9	99°5	99°3	102°3	99°3	98°9	99°4	101°1	100°8	98°2	100°6
99°3	99°3	100°1	99°4	99°1	101°9	99°1	98°9	99°9	101°7	100°5	98°6	100°4
99°2	99°7	99°9	99°4	98°9	101°3	99°4	98°7	100°2	101°6	100°0	99°2	100°2
99°4	99°9	99°9	99°3	98°9	101°3	99°2	98°7	99°6	101°7	98°7	99°4	100°0
99°1	99°9	99°9	99°3	98°8	100°9	99°0	98°5	99°9	102°0	98°2	99°8	99°9
98°5	99°6	99°7	99°5	98°9	100°9	99°0	97°4	100°6	102°0	97°7	99°8	100°0
99°1	99°9	99°7	99°5	100°7	100°4	99°2	97°3	100°6	101°8	97°3	100°4	100°2
57°4	57°1	57°0	56°8	56°5	56°6	56°4	56°7	56°5	56°2	55°9	55°8	55°4

Increasing Horizontal Force, and decreasing Inclination.

METEOROLOGICAL OBSERVATIONS.											
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.		
				Dry.	Wet.	Direction.	Force.				
D.	H.	M.	In.	°	°						
21	22	0	30°109	50°0	47°5	N.W. by N.	Light breeze.	0°6	Light rounded cum. spreading ; bright clear moon.		
21	23	0	30°094	50°2	47°3	N.W. by N.	Light breeze.	0°6	Light rounded cum. spreading ; bright clear moon.		
	0	0	30°098	51°0	47°3	N.N.W.	Light breeze.	0°6	Fine fleecy cum. scattered over the sky.		
	1	0	30°101	50°6	46°2	N.N.W.	Gentle breeze.	0°5	The same.		
	2	0	30°090	50°6	45°8	N.W. by N.	Light breeze.	0°3	Fine and clear ; cum. and cum.-strat. scattered.		
	3	0	30°068	49°8	46°0	N.W. by N.	Light breeze.	0°6	The same.		
	4	0	30°052	48°5	45°2	N.W. by N.	Light breeze.	0°6	Fine tranquil night.		
	5	0	30°035	47°8	44°8	N.W. by N.	Light breeze.	0°1	Nearly cloudless ; clear starlight.		
	6	0	30°008	47°0	44°0	N.N.W.	Fresh breeze.	0°0	Clear and fine ; bright starlight.		
	7	0	29°997	46°0	44°0	N.N.W.	Fresh breeze.	0°0	The same.		
	8	0	29°990	45°8	43°2	N.W. by N.	Fresh breeze.	0°0	Clear and fine.		
	9	0	29°986	45°0	43°0	N.W.	Fresh breeze.	0°3	Clear and fine with cir. and cir.-cum.		

May 28th and 29th.		MAGNETICAL OBSERVATIONS.										
Mean Göttingen Time.		Angular Value of one Scale Division = 0' 502.					DECLINATION.					
		10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
M.	S.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
0	0	108.9	108.6	107.5	107.0	106.2	110.4	110.2	112.1	112.0	116.9	107.1
5	0	108.9	108.6	107.3	107.0	106.2	110.8	109.1	112.3	112.6	118.5	106.9
10	0	108.9	108.7	107.3	107.9	106.6	111.0	110.0	113.3	112.2	120.0	109.8
15	0	108.9	108.3	107.2	107.8	107.2	111.0	109.9	113.6	112.2	122.5	112.8
20	0	108.8	108.3	107.0	105.8	106.8	110.3	109.9	114.2	113.2	122.2	115.8
25	0	109.0	108.2	107.0	105.5	107.2	109.0	110.3	114.3	114.0	121.0	119.0
30	0	109.0	108.5	107.0	105.8	107.2	109.2	110.0	114.1	115.0	120.6	119.8
35	0	109.0	108.5	106.7	105.8	109.0	108.8	110.3	112.4	115.0	120.4	117.0
40	0	109.0	108.7	106.5	105.8	109.8	108.2	110.2	114.0	116.2	120.0	115.8
45	0	109.0	108.3	106.3	105.8	109.8	108.4	110.6	113.3	115.0	117.0	111.9
50	0	108.8	108.6	106.2	106.2	110.0	109.0	111.3	113.9	115.0	114.6	113.9
55	0	108.7	107.4	106.2	106.8	110.0	108.2	111.7	113.0	115.5	111.0	116.0
		One Scale Division = .000170 parts of the H. F.					HORIZONTAL FORCE.					
M.	S.											
2	30	178.8	178.7	176.8	174.2	171.6	169.4	167.4	173.2	176.7	174.0	153.5
7	30	178.7	178.0	176.7	174.3	171.0	169.2	168.2	176.0	177.3	173.9	156.7
12	30	178.7	177.9	176.6	173.8	170.6	169.4	168.3	176.9	177.3	171.7	158.1
17	30	178.8	178.0	176.4	173.3	170.6	168.9	169.0	176.2	176.4	168.5	160.0
22	30	178.6	178.0	176.3	173.3	170.4	168.8	169.8	177.0	175.6	167.2	161.2
27	30	178.7	178.0	176.3	173.2	170.4	167.6	171.3	177.0	176.1	167.0	160.6
32	30	178.3	177.7	176.0	172.5	170.2	166.4	171.6	176.5	178.0	166.3	159.6
37	30	178.4	177.9	176.0	172.3	170.5	165.6	171.5	174.8	176.8	166.5	155.4
42	30	178.2	177.7	175.5	172.2	170.6	166.4	171.2	175.9	175.3	161.8	156.8
47	30	178.2	177.1	175.3	172.8	170.8	166.4	171.6	176.0	175.6	158.1	159.7
52	30	178.3	177.0	175.0	172.7	170.4	166.8	171.8	177.2	175.2	155.5	160.3
57	30	178.7	176.9	174.6	172.0	170.4	167.4	172.0	177.6	176.4	152.8	162.0
Thermometer		46.8	46.7	46.5	46.7	47.2	47.8	48.0	48.4	48.4	48.5	48.7
		Induction Inclinometer, one Sc. Div. = 0' 502; p. = 4' 8297; u. = 14° 22'.										
M.	S.											
0	0	171.0	170.6	166.7	162.7	163.1	160.5	164.0	165.2	168.9	166.0	154.8
5	0	171.0	170.8	165.4	162.4	162.7	160.1	163.8	165.8	167.8	165.8	156.6
10	0	171.0	170.4	164.9	161.7	162.5	160.6	163.9	167.5	167.9	164.1	157.3
15	0	170.8	170.4	164.9	161.1	162.1	161.1	164.1	167.3	167.9	163.2	157.9
20	0	170.7	170.3	164.9	162.9	162.1	162.3	164.6	167.4	166.7	162.5	158.7
25	0	170.6	170.4	164.7	163.4	162.3	163.3	164.7	167.9	166.5	162.2	158.7
30	0	170.6	170.1	164.7	163.1	161.7	163.5	165.1	168.0	167.0	161.6	158.1
35	0	170.7	170.2	164.5	162.9	160.5	163.1	165.2	166.7	166.2	162.3	156.9
40	0	170.6	169.9	164.6	163.1	160.5	162.9	165.0	167.4	166.7	161.6	156.5
45	0	170.3	169.8	164.4	163.1	160.9	163.1	165.1	167.0	166.0	158.4	157.1
50	0	170.3	169.5	164.2	163.4	160.9	163.1	165.2	167.1	165.9	157.6	158.0
55	0	170.3	169.5	163.9	163.1	160.7	163.5	165.0	167.5	166.4	155.8	158.9
Thermometer		47.8	47.7	47.8	48.5	49.2	49.8	50.0	50.4	50.0	50.0	49.9

Increasing Numbers denote increasing easterly Declination.

METEOROLOGICAL OBSERVATIONS.												
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.			
				Dry.	Wet.	Direction.	Force.					
D.	H.	M.	In.	°	°							
28	10	0	30.355	39.0	38.4	N.N.W.	Gentle breeze	0.3	Light cirrus stratus; fine clear settled looking weather.			
	11	0	30.361	39.0	38.3	N.N.W.	Moderate breeze	0.3	Light cirrus stratus; fine clear settled looking weather.			
	12	0	30.357	40.7	39.9	N.N.W.	Moderate breeze	0.3	Light cirri, with cir.-strat. and a few light cum.			
	13	0	30.352	43.8	42.2	N.N.W.	Gentle breeze	0.3	Light cirri, with cir.-strat. and a few light cum.			
	14	0	30.340	46.5	43.8	N.N.W.	Gentle breeze	0.4	A cirrus haze nearly covering the sky.			
	15	0	30.318	48.6	45.2	N.N.W.	Moderate breeze	0.3	Linear cirri scattered.			
	16	0	30.288	49.6	45.8	N.N.W.	Moderate breeze	0.7	Light haze, like cirri, generally spread in lines and fleecy forms.			
	17	0	30.275	51.5	47.0	N.N.W.	Gentle breeze	0.7	Light haze, like cirri, generally spread in lines and fleecy forms.			
	18	0	30.263	50.3	46.4	N.N.W.	Gentle breeze	0.7	Fine cirri generally spread over.			
	19	0	30.251	48.8	45.8	N.N.W.	Light breeze	0.7	Fine cirri generally spread over.			
	20	0	30.247	46.2	44.0	N.N.W.	Light breeze	0.7	Cirrus and cir.-strat., with cum. forming to the eastward.			
	21	0	30.257	45.7	44.0	N.N.W.	Light air	0.4	Cirrus and rounded cum.; moon shining brightly.			

MAGNETICAL OBSERVATIONS.													May 28th and 29th.	
DECLINATION.											Angular Value of one Scale Division = 0' 502.			
21h.	22h.	23h.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.		
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.		
117'1	102'4	110'3	100'0	101'7	104'3	102'0	110'0	107'0	110'0	110'5	109'5	110'0		
118'2	106'5	109'6	103'2	102'0	104'0	102'0	103'0	107'0	110'4	110'3	110'2	110'2		
121'0	113'6	108'8	105'5	101'7	104'3	102'7	102'2	108'0	110'3	110'2	110'1	110'2		
121'0	115'9	107'9	105'7	102'2	105'1	109'0	102'4	108'4	109'8	110'0	109'9	110'0		
120'0	115'4	106'8	105'8	102'2	105'1	113'5	103'8	108'8	109'9	109'6	110'0	110'0		
114'1	113'8	106'7	103'3	101'3	105'8	122'5	104'8	109'6	110'5	110'0	110'0	110'0		
110'9	112'5	105'9	103'3	102'0	106'3	128'0	105'0	109'8	110'2	109'7	109'8	110'0		
111'4	111'2	103'2	102'7	102'5	106'8	127'0	105'8	110'0	110'3	109'8	109'8	109'8		
110'0	110'2	99'6	102'8	102'5	105'0	122'5	106'8	110'0	110'4	109'8	110'0	109'8		
108'1	110'3	93'2	103'0	103'2	103'5	117'2	106'2	110'6	110'6	110'0	110'0	109'8		
108'0	110'2	90'0	103'2	103'3	102'5	112'1	106'6	110'4	110'4	110'0	110'0	109'7		
108'9	110'8	94'2	102'0	103'2	102'0	112'2	106'8	110'6	110'3	110'3	110'0	109'7		
HORIZONTAL FORCE.													Change in the Magnetic moment of the Bar for 1° Fah. = '000093.	
163'8	164'2	164'0	172'0	167'3	169'0	166'0	172'8	169'4	170'6	172'1	172'3	172'5		
164'3	156'9	164'5	171'8	166'8	168'0	165'8	169'4	170'0	170'7	172'0	172'9	172'5		
162'3	164'1	164'2	171'0	167'0	168'4	165'0	169'2	170'2	171'1	172'1	172'9	172'3		
159'0	162'8	165'8	170'2	167'5	168'3	165'3	168'8	170'0	170'8	172'2	172'8	172'3		
155'0	158'8	165'6	169'0	167'8	169'2	167'0	168'2	169'8	170'9	172'3	172'7	172'5		
153'9	158'2	165'2	166'8	167'8	169'8	166'6	167'6	169'8	170'8	171'3	172'5	172'5		
155'0	158'3	164'1	167'0	167'8	169'7	170'2	167'8	169'6	171'2	171'8	172'2	172'8		
154'8	159'0	160'8	163'2	168'0	168'7	173'8	168'2	169'2	171'6	171'6	172'2	172'5		
157'0	160'3	162'4	165'8	168'2	168'6	178'1	168'2	169'8	171'8	171'8	172'2	172'3		
159'3	162'3	—	167'8	168'5	167'2	179'8	168'6	170'0	171'9	172'2	172'2	172'3		
160'0	162'4	168'5	167'5	168'8	167'1	179'5	168'6	170'2	171'8	172'0	172'2	172'3		
161'1	164'0	171'0	167'5	—	166'7	175'8	169'4	170'0	172'1	172'0	172'3	172'5		
48'7	48'7	48'7	48'7	48'3	48'3	48'2	48'2	48'2	48'4	48'4	48'4	48'3		
Induction Inclinometer, one Sc. Div. = 0' 502; p. = 4' 8297; u. = 14° 22'.														
159'8	158'6	159'9	163'5	162'0	162'4	161'1	165'8	162'7	163'3	163'8	163'4	163'9		
160'7	160'8	160'2	163'5	161'7	161'9	160'7	163'7	162'9	163'0	164'0	163'8	163'9		
160'2	160'7	160'3	163'4	161'2	161'9	160'3	163'5	163'3	163'4	163'9	163'8	163'9		
159'6	160'7	160'7	163'2	161'7	162'0	158'9	162'9	163'1	163'4	163'9	164'0	163'9		
157'1	159'0	161'0	162'9	161'7	162'0	162'0	162'3	162'9	163'3	163'9	164'1	163'9		
155'7	157'7	160'9	162'4	162'1	162'1	162'2	162'1	162'7	163'3	163'8	164'1	163'9		
155'7	157'4	160'3	161'8	160'7	162'8	162'7	162'1	162'7	163'3	163'5	164'1	163'9		
155'6	157'8	159'8	159'2	161'9	162'4	165'1	162'1	162'7	163'6	163'5	164'1	164'3		
155'9	157'7	158'4	159'4	162'6	161'9	165'9	162'1	162'7	163'6	163'5	164'1	164'1		
156'8	158'6	158'9	160'1	163'0	161'6	166'6	161'7	162'7	163'7	163'7	164'1	163'9		
157'9	159'5	160'1	161'9	163'3	161'4	168'3	162'1	162'9	163'6	163'8	164'1	164'0		
158'0	159'2	161'9	161'7	162'9	161'6	167'7	162'3	163'1	163'8	163'7	163'9	163'9		
49'9	49'8	49'7	49'7	49'3	49'2	49'2	49'0	49'4	49'4	49'3	49'3	49'2		
Increasing Horizontal Force, and decreasing Inclination.														
METEOROLOGICAL OBSERVATIONS.														
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.					
				Dry.	Wet.	Direction.	Force.							
D.	H.	M.	In.	°	°									
28	22	0	30'258	45'0	43'5	N.W. by N.	Fresh breeze.	1'0	Thin cloud overspreading, partly in cirrus forms.					
	23	0	30'263	43'6	42'2	N.W. by N.	Fresh breeze.	0'8	Thin cloud, in part with cir.-cum.					
29	0	0	30'268	42'8	42'0	N.W.	Moderate breeze.	0'1	Thin cloud, in part with cir.-cum.					
	1	0	30'254	43'3	42'5	N.W. by N.	Fresh breeze.	0'3	Thin cloud, in part with cir.-cum.					
	2	0	30'244	43'8	42'8	N.W. by N.	Fresh breeze.	0'7	Small rounded cum., closely connected, having a soft fleecy look.					
	3	0	30'248	43'6	42'5	N.W. by W.	Strong breeze.	0'8	Sky almost covered with one soft unbroken cum.					
	4	0	30'238	43'0	42'0	N.W.	Strong breeze.	1'0	Overcast; much watery cloud spread.					
	5	0	30'235	44'8	43'0	N.W.	Strong breeze.	1'0	Overcast; much watery cloud spread.					
	6	0	30'223	43'8	42'6	N.W.	Fresh breeze.	1'0	Overcast, with a sheet of watery cloud.					
	7	0	30'213	44'9	43'0	W.N.W.	Strong breeze.	1'0	Overcast, with a sheet of watery cloud.					
	8	0	30'211	45'5	43'3	N.W.	Gentle breeze.	1'0	Overcast, with a sheet of watery cloud.					
	9	0	30'210	45'2	43'2	N.W.	Light breeze.	1'0	Overcast, with a sheet of watery cloud.					

June 23d and 24th.		MAGNETICAL OBSERVATIONS.										
Mean Göttingen Time.		Angular Value of one Scale Division = 0' 502.					DECLINATION.					
		10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
M.	s.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
0	0	107.7	107.6	106.2	106.3	106.2	109.1	110.4	113.6	113.8	111.0	109.0
5	0	107.6	107.2	106.0	107.3	106.7	109.7	110.8	113.7	113.2	110.8	109.0
10	0	107.7	107.2	105.8	107.3	106.9	109.3	111.0	113.8	113.0	110.6	109.0
15	0	107.8	107.0	105.8	105.8	106.9	109.7	111.4	114.0	113.0	110.1	109.0
20	0	107.8	107.0	105.8	105.8	107.0	109.2	112.0	113.9	113.0	110.0	109.0
25	0	107.4	107.0	105.8	105.9	107.2	108.6	112.3	114.0	112.4	110.0	109.0
30	0	107.6	107.0	105.8	105.7	107.3	108.6	112.8	114.1	112.2	109.8	108.8
35	0	107.6	106.8	105.6	105.9	107.8	108.6	113.1	114.0	112.0	109.4	108.8
40	0	107.8	106.6	105.8	106.0	107.8	109.0	113.3	114.0	112.0	109.2	108.6
45	0	107.8	106.2	105.9	106.0	108.0	109.3	113.2	114.0	111.8	109.2	108.5
50	0	107.4	106.6	106.1	106.2	108.8	109.6	113.4	113.9	111.2	109.0	108.5
55	0	107.4	106.4	106.1	106.4	109.0	110.0	113.4	113.7	111.0	109.2	108.5
		One Scale Division = '000170 parts of the H. F.					HORIZONTAL FORCE.					
M.	s.											
2	30	180.5	181.4	181.7	180.1	177.9	175.1	173.8	173.7	175.7	177.2	178.0
7	30	180.5	181.8	181.6	180.0	177.8	175.0	173.8	173.9	175.8	177.2	178.0
12	30	180.6	181.6	181.4	180.0	177.3	174.8	173.8	174.0	176.0	177.3	178.0
17	30	180.8	181.8	181.5	179.5	177.0	174.8	173.5	174.2	176.0	177.1	177.8
22	30	180.6	181.8	181.4	179.3	176.9	174.3	173.6	174.4	176.4	177.2	177.8
27	30	180.8	182.0	181.4	179.2	176.8	174.3	173.6	174.8	176.3	177.4	177.8
32	30	181.2	182.0	181.3	178.9	176.6	174.2	173.6	174.8	176.6	177.4	177.8
37	30	181.0	181.8	181.0	178.7	176.4	174.0	173.4	175.1	176.8	177.4	177.8
42	30	181.0	182.0	181.3	178.7	176.2	173.8	173.5	175.1	176.8	177.5	177.9
47	30	181.2	181.6	181.2	178.7	175.8	173.9	173.5	175.4	176.8	177.6	177.8
52	30	181.4	181.7	181.0	178.3	175.5	173.8	173.5	175.5	177.2	177.8	177.8
57	30	181.6	181.6	180.7	178.2	175.3	173.8	173.7	175.7	177.2	177.8	177.8
Thermometer		44.6	44.4	44.4	44.8	45.6	46.2	46.3	46.6	47.0	47.0	47.2
		Induction Inclinometer, one Sc. Div. = 0' 502; p. = 4.8297; u. = 14° 22'.										
M.	s.											
0	0	166.9	167.3	167.1	166.2	165.6	163.7	165.5	165.4	165.9	166.7	167.2
5	0	167.0	167.7	167.9	164.7	165.5	163.2	165.3	165.3	166.1	166.6	167.3
10	0	167.0	167.7	167.1	164.4	165.0	163.8	165.7	165.4	166.3	166.9	167.1
15	0	167.1	167.9	167.1	165.8	165.0	163.4	165.6	165.3	166.7	167.0	167.1
20	0	167.1	167.7	167.1	165.8	164.8	164.4	165.6	165.4	165.9	166.9	166.9
25	0	167.3	167.9	167.1	165.8	165.0	165.0	165.5	165.7	166.5	166.9	166.9
30	0	167.3	167.5	167.1	165.9	164.8	165.2	165.1	165.8	166.5	166.9	166.7
35	0	167.3	167.3	166.7	165.8	164.9	165.4	164.9	166.0	166.7	167.3	166.9
40	0	167.1	167.7	166.3	165.6	164.8	165.6	165.2	165.9	166.3	167.3	167.1
45	0	167.1	167.7	166.8	165.6	164.7	165.5	165.3	165.8	166.1	167.1	166.9
50	0	167.5	167.3	166.6	165.4	164.0	165.4	165.3	165.9	166.5	167.1	166.9
55	0	167.5	167.3	166.6	165.3	163.9	165.6	165.3	165.9	166.7	166.9	166.9
Thermometer		45.7	45.5	45.6	46.7	48.0	48.7	48.4	48.6	48.7	48.8	48.8

Increasing Numbers denote increasing easterly Declination.

METEOROLOGICAL OBSERVATIONS.											
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.		
				Dry.	Wet.	Direction.	Force.				
D.	H.	M.	In.	°	°						
23	10	0	29.906	39.0	38.6	N.W.	Moderate breeze.	0.1	Fine clear morning, and almost cloudless.		
	11	0	29.910	38.6	38.4	N.W.	Gentle breeze.	0.1	Light cirro-cum., scattered.		
	12	0	29.910	42.0	41.0	N.W.	Moderate breeze.	0.1	Light cir.-cum., scattered.		
	13	0	29.918	44.0	42.7	N.W.	Moderate breeze.	0.1	Fine clear settled looking weather.		
	14	0	29.898	46.8	45.0	N.W. by W.	Moderate breeze.	0.2	Few small cir., with clear fine weather.		
	15	0	29.877	48.6	45.9	N.W. by W.	Moderate breeze.	0.3	Few small cir., with clear fine weather.		
	16	0	29.852	49.3	46.6	N.W. by W.	Moderate breeze.	0.7	Cum.-strat., and rather gloomy.		
	17	0	29.832	50.6	47.5	N.W.	Moderate breeze.	0.9	Cum.-strat.; nearly overcast and gloomy.		
	18	0	29.832	49.9	47.2	N.W.	Gentle breeze.	1.0	Overcast; cum. and cum.-strat.		
	19	0	29.842	49.4	47.2	N.W. by W.	Light breeze.	0.5	Sky clearing; cum. scattered.		
	20	0	29.845	47.6	46.0	N.W. by W.	Light breeze.	0.3	Clear and fine, with cum. and cir.-cum.		
	21	0	29.850	46.0	44.8	N.W. by W.	Gentle breeze.	0.3	Clear and fine; light air.		

MAGNETICAL OBSERVATIONS.												June 23d and 24th.			
DECLINATION.												Angular Value of one Scale Division = 0' 502.			
21h.	22h.	23h.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.			
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.		
108·3	108·1	107·7	107·0	106·0	106·8	107·0	106·8	107·2	107·6	107·4	106·9	106·9	106·9		
108·2	107·9	107·5	107·0	106·4	106·8	107·0	107·0	107·2	107·8	107·4	106·7	106·7	106·7		
108·5	108·0	107·2	106·9	106·5	106·6	106·8	107·0	107·2	107·6	107·2	106·7	106·6	106·6		
108·5	108·0	107·2	106·8	106·5	106·6	107·0	107·0	107·3	107·7	107·2	106·7	106·8	106·8		
108·3	107·9	107·0	106·8	106·6	106·6	107·6	107·0	107·3	107·6	107·1	106·9	107·0	107·0		
108·2	107·8	107·2	106·8	106·7	106·6	107·0	107·2	107·5	107·5	107·3	106·8	107·0	107·0		
108·2	107·8	107·1	106·9	106·7	106·6	107·0	107·0	107·8	107·6	107·3	106·7	107·0	107·0		
108·0	107·8	107·2	106·8	106·7	106·8	107·0	107·2	107·8	107·8	107·3	106·9	107·1	107·1		
108·0	107·8	107·2	106·8	106·7	106·8	107·0	107·2	107·8	107·8	107·3	106·9	107·1	107·1		
108·0	107·8	107·2	106·8	106·7	106·8	107·0	107·2	107·8	107·8	107·3	106·9	107·1	107·1		
108·1	107·9	107·1	106·4	106·9	107·0	107·0	107·0	107·8	107·6	107·2	106·9	107·2	107·2		
108·0	107·9	107·1	106·3	106·9	107·0	107·0	107·0	107·8	107·6	107·0	106·0	107·1	107·1		
108·0	107·9	107·0	106·1	106·8	107·2	106·8	107·0	107·7	107·5	106·9	106·0	107·1	107·1		

HORIZONTAL FORCE.												Change in the Magnetic moment of the Bar for 1° Fah'. = '000093.			
177·8	178·1	178·2	178·3	179·0	178·8	178·8	179·2	179·2	179·2	179·3	180·1	180·6	180·6		
177·8	178·1	178·2	178·4	179·1	178·7	179·0	179·2	179·2	179·2	179·5	180·0	180·6	180·6		
177·8	178·0	178·2	178·3	179·0	178·8	179·0	179·2	179·2	179·2	179·4	180·2	180·5	180·5		
177·8	178·0	178·1	178·4	179·0	178·8	179·4	179·2	179·2	179·0	179·5	180·3	180·6	180·6		
178·1	178·1	177·9	178·4	178·9	178·8	179·4	179·0	179·1	179·0	179·6	180·3	180·5	180·5		
178·3	178·0	178·0	178·5	178·9	178·8	179·4	179·0	179·1	179·2	179·7	180·2	180·5	180·5		
178·2	178·2	177·9	178·7	178·8	178·8	179·4	178·8	179·2	179·2	179·8	180·2	180·5	180·5		
178·1	178·2	177·8	178·5	178·8	178·8	179·4	178·8	179·2	179·2	179·7	180·2	180·6	180·6		
178·0	178·2	177·8	178·5	179·1	178·8	179·4	178·8	179·2	179·2	179·8	180·2	180·6	180·6		
177·8	178·2	177·8	178·6	178·8	178·8	179·2	179·2	179·2	179·2	179·6	180·2	180·6	180·6		
178·1	178·2	178·1	178·5	178·8	178·7	179·2	179·2	179·2	179·2	179·8	180·3	180·8	180·8		
178·0	178·2	178·2	178·8	178·8	178·8	179·2	179·2	179·1	179·2	179·9	180·3	180·8	180·8		
47·4	47·7	47·7	47·7	47·5	47·3	47·0	47·0	46·7	46·6	46·6	46·5	46·2	46·2		

Induction Inclinometer, one Sc. Div. = 0' 502; p. = 4·8297; u. = 14° 22'.

167·1	166·9	166·9	167·1	167·8	167·1	167·1	167·7	167·5	167·0	167·2	167·6	167·8	167·8		
167·0	167·1	167·1	167·1	167·6	167·1	167·3	167·5	167·5	166·9	167·3	167·8	167·9	167·9		
166·9	167·1	167·1	167·2	167·5	167·3	167·5	167·7	167·3	167·1	167·5	167·8	167·9	167·9		
166·9	166·9	167·2	167·2	167·4	167·3	167·3	167·9	167·3	166·9	167·5	167·8	167·9	167·9		
167·0	166·9	167·3	167·3	167·4	167·5	167·5	167·9	167·4	167·0	167·5	167·7	167·8	167·8		
167·0	167·0	167·1	167·2	167·3	167·3	167·5	167·5	167·2	167·1	167·3	167·8	167·8	167·8		
167·0	167·0	167·0	167·3	167·3	167·3	167·5	167·5	167·1	167·0	167·3	167·9	167·8	167·8		
166·9	167·1	166·9	167·4	167·2	167·1	167·5	167·5	167·3	166·9	167·2	167·7	167·7	167·7		
167·0	167·1	166·9	167·3	167·2	166·9	167·5	167·5	167·1	166·9	167·1	167·8	167·8	167·8		
167·0	167·0	167·0	167·4	167·1	166·9	167·4	167·4	167·0	167·1	167·1	167·8	167·7	167·7		
166·9	167·0	167·0	167·4	167·0	166·9	167·5	167·5	166·9	167·1	167·3	167·6	167·8	167·8		
167·1	166·9	167·2	167·8	167·1	166·9	167·7	167·6	167·0	167·2	167·5	167·7	167·8	167·8		
48·7	48·8	48·7	48·7	48·2	48·1	48·0	48·0	47·4	47·6	47·7	47·2	47·0	47·0		

increasing Horizontal Force, and decreasing Inclination.

METEOROLOGICAL OBSERVATIONS.

Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.
				Dry.	Wet.	Direction.	Force.		
D.	H.	M.	In.	°	°				
23	22	0	29·853	44·8	43·6	N.W. by W.	Light breeze.	0·0	Clear and cloudless sky, with dew falling.
	23	0	29·846	43·2	42·2	N.W. by W.	Gentle breeze.	0·0	Clear and cloudless sky, with haze to the southward.
24	0	0	29·844	42·2	42·0	N.W.	Light air.	0·1	Bright moonlight and clear sky, excepting a few patches of cir-cum; heavy dew.
	1	0	29·843	41·3	41·2	Calm.	—	0·0	Bright moonlight and clear sky.
	2	0	29·842	40·7	40·7	Calm.	—	0·0	Calm, cloudless, and clear.
	3	0	29·824	40·6	40·6	N.W. by W.	Moderate breeze.	0·0	Cloudless, with a moderate breeze.
	4	0	29·830	40·6	40·2	N.W. by W.	Moderate breeze.	0·0	Fog drifting down the river in patches.
	5	0	29·819	39·5	39·2	N.W. by W.	Moderate breeze.	0·0	Fine transparent sky; fog drifting along the Derwent.
	6	0	29·807	40·2	40·0	N.W. by N.	Fresh breeze.	0·0	Clear fine weather; fog over the Derwent.
	7	0	29·798	37·8	37·7	N.N.W.	Fresh breeze.	0·0	Clear fine weather, with a cold damp atmosphere.
	8	0	29·796	38·0	37·6	N.W.	Fresh breeze.	0·0	Clear sky, with dewy atmosphere.
	9	0	29·800	37·8	37·2	N.W.	Strong breeze.	0·0	Clear sky, with dewy atmosphere.
	10	0	29·800	37·6	37·1	N.W.	Fresh breeze.	0·0	Sky nearly covered with soft cloud.

July 21st and 22d.			MAGNETICAL OBSERVATIONS.											
Mean Göttingen Time.			Angular Value of one Scale Division = 0' 502.					DECLINATION.						
			10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .	
M.	S.		Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
0	0		107.9	107.7	104.8	102.8	102.0	104.6	109.2	116.5	120.7	117.8	116.6	
5	0		108.0	107.2	104.4	102.8	102.0	104.4	110.0	116.7	121.5	117.5	116.8	
10	0		108.0	107.0	104.4	102.2	102.0	104.7	109.0	117.0	122.1	117.1	116.8	
15	0		108.0	107.0	104.8	102.0	102.2	104.8	109.5	116.5	122.0	117.0	116.2	
20	0		108.0	107.0	104.6	102.2	102.1	104.9	111.7	116.8	122.0	116.5	116.2	
25	0		108.7	106.0	104.2	102.0	102.2	105.5	112.8	117.2	121.9	116.2	116.0	
30	0		108.2	106.7	104.0	101.8	102.4	106.0	113.8	119.2	121.8	116.2	115.8	
35	0		108.2	106.0	103.8	101.5	102.6	106.4	114.5	119.2	121.0	116.2	115.8	
40	0		108.0	106.0	103.8	101.6	102.3	106.4	115.2	119.5	120.3	116.0	115.8	
45	0		107.8	105.0	103.6	101.8	103.7	107.0	115.7	119.3	119.4	116.0	115.2	
50	0		107.7	105.3	103.0	101.8	104.3	107.6	115.8	119.3	118.8	115.8	115.0	
55	0		107.9	105.0	102.8	102.0	104.3	107.9	116.2	119.8	118.0	116.2	115.0	
M.			One Scale Division = .000170 parts of the H. F.			HORIZONTAL FORCE.								
			S.											
2	30		184.0	185.5	185.6	183.6	181.1	179.0	178.3	178.3	174.9	177.8	178.4	
7	30		184.0	185.2	185.2	183.4	180.8	178.8	177.0	178.8	175.1	178.0	177.4	
12	30		184.1	185.5	185.2	182.8	180.5	178.6	176.5	177.8	174.8	178.2	176.4	
17	30		184.1	185.4	185.2	182.6	180.5	178.2	177.2	177.2	174.8	177.7	176.8	
22	30		184.4	185.4	184.8	182.5	180.3	178.0	177.8	176.8	174.8	179.4	177.0	
27	30		184.4	186.0	184.8	182.1	180.2	178.0	178.0	177.5	175.8	179.6	176.8	
32	30		184.4	185.8	184.8	182.0	179.9	177.4	178.0	178.2	175.7	179.8	176.8	
37	30		184.4	185.8	184.4	181.7	179.8	177.0	178.5	178.0	175.7	179.8	177.4	
42	30		184.9	186.0	184.4	181.7	179.6	177.1	178.5	177.2	176.0	179.8	177.8	
47	30		185.3	185.9	184.4	181.6	180.0	177.3	178.3	176.8	176.3	179.8	177.8	
52	30		185.3	185.9	184.0	181.2	179.8	177.9	178.8	175.0	176.5	179.2	177.8	
57	30		185.3	185.6	183.6	181.4	179.6	178.8	178.5	174.7	177.0	178.8	178.2	
Thermometer			42.3	42.3	42.3	42.0	42.3	42.3	42.3	42.3	42.5	42.8	43.0	43.4
M.			Induction Inclinometer, one Sc. Div. = 0' 502; p. = 4.8297; u. = 14° 22'.											
			S.											
0	0		169.7	170.2	169.9	169.1	167.8	167.0	166.8	166.7	165.3	166.9	167.3	
5	0		169.6	169.8	169.9	169.1	167.7	166.7	166.7	167.0	165.4	166.7	166.9	
10	0		169.7	170.0	169.9	168.9	167.6	166.5	165.7	166.9	164.8	166.8	166.6	
15	0		169.9	170.1	169.7	168.9	167.5	166.4	165.9	166.4	164.9	167.0	166.5	
20	0		169.9	170.1	169.9	168.5	167.4	166.2	166.2	166.1	165.1	167.4	166.3	
25	0		169.4	169.7	169.7	168.6	167.5	166.3	166.6	165.9	165.7	167.7	166.3	
30	0		169.7	169.9	169.7	168.2	167.3	166.2	166.8	166.9	165.9	167.8	166.5	
35	0		169.7	170.1	169.7	168.1	167.2	165.8	166.4	166.5	165.7	167.8	166.9	
40	0		169.9	169.9	169.3	168.3	167.2	165.8	166.7	166.3	165.7	167.6	167.1	
45	0		170.1	170.0	169.3	168.3	167.2	165.9	166.4	166.4	165.8	167.7	167.1	
50	0		170.2	170.1	169.4	168.1	167.2	166.3	166.6	165.8	166.2	167.9	167.1	
55	0		170.0	170.0	169.1	167.9	167.2	166.2	166.7	165.1	166.6	167.5	166.9	
Thermometer			43.5	43.6	43.6	43.6	43.6	43.8	44.0	44.3	44.7	44.9	45.2	
Increasing Numbers denote increasing easterly Declination.														
METEOROLOGICAL OBSERVATIONS.														
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.					
				Dry.	Wet.	Direction.	Force.							
D.	H.	M.	In.	°	°									
29	10	0	29.068	38.0	37.0	N.W. by N.	Gentle breeze.	0.6	Sky becoming spread over with soft rain like cum.					
	11	0	29.043	38.0	37.3	N.W. by N.	Gentle breeze.	0.6	Sky becoming spread over with soft rain like cum.					
	12	0	29.015	38.6	37.6	N.W. by N.	Gentle breeze.	1.0	Sky entirely overcast, with gloomy soft cum.					
	13	0	28.984	39.4	38.2	N.N.W.	Mod. breeze.	1.0	Sky entirely overcast, with gloomy soft cum.					
	14	0	28.942	40.0	39.0	N.W.	Light breeze.	1.0	Overcast and gloomy; one sheet of haze cloud throughout.					
	15	0	28.862	41.6	39.8	N.W.	Light air.	1.0	Overcast and gloomy; one sheet of haze cloud throughout.					
	16	0	28.787	42.2	40.3	N.W.	Light breeze.	1.0	Overcast and gloomy; one sheet of haze cloud throughout.					
	17	0	28.737	43.7	42.0	N.W.	Light breeze.	1.0	Overcast and gloomy; one sheet of haze cloud throughout.					
	18	0	28.680	45.0	43.3	N.W.	Gentle breeze.	1.0	Overcast; soft rain like cum.; small rounded cir. passing rapidly from the N.W.					
	19	0	28.636	46.5	44.5	N.N.W.	Gentle breeze.	0.8	Clearing in N.; clouds less heavy.					
	20	0	28.607	46.2	44.8	N.W.	Gentle breeze.	0.9	Nearly overcast, with thin filmy clouds.					
	21	0	28.585	46.6	45.0	N.N.W.	Light breeze.	1.0	Rain commences.					
	22	0	28.569	46.0	45.2	N.N.W.	Gentle breeze.	1.0	Thick weather, with moderate rain.					

MAGNETICAL OBSERVATIONS.

July 21st and 22d.

DECLINATION.

Angular Value of One Scale Division = 0' 502.

21h.	22h.	23h.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.
Sc. Div. 114°8	Sc. Div. 115°4	Sc. Div. 113°2	Sc. Div. 111°2	Sc. Div. 108°0	Sc. Div. 105°2	Sc. Div. 100°9	Sc. Div. 103°7	Sc. Div. 105°8	Sc. Div. 107°8	Sc. Div. 107°8	Sc. Div. 108°2	Sc. Div. 108°0
115°2	115°5	113°0	110°9	108°1	105°3	99°2	104°0	106°0	107°8	108°2	108°2	108°0
115°0	115°1	113°2	110°8	108°2	106°0	99°2	104°0	106°0	108°0	108°2	108°2	108°0
114°8	114°6	113°5	110°7	107°5	106°0	100°0	104°1	107°0	108°0	108°5	108°2	107°5
114°2	114°1	114°7	110°0	107°3	104°5	101°5	105°0	107°2	107°8	108°7	108°2	107°2
113°8	115°0	114°8	110°0	107°2	102°0	102°0	105°0	108°0	107°5	108°8	108°0	107°8
113°6	115°4	114°2	110°0	107°4	98°9	102°0	105°0	108°0	107°0	108°5	108°2	107°7
113°0	114°8	113°1	109°4	108°4	98°5	102°5	105°0	108°0	107°2	108°2	—	107°7
113°8	113°7	112°8	108°5	108°6	100°3	103°0	106°0	108°0	107°3	107°8	108°0	107°2
113°8	113°1	113°0	108°3	107°8	103°0	103°0	105°6	108°2	107°5	108°0	107°8	107°8
114°4	114°6	112°4	107°7	107°9	103°0	103°6	105°0	108°0	107°5	108°3	107°8	107°5
115°0	114°2	112°0	107°8	106°4	102°4	103°8	105°6	108°0	107°8	108°3	107°5	107°5

HORIZONTAL FORCE.

Change in the Magnetic moment of the Bar for 1° Fah°. = '000093.

178°4	179°7	180°0	177°1	180°0	178°2	176°3	179°7	179°0	179°2	179°8	180°7	180°8
178°4	179°2	180°9	176°8	179°5	178°0	177°5	179°8	178°7	180°2	180°0	180°8	181°2
178°2	179°2	180°4	176°9	179°0	179°0	178°9	179°0	178°4	181°2	180°0	180°8	181°3
178°4	179°6	179°8	177°0	179°0	178°2	179°0	179°3	178°6	181°2	180°2	180°8	181°3
178°4	180°0	179°0	177°8	179°0	178°3	179°2	180°0	178°7	180°5	180°5	180°8	181°8
178°4	180°0	177°7	179°5	179°5	177°9	179°1	179°6	178°8	179°8	180°7	180°8	181°8
179°0	180°0	177°1	179°1	179°1	178°5	179°4	179°8	178°8	179°8	180°8	181°0	181°8
179°6	179°7	176°5	179°4	179°8	179°6	179°8	180°4	178°8	179°8	180°8	181°2	181°8
179°6	179°7	176°4	180°0	180°0	179°2	179°9	180°4	178°8	179°8	180°7	181°2	181°8
179°8	179°8	175°8	180°0	179°9	178°0	180°4	179°8	178°7	180°0	180°5	181°0	182°0
180°0	179°4	175°7	179°0	179°5	176°9	180°3	179°8	178°8	180°2	180°5	180°8	182°0
180°0	178°8	176°2	179°2	179°0	176°1	179°3	179°6	179°0	180°0	180°7	180°8	181°8
43°4	44°0	44°2	44°4	44°5	44°6	44°7	44°8	44°8	44°8	44°8	44°8	44°8

Induction Inclinator, one Sc. Div. = 0' 502 ; p. = 4'8297 ; u. = 14° 22'.

167°1	168°3	168°0	166°9	168°0	167°8	166°2	168°1	168°1	167°9	168°3	168°9	168°9
167°3	168°0	168°7	167°1	168°6	167°7	166°7	168°1	167°9	168°3	168°5	168°9	168°9
167°7	167°9	168°7	166°9	168°1	168°1	167°6	168°1	167°7	168°7	168°5	168°9	168°9
167°1	168°0	168°3	166°9	168°0	167°9	168°1	167°8	167°7	169°1	168°6	168°7	169°6
167°5	168°0	168°0	167°0	167°8	167°6	168°2	168°1	167°7	168°8	168°9	168°7	169°7
167°3	168°0	167°5	167°9	168°0	167°4	167°9	168°2	167°7	168°4	168°9	168°9	169°6
167°5	168°2	167°3	168°1	168°3	166°9	168°0	168°1	167°7	168°2	168°9	168°7	169°5
168°1	168°1	167°1	168°4	168°2	167°6	168°4	168°3	167°9	168°5	168°7	—	169°5
167°9	168°1	166°7	168°3	168°3	168°6	168°2	168°5	167°9	168°6	168°9	168°9	169°7
168°1	168°1	166°6	168°5	168°4	167°9	168°9	168°5	167°7	168°4	168°9	169°1	169°9
168°3	168°2	166°5	168°3	168°2	167°2	168°5	168°7	167°9	168°4	168°8	169°1	169°9
168°1	167°8	166°5	168°0	168°0	166°7	168°1	168°3	168°1	168°3	168°8	169°2	170°1
45°4	45°3	45°8	45°8	45°8	45°9	46°0	46°1	46°2	46°2	46°2	46°2	46°2

increasing Horizontal Force, and decreasing Inclination.

METEOROLOGICAL OBSERVATIONS.

Mean Göttingen Time.	Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.		
		Dry.	Wet.	Direction.	Force.				
D. 21	H. 23	M. 0	In. 28°550	° 45°6	° 45°4	N.N.W.	Light air.	1°0	Thick weather, with moderate rain.
22	0	0	28°558	44°5	44°4	N.W. by N	Light air.	1°0	Gloomy and drizzling rain.
	1	0	28°550	44°4	44°1	N.W. by N	Gentle breeze.	1°0	Gloomy ; rain ceases.
	2	0	28°548	44°2	43°7	N.W. by N	Light breeze.	1°0	Sky covered with a thick hazy cloud.
	3	0	28°552	44°0	42°8	N.W. by N	Gentle breeze.	1°0	Sky still retains the same dull heavy look.
	4	0	28°542	43°9	42°2	N.W.	Fresh breeze.	0°9	Weather becoming squally ; clouds a little broken to the N.W.
	5	0	28°548	44°2	42°4	N.W.	Fresh breeze.	0°6	Sky clear to the N.W., but a watery haze prevailing.
	6	0	28°538	44°0	43°0	N.W.	Gentle breeze.	0°6	Sky covered with a thin film of haze cloud.
	7	0	28°546	43°3	41°7	N.W.	Light air.	0°6	Clouds assuming a denser appearance.
	8	0	28°546	42°5	41°2	N.W.	Light air.	0°3	Clouds settled in a bank in the E. horizon.
	9	0	28°547	39°7	39°2	N.W.	Light breeze.	0°1	Hardly a cloud to be seen ; day breaking ; fine morning.
	10	0	28°547	39°2	38°8	N.W.	Light air.	0°2	Small bank of strat. in the S.E.

August 27th and 28th.		MAGNETICAL OBSERVATIONS.											
Mean Göttingen Time.		Angular Value of one Scale Division = 0' 502.										DECLINATION.	
		10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .	
M.	S.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
0	0	108°2	105°3	105°6	104°3	107°0	110°0	115°8	118°7	118°3	116°4	113°0	
5	0	108°0	105°0	105°2	103°8	107°2	110°4	116°0	118°8	118°4	116°2	112°8	
10	0	107°8	105°1	105°1	103°8	107°4	111°0	116°2	118°7	118°6	116°0	112°8	
15	0	108°2	104°9	105°0	104°0	107°8	111°4	117°0	119°1	118°0	116°0	112°5	
20	0	108°2	104°8	104°0	103°3	108°2	112°0	116°8	119°2	118°0	115°5	112°5	
25	0	108°0	105°9	104°0	104°2	108°1	112°0	116°8	119°8	118°0	115°4	112°0	
30	0	108°1	105°7	103°8	104°8	108°8	113°0	117°2	119°8	117°2	115°0	111°8	
35	0	108°0	105°0	104°8	105°2	108°8	113°6	117°8	119°2	117°0	115°0	111°5	
40	0	107°5	105°0	104°2	105°3	108°8	114°0	117°5	118°5	117°0	114°3	111°7	
45	0	107°1	105°0	104°2	105°7	109°0	114°2	117°5	118°1	—	114°1	111°8	
50	0	106°7	105°0	104°2	106°2	109°4	115°4	118°2	118°0	116°7	113°8	111°8	
55	0	106°1	105°0	104°2	106°8	109°8	115°6	118°0	118°0	116°3	113°2	109°8	

M. S.		One Scale Division = .000170 parts of the H. F.										HORIZONTAL FORCE.	
		10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .	
2	0	173°9	173°3	170°2	168°2	162°0	158°6	156°9	163°3	166°3	166°2	167°8	
7	0	173°8	173°2	169°8	167°8	161°6	158°6	157°3	163°2	166°9	166°8	166°8	
12	0	174°0	172°8	169°8	167°5	160°8	158°7	157°8	164°0	167°0	167°1	165°5	
17	0	173°9	172°7	169°2	166°8	160°2	158°2	158°0	164°4	166°6	167°3	164°2	
22	0	173°9	172°6	169°0	166°3	160°8	157°4	158°4	165°0	167°0	167°2	163°2	
27	0	174°1	172°5	169°0	165°9	159°3	157°6	158°8	165°4	167°1	166°8	162°8	
32	0	173°9	172°2	169°5	165°0	159°0	157°2	159°8	165°4	166°7	167°0	163°3	
37	0	174°0	171°9	169°3	164°1	159°2	157°0	160°3	165°3	166°5	166°8	163°8	
42	0	174°0	171°9	169°2	163°8	158°8	156°6	160°5	165°0	166°5	167°2	163°3	
47	0	173°9	171°1	169°2	163°4	158°2	156°2	161°8	165°1	166°5	167°4	163°2	
52	0	173°6	170°9	168°7	163°0	158°4	156°6	162°2	165°3	166°4	167°9	163°8	
57	0	173°3	170°2	168°3	162°7	158°0	156°8	162°8	166°2	166°3	168°0	163°8	

Thermometer	52°3	52°8	53°3	53°3	54°0	54°0	54°2	54°5	55°0	55°0	54°8
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M. S.		Induction Inclinometer, one Sc. Div. = 0' 502 ; p. = 4° 8297 ; u. = 14° 22'.										
		10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
0	0	168°4	167°2	166°2	165°6	161°9	161°7	161°3	164°4	165°6	165°7	166°7
5	0	168°3	167°6	165°9	164°9	162°3	162°1	161°9	164°1	165°8	166°2	166°1
10	0	168°1	167°2	165°8	164°9	162°1	162°3	162°0	164°4	166°0	166°1	165°6
15	0	168°0	167°0	165°9	164°9	161°7	162°1	162°1	164°9	165°9	166°3	164°9
20	0	167°9	167°1	165°6	165°4	161°7	161°9	162°3	164°9	165°9	166°2	164°4
25	0	167°9	167°3	165°5	164°5	161°8	161°9	162°4	165°1	166°0	166°2	164°1
30	0	167°9	166°9	165°8	163°9	161°6	161°8	162°9	165°2	165°9	166°1	164°1
35	0	167°9	166°8	165°8	163°9	161°7	161°3	163°0	165°2	165°9	166°1	164°4
40	0	167°7	166°8	165°7	163°4	162°1	161°3	163°5	165°0	165°7	166°2	164°4
45	0	167°8	166°5	165°7	163°2	161°9	161°5	163°7	164°9	—	166°2	164°1
50	0	167°4	166°3	165°7	162°9	161°5	161°5	163°9	164°9	165°8	166°1	164°1
55	0	167°6	166°1	165°7	161°9	161°5	161°5	164°1	164°9	165°6	166°5	164°9

Thermometer	53°3	54°2	54°4	54°7	55°4	55°8	55°5	56°1	56°4	56°0	55°7
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Increasing Numbers denote increasing easterly Declination

METEOROLOGICAL OBSERVATIONS.												
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.			
				Dry.	Wet.	Direction.	Force.					
D.	H.	M.	In.	°	°				Overcast and gloomy ; lead-coloured sky, with cir.-strat. The same appearances, softer clouds, and the sun quite obscured. Overcast and gloomy ; no rain. Overcast and gloomy ; no rain. Overcast ; watery-looking sky. Overcast ; watery-looking sky. Hazy watery cum., with spaces of blue sky. Sky fast clearing. Light cir.-cum., hazy in zenith, north and eastward, with soft gloomy cloud rising up in the S.W. The same appearances, but lighter and finer. The same appearances, but lighter and finer. The same appearances, but lighter and finer.			
27	10	0	29°570	55°6	48°6	N.W.	Moderate breeze.	1°0				
	11	0	29°558	56°1	49°2	N. by W.	Strong breeze.	1°0				
	12	0	29°554	55°8	51°2	N.N.W.	Moderate breeze.	1°0				
	13	0	29°518	55°0	50°8	N.N.W.	Gentle breeze.	0°9				
	14	0	29°511	57°2	50°8	N.N.W.	Strong breeze.	1°0				
	15	0	29°513	58°2	50°8	N.N.W.	Strong breeze.	1°0				
	16	0	29°492	57°6	50°8	N.N.W.	Moderate breeze.	0°6				
	17	0	29°460	60°0	52°6	N. by E.	Moderate breeze.	0°5				
	18	0	29°451	59°6	49°0	N.N.W.	Moderate gale.	0°7				
	19	0	29°454	56°4	49°3	N.N.W.	Gentle breeze.	0°8				
	20	0	29°457	54°2	48°7	N.N.W.	Gentle breeze.	—				
	21	0	29°474	53°0	47°8	N.N.W.	Gentle breeze.	—				

MAGNETICAL OBSERVATIONS.

August 27th and 28th.

DECLINATION.

Angular Value of one Scale Division = 0'.502.

21h.	22h.	23h.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.
Sc. Div. 108'0	Sc. Div. 110'5	Sc. Div. 107'8	Sc. Div. 108'6	Sc. Div. 105'9	Sc. Div. 94'9	Sc. Div. 101'3	Sc. Div. 101'0	Sc. Div. 104'8	Sc. Div. 105'8	Sc. Div. 108'8	Sc. Div. 108'8	Sc. Div. 109'0
104'0	111'8	106'2	107'3	104'0	98'0	102'6	101'2	104'3	105'8	109'0	108'2	109'0
102'8	113'6	106'2	107'1	103'8	99'6	101'8	101'2	104'0	105'8	109'2	108'0	109'1
103'3	114'2	106'0	106'4	104'2	99'8	101'0	101'8	104'0	105'6	109'2	108'4	108'7
104'0	113'8	106'8	106'0	105'7	99'8	100'5	102'0	104'5	107'0	109'4	108'7	108'4
105'0	113'0	106'6	106'0	107'6	99'8	104'0	102'2	105'0	107'8	110'0	109'0	108'0
105'8	113'0	106'4	106'0	108'9	99'3	106'1	102'5	104'8	108'2	109'8	109'2	107'7
104'8	112'2	106'8	104'2	109'0	99'3	106'0	102'7	106'0	108'6	109'6	109'1	107'2
104'2	111'8	107'6	103'5	106'7	99'7	105'0	103'0	105'2	109'0	109'6	109'3	106'7
105'7	110'0	108'4	106'1	103'2	100'1	103'1	103'5	105'0	109'0	109'8	109'6	106'6
109'2	109'8	109'6	107'7	101'0	100'3	102'0	104'4	105'0	108'8	109'8	109'3	106'7
111'5	108'4	108'8	106'7	96'2	100'1	101'1	105'2	105'0	108'8	108'8	109'2	106'8

HORIZONTAL FORCE.

Change in the Magnetic moment of the Bar for 1° Fah. = '000093.

163'8	161'3	156'2	156'4	160'4	173'3	164'0	165'8	164'3	165'2	166'8	169'0	170'0
163'2	161'0	156'2	157'3	160'5	174'0	164'9	166'0	164'2	165'6	166'6	168'3	170'3
164'8	160'0	155'2	157'8	160'3	171'9	165'0	166'0	164'5	166'0	166'7	168'9	170'5
165'2	157'6	154'8	157'9	161'0	170'2	164'5	166'0	164'8	166'2	167'0	169'2	171'0
164'8	156'4	154'4	158'2	162'8	168'2	164'4	165'5	164'7	166'4	166'2	169'3	171'0
163'3	156'0	154'0	158'8	163'9	167'1	164'3	165'0	164'7	166'6	167'2	169'7	171'2
162'2	155'4	154'8	159'5	163'3	165'9	164'8	165'0	164'0	166'6	167'2	169'7	171'5
162'0	155'0	155'0	160'9	162'3	165'4	164'4	164'8	164'8	166'6	167'8	168'8	171'7
164'0	154'8	155'4	162'3	161'8	164'9	164'3	165'0	165'0	166'4	168'4	169'7	172'0
165'7	155'2	155'4	162'3	163'3	164'6	165'0	165'0	165'0	166'4	169'0	169'8	172'3
164'8	156'0	155'4	161'2	163'7	164'1	165'1	165'0	164'8	166'6	168'8	169'4	172'5
162'0	156'6	156'0	160'6	169'2	163'9	165'3	165'2	164'8	166'6	169'4	169'7	172'3
54'8	54'8	55'0	54'8	54'8	55'0	54'7	54'6	54'3	54'0	53'6	53'6	53'5

Induction Inclinometer, one Sc. Div. = 0'.502; p. = 4'8297; u. = 14° 22'.

164'4	163'6	160'9	160'9	162'9	167'1	164'6	165'2	164'9	165'9	165'3	166'5	167'1
163'9	163'8	160'9	161'3	162'9	168'6	164'6	165'5	164'8	165'3	165'4	167'1	167'0
164'3	163'1	160'9	161'8	163'0	168'6	165'1	165'5	165'1	165'3	165'4	166'2	167'3
164'6	162'3	160'7	161'7	162'7	167'9	164'9	165'6	164'9	165'5	165'7	166'7	167'4
164'9	161'1	160'3	161'7	163'9	166'9	164'6	165'7	164'9	165'5	165'7	166'4	167'4
164'1	161'1	160'1	161'9	165'1	166'3	164'8	165'7	164'7	165'1	165'9	166'9	167'6
164'1	160'5	160'1	162'2	164'3	165'4	164'9	165'4	164'3	164'9	165'7	166'8	167'6
163'4	160'5	160'3	162'7	164'2	165'0	164'8	165'2	164'4	165'3	165'3	166'9	167'8
163'9	160'1	160'3	163'7	163'2	165'0	164'7	164'9	165'2	165'5	165'7	166'8	168'0
164'4	160'1	160'5	164'3	163'5	164'8	164'8	165'2	165'6	165'3	165'9	166'8	168'3
165'4	160'1	160'5	163'5	164'1	164'5	165'2	165'0	165'1	165'1	166'3	166'8	168'2
164'4	161'1	160'3	163'3	165'7	164'2	165'4	165'5	165'1	165'3	166'5	166'9	168'1
55'7	55'5	55'5	55'3	55'1	55'3	55'2	55'0	54'4	54'0	54'0	54'0	53'8

increasing Horizontal Force, and decreasing Inclination.

METEOROLOGICAL OBSERVATIONS.

Mean Göttingen Time.			Barometer at 32°.		Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.
D.	H.	M.	In.	°	°	Direction.	Force.			
27	22	0	29'515	51'8	47'2	N.N.W.	Gentle breeze.	0'6	Hazy cum. scattered.	
	23	0	29'529	50'5	47'2	N.N.W.	Gentle breeze.	0'5	Hazy cum. scattered.	
28	0	0	29'554	50'0	47'0	N. by W.	Moderate breeze.	0'4	Fine clear weather, with an increasing breeze.	
	1	0	29'581	50'3	46'4	N. by W.	Moderate breeze.	0'3	Scattered cum., fine clear weather, wind in squalls, bright moon.	
	2	0	29'607	50'6	46'7	N.W. by N.	Fresh breeze.	1'0	Dark cum.-strat. overspreading, broken in places.	
	3	0	29'617	50'4	46'8	N.W. by N.	Fresh breeze.	0'4	Sky generally clear, with cir.-cum.; moon shining brightly.	
	4	0	29'629	49'3	45'7	N.N.W.	Gentle breeze.	0'4	Sky generally clear, with cir.-cum.; moon shining brightly.	
	5	0	29'631	49'5	45'5	N.N.W.	Gentle breeze.	0'4	Sky generally clear, with cir.-cum.; moon shining brightly.	
	6	0	29'641	48'8	45'0	N.N.W.	Moderate breeze.	0'5	Cirro.-cum., and fine.	
	7	0	29'653	47'8	43'4	N.N.W.	Moderate breeze.	0'4	Fine, with cum.; strong breeze, with frequent squalls.	
	8	0	29'648	46'8	42'8	N.W. by W.	Moderate gale.	0'2	Fine, with light fleecy cum.	
	9	0	29'643	45'2	42'2	N.W. by W.	Moderate breeze.	0'6	Sky more overcast, with soft cum.; wind fallen much.	

August 27th and 28th.			MAGNETICAL OBSERVATIONS.										
Mean Göttingen Time.			Angular Value of one Scale Division = 0' 502.					DECLINATION.					
			10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
M.	S.		Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
0	0		108.2	105.3	105.6	104.3	107.0	110.0	115.8	118.7	118.3	116.4	113.0
5	0		108.0	105.0	105.2	103.8	107.2	110.4	116.0	118.8	118.4	116.2	112.8
10	0		107.8	105.1	105.1	103.8	107.4	111.0	116.2	118.7	118.6	116.0	112.8
15	0		108.2	104.9	105.0	104.0	107.8	111.4	117.0	119.1	118.0	116.0	112.5
20	0		108.2	104.8	104.0	103.3	108.2	112.0	116.8	119.2	118.0	115.5	112.5
25	0		108.0	105.9	104.0	104.2	108.1	112.0	116.8	119.8	118.0	115.4	112.0
30	0		108.1	105.7	103.8	104.8	108.8	113.0	117.2	119.8	117.2	115.0	111.8
35	0		108.0	105.0	104.8	105.2	108.8	113.6	117.8	119.2	117.0	115.0	111.5
40	0		107.5	105.0	104.2	105.3	108.8	114.0	117.5	118.5	117.0	114.3	111.7
45	0		107.1	105.0	104.2	105.7	109.0	114.2	117.5	118.1	—	114.1	111.8
50	0		106.7	105.0	104.2	106.2	109.4	115.4	118.2	118.0	116.7	113.8	111.8
55	0		106.1	105.0	104.2	106.8	109.8	115.6	118.0	118.0	116.3	113.2	109.8
			One Scale Division = .000170 parts of the H. F.					HORIZONTAL FORCE.					
M.	S.												
2	0		173.9	173.3	170.2	168.2	162.0	158.6	156.9	163.3	166.3	166.2	167.8
7	0		173.8	173.2	169.8	167.8	161.6	158.6	157.3	163.2	166.9	166.8	166.8
12	0		174.0	172.8	169.8	167.5	160.8	158.7	157.8	164.0	167.0	167.1	165.5
17	0		173.9	172.7	169.2	166.8	160.2	158.2	158.0	164.4	166.6	167.3	164.2
22	0		173.9	172.6	169.0	166.3	160.8	157.4	158.4	165.0	167.0	167.2	163.2
27	0		174.1	172.5	169.0	165.9	159.3	157.6	158.8	165.4	167.1	166.8	162.8
32	0		173.9	172.2	169.5	165.0	159.0	157.2	159.8	165.4	166.7	167.0	163.3
37	0		174.0	171.9	169.3	164.1	159.2	157.0	160.3	165.3	166.5	166.8	163.8
42	0		174.0	171.9	169.2	163.8	158.8	156.6	160.5	165.0	166.5	167.2	163.3
47	0		173.9	171.1	169.2	163.4	158.2	156.2	161.8	165.1	166.5	167.4	163.2
52	0		173.6	170.9	168.7	163.0	158.4	156.6	162.2	165.3	166.4	167.9	163.8
57	0		173.3	170.2	168.3	162.7	158.0	156.8	162.8	166.2	166.3	168.0	163.8
Thermometer			52.3	52.8	53.3	53.3	54.0	54.0	54.2	54.5	55.0	55.0	54.8
			Induction Inclinometer, one Sc. Div. = 0' 502; p. = 4.8297; u. = 14° 22'.										
M.	S.												
0	0		168.4	167.2	166.2	165.6	161.9	161.7	161.3	164.4	165.6	165.7	166.7
5	0		168.3	167.6	165.9	164.9	162.3	162.1	161.9	164.1	165.8	166.2	166.1
10	0		168.1	167.2	165.8	164.9	162.1	162.3	162.0	164.4	166.0	166.1	165.6
15	0		168.0	167.0	165.9	164.9	161.7	162.1	162.1	164.9	165.9	166.3	164.9
20	0		167.9	167.1	165.6	165.4	161.7	161.9	162.3	164.9	165.9	166.2	164.4
25	0		167.9	167.3	165.5	164.5	161.8	161.9	162.4	165.1	166.0	166.2	164.1
30	0		167.9	166.9	165.8	163.9	161.6	161.8	162.9	165.2	165.9	166.1	164.1
35	0		167.9	166.8	165.8	163.9	161.7	161.3	163.0	165.2	165.9	166.1	164.4
40	0		167.7	166.8	165.7	163.4	162.1	161.3	163.5	165.0	165.7	166.2	164.4
45	0		167.8	166.5	165.7	163.2	161.9	161.5	163.7	164.9	—	166.2	164.1
50	0		167.4	166.3	165.7	162.9	161.5	161.5	163.9	164.9	165.8	166.1	164.1
55	0		167.6	166.1	165.7	161.9	161.5	161.5	164.1	164.9	165.6	166.5	164.9
Thermometer			53.3	54.2	54.4	54.7	55.4	55.8	55.5	56.1	56.4	56.0	55.7
Increasing Numbers denote increasing easterly Declination													
METEOROLOGICAL OBSERVATIONS.													
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.				
				Dry.	Wet.	Direction.	Force.						
D.	H.	M.	In.	°	°								
27	10	0	29.570	55.6	48.6	N.W.	Moderate breeze.	1.0	Overcast and gloomy; lead-coloured sky, with cir.-strat.				
	11	0	29.558	56.1	49.2	N. by W.	Strong breeze.	1.0	The same appearances, softer clouds, and the sun quite obscured.				
	12	0	29.554	55.8	51.2	N.N.W.	Moderate breeze.	1.0	Overcast and gloomy; no rain.				
	13	0	29.518	55.0	50.8	N.N.W.	Gentle breeze.	0.9	Overcast and gloomy; no rain.				
	14	0	29.511	57.2	50.8	N.N.W.	Strong breeze.	1.0	Overcast; watery-looking sky.				
	15	0	29.513	58.2	50.8	N.N.W.	Strong breeze.	1.0	Overcast; watery-looking sky.				
	16	0	29.492	57.6	50.8	N.N.W.	Moderate breeze.	0.6	Hazy watery cum., with spaces of blue sky.				
	17	0	29.460	60.0	52.6	N. by E.	Moderate breeze.	0.5	Sky fast clearing.				
	18	0	29.451	59.6	49.0	N.N.W.	Moderate gale.	0.7	Light cir.-cum., hazy in zenith, north and eastward, with soft gloomy cloud rising up in the S.W.				
	19	0	29.454	56.4	49.3	N.N.W.	Gentle breeze.	0.8	The same appearances, but lighter and finer.				
	20	0	29.457	54.2	48.7	N.N.W.	Gentle breeze.	—	The same appearances, but lighter and finer.				
	21	0	29.474	53.0	47.8	N.N.W.	Gentle breeze.	—	The same appearances, but lighter and finer.				

MAGNETICAL OBSERVATIONS.												
August 27th and 28th.												
DECLINATION.						Angular Value of one Scale Division = 0'' 502.						
21h.	22h.	23h.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
108°0	110°5	107°8	108°6	105°9	94°9	101°3	101°0	104°8	105°8	108°8	108°8	109°0
104°0	111°8	106°2	107°3	104°0	98°0	102°6	101°2	104°3	105°8	109°0	108°2	109°0
102°8	113°6	106°2	107°1	103°8	99°6	101°8	101°2	104°0	105°8	109°2	108°0	109°1
103°3	114°2	106°0	106°4	104°2	99°8	101°0	101°8	104°0	105°6	109°2	108°4	108°7
104°0	113°8	106°8	106°0	105°7	99°8	100°5	102°0	104°5	107°0	109°4	108°7	108°4
105°0	113°0	106°6	106°0	107°6	99°8	104°0	102°2	105°0	107°8	110°0	109°0	108°0
105°8	113°0	106°4	106°0	108°9	99°3	106°1	102°5	104°8	108°2	109°8	109°2	107°7
104°8	112°2	106°8	104°2	109°0	99°3	106°0	102°7	106°0	108°6	109°6	109°1	107°2
104°2	111°8	107°6	103°5	106°7	99°7	105°0	103°0	105°2	109°0	109°6	109°3	106°7
105°7	110°0	108°4	106°1	103°2	100°1	103°1	103°5	105°0	109°0	109°8	109°6	106°6
109°2	109°8	109°6	107°7	101°0	100°3	102°0	104°4	105°0	108°8	109°8	109°3	106°7
111°5	108°4	108°8	106°7	96°2	100°1	101°1	105°2	105°0	108°8	108°8	109°2	106°8

HORIZONTAL FORCE.												
Change in the Magnetic moment of the Bar for 1° Fah°. = '000093.												
163°8	161°3	156°2	156°4	160°4	173°3	164°0	165°8	164°3	165°2	166°8	169°0	170°0
163°2	161°0	156°2	157°3	160°5	174°0	164°9	166°0	164°2	165°6	166°6	168°3	170°3
164°8	160°0	155°2	157°8	160°3	171°9	165°0	166°0	164°5	166°0	166°7	168°9	170°5
165°2	157°6	154°8	157°9	161°0	170°2	164°5	166°0	164°8	166°2	167°0	169°2	171°0
164°8	156°4	154°4	158°2	162°8	168°2	164°4	165°5	164°7	166°4	166°2	169°3	171°0
163°3	156°0	154°0	158°8	163°9	167°1	164°3	165°0	164°7	166°6	167°2	169°7	171°2
162°2	155°4	154°8	159°5	163°3	165°9	164°8	165°0	164°0	166°6	167°2	169°7	171°5
162°0	155°0	155°0	160°9	162°3	165°4	164°4	164°8	164°8	166°6	167°8	168°8	171°7
164°0	154°8	155°4	162°3	161°8	164°9	164°3	165°0	165°0	166°4	168°4	169°7	172°0
165°7	155°2	155°4	162°3	163°3	164°6	165°0	165°0	165°0	166°4	169°0	169°8	172°3
164°8	156°0	155°4	161°2	165°7	164°1	165°1	165°0	164°8	166°6	168°8	169°4	172°5
162°0	156°6	156°0	160°6	169°2	163°9	165°3	165°2	164°8	166°6	169°4	169°7	172°3
54°8	54°8	55°0	54°8	54°8	55°0	54°7	54°6	54°3	54°0	53°6	53°6	53°5

Induction Inclinator, one Sc. Div. = 0'' 502; p. = 4° 8297; u. = 14° 22'.												
164°4	163°6	160°9	160°9	162°9	167°1	164°6	165°2	164°9	165°9	165°3	166°5	167°1
163°9	163°8	160°9	161°3	162°9	168°6	164°6	165°5	164°8	165°3	165°4	167°1	167°0
164°3	163°1	160°9	161°8	163°0	168°6	165°1	165°5	165°1	165°3	165°4	166°2	167°3
164°6	162°3	160°7	161°7	162°7	167°9	164°9	165°6	164°9	165°5	165°7	166°7	167°4
164°9	161°1	160°3	161°7	163°9	166°9	164°6	165°7	164°9	165°5	165°7	166°4	167°4
164°1	161°1	160°1	161°9	165°1	166°3	164°8	165°7	164°7	165°1	165°9	166°9	167°6
164°1	160°5	160°1	162°2	164°3	165°4	164°9	165°4	164°3	164°9	165°7	166°8	167°6
163°4	160°5	160°3	162°7	164°2	165°0	164°8	165°2	164°4	165°3	165°3	166°9	167°8
163°9	160°1	160°3	163°7	163°2	165°0	164°7	164°9	165°2	165°5	165°7	166°8	168°0
164°4	160°1	160°5	164°3	163°5	164°8	164°8	165°2	165°6	165°3	165°9	166°8	168°3
165°4	160°1	160°5	163°5	164°1	164°5	165°2	165°0	165°1	165°1	166°3	166°8	168°2
164°4	161°1	160°3	163°3	165°7	164°2	165°4	165°5	165°1	165°3	166°5	166°9	168°1
55°7	55°5	55°5	55°3	55°1	55°3	55°2	55°0	54°4	54°0	54°0	54°0	53°8

increasing Horizontal Force, and decreasing Inclination.

METEOROLOGICAL OBSERVATIONS.												
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.			
				Dry.	Wet.	Direction.	Force.					
D.	H.	M.	In.	°	°							
27	22	0	29°515	51°8	47°2	N.N.W.	Gentle breeze.	0°6	Hazy cum. scattered.			
	23	0	29°529	50°5	47°2	N.N.W.	Gentle breeze.	0°5	Hazy cum. scattered.			
28	0	0	29°554	50°0	47°0	N. by W.	Moderate breeze.	0°4	Fine clear weather, with an increasing breeze.			
	1	0	29°581	50°3	46°4	N. by W.	Moderate breeze.	0°3	Scattered cum., fine clear weather, wind in squalls, bright moon.			
	2	0	29°607	50°6	46°7	N.W. by N.	Fresh breeze.	1°0	Dark cum.-strat. overspreading, broken in places.			
	3	0	29°617	50°4	46°8	N.W. by N.	Fresh breeze.	0°4	Sky generally clear, with cir.-cum.; moon shining brightly.			
	4	0	29°629	49°3	45°7	N.N.W.	Gentle breeze.	0°4	Sky generally clear, with cir.-cum.; moon shining brightly.			
	5	0	29°631	49°5	45°5	N.N.W.	Gentle breeze.	0°4	Sky generally clear, with cir.-cum.; moon shining brightly.			
	6	0	29°641	48°8	45°0	N.N.W.	Moderate breeze.	0°5	Cirro.-cum., and fine.			
	7	0	29°653	47°8	43°4	N.N.W.	Moderate breeze.	0°4	Fine, with cum.; strong breeze, with frequent squalls.			
	8	0	29°648	46°8	42°8	N.W. by W.	Moderate gale.	0°2	Fine, with light fleecy cum.			
	9	0	29°643	45°2	42°2	N.W. by W.	Moderate breeze.	0°6	Sky more overcast, with soft cum.; wind fallen much.			

September 22d and 23d.			MAGNETICAL OBSERVATIONS.										
Mean Göttingen Time.			Angular Value of one Scale Division = 0' 502.					DECLINATION.					
			10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
M.	S.		Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
0	0		102'6	96'9	94'2	97'0	105'0	114'0	123'2	129'3	127'8	124'7	121'4
5	0		101'7	95'9	94'6	97'2	106'0	114'8	123'7	129'5	128'0	124'2	121'2
10	0		100'9	95'2	94'8	98'0	106'4	115'9	124'2	129'8	127'0	124'0	120'2
15	0		100'6	95'2	94'8	98'6	107'2	116'7	125'7	129'2	127'0	123'7	120'0
20	0		99'9	94'1	95'4	99'2	107'8	117'6	126'2	129'3	127'0	123'0	120'6
25	0		99'0	93'8	95'0	100'0	109'0	118'2	126'7	129'2	126'8	123'2	120'8
30	0		98'3	93'7	95'2	100'6	109'6	119'5	127'0	129'5	126'0	122'5	120'8
35	0		98'2	93'8	95'4	101'2	110'1	120'0	127'7	129'0	126'0	122'0	120'0
40	0		98'0	93'9	95'2	102'0	111'0	120'2	127'3	128'2	126'0	122'0	119'4
45	0		97'5	93'7	95'6	102'0	111'8	121'0	127'8	127'5	126'0	121'8	119'4
50	0		97'1	93'2	96'2	103'0	112'4	122'0	128'5	127'5	125'5	122'0	118'4
55	0		97'2	93'6	96'4	104'0	113'1	122'9	129'5	127'3	125'0	122'4	117'6
			One Scale Division = '000170 parts of the H. F.					HORIZONTAL FORCE.					
M.	S.												
2	30		164'7	162'7	160'4	154'8	154'4	156'7	161'1	165'8	167'3	168'8	166'2
7	30		164'4	162'6	160'0	155'2	154'5	157'7	161'8	165'8	167'6	168'7	165'4
12	30		164'5	162'6	159'4	154'8	154'7	158'0	162'2	166'0	167'5	169'0	164'6
17	30		164'3	162'3	159'4	154'4	154'3	158'1	163'3	166'0	168'2	168'8	164'4
22	30		164'2	162'1	159'0	154'2	154'0	158'7	163'5	166'6	168'6	168'6	164'0
27	30		164'2	162'0	158'4	154'0	154'2	159'2	163'3	167'0	169'0	168'2	164'0
32	30		164'2	161'9	157'8	154'0	153'8	159'5	163'5	167'0	169'1	168'1	163'8
37	30		164'0	161'7	157'4	154'0	153'6	159'7	163'2	166'3	169'0	167'8	163'6
42	30		163'8	161'1	157'2	153'6	154'2	160'2	163'3	165'8	169'7	167'6	163'4
47	30		163'5	160'8	156'8	153'6	154'5	161'2	164'2	165'2	170'0	167'8	162'6
52	30		163'3	160'7	156'6	153'8	155'0	161'8	165'2	165'3	169'8	167'8	162'0
57	30		163'0	160'7	155'8	154'2	155'7	161'3	166'0	166'0	168'8	167'2	162'2
Thermometer			53'6	53'5	53'7	54'2	54'3	54'5	54'8	55'5	55'8	56'2	56'4
			Induction Inclinometer, one Sc. Div = 0' 502; p. = 4'8297; u. = 14° 22'.										
M.	S.												
0	0		162'3	160'2	158'9	156'7	157'1	158'2	160'9	162'9	163'9	164'2	163'5
5	0		162'4	160'2	158'3	156'7	157'2	158'9	160'7	163'6	164'2	164'7	163'3
10	0		162'3	160'5	158'1	156'7	157'3	159'3	160'9	163'3	163'9	164'9	162'9
15	0		161'7	160'0	158'1	156'5	157'4	159'6	161'4	163'5	164'5	164'4	162'9
20	0		161'7	159'8	157'7	156'7	157'4	159'7	161'9	163'6	164'4	164'7	162'3
25	0		161'7	159'9	157'9	156'7	157'4	160'0	162'0	163'7	164'5	164'5	162'3
30	0		161'4	159'9	157'7	156'3	157'3	160'2	161'7	163'9	164'9	164'4	162'3
35	0		161'2	159'6	157'5	157'1	157'0	160'2	161'5	163'7	164'9	164'4	161'9
40	0		160'9	159'8	157'5	156'9	156'9	160'6	161'4	163'7	164'9	163'9	162'1
45	0		160'8	159'0	157'3	156'9	157'3	160'7	161'9	163'2	164'9	164'1	162'1
50	0		160'8	159'0	157'3	156'9	157'5	161'0	162'2	163'2	164'8	163'9	161'5
55	0		160'7	158'8	156'5	156'9	158'0	161'0	163'2	163'4	164'9	163'8	161'3
Thermometer			54'0	54'7	55'0	55'8	55'7	56'0	56'4	57'7	57'8	58'0	57'8
Increasing Numbers denote increasing easterly Declination.													
METEOROLOGICAL OBSERVATIONS.													
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.				
				Dry.	Wet.	Direction.	Force.						
D.	H.	M.	In.	°	°								
22	10	0	29'974	48'2	45'5	N.N.W.	Gentle breeze.	0'2	Fine settled weather; a few light cir.				
	11	0	29'952	51'6	47'2	N.N.W.	Gentle breeze.	0'7	Soft cir. and cum. spreading over; watery cum. to N.W.				
	12	0	29'906	54'0	48'8	N.N.W.	Gentle breeze.	0'7	Light cirrus clouds generally.				
	13	0	29'867	55'6	48'6	N. by W.	Moderate breeze.	1'0	Overcast; rainy appearance.				
	14	0	29'812	56'2	49'0	N. by W.	Strong breeze.	1'0	Overcast; flat hazy cloud obscuring the sun.				
	15	0	29'770	57'3	49'3	N. by W.	Fresh breeze.	1'0	Overcast; flat hazy cloud obscuring the sun.				
	16	0	29'730	59'5	50'8	N. by W.	Moderate breeze.	1'0	The same appearances.				
	17	0	29'676	62'2	52'2	N. by W.	Moderate breeze.	0'8	Clouds breaking a little and sun appearing.				
	18	0	29'642	61'8	51'2	N.N.W.	Strong breeze.	1'0	Wind increasing to a fresh gale, with gloomy sky.				
	19	0	29'626	62'0	51'2	N.N.W.	Moderate gale.	1'0	Overcast; strong squalls, with much appearance of rain.				
	20	0	29'597	59'8	51'0	N.N.W.	Strong breeze.	1'0	Overcast, with a few drops of rain occasionally.				
	21	0	29'578	58'0	50'8	N.N.W.	Moderate gale.	0'8	Squally and threatening, with watery-looking cum.				
	22	0	29'550	56'8	50'0	N.W. by N.	Moderate gale.	—	Passing rain squalls; unsettled appearance.				

MAGNETICAL OBSERVATIONS.													September 22d and 23d.		
DECLINATION.													Angular Value of one Scale Division = 0'502.		
21h.	22h.	23h.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.			
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.		
117°0	114°0	114°2	111°0	103°5	99°0	87°6	96°3	94°0	95°3	102°2	102°4	99°8			
116°0	113°8	114°0	107°7	101°8	98°0	88°8	97°0	92°0	96°3	101°8	103°0	100°0			
116°0	113°7	114°8	106°7	103°0	99°0	89°5	97°6	91°4	97°8	101°8	103°2	99°8			
115°6	113°7	116°8	108°6	103°0	99°0	90°0	98°0	90°8	97°4	101°4	102°6	101°5			
115°4	113°8	116°5	108°3	103°6	99°0	92°0	99°0	90°0	98°9	101°3	102°0	100°1			
115°2	113°5	116°5	108°2	103°6	98°8	92°8	100°2	89°2	100°4	101°8	102°0	98°5			
115°4	113°5	113°5	108°5	103°5	97°0	92°2	101°0	89°6	101°5	101°0	101°5	98°8			
115°4	113°2	110°8	107°7	101°0	94°7	92°5	101°4	90°6	102°0	101°7	102°2	99°0			
115°6	113°2	111°8	106°2	100°2	91°3	93°8	100°8	91°0	102°5	101°7	103°5	98°2			
115°0	113°2	112°5	105°1	99°7	89°8	94°0	100°2	92°0	102°8	100°9	102°5	98°8			
114°8	114°0	112°8	104°0	99°5	88°0	95°0	97°0	93°0	102°3	101°2	100°5	99°8			
114°2	114°3	111°2	103°5	99°3	87°2	95°1	96°0	94°0	102°4	101°8	99°5	100°3			
HORIZONTAL FORCE.													Change in the Magnetic moment of the Bar for 1° Fahr. = '000093.		
163°0	166°8	166°2	162°8	162°2	166°3	160°9	161°7	171°2	162°2	162°9	162°2	164°2			
163°4	167°0	166°2	164°2	163°2	166°3	160°2	161°7	170°8	162°2	162°7	162°4	164°3			
164°2	167°3	166°5	166°0	163°0	167°2	160°0	161°8	170°0	161°5	163°3	162°8	164°8			
164°7	167°5	165°7	165°2	163°8	166°2	160°8	161°8	168°7	161°5	163°2	163°0	165°3			
165°4	167°8	164°8	165°0	163°8	165°5	161°3	162°2	166°0	161°4	163°7	163°2	165°2			
165°6	168°3	163°3	164°9	163°4	164°5	162°5	163°4	164°2	161°7	163°9	164°0	165°5			
165°8	168°8	163°3	164°2	163°9	163°7	163°2	165°4	164°0	162°0	164°6	164°0	165°8			
165°8	168°8	165°0	163°7	165°9	162°6	163°2	166°2	163°8	162°1	165°0	163°3	166°3			
166°2	168°8	165°2	162°9	165°5	162°8	162°8	167°0	163°4	162°6	164°2	164°5	166°2			
166°4	170°0	165°2	163°3	166°3	162°7	162°0	168°4	163°9	162°8	163°5	164°0	166°2			
166°4	170°3	165°2	163°2	167°0	162°2	162°3	169°4	163°0	162°8	163°0	163°8	166°2			
166°4	168°5	163°8	163°0	166°6	161°3	162°4	170°6	162°2	162°8	162°4	164°0	166°2			
57°0	56°8	56°8	57°0	57°0	57°1	56°9	56°8	55°8	55°3	54°9	54°8	54°2			
Induction Inclinator, one Sc. Div. = 0'502 ; p. = 4°8297; u. = 14°22'.															
161°7	163°9	164°4	162°7	162°0	163°4	160°6	162°1	165°8	161°3	161°9	161°3	162°1			
162°1	163°9	164°1	162°4	162°2	164°9	160°9	161°4	166°0	161°5	161°9	161°1	162°1			
162°3	164°0	163°9	163°2	162°3	163°8	160°2	161°2	165°6	161°3	161°5	161°5	162°1			
162°5	164°0	163°9	163°9	162°4	163°9	160°7	161°4	164°8	160°9	161°7	161°8	162°6			
162°9	164°1	163°7	163°6	162°4	163°2	160°7	161°6	162°4	160°9	161°8	162°1	162°4			
163°3	164°6	163°2	163°7	162°4	162°9	161°3	161°2	163°0	161°3	162°1	162°7	162°2			
163°3	164°9	162°4	163°3	162°4	162°2	162°0	162°6	162°6	161°0	161°9	162°6	162°8			
163°5	165°2	162°9	163°0	163°0	161°8	162°1	164°6	162°4	161°6	162°5	162°7	162°7			
163°3	165°2	163°3	162°8	163°2	161°7	161°9	164°6	160°6	161°7	162°3	162°6	162°5			
163°5	165°5	163°4	162°5	163°2	161°3	161°7	164°4	161°6	161°9	162°0	162°6	162°4			
163°7	165°9	163°3	162°7	163°4	161°6	161°9	165°0	161°8	161°9	161°8	162°6	162°6			
163°9	164°8	162°9	162°4	163°7	161°0	162°0	165°4	161°4	161°8	161°4	162°2	162°8			
58°0	57°8	57°7	57°6	57°5	57°5	57°1	56°7	55°4	55°1	55°0	55°1	53°8			
increasing Horizontal Force, and decreasing Inclination.															
METEOROLOGICAL OBSERVATIONS.															
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.						
				Dry.	Wet.	Direction.	Force.								
D.	H.	M.	In.	°	°										
22	23	0	29°549	54°8	51°0	N.W. by N.	Strong breeze.	—	Rain ceased ; sky clearer ; wind moderating.						
23	0	0	29°529	54°0	51°5	N.W. by N.	Strong breeze.	1°0	Frequent rain squalls ; nimbi scattered in places ; fresh gale from the N.W.						
	1	0	29°548	53°7	51°3	N.W.	Fresh breeze.	0°9	The same, with vaporous clouds.						
	2	0	29°616	53°5	49°7	S.	Strong breeze.	0°8	Sky assuming a finer look ; fresh wind from the southward.						
	3	0	29°685	51°9	48°3	S.E. by E.	Gentle breeze.	0°8	Soft cum. ; frequent squalls from S. to E.S.E. ; scud passing from westward.						
	4	0	29°727	48°0	45°0	S.	Strong breeze.	0°7	Strong squalls from the southward ; frequent showers of rain.						
	5	0	29°756	47°0	43°6	W.S.W.	Fresh breeze.	0°7	Nimbi passing, with light showers of rain occasionally.						
	6	0	29°785	45°6	42°4	S.W.	Light breeze.	0°3	Cum. and cir.-cum. ; misty appearance on parts of the horizon.						
	7	0	29°812	44°6	41°0	S. by W.	Light air.	0°5	Soft clouds gathering from the south, and becoming gloomy.						
	8	0	29°845	44°0	40°8	S.S.W.	Light air.	0°5	The same appearances.						
	9	0	29°886	44°2	40°2	S.S.W.	Light air.	0°5	The same appearances as at 7h.						

October 20th and 21st. MAGNETICAL OBSERVATIONS.												
Mean Göttingen Time.		Angular Value of one Scale Division = 0'502.						DECLINATION.				
		10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
M.	S.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
0	0	98.7	87.7	86.0	90.0	102.4	115.2	126.7	131.5	128.5	121.0	113.9
5	0	98.0	86.9	86.7	90.0	103.0	116.2	127.0	131.5	127.8	120.0	113.4
10	0	96.0	86.7	87.6	91.6	104.0	117.0	127.8	131.8	126.8	119.0	113.2
15	0	94.8	—	87.3	93.0	105.2	119.0	128.8	132.2	126.4	118.2	113.1
20	0	93.1	86.0	87.5	94.6	106.0	119.8	129.0	132.0	126.0	117.7	113.0
25	0	91.6	86.0	87.7	95.6	107.6	120.5	130.0	132.0	125.9	116.8	112.8
30	0	90.5	86.1	87.2	97.2	108.6	121.3	130.2	132.2	125.2	116.2	112.7
35	0	89.6	86.0	87.7	98.6	109.8	122.7	130.2	131.3	124.7	115.9	112.3
40	0	89.0	86.5	87.5	98.7	111.0	123.0	130.5	131.0	123.8	115.4	112.1
45	0	88.1	86.6	88.6	99.4	112.4	124.3	131.0	130.5	123.1	114.9	111.8
50	0	88.0	86.3	89.0	100.8	114.0	125.2	131.2	129.5	122.6	114.4	111.6
55	0	88.0	86.0	90.0	101.4	114.4	126.0	131.3	129.0	121.3	114.0	111.4
M. S.		One Scale Division = .000170 parts of the H. F.						HORIZONTAL FORCE.				
		10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
2	30	159.5	153.6	144.6	140.0	136.6	139.7	145.3	152.3	156.2	158.7	157.0
7	30	159.2	152.8	144.4	139.7	136.8	140.2	146.0	153.5	156.0	159.0	157.0
12	30	158.8	152.5	144.4	140.0	137.0	141.0	146.8	154.0	156.7	159.0	157.1
17	30	158.4	150.9	144.2	139.8	137.2	141.8	147.2	154.5	157.4	159.2	157.2
22	30	157.9	150.2	144.0	139.4	137.4	142.7	147.2	154.8	158.0	159.0	157.3
27	30	157.3	149.3	143.6	139.2	137.8	143.0	147.5	155.2	158.1	158.4	—
32	30	157.1	148.7	143.3	139.0	137.8	143.8	148.2	155.2	158.7	158.4	157.9
37	30	156.4	148.1	142.9	138.4	138.0	143.2	148.8	154.8	158.8	158.0	158.0
42	30	155.9	147.9	142.4	138.0	138.4	144.2	149.3	154.5	158.9	157.4	158.2
47	30	154.9	146.9	142.4	137.5	138.8	144.7	150.2	154.7	159.1	157.2	158.4
52	30	154.5	145.8	142.0	137.0	139.0	145.0	151.0	155.0	159.0	156.9	158.6
57	30	154.0	144.7	141.0	136.8	139.2	145.3	151.7	155.7	158.5	157.0	158.6
Thermometer		57.6	57.3	57.3	57.2	57.0	57.2	57.3	57.5	57.7	57.7	57.6
M. S.		Induction Inclinometer, one Sc. Div. = 0'502; p. = 4.8297; u. = 14° 22'.										
		10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
0	0	161.9	159.3	154.6	152.9	151.5	154.3	157.5	160.6	162.4	163.6	162.5
5	0	161.9	158.6	154.4	152.9	151.9	154.5	157.9	161.4	162.6	163.7	162.5
10	0	161.9	158.3	154.3	152.3	152.5	154.9	158.1	161.9	162.8	163.9	162.5
15	0	161.7	—	154.4	152.9	152.2	154.9	158.4	161.9	163.1	163.7	162.6
20	0	161.4	157.6	154.3	152.7	152.7	155.9	158.6	162.1	163.5	163.6	162.6
25	0	161.1	157.0	154.2	152.7	152.7	156.2	158.6	162.1	163.4	163.3	162.6
30	0	160.9	156.8	154.1	152.7	153.3	156.3	159.0	162.5	163.7	163.6	162.7
35	0	160.6	156.5	153.8	152.3	153.1	156.4	159.0	162.4	163.9	163.1	162.9
40	0	160.2	156.3	153.7	152.2	153.7	156.6	159.4	162.1	163.9	163.0	162.9
45	0	159.9	155.9	153.9	152.1	153.9	157.3	159.7	161.9	163.8	162.6	163.1
50	0	159.6	155.6	153.9	152.1	153.9	157.5	160.2	162.2	163.9	162.7	163.1
55	0	159.2	154.9	153.3	152.5	153.9	157.7	160.6	162.1	164.2	162.7	163.3
Thermometer		57.7	57.5	57.6	57.8	58.0	58.0	58.2	58.5	58.5	58.3	57.9
Increasing Numbers denote increasing easterly Declination.												
METEOROLOGICAL OBSERVATIONS.												
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.			
				Dry.	Wet.	Direction.	Force.					
D.	H.	M.	In.	°	°							
20	10	0	29.715	51.0	51.0	S.E. by E.	Gentle breeze.	1.0	Overcast, with rain.			
	11	0	29.706	51.5	51.3	E.S.E.	Light breeze.	1.0	Overcast, with rain.			
	12	0	29.688	53.0	52.2	E.	Gentle breeze.	1.0	Rain ceased; weather a little clearer.			
	13	0	29.685	54.3	53.0	E.	Gentle breeze.	1.0	Overcast; unsettled looking.			
	14	0	29.668	54.0	53.2	E.	Moderate breeze.	1.0	Overcast; occasionally a slight sprinkling of rain.			
	15	0	29.663	54.4	53.6	E. by N.	Moderate breeze.	1.0	Overcast; sprinkling of rain occasionally.			
	16	0	29.657	54.2	53.2	E. by N.	Moderate breeze.	1.0	Overcast and gloomy; sprinkling rain.			
	17	0	29.653	56.0	53.8	E. by N.	Gentle breeze.	1.0	Overcast and gloomy; sprinkling rain.			
	18	0	29.645	55.2	53.2	E. by N.	Moderate breeze.	1.0	Overcast and gloomy.			
	19	0	29.639	52.7	51.2	E. by S.	Fresh breeze.	1.0	Overcast and gloomy.			
	20	0	29.666	51.3	49.2	E. by S.	Fresh breeze.	1.0	Overcast and gloomy.			
	21	0	29.694	50.2	48.4	E. by S.	Moderate breeze.	1.0	Clouds a little broken.			
	22	0	29.709	48.8	47.4	E. by S.	Fresh breeze.	1.0	Gloomy; overcast and squally			

MAGNETICAL OBSERVATIONS.

October 20th and 21st.

DECLINATION.

Angular Value of one Scale Division = 0'502.

21 ^h	22 ^h	23 ^h	0 ^h	1 ^h	2 ^h	3 ^h	4 ^h	5 ^h	6 ^h	7 ^h	8 ^h	9 ^h
Sc. Div. 111'2	Sc. Div. 110'8	Sc. Div. 110'6	Sc. Div. 110'5	Sc. Div. 110'0	Sc. Div. 109'8	Sc. Div. 109'7	Sc. Div. 109'7	Sc. Div. 110'2	Sc. Div. 109'4	Sc. Div. 108'8	Sc. Div. 107'8	Sc. Div. 104'8
111'2	110'0	110'6	110'3	109'8	110'0	109'5	109'7	110'0	109'8	108'8	107'8	104'5
111'2	110'0	110'6	110'2	109'8	110'2	109'6	109'6	110'0	109'6	108'6	107'5	104'3
111'4	110'4	110'6	110'0	110'0	110'2	109'7	109'6	110'4	109'4	108'4	107'0	103'8
111'4	110'6	110'7	110'0	110'0	110'0	109'8	109'6	110'4	109'2	108'4	107'0	103'3
111'4	111'0	110'8	110'0	110'0	109'5	110'0	109'8	110'4	109'0	108'2	106'8	103'0
111'6	111'2	110'5	110'0	110'0	109'5	110'3	109'8	110'2	108'8	108'2	106'8	102'8
111'4	110'8	110'5	110'0	109'8	109'8	110'2	109'8	110'2	108'4	108'2	106'8	102'2
111'2	110'8	110'2	110'0	109'8	109'8	110'1	110'2	109'8	108'2	108'0	106'8	101'8
111'0	110'6	110'2	110'0	109'8	109'9	110'0	110'1	109'8	108'2	108'0	106'5	101'7
111'2	110'6	110'5	110'0	109'8	109'8	109'8	110'7	109'8	108'4	107'8	106'9	101'5
111'2	110'6	110'8	110'0	109'8	109'7	109'8	110'6	109'8	108'6	107'8	105'2	101'5

HORIZONTAL FORCE.

Change in the Magnetic moment of the Bar for 1° Fahr. = '000093.

158'8	159'6	158'6	158'2	158'2	158'6	159'0	159'0	160'8	161'0	160'4	161'8	162'0
159'0	159'6	158'4	158'2	158'2	158'8	159'0	159'0	161'2	161'2	160'6	161'8	162'2
159'6	159'6	158'4	158'2	158'2	159'0	158'8	158'8	161'2	161'2	160'6	161'5	162'3
160'0	159'4	158'4	158'2	158'2	159'2	158'6	158'8	161'0	161'0	160'7	161'3	162'2
160'0	159'4	158'7	158'2	158'2	159'1	158'7	158'9	161'0	160'8	161'0	161'5	162'2
160'0	159'0	158'5	158'2	158'2	159'0	159'0	159'0	160'8	160'8	161'0	161'7	162'2
160'2	158'8	158'3	158'2	158'2	159'0	159'0	159'0	160'6	160'6	161'0	161'7	162'2
160'4	158'6	158'3	158'2	158'2	158'9	159'0	159'2	160'6	160'6	161'0	161'8	162'2
160'2	158'4	158'3	158'2	158'3	159'0	159'1	159'6	160'4	160'6	161'2	161'8	162'2
160'0	158'4	158'3	158'2	158'3	159'4	159'2	159'8	160'4	160'4	161'2	162'0	162'2
160'0	158'6	158'2	158'2	158'3	159'4	159'2	160'4	160'4	160'2	161'2	162'0	162'2
159'9	158'7	158'2	158'2	158'3	159'0	159'2	160'2	160'6	160'4	161'8	162'0	162'2
57'2	57'0	57'0	56'7	56'5	56'3	56'0	55'8	55'6	55'6	55'4	55'4	55'3

Induction Inclinator, one Sc. Div. = 0'502; p. = 4'8297; u. = 14° 22'.

163'2	163'5	162'7	162'2	162'1	162'1	162'2	162'0	162'3	162'5	162'5	162'6	163'1
163'1	163'6	162'9	162'3	162'1	162'1	162'4	161'9	162'7	162'7	162'5	162'6	163'2
163'5	163'7	162'9	162'2	162'3	162'3	162'1	161'9	162'9	162'7	162'5	162'6	163'3
163'5	163'5	162'7	162'2	162'1	162'5	162'0	161'7	162'9	162'7	162'5	162'7	163'3
163'9	163'3	162'6	162'2	162'1	162'5	161'9	161'9	162'7	162'7	162'5	162'7	163'1
163'9	162'9	162'4	162'2	162'1	162'4	162'0	161'8	162'7	162'7	162'7	162'9	163'2
163'7	162'9	162'6	162'1	162'1	162'4	161'9	161'9	162'5	162'7	162'7	162'9	162'9
163'7	162'8	162'6	162'1	162'1	162'2	162'0	162'0	162'3	162'7	162'7	162'6	162'7
163'7	162'7	162'7	162'1	161'9	162'3	162'0	162'0	162'3	162'5	162'7	162'6	162'9
163'9	162'7	162'7	162'1	161'9	162'3	162'0	162'0	162'5	162'5	162'7	162'6	162'5
163'5	162'7	162'4	162'1	161'9	162'4	162'1	162'4	162'5	162'3	162'4	162'9	162'4
163'5	162'9	162'3	162'1	162'1	162'3	162'1	162'1	162'5	162'5	162'6	162'9	162'4
57'4	57'0	56'8	56'7	56'5	56'2	56'0	56'0	55'8	56'0	55'8	55'8	55'7

increasing Horizontal Force, and decreasing Inclination.

METEOROLOGICAL OBSERVATIONS.

Mean Göttingen Time.	Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.		
		Dry.	Wet.	Direction.	Force.				
D. 20	M. 23	H. 0	In. 29'730	° 49'0	° 47'2	E.	Strong breeze.	1'0	Gloomy, overcast, and squally.
21	0	0	29'740	48'8	46'5	S.E.	Gentle breeze.	1'0	Gloomy, overcast, and squally.
	1	0	29'742	48'5	46'2	S.E.	Moderate breeze.	1'0	Sky a little broken in places; finer appearance.
	2	0	29'742	48'2	45'5	S.E.	Moderate breeze.	1'0	Overcast; clouds a little broken in places.
	3	0	29'748	47'6	44'7	S.E.	Moderate breeze.	0'9	Overcast; clouds a little broken in places.
	4	0	29'735	47'2	43'7	S.E.	Moderate breeze.	0'7	Partly clear, with cirrus clouds.
	5	0	29'738	47'0	44'0	S.S.E.	Light breeze.	0'8	Cum. spread; fine.
	6	0	29'748	46'8	44'0	W.N.W.	Light breeze.	0'9	Watery cum. generally.
	7	0	29'750	45'4	43'6	W.N.W.	Light breeze.	0'8	Fine, with cum. and cir.-cum.
	8	0	29'753	45'0	43'3	W.N.W.	Light breeze.	0'4	Fine, with cum. and cir.-cum.
	9	0	29'760	44'5	43'0	W.N.W.	Light breeze.	0'4	Fine, with cum. and cir.-cum.
	10	0	29'771	45'8	44'2	N.W.	Light breeze.	—	

November 26th and 27th. MAGNETICAL OBSERVATIONS.												
Mean Göttingen Time.		Angular Value of one Scale Division = 0' 502.						DECLINATION.				
		10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
M.	s.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
0	0	95.8	98.2	92.0	99.4	103.9	115.2	122.2	128.7	128.5	123.8	117.8
5	0	96.6	98.2	93.8	99.4	105.8	116.1	122.5	129.1	128.0	123.5	117.0
10	0	98.8	98.0	95.0	99.5	107.5	116.2	123.1	129.0	127.5	123.2	116.8
15	0	98.8	98.0	96.5	100.0	109.0	116.8	124.1	129.3	127.2	122.8	116.0
20	0	99.8	98.0	98.2	100.7	109.9	117.0	124.2	130.0	127.0	122.0	115.2
25	0	99.6	98.2	97.8	100.4	110.4	117.5	124.6	129.7	127.0	121.3	114.5
30	0	99.0	94.5	97.5	101.0	110.7	119.0	125.2	129.6	125.8	121.0	113.5
35	0	99.0	89.2	97.5	103.3	111.0	118.7	125.7	129.0	125.5	120.3	111.7
40	0	99.0	90.0	99.0	103.6	112.8	119.0	125.9	128.8	124.8	120.0	111.0
45	0	99.5	90.2	97.9	102.9	113.8	119.5	126.2	128.8	124.8	119.5	111.0
50	0	99.7	91.0	98.0	103.8	113.5	120.7	126.8	128.8	124.8	118.8	110.3
55	0	99.2	90.2	98.6	104.3	114.0	121.6	127.4	128.4	124.2	118.2	109.8

M. s.		One Scale Division = .000170 parts of the H. F.						HORIZONTAL FORCE.				
		10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
2	30	136.0	131.5	121.0	116.7	113.5	121.2	130.9	135.9	136.5	139.0	140.8
7	30	136.6	130.5	122.3	116.8	117.0	121.2	130.9	135.7	136.7	139.5	141.5
12	30	137.2	129.8	120.8	116.1	117.0	122.0	131.8	135.4	136.5	139.5	141.8
17	30	136.0	129.3	120.8	115.2	116.8	122.8	132.2	137.0	137.8	139.8	141.8
22	30	136.2	127.5	120.2	113.2	116.8	124.0	132.2	136.3	137.8	139.2	142.0
27	30	136.2	125.2	120.3	114.0	116.1	125.7	132.7	137.0	138.0	139.5	140.3
32	30	135.7	123.0	120.8	113.5	116.0	127.2	132.8	136.3	138.2	139.8	139.3
37	30	134.5	122.2	119.8	112.5	118.3	127.5	133.0	136.6	138.2	140.5	140.3
42	30	133.8	122.3	118.9	112.3	119.6	129.0	132.9	136.2	138.8	141.0	140.8
47	30	132.8	122.0	117.9	112.8	—	130.2	133.8	136.3	138.8	141.2	141.5
52	30	132.2	120.8	116.8	112.5	119.4	130.3	134.0	136.0	139.5	141.0	142.0
57	30	131.8	121.0	117.0	112.0	121.0	130.6	135.0	136.5	139.2	140.7	142.5

Thermometer												
		59.7	59.7	60.0	60.1	62.0	62.8	63.7	64.3	64.6	64.6	64.6
		59.7	59.7	60.0	60.1	62.0	62.8	63.7	64.3	64.6	64.6	64.6

Induction Inclinator, one Sc. Div. = 0' 502 ; p. = 4.8297 ; u. = 14° 22'.												
M. s.		10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
0	0	153.1	150.7	146.1	144.0	161.7	147.9	153.0	156.1	156.8	158.3	159.1
5	0	153.1	150.5	145.9	144.0	142.8	148.5	153.2	156.4	157.1	158.2	158.9
10	0	153.9	150.4	146.7	143.8	144.9	148.4	153.7	156.3	157.1	157.7	159.3
15	0	153.9	150.1	145.4	142.9	143.9	148.9	153.7	156.6	157.0	158.1	159.2
20	0	153.1	149.5	144.9	142.7	144.8	149.6	154.2	157.0	157.1	157.9	159.5
25	0	153.5	148.5	146.3	141.3	144.5	149.9	154.1	156.9	157.1	158.4	159.2
30	0	152.9	147.1	145.6	142.0	144.8	150.7	154.5	156.8	157.2	158.4	158.4
35	0	152.7	146.9	145.6	141.6	146.6	151.3	154.4	156.4	156.8	158.6	158.0
40	0	152.4	146.7	144.7	141.3	147.1	151.6	154.6	156.7	157.9	158.9	158.7
45	0	152.1	146.4	144.6	141.8	146.3	152.2	154.8	156.8	157.9	159.2	157.6
50	0	151.4	146.4	144.6	142.1	147.2	152.6	155.2	156.5	157.9	159.3	159.1
55	0	151.5	145.7	143.5	141.7	147.7	152.5	155.6	156.5	157.9	159.0	159.3

Thermometer												
		60.0	60.2	60.7	61.3	64.4	64.5	65.2	65.3	65.3	65.1	64.8
		60.0	60.2	60.7	61.3	64.4	64.5	65.2	65.3	65.3	65.1	64.8

Increasing Numbers denote increasing easterly Declination.

METEOROLOGICAL OBSERVATIONS.											
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.		
				Dry.	Wet.	Direction.	Force.				
D.	H.	M.	In.	°	°						
26	10	0	29.844	58.5	51.8	N.W.	Light air	0.0	Fine and settled ; clear and cloudless.		
	11	0	29.841	61.0	53.8	N.N.W.	Gentle breeze	0.0	Fine and settled ; clear and cloudless.		
	12	0	29.829	63.3	55.0	N.	Light breeze	0.0	Fine and settled ; clear and cloudless.		
	13	0	29.829	68.0	56.5	N.	Light breeze	0.0	Fine and clear, with a bright transparent atmosphere.		
	14	0	29.821	69.2	57.0	N.	Light breeze	0.0	Fine and clear, with a bright transparent atmosphere.		
	15	0	29.799	69.2	58.6	S.E. by E.	Gentle breeze	0.0	Hazy ; small cloud spots.		
	16	0	29.779	68.0	58.9	S.E.	Strong breeze	0.0	Haze increasing ; small cloud spots.		
	17	0	29.764	65.5	58.5	S.S.E.	Fresh breeze	0.0	The same.		
	18	0	29.765	66.4	57.6	S.S.E.	Strong breeze	0.0	The same.		
	19	0	29.757	63.8	56.8	S. by E.	Strong breeze	0.0	Fine ; not a cloud visible, but the usual haze produced by the sea breeze.		
	20	0	29.751	62.0	56.2	S.S.E.	Fresh breeze	0.0	The same.		
	21	0	29.756	60.8	55.0	S.S.E.	Moderate breeze	0.0	Light cir. forming, with increased haziness.		

MAGNETICAL OBSERVATIONS.													November 26th and 27th.	
DECLINATION.						Angular Value of one Scale Division = 0'502.								
21h.	22h.	23h.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.		
Sc. Div. 109°0	Sc. Div. 108°2	Sc. Div. 109°8	Sc. Div. 109°1	Sc. Div. 110°4	Sc. Div. 105°1	Sc. Div. 99°2	Sc. Div. 108°8	Sc. Div. 108°5	Sc. Div. 106°2	Sc. Div. 105°0	Sc. Div. 103°6	Sc. Div. 105°0		
109°0	108°0	109°9	109°2	111°2	104°2	99°8	112°8	108°0	104°2	104°3	104°0	103°5		
109°2	106°2	109°4	108°3	110°9	103°5	100°0	112°8	108°0	103°8	104°3	104°6	103°3		
109°0	105°0	109°5	107°2	110°1	102°8	100°8	112°2	108°0	103°5	104°4	106°5	103°2		
109°0	105°6	109°8	106°9	109°0	102°3	101°5	112°0	107°8	103°0	104°0	106°1	103°0		
109°0	106°5	109°5	107°0	107°1	101°8	102°3	111°8	107°7	102°4	104°0	105°2	101°2		
108°8	106°6	109°5	107°0	105°8	101°7	104°2	111°3	108°0	103°9	102°8	104°7	100°7		
108°3	107°0	109°1	107°1	105°8	100°8	107°0	110°8	107°5	104°8	103°0	105°0	100°3		
107°5	107°5	109°2	107°9	105°6	100°2	109°8	110°8	107°6	105°3	103°2	105°2	99°4		
107°7	107°8	109°6	107°8	105°2	99°8	111°2	109°8	106°0	105°2	103°8	106°0	100°2		
108°3	108°5	109°3	108°2	104°8	99°0	110°0	109°0	108°2	106°0	103°6	104°8	99°1		
108°3	109°0	109°7	109°7	105°0	98°8	109°0	109°2	106°9	105°0	103°7	104°1	98°4		

HORIZONTAL FORCE.						Change in the Magnetic moment of the Bar for 1° Fah. = '000093.						
144°6	142°7	143°0	141°2	141°1	141°4	141°7	135°2	140°0	142°7	141°3	140°7	141°8
145°2	142°5	142°4	141°2	141°3	142°8	141°2	136°7	140°3	143°0	141°3	140°8	141°8
145°1	142°9	141°7	141°4	141°8	143°8	140°8	136°8	141°8	142°5	141°3	141°2	142°0
145°0	144°3	141°8	141°6	141°7	143°8	140°2	137°2	141°2	142°2	141°5	141°0	142°0
144°1	144°7	142°0	142°0	141°4	143°8	140°0	137°8	141°8	142°0	141°5	140°2	142°3
144°0	144°7	142°2	142°2	141°8	143°8	138°8	138°2	142°0	143°3	141°8	141°9	143°0
143°7	144°0	—	142°1	142°1	143°5	137°0	138°8	142°5	143°4	141°5	141°2	142°9
143°2	143°8	142°1	142°0	141°8	143°2	136°5	139°0	142°6	142°0	141°3	142°8	143°0
143°4	143°2	141°2	142°0	142°0	143°0	135°8	139°2	142°5	141°8	140°2	142°2	143°3
143°7	143°7	140°6	141°6	141°4	142°8	135°8	139°1	144°7	141°8	140°9	141°4	143°2
143°3	143°7	140°8	141°6	142°0	143°2	135°5	139°4	143°8	141°8	140°0	141°8	141°2
142°6	143°8	140°7	140°2	142°2	142°5	135°5	139°7	143°8	141°2	140°2	141°8	142°8

Induction Inclinator, one Sc. Div. = 0'502; p. = 4'8297; u. = 14° 22'.												
159°6	159°8	159°0	158°7	158°8	159°9	157°9	159°1	158°5	159°7	157°9	158°1	158°9
160°7	159°6	159°7	158°8	159°0	159°5	157°6	155°8	158°7	159°9	158°5	157°9	158°5
160°9	159°3	159°3	158°9	159°0	159°6	157°2	155°9	158°9	159°4	158°6	158°1	158°7
160°9	159°9	159°2	158°9	159°1	160°1	157°3	156°4	159°2	159°6	158°5	158°3	158°9
160°9	160°3	159°3	159°0	159°0	160°1	157°2	156°4	159°1	159°4	158°6	158°0	158°9
160°6	160°4	159°3	159°1	159°0	159°9	156°9	156°3	159°2	159°3	158°9	158°1	159°2
159°9	160°2	159°5	159°2	159°3	159°4	156°5	157°1	159°6	159°3	158°4	158°3	159°0
160°3	160°1	159°4	159°2	159°0	159°3	155°9	157°3	159°4	159°4	158°6	158°9	158°7
159°8	159°7	159°0	159°1	159°1	158°9	155°3	157°6	159°5	158°8	158°6	158°7	158°4
159°9	160°0	158°5	159°2	158°9	158°1	155°5	157°9	159°9	158°5	158°2	158°9	158°2
160°3	160°0	158°5	159°0	158°9	158°1	157°0	158°0	160°0	158°7	158°1	158°4	158°0
159°7	159°9	158°5	158°8	159°3	158°3	158°7	158°6	160°0	158°0	157°4	158°6	157°6

increasing Horizontal Force, and decreasing Inclination.

METEOROLOGICAL OBSERVATIONS.												
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.			
D.	H.	M.		Dry.	Wet.	Direction.	Force.					
26	22	0	29°756	57°0	54°0	S.S.E.	Moderate breeze.	0·2	Light cir. forming, with increased haziness.			
	23	0	29°774	54°5	52°2	S.S.E.	Light breeze.	0·4	Light cir. forming, with increased haziness.			
27	0	0	29°780	53°3	51°8	S.S.E.	Light air.	0·0	Hazy patches, otherwise cloudless, stars watery looking.			
	1	0	29°754	53°0	51°4	Calm.	—	0·2	Misty cloud in the N.E.			
	2	0	29°733	51°7	50°7	Calm.	—	—	Misty cloud in the N.E.			
	3	0	29°707	51°8	51°0	S.S.E.	Light breeze.	0·5	Watery haze spreading all over the sky and obscuring the stars.			
	4	0	29°681	51°2	50°8	S.S.E.	Light breeze.	1·0	Overcast, with a thin film of rain-looking cloud; at 4 ^h 40 ^m a lunar halo.			
	5	0	29°683	51°0	50°3	Calm.	—	1·0	Thick hazy weather.			
	6	0	29°648	51°0	50°2	Calm.	—	0·8	Sky breaking to the S.E., the rest covered with haze.			
	7	0	29°640	51°0	50°8	Calm.	—	0·8	Soft misty cum., broken in places.			
	8	0	29°640	52°0	51°8	S.S.E.	Light air.	1·0	Misty cloud enveloping the sky and obscuring the distance.			
	9	0	29°635	53°7	52°9	S.S.E.	Light breeze.	1·0	Misty cloud enveloping the sky and obscuring the distance.			

November 26th and 27th. MAGNETICAL OBSERVATIONS.												
Mean Göttingen Time.		Angular Value of one Scale Division = 0'' 502.					DECLINATION.					
		10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
M.	S.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
0	0	95.8	98.2	92.0	99.4	103.9	115.2	122.2	128.7	128.5	123.8	117.8
5	0	96.6	98.2	93.8	99.4	105.8	116.1	122.5	129.1	128.0	123.5	117.0
10	0	98.8	98.0	95.0	99.5	107.5	116.2	123.1	129.0	127.5	123.2	116.8
15	0	98.8	98.0	96.5	100.0	109.0	116.8	124.1	129.3	127.2	122.8	116.0
20	0	99.8	98.0	98.2	100.7	109.9	117.0	124.2	130.0	127.0	122.0	115.2
25	0	99.6	98.2	97.8	100.4	110.4	117.5	124.6	129.7	127.0	121.3	114.5
30	0	99.0	94.5	97.5	101.0	110.7	119.0	125.2	129.6	125.8	121.0	113.5
35	0	99.0	89.2	97.5	103.3	111.0	118.7	125.7	129.0	125.5	120.3	111.7
40	0	99.0	90.0	99.0	103.6	112.8	119.0	125.9	128.8	124.8	120.0	111.0
45	0	99.5	90.2	97.9	102.9	113.8	119.5	126.2	128.8	124.8	119.5	111.0
50	0	99.7	91.0	98.0	103.8	113.5	120.7	126.8	128.8	124.8	118.8	110.3
55	0	99.2	90.2	98.6	104.3	114.0	121.6	127.4	128.4	124.2	118.2	109.8
M. S.		One Scale Division = .000170 parts of the H. F.					HORIZONTAL FORCE.					
		136.0	131.5	121.0	116.7	113.5	121.2	130.9	135.9	136.5	139.0	140.8
2	30	136.6	130.5	122.3	116.8	117.0	121.2	130.9	135.7	136.7	139.5	141.5
7	30	137.2	129.8	120.8	116.1	117.0	122.0	131.8	135.4	136.5	139.5	141.8
12	30	136.0	129.3	120.8	115.2	116.8	122.8	132.2	137.0	137.8	139.8	141.8
17	30	136.2	127.5	120.2	113.2	116.8	124.0	132.2	136.3	137.8	139.2	142.0
22	30	136.2	125.2	120.3	114.0	116.1	125.7	132.7	137.0	138.0	139.5	140.3
27	30	135.7	123.0	120.8	113.5	116.0	127.2	132.8	136.3	138.2	139.8	139.3
32	30	134.5	122.2	119.8	112.5	118.3	127.5	133.0	136.6	138.2	140.5	140.3
37	30	133.8	122.3	118.9	112.3	119.6	129.0	132.9	136.2	138.8	141.0	140.8
42	30	132.8	122.0	117.9	112.8	—	130.2	133.8	136.3	138.8	141.2	141.5
47	30	132.2	120.8	116.8	112.5	119.4	130.3	134.0	136.0	139.5	141.0	142.0
52	30	131.8	121.0	117.0	112.0	121.0	130.6	135.0	136.5	139.2	140.7	142.5
57	30											
Thermometer		59.7	59.7	60.0	60.1	62.0	62.8	63.7	64.3	64.6	64.6	64.6
M. S.		Induction Inclinometer, one Sc. Div. = 0' 502; p. = 4' 8297; u. = 14° 22'.										
		153.1	150.7	146.1	144.0	161.7	147.9	153.0	156.1	156.8	158.3	159.1
0	0	153.1	150.5	145.9	144.0	142.8	148.5	153.2	156.4	157.1	158.2	158.9
5	0	153.9	150.4	146.7	143.8	144.9	148.4	153.7	156.3	157.1	157.7	159.3
10	0	153.9	150.1	145.4	142.9	143.9	148.9	153.7	156.6	157.0	158.1	159.2
15	0	153.1	149.5	144.9	142.7	144.8	149.6	154.2	157.0	157.1	157.9	159.5
20	0	153.5	148.5	146.3	141.3	144.5	149.9	154.1	156.9	157.1	158.4	159.2
25	0	152.9	147.1	145.6	142.0	144.8	150.7	154.5	156.8	157.2	158.4	158.4
30	0	152.7	146.9	145.6	141.6	146.6	151.3	154.4	156.4	156.8	158.6	158.0
35	0	152.4	146.7	144.7	141.3	147.1	151.6	154.6	156.7	157.9	158.9	158.7
40	0	152.1	146.4	144.6	141.8	146.3	152.2	154.8	156.8	157.9	159.2	157.6
45	0	151.4	146.4	144.6	142.1	147.2	152.6	155.2	156.5	157.9	159.3	159.1
50	0	151.5	145.7	143.5	141.7	147.7	152.5	155.6	156.5	157.9	159.0	159.3
55	0											
Thermometer		60.0	60.2	60.7	61.3	64.4	64.5	65.2	65.3	65.3	65.1	64.8

Increasing Numbers denote increasing easterly Declination.

METEOROLOGICAL OBSERVATIONS.											
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.		
				Dry.	Wet.	Direction.	Force.				
D.	H.	M.	In.	°	°						
26	10	0	29.844	58.5	51.8	N.W.	Light air	0.0	Fine and settled; clear and cloudless.		
	11	0	29.841	61.0	53.8	N.N.W.	Gentle breeze	0.0	Fine and settled; clear and cloudless.		
	12	0	29.829	63.3	55.0	N.	Light breeze	0.0	Fine and settled; clear and cloudless.		
	13	0	29.829	68.0	56.5	N.	Light breeze	0.0	Fine and clear, with a bright transparent atmosphere.		
	14	0	29.821	69.2	57.0	N.	Light breeze	0.0	Fine and clear, with a bright transparent atmosphere.		
	15	0	29.799	69.2	58.6	S.E. by E.	Gentle breeze	0.0	Hazy; small cloud spots.		
	16	0	29.779	68.0	58.9	S.E.	Strong breeze	0.0	Haze increasing; small cloud spots.		
	17	0	29.764	65.5	58.5	S.S.E.	Fresh breeze	0.0	The same.		
	18	0	29.765	66.4	57.6	S.S.E.	Strong breeze	0.0	The same.		
	19	0	29.757	63.8	56.8	S. by E.	Strong breeze	0.0	Fine; not a cloud visible, but the usual haze produced by the sea breeze.		
	20	0	29.751	62.0	56.2	S.S.E.	Fresh breeze	0.0	The same.		
	21	0	29.756	60.8	55.0	S.S.E.	Moderate breeze	0.0	Light cir. forming, with increased haziness.		

MAGNETICAL OBSERVATIONS.													November 26th and 27th.	
DECLINATION.											Angular Value of one Scale Division = 0' 502.			
21 ^h .	22 ^h .	23 ^h .	0 ^h .	1 ^h .	2 ^h .	3 ^h .	4 ^h .	5 ^h .	6 ^h .	7 ^h .	8 ^h .	9 ^h .		
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.		
109°0	108°2	109°8	109°1	110°4	105°1	99°2	108°8	108°5	106°2	105°0	103°6	105°0		
109°0	108°0	109°9	109°2	111°2	104°2	99°8	112°8	108°0	104°2	104°3	104°0	103°5		
109°2	106°2	109°4	108°3	110°9	103°5	100°0	112°8	108°0	103°8	104°3	104°6	103°3		
109°0	105°0	109°5	107°2	110°1	102°8	100°8	112°2	108°0	103°5	104°4	106°5	103°2		
109°0	105°6	109°8	106°9	109°0	102°3	101°5	112°0	107°8	103°0	104°0	106°1	103°0		
109°0	106°5	109°5	107°0	107°1	101°8	102°3	111°8	107°7	102°4	104°0	105°2	101°2		
108°8	106°6	109°5	107°0	105°8	101°7	104°2	111°3	108°0	103°9	102°8	104°7	100°7		
108°3	107°0	109°1	107°1	105°8	100°8	107°0	110°8	107°5	104°8	103°0	105°0	100°3		
107°5	107°5	109°2	107°9	105°6	100°2	109°8	110°8	107°6	105°3	103°2	105°2	99°4		
107°7	107°8	109°6	107°8	105°2	99°8	111°2	109°8	106°0	105°2	103°8	106°0	100°2		
108°3	108°5	109°3	108°2	104°8	99°0	110°0	109°0	108°2	106°0	103°6	104°8	99°1		
108°3	109°0	109°7	109°7	105°0	98°8	109°0	109°2	106°9	105°0	103°7	104°1	98°4		

HORIZONTAL FORCE.													Change in the Magnetic moment of the Bar for 1° Fah. = '000093.	
144°0	142°7	143°0	141°2	141°1	141°4	141°7	135°2	140°0	142°7	141°3	140°7	141°8		
145°2	142°5	142°4	141°2	141°3	142°8	141°2	136°7	140°3	143°0	141°3	140°8	141°8		
145°1	142°9	141°7	141°4	141°8	143°8	140°8	136°8	141°8	142°5	141°3	141°2	142°0		
145°0	144°3	141°8	141°6	141°7	143°8	140°2	137°2	141°2	142°2	141°5	141°0	142°0		
144°1	144°7	142°0	142°0	141°4	143°8	140°0	137°8	141°8	142°0	141°5	140°2	142°3		
144°0	144°7	142°2	142°2	141°8	143°8	138°8	138°2	142°0	143°3	141°8	141°9	143°0		
143°7	144°0	—	142°1	142°1	143°5	137°0	138°8	142°5	143°4	141°5	141°2	142°9		
143°2	143°8	142°1	142°0	141°8	143°2	136°5	139°0	142°6	142°0	141°3	142°8	143°0		
143°4	143°2	141°2	142°0	142°0	143°0	135°8	139°2	142°5	141°8	140°2	142°2	143°3		
143°7	143°7	140°6	141°6	141°4	142°8	135°8	139°1	144°7	141°8	140°9	141°4	143°2		
143°3	143°7	140°8	141°6	142°0	143°2	135°5	139°4	143°8	141°8	140°0	141°8	141°2		
142°6	143°8	140°7	140°2	142°2	142°5	135°5	139°7	143°8	141°2	140°2	141°8	142°8		
64°6	64°4	64°3	64°1	63°7	63°0	63°0	63°2	63°0	62°2	62°0	61°3	61°2		

Induction Inclinometer, one Sc. Div. = 0' 502; p. = 4° 8297; u. = 14° 22'.

159°6	159°8	159°0	158°7	158°8	159°9	157°9	159°1	158°5	159°7	157°9	158°1	158°9
160°7	159°6	159°7	158°8	159°0	159°5	157°6	155°8	158°7	159°9	158°5	157°9	158°5
160°9	159°3	159°3	158°9	159°0	159°6	157°2	155°9	158°9	159°4	158°6	158°1	158°7
160°9	159°9	159°2	158°9	159°1	160°1	157°3	156°4	159°2	159°6	158°5	158°3	158°9
160°9	160°3	159°3	159°0	159°0	160°1	157°2	156°4	159°1	159°4	158°6	158°0	158°9
160°6	160°4	159°3	159°1	159°0	159°9	156°9	156°3	159°2	159°3	158°9	158°1	159°2
159°9	160°2	159°5	159°2	159°3	159°4	156°5	157°1	159°6	159°3	158°4	158°3	159°0
160°3	160°1	159°4	159°2	159°0	159°3	155°9	157°3	159°4	159°4	158°6	158°9	158°7
159°8	159°7	159°0	159°1	159°1	158°9	155°3	157°6	159°5	158°8	158°6	158°7	158°4
159°9	160°0	158°5	159°2	158°9	158°1	155°5	157°9	159°9	158°5	158°2	158°9	158°2
160°3	160°0	158°5	159°0	158°9	158°1	157°0	158°0	160°0	158°7	158°1	158°4	158°0
159°7	159°9	158°5	158°8	159°3	158°3	158°7	158°6	160°0	158°0	157°4	158°6	157°6
64°3	64°0	63°7	63°1	62°3	61°8	62°0	62°8	62°0	60°9	61°0	60°3	60°4

increasing Horizontal Force, and decreasing Inclination.

METEOROLOGICAL OBSERVATIONS.

Mean Göttingen Time.	Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.
		Dry.	Wet.	Direction.	Force.		
D. H. M.	In.	°	°				
26 22 0	29°756	57°0	54°0	S.S.E.	Moderate breeze.	0°2	Light cir. forming, with increased haziness.
23 0	29°774	54°5	52°2	S.S.E.	Light breeze.	0°4	Light cir. forming, with increased haziness.
27 0 0	29°780	53°3	51°8	S.S.E.	Light air.	0°0	Hazy patches, otherwise cloudless, stars watery looking.
1 0	29°754	53°0	51°4	Calm.	—	0°2	Misty cloud in the N.E.
2 0	29°733	51°7	50°7	Calm.	—	—	Misty cloud in the N.E.
3 0	29°707	51°8	51°0	S.S.E.	Light breeze.	0°5	Watery haze spreading all over the sky and obscuring the stars.
4 0	29°681	51°2	50°8	S.S.E.	Light breeze.	1°0	Overcast, with a thin film of rain-looking cloud; at 4 ^h 40 ^m a lunar halo.
5 0	29°683	51°0	50°3	Calm.	—	1°0	Thick hazy weather.
6 0	29°648	51°0	50°2	Calm.	—	0°8	Sky breaking to the S.E., the rest covered with haze.
7 0	29°640	51°0	50°8	Calm.	—	0°8	Soft misty cum., broken in places.
8 0	29°640	52°0	51°8	S.S.E.	Light air.	1°0	Misty cloud enveloping the sky and obscuring the distance.
9 0	29°635	53°7	52°9	S.S.E.	Light breeze.	1°0	Misty cloud enveloping the sky and obscuring the distance.

December 22d and 23d.		MAGNETICAL OBSERVATIONS.										
Mean Göttingen Time.		Angular Value of one Scale Division = 0'' 502.					DECLINATION.					
		10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
M.	s.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
0	0	100.0	93.5	92.7	104.0	106.4	113.6	119.8	120.3	121.2	120.5	117.8
5	0	99.5	93.3	93.8	104.0	109.4	114.0	120.3	121.7	122.0	120.0	117.0
10	0	99.8	91.2	91.8	103.8	108.4	114.8	120.8	122.2	121.2	120.0	117.8
15	0	99.2	92.0	93.3	105.0	108.4	115.2	121.2	124.8	120.2	120.2	117.8
20	0	99.0	93.2	96.8	105.4	108.4	115.4	122.0	123.3	119.7	120.0	116.8
25	0	97.0	92.6	98.8	105.0	109.0	115.4	123.5	124.0	119.8	120.2	116.7
30	0	95.8	92.0	99.2	106.2	109.6	115.0	121.6	123.4	119.8	120.2	116.8
35	0	95.6	92.0	98.2	105.7	112.0	115.9	122.6	122.0	118.3	120.2	116.2
40	0	95.8	91.3	98.0	103.9	112.4	116.2	120.7	123.0	118.0	119.8	115.8
45	0	95.8	92.7	99.0	105.6	112.8	116.8	120.8	123.0	118.0	119.2	115.0
50	0	95.8	92.8	100.8	105.9	113.8	117.2	120.8	122.8	119.5	121.5	115.0
55	0	93.7	91.3	102.2	106.2	113.6	117.5	120.8	121.5	120.2	118.8	115.0

M.		One Scale Division = .000170 parts of the H. F. HORIZONTAL FORCE.										
		10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
2	30	130.8	128.8	117.2	126.3	127.2	127.4	126.1	124.0	125.5	137.0	138.8
7	30	130.8	127.0	115.5	126.0	126.8	127.0	125.8	124.2	126.8	136.0	136.2
12	30	130.5	125.3	113.5	126.4	126.4	126.8	126.4	126.3	125.8	135.5	135.2
17	30	130.3	126.8	116.8	126.4	125.8	127.8	125.5	128.0	125.0	134.8	134.2
22	30	130.0	126.5	120.8	128.2	126.4	126.6	127.3	128.5	122.5	132.8	134.0
27	30	129.6	125.0	122.8	126.0	127.0	126.3	131.5	127.8	124.3	132.8	132.5
32	30	129.2	123.2	123.7	125.3	128.2	126.8	131.0	128.3	124.8	132.8	132.3
37	30	129.8	121.0	122.2	123.0	128.4	125.8	130.5	128.3	126.9	133.2	132.7
42	30	129.3	120.5	123.2	123.6	127.6	124.9	128.8	128.2	131.7	134.0	133.0
47	30	129.5	120.2	124.2	124.6	127.6	124.8	127.0	128.0	135.5	136.8	132.4
52	30	129.7	118.8	125.4	124.0	127.4	124.6	126.2	126.0	136.5	141.6	131.8
57	30	129.2	117.5	126.0	125.0	127.0	126.0	124.3	125.7	136.8	139.3	132.2

Thermometer		10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
		63.8	64.2	64.7	65.2	65.8	66.0	66.8	67.0	67.0	67.2	67.5

M.		Induction Inclinometer, one Sc. Div. = 0'' 502; p. = 4° 8297; u. = 14° 22'.										
		10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
0	0	153.7	151.9	147.2	151.7	152.3	153.1	152.9	152.8	153.9	159.4	160.3
5	0	153.4	151.8	146.8	152.7	153.9	153.9	152.8	152.7	153.4	159.1	159.4
10	0	153.3	150.7	145.4	152.7	152.5	153.1	153.7	153.6	153.7	158.9	158.1
15	0	153.0	151.4	146.1	152.5	152.7	153.5	153.0	154.4	153.7	158.7	158.1
20	0	152.9	151.7	148.1	152.9	152.9	153.7	153.7	155.0	152.4	157.9	157.9
25	0	153.1	150.8	149.6	152.9	153.1	152.7	156.4	154.5	152.7	157.9	157.2
30	0	152.1	149.7	149.9	152.7	153.3	152.9	154.3	155.0	153.1	157.7	156.9
35	0	152.3	149.1	149.2	152.2	153.7	153.0	156.5	154.5	154.1	157.7	156.9
40	0	152.3	148.3	149.9	151.6	153.7	152.8	155.4	155.4	155.7	157.9	157.1
45	0	152.3	148.2	150.4	151.8	153.7	152.4	154.6	154.9	157.1	158.0	156.9
50	0	152.3	147.9	152.1	152.0	153.3	152.7	154.4	154.0	159.2	160.6	156.9
55	0	152.0	147.1	151.7	152.2	153.1	152.6	153.1	154.4	159.7	160.9	156.9

Thermometer		10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
		65.1	66.0	66.0	66.2	67.2	67.6	68.4	68.2	68.2	67.8	67.0

Increasing Numbers denote increasing easterly Declination.

METEOROLOGICAL OBSERVATIONS.												
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.			
				Dry.	Wet.	Direction.	Force.					
D.	H.	M.	In	°	°							
22	10	0	29.550	72.0	59.8	N.N.W.	Gentle breeze.	0.3	Fine; a few scattered cirri.			
	11	0	29.553	75.2	61.2	S.E.	Light air.	0.3	Sea breeze setting in, bringing considerable haze.			
	12	0	29.557	65.5	60.0	S.E.	Fresh gale.	0.5	Sea breeze; much haze; fine.			
	13	0	29.577	65.4	60.8	S.E.	Moderate gale.	0.3	Sea breeze; much haze; fine.			
	14	0	29.599	64.3	59.0	S. by E.	Strong breeze.	0.4	Cir. scattered, with a thick white haze.			
	15	0	29.608	66.2	60.0	S. by E.	Strong breeze.	0.6	The same.			
	16	0	29.608	67.2	59.2	S. by E.	Strong breeze.	0.6	The same.			
	17	0	29.604	64.5	58.2	S. by E.	Strong breeze.	0.6	The same.			
	18	0	29.606	64.0	58.0	S.S.E.	Strong breeze.	0.6	The usual haze cloud produced by the fresh sea breeze.			
	19	0	29.614	62.2	56.2	S.S.E.	Moderate gale.	0.6	The usual haze cloud produced by the fresh sea breeze.			
	20	0	29.624	62.2	55.5	S.S.E.	Strong breeze.	0.6	The same.			
	21	0	29.632	61.4	55.0	S.	Gentle breeze.	0.0	Cloudless, with haze continuing.			
	22	0	29.646	59.0	54.0	S. by W.	Light breeze.	0.2	Few cir. scattered, with the same haze.			

MAGNETICAL OBSERVATIONS.												December 22d and 23d.	
DECLINATION.						Angular Value of one Scale Division = 0'' 502.							
21 ^h .	22 ^h .	23 ^h .	0 ^h .	1 ^h .	2 ^h .	3 ^h .	4 ^h .	5 ^h .	6 ^h .	7 ^h .	8 ^h .	9 ^h .	
Sc. Div. 115.2	Sc. Div. 113.6	Sc. Div. 102.0	Sc. Div. 105.0	Sc. Div. 105.0	Sc. Div. 108.3	Sc. Div. 108.0	Sc. Div. 113.8	Sc. Div. 107.8	Sc. Div. 112.8	Sc. Div. 110.8	Sc. Div. 107.8	Sc. Div. 110.5	
114.4	113.8	101.7	104.4	105.4	108.0	108.5	116.7	107.4	113.0	110.4	107.6	113.2	
113.4	113.6	98.8	105.0	105.0	108.2	109.0	116.0	107.0	113.4	109.2	105.3	115.0	
114.0	113.4	97.4	104.8	105.2	108.8	109.0	116.5	107.6	113.8	110.0	106.9	114.3	
114.8	112.8	98.8	105.0	106.8	109.2	109.2	116.8	108.2	114.2	108.8	107.8	113.8	
115.2	112.2	99.6	104.2	106.5	109.3	110.2	117.2	108.4	114.2	108.0	107.8	113.8	
115.6	109.8	100.2	103.1	107.0	109.3	111.5	116.8	108.4	114.2	107.2	107.8	110.8	
114.4	109.2	100.0	102.7	107.2	109.3	112.0	113.8	108.6	114.4	107.7	106.2	110.8	
113.0	108.8	100.5	103.2	106.8	109.3	112.5	112.2	109.0	113.0	108.0	105.4	109.2	
114.0	108.4	102.0	104.3	106.3	109.5	113.8	110.8	109.8	112.2	108.5	106.0	108.0	
113.8	106.4	104.3	104.8	106.2	108.7	113.2	109.0	110.6	112.2	105.3	107.3	107.8	
113.4	105.0	104.0	104.3	107.0	108.5	113.5	108.2	110.6	112.0	109.5	109.0	108.2	

HORIZONTAL FORCE.												Change in the Magnetic moment of the Bar for 1° Fah°. = .000093.	
133.6	137.0	131.6	130.7	129.8	131.8	130.8	134.0	133.8	131.4	132.5	132.8	126.5	
133.0	137.5	133.0	129.5	129.8	132.0	132.2	133.5	133.4	132.2	132.4	133.3	126.3	
133.2	136.2	134.4	128.6	128.8	131.7	132.0	133.2	133.0	133.4	132.8	133.3	126.0	
134.0	135.8	138.6	127.6	128.8	131.8	131.8	133.5	132.8	134.0	132.6	133.9	125.7	
135.6	133.6	139.8	126.4	129.0	131.8	131.8	133.7	132.4	134.4	133.4	133.2	126.2	
136.6	132.8	140.8	126.8	130.0	131.2	132.2	135.0	132.8	134.2	133.5	132.8	126.2	
137.4	134.0	139.7	127.2	130.8	131.0	132.8	135.8	133.0	134.0	133.2	132.3	127.5	
137.2	135.2	139.0	128.6	130.0	130.8	133.2	135.2	133.4	133.8	133.0	132.3	130.0	
137.0	134.2	138.0	129.0	129.2	130.5	134.2	135.0	133.0	133.8	132.7	131.0	129.8	
136.8	133.0	137.0	129.0	129.6	130.3	134.8	134.6	132.4	133.6	132.3	130.0	129.4	
135.8	132.2	136.0	129.3	129.8	130.5	133.5	133.8	131.8	132.4	132.5	129.2	131.2	
137.2	131.4	132.8	130.2	131.6	130.8	133.8	133.8	130.4	131.8	134.3	126.3	132.2	
66.8	66.6	66.6	66.5	66.2	65.8	65.7	65.4	65.4	65.0	64.8	63.3	63.4	

Induction Inclinometer, one Sc. Div. = 0' 502; p. = 4.8297; u. = 14° 22'.

157.5	159.3	155.3	156.6	155.3	155.9	155.1	156.3	157.1	155.1	155.9	156.3	152.9
157.5	159.5	156.2	155.8	155.0	156.1	155.6	156.5	157.0	155.9	156.3	157.4	152.4
156.3	159.3	156.1	154.9	154.9	155.7	155.9	156.7	157.1	156.5	156.1	156.7	153.1
158.8	158.7	157.5	154.4	154.7	155.7	155.9	156.6	156.7	156.7	156.9	156.2	152.4
158.1	158.1	158.9	154.4	154.2	155.9	156.7	156.8	156.3	157.1	157.1	156.1	152.4
158.5	157.5	159.8	153.0	155.1	155.6	156.2	157.2	156.3	157.1	156.6	156.3	152.1
159.1	158.3	159.7	153.8	155.1	155.6	155.4	157.6	156.5	157.3	156.9	156.3	152.8
158.9	157.9	159.6	154.0	155.5	155.6	155.7	157.3	156.5	157.3	155.9	155.7	153.1
158.9	157.9	159.7	154.5	154.9	155.6	156.6	157.0	156.5	156.9	156.5	154.8	154.7
159.5	157.9	159.3	154.8	154.8	155.2	156.8	157.1	156.3	156.3	156.7	154.2	154.1
158.9	157.5	158.6	154.8	154.9	154.9	156.5	157.3	156.1	155.9	155.6	154.4	153.5
158.9	156.5	157.9	155.3	155.4	154.9	156.4	157.1	155.9	155.7	156.6	152.9	155.3
67.0	66.5	66.0	65.8	65.2	64.8	64.8	64.8	64.4	64.4	64.0	63.2	63.0

increasing Horizontal Force, and decreasing Inclination.

METEOROLOGICAL OBSERVATIONS.											
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.		
				Dry.	Wet.	Direction.	Force.				
D.	H.	M.	In.	°	°						
22	23	0	29.658	58.2	54.2	S. by W.	Light breeze.	0.3	Few cir., scattered with the same haze.		
23	0	0	29.650	56.2	52.6	S.S.E.	Light breeze.	0.2	Cloudless and fine.		
	1	0	29.642	54.5	51.5	S.S.E.	Light breeze.	0.0	Cloudless and fine.		
	2	0	29.641	54.0	51.0	S.S.E.	Light breeze.	0.5	Thin film of cloud covering the whole sky, obscuring all stars but those of the first magnitude.		
	3	0	29.619	53.0	50.5	S.S.E.	Light breeze.	0.5	The same; fine and tranquil.		
	4	0	29.606	51.8	49.8	S.S.E.	Light air.	0.5	The same; fine and tranquil; bright moonlight.		
	5	0	29.579	50.8	49.0	Calm	—	0.5	The same.		
	6	0	29.547	50.2	48.2	Calm	—	0.6	Light filmy cirrus cloud scattered.		
	7	0	29.526	49.8	48.0	Calm	—	0.8	The same.		
	8	0	29.533	50.0	48.2	Calm	—	1.0	The same; but overcast and gloomy.		
	9	0	29.522	52.0	50.5	N. by E.	Light air.	1.0	Wind freshening; dark rainy-looking cum.		

VAN DIEMEN ISLAND, 1847.

METEOROLOGICAL OBSERVATIONS.

BAROMETRIC PRESSURE.													
Barometer at 32° = 28 English inches + the numbers in the Table.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
JANUARY.	1	1.408	1.396	1.402	1.392	1.391	1.344	1.382	1.416	1.426	1.466	1.490	1.521
	2	1.807	1.812	1.837	—	—	—	—	—	—	—	—	—
	3	—	—	—	1.677	1.652	1.618	1.585	1.590	—	1.618	1.620	1.634
	4	1.528	1.491	1.464	1.434	1.403	1.368	1.354	1.349	1.335	1.320	1.337	1.326
	5	1.566	1.574	1.591	1.613	1.627	1.638	—	1.633	1.626	1.641	1.641	1.647
	6	1.584	1.593	1.576	1.554	1.546	1.539	1.529	1.522	1.515	1.515	1.495	1.460
	7	1.308	1.282	1.255	1.256	1.236	1.204	1.189	1.191	1.149	1.109	1.117	1.187
	8	1.779	1.804	1.832	1.838	1.858	1.877	1.887	1.907	1.930	1.956	1.978	1.983
	9	1.904	1.894	1.887	—	—	—	—	—	—	—	—	—
	10	—	—	—	1.605	1.615	1.627	1.653	1.676	1.718	1.751	1.782	1.799
	11	2.056	2.076	2.086	2.092	2.098	2.075	2.076	2.077	2.101	2.116	2.117	2.105
	12	1.850	1.825	1.813	1.789	1.751	1.729	1.703	1.689	1.689	1.684	1.658	1.639
	13	1.643	1.649	1.669	1.674	1.685	1.701	1.715	1.730	1.752	1.782	1.801	1.817
	14	1.968	1.963	1.969	1.969	1.957	1.953	1.953	1.959	1.967	1.987	2.002	2.017
	15	1.895	1.900	1.877	1.845	1.814	1.777	1.751	1.728	1.718	1.702	1.698	1.691
	16	1.603	1.571	1.540	—	—	—	—	—	—	—	—	—
	17	—	—	—	1.594	1.588	1.588	1.601	1.610	1.638	1.650	1.664	1.675
	18	1.728	1.712	1.696	1.684	1.656	1.636	1.626	1.616	1.607	1.603	1.600	1.590
	19	1.263	1.280	1.310	1.331	1.375	1.424	1.487	1.505	1.513	1.529	1.571	1.587
	20	1.755	1.766	1.765	1.767	1.749	1.749	1.743	1.740	1.754	1.764	1.783	1.787
	21	1.745	1.724	1.719	1.707	1.696	1.696	1.685	1.686	1.689	1.675	1.673	1.679
	22	1.713	1.711	1.717	1.711	1.709	1.715	1.737	1.765	1.787	1.801	1.822	1.835
	23	1.775	1.750	1.734	—	—	—	—	—	—	—	—	—
	24	—	—	—	—	1.617	1.603	1.602	1.614	1.618	1.632	1.647	1.643
	25	1.690	1.688	1.698	1.706	1.690	1.696	1.695	1.704	1.717	1.720	1.726	1.720
	26	1.654	1.652	1.622	1.600	1.575	1.549	1.535	1.534	—	1.548	1.551	1.561
	27	1.644	1.650	1.652	1.649	1.654	1.652	1.657	1.681	1.694	1.715	1.749	1.769
	28	1.882	1.869	1.865	1.857	1.841	1.829	1.813	1.789	1.783	1.790	1.790	1.790
	29	1.835	1.851	1.864	1.878	1.885	1.889	1.896	1.909	1.936	1.960	1.969	1.983
	30	1.957	1.939	1.921	—	—	—	—	—	—	—	—	—
	31	—	—	—	1.801	1.797	1.791	1.794	1.802	1.826	1.853	1.869	1.890
Hourly Means	1.7131	1.7085	1.7062	1.6809	1.6717	1.6641	1.6659	1.6701	1.6870	1.6880	1.6981	1.7052	
FEBRUARY.	1	2.000	2.003	2.006	2.006	2.000	2.000	1.992	1.992	—	2.012	2.017	2.014
	2	1.913	1.903	1.898	1.891	1.879	1.862	1.856	1.858	1.862	1.858	1.865	1.855
	3	1.792	1.785	1.771	1.755	1.735	1.719	1.709	1.705	1.721	1.733	1.741	1.747
	4	1.757	1.754	1.744	1.744	1.746	1.742	1.732	1.728	1.750	1.758	1.770	1.776
	5	1.852	1.862	1.868	1.866	1.866	1.869	1.869	1.881	1.895	1.899	1.926	1.938
	6	2.012	2.017	2.023	—	—	—	—	—	—	—	—	—
	7	—	—	—	2.051	2.045	2.037	2.027	2.023	2.039	2.047	2.071	2.069
	8	1.995	1.980	1.983	1.970	—	1.944	1.932	1.938	1.942	1.944	1.970	1.981
	9	1.911	1.899	1.885	1.871	1.850	1.843	1.829	1.821	1.830	1.846	1.853	1.862
	10	1.951	1.964	1.974	1.986	2.005	2.010	2.019	2.027	—	2.070	2.103	2.107
	11	2.175	2.178	2.177	2.169	2.159	2.157	2.142	2.139	2.154	2.167	2.190	2.187
	12	2.055	2.032	2.007	1.979	1.952	1.936	1.924	—	1.908	1.892	1.899	1.887
	13	1.678	1.665	1.660	—	—	—	—	—	—	—	—	—
	14	—	—	—	1.750	1.766	1.768	1.760	1.752	1.754	1.760	1.762	1.768
	15	1.572	1.532	1.502	1.459	1.433	1.397	1.381	1.361	1.370	1.390	1.433	1.452
	16	1.703	1.704	1.702	1.688	1.687	1.681	1.663	1.651	1.659	1.661	1.672	1.656
	17	1.796	1.790	1.779	1.761	1.771	1.771	1.780	1.780	1.786	1.798	1.803	1.807
	18	1.805	1.804	1.804	1.801	—	1.810	1.813	1.813	—	1.834	1.853	1.863
	19	5.906	1.896	1.891	1.880	1.856	1.847	1.852	1.856	1.874	1.882	1.896	1.899
	20	1.859	1.846	1.828	—	—	—	—	—	—	—	—	—
	21	—	—	—	1.801	1.836	1.863	1.884	1.910	1.945	1.971	2.040	2.074
	22	2.162	2.144	2.128	2.110	2.085	2.061	2.039	2.009	2.019	2.027	2.023	1.995
	23	1.750	1.737	1.728	1.723	1.745	1.743	1.751	1.768	1.788	1.800	1.833	1.831
	24	1.813	1.825	1.845	1.849	1.845	1.847	1.851	1.861	1.875	1.906	1.926	1.946
	25	1.850	1.845	1.823	1.803	1.799	1.787	779	1.771	1.779	1.785	1.799	1.800
	26	1.691	1.632	1.608	1.572	1.534	1.488	1.446	1.420	—	1.424	1.426	1.399
	27	1.386	1.418	1.450	—	—	—	1. —	—	—	—	—	—
	28	—	—	—	1.775	1.766	1.747	1.731	1.747	1.749	1.749	1.744	1.742
Hourly Means	1.8493	1.8423	1.8368	1.8442	1.8345	1.8304	1.8234	1.8179	1.8350	1.8422	1.8590	1.8606	

BAROMETRIC PRESSURE.												
Barometer at 32° = 28 English inches + the numbers in the Table.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
1.539	1.561	1.598	1.624	1.651	1.677	1.690	1.698	1.714	1.732	1.749	1.780	1.5436
—	—	—	—	—	—	—	—	—	—	—	—	1.6209
1.618	1.604	1.610	1.599	1.573	1.562	1.550	1.538	1.546	1.552	1.539	1.540	1.3842
1.299	1.303	1.329	1.321	1.323	1.338	1.360	1.379	1.401	1.456	1.492	1.510	1.6033
1.682	1.640	1.627	1.610	1.599	1.578	1.567	1.550	1.540	1.538	1.544	—	1.4325
1.427	1.373	1.361	1.331	1.294	1.292	1.297	1.313	1.324	1.320	1.306	1.314	1.3376
1.212	1.251	1.298	1.353	1.383	1.438	1.489	1.536	1.586	1.640	1.693	1.740	1.9065
1.997	1.978	1.974	1.957	1.942	1.937	1.906	1.889	1.880	1.879	1.887	1.900	1.8329
—	—	—	—	—	—	—	—	—	—	—	—	2.0292
1.838	1.837	1.869	1.887	1.896	1.900	1.927	1.937	1.947	1.988	2.018	2.035	1.6408
2.088	2.075	2.055	2.037	1.984	1.964	1.950	1.926	1.915	1.889	1.877	1.865	1.7946
1.610	1.581	1.545	1.510	1.466	1.475	1.514	1.542	1.553	1.567	1.587	1.611	1.9512
1.828	1.835	1.841	1.839	1.841	1.855	1.869	1.873	1.879	1.907	1.925	1.960	1.6804
2.007	1.999	1.981	1.959	1.933	1.921	1.916	1.894	1.890	1.881	1.882	1.901	1.6557
1.681	1.670	1.620	1.608	1.572	1.561	1.549	1.543	1.518	1.532	1.565	1.514	1.5209
—	—	—	—	—	—	—	—	—	—	—	—	1.5407
1.678	1.683	1.690	1.690	1.690	1.708	1.705	1.699	1.700	1.708	1.731	1.732	1.7547
1.566	1.538	1.524	1.483	1.443	1.404	1.366	1.324	1.293	1.276	1.268	1.263	1.6641
1.586	1.601	1.607	1.618	1.632	1.661	1.635	1.645	1.666	1.697	1.724	1.731	1.7824
1.790	1.778	1.767	1.751	1.747	1.741	1.729	1.725	1.725	1.749	1.745	1.743	1.6338
1.660	1.642	1.617	1.607	1.580	1.587	1.596	1.606	1.630	1.652	1.681	1.706	1.6897
1.841	1.847	1.833	1.830	1.825	1.816	1.816	1.797	1.787	1.769	1.795	1.798	1.5805
—	—	—	—	—	—	—	—	—	—	—	—	1.7441
1.636	1.614	1.618	1.602	1.592	1.590	1.590	1.591	1.597	1.612	1.642	1.659	1.7926
1.705	1.703	1.696	1.689	1.680	1.678	1.668	1.663	1.659	1.643	1.658	1.661	1.9342
1.560	1.560	1.555	1.570	1.568	1.580	1.582	1.578	1.588	1.600	1.600	1.630	1.8877
1.776	1.781	1.781	1.783	1.781	1.785	1.795	1.812	1.825	1.833	1.859	1.882	1.896
1.775	1.773	1.750	1.755	1.752	1.735	1.737	1.735	1.753	1.753	1.785	1.821	1.896
1.985	1.991	1.988	1.973	1.969	1.946	1.943	1.945	1.945	1.949	1.967	1.965	1.896
—	—	—	—	—	—	—	—	—	—	—	—	1.896
1.896	1.891	1.893	1.895	1.897	1.897	1.907	1.921	1.940	1.958	1.979	1.990	1.7031
1.7031	1.6965	1.6933	1.6877	1.6774	1.6779	1.6790	1.6792	1.6847	1.6954	1.7115	1.7320	1.6900
2.001	1.994	1.976	1.955	1.938	1.930	1.911	1.909	1.901	1.901	1.901	1.913	1.9683
1.844	1.839	1.821	1.799	1.778	1.768	1.763	1.757	1.754	1.757	1.769	1.783	1.8305
1.738	1.738	1.733	1.731	1.712	1.705	1.693	1.696	1.698	1.704	1.727	1.743	1.7305
1.769	1.772	1.782	1.776	1.776	1.782	1.780	1.782	1.786	1.801	1.826	1.842	1.7698
1.954	1.961	1.956	1.957	1.950	1.951	1.949	1.942	1.945	1.959	1.977	1.993	1.9202
—	—	—	—	—	—	—	—	—	—	—	—	2.0181
2.061	2.054	2.029	2.018	1.998	1.981	1.969	1.964	1.967	1.967	1.975	1.991	1.9407
1.976	1.966	1.951	1.941	1.929	1.907	1.899	1.896	1.889	1.895	1.904	1.903	1.8626
1.855	1.860	1.853	1.840	1.844	1.830	1.845	1.857	1.863	1.891	1.925	1.940	2.0617
2.100	2.110	2.093	2.085	2.087	2.079	2.083	2.087	2.087	2.110	2.127	2.155	2.1293
2.179	2.159	2.130	2.121	2.101	2.081	2.063	2.057	2.056	2.051	2.049	2.062	1.8348
1.872	1.834	1.801	1.768	1.745	1.709	1.681	1.648	1.653	1.662	1.671	1.685	1.7075
—	—	—	—	—	—	—	—	—	—	—	—	1.5149
1.764	1.761	1.749	1.723	1.705	1.674	1.648	1.642	1.634	1.624	1.612	1.602	1.6868
1.495	1.522	1.538	1.560	1.576	1.576	1.582	1.608	1.625	1.640	1.668	1.636	1.7750
1.673	1.658	1.675	1.675	1.677	1.677	1.671	1.685	1.712	1.731	1.747	1.775	1.8400
1.810	1.791	1.776	1.760	1.755	1.737	1.729	1.729	1.746	1.765	1.784	1.796	1.8660
1.858	1.861	1.854	1.851	1.848	1.837	1.836	1.841	1.851	1.867	1.879	1.898	2.0043
1.902	1.899	1.879	1.862	1.830	1.821	1.835	1.835	1.825	1.837	1.859	1.866	1.9380
—	—	—	—	—	—	—	—	—	—	—	—	1.7822
2.091	2.093	2.088	2.105	2.105	2.100	2.097	2.099	2.094	2.111	2.117	2.146	1.8739
1.985	1.962	1.913	1.864	1.827	1.776	1.743	1.713	1.710	1.723	1.742	1.751	1.7780
1.840	1.849	1.817	1.815	1.804	1.775	1.763	1.761	1.775	1.774	1.793	1.809	1.3786
1.933	1.930	1.937	1.914	1.883	1.867	1.863	1.859	1.854	1.843	1.848	1.853	1.6707
1.817	1.795	1.785	1.781	1.778	1.749	1.727	1.734	1.738	1.727	1.713	1.708	1.8585
1.351	1.331	1.282	1.223	1.189	1.146	1.170	1.206	1.232	1.268	1.314	1.357	1.8530
—	—	—	—	—	—	—	—	—	—	—	—	1.8383
1.737	1.732	1.702	1.699	1.685	1.680	1.664	1.648	1.639	1.632	1.637	1.638	1.8260
1.8585	1.8530	1.8383	1.8260	1.8133	1.7974	1.7902	1.7898	1.7931	1.8017	1.8152	1.8290	1.8284

BAROMETRIC PRESSURE.													
Barometer at 32° = 28 English inches + the numbers in the Table.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
MARCH.	1	1.625	1.599	1.570	1.536	1.508	1.484	1.458	1.432	1.457	1.483	1.504	1.549
	2	1.815	1.824	1.834	1.852	—	1.849	1.846	1.842	1.837	1.848	1.873	1.892
	3	1.799	1.793	1.788	1.782	1.771	1.762	1.758	1.760	1.758	1.758	1.777	1.773
	4	1.675	1.673	1.673	1.663	1.649	1.622	1.611	1.609	1.621	1.637	1.643	1.633
	5	1.498	1.482	1.454	1.432	1.404	1.382	1.361	1.335	1.293	1.277	1.256	1.230
	6	1.368	1.383	1.383	—	—	—	—	—	—	—	—	—
	7	—	—	—	1.771	1.767	1.765	1.761	1.781	1.799	1.815	1.844	1.868
	8	1.988	1.987	1.987	1.981	1.979	1.975	1.974	1.968	1.970	1.976	1.988	1.988
	9	1.838	1.841	1.835	1.825	1.815	1.809	1.801	1.797	1.800	1.814	1.828	1.834
	10	1.773	1.749	1.730	1.706	1.678	1.646	1.627	1.605	—	1.569	1.566	1.548
	11	1.128	1.078	1.013	0.991	0.933	0.927	0.917	0.922	0.934	0.959	0.981	0.996
	12	1.351	1.363	1.380	1.395	1.379	1.387	1.396	1.402	1.408	1.404	1.405	1.393
	13	1.386	1.382	1.382	—	—	—	—	—	—	—	—	—
	14	—	—	—	1.700	1.706	1.717	1.739	1.763	1.786	1.814	1.843	1.856
	15	1.892	1.898	1.892	1.885	1.885	1.885	1.877	1.889	1.907	1.916	1.924	1.925
	16	1.739	1.695	1.672	1.646	1.659	1.642	1.633	1.682	1.716	1.748	1.787	1.830
	17	2.026	2.027	2.026	2.030	2.028	2.025	2.015	2.023	2.026	2.026	2.036	2.032
	18	2.062	2.076	2.066	2.070	2.073	2.073	2.073	2.079	2.078	2.092	2.112	2.132
	19	2.211	2.222	2.220	2.222	2.213	2.203	2.203	2.203	2.207	2.221	2.231	2.236
	20	2.131	2.121	2.120	—	—	—	—	—	—	—	—	—
	21	—	—	—	1.674	1.658	1.636	1.610	1.592	1.556	1.552	1.544	1.530
	22	1.616	1.635	1.645	1.651	1.687	1.699	1.720	1.754	1.797	1.805	1.824	1.857
	23	1.949	1.989	1.998	2.006	2.008	2.006	2.003	2.008	2.020	2.028	2.048	2.054
	24	2.014	2.014	2.009	1.999	2.003	1.995	1.984	1.982	1.988	2.000	2.006	2.014
	25	1.964	1.964	1.945	1.933	1.920	1.898	1.872	1.876	1.870	1.862	1.854	1.858
	26	1.662	1.650	1.626	1.596	—	1.549	1.525	1.511	1.497	1.493	1.487	1.483
	27	1.437	1.437	1.435	—	—	—	—	—	—	—	—	—
	28	—	—	—	1.700	1.704	1.702	1.704	1.704	1.716	1.728	1.804	1.764
	29	1.719	1.708	1.671	1.678	—	1.701	1.713	1.755	1.774	1.791	1.863	1.889
	30	2.126	2.126	2.120	2.126	2.129	2.133	2.136	2.134	2.134	2.152	2.166	2.177
	31	2.183	2.171	2.156	2.149	2.135	2.118	2.110	2.104	2.109	2.112	2.114	2.107
Hourly Means	1.7769	1.7736	1.7648	1.7777	1.7788	1.7626	1.7566	1.7597	1.7715	1.7733	1.7892	1.7944	
APRIL.	1	1.973	1.966	1.942	a—	—	—	—	—	—	—	—	
	2	—	—	—	1.965	1.965	1.955	1.947	1.939	1.948	1.948	1.952	1.957
	3	1.862	1.851	1.825	—	—	—	—	—	—	—	—	—
	4	—	—	—	2.120	2.119	2.119	2.127	2.125	2.127	2.133	2.153	2.163
	5	2.028	2.018	1.997	1.974	1.970	1.960	1.943	1.937	1.922	1.914	1.906	1.906
	6	1.785	1.799	1.796	1.785	1.787	1.784	1.784	1.764	1.778	1.786	1.792	1.801
	7	1.775	1.763	1.759	1.743	1.721	1.691	1.669	1.657	1.643	1.635	1.623	1.610
	8	1.286	1.290	1.307	1.346	1.398	1.442	1.474	1.484	1.527	1.539	1.581	1.601
	9	1.857	1.892	1.930	1.942	1.980	2.001	2.022	2.044	2.073	2.092	2.111	2.153
	10	2.223	2.218	2.212	—	—	—	—	—	—	—	—	—
	11	—	—	—	1.871	1.844	1.814	1.784	1.762	1.739	1.723	1.707	1.697
	12	1.628	1.635	1.625	1.628	1.616	1.607	1.591	1.592	1.602	1.608	1.598	1.599
	13	1.546	1.558	1.561	1.563	1.573	1.577	1.577	1.577	1.605	1.625	1.629	1.655
	14	1.873	1.890	1.896	1.898	1.916	1.932	1.926	1.932	1.936	1.984	2.018	2.058
	15	2.225	2.243	2.250	2.252	2.252	2.252	—	—	—	2.281	2.297	2.312
	16	2.265	2.255	2.240	2.220	2.204	2.189	2.181	2.172	2.176	2.172	2.176	2.180
	17	2.030	2.008	1.987	—	—	—	—	—	—	—	—	—
	18	—	—	—	1.326	1.267	1.217	1.178	1.106	1.089	1.065	1.091	1.085
	19	1.628	1.658	1.670	1.685	1.703	1.719	1.725	1.745	1.770	1.778	1.810	1.832
	20	2.040	2.046	2.052	2.060	2.072	2.072	2.082	2.085	2.077	2.071	2.105	2.122
	21	2.124	2.127	2.120	2.120	2.122	2.128	2.126	2.132	2.149	2.161	2.172	2.174
	22	2.098	2.101	2.090	2.068	2.052	2.035	2.008	1.997	1.990	1.986	1.982	1.986
	23	1.712	1.685	1.661	1.595	1.580	1.556	1.508	1.468	1.456	1.442	1.425	1.417
	24	1.133	1.113	1.079	—	—	—	—	—	—	—	—	—
	25	—	—	—	1.307	1.293	1.279	1.267	1.243	1.243	1.219	1.208	1.239
	26	1.383	1.422	1.453	1.493	1.514	1.546	1.570	1.590	1.619	1.633	1.684	1.709
	27	1.986	1.998	1.998	1.998	2.002	2.002	2.006	2.012	2.031	2.047	2.057	2.079
	28	2.092	2.092	2.090	2.089	2.080	2.074	2.066	2.058	2.065	2.071	2.075	2.093
	29	2.023	2.020	2.008	1.999	—	1.984	1.973	1.962	1.966	1.969	1.971	1.970
	30	1.803	1.790	1.765	1.754	—	—	—	—	—	—	1.586	1.581
Hourly Means	1.8551	1.8575	1.8525	1.8320	1.8274	1.8306	1.8058	1.8183	1.8057	1.8284	1.8284	1.8392	

* Good Friday.

BAROMETRIC PRESSURE.												Daily and Monthly Means.
Barometer at 32° = 28 English inches + the numbers in the Table.												
12	13	14	15	16	17	18	19	20	21	22	23	
21	22	23	0	1	2	3	4	5	6	7	8	
1.581	1.589	1.609	1.638	1.656	1.672	1.694	1.710	1.735	1.750	1.775	1.800	1.6006
1.894	1.853	1.844	1.819	1.812	1.782	1.769	1.781	1.786	1.789	1.796	1.807	1.8280
1.778	1.765	1.741	1.715	1.699	1.678	1.664	1.658	1.659	1.661	1.675	1.692	1.7360
1.606	1.610	1.594	1.586	1.560	1.542	1.528	1.516	1.494	1.494	1.495	1.517	1.5938
1.226	1.244	1.220	1.204	1.204	1.227	1.247	1.250	1.273	1.285	1.301	1.344	1.3095
—	—	—	—	—	—	—	—	—	—	—	—	—
1.875	1.883	1.881	1.882	1.879	1.874	1.871	1.880	1.891	1.923	1.959	1.977	1.7950
1.989	1.968	1.917	1.894	1.869	1.853	1.827	1.819	1.811	1.815	1.818	1.833	1.9239
1.845	1.834	1.819	1.803	1.797	1.779	1.773	1.771	1.769	1.772	1.769	1.781	1.8062
1.526	1.482	1.433	1.377	1.329	1.290	1.245	1.199	1.177	1.166	1.173	1.168	1.4679
1.025	1.042	1.076	1.101	1.124	1.144	1.165	1.198	1.237	1.265	1.306	1.329	1.0746
1.395	1.388	1.383	1.380	1.382	1.354	1.342	1.342	1.348	1.340	1.350	1.380	1.3770
—	—	—	—	—	—	—	—	—	—	—	—	—
1.873	1.875	1.882	1.881	1.877	1.873	1.870	1.871	1.867	1.876	1.882	1.890	1.7746
1.925	1.908	1.873	1.844	1.820	1.801	1.783	1.759	1.753	1.763	1.771	1.758	1.8555
1.871	1.877	1.885	1.891	1.899	1.915	1.937	1.951	1.967	1.978	2.002	2.017	1.8183
2.035	2.028	2.023	2.023	2.017	2.007	2.008	2.001	2.017	2.028	2.048	2.052	2.0253
2.141	2.141	2.137	2.133	2.125	2.126	2.134	2.145	2.157	2.169	2.191	2.205	2.1162
2.240	2.234	2.220	2.199	2.180	2.165	2.162	2.151	2.150	2.143	2.143	2.144	2.1968
—	—	—	—	—	—	—	—	—	—	—	—	—
1.530	1.543	1.508	1.512	1.488	1.476	1.488	1.505	1.512	1.545	1.562	1.589	1.6242
1.867	1.878	1.874	1.873	1.870	1.869	1.876	1.885	1.899	1.927	1.946	1.964	1.8091
2.061	2.053	2.030	2.017	1.997	1.977	1.971	1.975	1.985	1.986	2.001	2.010	2.0075
2.015	2.008	1.998	1.985	1.965	1.953	1.943	1.949	1.950	1.961	1.968	1.976	1.9866
1.845	1.829	1.792	1.772	1.747	1.727	1.705	1.689	1.683	1.685	1.681	1.680	1.8188
1.462	1.456	1.442	1.424	1.408	1.400	1.392	1.388	1.398	1.412	1.428	1.438	1.4838
—	—	—	—	—	—	—	—	—	—	—	—	—
1.759	1.751	1.746	1.735	1.706	1.696	1.696	1.696	1.703	1.717	1.724	1.723	1.6870
1.921	1.935	1.951	1.974	1.976	1.990	2.008	2.028	2.048	2.066	2.096	2.110	1.8863
2.188	2.191	2.182	2.177	2.169	2.165	2.157	2.159	2.156	2.163	2.179	2.189	2.1556
2.100	2.090	2.079	2.050	2.018	1.995	1.977	1.970	1.981	1.987	1.982	1.980	2.0740
1.7990	1.7946	1.7829	1.7737	1.7620	1.7530	1.7493	1.7499	1.7558	1.7654	1.7786	1.7909	1.7722
—	—	—	—	—	—	—	—	—	—	—	—	—
1.950	1.935	1.918	1.897	1.872	1.859	1.837	1.825	1.818	1.834	1.840	1.853	1.9132
—	—	—	—	—	—	—	—	—	—	—	—	—
2.160	2.149	2.133	2.112	2.084	2.063	2.047	2.031	2.033	2.032	2.040	2.039	2.0686
1.901	1.882	1.853	1.842	1.819	1.809	1.799	1.789	1.785	1.787	1.797	1.785	1.8885
1.802	1.784	1.765	1.757	1.724	1.726	1.728	1.740	1.751	1.763	1.774	1.777	1.7722
1.600	1.552	1.506	1.448	1.403	1.362	1.335	1.324	1.316	1.335	1.285	1.280	1.5419
1.629	1.624	1.624	1.618	1.620	1.616	1.610	1.644	1.690	1.752	1.789	1.834	1.5552
2.153	2.149	2.168	2.165	2.157	2.151	2.151	2.147	2.162	2.169	2.201	2.213	2.0868
—	—	—	—	—	—	—	—	—	—	—	—	—
1.679	1.660	1.640	1.617	1.580	1.586	1.578	1.568	1.567	1.582	1.586	1.606	1.7435
1.577	1.563	1.555	1.531	1.517	1.501	1.491	1.488	1.500	1.518	1.530	1.546	1.5686
1.674	1.689	1.697	1.707	1.705	1.715	1.733	1.754	1.778	1.802	1.833	1.857	1.6662
2.068	2.074	2.092	2.095	2.088	2.094	2.114	2.118	2.134	2.157	2.178	2.208	2.0283
2.323	2.313	2.311	2.293	2.270	2.263	2.253	2.245	2.247	2.261	2.261	2.264	2.2693
2.177	2.170	2.148	2.129	2.094	2.084	2.059	2.047	2.051	2.045	2.040	2.041	2.1465
—	—	—	—	—	—	—	—	—	—	—	—	—
1.069	1.151	1.162	1.195	1.243	1.278	1.343	1.381	1.448	1.509	1.541	1.579	1.3478
1.871	1.880	1.893	1.898	1.894	1.898	1.906	1.929	1.946	1.985	2.010	2.022	1.8273
2.128	2.106	2.101	2.092	2.066	2.054	2.063	2.075	2.081	2.096	2.101	2.110	2.0815
2.174	2.159	2.166	2.140	2.120	2.118	2.104	2.099	2.100	2.106	2.109	2.094	2.1310
1.976	1.952	1.928	1.908	1.855	1.825	1.803	1.778	1.765	1.763	1.758	1.744	1.9353
1.386	1.357	1.323	1.270	1.238	1.197	1.190	1.178	1.159	1.177	1.171	1.147	1.3874
—	—	—	—	—	—	—	—	—	—	—	—	—
1.203	1.194	1.183	1.198	1.201	1.214	1.215	1.245	1.279	1.315	1.337	1.367	1.2322
1.734	1.755	1.766	1.771	1.792	1.803	1.832	1.858	1.879	1.904	1.944	1.968	1.6926
2.106	2.114	2.101	2.086	2.068	2.060	2.062	2.057	2.058	2.062	2.084	2.088	2.0484
2.105	2.084	2.076	2.053	2.032	2.018	2.006	1.998	1.998	1.999	2.008	2.008	2.0554
1.967	1.938	1.920	1.882	1.845	1.832	1.820	1.812	1.808	1.816	1.804	1.807	1.9172
1.557	1.519	1.470	1.407	1.345	1.298	1.264	1.288	1.321	1.389	1.416	1.447	1.5000
1.8381	1.8301	1.8200	1.8044	1.7853	1.7770	1.7737	1.7767	1.7870	1.8051	1.8175	1.8274	1.8177

BAROMETRIC PRESSURE.													
Barometer at 32° = 28 English inches + the numbers in the Table.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
MAY.	1	1.473	1.530	1.543	—	—	—	—	—	—	—	—	
	2	—	—	—	1.616	1.614	1.613	1.610	1.598	1.584	1.576	1.572	
	3	1.373	1.359	1.333	1.297	1.251	1.223	1.197	1.179	1.187	1.195	1.195	
	4	1.265	1.247	1.235	1.999	—	1.134	1.094	1.064	1.074	1.063	1.063	1.063
	5	1.265	1.269	1.300	1.335	1.342	1.362	1.395	1.419	1.440	1.458	1.542	1.538
	6	1.816	1.818	1.818	1.800	1.795	1.776	1.744	1.744	1.738	1.723	1.727	1.718
	7	1.724	1.745	1.743	1.759	1.772	1.788	1.804	1.824	1.846	1.853	1.868	1.884
	8	1.566	1.531	1.483	—	—	—	—	—	—	—	—	—
	9	—	—	—	1.119	1.113	1.169	1.211	1.247	1.288	1.314	1.360	1.406
	10	1.700	1.702	1.693	1.689	1.696	1.690	1.676	1.662	1.628	1.630	1.652	1.642
	11	1.596	1.613	1.613	1.632	—	1.635	1.625	1.628	1.622	1.614	1.614	1.615
	12	1.474	1.462	1.449	1.441	1.421	1.436	1.434	1.433	1.461	1.493	1.509	1.550
	13	1.860	1.888	1.902	1.922	—	1.962	1.978	1.986	2.019	2.023	2.052	2.079
	14	2.232	2.242	2.248	2.243	—	2.252	2.262	2.276	2.288	2.296	2.316	2.338
	15	2.360	2.352	2.351	—	—	—	—	—	—	—	—	—
	16	—	—	—	2.330	2.315	2.302	2.297	2.289	2.283	2.287	2.297	2.305
	17	2.144	2.134	2.102	2.106	2.097	2.090	2.084	2.071	2.060	2.054	2.048	2.042
	18	1.796	1.786	1.760	1.738	1.701	1.683	1.659	1.629	—	1.614	1.600	1.599
	19	1.747	1.746	1.738	1.739	1.736	1.729	1.725	1.720	1.702	1.698	1.696	1.699
	20	1.544	1.520	1.496	1.461	1.431	1.403	1.367	1.347	1.351	1.355	1.364	1.362
	21	1.492	1.503	1.521	1.542	1.553	1.581	1.594	1.617	1.658	1.698	1.720	1.751
	22	1.961	1.967	1.977	—	—	—	—	—	—	—	—	—
	23	—	—	—	2.093	2.118	2.138	2.144	2.158	2.195	2.221	2.242	2.258
	24	2.337	2.335	2.338	2.332	2.333	2.333	2.330	2.307	2.301	2.318	2.338	2.352
	25	2.372	2.378	2.373	2.368	2.368	2.368	2.362	2.359	2.356	2.348	2.352	2.362
	26	2.376	2.376	2.376	2.374	2.369	2.369	2.369	2.374	2.389	2.399	2.418	2.420
	27	2.451	2.451	2.455	2.462	—	2.455	2.447	2.439	2.460	2.460	2.459	2.461
	28	2.394	2.389	2.389	2.385	2.373	2.355	2.351	2.347	2.347	2.347	2.355	2.361
	29	2.268	2.254	2.244	—	—	—	—	—	—	—	—	—
	30	—	—	—	2.113	2.086	2.080	2.064	2.040	2.025	2.013	2.013	1.998
	31	1.708	1.691	1.664	1.630	1.608	1.594	1.572	1.545	1.530	1.526	1.520	1.512
Hourly Means	1.8575	1.8572	1.8517	1.8356	1.8139	1.8277	1.8229	1.8193	1.8333	1.8298	1.8420	1.8492	
JUNE.	1	1.431	1.425	1.426	1.424	1.424	1.424	1.428	1.428	1.448	1.450	1.463	
	2	1.614	1.628	1.634	1.636	1.636	1.644	1.651	1.657	1.661	1.663	1.676	
	3	1.642	1.638	1.632	1.604	1.601	1.589	1.577	1.563	1.560	1.554	1.550	
	4	1.433	1.427	1.427	1.427	1.427	1.427	1.427	1.427	1.422	1.418	1.428	
	5	1.464	1.467	1.481	—	—	—	—	—	—	—	—	
	6	—	—	—	1.760	1.768	1.780	1.784	1.807	1.820	1.832	1.853	
	7	1.898	1.889	1.897	1.893	—	1.914	1.894	1.898	1.880	1.882	1.882	
	8	1.898	1.896	1.904	1.886	1.885	1.891	1.890	1.892	—	1.909	1.917	
	9	2.000	2.006	2.006	2.012	2.022	2.032	2.034	2.038	2.046	2.054	2.066	
	10	2.141	2.143	2.141	2.133	2.130	2.130	2.130	2.130	2.132	2.136	2.136	
	11	2.112	2.102	2.098	2.094	2.083	2.080	2.070	2.073	2.076	2.082	2.091	
	12	2.078	2.082	2.084	—	—	—	—	—	—	—	—	
	13	—	—	—	1.804	1.766	1.750	1.724	1.690	1.658	1.648	1.629	
	14	1.338	1.324	1.314	1.299	1.278	1.247	1.215	1.208	—	1.193	1.197	
	15	1.310	1.312	1.324	1.322	1.316	1.328	1.342	1.350	1.376	1.426	1.459	
	16	1.507	1.488	1.460	1.444	1.412	1.372	1.353	1.295	1.240	1.220	1.180	
	17	1.458	1.494	1.508	1.518	1.522	1.536	1.540	1.534	1.537	1.535	1.535	
	18	1.392	1.404	1.417	1.422	1.426	1.439	1.436	1.433	1.436	1.440	1.454	
	19	1.327	1.299	1.269	—	—	—	—	—	—	—	—	
	20	—	—	—	0.864	0.890	0.916	0.951	0.985	1.030	1.062	1.092	
	21	1.450	1.466	1.476	1.489	—	1.512	1.528	1.540	1.570	1.590	1.618	
	22	1.722	1.742	1.752	1.764	1.780	1.792	1.800	1.806	1.827	1.850	1.876	
	23	1.932	1.933	1.934	1.930	—	1.914	1.905	1.899	1.899	1.904	1.906	
	24	1.844	1.843	1.842	1.824	1.830	1.819	1.807	1.798	1.796	1.800	1.800	
	25	1.928	1.943	1.954	1.947	1.960	1.978	1.983	1.983	1.987	1.999	2.011	
	26	1.994	1.982	1.969	—	—	—	—	—	—	—	—	
	27	—	—	—	1.678	1.670	1.659	1.643	1.623	1.619	1.623	1.625	
	28	1.517	1.523	1.520	1.515	1.519	1.517	1.512	1.506	1.504	1.524	1.536	
	29	1.532	1.539	1.539	1.535	1.531	1.528	1.520	1.516	1.521	1.523	1.521	
	30	1.379	1.380	1.374	1.363	1.347	1.345	1.336	1.328	—	1.331	1.330	
	Hourly Means	1.6670	1.6683	1.6685	1.6380	1.6184	1.6370	1.6338	1.6310	1.6541	1.6403	1.6473	

BAROMETRIC PRESSURE.														
Barometer at 32° = 28 English inches + the numbers in the Table.														
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.		
21	22	23	0	1	2	3	4	5	6	7	8			
—	—	—	—	—	—	—	—	—	—	—	—	} 1.4977		
1.521	1.486	1.461	1.438	1.402	1.387	1.399	1.401	1.385	1.388	1.395	1.393			
1.230	1.232	1.236	1.220	1.235	1.249	1.281	1.290	1.297	1.297	1.283	1.277		1.2551	
1.057	1.092	1.106	1.113	1.091	1.077	1.115	1.137	1.172	1.183	1.180	1.212		1.1320	
1.544	1.560	1.581	1.604	1.623	1.641	1.659	1.683	1.702	1.754	1.789	1.800		1.5252	
1.708	1.682	1.667	1.656	1.621	1.620	1.618	1.626	1.644	1.665	1.694	1.716		1.7139	
1.877	1.862	1.853	1.812	1.785	1.756	1.726	1.710	1.690	1.668	1.650	1.614		1.7755	
—	—	—	—	—	—	—	—	—	—	—	—		} 1.4318	
1.432	1.450	1.475	1.472	1.501	1.523	1.545	1.567	1.604	1.634	1.669	1.684			
1.607	1.568	1.523	1.503	1.500	1.491	1.489	1.489	1.517	1.537	1.576	1.588			1.6021
1.606	1.601	1.595	1.568	1.541	1.539	1.510	1.500	1.500	1.503	1.504	1.496			1.5770
1.586	1.610	1.628	1.627	1.637	1.653	1.669	1.698	1.734	1.771	1.806	1.835			1.5757
2.112	2.118	2.122	2.109	2.108	2.112	2.124	2.147	2.166	2.183	2.198	2.208	2.0599		
2.345	2.353	2.348	2.329	2.323	2.320	2.321	2.324	2.325	2.333	2.345	2.353	2.3049		
—	—	—	—	—	—	—	—	—	—	—	—	} 2.2633		
2.309	2.304	2.278	2.261	2.223	2.204	2.180	2.168	2.160	2.157	2.150	2.147			
2.029	2.010	1.980	1.930	1.894	1.870	1.849	1.832	1.822	1.821	1.810	1.805			1.9868
1.606	1.628	1.630	1.651	1.628	1.639	1.651	1.665	1.679	1.704	1.711	1.736			1.6736
1.697	1.698	1.680	1.646	1.619	1.610	1.596	1.583	1.580	1.577	1.574	1.561			1.6705
1.362	1.357	1.338	1.323	1.320	1.339	1.367	1.391	1.427	1.456	1.467	1.482		1.4012	
1.788	1.812	1.829	1.837	1.841	1.860	1.883	1.910	1.918	1.938	1.943	1.951		1.7392	
—	—	—	—	—	—	—	—	—	—	—	—		} 2.2080	
2.284	2.309	2.289	2.269	2.279	2.257	2.289	2.292	2.296	2.303	2.320	2.332			
2.370	2.358	2.358	2.341	2.329	2.319	2.323	2.332	2.343	2.355	—	2.367			2.3369
2.380	2.374	2.371	2.357	2.341	2.328	2.340	2.339	2.347	2.356	2.358	2.366			2.3593
2.424	2.431	2.422	2.415	2.402	2.396	2.400	2.400	2.407	2.429	2.441	2.445			2.4009
2.467	2.460	2.451	2.436	2.405	2.392	2.380	2.377	2.383	2.386	2.388	2.387	2.4310		
2.357	2.352	2.340	2.318	2.288	2.275	2.263	2.251	2.247	2.257	2.258	2.263	2.3276		
—	—	—	—	—	—	—	—	—	—	—	—	} 1.9667		
1.978	1.964	1.925	1.892	1.843	1.816	1.796	1.780	1.774	1.766	1.750	1.718			
1.496	1.492	1.464	1.435	1.426	1.405	1.405	1.404	1.411	1.412	1.408	1.421			1.5116
1.8528	1.8524	1.8442	1.8293	1.8160	1.8107	1.8145	1.8191	1.8281	1.8397	1.8267	1.8522			1.8346
1.491	1.508	1.504	1.495	1.493	1.497	1.511	1.522	1.541	1.555	1.572	1.586			1.4801
1.704	1.704	1.690	1.673	1.649	1.651	1.650	1.643	1.644	1.642	1.643	1.644		1.6553	
1.526	1.518	1.491	1.476	1.453	1.439	1.438	1.432	1.434	1.428	1.430	1.430		1.5225	
1.438	1.443	1.430	1.416	1.411	1.413	1.414	1.433	1.429	1.442	1.452	1.464		1.4294	
—	—	—	—	—	—	—	—	—	—	—	—		} 1.8005	
1.884	1.892	1.882	1.876	1.863	1.859	1.860	1.862	1.876	1.884	1.893	1.895			
1.889	1.892	1.883	1.866	1.853	1.850	1.850	1.852	1.853	1.870	1.878	1.887			1.8797
1.939	1.940	1.938	1.922	1.915	1.909	1.919	1.926	1.931	1.946	1.966	1.981			1.9189
2.104	2.118	2.108	2.093	2.082	2.081	2.089	2.097	2.106	2.116	2.126	2.137	2.0691		
2.160	2.153	2.140	2.124	2.102	2.094	2.085	2.086	2.088	2.090	2.103	2.103	2.1232		
2.114	2.109	2.102	2.079	2.062	2.049	2.041	2.041	2.045	2.058	2.066	2.076	2.0794		
—	—	—	—	—	—	—	—	—	—	—	—	} 1.6154		
1.586	1.575	1.530	1.490	1.453	1.415	1.387	1.390	1.363	1.355	1.356	1.346			
1.211	1.221	1.229	1.214	1.219	1.221	1.234	1.257	1.274	1.292	1.300	1.300			1.2516
1.494	1.505	1.502	1.502	1.490	1.480	1.500	1.515	1.510	1.520	1.517	1.518			1.4332
1.157	1.158	1.177	1.188	1.222	1.254	1.283	1.323	1.348	—	1.414	1.434			1.3088
1.498	1.500	1.469	1.436	1.388	1.370	1.366	1.356	1.349	1.353	1.360	1.380		1.4610	
1.457	1.455	1.442	1.411	1.388	1.382	1.362	1.363	1.363	1.367	1.354	1.346		1.4110	
—	—	—	—	—	—	—	—	—	—	—	—		} 1.1842	
1.188	1.208	1.218	1.249	1.257	1.279	1.291	1.328	1.360	1.386	1.410	1.435			
1.633	1.650	1.645	1.634	1.622	1.632	1.634	1.658	1.665	1.675	1.690	1.704			1.5955
1.910	1.916	1.907	1.896	1.895	1.884	1.889	1.895	1.906	1.905	1.922	1.926			1.8523
1.910	1.918	1.898	1.877	1.852	1.832	1.832	1.842	1.845	1.850	1.853	1.846			1.8879
1.809	1.809	1.790	1.776	1.761	1.774	1.806	1.816	1.845	1.868	1.890	1.905	1.8188		
2.035	2.040	2.032	2.018	1.998	2.004	1.989	1.980	1.989	1.994	2.000	1.999	1.9908		
—	—	—	—	—	—	—	—	—	—	—	—	} 1.6339		
1.619	1.616	1.594	1.563	1.542	1.524	1.516	1.506	1.509	1.503	1.507	1.507			
1.548	1.550	1.536	1.522	1.514	1.506	1.506	1.507	1.509	1.524	1.521	1.528			1.5211
1.525	1.524	1.497	1.472	1.440	1.406	1.393	1.391	1.388	1.385	1.388	1.388			1.4803
1.347	1.350	1.339	1.322	1.314	1.306	1.310	1.317	1.322	1.329	1.337	1.344			1.3383
1.6606	1.6643	1.6528	1.6381	1.6247	1.6197	1.6213	1.6284	1.6343	1.6535	1.6518	1.6580		1.6444	

BAROMETRIC PRESSURE.													
Barometer at 32° = 28 English inches + the numbers in the Table.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
JULY.	1	1.344	1.338	1.338	1.336	1.336	1.342	1.346	1.362	1.372	1.400	1.410	1.434
	2	1.676	1.702	1.740	1.742	1.738	1.752	1.760	1.770	—	1.809	1.823	1.842
	3	1.970	1.973	1.976	—	—	—	—	—	—	—	—	—
	4	—	—	—	1.931	1.938	1.938	1.940	1.938	1.956	1.970	1.980	1.990
	5	1.965	1.975	1.965	1.951	1.966	1.968	1.963	1.978	1.984	1.994	1.996	2.013
	6	2.050	2.048	2.049	2.038	2.030	2.026	2.015	2.003	2.004	2.006	2.006	2.009
	7	1.848	1.833	1.825	1.822	1.804	1.790	1.770	1.754	1.740	1.754	1.750	1.740
	8	1.594	1.582	1.573	1.557	1.527	1.518	1.500	1.490	1.490	1.486	1.486	1.492
	9	1.479	1.482	1.488	1.483	—	1.481	1.475	1.471	1.478	1.490	1.503	1.517
	10	1.629	1.637	1.642	—	—	—	—	—	—	—	—	—
	11	—	—	—	1.782	1.786	1.802	1.802	1.806	—	—	—	1.886
	12	1.936	1.941	1.945	1.944	1.944	1.944	1.949	1.943	—	1.962	1.977	1.977
	13	1.899	1.897	1.893	1.882	1.871	1.862	1.858	1.852	1.854	1.852	1.850	1.854
	14	1.721	1.721	1.705	1.687	1.669	1.653	1.637	1.621	1.622	1.618	1.618	1.620
	15	1.582	1.596	1.608	1.596	1.599	1.608	1.614	1.622	1.616	1.624	1.632	1.640
	16	1.535	1.550	1.556	1.560	1.564	1.566	1.572	1.578	1.582	1.592	1.596	1.596
	17	1.430	1.442	1.453	—	—	—	—	—	—	—	—	—
	18	—	—	—	1.177	1.157	1.149	1.124	1.100	1.088	1.074	1.062	1.055
	19	0.915	0.911	0.907	0.913	0.913	0.911	0.911	0.915	0.933	0.947	0.963	0.971
	20	1.147	1.153	1.150	1.148	1.125	1.107	1.100	1.101	1.094	1.086	1.078	1.063
	21	1.122	1.131	1.145	1.143	1.143	1.139	1.121	1.111	1.105	1.094	1.068	1.043
	22	0.558	0.550	0.548	0.552	0.542	0.548	0.538	0.546	0.546	0.547	0.547	0.552
	23	0.697	0.720	0.726	0.729	0.732	0.744	0.762	0.772	0.780	0.796	0.831	0.865
	24	0.948	0.936	0.923	—	—	—	—	—	—	—	—	—
	25	—	—	—	1.514	1.530	1.537	1.539	1.539	1.556	1.552	1.548	1.551
	26	0.978	0.916	0.868	0.834	0.806	0.793	0.816	0.857	0.905	0.953	1.106	1.184
	27	1.428	1.436	1.438	1.448	1.446	1.450	1.447	1.441	1.450	1.454	1.456	1.454
	28	1.368	1.391	1.398	1.408	1.406	1.430	1.446	1.449	1.457	1.474	1.484	1.500
	29	1.592	1.598	1.614	1.622	1.640	1.660	1.672	1.692	—	1.729	1.754	1.799
	30	1.959	1.964	1.964	1.969	1.974	1.978	1.980	1.979	2.015	2.009	2.001	2.013
Hourly Means	2.5912	2.5932	2.5937	1.4911	1.4874	1.4883	1.4868	1.4881	1.4376	1.4909	1.5010	1.5254	
AUGUST.	July 31	1.994	1.996	1.985	—	—	—	—	—	—	—	—	
	1	—	—	—	1.655	1.639	1.627	1.608	1.594	1.594	1.593	1.585	1.595
	2	1.579	1.587	1.593	1.589	1.605	1.599	1.607	1.615	1.630	1.638	1.672	1.698
	3	1.786	1.788	1.782	1.776	1.771	1.766	1.762	1.758	1.764	1.772	1.778	1.780
	4	1.709	1.693	1.689	1.688	1.669	1.662	1.656	1.646	1.653	1.653	1.666	1.674
	5	1.705	1.708	1.707	1.707	1.697	1.696	1.692	1.692	—	1.676	1.682	1.670
	6	1.406	1.400	1.410	1.426	1.430	1.430	1.444	1.448	1.466	1.477	1.501	1.497
	7	1.639	1.652	1.658	—	—	—	—	—	—	—	—	—
	8	—	—	—	—	1.248	1.249	1.248	1.250	1.247	1.247	1.250	1.255
	9	1.330	1.339	1.374	1.400	1.420	1.428	1.444	1.475	1.499	1.531	1.551	1.575
	10	1.711	1.711	1.701	1.715	—	1.718	1.727	1.741	1.743	1.742	1.758	1.768
	11	1.752	1.758	1.752	1.733	—	1.680	1.660	1.638	1.616	1.610	1.660	1.716
	12	1.912	1.918	1.931	1.942	1.929	1.912	1.898	1.888	—	1.860	1.858	1.860
	13	1.609	1.597	1.553	1.547	1.537	1.566	1.575	1.601	—	1.623	1.627	1.638
	14	1.742	1.758	1.756	—	—	—	—	—	—	—	—	—
	15	—	—	—	1.894	1.894	1.888	1.874	1.854	1.862	1.870	1.886	1.886
	16	1.992	1.991	1.998	1.992	2.012	2.002	1.982	1.973	1.969	1.963	1.960	1.966
	17	1.773	1.764	1.748	1.722	—	1.684	1.662	1.645	1.634	1.622	1.614	1.607
	18	1.845	1.862	1.896	1.918	1.926	1.938	1.950	1.960	1.978	1.990	2.008	2.030
	19	1.839	1.823	1.796	1.778	1.734	1.690	1.644	1.617	1.584	1.546	1.524	1.456
	20	1.396	1.431	1.455	1.475	1.487	1.499	1.513	1.525	—	1.562	1.566	1.573
	21	1.764	1.784	1.812	—	—	—	—	—	—	—	—	—
	22	—	—	—	1.990	1.978	1.966	1.948	1.940	1.945	1.945	1.947	1.948
	23	1.976	1.981	1.984	1.986	1.993	1.997	2.002	2.004	2.025	2.037	2.065	2.085
	24	2.133	2.128	2.126	2.123	2.130	2.130	2.130	2.131	2.155	2.173	2.197	2.218
	25	2.264	2.270	2.259	2.246	2.244	2.240	2.217	2.209	2.213	2.217	2.199	2.215
	26	2.056	2.067	2.061	2.067	—	2.063	2.059	2.062	2.070	2.078	2.088	2.090
	27	1.848	1.828	1.802	1.777	1.757	1.711	1.673	1.648	1.601	1.571	1.570	1.558
	28	1.554	1.581	1.607	—	—	—	—	—	—	—	—	—
	29	—	—	—	1.770	1.789	1.801	1.816	1.848	1.862	1.882	1.904	1.937
	30	2.033	3.033	2.036	2.034	2.034	2.014	2.014	2.014	2.015	2.027	2.033	2.036
31	2.028	2.026	2.025	2.025	—	2.019	2.009	2.003	2.005	2.011	2.033	2.036	
Hourly Means	1.7917	1.7953	1.7961	1.8067	1.7692	1.7768	1.7709	1.7696	1.7883	1.7747	1.7845	1.7914	

Additional Observations { D. H. M. Barometer at 32°. 22 2 20 28.552 3 35 28.548 || D. H. M. Barometer at 32°. 22 7 30 28.546 8 30 28.544

BAROMETRIC PRESSURE.												Daily and Monthly Means.
Barometer at 32° = 28 English inches + the numbers in the Table.												
12	13	14	15	16	17	18	19	20	21	22	23	
21	22	23	0	1	2	3	4	5	6	7	8	
1.458	1.483	1.495	1.511	1.514	1.539	1.558	1.576	—	1.616	1.636	1.648	1.4518
1.876	1.896	1.899	1.898	1.873	1.884	1.892	1.899	1.918	1.935	1.949	1.967	1.8365
—	—	—	—	—	—	—	—	—	—	—	—	1.9640
1.996	1.994	1.999	1.986	1.978	1.960	1.958	1.959	1.948	1.953	1.946	1.958	2.0027
2.032	2.049	2.041	2.042	2.026	2.013	2.013	2.016	2.019	2.022	2.027	2.046	1.9754
1.993	1.986	1.957	1.938	1.908	1.893	1.886	1.876	1.869	1.868	—	—	1.7170
1.734	1.729	1.704	1.679	1.650	1.634	1.625	1.611	1.608	1.606	1.601	1.598	1.4943
1.494	1.500	1.487	1.476	1.456	1.446	1.444	1.436	1.436	1.452	1.466	1.476	1.5153
1.533	1.534	1.529	1.515	1.510	1.509	1.521	1.529	1.554	1.570	1.589	1.611	—
—	—	—	—	—	—	—	—	—	—	—	—	1.8412
1.902	1.929	1.921	1.912	1.890	1.877	1.880	1.896	1.907	1.916	1.931	1.933	1.9310
1.992	1.985	1.958	1.935	1.900	1.883	1.885	1.876	1.879	1.885	1.886	1.886	1.8176
1.854	1.848	1.823	1.794	1.761	1.736	1.732	1.736	1.738	1.736	1.724	1.716	1.6108
1.622	1.590	1.586	1.573	1.540	1.532	1.534	1.540	1.549	1.557	1.567	1.577	1.5840
1.646	1.631	1.612	1.566	1.538	1.525	1.519	1.515	1.518	1.536	1.532	1.541	1.5215
1.598	1.593	1.568	1.528	1.474	1.431	1.418	1.424	1.390	1.406	1.419	1.420	1.0812
—	—	—	—	—	—	—	—	—	—	—	—	0.9904
1.048	1.042	1.025	0.994	0.968	0.960	0.948	0.932	0.932	0.935	0.937	0.918	1.0713
0.985	1.015	1.013	1.019	1.023	1.032	1.051	1.070	1.082	1.109	1.120	1.143	0.9300
1.063	1.053	1.032	1.006	0.985	0.977	0.984	1.006	1.022	1.045	1.089	1.098	0.5604
1.015	0.984	0.942	0.862	0.787	0.737	0.680	0.636	0.607	0.585	0.569	0.550	0.8330
0.551	0.548	0.539	0.529	0.510 ^a	0.516	0.536	0.568	0.605	0.633	0.659	0.681	—
0.874	0.881	0.881	0.891	0.887	0.885	0.893	0.909	0.923	0.933	0.944	0.936	1.3340
—	—	—	—	—	—	—	—	—	—	—	—	1.1161
1.544	1.503	1.464	1.418	1.344	1.286	1.224	1.184	1.164	1.110	1.072	1.030	1.3954
1.209	1.228	1.259	1.266	1.282	1.302	1.315	1.332	1.359	1.384	1.408	1.426	1.4884
1.437	1.432	1.403	1.375	1.323	1.285	1.252	1.260	1.331	1.333	1.348	1.363	1.7743
1.520	1.534	1.546	1.539	1.525	1.526	1.534	1.531	1.540	1.558	1.569	1.588	1.9913
1.822	1.822	1.841	1.844	1.836	1.841	1.865	1.881	1.900	1.918	1.928	1.939	—
2.018	2.030	2.024	2.010	1.998	1.986	1.974	1.977	1.985	1.990	1.996	1.999	1.4885
1.5314	1.5315	1.5211	1.5041	1.4802	1.4690	1.4662	1.4683	1.4713	1.4843	1.4765	1.4819	—
—	—	—	—	—	—	—	—	—	—	—	—	1.6282
1.586	1.581	1.569	1.547	1.532	1.530	1.525	1.528	1.532	1.554	1.562	1.567	1.6792
1.719	1.736	1.739	1.728	1.715	1.721	1.726	1.734	1.751	1.763	1.778	1.780	1.7489
1.776	1.776	1.765	1.736	1.712	1.706	1.706	1.698	1.701	1.701	1.706	1.707	1.6729
1.684	1.685	1.684	1.668	1.652	1.653	1.651	1.654	1.667	1.684	1.701	1.708	1.5914
1.640	1.623	1.592	1.547	1.508	1.474	1.464	1.430	1.434	1.424	1.413	1.421	1.5007
1.514	1.514	1.523	1.537	1.531	1.528	1.537	1.557	1.578	1.601	1.634	1.628	—
—	—	—	—	—	—	—	—	—	—	—	—	1.3068
1.267	1.262	1.258	1.247	1.238	1.225	1.233	1.242	1.255	1.274	1.293	1.320	1.5385
1.587	1.593	1.602	1.597	1.590	1.605	1.625	1.641	1.653	1.678	1.686	1.701	1.7329
1.778	1.777	1.762	1.748	1.717	1.710	1.720	1.708	1.714	1.721	1.723	1.744	1.7519
1.731	1.754	1.757	1.772	1.781	1.794	1.805	1.824	1.823	1.873	1.896	1.909	1.8009
1.840	1.827	1.812	1.774	1.730	1.705	1.686	1.648	1.628	1.624	1.625	1.614	1.6283
1.658	1.656	1.661	1.637	1.625	1.627	1.641	1.659	1.671	1.686	1.718	1.739	—
—	—	—	—	—	—	—	—	—	—	—	—	1.8875
1.900	1.908	1.907	1.900	1.889	1.896	1.912	1.932	1.947	1.973	1.982	1.990	1.8995
1.957	1.940	1.915	1.872	1.811	1.785	1.751	1.726	1.738	1.756	1.769	1.764	1.6693
1.587	1.586	1.591	1.575	1.574	1.618	1.643	1.681	1.712	1.734	1.776	1.821	4.9490
2.033	2.032	2.034	2.012	1.984	1.959	1.939	1.928	1.916	1.901	1.878	1.860	1.4909
1.438	1.416	1.384	1.322	1.264	1.217	1.211	1.218	1.264	1.303	1.343	1.370	1.5711
1.596	1.605	1.608	1.608	1.584	1.590	1.611	1.637	1.658	1.690	1.716	1.751	—
—	—	—	—	—	—	—	—	—	—	—	—	1.9099
1.938	1.936	1.918	1.873	1.862	1.859	1.867	1.874	1.915	1.924	1.944	1.960	2.0446
2.094	2.088	2.088	2.074	2.056	2.054	2.048	2.054	2.072	2.083	2.012	2.122	2.1849
2.228	2.230	2.219	2.207	2.201	2.205	2.213	2.213	2.217	2.230	2.247	2.254	2.1643
2.210	2.187	2.159	2.131	2.103	2.078	2.063	2.047	2.038	2.028	2.050	2.056	2.0106
2.086	2.067	2.048	2.004	1.976	1.945	1.913	1.894	1.893	1.894	1.894	1.870	1.5947
1.554	1.518	1.511	1.513	1.492	1.460	1.451	1.454	1.457	1.474	1.515	1.529	—
—	—	—	—	—	—	—	—	—	—	—	—	1.8831
1.952	1.967	1.976	1.958	1.949	1.969	1.989	1.995	2.008	2.023	2.028	2.030	2.0150
2.025	2.020	2.016	1.993	1.976	1.985	1.985	1.996	2.002	2.012	2.010	2.017	2.0183
2.044	2.020	2.006	1.998	1.979	1.979	2.007	2.007	2.004	2.037	2.048	2.073	—
1.7934	1.7890	1.7816	1.7621	1.7419	1.7362	1.7379	1.7400	1.7499	1.7654	1.7791	1.7891	1.7741

^a Lowest observation of the Barometer yet registered at the Observatory.

BAROMETRIC PRESSURE.													
Barometer at 32° = 28 English inches + the numbers in the Table.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
SEPTEMBER.	1	2·084	2·098	2·113	2·119	2·137	2·142	2·156	2·173	—	2·219	2·251	2·291
	2	2·414	2·435	2·439	2·443	2·437	2·435	2·443	2·435	2·459	2·465	2·487	2·499
	3	2·429	2·415	2·400	2·398	—	2·362	2·359	2·335	2·331	2·337	2·357	2·361
	4	2·231	2·223	2·209	—	—	—	—	—	—	—	—	—
	5	—	—	—	2·115	2·101	2·085	2·081	2·060	2·054	2·069	2·084	2·086
	6	1·978	1·960	1·947	1·936	1·926	1·910	1·910	1·918	1·915	1·921	1·927	1·920
	7	1·780	1·768	1·752	1·736	1·728	1·718	1·706	1·697	1·686	1·680	1·684	1·693
	8	1·568	1·551	1·546	1·545	1·545	1·529	1·501	1·484	1·480	1·476	1·464	1·441
	9	1·543	1·575	1·586	1·618	1·620	1·614	1·624	1·633	1·645	1·657	1·657	1·696
	10	1·631	1·623	1·618	1·614	1·603	1·601	1·600	1·594	1·595	1·625	1·647	1·656
	11	1·850	1·885	1·906	—	—	—	—	—	—	—	—	—
	12	—	—	—	2·342	2·339	2·327	2·332	2·330	2·335	2·341	2·344	2·364
	13	2·323	2·319	2·320	2·323	2·318	2·311	2·302	2·302	2·307	2·307	2·331	2·346
	14	2·229	2·234	2·216	2·200	2·190	2·190	2·186	2·188	2·194	2·222	2·226	2·228
	15	2·216	2·217	2·227	2·233	2·239	2·219	2·222	2·210	—	2·216	2·234	2·234
	16	1·948	1·918	1·890	1·856	1·832	1·805	1·786	1·770	—	1·773	1·775	1·777
	17	1·723	1·727	1·722	1·708	—	—	—	—	—	1·718	1·725	1·744
	18	1·738	1·737	1·731	—	—	—	—	—	—	—	—	—
	19	—	—	—	1·870	1·858	1·842	1·834	1·822	1·815	1·818	1·814	1·807
	20	1·859	1·886	1·890	1·918	1·916	1·900	1·923	1·933	1·948	1·960	1·960	1·957
	21	1·932	1·944	1·949	1·957	1·968	1·964	1·960	1·968	—	1·988	2·004	2·007
	22	2·054	2·048	2·047	2·043	2·028	2·014	2·002	1·982	1·978	1·976	1·974	1·952
	23	1·529	1·548	1·616	1·685	1·727	1·756	1·785	1·812	1·845	1·886	1·922	1·950
	24	1·912	1·893	1·882	1·868	1·846	1·814	1·782	1·770	1·756	1·736	1·726	1·695
	25	2·017	2·039	2·061	—	—	—	—	—	—	—	—	—
	26	—	—	—	2·096	2·072	2·047	2·024	1·996	2·004	2·012	2·000	1·960
	27	1·661	1·651	1·637	1·595	1·545	1·499	1·483	1·472	1·508	1·459	1·453	1·446
	28	1·674	1·680	1·680	1·668	1·658	1·652	1·647	1·641	—	1·672	1·647	1·644
	29	1·583	1·580	1·570	1·566	1·557	1·548	1·540	1·561	1·580	1·597	1·630	1·649
	30	1·654	1·644	1·652	1·656	1·672	1·672	1·682	1·706	—	1·739	1·766	1·780
Hourly Means	1·9061	1·9076	1·9079	1·9272	1·9109	1·9182	1·9148	1·9117	1·9176	1·9180	1·9265	1·9301	
OCTOBER.	1	1·836	1·854	1·850	1·855	1·858	1·858	1·858	1·860	1·872	1·888	1·902	1·923
	2	2·082	2·091	2·108	—	—	—	—	—	—	—	—	—
	3	—	—	—	1·966	1·927	1·885	1·853	1·811	1·783	1·763	1·732	1·718
	4	2·034	2·044	2·070	2·058	2·086	2·098	2·110	2·116	2·125	2·139	2·150	2·150
	5	2·040	2·026	2·023	2·022	2·016	2·008	1·998	1·986	1·975	1·990	1·987	1·986
	6	1·937	1·921	1·914	1·902	1·880	1·866	1·858	1·865	1·877	1·885	1·903	1·912
	7	2·026	2·042	2·044	2·047	—	2·056	2·058	2·060	2·078	2·088	2·098	2·108
	8	2·048	2·027	2·022	2·012	2·003	1·998	1·988	1·986	1·986	1·996	1·996	1·985
	9	1·829	1·809	1·801	—	—	—	—	—	—	—	—	—
	10	—	—	—	1·648	1·644	1·646	1·648	1·648	1·656	1·669	1·681	1·698
	11	1·787	1·794	1·794	1·776	1·776	1·779	1·783	1·787	1·803	1·817	1·829	1·836
	12	1·865	1·870	1·872	1·882	1·893	1·898	1·906	1·930	1·951	1·977	2·006	2·031
	13	2·072	2·057	2·027	1·990	1·950	1·920	1·879	1·853	—	1·787	1·758	1·725
	14	1·895	1·912	1·946	1·977	—	2·008	2·028	2·048	2·086	2·112	2·161	2·178
	15	2·262	2·259	2·252	2·242	2·241	2·230	2·223	2·226	2·229	2·233	2·226	2·228
	16	2·123	2·112	2·099	—	—	—	—	—	—	—	—	—
	17	—	—	—	1·536	1·516	1·488	1·457	1·421	1·397	1·385	1·356	1·324
	18	1·712	1·736	1·753	1·768	1·780	1·796	1·809	1·850	1·864	1·877	1·943	1·981
	19	2·162	2·168	2·170	2·168	—	—	2·167	2·165	2·166	2·167	2·175	2·184
	20	2·002	1·973	1·935	1·894	1·842	1·814	1·783	1·755	1·747	1·725	1·715	1·706
	21	1·740	1·742	1·742	1·748	1·735	1·738	1·748	1·750	1·753	1·760	1·771	1·780
	22	1·804	1·797	1·803	1·794	1·792	1·789	1·803	1·812	1·832	1·853	1·875	1·895
	23	1·968	1·976	1·977	—	—	—	—	—	—	—	—	—
	24	—	—	—	1·789	1·777	1·755	1·737	1·736	1·738	1·747	1·756	1·768
	25	1·798	1·800	1·800	1·802	1·786	1·780	1·776	1·767	1·774	1·778	1·788	1·783
	26	1·655	1·649	1·643	1·643	1·623	1·621	1·616	1·620	1·648	1·658	1·678	1·699
	27	1·870	1·878	1·890	1·870	—	1·870	1·870	1·870	1·877	1·877	1·862	1·880
	28	1·701	1·687	1·672	1·670	—	1·631	1·620	1·598	1·581	—	1·546	1·541
	29	1·590	1·590	1·593	1·595	1·593	1·601	1·605	1·613	1·620	1·637	1·643	1·636
	30	1·635	1·627	1·613	—	—	—	—	—	—	—	—	—
	31	—	—	—	1·518	1·505	1·494	1·498	1·494	1·465	1·467	1·467	1·492
Hourly Means	1·9028	1·9016	1·9005	1·8528	1·8204	1·8251	1·8338	1·8318	1·8354	1·8510	1·8463	1·8518	

BAROMETRIC PRESSURE.												
Barometer at 32° = 28 English inches + the numbers in the Table.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
2.305	2.314	2.310	2.309	2.311	2.315	2.335	2.345	2.363	2.383	2.391	2.413	2.2555
2.482	2.477	2.471	2.463	2.453	2.439	2.433	2.425	2.436	2.436	2.445	2.443	2.4497
2.342	2.335	2.314	2.280	2.257	2.248	2.244	2.247	2.236	2.235	2.239	2.248	2.3178
—	—	—	—	—	—	—	—	—	—	—	—	—
2.090	2.068	2.048	2.017	2.000	1.986	1.981	1.975	1.968	1.959	1.967	1.972	2.0595
1.900	1.888	1.866	1.844	1.806	1.794	1.786	1.786	1.787	1.786	1.784	1.792	1.8745
1.667	1.638	1.590	1.547	1.514	1.509	1.487	1.508	1.516	1.544	1.591	1.572	1.6380
1.401	1.382	1.393	1.376	1.357	1.348	1.343	1.366	1.385	1.406	1.435	1.485	1.4503
1.692	1.692	1.690	1.669	1.652	1.653	1.644	1.642	1.635	1.633	1.644	1.645	1.6400
1.671	1.671	1.668	1.670	1.674	1.668	1.696	1.708	1.722	1.766	1.792	1.831	1.6643
—	—	—	—	—	—	—	—	—	—	—	—	—
2.351	2.346	2.329	2.314	2.296	2.285	2.281	2.280	2.291	2.294	2.311	2.324	2.2665
2.328	2.311	2.283	2.266	2.254	2.236	2.235	2.228	2.224	2.220	2.224	2.225	2.2851
2.229	2.227	2.209	2.190	2.169	2.148	2.146	2.148	2.145	2.152	2.176	2.202	2.1935
2.234	2.196	2.173	2.149	2.196	2.173	2.151	2.127	2.013	2.003	1.989	1.973	2.1671
1.733	1.729	1.722	1.727	1.711	1.700	1.700	1.711	1.706	1.720	1.727	1.736	1.7718
1.750	1.739	1.728	1.708	1.697	1.685	1.683	1.695	1.709	1.706	1.712	1.715	1.7155
—	—	—	—	—	—	—	—	—	—	—	—	—
1.796	1.754	1.724	1.690	1.661	1.644	1.647	1.650	1.702	1.748	1.787	1.828	1.7632
1.952	1.943	1.900	1.883	1.878	1.861	1.884	1.878	1.881	1.886	1.895	1.916	1.9086
2.008	2.012	2.012	2.014	1.998	1.997	1.997	2.003	2.011	2.024	2.046	2.053	1.9920
1.906	1.867	1.812	1.770	1.730	1.676	1.642	1.626	1.597	1.578	1.550	1.549	1.8500
1.970	1.978	1.972	1.965	1.953	1.938	1.934	1.916	1.922	1.914	1.916	1.918	1.8482
1.688	1.728	1.730	1.739	1.738	1.764	1.800	1.817	1.866	1.904	1.941	1.986	1.8077
—	—	—	—	—	—	—	—	—	—	—	—	—
1.934	1.906	1.860	1.816	1.765	1.730	1.689	1.673	1.664	1.646	1.660	1.667	1.8891
1.442	1.482	1.511	1.529	1.556	1.527	1.523	1.533	1.569	1.599	1.618	1.647	1.5394
1.633	1.615	1.570	1.555	1.530	1.522	1.529	1.527	1.551	1.569	1.574	1.588	1.6098
1.666	1.664	1.653	1.649	1.635	1.631	1.615	1.611	1.631	1.643	1.642	1.660	1.6109
1.788	1.792	1.787	1.795	1.784	1.778	1.780	1.779	1.796	1.808	1.821	1.842	1.7467
1.9215	1.9136	1.8971	1.8821	1.8683	1.8560	1.8533	1.8540	1.8587	1.8678	1.8799	1.8935	1.8972
1.924	1.920	1.914	1.911	1.918	1.933	1.947	1.961	1.992	2.018	2.053	2.074	1.9158
—	—	—	—	—	—	—	—	—	—	—	—	—
1.726	1.736	1.734	1.788	1.808	1.842	1.894	1.928	1.958	1.986	2.015	2.028	1.8817
2.150	2.136	2.110	2.080	2.072	2.060	2.054	2.044	2.050	2.056	2.050	2.047	2.0370
2.000	1.999	1.976	1.974	1.950	1.937	1.937	1.934	1.932	1.926	1.929	1.942	1.9789
1.914	1.916	1.909	1.909	1.903	1.905	1.927	1.942	1.958	1.976	1.992	2.015	1.9160
2.108	2.096	2.078	2.069	2.055	2.051	2.039	2.029	2.027	2.026	2.040	2.045	2.0595
1.970	1.944	1.919	1.899	1.871	1.845	1.816	1.802	1.799	1.801	1.831	1.835	1.9327
—	—	—	—	—	—	—	—	—	—	—	—	—
1.700	1.683	1.698	1.696	1.698	1.693	1.693	1.708	1.728	1.737	1.771	1.778	1.7067
1.844	1.830	1.809	1.801	1.794	1.789	1.784	1.782	1.787	1.811	1.840	1.852	1.8035
2.042	2.040	2.034	2.035	2.045	2.036	2.036	2.046	2.044	2.053	2.067	2.064	1.9843
1.680	1.649	1.612	1.605	1.646	1.630	1.656	1.694	1.744	1.789	1.843	1.876	1.8018
2.198	2.194	2.193	2.220	2.200	2.208	2.206	2.212	2.220	2.229	2.245	2.259	2.1276
2.214	2.181	2.178	2.151	2.120	2.117	2.100	2.103	2.104	2.116	2.128	2.130	2.1872
—	—	—	—	—	—	—	—	—	—	—	—	—
1.291	1.276	1.345	1.420	1.456	1.488	1.534	1.569	1.585	1.624	1.663	1.697	1.5484
1.996	2.004	1.984	1.980	1.983	1.982	1.988	2.019	2.041	2.074	2.112	2.159	1.9246
2.177	2.142	2.120	2.091	2.063	2.035	2.026	2.003	1.989	2.002	2.005	2.008	2.1070
1.688	1.685	1.668	1.663	1.657	1.653	1.645	1.639	1.666	1.694	1.709	1.730	1.7495
1.785	1.764	1.758	1.750	1.742	1.728	1.724	1.724	1.732	1.762	1.785	1.802	1.7526
1.906	1.909	1.897	1.905	1.903	1.908	1.906	1.910	1.924	1.944	1.959	1.966	1.8705
—	—	—	—	—	—	—	—	—	—	—	—	—
1.776	1.749	1.741	1.733	1.738	1.716	1.710	1.721	1.734	1.742	1.758	1.783	1.7760
1.773	1.731	1.717	1.693	1.678	1.663	1.649	1.627	1.629	1.622	1.637	1.663	1.7298
1.707	1.716	1.707	1.704	1.707	1.724	1.732	1.752	1.774	1.797	1.824	1.853	1.6979
1.874	1.861	1.832	1.799	1.786	1.747	1.731	1.703	1.700	1.709	1.712	1.706	1.8163
1.523	1.509	1.495	1.479	1.466	1.454	1.460	1.468	1.494	1.535	1.555	1.573	1.5572
1.629	1.626	1.620	1.613	1.603	1.597	1.600	1.615	1.623	1.632	1.634	1.631	1.6141
—	—	—	—	—	—	—	—	—	—	—	—	—
1.548	1.587	1.652	1.677	1.710	1.728	1.763	1.795	1.837	1.885	1.926	1.972	1.6398
1.8517	1.8417	1.8345	1.8325	1.8299	1.8257	1.8291	1.8357	1.8489	1.8671	1.8878	1.9034	1.8520

BAROMETRIC PRESSURE.													
Barometer at 32° = 28 English inches + the numbers in the Table.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
NOVEMBER.	1	1.992	1.999	2.004	2.020	2.022	2.031	2.039	2.039	2.054	2.064	2.077	2.075
	2	1.906	1.903	1.892	1.884	1.845	1.834	1.816	1.784	1.774	1.784	1.780	1.768
	3	1.383	1.372	1.362	1.384	—	1.290	1.286	1.282	1.275	1.267	1.260	1.300
	4	1.450	1.459	1.444	1.431	1.424	1.412	1.400	1.401	1.405	1.402	1.400	1.383
	5	1.684	1.693	1.702	1.714	1.727	1.745	1.749	1.763	1.787	1.802	1.829	1.833
	6	1.950	1.953	1.953	—	—	—	—	—	—	—	—	—
	7	—	—	—	1.753	1.717	1.683	1.641	1.629	1.592	1.573	1.553	1.527
	8	1.413	1.406	1.436	1.432	1.467	1.471	1.490	1.502	1.536	1.560	1.583	1.574
	9	1.498	1.491	1.518	1.531	—	1.549	1.555	1.561	1.577	1.587	1.601	1.614
	10	1.757	1.752	1.750	1.738	1.712	1.714	1.706	1.692	1.711	1.728	1.766	1.775
	11	1.954	1.957	1.954	1.950	1.943	1.956	1.962	1.966	1.992	2.007	2.030	2.029
	12	2.087	2.074	2.064	2.052	2.038	2.024	2.023	2.015	2.004	2.011	2.012	2.010
	13	1.783	1.768	1.761	—	—	—	—	—	—	—	—	—
	14	—	—	—	1.734	1.707	1.673	1.637	1.611	1.591	1.567	1.538	1.499
	15	1.398	1.441	1.471	1.513	1.540	1.561	1.588	1.612	1.642	1.651	1.662	1.667
	16	1.469	1.450	1.459	1.471	1.499	1.534	1.588	1.575	—	1.639	1.671	1.681
	17	1.844	1.841	1.836	1.822	1.813	1.802	1.780	1.774	—	1.764	1.758	1.742
	18	1.527	1.511	1.485	1.430	1.368	1.305	1.289	1.253	1.241	1.203	1.170	1.123
	19	1.160	1.161	1.151	1.135	1.134	1.132	1.138	—	1.131	1.139	1.194	1.231
	20	1.609	1.637	1.651	—	—	—	—	—	—	—	—	—
	21	—	—	—	1.736	1.720	1.704	1.700	1.696	1.721	1.745	1.755	1.765
	22	1.759	1.736	1.673	1.625	1.578	1.521	1.478	1.462	1.447	1.444	1.472	1.490
	23	1.737	1.739	1.760	1.750	1.758	1.742	1.742	1.746	1.756	1.760	1.755	1.752
	24	1.735	1.725	1.710	1.698	1.690	1.680	1.668	1.686	1.710	1.712	1.737	1.753
	25	1.920	1.923	1.920	1.914	1.883	1.874	1.868	1.870	1.850	1.862	1.856	1.864
	26	1.819	1.824	1.823	1.820	—	1.796	1.800	1.809	1.809	1.835	1.844	1.841
	27	1.780	1.754	1.733	—	—	—	—	—	—	—	—	—
	28	—	—	—	1.520	1.523	1.513	1.503	1.524	—	1.569	1.586	1.598
	29	1.654	1.638	1.618	1.602	1.589	1.569	1.545	1.535	1.509	1.494	1.465	1.446
	30	1.183	1.180	1.180	1.179	1.181	1.182	1.185	1.193	1.225	1.242	1.270	1.279
Hourly Means	1.6721	1.6687	1.6658	1.6476	1.6469	1.6268	1.6210	1.6392	1.6234	1.6312	1.6394	1.6392	
DECEMBER.	1	1.672	1.702	1.703	1.711	—	1.719	1.735	1.749	1.769	1.780	1.796	1.800
	2	1.987	2.003	2.015	2.020	2.030	2.041	2.054	2.078	2.093	2.116	2.142	2.159
	3	2.202	2.200	2.191	2.186	2.164	2.164	2.158	2.164	2.170	2.177	2.170	2.166
	4	2.001	1.998	1.995	—	—	—	—	—	—	—	—	—
	5	—	—	—	2.343	2.339	2.334	2.339	2.343	2.358	2.380	2.384	2.380
	6	2.253	2.245	2.238	2.214	2.190	2.174	2.155	2.146	2.142	2.140	2.140	2.136
	7	2.003	1.992	1.979	1.969	1.949	1.931	1.913	1.900	1.900	1.909	1.917	1.907
	8	1.849	1.842	1.835	1.825	—	1.815	1.803	1.809	1.819	1.821	1.829	1.844
	9	1.833	1.845	1.855	1.860	1.851	1.840	1.835	1.841	1.847	1.855	1.878	1.905
	10	1.931	—	1.921	1.913	1.887	1.877	1.869	1.859	1.865	1.869	1.870	1.858
	11	1.761	1.759	1.762	—	—	—	—	—	—	—	—	—
	12	—	—	—	1.580	1.550	1.542	1.536	1.534	1.550	1.544	1.552	1.570
	13	1.752	1.744	1.746	1.746	1.746	1.746	1.754	1.764	1.788	1.799	1.807	1.812
	14	1.643	1.639	1.623	1.601	1.568	1.548	1.524	1.512	1.506	1.498	1.484	1.474
	15	1.550	1.563	1.574	1.579	1.582	1.583	1.597	1.623	2.647	1.646	1.649	1.642
	16	1.593	—	1.597	1.588	1.585	1.581	1.577	1.588	1.595	1.595	1.601	1.596
	17	1.346	1.312	1.284	1.258	1.222	1.184	—	1.106	1.048	1.012	1.001	0.972
	18	1.050	1.033	0.998	—	—	—	—	—	—	—	—	—
	19	—	—	—	—	1.430	1.423	1.439	1.448	1.478	1.516	1.533	1.552
	20	1.742	1.758	1.771	1.771	1.773	1.779	1.797	1.816	1.845	1.870	1.888	1.881
	21	1.976	1.978	1.973	1.968	1.967	1.958	1.960	1.961	1.970	1.964	1.960	1.937
	22	1.721	1.690	1.676	1.652	1.624	1.606	1.570	1.552	1.536	1.542	1.550	1.553
	23	1.650	1.642	1.641	1.619	1.606	1.579	1.547	1.526	1.533	1.522	1.519	1.465
	24	1.103	1.107	1.107	a	—	—	—	—	—	—	—	—
	25	—	—	—	—	—	—	—	—	—	—	—	—
	26	—	—	—	1.877	1.856	1.841	1.824	1.818	1.820	1.824	1.810	1.794
	27	1.600	1.589	1.580	1.574	—	1.474	1.461	1.432	1.416	1.389	1.368	1.369
	28	1.706	1.711	1.734	1.757	—	1.765	1.765	1.776	1.798	1.809	1.829	1.841
	29	1.895	1.895	1.899	1.899	1.881	1.888	1.887	1.887	1.899	1.909	1.924	1.923
	30	1.807	1.797	1.769	1.727	1.705	1.671	1.655	1.637	1.637	1.629	1.627	1.605
	31	1.238	1.238	1.237	1.236	1.221	1.208	1.233	1.243	1.277	1.289	1.311	1.342
Hourly Means	1.7255	1.7201	1.7193	1.7789	1.7603	1.7412	1.7595	1.7351	1.7425	1.7463	1.7515	1.7493	

* Christmas Day.

BAROMETRIC PRESSURE.												
Barometer at 32° = 28 English inches + the numbers in the Table.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
2.064	2.039	2.027	1.999	1.978	1.955	1.931	1.905	1.897	1.893	1.915	1.921	1.9975
1.729	1.700	1.668	1.642	1.578	1.548	1.538	1.532	1.430	1.428	1.384	1.402	1.6895
1.335	1.345	1.351	1.353	1.366	1.362	1.369	1.378	1.394	1.407	1.439	1.453	1.3484
1.387	1.368	1.399	1.367	1.367	1.381	1.384	1.443	1.481	1.536	1.591	1.638	1.4314
1.828	1.829	1.818	1.832	1.844	1.839	1.838	1.848	1.866	1.898	1.921	1.942	1.8055
—	—	—	—	—	—	—	—	—	—	—	—	1.5638
1.499	1.492	1.462	1.445	1.464	1.408	1.376	1.349	1.326	1.366	1.408	1.413	1.5173
1.577	1.586	1.575	1.580	1.576	1.569	1.555	1.544	1.514	1.489	1.479	1.501	1.6208
1.618	1.650	1.662	1.675	1.663	1.677	1.678	1.684	1.696	1.713	1.733	1.748	1.7861
1.775	1.783	1.783	1.783	1.793	1.825	1.835	1.861	1.873	1.903	1.914	1.937	1.9989
2.021	2.021	2.012	2.007	2.003	2.002	1.998	2.004	2.011	2.035	2.071	2.089	1.9357
1.977	1.961	1.925	1.887	1.855	1.823	1.795	1.767	1.751	1.759	1.761	1.781	1.4821
—	—	—	—	—	—	—	—	—	—	—	—	1.5615
1.464	1.402	1.356	1.308	1.276	1.246	1.229	1.244	1.255	1.272	1.306	1.344	1.6516
1.661	1.654	1.625	1.600	1.580	1.555	1.543	1.520	1.504	1.502	1.501	1.484	1.6935
1.696	1.694	1.693	1.697	1.711	1.724	1.745	1.757	1.786	1.819	1.824	1.834	1.2267
1.729	1.712	1.693	1.649	1.624	1.594	1.574	1.546	1.520	1.506	1.512	1.515	1.3082
1.074	1.031	1.039	1.067	1.097	1.143	1.167	1.173	1.188	1.205	1.185	1.166	1.7433
1.270	1.313	1.346	1.390	1.402	1.431	1.467	1.529	1.523	1.555	1.560	1.597	1.5759
—	—	—	—	—	—	—	—	—	—	—	—	1.7271
1.783	1.782	1.782	1.796	1.785	1.787	1.777	1.769	1.779	1.796	1.782	1.782	1.7676
1.526	1.537	1.538	1.558	1.572	1.573	1.572	1.602	1.624	1.652	1.675	1.707	1.8424
1.740	1.731	1.725	1.712	1.703	1.692	1.687	1.678	1.678	1.690	1.702	1.716	1.8000
1.765	1.772	1.785	1.788	1.788	1.806	1.833	1.841	1.857	1.876	1.895	1.912	1.5966
1.854	1.839	1.818	1.793	1.777	1.774	1.777	1.783	1.789	1.800	1.803	1.806	1.4082
1.829	1.829	1.821	1.799	1.779	1.764	1.765	1.757	1.751	1.756	1.756	1.774	1.3305
—	—	—	—	—	—	—	—	—	—	—	—	1.4082
1.589	1.593	1.586	1.580	1.579	1.576	1.588	1.586	1.602	1.606	—	1.637	1.3305
1.400	1.357	1.326	1.280	1.252	1.238	1.226	1.222	1.211	1.204	1.205	1.211	—
1.301	1.321	1.357	1.381	1.411	1.427	1.445	1.477	1.506	1.564	1.610	1.644	—
1.6343	1.6285	1.6220	1.6141	1.6086	1.6046	1.6039	1.6077	1.6081	1.6242	1.6373	1.6521	1.6319
1.811	1.818	1.827	1.824	1.814	1.817	1.836	1.851	1.878	1.908	1.922	1.959	1.8000
2.164	2.168	2.169	2.169	2.181	2.174	2.175	2.166	2.178	2.180	2.184	2.191	2.1182
2.156	2.133	2.111	2.090	2.057	2.033	2.007	1.997	1.983	1.988	1.983	1.991	2.1100
—	—	—	—	—	—	—	—	—	—	—	—	2.2827
2.371	2.371	2.346	2.334	2.314	2.290	2.278	2.260	2.252	2.248	2.262	2.264	2.0998
2.114	2.096	2.075	2.052	2.034	2.005	1.988	1.958	1.958	1.975	1.979	1.989	1.8829
1.899	1.878	1.851	1.826	1.810	1.788	1.765	1.786	1.813	1.822	1.840	1.843	1.8323
1.846	1.855	1.856	1.861	1.850	1.843	1.830	1.824	1.814	1.822	1.825	1.825	1.8798
1.903	1.909	1.915	1.908	1.900	1.903	1.897	1.891	1.886	1.907	1.919	1.932	1.8342
1.842	1.832	1.816	1.804	1.790	1.782	1.775	1.775	1.762	1.777	1.754	1.759	1.6298
—	—	—	—	—	—	—	—	—	—	—	—	1.7352
1.586	1.598	1.614	1.629	1.638	1.638	1.668	1.666	1.680	1.699	1.729	1.731	1.4886
1.794	1.780	1.772	1.748	1.718	1.700	1.683	1.664	1.654	1.648	1.645	1.636	1.5749
1.443	1.422	1.364	1.390	1.381	1.396	1.421	1.423	1.421	1.444	1.482	1.520	1.5227
1.640	1.606	1.584	1.565	1.522	1.507	1.493	1.494	1.502	1.526	1.548	1.576	1.0842
1.583	1.556	1.544	1.522	1.483	1.468	1.430	1.396	1.403	1.392	1.382	1.367	1.4906
0.995	0.984	0.994	0.998	0.998	1.001	1.002	1.020	1.044	1.032	1.040	—	1.8521
—	—	—	—	—	—	—	—	—	—	—	—	1.8779
1.546	1.563	1.566	1.570	1.586	1.590	1.604	1.634	1.644	1.666	1.699	1.717	1.6085
1.887	1.885	1.880	1.878	1.877	1.874	1.877	1.877	1.897	1.915	1.939	1.973	1.4427
1.916	1.888	1.862	1.830	1.798	1.783	1.761	1.751	1.731	1.727	1.725	1.725	—
1.557	1.577	1.599	1.608	1.608	1.604	1.606	1.614	1.624	1.632	1.646	1.658	1.6652
1.440	1.424	1.416	1.390	1.346	1.357	1.321	1.306	1.256	1.217	1.174	1.129	1.4841
—	—	—	—	—	—	—	—	—	—	—	—	1.7995
1.788	1.775	1.751	1.736	1.697	1.687	1.669	1.632	1.625	1.614	1.610	1.600	1.8718
1.366	1.344	1.387	1.438	1.456	1.478	1.488	1.516	1.536	1.578	1.638	1.658	1.5317
1.849	1.830	1.821	1.817	1.809	1.805	1.803	1.798	1.803	1.827	1.855	1.881	1.3441
1.920	1.917	1.887	1.870	1.843	1.815	1.799	1.813	1.810	1.801	1.834	1.829	—
1.581	1.525	1.477	1.415	1.400	1.380	1.350	1.335	1.294	1.258	1.232	1.247	—
1.339	1.339	1.363	1.384	1.396	1.414	1.437	1.453	1.458	1.507	1.528	1.568	—
1.7437	1.7336	1.7249	1.7175	1.7041	1.6974	1.6909	1.6885	1.6887	1.6965	1.7067	1.7427	1.7274

STANDARD THERMOMETER.													
Hours of Mean Gottingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
JANUARY.	1	64.3	64.6	64.7	65.0	64.8	64.5	63.5	63.0	63.0	64.0	64.2	64.8
	2	52.4	51.8	50.8	—	—	—	—	—	—	—	—	—
	3	—	—	—	62.2	61.5	60.6	60.2	58.8	—	61.2	62.8	64.5
	4	60.0	58.7	58.9	59.2	57.1	55.5	56.0	56.2	56.4	58.0	61.7	64.5
	5	57.0	54.0	53.8	51.9	51.5	50.0	—	49.5	50.1	53.3	56.6	58.7
	6	60.8	60.3	58.7	58.3	58.0	58.4	58.5	57.4	57.5	58.5	60.2	62.8
	7	68.5	66.6	64.5	63.6	63.2	63.0	62.5	62.4	62.8	63.0	65.8	64.5
	8	54.3	53.8	52.0	51.2	50.4	50.0	49.5	49.0	50.2	52.7	54.8	58.6
	9	60.3	58.4	57.0	—	—	—	—	—	—	—	—	—
	10	—	—	—	54.0	52.2	50.5	50.2	49.5	49.7	52.7	55.2	56.5
	11	53.2	51.2	51.8	52.8	51.2	52.0	48.2	47.2	48.2	51.8	54.5	57.9
	12	60.0	58.0	57.0	57.0	58.7	57.4	56.4	56.3	55.6	55.2	62.3	66.8
	13	61.3	60.1	58.6	57.5	56.5	56.2	56.2	54.7	54.7	56.0	59.5	61.0
	14	56.0	56.0	56.2	56.2	56.7	56.8	56.7	56.7	56.6	57.7	60.6	62.3
	15	61.0	60.1	59.2	57.7	57.3	57.0	57.8	58.2	58.4	60.0	61.5	66.3
	16	63.5	63.3	63.2	—	—	—	—	—	—	—	—	—
	17	—	—	—	61.8	61.3	60.6	59.4	59.0	59.8	60.8	63.2	63.4
	18	59.2	59.0	58.2	58.0	58.7	58.8	59.0	59.1	59.5	60.2	60.8	63.0
	19	67.6	67.2	67.0	63.2	60.5	60.0	59.0	58.2	57.0	58.0	62.8	65.2
	20	60.9	59.2	58.5	58.0	57.0	56.2	55.6	55.0	54.4	56.6	59.6	62.3
	21	60.8	60.3	59.8	59.0	58.4	57.0	57.2	58.0	56.5	58.0	61.0	64.8
	22	62.2	60.7	60.1	60.0	59.2	59.8	60.2	59.8	58.5	57.5	57.3	58.0
	23	62.2	62.0	62.0	—	—	—	—	—	—	—	—	—
	24	—	—	—	—	53.6	53.0	52.5	52.4	54.0	53.8	55.2	57.3
	25	52.0	51.3	50.1	48.4	48.0	47.0	46.0	46.0	46.7	48.5	51.2	54.5
	26	58.5	58.0	57.0	58.0	58.0	58.8	59.0	59.0	—	60.2	63.1	66.0
	27	60.8	59.0	58.8	58.8	58.4	58.0	57.6	57.4	57.5	57.5	58.0	59.0
	28	52.2	52.2	52.5	52.6	52.7	52.8	52.8	52.8	53.5	54.0	55.0	56.2
	29	57.0	55.8	54.0	52.2	50.2	50.0	50.0	51.0	52.2	53.3	56.2	60.3
	30	56.0	56.0	56.0	—	—	—	—	—	—	—	—	—
	31	—	—	—	56.8	56.5	56.0	54.2	52.8	51.4	54.2	55.5	53.7
Hourly Means	59.31	58.37	57.71	57.34	56.60	56.15	55.93	55.36	55.17	56.80	59.17	61.33	
FEBRUARY.	1	53.2	53.0	52.8	52.4	52.1	52.0	52.3	52.4	—	53.3	56.0	58.2
	2	58.7	58.0	56.1	57.0	56.1	54.4	55.1	55.6	55.8	56.4	58.5	61.5
	3	57.3	57.3	56.9	57.0	56.8	56.8	56.8	56.8	56.8	56.8	57.5	58.0
	4	54.0	54.8	55.0	55.3	55.0	54.4	53.7	54.0	53.6	54.2	55.9	57.6
	5	55.2	55.0	54.5	53.9	54.1	54.0	53.8	53.5	53.7	53.2	54.0	55.0
	6	56.2	56.2	56.1	—	—	—	—	—	—	—	—	—
	7	—	—	—	59.5	59.0	59.0	58.8	58.5	58.6	59.0	60.0	62.2
	8	61.0	59.7	58.2	57.2	—	55.0	54.4	53.5	53.4	55.5	57.5	61.2
	9	58.2	58.1	58.0	57.3	56.2	56.5	56.8	56.3	54.8	56.0	58.0	61.5
	10	54.0	53.2	53.8	52.5	51.2	51.0	50.0	49.0	—	48.1	52.2	55.3
	11	56.4	56.0	56.5	56.4	56.6	55.5	52.7	51.6	50.8	50.7	54.8	57.8
	12	57.6	56.4	55.7	56.7	55.5	55.3	55.3	—	54.8	56.0	59.2	62.8
	13	59.9	58.8	57.1	—	—	—	—	—	—	—	—	—
	14	—	—	—	54.8	54.5	54.2	54.0	53.7	54.0	55.0	57.6	60.6
	15	60.0	59.4	59.0	58.5	59.0	59.0	59.2	58.6	58.0	57.8	58.5	61.2
	16	55.6	54.7	54.8	54.0	54.7	54.0	54.0	54.0	54.2	55.8	59.0	61.7
	17	58.5	58.2	57.0	56.6	56.2	56.2	56.2	56.2	56.2	56.2	58.6	62.0
	18	59.0	57.2	57.0	55.4	—	54.6	54.0	54.0	—	55.5	53.7	54.0
	19	57.0	56.6	55.8	54.8	53.2	52.0	52.3	52.8	52.0	52.2	53.2	55.3
	20	63.0	61.7	61.0	—	—	—	—	—	—	—	—	—
	21	—	—	—	72.6	67.4	66.2	64.0	62.0	60.0	58.0	60.0	61.0
	22	56.8	56.6	57.0	57.2	57.0	57.0	57.1	56.8	56.5	56.0	57.8	60.7
	23	63.3	62.0	61.4	60.0	61.0	60.0	59.3	58.5	58.2	58.0	61.6	63.8
	24	60.3	60.7	60.2	60.1	59.2	58.5	58.8	58.8	57.3	57.4	57.7	59.2
	25	60.8	60.0	59.6	58.0	57.5	57.6	57.2	57.5	57.3	57.7	59.7	61.3
	26	63.0	64.2	64.2	64.2	64.4	64.2	64.3	65.1	—	65.6	65.4	67.4
	27	66.3	65.9	64.6	—	—	—	—	—	—	—	—	—
	28	—	—	—	51.2	50.2	50.0	50.3	50.8	50.6	50.2	51.8	53.3
Hourly Means	58.55	58.07	57.60	57.20	56.68	56.14	55.85	55.65	55.33	55.61	57.42	59.70	

STANDARD THERMOMETER.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
62.5	61.5	60.3	59.5	60.0	59.2	59.8	60.2	59.0	57.0	54.9	53.8	61.58
68.0	69.5	69.7	70.0	73.0	72.0	74.5	66.8	64.7	62.8	61.4	60.2	63.45
69.3	66.2	67.0	70.2	71.5	72.7	70.7	71.0	70.4	65.4	61.8	59.5	63.24
61.0	63.7	66.2	67.8	69.8	72.8	75.3	76.0	75.5	75.0	66.1	—	61.62
70.0	72.2	76.0	80.5	83.2	85.6	85.0	83.6	78.7	77.8	75.4	71.0	68.68
67.3	73.3	68.0	64.6	70.5	66.5	66.0	68.8	63.5	63.4	59.0	55.9	64.88
60.7	63.2	66.8	70.1	69.0	72.5	75.0	76.5	77.0	76.8	67.0	62.8	60.99
58.0	58.0	59.7	58.5	60.5	62.8	64.0	64.5	63.0	60.2	58.5	55.0	57.04
60.6	63.8	64.2	67.0	67.7	67.5	68.0	67.8	67.5	66.5	63.0	60.8	58.50
69.4	74.0	82.2	80.2	88.2	76.8	70.2	69.8	69.0	67.5	65.0	63.0	65.58
60.8	62.5	63.2	64.9	65.2	66.0	64.4	61.2	58.8	57.8	57.0	56.5	59.61
64.0	66.8	69.0	70.0	71.7	71.8	69.3	71.2	70.5	72.5	68.0	64.0	63.22
71.0	71.5	73.0	73.0	75.3	76.2	78.2	78.6	78.2	76.7	70.8	64.1	66.71
66.0	68.5	67.0	67.0	66.5	66.0	63.2	60.8	60.0	60.0	59.6	59.0	62.62
66.2	69.8	70.0	72.0	73.2	73.6	73.1	71.2	69.8	69.3	69.2	69.0	64.99
69.2	68.3	69.8	75.9	75.4	78.8	72.5	70.3	71.8	68.4	63.5	61.8	66.31
65.4	67.5	68.8	70.0	70.0	71.3	70.3	67.7	68.2	67.0	63.0	62.0	62.69
70.3	74.0	77.0	81.0	78.5	77.7	70.8	68.0	66.7	66.7	64.2	63.2	64.95
58.6	60.3	62.5	64.2	66.2	67.2	67.4	64.5	62.8	62.0	63.3	63.0	61.05
61.0	63.2	63.5	64.2	63.6	63.2	63.9	66.9	63.6	61.3	57.4	54.8	59.33
59.0	62.0	63.6	67.2	67.3	63.2	63.0	62.9	67.0	63.0	62.0	59.7	56.23
67.0	68.4	69.0	68.0	68.2	69.0	69.0	70.2	72.7	67.0	64.1	62.0	63.92
63.2	63.0	66.3	63.6	64.7	62.7	59.8	58.3	56.5	55.9	53.8	52.3	59.20
57.2	58.2	58.7	61.2	63.0	66.5	61.8	63.0	62.4	61.8	61.5	58.5	57.21
60.8	60.2	61.5	62.0	63.0	63.2	63.0	61.8	62.0	57.5	56.0	55.8	57.04
54.6	59.7	58.2	59.4	57.5	58.2	58.5	57.0	57.5	55.7	54.5	53.7	55.98
63.89	65.36	66.51	68.15	69.33	69.35	68.33	67.64	66.80	65.20	62.31	60.06	61.80
60.7	63.3	63.8	65.8	66.8	67.5	68.0	68.5	67.2	63.5	61.7	60.0	59.33
64.1	64.5	67.6	68.8	66.6	66.1	64.8	64.0	63.0	59.3	58.5	58.1	60.36
58.9	59.0	60.5	61.6	62.7	63.8	60.0	58.8	58.2	57.5	56.8	56.2	58.31
59.7	61.6	56.8	58.5	58.8	59.4	59.0	58.5	57.5	55.0	54.2	55.0	56.28
57.0	58.1	58.2	60.2	62.3	63.0	63.0	62.8	61.7	58.6	56.9	56.6	57.01
65.8	67.2	70.4	73.0	74.5	73.8	72.2	72.6	70.0	67.5	64.5	62.8	64.06
68.0	68.8	68.2	67.6	66.5	68.7	66.4	63.3	61.6	60.0	58.8	58.4	60.99
62.2	64.5	68.6	68.7	68.0	66.8	68.2	67.6	61.3	57.7	55.3	54.3	60.45
59.0	60.2	61.3	63.7	63.5	64.6	64.4	63.3	62.8	59.5	57.6	57.0	56.85
61.8	65.4	66.5	68.5	67.4	67.2	67.2	66.4	63.7	60.6	58.8	58.3	59.48
66.4	70.7	74.9	76.8	80.2	80.6	82.0	84.2	70.0	65.4	62.5	61.0	65.22
64.2	64.2	63.7	66.6	69.3	70.5	70.7	69.2	73.8	67.5	63.5	61.7	61.63
61.3	62.2	61.8	62.7	63.0	65.6	63.0	66.4	67.2	62.0	58.5	56.2	60.75
64.0	66.6	67.2	65.2	67.0	66.8	69.5	69.5	68.0	64.0	60.0	58.8	60.55
65.0	67.3	70.2	70.0	70.0	70.0	69.8	67.2	66.2	63.2	62.0	60.2	62.05
57.8	60.0	61.0	61.3	63.0	65.0	61.2	60.6	58.8	57.8	57.0	57.0	57.95
58.6	62.6	65.6	69.7	70.7	69.0	66.5	65.2	66.0	66.0	65.0	63.6	59.82
62.6	63.8	63.2	65.5	65.0	63.2	63.2	62.0	60.6	58.4	56.8	56.0	62.37
64.2	69.0	74.0	78.4	74.8	76.5	78.5	76.0	75.7	73.0	67.3	64.3	64.92
65.6	66.0	67.4	68.5	69.5	69.0	69.6	66.7	63.2	62.2	61.2	60.3	63.18
61.1	61.2	62.3	63.0	66.0	67.8	67.2	66.5	64.8	63.2	61.8	60.8	61.41
63.4	64.8	65.4	65.6	66.0	66.7	64.8	64.7	64.4	63.6	62.8	62.8	61.62
67.0	67.2	69.3	77.0	82.7	87.6	87.9	82.0	77.0	70.8	68.2	67.0	70.25
54.8	57.8	61.0	62.6	61.2	60.0	61.2	62.0	61.2	59.2	56.2	55.0	56.97
62.22	64.00	65.37	67.05	67.73	68.30	67.85	67.00	65.16	62.31	60.25	59.22	60.91

STANDARD THERMOMETER.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
MARCH.	1	54.8	54.2	54.0	53.8	53.6	53.3	53.7	53.6	53.5	53.8	53.9	54.8
	2	49.1	47.7	48.4	49.2	—	45.8	45.4	45.0	44.5	43.8	44.5	49.8
	3	52.6	52.6	51.8	50.6	50.2	50.0	49.8	49.5	49.2	49.1	51.2	55.9
	4	60.2	60.7	61.0	60.8	59.7	57.4	56.2	55.0	55.2	55.8	56.0	58.0
	5	60.7	60.3	60.1	59.7	59.6	59.4	58.8	58.4	57.8	57.5	57.4	57.0
	6	56.8	55.0	53.8	—	—	—	—	—	—	—	—	—
	7	—	—	—	53.8	53.4	53.4	53.8	54.7	54.4	54.8	57.0	58.6
	8	56.5	56.8	56.6	56.5	56.4	56.4	56.2	56.0	55.8	55.8	56.8	58.7
	9	60.4	60.2	59.8	59.0	57.7	57.2	57.0	56.5	55.4	56.0	57.4	59.5
	10	59.5	59.2	59.0	58.8	59.0	58.7	57.4	56.3	—	55.4	58.5	62.4
	11	62.5	62.1	62.4	57.8	55.8	55.6	55.2	55.4	55.2	54.8	55.2	56.3
	12	50.0	49.6	49.0	48.8	47.5	47.2	47.2	46.8	47.3	47.6	49.0	50.8
	13	57.2	57.0	56.8	—	—	—	—	—	—	—	—	—
	14	—	—	—	54.6	54.0	53.6	54.6	53.0	53.2	53.2	55.7	58.5
	15	66.0	65.2	63.4	63.2	62.8	62.8	63.0	64.5	62.8	60.6	61.5	63.4
	16	72.8	72.2	71.8	71.2	69.6	67.6	65.1	63.2	63.0	63.0	62.8	63.0
	17	49.7	48.8	48.8	47.8	47.8	47.4	47.0	46.2	45.8	45.0	48.8	51.2
	18	55.6	55.6	54.6	53.4	53.2	53.7	54.0	54.5	54.1	54.1	55.4	56.7
	19	57.3	57.5	57.6	57.1	56.8	56.6	56.6	56.6	56.5	56.5	56.5	58.4
	20	57.3	55.5	54.5	—	—	—	—	—	—	—	—	—
	21	—	—	—	59.8	59.5	59.2	59.2	59.0	59.3	58.9	59.7	61.3
	22	55.8	55.0	54.7	54.3	54.2	53.3	51.3	50.0	50.0	50.4	51.6	54.0
	23	49.8	48.7	49.1	48.6	48.8	47.2	46.6	45.4	46.2	46.5	47.2	48.8
	24	54.8	54.6	53.6	53.2	53.5	53.5	53.2	52.0	51.6	51.3	51.4	52.5
	25	54.3	54.0	53.2	52.5	52.2	52.4	52.4	52.8	53.0	53.2	54.2	52.8
	26	55.6	55.2	55.3	55.4	—	56.2	56.2	55.8	55.7	55.8	55.8	56.0
	27	55.0	54.8	54.6	—	—	—	—	—	—	—	—	—
	28	—	—	—	56.2	56.1	55.6	55.3	55.6	55.4	55.2	55.6	57.0
	29	57.7	57.5	56.3	55.8	—	56.2	57.2	57.4	56.2	52.5	53.0	54.0
	30	51.0	50.6	50.6	50.6	51.5	51.0	50.3	49.7	49.0	49.3	49.7	52.6
	31	51.5	50.3	49.0	47.7	46.2	45.0	44.4	44.2	43.4	43.0	45.0	48.8
Hourly Means	56.46	55.96	55.55	55.20	54.96	54.29	53.97	53.60	53.21	53.07	54.10	55.96	
APRIL.	1	53.0	51.6	50.5	a—	—	—	—	—	—	—	—	
	2	—	—	—	50.0	50.0	50.0	50.0	50.0	49.7	49.7	49.9	51.0
	3	51.2	50.2	49.8	—	—	—	—	—	—	—	—	—
	4	—	—	—	48.6	47.6	46.8	47.8	47.6	47.5	47.7	48.0	49.0
	5	51.4	51.2	49.6	49.8	50.0	51.2	52.0	52.6	53.0	52.8	53.8	54.4
	6	59.8	59.0	59.8	60.0	57.7	56.3	56.4	56.6	56.6	56.4	57.4	58.6
	7	57.8	57.8	57.8	57.8	57.8	57.5	57.2	57.5	57.3	57.2	57.2	58.2
	8	67.4	66.6	64.6	63.6	62.0	61.0	60.0	59.0	58.7	58.5	58.6	59.4
	9	52.3	50.2	49.3	49.0	47.2	46.1	45.0	45.1	44.4	43.6	43.8	45.0
	10	46.8	45.8	44.8	—	—	—	—	—	—	—	—	—
	11	—	—	—	57.0	56.5	56.3	56.8	57.0	58.0	57.8	58.7	58.3
	12	62.8	61.0	59.2	58.8	58.0	58.0	57.8	57.5	56.8	56.2	56.2	56.0
	13	52.6	53.0	52.4	52.4	52.5	52.5	52.2	52.0	52.2	52.0	52.0	53.0
	14	50.0	50.0	50.0	50.0	49.8	49.8	49.8	49.8	49.8	49.4	49.6	50.5
	15	52.0	52.0	52.0	51.4	51.2	51.0	—	50.7	—	50.4	50.4	52.2
	16	55.0	54.5	53.5	52.5	52.2	51.6	50.8	50.8	51.0	50.7	51.1	51.7
	17	55.2	54.4	53.0	—	—	—	—	—	—	—	—	—
	18	—	—	—	59.0	58.5	58.2	58.0	57.8	57.8	57.6	57.8	58.4
	19	46.7	47.0	46.0	45.2	44.8	44.2	44.4	44.6	44.5	44.7	45.0	47.8
	20	50.4	50.0	49.8	49.6	49.5	49.4	48.0	47.5	48.8	48.5	48.7	49.2
	21	51.2	52.0	50.6	50.0	48.0	46.1	45.5	45.3	44.8	43.8	44.4	47.6
	22	51.0	50.6	50.6	49.8	48.5	47.8	47.0	46.0	45.8	45.0	45.6	48.4
	23	50.0	49.5	49.0	48.6	48.0	47.6	47.0	46.0	46.0	45.5	45.5	46.5
	24	57.0	56.2	54.6	—	—	—	—	—	—	—	—	—
	25	—	—	—	49.0	49.0	49.0	49.0	49.2	49.2	48.6	48.8	48.0
	26	47.6	45.6	45.0	44.8	44.6	43.8	43.5	43.0	42.7	42.5	42.5	44.0
	27	43.9	43.8	43.5	43.3	43.8	43.2	43.0	42.8	42.4	41.8	41.8	42.8
	28	46.3	46.8	46.7	46.5	45.8	45.6	45.2	45.0	44.8	44.5	44.5	45.0
	29	44.2	43.4	43.0	42.4	—	40.9	40.0	40.2	40.0	40.0	38.8	40.3
	30	51.2	48.5	48.0	48.0	—	—	—	—	—	—	50.4	51.5
Hourly Means	52.27	51.63	50.92	51.08	51.00	50.16	49.84	49.73	49.64	49.37	49.62	50.67	

* Good Friday.

STANDARD THERMOMETER.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
54.2	56.0	54.4	55.8	56.6	57.4	56.0	56.8	54.5	52.6	51.2	49.6	54.25
54.0	57.3	59.7	60.6	61.6	59.0	58.2	58.2	55.6	54.4	53.0	52.6	52.06
59.0	63.4	66.4	68.2	67.5	67.5	68.2	67.2	65.8	64.2	62.4	61.8	58.09
59.8	61.5	62.2	62.2	61.5	64.8	65.8	63.8	63.4	62.3	61.2	61.0	60.35
56.6	56.2	56.8	58.0	60.3	59.4	58.3	57.8	60.1	58.8	58.0	57.4	58.32
—	—	—	—	—	—	—	—	—	—	—	—	59.54
62.4	64.2	64.2	67.2	66.0	69.4	69.2	66.9	65.3	59.3	58.3	57.2	61.20
60.8	65.6	68.0	69.0	67.6	69.0	69.0	68.8	66.5	63.8	61.6	60.6	60.35
62.2	63.4	65.3	66.0	65.0	64.0	65.0	61.7	60.8	60.0	59.3	59.5	60.35
65.2	70.2	72.8	74.3	75.5	76.5	75.4	75.1	73.0	70.8	66.4	64.0	65.37
59.3	61.4	60.6	60.9	59.0	57.6	55.8	55.2	54.0	52.6	51.2	50.8	56.95
54.2	56.4	58.2	60.0	61.4	62.8	63.0	61.5	61.0	57.3	56.5	56.4	53.73
—	—	—	—	—	—	—	—	—	—	—	—	61.76
62.3	65.0	67.6	68.8	70.8	71.2	73.4	74.6	72.3	67.4	64.8	62.6	72.47
72.2	77.4	83.6	86.0	86.3	85.7	86.8	85.7	84.0	80.4	77.0	75.0	62.42
60.8	60.5	60.5	61.3	61.3	59.7	56.2	57.4	56.6	54.0	52.8	51.8	53.23
54.6	56.5	60.4	59.6	59.6	63.4	61.0	59.6	58.5	57.3	56.8	56.0	58.41
60.0	63.0	65.0	65.0	64.3	64.3	63.7	62.3	62.2	59.6	59.0	58.5	60.30
61.0	63.0	63.8	65.0	66.7	66.0	65.8	66.2	64.2	61.9	60.5	59.0	61.25
—	—	—	—	—	—	—	—	—	—	—	—	54.57
63.6	63.6	66.6	68.6	69.8	67.5	66.2	64.2	62.0	59.6	58.0	57.0	52.92
54.3	55.0	58.0	57.0	60.0	62.3	59.7	57.5	55.7	53.0	52.0	50.6	55.45
54.2	57.2	59.3	63.0	60.6	60.6	60.5	58.6	57.0	55.8	55.2	55.2	54.87
56.6	58.8	59.0	59.6	59.3	61.7	60.0	58.2	56.5	55.6	55.2	55.0	56.24
53.5	54.3	55.5	57.2	58.3	58.6	57.6	57.6	57.3	57.1	56.7	56.1	59.87
57.2	57.6	57.4	57.6	57.4	57.7	57.0	57.2	56.0	55.4	55.0	55.0	55.30
—	—	—	—	—	—	—	—	—	—	—	—	53.18
59.2	62.8	66.2	67.2	69.5	68.3	67.6	67.3	65.0	59.8	59.2	58.3	52.07
56.8	55.0	57.2	56.0	56.6	56.4	57.0	56.0	53.0	52.6	51.0	50.8	57.95
55.0	57.2	57.8	57.6	57.5	58.2	57.8	56.8	54.5	52.8	52.6	52.5	60.65
51.5	55.2	58.8	61.8	63.2	62.7	61.2	58.6	56.2	54.6	54.2	53.2	62.42
58.54	60.65	62.42	63.46	63.93	64.14	63.53	62.62	61.15	59.00	57.74	56.94	63.46
—	—	—	—	—	—	—	—	—	—	—	—	54.12
53.6	56.0	58.2	58.8	60.7	62.3	64.2	60.0	58.0	55.2	53.7	52.8	52.62
—	—	—	—	—	—	—	—	—	—	—	—	56.05
51.2	54.2	57.4	58.2	58.8	60.4	60.0	59.4	58.4	56.6	54.0	52.4	60.43
55.8	57.2	60.0	61.0	61.7	61.8	61.5	61.2	62.0	60.6	60.1	60.5	62.60
62.6	66.3	66.5	72.0	73.6	63.8	60.5	59.0	58.2	58.0	57.6	57.6	61.13
59.7	60.4	63.0	66.6	70.0	71.4	72.8	72.4	70.5	68.0	68.8	67.6	50.52
59.4	62.6	63.6	65.8	64.0	64.5	65.0	62.5	59.4	53.7	54.3	53.0	59.55
49.1	55.3	55.6	57.9	59.3	59.0	58.0	56.2	54.0	52.2	48.8	48.0	56.11
—	—	—	—	—	—	—	—	—	—	—	—	52.40
60.0	62.5	63.4	65.0	65.8	67.5	67.0	66.0	65.5	64.8	64.2	63.8	51.91
55.6	55.5	55.2	55.0	54.8	54.2	54.0	53.0	53.0	52.8	52.6	52.6	55.41
53.8	53.6	53.6	53.8	54.5	54.0	52.5	51.8	51.0	50.2	50.3	49.5	55.80
51.8	52.3	54.8	55.7	55.2	55.5	55.2	54.5	54.0	53.2	52.7	52.4	54.69
55.0	57.8	59.0	61.0	61.4	62.5	62.2	61.0	58.7	56.8	55.3	55.0	49.32
53.8	57.8	61.6	61.6	61.0	62.2	63.2	61.0	59.2	58.0	57.6	56.6	52.73
—	—	—	—	—	—	—	—	—	—	—	—	51.20
59.6	59.0	55.0	54.4	53.0	51.5	51.2	49.2	49.6	48.8	48.0	47.5	51.81
50.0	52.0	53.5	55.8	58.0	57.4	58.0	56.2	53.7	51.4	51.6	51.2	52.67
52.8	55.0	56.0	58.8	60.2	61.2	60.7	58.2	55.4	53.8	52.5	51.5	52.03
51.6	54.3	56.2	59.2	59.3	59.8	58.0	55.8	54.0	51.2	50.0	50.2	45.32
51.2	54.3	56.8	58.3	59.5	60.4	59.8	57.8	55.4	52.0	51.2	50.6	46.12
50.0	52.2	57.0	58.2	59.8	61.0	63.3	61.3	59.0	57.8	58.0	57.2	47.06
—	—	—	—	—	—	—	—	—	—	—	—	45.17
51.5	53.3	56.0	57.5	59.0	57.6	55.4	53.4	51.8	49.2	48.6	47.8	53.90
44.8	45.6	47.0	48.0	49.0	50.5	48.5	47.6	46.0	44.3	43.8	43.0	52.90
45.6	49.7	52.0	51.5	50.0	51.2	51.0	49.2	48.7	47.8	47.0	47.0	47.06
46.5	47.4	49.8	50.5	50.0	51.0	51.4	50.4	48.4	46.6	45.6	45.2	45.17
44.0	48.4	51.4	53.4	57.0	58.0	55.3	55.0	52.8	51.8	53.0	50.8	53.23
53.6	55.0	57.2	57.5	57.0	58.7	60.0	57.2	56.5	54.2	53.2	52.3	—
52.90	55.03	56.80	58.22	58.90	59.10	58.75	57.17	55.73	53.96	53.30	52.64	53.23

STANDARD THERMOMETER.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
MAY.	1	51°2	50°0	49°0	—	—	—	—	—	—	—	—	
	2	—	—	—	46°3	45°7	45°7	45°6	44°7	44°5	44°5	44°8	44°8
	3	54°3	54°3	53°8	53°5	52°8	53°0	53°2	53°5	52°8	52°6	52°4	54°4
	4	56°5	57°0	57°5	56°2	—	57°0	57°2	58°0	57°7	58°0	57°5	57°5
	5	47°4	47°2	47°0	44°5	44°0	43°5	43°0	42°0	42°2	42°4	41°6	44°8
	6	43°8	43°4	43°2	42°6	41°4	40°6	41°0	41°3	42°0	42°6	43°4	46°8
	7	51°0	50°7	51°4	51°1	50°6	50°2	49°8	50°0	48°8	48°0	48°1	48°5
	8	55°4	55°6	55°6	—	—	—	—	—	—	—	—	—
	9	—	—	—	43°3	43°2	43°7	43°6	43°9	44°5	45°0	45°6	45°4
	10	44°5	44°0	44°0	44°0	44°8	44°8	44°8	45°0	44°7	44°5	45°8	46°2
	11	54°0	54°0	55°0	55°1	—	52°6	52°8	52°9	52°2	51°6	52°6	54°4
	12	57°6	56°6	55°7	55°3	54°8	53°8	53°2	52°2	52°0	51°6	51°0	50°8
	13	44°0	43°3	42°4	42°3	—	41°4	41°0	40°4	39°4	38°8	39°0	40°4
	14	44°8	45°0	45°2	45°0	—	44°0	43°0	42°8	42°7	42°3	42°4	43°8
	15	47°7	47°3	46°7	—	—	—	—	—	—	—	—	—
	16	—	—	—	41°4	40°6	40°0	39°4	38°4	37°5	37°7	37°6	38°8
	17	40°8	40°8	39°8	39°0	38°2	37°0	36°0	35°2	34°8	34°2	34°3	34°5
	18	44°1	44°8	44°0	43°3	44°5	44°3	43°2	43°1	—	41°8	42°2	43°8
	19	44°1	43°7	42°2	42°4	41°2	40°0	40°0	39°8	39°2	39°0	39°5	40°2
	20	43°2	43°1	43°4	44°2	43°8	43°8	43°8	43°8	43°8	44°0	44°0	45°0
	21	47°0	46°5	46°6	46°2	46°1	44°6	43°0	42°6	42°6	42°8	42°6	42°2
	22	42°8	42°5	42°5	—	—	—	—	—	—	—	—	—
	23	—	—	—	44°2	44°1	44°2	43°7	43°2	41°4	40°6	39°3	40°0
	24	38°5	37°8	37°5	37°2	37°2	38°0	38°4	39°2	39°5	39°0	38°5	39°8
	25	42°7	42°1	42°4	43°7	44°0	44°2	44°6	45°0	44°1	43°6	43°2	44°0
	26	49°4	49°0	49°0	48°4	47°5	46°3	45°5	45°0	44°5	44°6	44°6	44°9
	27	49°2	49°0	48°8	48°2	—	47°0	46°0	45°2	45°0	44°2	43°8	43°2
	28	40°1	39°1	38°6	38°6	38°4	38°6	38°6	38°6	38°7	39°0	39°0	39°0
	29	42°8	43°3	43°8	—	—	—	—	—	—	—	—	—
	30	—	—	—	45°0	44°7	43°6	43°0	43°0	42°4	41°6	40°4	40°8
	31	47°2	46°0	45°3	45°1	45°4	45°8	45°8	46°0	44°8	44°7	44°2	44°5
Hourly Means	47°08	46°77	46°55	45°58	44°43	44°91	44°58	44°42	44°07	43°80	43°75	44°56	
JUNE.	1	46°6	45°4	45°2	45°2	45°2	45°3	45°5	44°9	44°5	43°3	42°5	42°6
	2	48°6	48°6	48°4	48°1	48°4	47°6	47°2	46°6	46°8	46°8	46°2	46°2
	3	42°4	41°4	42°2	41°4	41°1	40°6	40°0	40°0	38°8	38°8	38°8	38°9
	4	41°8	41°8	42°0	42°0	41°1	40°8	40°9	39°9	39°4	39°2	38°1	38°5
	5	40°5	41°0	40°2	—	—	—	—	—	—	—	—	—
	6	—	—	—	38°8	38°2	37°4	36°8	36°8	35°1	34°5	33°9	34°2
	7	39°2	40°2	40°0	39°6	—	38°7	39°0	38°7	38°4	38°3	38°0	38°3
	8	42°5	41°8	40°5	39°7	39°2	38°7	38°6	39°0	—	39°0	39°6	39°4
	9	40°6	41°1	41°2	41°0	41°6	41°0	41°0	41°4	40°8	40°3	40°3	41°0
	10	46°1	46°0	45°3	45°0	44°9	44°5	44°2	44°0	44°0	44°0	44°0	44°6
	11	45°0	44°8	44°0	43°2	41°7	40°0	39°9	39°0	37°6	37°0	36°6	37°0
	12	44°0	43°7	43°6	—	—	—	—	—	—	—	—	—
	13	—	—	—	38°7	39°0	39°2	40°0	40°4	39°8	40°3	41°0	43°2
	14	45°5	45°2	43°8	42°5	41°1	39°8	40°0	38°0	—	36°8	38°0	40°0
	15	44°7	44°7	44°4	44°0	44°4	44°8	45°2	45°2	44°8	44°6	44°0	44°1
	16	38°8	38°2	38°4	38°0	38°0	38°0	38°0	38°3	38°2	38°2	38°4	38°2
	17	46°0	45°5	44°9	45°0	44°6	44°1	44°1	43°7	43°8	43°8	43°8	44°0
	18	48°3	48°2	46°2	44°3	44°0	42°8	41°0	40°4	39°8	39°2	39°2	39°0
	19	41°0	40°0	39°4	—	—	—	—	—	—	—	—	—
	20	—	—	—	50°2	49°4	49°0	48°4	48°1	47°2	46°6	46°6	47°0
	21	42°2	42°0	40°6	40°3	—	39°6	39°4	39°0	39°2	39°8	39°7	39°7
	22	43°1	44°3	41°7	42°7	42°4	41°4	40°2	39°0	38°6	38°2	37°2	37°6
	23	44°0	42°4	40°8	41°0	—	39°3	38°9	39°3	39°6	38°6	39°0	38°6
	24	42°2	41°3	40°7	40°6	40°6	39°5	40°2	37°8	38°0	37°8	37°6	38°2
	25	43°0	41°4	40°0	39°0	38°0	37°6	36°8	36°5	35°7	36°2	36°7	36°4
	26	34°2	33°5	33°2	—	—	—	—	—	—	—	—	—
	27	—	—	—	34°2	34°0	33°8	33°8	33°6	33°9	33°9	34°3	34°9
	28	42°4	42°3	42°2	41°0	41°0	40°0	39°4	39°0	38°8	38°8	38°8	38°8
	29	38°3	37°4	38°3	37°6	37°5	37°2	35°4	34°3	33°8	33°8	33°6	33°2
	30	40°2	39°4	38°7	38°3	38°2	38°5	39°0	39°5	—	37°9	37°2	37°2
	Hourly Means	42°74	42°37	41°77	41°60	41°46	40°74	40°50	40°01	39°85	39°45	39°35	39°65

STANDARD THERMOMETER.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
48°0	49°4	52°0	52°2	51°7	53°0	53°8	53°1	52°5	52°0	53°8	54°3	49°28
56°0	59°0	59°6	60°5	59°8	59°8	59°0	57°0	55°5	55°5	55°8	56°3	55°60
58°2	56°8	55°5	55°0	54°6	54°6	55°0	54°0	51°4	49°3	49°1	48°3	55°30
43°6	46°6	47°6	49°0	51°0	50°2	49°5	48°3	46°0	44°6	44°0	44°0	45°58
49°0	51°0	53°3	53°8	55°0	56°0	55°2	54°3	53°7	52°6	52°2	51°8	47°92
50°3	52°2	54°6	56°0	56°5	57°5	57°0	55°8	55°0	55°0	55°0	55°0	52°42
46°0	47°5	49°0	49°2	50°0	49°7	49°8	49°0	47°8	47°7	46°3	45°1	47°58
47°0	48°3	50°6	54°0	58°0	57°6	57°8	57°5	56°4	55°6	55°2	55°0	49°59
56°8	60°0	62°6	63°8	63°5	64°0	63°0	61°5	59°3	58°2	58°2	58°0	57°22
50°6	52°0	52°8	53°0	53°0	52°9	51°0	50°6	48°7	46°8	45°1	44°1	51°88
44°1	47°0	49°9	51°6	53°0	52°8	51°0	50°8	47°6	45°8	44°8	44°8	45°03
45°6	49°2	52°2	54°0	54°0	52°8	51°3	50°2	50°0	49°0	48°7	48°0	47°22
41°2	43°8	44°8	46°8	48°8	50°0	49°8	48°6	45°0	43°8	42°8	41°6	43°34
39°4	42°6	45°0	48°8	50°0	52°4	52°3	51°3	49°8	47°0	45°7	44°9	42°24
45°8	51°0	52°2	52°2	53°0	54°8	52°6	50°4	48°2	47°7	45°8	45°8	46°90
42°7	45°2	49°0	50°2	51°4	52°6	52°0	49°8	46°4	45°2	43°6	42°6	44°25
46°0	49°0	52°4	55°6	58°0	58°0	57°2	55°2	51°6	49°9	48°5	47°2	48°15
44°5	46°2	46°3	45°5	45°4	46°0	44°5	44°0	42°5	42°7	42°7	42°3	44°40
42°2	45°3	49°0	50°0	51°3	50°7	49°8	48°0	44°1	43°0	40°6	39°2	44°24
44°5	47°0	51°0	52°3	54°0	54°2	51°6	49°6	48°2	45°6	—	44°0	43°60
45°5	47°6	50°6	50°6	52°0	51°8	51°5	49°8	49°2	48°7	48°6	49°4	46°62
46°8	48°6	50°2	53°0	53°0	52°7	52°6	51°8	50°8	50°3	49°8	48°0	48°60
44°0	48°2	49°2	50°4	51°2	51°5	51°0	49°0	45°0	43°2	41°5	41°0	46°73
40°7	43°8	46°5	48°6	49°6	51°5	50°3	48°8	46°2	45°7	45°0	43°6	42°77
41°5	42°7	45°5	45°7	47°8	48°2	48°5	47°7	47°1	47°3	47°0	47°3	44°61
44°8	48°3	50°9	52°4	53°4	52°8	51°6	50°6	49°4	47°8	46°6	46°5	47°50
46°34	48°78	50°86	52°08	53°04	53°39	52°64	51°41	49°52	48°46	47°86	47°23	47°64
45°8	48°6	50°8	53°2	53°5	52°6	52°0	50°7	49°7	48°5	48°5	48°4	47°44
46°2	47°0	48°2	49°8	50°0	47°3	46°4	44°7	44°2	43°4	42°7	42°3	46°74
41°5	43°5	45°6	46°4	47°5	45°3	44°2	43°0	42°4	42°2	42°5	41°4	42°08
41°2	43°6	45°0	46°4	47°8	44°0	44°3	43°8	43°0	42°4	41°9	41°4	42°10
38°5	41°3	44°3	46°8	48°0	47°6	46°8	44°2	41°8	39°8	39°2	38°6	40°18
40°6	42°2	45°0	46°6	46°8	47°8	47°7	45°7	44°0	44°0	43°0	43°0	41°94
39°8	41°2	43°2	45°6	48°5	49°3	49°0	46°2	43°6	42°4	42°7	40°9	42°19
42°1	43°8	45°2	47°7	48°2	49°8	48°8	48°4	47°4	46°0	46°0	46°0	43°78
45°4	47°2	47°6	48°8	49°3	49°5	49°2	48°0	46°0	45°6	45°3	45°2	45°99
39°2	40°9	42°5	44°3	45°3	47°1	47°0	46°0	44°8	44°5	44°2	44°1	42°32
44°2	46°6	49°6	53°0	52°0	53°3	52°5	51°1	49°9	48°7	48°8	47°5	45°42
42°2	43°5	44°7	47°8	47°2	47°7	48°0	45°9	44°4	44°2	44°3	44°5	43°26
46°7	48°2	48°7	50°2	48°2	48°8	48°0	45°8	44°0	43°2	42°4	41°0	45°42
38°8	42°0	44°6	48°2	50°0	51°0	51°2	50°0	47°7	—	45°5	46°0	42°33
45°6	46°2	47°8	48°2	47°6	50°1	49°2	50°2	49°8	49°6	49°2	48°6	46°47
41°3	42°3	43°6	45°9	45°4	45°8	46°6	45°0	43°5	42°6	41°2	41°6	43°22
46°4	48°5	49°8	49°8	50°8	51°0	48°3	46°6	45°3	44°7	43°9	43°0	46°71
42°2	44°3	46°4	48°8	49°0	49°4	49°0	47°0	44°3	43°1	42°2	41°5	42°99
40°0	43°6	46°0	49°2	51°2	50°6	49°3	48°3	47°0	43°6	44°7	45°3	43°55
42°0	44°0	46°8	48°6	49°3	50°6	49°9	49°4	47°6	46°0	44°8	43°2	43°64
41°0	42°0	44°3	46°7	48°6	50°4	51°4	50°0	47°8	47°6	46°0	45°5	43°16
36°6	39°4	41°4	44°9	45°5	45°8	46°8	43°7	40°2	38°3	37°0	34°8	39°65
35°2	37°0	38°0	40°0	42°2	44°0	43°0	42°4	41°2	40°9	41°5	42°2	37°29
38°6	39°6	42°4	45°6	47°5	48°2	48°1	45°5	42°2	40°5	40°6	38°6	41°66
35°2	37°6	41°0	44°0	45°1	47°6	48°4	47°9	45°8	42°5	41°5	41°0	39°50
38°4	41°6	44°0	45°0	48°2	48°4	48°0	46°0	44°0	42°8	40°7	39°5	41°33
41°33	43°30	45°25	47°37	48°18	48°58	48°20	46°75	45°06	43°88	43°47	42°89	43°09

STANDARD THERMOMETER.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
JULY.	1	39°5	39°4	39°0	39°2	39°2	39°0	39°0	39°3	40°8	43°5	46°2	47°2
	2	43°5	43°3	42°8	42°2	41°6	41°4	41°3	41°1	—	40°8	40°6	41°4
	3	42°7	41°8	42°3	—	—	—	—	—	—	—	—	—
	4	—	—	—	45°6	45°6	45°1	44°9	45°0	44°8	44°1	43°5	44°0
	5	43°7	43°5	44°0	43°8	41°7	40°5	39°7	39°1	38°5	38°0	37°5	37°8
	6	42°1	40°2	38°3	37°8	37°0	36°4	36°0	35°6	35°0	33°8	33°2	33°0
	7	40°0	39°5	39°2	38°5	37°6	37°6	37°6	37°6	37°8	37°6	37°4	37°6
	8	41°8	41°0	40°6	40°3	40°0	39°3	38°3	37°6	38°0	38°2	38°2	38°6
	9	40°1	39°5	40°8	40°3	—	40°2	40°2	40°2	40°3	40°6	40°8	40°7
	10	43°4	43°4	42°8	—	—	—	—	—	—	—	—	—
	11	—	—	—	44°3	44°6	43°5	43°0	42°2	—	—	—	42°7
	12	43°6	42°6	41°3	40°5	40°7	39°8	39°3	38°8	—	37°0	36°8	37°2
	13	39°0	39°6	39°6	39°4	39°2	39°1	39°0	38°6	38°5	38°5	37°8	38°7
	14	47°2	46°3	45°8	45°5	45°8	45°5	45°5	45°2	45°0	45°0	44°8	45°0
	15	45°6	45°2	45°3	44°7	42°8	42°6	42°2	42°0	42°8	42°4	41°8	41°9
	16	42°6	42°4	42°2	42°0	42°0	42°0	43°1	42°0	41°7	41°8	42°3	42°8
	17	45°2	45°8	45°5	—	—	—	—	—	—	—	—	—
	18	—	—	—	46°2	45°0	44°6	43°8	43°0	42°5	42°0	42°0	42°2
	19	45°0	45°6	45°6	46°4	46°0	45°8	45°8	46°0	45°8	45°8	45°8	46°2
	20	44°3	43°2	42°4	41°4	40°7	39°2	38°7	37°0	37°2	37°0	37°4	37°6
	21	39°2	37°7	40°2	39°6	39°0	38°5	38°0	37°8	36°6	36°3	38°0	38°0
	22	44°5	44°4	44°2	44°0	43°9	44°2	44°0	43°3	42°5	39°7	39°2	39°3
	23	44°7	44°5	44°5	44°5	43°2	43°0	42°9	42°3	42°4	41°8	41°0	42°6
	24	42°6	42°0	41°3	—	—	—	—	—	—	—	—	—
	25	—	—	—	43°0	42°5	42°0	41°2	40°0	39°1	38°6	38°0	39°0
	26	43°8	43°7	43°2	42°8	43°6	44°6	41°7	41°1	42°0	42°8	44°0	44°6
	27	48°3	48°7	48°3	47°5	47°2	46°4	46°0	45°6	45°8	46°0	45°2	45°0
	28	43°0	42°2	42°0	41°6	41°7	41°3	41°0	40°5	39°7	39°1	39°3	40°7
	29	41°8	42°6	43°0	42°8	42°5	42°5	42°5	42°5	—	42°6	43°0	43°8
	30	45°0	44°2	43°0	41°8	41°2	40°6	40°0	39°4	39°7	39°8	40°0	39°8
Hourly Means	43°16	42°78	42°58	42°53	42°17	41°72	41°34	40°88	40°75	40°51	40°55	41°05	
AUGUST.	July 31	43°4	43°4	42°4	—	—	—	—	—	—	—	—	—
	1	—	—	—	40°0	39°3	39°5	39°6	39°0	38°4	37°8	36°6	38°0
	2	44°4	44°6	44°1	43°3	43°2	43°2	43°2	43°4	43°8	43°8	43°2	43°8
	3	47°4	46°8	46°2	45°4	44°4	44°0	43°3	42°9	42°7	42°0	41°9	43°3
	4	45°6	46°0	45°5	45°1	45°2	45°0	44°7	44°0	43°4	43°0	42°2	42°8
	5	44°3	43°3	43°0	43°2	43°0	42°4	41°8	41°0	—	39°5	38°8	39°4
	6	42°8	43°2	43°4	43°8	42°0	42°5	42°8	42°8	42°4	40°0	39°8	40°9
	7	46°3	44°8	43°3	—	—	—	—	—	—	—	—	—
	8	—	—	—	—	43°4	42°2	41°0	40°0	40°0	39°0	38°2	40°5
	9	43°6	42°0	42°4	42°4	41°8	41°5	41°0	41°0	42°0	42°0	41°4	42°8
	10	47°0	46°5	46°8	47°0	—	46°5	46°5	45°8	45°5	45°4	45°0	47°0
	11	49°2	49°5	48°6	47°4	—	48°0	48°7	49°3	49°4	49°4	49°8	48°0
	12	46°0	45°8	44°0	43°0	41°8	41°3	40°8	40°8	—	40°4	41°3	41°1
	13	53°5	53°5	52°8	52°8	53°7	55°0	52°9	50°5	—	48°0	47°6	47°8
	14	43°8	43°3	43°0	—	—	—	—	—	—	—	—	—
	15	—	—	—	45°0	44°6	44°2	44°0	44°6	45°2	44°7	45°6	48°1
	16	49°0	48°7	48°0	48°0	47°2	45°6	45°1	45°2	47°0	47°0	46°7	47°7
	17	50°3	49°3	49°2	48°7	—	47°0	46°2	46°2	45°8	45°5	45°5	47°0
	18	46°8	46°0	46°8	47°6	46°8	46°8	47°0	46°8	46°7	45°8	45°3	47°6
	19	45°0	45°2	44°0	44°3	43°4	41°7	42°0	43°7	44°0	44°2	43°2	44°5
	20	42°8	43°3	43°7	43°3	43°6	44°0	44°0	44°0	—	42°5	42°6	46°0
	21	41°2	40°8	40°8	—	—	—	—	—	—	—	—	—
	22	—	—	—	43°8	43°5	43°4	43°4	42°6	42°4	42°4	43°0	45°4
	23	45°6	45°3	44°5	42°3	41°8	41°0	40°6	40°0	39°3	39°2	39°2	42°0
	24	44°0	43°0	42°8	42°6	41°8	42°0	40°7	39°8	39°6	39°1	39°0	41°2
	25	40°8	39°3	38°8	37°8	37°2	36°8	36°5	36°3	36°0	36°0	36°8	39°8
	26	49°2	49°2	48°6	48°5	—	47°8	47°6	47°0	47°2	46°3	47°0	48°0
	27	53°0	53°4	52°6	51°8	50°2	49°6	49°0	48°8	48°0	51°6	55°6	56°1
	28	50°0	50°3	50°6	—	—	—	—	—	—	—	—	—
	29	—	—	—	44°6	44°6	44°4	44°4	43°8	43°0	42°8	43°3	46°5
	30	47°6	46°6	46°2	46°2	46°4	46°5	46°0	45°5	45°0	45°2	46°0	47°5
	31	49°8	49°0	48°5	48°2	—	48°2	48°3	48°6	48°4	48°0	49°0	52°0
Hourly Means	46°38	46°00	45°58	45°23	44°04	44°45	44°12	43°83	43°70	43°36	43°46	44°99	

STANDARD THERMOMETER.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
48°0	48°6	47°4	48°0	47°8	45°7	46°8	45°7	—	43°7	44°0	43°9	43°52
42°6	43°0	45°2	45°5	46°4	46°4	46°3	44°7	45°1	44°2	44°3	44°0	43°38
—	—	—	—	—	—	—	—	—	—	—	—	—
45°0	47°0	48°5	50°2	50°0	50°4	49°5	48°2	46°9	45°0	44°5	42°5	45°71
40°0	43°2	45°1	49°3	49°3	48°9	48°8	47°1	45°2	43°3	41°0	41°3	42°93
33°8	36°5	39°4	41°6	43°8	44°8	44°3	43°7	41°8	41°5	—	—	38°62
39°8	41°6	43°0	45°6	46°4	47°5	48°5	47°0	45°6	44°0	43°0	42°3	41°35
39°8	41°3	43°8	45°2	46°5	47°0	45°8	45°2	43°2	42°0	41°3	40°7	41°40
42°2	45°6	46°4	50°0	51°2	50°8	49°8	48°8	48°2	48°0	47°2	44°6	42°35
—	—	—	—	—	—	—	—	—	—	—	—	—
43°5	47°3	50°0	50°7	53°0	51°2	50°3	49°0	46°7	45°7	44°8	44°4	46°02
39°2	41°6	43°5	46°9	48°8	49°0	48°0	46°2	43°0	41°0	40°0	39°0	41°90
40°2	43°6	47°6	47°4	47°5	49°6	48°7	48°3	47°2	47°0	47°5	47°0	42°86
45°4	46°2	46°8	48°7	49°3	48°7	48°3	48°2	47°4	47°1	46°4	46°2	46°47
44°6	46°3	48°4	48°9	48°2	47°3	46°5	46°2	44°8	44°4	43°4	43°0	44°64
44°6	45°0	46°2	47°0	47°0	47°4	47°3	45°9	44°8	44°4	44°2	44°8	43°98
—	—	—	—	—	—	—	—	—	—	—	—	—
43°0	45°5	49°5	51°5	53°2	53°4	53°0	51°0	48°6	47°6	46°6	45°6	46°51
47°4	50°0	52°0	54°4	54°6	52°2	50°8	49°6	47°8	46°2	45°7	44°7	47°72
38°3	39°2	40°7	41°1	41°6	43°2	44°2	43°4	42°2	40°8	39°8	39°2	40°41
38°6	39°4	40°0	41°6	42°2	43°7	45°0	46°5	46°2	46°6	46°0	45°6	40°85
43°0	46°6	48°6	51°4	51°8	52°0	50°8	49°8	47°8	46°2	45°8	45°0	45°50
44°6	46°3	46°2	47°0	48°3	48°4	48°7	47°4	45°4	43°3	42°8	42°6	44°54
—	—	—	—	—	—	—	—	—	—	—	—	—
40°4	43°0	44°0	45°4	46°0	45°8	45°0	44°5	43°8	44°1	44°2	44°2	42°49
46°8	48°2	48°5	49°8	51°2	52°2	51°7	50°5	48°6	48°1	48°1	48°1	46°24
48°6	51°4	53°6	54°6	54°6	55°0	55°0	53°4	49°8	47°2	45°4	43°8	48°85
43°6	43°0	43°4	44°4	44°8	46°3	47°2	46°8	43°8	43°0	42°0	42°2	42°61
45°8	48°0	51°5	52°2	52°2	49°3	48°0	47°5	46°6	45°9	45°4	45°2	45°53
41°3	44°1	46°7	50°2	51°8	52°0	52°0	49°2	46°6	46°4	45°6	45°0	44°40
42°70	44°67	46°38	48°02	48°75	48°78	48°47	47°45	45°88	44°87	44°36	43°80	43°94
—	—	—	—	—	—	—	—	—	—	—	—	—
40°8	43°5	49°0	49°6	50°0	50°4	49°8	48°5	46°4	44°4	43°4	44°2	43°22
44°0	46°7	48°0	49°4	49°0	49°2	50°4	48°6	48°2	47°8	48°0	47°6	45°87
46°6	50°0	51°0	51°2	51°5	51°8	53°5	51°5	49°7	48°5	46°5	45°0	46°96
43°8	47°0	49°0	51°1	53°4	53°3	51°2	49°7	48°3	46°6	45°2	45°0	46°50
40°5	43°0	43°7	46°3	46°8	45°8	46°2	45°2	44°4	43°6	43°6	42°8	43°11
44°0	48°2	51°5	52°6	51°5	53°2	54°3	53°0	50°0	48°8	47°8	47°8	46°21
—	—	—	—	—	—	—	—	—	—	—	—	—
43°0	45°3	48°8	51°2	54°6	53°0	52°0	49°8	48°8	46°2	45°2	45°0	45°28
46°4	49°6	53°0	52°0	52°5	51°5	51°2	50°0	49°0	48°0	47°2	47°0	45°89
48°8	50°8	52°5	53°2	56°1	57°2	56°3	55°2	53°3	52°2	51°0	49°7	49°80
49°0	51°6	54°6	55°7	55°6	57°0	57°0	55°0	52°0	49°0	48°2	48°0	50°87
42°4	45°0	46°4	49°4	54°2	60°2	60°5	60°2	58°2	56°8	55°0	54°0	48°20
48°6	50°8	53°2	55°2	52°2	53°7	53°0	50°9	47°8	46°3	45°0	44°4	50°83
—	—	—	—	—	—	—	—	—	—	—	—	—
49°3	51°5	54°2	54°8	56°4	56°2	55°2	55°0	53°0	50°8	50°5	49°5	48°85
50°2	52°2	55°2	58°0	60°1	60°3	59°0	57°3	55°7	53°7	52°1	51°0	51°25
47°6	50°2	50°6	52°2	52°7	54°5	54°7	54°2	51°2	49°4	48°8	47°6	49°32
50°2	51°8	53°6	55°4	56°1	57°0	57°0	56°0	51°5	47°8	45°7	45°5	49°48
44°6	44°2	44°6	45°5	46°2	47°5	47°8	48°0	46°7	46°2	44°6	43°8	44°78
46°7	48°8	49°8	48°6	48°4	48°8	50°2	48°0	45°4	44°0	42°8	41°6	45°34
—	—	—	—	—	—	—	—	—	—	—	—	—
48°0	51°5	52°8	54°7	54°6	55°4	54°3	52°3	49°6	48°7	47°3	46°6	47°02
45°7	49°3	51°3	54°2	53°6	53°8	51°4	49°0	48°2	46°8	45°4	44°8	45°60
45°0	47°8	51°0	53°4	52°5	50°8	52°0	50°8	47°4	45°5	43°4	42°0	44°88
43°0	46°5	49°5	52°2	54°4	54°8	55°3	54°4	51°3	49°7	49°8	49°3	44°26
51°6	55°0	58°0	60°5	62°5	63°7	62°8	61°5	59°0	56°2	55°4	53°6	53°31
55°8	55°0	57°2	58°2	57°6	60°0	59°6	56°4	54°2	53°0	51°8	50°5	53°71
—	—	—	—	—	—	—	—	—	—	—	—	—
48°7	50°5	54°2	54°8	56°0	55°6	54°4	53°2	52°0	49°6	48°6	48°0	48°91
50°4	53°4	54°6	56°4	57°9	57°5	56°7	55°7	53°8	51°8	50°7	50°2	50°16
54°6	56°8	59°3	62°0	63°5	65°0	62°3	62°8	60°4	58°6	58°5	56°8	54°72
47°01	49°48	51°72	53°25	54°07	54°71	54°37	53°04	50°94	49°26	48°20	47°46	47°94

STANDARD THERMOMETER.														
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11		
	9	10	11	12	13	14	15	16	17	18	19	20		
SEPTEMBER.	1	55°0	54°7	53°6	52°6	52°5	51°5	50°2	49°5	—	48°0	47°7	48°0	
	2	47°2	47°0	46°6	46°4	46°5	46°5	46°7	46°8	46°8	47°0	47°3	47°6	
	3	49°1	48°6	48°3	48°3	—	—	47°8	47°8	47°6	47°9	48°2	48°7	50°5
	4	52°5	52°2	52°5	—	—	—	—	—	—	—	—	—	—
	5	—	—	—	50°0	49°8	49°0	48°3	45°8	44°6	44°8	46°3	49°0	
	6	47°2	45°3	43°4	43°2	42°3	42°6	42°7	42°1	42°2	42°5	42°8	43°5	
	7	48°2	49°3	49°3	50°2	50°6	49°4	48°6	47°4	45°5	46°3	47°6	51°2	
	8	52°4	51°2	50°4	50°0	49°3	48°7	47°8	47°2	47°0	47°3	48°8	51°3	
	9	49°0	48°2	48°0	46°8	46°2	46°3	46°3	45°7	45°6	46°0	47°4	49°6	
	10	52°2	51°7	51°3	51°5	51°6	51°6	51°4	51°2	49°8	49°5	50°1	52°1	
	11	41°4	39°6	39°5	—	—	—	—	—	—	—	—	—	
	12	—	—	—	41°7	41°3	40°3	39°7	39°2	39°4	39°4	41°2	44°4	
	13	46°0	44°6	43°7	43°0	42°0	41°0	40°0	39°2	39°0	38°5	40°0	42°3	
	14	43°4	42°0	43°4	46°0	45°0	45°0	43°8	43°5	44°2	44°2	45°2	46°6	
	15	55°2	56°0	55°0	55°9	55°0	53°6	52°7	51°7	—	54°4	55°4	54°8	
	16	58°2	58°0	58°3	59°0	58°8	58°8	59°0	59°0	—	61°0	61°2	62°3	
	17	56°8	56°8	55°8	55°0	—	—	—	—	—	47°3	48°3	51°0	
	18	51°2	50°0	50°0	—	—	—	—	—	—	—	—	—	
	19	—	—	—	50°6	49°6	49°0	48°4	47°6	46°0	46°5	48°0	53°5	
	20	46°8	45°6	45°6	46°6	46°0	45°0	44°0	44°0	44°7	44°8	47°8	49°5	
	21	51°8	51°1	50°8	50°2	49°7	50°0	49°7	49°3	—	50°0	50°2	51°8	
	22	51°7	50°7	50°3	50°3	49°5	49°0	48°8	48°0	46°3	45°3	48°2	51°6	
	23	54°0	53°7	53°5	51°9	48°0	47°0	45°6	44°6	44°0	44°2	46°2	47°3	
	24	45°2	43°0	42°5	43°8	43°7	43°5	44°0	44°0	44°6	44°4	45°0	47°0	
	25	42°2	41°5	41°5	—	—	—	—	—	—	—	—	—	
	26	—	—	—	43°0	41°6	41°2	40°2	40°6	39°6	38°8	42°3	45°4	
	27	55°5	54°5	54°6	55°0	54°4	56°3	57°8	58°8	57°0	54°6	55°8	60°0	
	28	46°0	46°6	45°3	44°3	44°0	43°4	43°0	42°2	—	42°2	43°1	45°0	
	29	41°6	42°0	41°8	40°2	39°0	38°3	37°0	36°2	36°3	37°1	39°4	44°6	
	30	45°2	45°0	45°9	45°2	44°6	45°0	44°2	44°2	—	41°4	45°8	47°6	
Hourly Means	49°42	48°80	48°50	48°49	47°54	47°20	46°72	46°22	44°76	45°91	47°30	49°52		
OCTOBER.	1	47°1	45°2	44°4	43°9	43°8	43°6	43°4	41°8	41°5	41°6	45°2	47°8	
	2	45°0	44°4	44°0	—	—	—	—	—	—	—	—	—	
	3	—	—	—	48°2	47°7	47°7	47°5	47°6	48°6	49°0	49°4	49°4	
	4	40°2	39°2	39°4	40°3	40°6	40°2	40°2	39°8	39°5	40°7	43°5	45°8	
	5	46°0	44°6	44°2	43°8	44°0	44°0	45°0	46°0	47°1	47°4	49°4	50°3	
	6	50°8	50°4	50°0	50°0	50°0	49°0	48°3	47°8	47°8	47°6	49°6	53°6	
	7	49°2	49°6	49°0	47°5	—	47°0	46°8	46°6	46°9	48°3	51°2	53°8	
	8	51°2	49°8	48°8	48°0	47°7	47°0	45°9	46°4	46°6	48°3	52°9	56°6	
	9	64°8	62°2	59°0	—	—	—	—	—	—	—	—	—	
	10	—	—	—	52°2	52°4	52°8	53°0	53°0	53°2	53°8	54°2	56°0	
	11	55°8	55°4	55°2	54°6	54°0	53°3	53°6	53°8	53°3	53°7	54°5	55°5	
	12	49°2	49°0	48°6	48°0	47°1	46°0	45°6	44°3	45°0	45°6	46°6	48°8	
	13	47°5	47°3	46°2	45°7	45°5	45°2	44°8	44°7	—	46°5	47°4	49°5	
	14	46°0	45°6	44°4	43°6	—	43°3	43°0	42°2	42°4	42°8	46°2	48°3	
	15	44°6	43°5	43°2	41°2	39°8	38°3	38°3	38°8	39°4	40°0	45°6	49°2	
	16	46°2	45°2	43°7	—	—	—	—	—	—	—	—	—	
	17	—	—	—	57°5	57°2	57°0	56°8	56°8	56°0	59°3	64°7	69°5	
	18	51°8	51°0	50°2	49°2	48°6	47°1	46°2	45°8	47°0	48°4	53°2	54°6	
	19	51°0	50°7	50°7	50°7	—	—	50°8	50°6	50°3	51°0	52°0	53°5	
	20	54°4	53°6	51°4	50°6	50°7	50°5	50°2	50°0	50°3	50°3	51°0	51°5	
	21	48°8	48°5	48°2	47°6	47°2	47°0	46°8	45°4	45°0	44°5	45°8	51°5	
	22	44°8	43°4	43°5	43°6	43°8	44°4	44°2	44°0	43°5	45°0	46°2	48°8	
	23	44°0	42°0	40°6	—	—	—	—	—	—	—	—	—	
	24	—	—	—	47°7	47°6	47°3	47°0	47°0	47°6	49°0	51°6	53°8	
	25	52°0	51°6	51°0	50°6	50°2	49°7	49°0	48°0	48°3	51°4	55°2	58°4	
	26	53°0	51°6	51°0	50°6	48°7	48°0	47°2	46°2	46°5	47°6	49°7	53°4	
	27	49°2	48°7	48°5	48°2	—	47°5	47°3	47°3	48°0	48°6	50°0	52°0	
	28	52°5	52°2	52°1	51°7	—	51°6	51°0	50°6	49°7	—	49°8	50°5	
	29	50°8	50°6	50°6	50°4	51°2	51°0	51°0	51°0	50°8	51°7	54°3	55°6	
	30	58°8	58°5	58°5	—	—	—	—	—	—	—	—	—	
	31	—	—	—	62°8	60°0	58°8	56°0	55°0	53°8	53°8	55°8	59°0	
Hourly Means	49°80	48°99	48°32	48°78	48°47	47°90	47°65	47°33	47°52	48°24	50°58	52°95		

STANDARD THERMOMETER.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
48.3	49.0	50.3	49.4	48.6	48.4	47.8	47.6	47.6	47.4	47.4	47.4	49.67
49.0	50.0	52.0	52.6	53.4	53.5	52.7	51.8	50.6	50.2	50.0	49.7	49.08
51.6	54.5	55.0	58.2	59.4	60.4	59.0	57.7	56.0	54.7	54.1	53.2	52.46
—	—	—	—	—	—	—	—	—	—	—	—	—
51.7	54.7	54.3	56.2	58.7	57.5	55.8	54.8	53.0	50.8	49.0	48.0	51.22
47.0	50.5	53.6	55.5	57.2	59.2	60.2	60.0	57.0	53.1	50.6	49.1	48.87
54.6	58.3	61.0	68.6	70.4	68.6	69.6	66.6	64.8	62.5	55.8	54.2	55.77
54.4	57.6	59.4	60.2	60.5	60.3	59.9	57.2	54.5	52.2	49.8	49.4	52.78
50.6	51.5	52.7	54.8	56.2	58.5	58.5	57.2	55.4	54.1	53.3	52.8	50.86
53.0	54.7	54.1	54.7	53.8	54.6	51.4	51.6	49.0	46.2	44.1	41.6	50.95
—	—	—	—	—	—	—	—	—	—	—	—	—
47.9	50.2	52.7	53.2	56.3	56.0	56.8	55.8	53.3	50.0	47.7	46.4	46.40
46.6	49.3	51.8	54.3	56.2	54.6	54.0	54.0	52.0	48.4	46.4	44.2	46.30
48.6	49.0	52.4	55.6	55.3	58.0	60.0	62.0	59.5	56.2	54.5	54.4	49.91
56.6	57.3	60.0	63.2	62.4	65.9	65.7	63.7	62.0	61.6	59.6	59.0	58.12
65.5	65.8	68.6	68.3	68.5	68.8	68.5	66.8	63.3	60.2	59.4	58.2	62.41
54.0	56.4	59.2	59.8	61.0	61.3	60.6	58.0	55.0	52.5	51.6	51.5	55.36
—	—	—	—	—	—	—	—	—	—	—	—	—
56.0	60.5	60.8	61.8	65.0	64.6	63.8	60.6	52.4	49.8	49.0	48.0	53.45
50.6	51.6	54.4	56.0	57.0	59.5	59.5	57.6	55.5	53.5	53.0	53.0	50.48
53.4	55.0	57.5	58.8	61.4	60.7	61.8	61.4	58.5	56.0	53.8	52.5	54.15
54.0	55.6	56.2	57.3	59.5	62.2	61.8	62.0	59.8	58.0	56.8	54.8	53.65
49.8	51.6	53.4	55.4	54.8	57.0	58.5	57.8	53.0	48.8	46.9	46.2	50.55
49.7	50.6	53.0	52.3	51.4	52.2	51.6	49.6	46.0	43.2	42.6	42.1	46.46
—	—	—	—	—	—	—	—	—	—	—	—	—
50.0	53.3	56.5	59.8	63.2	64.6	64.0	63.3	60.6	58.4	56.7	56.0	50.19
62.8	61.0	57.2	56.0	51.7	52.0	52.0	54.2	52.8	51.2	48.6	47.2	55.04
53.2	53.4	56.2	58.5	61.2	56.0	50.7	49.8	49.0	47.4	44.8	42.6	48.17
46.2	50.0	51.8	52.0	49.8	48.7	49.2	51.8	51.6	48.3	47.4	45.8	44.42
49.8	51.2	53.5	52.6	54.0	57.0	57.8	56.5	53.5	51.6	50.0	48.8	49.15
52.11	53.95	55.68	57.12	57.96	58.47	58.12	57.28	54.83	52.55	50.88	49.85	51.38
52.9	52.7	54.2	54.5	53.5	53.8	52.3	52.2	48.6	46.4	45.8	45.0	47.56
—	—	—	—	—	—	—	—	—	—	—	—	—
49.3	49.3	49.0	47.7	45.8	48.6	45.4	44.0	45.3	42.4	39.7	40.0	46.46
47.8	49.7	50.0	51.3	52.4	52.4	53.8	52.8	51.7	49.4	47.6	46.8	45.63
52.4	52.4	55.4	59.6	61.0	62.0	57.3	58.0	55.5	53.8	51.8	51.7	50.95
57.6	59.0	59.5	58.7	59.0	58.1	54.2	53.6	54.0	52.7	51.4	49.2	52.58
56.8	59.0	61.8	59.3	59.3	58.8	59.2	59.3	57.4	55.2	54.0	52.2	53.40
61.6	67.0	70.6	73.8	77.0	75.0	75.7	77.1	76.7	72.0	70.0	69.0	60.61
—	—	—	—	—	—	—	—	—	—	—	—	—
58.8	59.8	62.8	64.7	67.4	67.4	65.8	66.0	62.8	59.6	57.6	56.8	59.00
57.0	57.8	63.0	65.6	67.1	65.5	63.5	64.8	60.6	52.7	50.0	49.7	57.08
50.4	47.3	54.4	52.0	51.7	57.3	57.2	57.1	53.2	51.0	48.8	47.8	49.67
53.7	58.6	61.7	62.5	59.0	58.4	60.4	59.0	53.2	48.6	47.8	46.6	51.30
50.2	52.2	52.0	53.4	52.8	55.2	52.8	51.7	50.3	49.1	47.6	45.6	47.86
52.0	55.3	57.6	59.6	63.3	63.9	58.3	56.4	54.3	51.7	49.5	47.5	48.80
—	—	—	—	—	—	—	—	—	—	—	—	—
73.6	76.8	72.6	69.4	63.8	61.8	58.5	57.5	59.8	56.8	54.2	52.5	59.47
56.7	57.8	60.5	63.0	64.6	66.3	68.2	58.5	55.8	53.0	51.4	51.2	54.17
57.7	59.3	58.9	60.4	62.8	63.6	61.0	60.0	58.8	57.2	56.0	55.0	55.55
53.0	54.3	54.0	54.4	54.2	56.0	55.2	52.7	51.3	50.2	48.8	49.0	51.93
54.7	54.2	54.8	54.2	53.0	52.6	50.3	49.9	48.3	47.3	45.2	45.3	49.00
50.2	50.3	48.3	48.6	48.8	49.6	49.2	49.2	49.6	48.6	47.6	45.4	46.70
—	—	—	—	—	—	—	—	—	—	—	—	—
57.0	58.2	60.5	59.7	58.2	59.0	60.3	59.6	56.7	54.7	53.5	53.3	52.33
61.0	61.5	62.4	65.4	67.6	68.0	69.2	68.8	65.0	59.6	56.6	55.0	57.31
53.0	52.0	54.4	56.8	55.3	55.0	55.2	55.2	53.0	50.6	49.8	49.8	51.40
55.0	57.0	55.0	56.8	58.0	59.1	58.4	58.7	57.6	55.1	54.2	53.5	52.77
51.0	51.5	51.5	52.7	52.8	53.0	53.4	53.0	51.6	51.8	51.2	51.0	51.65
58.4	60.0	62.6	65.6	66.5	67.5	66.5	67.2	64.8	62.3	59.8	59.0	57.47
—	—	—	—	—	—	—	—	—	—	—	—	—
48.7	48.3	50.5	55.0	56.0	52.6	52.4	52.4	52.6	50.4	48.6	48.4	54.45
55.02	56.20	57.62	58.64	58.88	59.25	58.23	57.49	55.71	53.16	51.48	50.63	52.51

STANDARD THERMOMETER.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
NOVEMBER.	1	48.2	46.0	45.0	44.0	43.5	43.5	43.2	42.8	43.1	45.2	49.5	52.8
	2	54.5	53.5	51.7	50.3	50.3	49.5	49.1	48.7	48.6	50.8	52.6	53.9
	3	58.7	58.1	57.8	58.7	—	58.4	58.0	58.8	58.7	59.0	59.2	56.8
	4	49.0	47.2	46.0	45.0	44.0	43.6	42.1	42.2	41.6	42.4	44.0	48.1
	5	43.0	42.8	42.6	42.6	42.2	42.0	41.7	41.7	42.6	44.5	46.5	49.3
	6	47.0	46.6	46.6	—	—	—	—	—	—	—	—	—
	7	—	—	—	49.8	49.7	49.1	49.0	49.8	50.8	51.3	55.4	60.2
	8	46.6	46.5	45.0	45.5	45.3	45.0	43.3	43.2	43.6	45.0	47.5	49.2
	9	50.2	51.3	51.3	49.7	—	50.6	49.0	48.2	48.5	48.5	50.5	53.6
	10	49.0	47.2	46.6	46.0	45.8	46.5	47.0	47.5	48.0	49.7	53.6	55.6
	11	48.0	47.5	46.2	45.0	43.6	43.5	42.6	42.7	43.2	48.4	53.0	54.4
	12	51.7	50.8	49.4	50.3	49.0	48.2	47.4	47.0	48.2	49.7	54.2	60.0
	13	65.4	63.6	62.2	—	—	—	—	—	—	—	—	—
	14	—	—	—	52.3	52.1	51.5	51.3	51.5	52.0	52.4	54.6	57.6
	15	53.0	51.2	49.0	46.4	45.4	44.6	44.6	44.4	44.8	47.5	49.8	50.8
	16	50.4	49.6	49.0	48.4	48.0	46.5	45.7	45.7	—	47.3	50.6	53.2
	17	50.2	49.7	48.8	48.0	46.8	46.2	45.7	44.8	—	48.6	51.4	56.4
	18	60.2	59.4	59.0	57.4	56.8	56.2	55.0	54.6	54.5	55.5	60.0	60.0
	19	50.6	48.8	48.4	48.0	47.8	47.8	47.4	—	46.6	47.2	48.3	52.7
	20	48.8	48.8	48.8	—	—	—	—	—	—	—	—	—
	21	—	—	—	56.6	56.4	55.8	55.4	55.0	55.3	57.0	58.5	62.0
	22	52.6	52.2	51.6	51.8	52.0	52.0	51.0	50.8	52.3	58.8	60.7	61.2
	23	50.5	50.0	49.5	49.1	49.5	48.8	48.3	48.3	49.2	52.0	55.2	58.0
	24	56.0	55.2	54.9	54.6	54.3	54.3	54.3	54.0	54.0	55.0	60.6	62.5
	25	51.2	50.5	49.7	49.0	47.3	46.0	45.8	44.7	46.1	50.3	52.8	56.7
	26	52.5	51.0	50.0	50.0	—	52.2	52.0	51.3	52.0	56.5	58.5	61.0
	27	53.3	53.0	51.7	—	—	—	—	—	—	—	—	—
	28	—	—	—	53.0	53.0	53.0	51.8	51.8	—	53.7	56.2	58.8
	29	51.0	50.3	49.8	49.2	49.3	49.6	50.3	50.6	50.7	51.5	54.5	56.2
	30	48.6	48.3	48.0	47.3	45.7	45.0	44.3	44.0	45.0	47.4	49.0	50.0
Hourly Means	51.55	50.74	49.95	49.54	48.60	48.82	48.28	48.16	48.67	50.58	55.33	55.81	
DECEMBER.	1	44.0	43.0	42.8	42.5	—	42.6	42.7	42.8	44.0	47.3	50.3	53.2
	2	51.8	51.0	50.0	49.0	48.1	47.6	45.6	44.6	45.2	46.0	52.8	57.0
	3	51.7	51.4	50.1	49.0	48.2	48.2	48.3	48.0	50.4	53.2	57.6	60.5
	4	63.7	67.8	66.2	—	—	—	—	—	—	—	—	—
	5	—	—	—	52.6	52.2	51.8	52.5	51.7	50.2	54.0	56.8	58.0
	6	56.2	55.2	54.7	54.0	53.5	52.5	51.5	50.5	50.8	56.5	60.5	64.5
	7	65.0	63.2	61.8	60.0	60.0	61.0	61.3	62.0	62.9	66.9	72.2	76.6
	8	67.8	65.6	63.9	62.8	—	61.0	62.8	63.1	65.0	69.0	72.8	77.2
	9	68.6	66.6	65.2	62.6	61.8	60.0	58.5	57.8	58.0	61.1	63.8	63.5
	10	61.8	—	62.2	62.5	62.5	62.2	62.0	61.3	61.4	63.9	66.7	69.6
	11	60.6	61.2	61.2	—	—	—	—	—	—	—	—	—
	12	—	—	—	60.7	60.5	60.5	60.8	61.2	61.5	62.2	62.2	62.6
	13	55.8	55.0	54.8	54.5	55.0	54.8	55.0	55.0	55.9	57.9	58.5	61.4
	14	63.0	61.8	60.9	60.0	59.3	59.0	59.0	58.2	58.5	61.8	67.7	70.5
	15	62.0	60.2	58.7	57.3	55.5	53.7	52.0	52.8	53.8	55.2	57.8	61.3
	16	59.2	—	58.8	57.9	56.8	55.0	53.0	53.0	53.5	57.5	61.2	64.0
	17	60.2	59.8	59.5	59.7	59.8	60.0	—	58.8	59.2	60.7	64.6	70.0
	18	57.2	56.0	54.7	—	—	—	—	—	—	—	—	—
	19	—	—	—	—	53.0	51.2	51.2	50.0	50.5	52.0	54.0	55.2
	20	50.3	49.0	48.0	47.8	47.5	47.8	47.2	46.8	47.4	50.4	54.4	58.0
	21	54.2	53.5	52.8	51.0	50.0	48.6	48.0	47.0	48.6	51.0	55.0	59.0
	22	59.8	59.0	58.8	59.4	63.0	62.4	61.6	60.6	61.0	66.0	72.0	75.2
	23	56.2	54.5	54.0	53.0	51.8	50.8	50.2	49.8	50.0	52.0	54.2	58.7
	24	63.5	63.5	63.8	—	—	—	—	—	—	—	—	—
	25	—	—	—	—	—	—	—	—	—	—	—	—
	26	—	—	—	57.0	56.8	55.5	54.0	53.3	54.4	58.0	60.8	65.4
	27	64.0	65.0	66.5	67.8	—	66.6	65.4	65.0	65.0	68.0	69.8	73.0
	28	61.6	60.0	60.0	57.4	—	55.8	55.0	54.5	54.0	56.8	57.2	58.2
	29	59.0	58.8	57.8	57.0	56.7	56.2	56.0	55.8	56.0	56.0	57.6	59.0
	30	59.2	59.2	58.7	58.6	58.2	58.0	57.6	57.6	57.7	59.0	62.0	66.0
	31	65.8	65.0	65.0	65.0	68.0	71.8	69.5	68.0	66.3	67.3	68.6	70.3
Hourly Means	59.32	58.55	58.11	56.76	56.28	55.95	55.23	54.97	55.43	58.07	61.20	74.15	

^a Christmas Day.

STANDARD THERMOMETER.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
56.6	60.2	61.6	63.6	65.5	68.0	69.0	69.0	65.3	60.7	57.8	55.8	54.16
57.5	60.8	62.8	64.5	62.5	59.6	62.8	63.0	62.2	62.6	60.9	60.0	56.36
53.9	55.3	55.5	57.6	58.6	60.0	59.8	63.4	59.8	56.6	52.6	50.0	57.62
49.0	50.8	46.8	51.2	50.4	49.0	50.6	49.6	48.2	45.7	43.6	42.4	46.35
49.1	50.6	52.4	53.4	54.0	52.4	53.2	54.0	51.7	49.2	48.5	48.1	47.42
—	—	—	—	—	—	—	—	—	—	—	—	56.59
62.6	64.8	67.4	68.6	71.6	67.3	63.5	63.8	63.3	58.7	52.2	49.0	50.45
51.8	52.0	54.5	55.2	55.6	60.4	62.3	61.9	57.0	52.9	51.2	50.4	53.81
56.7	57.1	56.7	59.6	59.2	61.2	62.2	59.2	57.4	54.6	51.8	50.6	52.62
57.4	59.6	60.4	59.2	59.8	59.2	57.5	55.8	57.8	54.2	50.8	48.7	54.90
57.5	60.8	63.0	65.5	69.3	68.6	71.5	66.0	64.0	60.7	56.8	55.6	62.74
64.5	69.2	72.0	75.8	79.0	78.8	83.0	82.6	81.0	76.6	70.2	67.2	—
—	—	—	—	—	—	—	—	—	—	—	—	57.31
59.3	64.0	62.2	63.5	62.6	62.9	61.7	56.7	54.9	54.0	53.4	53.7	52.73
52.8	55.4	59.2	60.3	59.0	60.5	61.0	62.8	60.2	57.0	54.2	51.6	53.64
57.4	58.6	60.0	58.4	60.0	61.0	61.3	59.8	58.8	57.5	54.2	52.2	55.37
57.2	58.7	61.5	63.8	63.3	61.6	62.4	61.9	60.4	60.6	63.6	62.0	59.03
68.8	71.3	65.3	63.6	57.8	57.7	61.8	57.5	61.4	57.2	53.2	52.6	50.94
56.0	54.6	55.0	52.0	55.7	56.5	54.0	52.0	52.0	51.0	50.0	49.3	—
—	—	—	—	—	—	—	—	—	—	—	—	57.97
63.2	65.0	66.8	67.3	68.0	69.6	63.0	56.8	55.0	53.2	52.4	53.0	57.45
61.8	62.0	63.8	62.4	62.7	64.0	62.8	62.3	60.0	61.4	56.0	52.6	57.52
59.8	63.0	66.0	68.0	63.8	63.7	69.8	73.1	69.0	60.7	58.3	56.8	57.93
57.9	61.2	65.4	67.2	62.8	61.2	60.8	60.0	58.0	57.8	55.3	53.0	54.24
58.8	65.0	61.0	61.7	61.4	60.0	59.5	58.7	59.0	60.2	56.9	54.0	58.90
63.3	68.0	69.2	69.2	68.0	65.5	66.4	63.8	62.0	60.8	57.0	54.5	—
—	—	—	—	—	—	—	—	—	—	—	—	57.80
59.0	60.0	62.0	63.3	66.5	67.2	64.2	64.0	62.5	60.5	—	53.0	55.73
59.5	64.6	65.6	64.0	61.3	65.4	64.9	61.2	58.9	56.3	52.6	50.1	47.50
49.0	47.7	49.8	48.6	49.0	50.8	47.8	50.0	50.0	46.2	44.8	43.7	—
57.71	59.84	60.99	61.83	61.82	62.00	62.18	61.11	59.61	57.19	54.33	52.69	54.88
55.2	59.2	59.7	59.0	59.2	59.5	59.3	58.7	58.2	56.6	54.7	52.7	51.62
59.2	59.8	59.4	57.8	59.2	58.7	58.9	60.6	59.5	58.0	54.9	53.7	53.68
65.0	68.5	72.5	76.7	80.3	81.8	77.8	78.0	77.3	74.5	69.5	65.5	62.66
—	—	—	—	—	—	—	—	—	—	—	—	59.44
59.0	61.0	63.0	62.4	64.3	65.5	65.0	63.8	63.1	63.1	60.4	58.4	63.60
69.2	69.3	70.0	73.2	74.5	75.0	76.0	78.0	73.8	72.0	68.8	66.3	74.37
81.2	84.8	90.4	93.7	97.0	100.0	91.5	88.0	75.0	71.6	70.0	68.8	70.41
74.5	72.0	71.2	72.0	74.0	78.6	77.9	76.5	76.0	73.7	71.7	70.3	63.51
63.7	63.8	65.0	65.6	64.8	66.5	67.2	66.2	65.3	64.2	62.6	61.8	66.13
73.3	76.5	72.5	72.4	73.0	72.8	67.3	67.0	63.3	63.8	62.1	61.0	60.06
—	—	—	—	—	—	—	—	—	—	—	—	63.62
62.9	63.6	60.3	58.7	59.2	59.2	57.2	58.2	57.8	56.8	56.3	56.0	65.18
63.8	66.5	68.0	69.0	71.1	74.8	77.5	77.7	76.0	74.3	69.5	65.0	62.08
75.0	77.5	77.0	69.0	66.0	66.8	67.2	65.2	68.3	68.0	62.2	62.5	61.22
64.2	66.2	66.8	68.8	72.3	74.2	73.6	69.2	68.0	65.0	61.4	60.0	65.70
66.0	66.6	69.0	68.2	66.0	65.0	65.3	63.3	65.3	61.7	61.0	60.7	—
67.6	71.2	70.5	72.8	73.8	73.8	75.0	78.0	62.6	65.8	62.0	—	56.22
—	—	—	—	—	—	—	—	—	—	—	—	52.0
57.6	56.6	58.2	62.0	59.7	62.5	61.2	58.0	63.0	61.8	55.4	52.0	56.57
60.7	61.0	64.8	69.8	71.3	71.5	67.2	62.0	61.2	60.2	57.5	55.8	59.57
63.0	66.8	70.5	73.5	78.6	67.2	67.3	66.4	66.8	66.0	63.5	61.4	63.29
65.5	65.4	64.3	66.2	67.2	64.5	64.0	62.2	62.2	61.4	59.0	58.2	—
62.0	67.2	63.3	65.0	71.8	68.5	68.2	65.5	64.5	64.0	63.7	63.3	64.45
—	—	—	—	—	—	—	—	—	—	—	—	73.99
68.6	69.5	74.0	75.4	78.7	71.8	72.7	68.0	66.2	65.7	66.0	64.5	62.82
82.0	86.0	88.2	84.0	82.8	82.2	82.6	83.0	82.2	77.8	69.6	65.4	59.95
61.6	64.4	67.4	71.0	74.0	73.5	76.5	70.5	68.0	64.8	62.3	60.3	65.60
60.2	61.7	64.5	65.5	66.8	67.8	64.7	62.5	61.2	59.7	59.3	59.0	69.95
68.3	72.2	77.5	77.9	71.8	73.2	73.8	71.5	68.8	71.0	70.4	66.2	—
71.4	72.6	74.6	75.4	74.3	74.1	75.5	74.0	75.2	73.1	65.9	62.0	62.88
66.18	68.07	69.33	70.20	71.22	71.12	70.40	68.92	67.26	65.95	63.07	61.23	62.88

WET THERMOMETER.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
JANUARY.	1	63.8	64.0	64.1	63.9	63.8	64.0	63.2	62.0	61.3	59.2	59.2	60.0
	2	48.2	47.5	47.2	—	—	—	—	—	—	—	—	—
	3	—	—	—	56.6	56.2	54.8	55.0	53.6	—	55.2	54.0	56.0
	4	57.4	57.2	57.0	57.2	55.2	54.8	55.0	55.2	55.6	57.0	59.2	60.3
	5	49.0	49.4	48.0	47.0	47.0	46.5	—	47.0	47.6	49.0	50.1	51.9
	6	54.8	51.4	51.5	51.1	51.0	51.5	51.0	51.0	51.2	52.0	53.3	55.3
	7	59.0	57.3	57.5	57.1	57.0	56.2	58.0	57.0	57.4	59.0	59.8	59.0
	8	48.8	47.2	46.0	46.0	46.0	46.0	46.0	45.5	47.2	48.8	50.0	51.3
	9	54.0	53.0	52.8	—	—	—	—	—	—	—	—	—
	10	—	—	—	49.0	46.0	46.0	44.2	44.0	43.7	47.0	47.0	47.0
	11	46.0	45.2	45.8	46.5	46.5	45.0	45.0	44.2	45.0	47.5	49.0	50.5
	12	55.5	54.0	54.0	54.0	53.0	51.4	51.2	51.0	51.1	51.8	55.2	57.4
	13	57.6	57.2	56.2	55.7	55.5	55.0	54.7	52.3	52.3	52.8	54.5	56.5
	14	51.0	51.0	51.8	52.0	52.7	52.6	52.5	53.0	53.0	54.3	56.0	56.0
	15	55.6	55.1	54.7	53.9	53.3	53.5	54.0	55.2	55.0	55.0	56.5	57.8
	16	61.7	62.3	61.2	—	—	—	—	—	—	—	—	—
	17	—	—	—	58.3	55.7	55.0	53.8	54.0	55.1	54.6	55.8	57.0
	18	54.2	54.2	55.0	55.0	55.6	56.2	56.3	56.3	56.5	56.5	56.5	58.0
	19	64.2	64.3	62.2	56.6	55.0	53.0	52.5	51.5	51.2	52.0	55.2	56.5
	20	57.2	56.0	56.0	55.0	55.0	54.8	54.5	54.3	53.3	54.6	56.6	58.5
	21	57.2	57.7	57.2	56.0	56.0	54.2	56.2	56.0	55.2	56.5	58.2	59.3
	22	57.3	56.6	56.6	56.2	56.5	57.0	57.0	58.0	56.0	55.0	54.6	55.0
	23	58.7	58.8	59.2	—	—	—	—	—	—	—	—	—
	24	—	—	—	—	48.1	48.2	48.1	47.7	47.6	48.8	48.8	50.3
	25	47.2	46.3	45.3	45.0	44.4	43.4	43.0	43.0	43.0	44.8	46.2	48.3
	26	52.0	52.0	52.0	52.0	53.0	53.0	53.5	53.2	—	54.0	56.2	57.2
	27	53.0	51.4	51.0	52.0	51.3	51.2	51.2	50.7	50.3	51.0	51.5	52.0
	28	52.2	52.2	52.7	52.6	52.7	52.8	52.8	53.0	53.0	54.0	54.4	55.2
	29	50.8	50.8	50.2	49.0	47.7	47.8	47.8	49.0	50.2	51.0	52.5	52.5
	30	51.8	51.8	52.0	—	—	—	—	—	—	—	—	—
	31	—	—	—	53.8	52.7	51.8	50.2	48.8	48.4	51.0	51.2	51.2
Hourly Means	54.55	53.99	53.74	53.32	52.57	52.14	52.27	51.79	51.68	52.78	53.90	55.00	
FEBRUARY.	1	47.5	47.5	47.6	47.4	47.6	47.8	48.1	48.3	—	49.3	51.0	52.0
	2	54.0	53.3	52.8	53.8	52.6	51.5	52.2	52.6	53.2	53.8	55.0	55.7
	3	53.7	53.7	53.5	53.6	53.6	53.8	53.5	53.4	53.2	53.2	53.6	54.0
	4	53.0	52.8	52.8	52.8	52.6	52.8	52.9	52.3	52.8	52.9	52.9	54.7
	5	52.0	51.8	50.3	50.0	48.2	48.3	48.8	49.1	49.7	49.8	50.2	50.5
	6	52.2	52.8	52.4	—	—	—	—	—	—	—	—	—
	7	—	—	—	55.2	54.8	54.2	54.0	54.0	53.7	54.0	54.6	56.0
	8	58.0	57.0	56.0	55.8	—	53.9	53.5	53.1	53.4	55.2	56.5	58.2
	9	55.7	55.4	55.8	56.1	55.8	56.0	56.2	55.3	53.8	54.6	52.5	53.5
	10	50.8	49.8	48.5	47.2	46.0	45.0	44.6	44.4	—	44.7	46.2	48.2
	11	52.4	52.2	52.1	52.3	52.7	51.7	50.7	50.0	49.2	50.0	52.2	53.8
	12	55.1	54.2	54.3	55.0	54.3	54.3	54.3	—	54.2	54.8	56.5	58.0
	13	57.0	56.3	55.2	—	—	—	—	—	—	—	—	—
	14	—	—	—	48.4	48.2	48.2	48.0	48.0	48.2	49.4	51.4	52.0
	15	52.2	51.8	51.8	51.5	51.8	52.0	51.8	51.6	51.8	52.8	53.0	50.5
	16	48.0	48.2	48.2	48.0	48.0	48.3	48.2	49.0	49.2	50.5	52.5	54.0
	17	52.0	51.5	51.0	50.5	50.8	50.8	50.8	50.8	50.8	51.0	52.2	53.4
	18	52.8	52.3	52.0	50.8	—	50.4	50.0	49.8	—	50.0	51.5	52.8
	19	54.0	54.0	53.2	52.5	51.8	51.0	51.3	51.6	50.8	51.2	51.5	52.5
	20	60.0	58.9	58.0	—	—	—	—	—	—	—	—	—
	21	—	—	—	64.4	60.2	59.8	57.4	55.8	56.0	54.9	55.0	55.8
	22	52.0	52.5	53.0	53.2	53.0	52.0	53.1	53.2	53.3	53.0	53.8	55.3
	23	59.0	59.4	59.0	58.0	59.3	58.6	58.2	57.0	57.0	57.2	60.2	61.2
	24	58.6	58.8	58.2	58.5	57.8	57.0	56.6	56.0	54.3	54.3	54.2	55.0
	25	57.6	57.0	57.0	55.2	55.0	55.4	55.5	56.0	55.6	56.5	57.6	58.1
	26	61.2	62.0	61.6	61.2	61.5	61.3	61.6	62.0	—	62.0	62.1	62.5
	27	58.7	58.3	56.6	—	—	—	—	—	—	—	—	—
	28	—	—	—	46.0	44.0	44.0	44.0	44.8	45.6	46.0	47.0	47.9
Hourly Means	54.48	54.23	53.79	53.22	52.71	52.42	52.30	52.09	52.29	52.55	53.47	54.40	

WET THERMOMETER.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
59°4	57°5	55°7	55°2	54°8	54°2	54°0	54°0	54°0	52°0	49°5	49°0	58°24
58°0	59°2	59°2	57°2	60°0	60°6	59°3	60°5	59°8	58°3	57°3	56°7	56°10
58°6	56°0	57°2	56°8	55°5	57°3	57°0	57°0	54°7	54°0	51°8	51°0	56°17
52°0	53°7	54°0	54°8	55°5	57°2	58°0	57°5	58°2	58°0	58°2	—	52°25
59°0	59°0	60°8	61°0	63°2	62°9	61°8	62°0	62°0	59°8	60°0	60°0	56°52
60°9	60°0	58°0	56°0	57°2	56°0	56°4	55°2	55°5	53°9	49°7	49°0	56°75
52°6	54°0	55°0	54°2	57°0	57°0	57°2	58°5	59°0	58°8	57°3	54°8	51°84
48°3	47°3	47°7	50°7	49°8	50°9	51°0	51°0	50°5	50°5	48°0	47°0	48°60
52°0	53°0	54°0	56°3	56°8	57°0	57°0	57°0	57°0	57°0	56°0	55°5	51°03
59°2	62°8	66°4	66°2	66°7	62°7	61°8	62°0	61°8	60°5	59°5	58°8	57°83
56°4	56°6	57°0	57°2	57°0	56°8	55°5	54°5	53°0	52°0	51°5	51°0	54°95
57°2	57°0	57°0	59°8	61°7	62°0	60°0	61°2	61°2	61°2	59°0	57°0	56°26
59°0	59°2	60°2	61°0	64°0	64°1	64°7	65°4	65°3	64°4	62°6	62°2	58°82
58°5	59°8	58°5	58°7	56°5	57°5	56°2	55°0	54°3	54°0	55°2	54°0	56°78
59°8	62°0	61°6	63°5	64°4	65°0	65°0	64°3	63°0	64°2	64°4	64°3	59°66
57°0	56°6	58°7	60°7	60°2	60°2	62°0	60°0	62°2	60°8	58°2	57°8	57°86
59°5	61°0	61°7	62°0	62°0	61°8	60°5	59°8	59°8	60°0	58°0	58°0	57°91
61°3	61°0	62°5	64°0	65°3	65°5	61°0	61°0	61°9	61°6	59°6	58°7	59°30
56°0	56°3	56°2	56°3	57°8	58°0	58°0	57°2	57°0	58°3	58°7	58°0	56°82
52°3	53°8	53°8	55°0	55°2	54°2	54°2	54°2	52°8	52°3	50°2	48°4	52°20
51°0	52°3	52°6	55°2	55°3	53°5	53°0	54°0	55°2	53°7	53°7	52°3	49°24
57°0	58°0	57°0	57°2	57°8	58°0	57°2	57°2	59°0	55°2	53°7	52°8	55°14
52°2	54°0	56°2	54°6	56°0	56°2	55°2	54°3	53°2	52°7	52°5	52°2	52°75
55°2	56°1	55°6	57°0	58°0	58°5	57°2	57°5	57°6	57°2	56°0	53°0	54°85
53°0	55°0	55°5	56°2	56°2	55°2	54°0	54°2	54°8	52°0	51°2	51°3	51°99
51°8	53°0	51°6	53°4	50°8	50°8	51°8	50°8	51°2	49°9	48°3	48°0	51°09
56°05	56°70	57°07	57°70	58°26	58°20	57°65	57°51	57°46	56°63	55°39	54°43	55°03
53°0	55°0	55°2	56°2	57°0	57°5	57°3	57°5	58°2	57°5	55°8	54°5	52°56
56°8	58°0	59°6	61°0	60°0	58°5	58°0	57°4	56°8	55°2	55°0	54°4	55°47
54°4	55°0	55°7	56°2	57°0	57°3	54°8	54°8	53°8	52°8	52°8	52°5	54°13
54°2	55°8	55°8	57°0	56°5	56°0	55°8	54°8	54°8	54°1	53°3	53°0	54°02
51°5	52°6	53°0	54°0	55°0	55°3	55°4	55°2	54°2	53°7	52°8	52°9	51°85
58°3	58°2	60°2	61°0	61°5	62°8	62°0	62°5	61°6	61°0	58°2	59°0	57°26
61°7	61°0	62°4	61°2	60°0	60°8	60°1	58°2	57°0	56°4	55°9	55°7	57°43
54°3	55°0	57°3	57°1	55°5	54°8	55°9	56°0	55°4	53°8	51°8	51°3	54°95
50°8	51°0	51°7	53°7	54°2	55°0	55°3	55°7	55°2	54°5	53°3	52°4	50°36
55°3	57°6	58°0	60°0	59°3	59°6	59°3	58°7	58°6	57°0	56°3	56°0	54°80
59°3	61°0	62°7	64°1	64°8	64°0	65°2	65°0	62°2	60°2	59°2	58°0	58°72
53°2	53°5	52°8	55°6	56°0	56°0	56°2	56°7	57°8	55°2	53°8	53°2	52°93
51°3	51°2	51°5	50°7	51°8	51°0	51°2	52°2	51°8	49°6	48°4	47°2	51°27
54°8	55°6	55°6	55°0	54°5	55°0	57°0	57°0	56°0	53°0	52°0	51°4	52°04
55°0	56°3	57°3	58°5	59°0	59°2	59°2	60°2	59°0	57°7	57°2	56°0	54°60
54°6	54°8	55°3	55°0	56°8	58°2	56°0	56°0	54°8	54°2	54°0	54°0	53°46
54°2	56°6	58°0	59°2	60°2	61°0	61°2	60°5	61°0	60°4	60°3	59°2	55°72
56°0	56°5	56°2	57°2	56°6	56°0	56°6	55°2	55°0	53°0	53°0	52°2	56°65
57°5	59°6	61°0	61°8	63°2	65°0	64°8	65°2	65°2	64°5	61°7	59°3	57°76
61°8	61°8	62°0	62°0	63°2	62°7	63°0	61°2	60°0	59°5	59°2	58°8	59°97
56°1	56°0	56°3	56°3	58°0	58°8	59°0	58°4	58°2	57°8	57°6	57°2	57°04
60°2	60°8	62°0	61°2	61°6	62°0	61°8	61°7	62°0	61°6	61°2	61°2	58°91
63°0	64°2	65°0	68°7	70°0	69°0	67°2	63°0	61°1	58°8	59°3	58°7	62°91
49°0	51°2	51°3	52°2	51°8	50°8	50°8	51°4	51°0	50°0	47°8	47°7	49°50
55°68	56°60	57°33	58°12	58°48	58°60	58°46	58°07	57°53	56°31	55°41	54°82	55°18

WET THERMOMETER.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
MARCH.	1	48°0	47°8	47°8	47°8	47°8	47°9	47°0	46°9	46°3	45°7	45°9	47°4
	2	42°3	41°6	42°6	43°2	—	42°0	41°8	41°8	41°2	40°8	41°5	45°0
	3	49°2	49°4	48°8	48°0	48°0	48°0	48°0	47°7	47°3	47°2	48°5	50°7
	4	56°5	56°9	57°7	58°0	57°1	55°5	55°0	53°7	54°2	54°8	55°6	57°2
	5	60°9	60°3	60°3	60°0	59°8	59°4	58°8	58°4	57°8	57°5	57°0	57°0
	6	54°2	53°2	51°2	—	—	—	—	—	—	—	—	—
	7	—	—	—	50°4	50°4	50°2	50°3	51°0	51°2	51°8	52°6	52°8
	8	54°6	54°4	54°2	54°7	54°6	54°4	54°8	54°6	54°5	54°8	55°2	56°4
	9	57°2	57°0	57°0	56°8	55°2	55°0	55°2	55°0	54°1	54°8	55°6	56°8
	10	57°0	56°8	57°0	57°2	57°3	57°0	56°2	55°7	—	55°4	57°5	59°6
	11	61°1	60°2	59°8	55°3	54°2	54°2	54°2	54°0	52°2	51°2	51°5	52°0
	12	45°4	45°0	43°8	43°0	43°2	43°0	43°0	43°8	43°0	43°3	45°0	46°7
	13	52°5	52°2	52°5	—	—	—	—	—	—	—	—	—
	14	—	—	—	53°0	52°6	52°2	53°0	52°2	51°8	52°8	54°3	55°5
	15	59°4	58°8	57°6	56°8	56°8	56°8	56°8	57°2	56°7	56°2	57°6	59°0
	16	59°2	58°0	58°0	58°0	58°2	57°1	57°0	59°3	57°2	54°6	55°6	55°5
	17	45°4	45°0	44°3	43°8	44°0	44°0	43°4	43°0	42°8	42°5	45°0	46°8
	18	52°0	52°0	51°2	50°4	50°8	51°2	51°4	51°7	51°2	51°6	51°8	52°3
	19	54°6	54°5	54°9	54°5	54°4	54°0	54°0	54°0	55°0	55°0	55°0	56°0
	20	55°8	54°8	54°0	—	—	—	—	—	—	—	—	—
	21	—	—	—	55°8	55°2	55°2	55°2	55°2	55°7	55°4	55°9	57°0
	22	50°8	50°0	49°2	48°3	48°0	46°7	45°2	45°2	45°4	45°4	46°8	48°4
	23	47°2	46°1	46°9	46°5	46°8	46°0	45°2	44°8	45°2	45°5	45°8	47°0
	24	51°4	51°6	51°6	51°8	51°8	51°8	51°5	50°5	50°3	49°8	49°6	50°5
	25	51°0	50°4	50°2	49°9	50°0	50°6	50°6	51°0	51°2	51°3	52°4	52°5
	26	54°0	54°1	54°1	54°0	—	54°8	54°2	54°8	54°8	54°8	54°8	55°2
	27	54°8	54°8	54°2	—	—	—	—	—	—	—	—	—
	28	—	—	—	52°2	52°2	52°3	52°2	52°8	52°8	52°8	53°4	54°6
	29	56°6	56°3	55°1	54°8	—	53°2	52°8	52°2	53°0	50°8	50°2	51°3
	30	46°2	46°4	46°2	46°0	46°0	45°8	45°5	45°0	44°6	45°2	45°5	47°3
	31	48°8	48°0	47°0	46°0	44°9	44°3	43°6	43°4	43°0	42°8	44°2	47°0
Hourly Means	52°82	52°43	52°12	51°71	51°64	51°21	50°96	50°92	50°48	50°51	51°25	52°50	
APRIL.	1	51°2	50°3	49°3	a—	—	—	—	—	—	—	—	
	2	—	—	—	47°2	47°2	47°7	48°3	48°5	48°6	48°6	49°1	
	3	49°3	49°7	49°0	—	—	—	—	—	—	—	—	
	4	—	—	—	48°0	47°0	46°0	47°2	47°2	46°8	46°7	46°0	
	5	50°8	50°4	49°2	49°2	49°0	49°0	49°0	49°0	49°0	48°8	49°2	
	6	56°5	56°0	56°8	57°0	56°0	55°2	55°6	55°6	55°8	56°0	56°4	
	7	57°8	58°1	58°0	58°0	58°0	57°8	57°5	57°7	57°5	57°2	57°2	
	8	58°6	58°0	56°6	56°4	55°5	55°0	54°0	53°2	53°2	53°7	53°9	
	9	48°9	48°0	45°2	44°0	43°8	41°9	41°0	40°8	40°6	40°6	41°8	
	10	43°3	42°8	42°0	—	—	—	—	—	—	—	—	
	11	—	—	—	53°2	53°3	53°2	53°5	53°8	54°7	55°8	56°0	
	12	58°8	58°7	58°0	58°2	58°0	58°0	57°8	57°5	56°8	56°2	56°2	
	13	52°4	52°2	52°4	52°6	52°8	52°6	52°6	52°2	52°2	52°0	52°2	
	14	50°3	50°2	50°2	50°3	50°0	50°1	50°1	50°0	49°8	49°6	49°8	
	15	51°0	51°0	51°0	51°0	51°2	51°0	—	50°7	—	50°4	50°0	
	16	54°0	53°8	53°0	52°2	51°5	50°8	51°0	51°4	51°2	50°7	51°2	
	17	54°2	54°0	52°4	—	—	—	—	—	—	—	—	
	18	—	—	—	58°8	58°3	58°2	58°0	58°0	57°8	57°8	58°0	
	19	43°8	43°5	43°2	43°0	42°2	41°2	42°0	42°2	42°0	42°1	42°8	
	20	47°0	46°6	46°2	45°6	45°5	45°3	44°3	44°4	45°0	45°0	46°0	
	21	47°5	47°7	47°2	47°0	46°0	44°7	44°2	44°3	43°8	43°0	44°2	
	22	47°3	46°2	45°8	46°0	45°2	44°8	44°0	44°0	43°2	43°0	43°4	
	23	46°8	46°2	45°8	45°6	45°0	44°8	44°2	44°4	44°2	44°2	43°7	
	24	53°5	52°8	51°7	—	—	—	—	—	—	—	—	
	25	—	—	—	45°2	45°4	46°0	46°4	46°4	46°0	45°8	46°8	
	26	42°8	42°8	42°0	40°6	40°3	40°5	40°2	40°3	40°3	40°3	40°0	
	27	42°0	42°2	41°7	41°3	41°8	41°8	41°8	41°8	41°2	40°8	40°8	
	28	43°8	43°8	44°3	44°5	44°0	43°4	43°0	43°0	42°5	42°2	42°0	
	29	43°0	42°4	42°0	41°4	—	40°0	39°7	39°8	39°5	39°6	38°0	
	30	48°0	46°5	46°3	46°5	—	—	—	—	—	—	49°4	
Hourly Means	49°70	49°36	48°77	48°91	49°00	48°30	48°06	48°17	47°90	47°92	48°16		

* Good Friday.

WET THERMOMETER.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
47.2	47.3	46.7	47.0	46.3	48.0	46.8	47.6	46.3	45.6	44.3	43.6	46.80
47.2	49.0	50.4	50.6	52.0	50.5	51.2	51.6	50.8	50.0	49.2	49.0	46.32
52.6	54.6	56.0	56.2	57.7	59.0	59.2	58.6	57.7	57.0	57.2	57.0	52.65
58.8	59.2	59.8	60.2	62.0	61.8	63.3	62.5	62.1	61.6	61.2	61.0	58.57
56.6	56.6	56.0	56.8	56.8	56.2	55.3	55.6	56.3	55.2	55.0	55.0	57.44
—	—	—	—	—	—	—	—	—	—	—	—	53.87
55.0	56.2	55.5	56.8	56.6	58.1	57.6	57.2	55.5	55.5	55.2	54.3	57.50
57.2	59.8	61.1	61.0	61.8	62.2	62.2	62.0	60.6	59.0	58.0	58.0	57.06
58.0	58.8	60.0	59.8	59.5	59.8	58.5	57.3	57.2	57.0	56.8	57.0	59.80
60.7	63.0	63.2	63.3	62.8	62.8	63.0	63.0	61.2	61.5	63.0	61.0	52.66
53.8	52.0	53.0	53.8	52.8	51.6	53.0	48.8	48.4	47.2	46.0	46.6	48.81
49.0	51.4	52.5	54.2	56.8	56.2	56.0	55.5	54.0	52.6	52.5	52.6	56.22
—	—	—	—	—	—	—	—	—	—	—	—	59.73
57.0	58.0	58.2	59.0	60.0	59.6	61.0	62.2	62.0	60.8	58.6	58.4	53.94
62.0	63.2	64.6	63.6	62.7	62.2	63.8	62.9	60.6	60.2	59.3	58.8	47.90
52.2	52.0	52.2	52.2	53.2	50.7	50.1	50.6	49.6	48.8	47.8	47.4	55.62
48.2	48.7	51.2	51.3	51.8	54.4	52.8	53.0	52.2	52.0	52.0	51.8	56.80
54.0	55.2	56.0	56.8	56.6	57.0	57.3	56.0	55.6	55.1	54.7	55.0	55.25
56.2	57.4	58.7	60.0	61.0	60.3	60.0	60.2	60.0	59.0	57.8	56.8	48.72
—	—	—	—	—	—	—	—	—	—	—	—	48.99
59.0	57.0	55.6	56.6	57.5	57.5	55.0	54.5	53.0	52.3	51.5	51.2	52.27
48.0	48.5	48.7	48.2	50.3	51.6	53.3	52.3	51.6	50.0	49.4	48.0	52.86
50.0	50.3	52.1	54.0	55.2	52.4	53.0	52.2	51.6	51.4	50.8	51.8	55.17
53.6	54.8	55.0	54.8	54.0	55.5	54.0	53.0	52.7	51.7	51.8	51.4	55.85
53.0	54.0	54.5	55.8	55.0	55.6	55.3	55.7	55.1	55.0	54.4	54.1	50.78
56.2	56.4	56.2	56.4	55.9	56.0	55.9	55.2	55.6	55.4	55.0	55.0	47.92
—	—	—	—	—	—	—	—	—	—	—	—	48.97
56.2	56.8	58.5	59.2	60.0	59.5	59.0	60.0	59.3	58.2	57.7	56.8	53.72
52.1	49.8	51.0	49.2	48.6	48.8	48.0	47.6	47.8	47.0	45.6	46.2	54.49
48.2	50.2	50.4	51.0	51.0	51.2	51.2	50.8	49.4	48.8	49.0	49.3	55.18
48.5	51.0	52.8	54.2	54.6	55.0	54.3	53.7	52.4	52.3	52.0	51.4	55.63
—	—	—	—	—	—	—	—	—	—	—	—	55.94
53.72	54.49	55.18	55.63	55.94	56.05	55.82	55.55	54.76	54.08	53.55	53.28	56.05
—	—	—	—	—	—	—	—	—	—	—	—	55.82
51.0	52.2	53.2	53.6	54.7	55.0	56.5	55.0	53.5	52.1	51.3	51.2	55.55
—	—	—	—	—	—	—	—	—	—	—	—	54.76
49.3	50.5	51.5	52.2	53.0	54.2	53.8	54.0	54.2	53.2	51.8	51.2	54.08
51.2	52.6	54.6	56.0	57.2	57.0	57.5	57.8	58.2	57.6	57.2	57.0	53.55
60.0	61.3	63.0	64.5	63.3	60.5	59.2	59.0	58.4	58.1	57.8	57.6	54.76
58.5	58.7	60.8	61.6	62.6	63.2	61.8	61.0	61.0	60.2	59.8	59.0	54.08
52.6	55.2	55.4	57.0	55.3	55.3	55.0	55.8	55.4	52.4	49.4	48.8	53.28
45.0	46.4	48.1	48.9	50.0	49.0	49.0	45.8	47.0	46.2	44.0	43.6	54.49
—	—	—	—	—	—	—	—	—	—	—	—	55.82
58.4	59.8	61.2	62.4	63.5	62.4	61.5	62.0	61.0	60.0	59.0	59.0	55.55
55.6	55.5	55.2	55.2	55.0	54.2	54.0	53.0	53.0	52.8	52.6	52.6	54.76
53.8	53.2	52.8	52.8	53.0	52.2	52.0	51.8	50.4	49.5	50.3	49.5	54.08
50.0	50.3	52.0	52.2	51.9	52.0	51.8	51.2	51.2	51.8	51.7	51.0	53.55
53.5	54.5	55.0	57.0	57.0	57.2	57.8	57.0	56.0	54.8	53.8	53.8	54.76
53.2	55.2	57.2	58.0	57.8	57.2	57.0	56.2	55.0	54.4	55.0	55.0	53.28
—	—	—	—	—	—	—	—	—	—	—	—	54.76
56.0	56.0	53.5	53.0	50.8	50.2	49.5	47.8	46.6	45.2	44.8	44.2	54.08
46.2	48.0	49.0	51.0	52.2	52.2	51.2	51.0	48.7	47.8	47.6	47.2	53.55
48.6	50.2	51.2	52.2	53.0	53.2	52.7	51.0	49.8	49.0	47.3	47.5	54.49
49.0	50.0	51.0	53.2	52.8	53.0	51.8	51.0	49.0	48.0	47.5	47.3	55.82
47.5	49.3	50.2	51.0	51.2	52.2	51.6	50.6	50.4	48.0	49.0	48.0	54.76
43.2	49.8	52.8	53.8	55.0	55.2	55.0	53.7	52.0	51.0	52.8	53.0	53.28
—	—	—	—	—	—	—	—	—	—	—	—	54.76
49.7	50.3	50.2	49.0	50.2	50.4	50.0	49.2	47.0	45.8	45.2	44.0	53.55
41.0	41.2	43.4	43.2	44.0	45.8	44.0	43.8	42.8	41.5	41.5	41.7	54.08
44.2	46.5	47.4	46.5	45.8	46.8	45.5	44.2	44.7	44.7	44.5	44.0	53.55
44.0	44.4	46.0	46.0	45.4	46.6	46.8	46.4	45.5	44.0	43.2	43.6	54.49
42.4	45.4	47.2	48.6	51.0	51.5	51.0	51.2	49.6	49.0	48.8	48.0	55.82
51.4	52.4	55.0	53.5	54.2	54.7	55.5	55.0	51.8	49.2	48.0	47.3	54.76
—	—	—	—	—	—	—	—	—	—	—	—	55.82
50.41	51.56	52.68	53.30	53.60	53.65	53.26	52.58	51.69	50.65	50.16	49.80	56.05

WET THERMOMETER.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
MAY.	1	46°8	46°0	44°7	—	—	—	—	—	—	—	—	
	2	—	—	—	45°0	45°0	44°9	44°7	44°0	43°8	43°8	42°5	
	3	52°2	52°3	51°8	51°6	51°4	52°0	52°5	52°7	52°8	52°8	52°8	53°4
	4	50°7	51°7	52°2	52°5	—	52°5	52°0	51°8	51°7	51°8	52°5	53°2
	5	46°3	45°4	43°7	42°0	41°3	41°0	40°5	40°8	40°0	39°6	40°0	41°8
	6	41°2	40°7	40°0	40°0	38°6	38°4	38°3	39°0	39°6	40°0	41°6	44°2
	7	48°2	47°8	48°0	47°8	48°2	47°8	47°4	46°0	43°5	43°8	43°8	44°5
	8	50°6	51°0	50°8	—	—	—	—	—	—	—	—	—
	9	—	—	—	42°1	42°1	42°2	42°2	42°2	42°0	41°8	41°6	42°4
	10	41°3	41°0	41°0	41°0	42°0	42°0	42°0	42°2	42°0	42°0	43°2	43°2
	11	50°6	50°1	50°0	49°2	—	48°0	48°0	47°9	48°0	47°8	48°2	50°4
	12	52°1	51°6	51°1	51°0	50°8	51°2	51°2	51°0	50°6	50°0	50°0	48°6
	13	42°0	41°0	40°2	40°0	—	39°0	38°6	38°2	37°8	37°7	37°9	39°2
	14	43°0	43°2	43°2	43°4	—	42°8	42°0	41°6	41°5	41°2	41°4	42°7
	15	47°7	47°3	46°7	—	—	—	—	—	—	—	—	—
	16	—	—	—	40°8	40°0	39°6	39°0	38°2	37°5	38°0	37°9	38°8
	17	40°2	40°2	39°6	39°0	38°2	36°6	35°6	35°0	34°8	34°0	34°2	34°5
	18	42°0	42°8	42°2	41°7	42°8	42°5	41°7	41°8	—	41°8	42°2	43°4
	19	41°2	41°2	40°0	39°8	39°2	38°5	38°5	38°0	38°0	38°0	38°0	38°2
	20	42°0	42°1	42°2	43°3	42°8	43°0	43°2	43°3	43°4	43°6	43°8	44°4
	21	44°0	43°5	44°0	43°8	43°3	42°2	40°3	40°3	40°2	40°2	40°0	40°2
	22	40°0	40°0	40°0	—	—	—	—	—	—	—	—	—
	23	—	—	—	44°0	44°0	43°3	42°3	41°5	40°0	39°6	38°7	39°2
	24	37°5	37°0	37°0	36°4	36°5	37°2	37°6	38°4	39°0	38°5	38°0	39°2
	25	42°2	41°3	42°3	42°8	43°0	43°2	43°2	43°4	42°9	42°8	42°2	43°3
	26	47°8	47°8	47°6	47°4	47°0	46°0	45°5	45°0	44°5	44°6	44°7	44°9
	27	46°0	45°6	45°2	44°8	—	45°0	44°5	44°1	44°0	43°4	43°0	42°8
	28	39°4	39°0	38°6	38°5	38°0	38°6	38°6	38°6	38°7	38°7	38°4	38°3
	29	42°0	42°5	42°8	—	—	—	—	—	—	—	—	—
	30	—	—	—	44°2	43°9	42°7	42°1	42°2	41°6	41°0	40°0	40°6
	31	44°6	44°2	44°0	43°4	44°4	44°8	45°0	45°4	44°8	44°5	44°2	44°5
Hourly Means	44°68	44°47	44°19	43°67	42°98	43°27	42°94	42°80	42°51	42°35	42°34	42°98	
JUNE.	1	46°2	45°4	45°0	45°2	45°2	45°0	45°2	44°5	44°5	43°0	42°5	
	2	48°6	48°5	47°3	47°1	47°0	47°0	46°8	46°4	45°5	44°2	43°8	
	3	39°8	39°6	40°0	40°6	39°0	39°0	38°8	39°0	37°6	37°8	37°8	
	4	40°0	40°0	40°2	40°4	39°9	39°8	39°5	38°9	38°4	38°2	37°1	
	5	38°7	39°0	38°8	—	—	—	—	—	—	—	—	
	6	—	—	—	37°0	36°6	36°2	35°8	35°4	34°0	33°4	33°0	
	7	39°0	39°2	39°0	38°6	—	37°8	38°1	38°0	37°7	37°3	37°3	
	8	41°1	41°0	40°0	39°2	38°8	38°4	38°3	38°7	—	39°0	39°6	
	9	40°5	41°2	41°2	40°7	41°4	41°0	41°0	41°4	40°6	40°1	40°3	
	10	46°1	46°0	45°2	45°0	45°1	44°9	44°8	44°4	44°4	44°4	44°4	
	11	44°8	44°3	43°2	42°7	40°7	39°2	38°9	38°0	37°0	36°2	36°0	
	12	42°5	42°2	42°1	—	—	—	—	—	—	—	—	
	13	—	—	—	37°8	38°0	38°2	39°0	40°0	39°3	40°2	40°6	
	14	42°6	42°3	40°8	40°0	39°5	38°4	38°5	36°8	—	36°0	37°0	
	15	40°8	41°1	40°7	41°2	41°4	41°2	41°2	41°0	41°1	41°0	41°0	
	16	36°8	36°2	36°4	36°4	36°4	36°4	36°6	37°0	37°3	37°7	38°3	
	17	43°3	43°0	43°2	43°8	44°0	43°7	43°6	43°2	43°6	43°6	43°8	
	18	46°8	46°5	45°2	43°4	43°2	42°0	41°0	40°8	40°2	39°5	39°5	
	19	41°0	40°0	39°4	—	—	—	—	—	—	—	—	
	20	—	—	—	46°4	46°3	45°6	45°3	45°1	45°0	44°8	44°0	
	21	40°2	39°8	39°3	39°0	—	38°4	38°2	38°0	38°0	38°2	38°7	
	22	42°8	42°7	41°0	42°1	41°8	41°0	40°0	39°0	38°5	38°0	37°2	
	23	42°8	41°4	40°0	40°6	—	38°7	38°6	39°0	39°0	38°4	38°6	
	24	42°0	41°2	40°7	40°6	40°2	39°2	40°0	37°7	37°6	37°2	37°1	
	25	42°4	40°8	40°0	38°8	37°8	37°3	36°7	36°3	35°5	36°0	36°2	
	26	33°8	33°2	33°2	—	—	—	—	—	—	—	—	
	27	—	—	—	34°0	34°0	34°0	33°8	33°6	33°9	33°6	34°0	
	28	40°8	41°2	41°2	40°0	40°0	39°2	38°8	38°6	38°2	38°2	38°2	
	29	37°7	36°8	37°4	37°0	36°8	36°0	35°0	34°0	33°8	33°8	33°6	
	30	39°3	38°9	38°2	37°7	37°2	37°5	38°2	38°8	—	37°7	36°9	
Hourly Means	41°55	41°21	40°72	40°59	40°45	39°81	39°68	39°37	39°16	38°75	38°71	39°03	

WET THERMOMETER.												Daily and Monthly Means.
12	13	14	15	16	17	18	19	20	21	22	23	
21	22	23	0	1	2	3	4	5	6	7	8	
44.2	45.8	47.8	49.4	50.3	51.8	52.0	52.0	52.1	51.8	52.3	52.5	47.28
50.5	53.0	52.6	53.3	52.5	51.8	51.8	51.2	50.8	49.8	50.0	50.3	51.91
54.5	53.8	52.9	50.5	50.0	51.2	50.8	48.6	47.0	46.0	46.0	46.7	50.90
41.8	43.6	43.6	44.6	46.0	44.8	44.3	43.2	41.5	41.0	41.0	40.7	42.44
45.8	47.0	47.7	48.8	50.3	50.2	49.8	49.2	48.5	47.4	48.0	48.1	44.27
46.4	47.4	48.8	49.8	50.3	51.8	51.0	50.5	49.2	49.0	49.6	50.0	47.94
42.2	43.0	43.2	43.5	43.6	43.7	44.2	44.0	42.6	42.1	42.6	41.6	43.64
43.8	44.7	47.2	49.0	51.8	53.0	53.0	52.5	52.0	51.6	51.2	51.2	45.99
52.0	54.6	54.8	55.6	56.0	54.5	54.2	53.9	53.3	53.0	52.8	53.0	51.56
49.0	49.0	49.8	49.8	49.2	47.3	46.7	46.2	43.6	42.7	42.4	42.0	48.62
41.9	43.8	45.6	47.0	47.7	47.2	47.0	46.5	44.8	43.2	43.5	43.0	42.30
44.2	47.0	48.8	49.8	50.0	49.4	49.2	49.0	48.8	48.1	47.7	47.5	45.46
40.8	42.6	43.6	45.0	46.4	47.2	47.4	47.2	44.0	42.8	42.0	41.0	42.56
39.0	41.6	43.4	46.0	46.4	47.0	46.7	45.3	44.8	44.3	43.0	42.2	40.48
45.4	49.0	50.0	50.0	50.3	49.3	47.0	45.5	43.6	42.2	42.3	42.5	44.44
40.3	42.6	44.5	45.6	46.6	46.4	46.8	45.2	44.0	43.6	41.6	41.3	41.55
45.4	47.6	50.0	50.8	51.8	51.4	51.2	48.5	48.2	45.2	45.0	44.2	45.68
41.2	42.4	40.0	41.5	40.8	40.5	40.9	40.6	39.1	39.4	39.4	39.6	41.14
41.8	43.3	44.8	45.5	46.3	45.2	44.3	44.0	41.8	41.2	38.8	38.2	41.99
42.8	44.8	47.0	48.2	48.8	49.3	49.0	48.1	47.1	44.7	—	43.7	41.99
44.8	46.1	48.2	48.4	50.0	50.0	49.5	48.8	48.0	48.0	47.6	47.9	45.41
46.4	47.6	48.8	48.4	48.8	48.2	48.9	48.2	47.8	47.7	47.0	46.0	46.94
43.4	45.1	45.2	46.9	47.2	47.2	46.8	46.0	43.5	42.1	40.6	40.3	44.47
39.9	42.2	43.8	45.2	45.8	47.0	46.4	45.8	44.0	44.0	43.5	42.2	41.38
41.0	41.7	44.0	43.8	45.2	45.0	45.3	44.9	44.1	44.5	44.5	44.4	43.08
45.3	47.8	50.0	51.0	51.0	51.0	50.6	49.2	48.4	47.0	46.0	46.5	46.57
44.38	46.04	47.16	47.98	48.58	48.52	48.26	47.46	46.25	45.48	45.14	44.87	44.99
45.6	46.8	48.6	49.8	49.7	49.2	50.2	49.8	48.7	47.8	48.2	48.3	46.55
43.8	44.0	45.0	46.2	46.2	45.2	45.0	42.7	41.2	40.1	39.6	39.3	44.74
39.7	40.9	41.9	42.7	43.0	42.3	42.0	40.8	40.4	40.2	40.0	39.2	40.00
39.8	41.4	41.6	41.2	41.8	41.0	40.3	39.7	39.3	39.3	39.0	39.0	39.73
37.6	39.3	41.0	42.3	43.4	43.2	42.8	41.2	39.6	38.4	38.0	37.4	38.16
39.6	40.8	43.0	44.0	44.2	45.0	44.8	43.7	42.0	42.5	41.5	41.4	40.54
39.6	40.8	42.0	43.9	45.4	46.6	46.4	44.6	43.2	41.8	42.6	40.4	41.32
42.0	43.5	44.8	47.1	47.2	48.5	48.0	47.8	47.0	46.0	46.0	46.0	43.51
45.8	46.8	46.6	47.0	47.0	46.8	46.7	46.0	45.0	45.1	44.8	44.9	45.50
38.6	40.0	41.0	42.8	43.9	44.7	44.8	44.2	43.4	43.0	43.0	42.6	41.25
43.4	45.6	47.2	48.8	48.2	48.3	47.8	47.4	46.1	45.4	44.8	44.0	43.30
40.2	41.2	42.2	44.0	44.0	43.6	43.9	42.2	41.3	40.9	40.6	41.0	40.70
42.7	43.0	43.0	44.1	43.2	43.2	43.0	41.4	40.4	39.4	38.6	38.0	41.36
38.8	42.2	43.8	46.4	47.0	48.0	47.6	46.0	44.0	—	42.5	43.0	40.57
45.4	45.3	47.0	47.5	46.9	49.2	48.7	48.3	48.6	48.4	48.0	47.3	45.56
40.9	41.5	42.5	44.5	44.0	44.4	44.6	43.8	42.8	42.0	41.0	41.4	42.52
43.6	44.2	44.5	44.3	45.0	46.0	44.2	43.9	43.5	42.3	41.4	41.0	43.81
41.1	42.6	44.2	45.7	46.0	46.6	46.2	44.8	43.0	42.3	41.8	41.0	41.40
40.2	42.6	44.4	46.6	46.2	46.2	45.5	45.4	44.5	42.4	43.3	43.5	42.20
41.0	42.7	45.0	45.9	46.6	47.5	47.2	47.2	46.0	44.8	43.6	42.2	42.40
40.0	41.2	42.7	44.2	46.0	47.6	48.8	48.0	47.0	47.2	45.4	44.1	42.24
36.2	38.3	40.0	43.2	43.3	43.7	44.0	41.5	39.0	37.6	36.3	34.5	38.79
35.2	36.5	37.7	39.5	41.2	42.6	42.0	41.4	40.8	40.6	40.8	40.8	36.87
38.0	39.0	41.4	43.4	43.8	44.2	44.1	42.3	40.0	39.5	38.9	38.2	40.22
34.6	36.6	39.6	41.7	42.6	44.2	44.2	44.0	43.0	40.8	40.5	40.0	38.20
38.6	41.2	42.7	44.0	45.6	46.8	46.6	45.0	43.0	42.0	40.0	39.0	40.52
40.46	41.85	43.21	44.65	45.05	45.56	45.36	44.35	43.18	42.40	41.93	41.44	41.61

WET THERMOMETER.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
JULY.	1	39°0	39°0	39°0	39°2	39°2	39°2	39°1	39°5	42°1	43°3	45°2	45°0
	2	42°0	41°6	40°5	39°7	39°3	39°3	39°3	39°1	—	39°0	38°8	39°6
	3	41°0	40°2	41°0	—	—	—	—	—	—	—	—	—
	4	—	—	—	42°7	42°7	42°6	42°6	42°7	42°6	42°3	41°0	41°3
	5	41°2	41°0	41°5	41°5	40°0	39°3	38°6	38°2	38°0	37°8	37°0	37°5
	6	41°0	39°2	37°7	37°4	36°4	36°0	35°6	35°2	34°6	33°2	33°2	33°0
	7	39°4	39°2	39°2	38°0	37°4	37°4	37°4	37°6	37°8	37°9	37°3	37°3
	8	41°6	40°8	40°6	40°3	39°7	39°3	38°3	38°0	38°0	38°4	38°6	38°8
	9	40°1	39°6	40°6	40°2	—	40°2	40°0	40°0	40°0	40°1	40°5	40°2
	10	43°0	43°4	42°8	—	—	—	—	—	—	—	—	—
	11	—	—	—	42°7	42°4	42°1	41°6	41°1	—	—	—	41°0
	12	42°3	41°8	40°7	40°0	39°7	39°0	38°8	38°2	—	36°3	36°0	36°8
	13	39°0	39°6	39°4	39°0	39°0	39°0	38°8	38°4	38°2	38°3	37°7	38°5
	14	47°0	46°3	46°0	46°0	46°2	45°8	46°0	45°7	45°6	45°6	45°4	45°5
	15	45°9	45°6	46°0	45°3	43°0	42°6	42°2	42°4	42°8	42°4	41°7	41°6
	16	42°6	42°0	42°0	42°0	42°0	41°8	42°0	41°2	41°1	41°0	41°3	42°7
	17	44°2	44°0	43°5	—	—	—	—	—	—	—	—	—
	18	—	—	—	44°0	43°8	43°8	43°2	42°6	42°2	42°0	42°3	42°6
	19	44°8	45°6	45°0	45°0	44°8	44°6	44°6	44°6	44°5	44°2	44°0	44°0
	20	41°7	41°0	40°2	39°4	38°7	37°8	37°5	35°8	36°0	36°0	36°4	37°0
	21	38°8	37°4	38°6	38°1	37°8	37°2	37°0	36°8	36°2	35°8	37°0	37°3
	22	44°4	44°1	43°7	42°8	42°2	42°4	43°0	41°7	41°2	39°2	38°8	39°0
	23	41°0	40°8	40°5	40°2	39°6	39°4	39°9	39°7	39°8	39°2	39°0	40°6
	24	41°0	40°6	40°3	—	—	—	—	—	—	—	—	—
	25	—	—	—	39°8	39°4	39°0	38°2	37°4	37°3	36°8	36°3	37°0
	26	41°4	41°0	40°7	40°5	41°3	42°2	40°3	40°0	40°8	41°0	41°0	41°4
	27	44°9	45°3	45°2	44°6	44°4	44°2	44°0	44°0	43°8	43°8	43°2	43°5
	28	40°6	40°0	39°5	39°6	39°5	39°0	38°8	38°5	37°8	37°2	37°2	38°2
	29	40°4	40°8	41°2	41°1	41°3	41°2	41°2	41°0	—	41°0	41°4	42°8
	30	45°1	44°3	43°0	41°3	40°6	40°0	39°4	39°0	38°7	39°0	39°2	38°8
Hourly Means	42°05	41°70	41°48	41°17	40°82	40°55	40°28	39°94	39°96	39°63	39°58	40°04	
AUGUST.	July 31	42°8	42°4	41°6	—	—	—	—	—	—	—	—	
	1	—	—	—	38°5	38°1	38°1	38°3	37°6	37°2	36°8	35°8	37°2
	2	43°9	44°2	43°8	43°2	43°2	43°2	43°2	43°4	44°0	43°8	43°2	44°3
	3	47°0	46°8	46°0	45°0	44°2	44°2	43°0	43°2	43°0	42°0	41°9	43°7
	4	45°0	45°0	44°6	43°9	44°2	44°0	43°5	42°8	42°4	42°0	41°4	41°8
	5	44°3	43°3	43°0	43°1	42°6	42°0	41°4	40°8	—	39°2	38°8	39°0
	6	42°0	42°2	42°2	42°4	41°0	40°9	41°0	41°0	40°6	39°1	39°2	40°6
	7	43°3	42°2	41°3	—	—	—	—	—	—	—	—	—
	8	—	—	—	—	42°4	41°2	40°2	39°4	39°2	38°2	37°4	40°1
	9	42°6	41°0	41°4	41°6	40°9	40°0	40°0	40°0	40°7	40°8	40°4	41°0
	10	43°0	43°0	43°0	43°8	—	42°8	42°7	42°3	42°2	42°0	42°6	44°0
	11	45°3	45°9	45°2	44°2	—	44°8	45°3	45°8	45°2	44°9	45°5	45°5
	12	43°4	43°0	41°4	40°8	40°1	39°8	39°3	39°1	—	39°2	39°8	40°1
	13	47°5	47°2	47°0	47°0	47°5	48°9	46°6	46°3	—	44°4	44°4	44°8
	14	42°0	41°3	41°0	—	—	—	—	—	—	—	—	—
	15	—	—	—	42°2	42°0	42°0	41°7	42°2	42°1	41°7	42°6	45°0
	16	46°0	45°8	45°0	45°0	45°0	44°2	43°8	44°1	44°8	44°5	44°0	45°0
	17	45°3	45°3	45°2	45°8	—	45°8	45°5	46°0	45°2	45°1	45°2	46°2
	18	44°0	44°0	43°8	42°8	43°2	43°0	43°0	42°8	42°3	42°2	42°0	43°8
	19	40°0	39°7	39°4	41°0	40°0	39°1	39°3	41°3	42°0	42°0	42°2	43°0
	20	41°4	42°0	42°1	41°3	41°4	41°6	41°4	41°4	—	40°0	40°3	43°5
	21	40°0	39°4	39°4	—	—	—	—	—	—	—	—	—
	22	—	—	—	41°5	41°3	41°6	41°4	40°9	40°6	40°4	41°4	43°0
	23	42°6	42°0	42°0	40°8	40°0	39°4	39°0	39°0	38°5	38°5	38°8	40°8
	24	43°4	40°8	40°4	40°0	39°5	39°0	38°7	38°0	38°3	38°0	38°0	40°3
	25	39°8	38°8	38°2	37°3	37°0	36°5	36°2	36°0	35°8	35°6	36°0	39°0
	26	45°1	44°9	44°7	44°7	—	44°6	44°6	44°2	44°2	44°0	44°2	45°8
	27	47°4	47°0	46°6	46°4	46°0	45°6	45°0	45°4	45°5	46°8	48°6	49°2
	28	47°0	46°4	46°7	—	—	—	—	—	—	—	—	—
	29	—	—	—	41°6	41°4	41°0	40°6	41°0	40°6	40°5	41°3	44°0
	30	44°2	44°0	44°0	43°6	44°0	43°4	43°0	42°8	43°0	43°2	44°0	44°5
31	46°8	46°0	47°0	47°2	—	45°3	45°3	45°6	45°4	45°0	46°2	48°6	
Hourly Means	43°89	43°47	43°18	42°87	42°05	42°30	41°97	41°35	41°86	41°48	41°67	43°10	

WET THERMOMETER.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
45.8	46.2	44.8	44.2	44.3	44.3	43.4	43.0	—	43.1	43.0	43.2	42.35
40.8	41.5	42.7	42.6	43.8	43.3	43.2	42.7	42.3	42.3	42.0	41.5	41.17
—	—	—	—	—	—	—	—	—	—	—	—	42.65
42.2	43.4	46.0	45.2	44.8	45.4	44.3	43.7	42.9	41.6	41.5	40.0	41.00
39.9	41.7	43.1	45.3	44.3	45.0	44.6	44.0	43.2	41.2	39.8	40.3	37.88
33.7	36.6	38.7	40.5	41.8	42.5	42.8	42.2	41.0	41.0	—	—	40.74
39.6	40.8	42.2	44.0	45.0	46.0	46.5	45.5	44.6	43.1	42.5	42.0	40.90
39.8	41.0	42.8	43.9	44.8	45.0	44.2	43.5	42.2	41.3	40.6	40.2	41.40
41.9	44.5	45.0	47.0	48.0	47.8	47.5	46.8	46.8	46.4	46.2	44.2	—
—	—	—	—	—	—	—	—	—	—	—	—	43.94
42.0	44.8	46.5	46.2	48.1	47.2	46.3	46.0	44.6	44.3	43.6	43.0	40.76
38.4	40.2	42.0	44.2	45.8	46.0	45.4	44.2	42.0	40.6	40.0	39.0	42.24
40.2	43.4	45.4	45.8	46.3	47.7	47.4	46.8	46.2	46.2	47.0	46.5	46.61
45.2	46.8	47.2	48.5	48.2	47.8	48.0	48.0	47.3	47.2	46.7	46.6	44.04
43.8	44.6	46.2	45.7	45.2	45.3	45.5	44.8	44.2	43.8	43.4	43.0	43.12
43.2	43.4	44.0	44.6	44.8	45.5	45.3	45.2	44.5	44.4	44.0	44.2	—
—	—	—	—	—	—	—	—	—	—	—	—	45.45
43.2	45.5	48.5	49.2	50.6	50.2	50.2	49.4	47.6	47.0	46.0	45.2	45.31
45.0	47.2	48.6	49.2	49.6	47.8	46.8	45.3	44.0	43.0	43.0	42.3	39.36
37.3	38.1	39.8	40.3	41.1	43.0	43.4	42.9	41.8	40.5	39.8	39.2	39.71
37.6	38.2	39.0	39.8	40.3	42.0	43.3	44.5	44.8	45.0	45.2	45.0	43.22
42.4	44.2	45.2	47.0	47.0	46.8	46.2	45.0	44.4	43.2	42.1	41.2	41.39
42.4	43.2	43.2	43.7	44.4	44.2	44.2	43.7	42.0	40.8	40.7	41.1	—
—	—	—	—	—	—	—	—	—	—	—	—	40.12
38.8	40.8	41.2	42.0	42.2	42.2	42.2	42.2	42.2	42.3	42.0	41.8	42.67
42.0	42.2	42.8	44.5	44.2	46.0	45.7	45.6	44.6	44.7	45.0	45.1	45.41
45.9	47.3	49.1	49.0	49.8	50.8	48.2	47.4	45.0	43.2	42.2	41.0	40.15
40.2	40.0	40.6	41.0	41.8	43.0	43.5	43.0	41.2	41.2	41.0	41.1	44.09
44.2	46.7	47.5	47.2	49.0	48.2	47.2	47.2	46.4	46.1	45.6	45.4	43.02
40.3	42.8	45.0	47.2	48.2	48.2	48.0	46.4	44.8	44.8	44.2	44.2	—
41.38	42.88	44.12	44.92	45.52	45.82	45.51	44.96	44.02	43.40	43.08	42.67	42.26
—	—	—	—	—	—	—	—	—	—	—	—	41.47
39.8	42.2	45.3	46.0	46.0	46.2	45.9	45.5	44.6	43.3	42.4	43.6	45.72
44.6	47.2	48.1	49.3	48.6	49.2	49.6	48.0	47.8	47.2	47.2	47.0	45.81
46.0	48.2	48.4	48.2	47.6	47.8	49.0	48.5	47.8	47.5	45.7	44.8	44.75
43.0	45.2	46.2	47.3	48.8	48.8	46.9	46.3	46.5	45.2	44.2	45.0	42.34
40.0	42.0	42.2	44.2	44.5	43.8	44.0	43.8	43.6	43.0	43.0	42.2	43.77
42.4	45.2	47.8	48.0	48.2	49.0	49.6	48.5	45.9	44.8	44.9	44.0	—
—	—	—	—	—	—	—	—	—	—	—	—	41.15
42.0	43.8	45.8	46.5	48.6	47.2	46.6	46.0	45.0	44.0	43.2	44.0	43.07
43.6	45.8	47.8	46.2	47.2	46.2	45.5	45.0	45.8	44.0	43.2	43.0	45.71
46.0	47.0	47.2	49.0	50.1	51.0	50.3	49.6	48.8	48.2	47.0	45.7	46.21
46.0	48.0	48.6	49.3	49.4	49.6	48.8	48.2	45.4	44.0	43.6	44.4	44.37
41.0	43.6	44.4	47.0	49.8	51.2	51.5	51.2	50.2	49.2	48.2	47.3	45.52
45.0	46.2	47.0	47.5	45.3	46.1	45.0	43.8	43.0	42.2	42.2	42.0	—
—	—	—	—	—	—	—	—	—	—	—	—	45.22
46.3	48.2	50.2	50.0	50.8	50.8	49.7	48.6	46.5	46.0	46.5	46.0	46.88
46.8	48.0	50.4	51.5	51.2	51.7	51.0	50.0	48.5	47.2	46.1	45.6	46.53
46.8	49.0	48.8	49.2	48.8	51.0	49.0	47.0	46.2	45.0	44.8	44.0	44.73
45.2	46.6	47.4	48.6	48.7	49.0	48.0	48.2	47.5	45.0	41.5	41.0	42.82
43.6	44.0	44.6	45.2	45.8	47.0	47.0	46.4	45.2	44.3	43.0	42.7	43.00
43.8	45.2	45.9	45.6	45.0	45.8	46.2	45.4	44.4	43.0	41.8	40.6	—
—	—	—	—	—	—	—	—	—	—	—	—	43.95
45.0	46.8	47.8	48.7	48.7	49.2	49.1	48.7	47.8	46.1	43.2	42.8	43.17
43.8	45.8	46.3	48.3	48.2	48.2	46.6	47.0	46.2	45.8	44.6	44.0	42.26
42.8	44.8	46.8	47.6	47.5	46.8	46.8	46.5	44.4	43.3	42.0	40.6	41.82
41.4	43.5	45.0	47.2	48.6	49.1	49.0	49.0	47.3	46.3	45.8	45.3	48.11
48.0	50.0	51.8	52.3	54.7	54.5	53.2	52.0	51.6	50.2	49.2	48.0	48.15
51.2	50.8	50.8	50.8	50.8	52.6	49.0	49.3	48.7	47.8	47.2	47.2	—
—	—	—	—	—	—	—	—	—	—	—	—	45.00
45.2	46.5	48.8	48.8	49.2	49.6	50.4	47.8	47.2	45.4	44.6	44.4	46.05
46.6	48.2	48.6	49.6	50.0	50.0	49.7	48.9	48.0	47.5	47.3	47.0	49.80
51.0	53.0	54.5	57.0	58.0	59.2	51.0	51.8	51.3	50.6	50.3	49.2	—
44.70	46.47	47.65	48.48	48.90	49.28	48.46	47.82	46.86	45.88	44.92	44.50	44.72

WET THERMOMETER.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
SEPTEMBER.	1	48°2	48°2	48°3	48°1	48°5	48°5	48°8	48°7	—	48°0	47°7	48°0
	2	47°0	46°6	46°6	46°6	46°5	46°5	46°7	46°9	46°9	46°8	47°0	47°6
	3	47°6	47°2	46°8	46°6	—	46°4	46°2	46°0	46°1	46°3	46°7	48°0
	4	49°5	49°2	49°0	—	—	—	—	—	—	—	—	—
	5	—	—	—	49°0	48°8	48°3	47°7	45°2	44°3	45°0	46°5	48°7
	6	46°8	45°0	43°1	43°0	42°3	43°0	43°3	42°2	42°5	42°8	43°0	43°8
	7	47°8	48°2	48°0	48°0	48°8	47°6	46°8	45°8	44°5	45°3	45°7	48°8
	8	50°0	48°0	47°2	46°8	46°3	45°5	44°5	44°0	43°7	43°8	45°2	46°8
	9	46°0	45°0	44°8	43°9	42°6	42°7	42°9	42°9	43°2	43°8	44°4	46°0
	10	49°0	48°5	48°0	48°0	48°0	47°8	47°4	47°0	46°6	46°4	47°1	48°2
	11	39°4	37°9	38°1	—	—	—	—	—	—	—	—	—
	12	—	—	—	38°0	37°7	37°6	37°3	37°2	37°4	37°6	39°2	41°4
	13	42°2	41°6	41°2	40°6	40°0	39°2	38°8	38°0	37°5	37°2	38°5	40°8
	14	42°0	41°4	42°0	43°0	42°2	41°7	41°2	40°7	40°3	40°3	41°3	42°8
	15	49°8	50°3	49°7	49°3	49°0	48°6	48°3	48°0	—	49°0	49°4	50°2
	16	49°1	49°7	49°8	49°5	49°4	49°4	49°0	48°8	—	51°8	53°4	54°9
	17	51°2	51°0	50°6	50°0	—	—	—	—	—	43°1	44°2	46°1
	18	46°5	46°2	45°2	—	—	—	—	—	—	—	—	—
	19	—	—	—	46°0	45°4	45°0	44°8	44°4	43°6	44°0	46°5	48°5
	20	42°0	41°2	41°6	41°4	41°0	40°0	39°7	39°7	40°7	41°0	42°8	43°8
	21	46°3	46°0	45°2	44°4	44°6	44°5	44°7	45°2	—	46°0	46°6	47°8
	22	46°3	46°4	46°8	46°5	46°2	46°0	45°8	45°2	43°8	43°2	45°5	47°2
	23	51°5	51°3	49°7	48°3	45°0	43°6	42°4	41°0	40°8	40°2	41°0	41°3
	24	42°0	41°0	40°5	42°0	41°3	41°3	41°2	41°0	40°6	40°6	41°0	42°6
	25	38°2	37°5	37°5	—	—	—	—	—	—	—	—	—
	26	—	—	—	41°5	39°8	39°3	38°0	38°0	37°4	37°0	40°0	41°8
	27	46°9	47°5	47°6	47°8	47°4	48°3	49°2	50°0	51°7	51°0	51°3	51°8
	28	45°0	44°9	43°7	42°7	42°5	42°2	42°0	41°6	—	41°4	42°6	44°6
	29	40°6	39°2	38°8	38°2	37°2	36°8	35°8	35°2	35°4	36°1	38°4	42°1
	30	43°0	43°0	43°9	43°2	42°8	42°3	42°0	42°2	—	40°2	43°8	44°8
Hourly Means	45°92	45°46	45°14	45°19	44°31	44°08	43°78	43°40	42°47	43°38	44°57	46°10	
OCTOBER.	1	43°3	42°6	41°8	42°1	42°0	41°8	41°6	40°0	40°0	40°2	43°2	44°3
	2	43°0	43°0	43°0	—	—	—	—	—	—	—	—	—
	3	—	—	—	44°2	44°2	44°3	44°2	44°2	45°0	45°4	45°6	45°8
	4	37°6	37°8	38°0	37°8	37°8	37°8	37°8	37°8	38°0	38°0	38°8	40°8
	5	42°8	41°6	41°6	41°6	42°2	42°8	43°2	43°5	44°3	45°0	46°7	47°2
	6	50°6	50°4	50°0	50°0	50°0	49°0	48°3	47°8	47°8	47°8	50°2	51°6
	7	49°0	49°6	48°7	47°0	—	46°8	46°8	46°6	46°3	46°5	49°0	50°0
	8	51°0	50°0	48°8	48°0	48°0	47°0	45°9	46°9	46°6	48°0	51°2	53°3
	9	56°6	55°0	53°0	—	—	—	—	—	—	—	—	—
	10	—	—	—	49°2	49°4	49°6	50°0	50°0	50°6	51°2	52°0	53°2
	11	52°0	52°2	52°0	51°8	51°3	50°8	51°2	51°2	51°0	48°8	49°5	50°3
	12	47°8	47°0	46°6	45°8	45°0	44°2	44°0	43°1	43°8	44°2	44°6	45°4
	13	41°3	41°2	41°2	40°9	40°5	40°5	40°0	40°7	—	42°2	43°4	45°0
	14	42°4	41°8	41°0	40°6	—	40°2	40°0	39°0	39°3	39°6	41°8	42°0
	15	42°7	42°0	41°8	39°5	38°2	37°2	36°7	37°0	38°0	39°0	42°0	44°2
	16	44°2	42°7	41°7	—	—	—	—	—	—	—	—	—
	17	—	—	—	50°8	50°5	50°5	50°8	50°8	50°4	52°4	55°2	57°0
	18	44°8	44°8	44°8	44°8	44°2	43°5	43°2	43°5	44°0	44°8	47°6	47°6
	19	48°0	47°6	47°6	47°6	—	—	47°6	47°6	47°8	48°5	49°2	50°5
	20	52°6	52°2	51°0	51°0	51°0	50°8	50°7	50°5	50°8	50°5	51°0	51°3
	21	46°5	46°2	45°5	44°7	43°7	44°0	44°0	43°6	43°3	43°0	44°2	47°5
	22	44°5	43°0	43°3	43°6	43°4	43°4	43°2	43°0	42°5	43°0	43°2	44°8
	23	43°2	40°0	39°4	—	—	—	—	—	—	—	—	—
	24	—	—	—	43°9	43°6	43°7	43°6	43°3	44°2	45°8	47°8	48°2
	25	49°0	48°6	47°2	46°6	46°2	46°2	45°8	45°5	45°6	48°0	50°1	52°2
	26	49°4	49°4	49°4	49°4	47°2	47°0	46°7	45°8	45°5	47°0	48°2	50°7
	27	45°2	45°5	45°2	43°8	—	43°7	44°7	45°0	45°4	45°8	47°2	48°6
	28	51°4	51°3	51°0	51°2	—	50°8	50°4	50°0	49°2	—	49°8	50°2
	29	50°8	50°6	49°0	48°2	47°8	47°7	47°5	47°2	47°8	48°2	50°0	51°2
	30	53°5	54°0	54°0	—	—	—	—	—	—	—	—	—
	31	—	—	—	54°2	54°8	55°2	54°6	54°0	52°2	52°7	54°2	55°5
Hourly Means	47°05	46°54	46°02	46°09	45°76	45°54	45°48	45°30	45°58	45°82	47°53	48°78	

WET THERMOMETER.												Daily and Monthly Means.
12	13	14	15	16	17	18	19	20	21	22	23	
21	22	23	0	1	2	3	4	5	6	7	8	
47.7	48.1	49.0	48.3	48.4	48.0	47.8	47.6	47.4	47.0	47.0	47.0	48.01
48.8	48.4	50.2	50.0	51.0	51.0	50.3	50.0	49.8	48.8	48.6	48.3	48.20
48.0	50.4	51.8	52.0	52.9	52.9	52.8	52.0	51.4	50.7	50.5	50.0	49.10
—	—	—	—	—	—	—	—	—	—	—	—	—
50.3	51.5	51.0	51.5	52.6	52.5	51.6	51.2	51.0	49.3	48.0	47.5	49.13
46.2	48.2	50.0	50.9	51.8	53.0	54.2	54.2	53.2	51.0	49.1	48.2	47.12
51.4	53.7	56.2	56.2	56.8	57.0	57.0	55.0	54.2	53.7	52.2	51.8	50.85
48.0	50.4	51.4	52.2	51.9	50.7	50.5	48.8	47.5	46.4	45.8	46.4	47.58
46.6	47.5	48.2	49.9	51.0	51.5	52.0	51.2	50.1	50.0	49.5	49.8	46.90
49.1	49.7	50.0	48.6	46.0	45.8	44.4	44.6	42.4	42.0	40.3	40.2	46.46
—	—	—	—	—	—	—	—	—	—	—	—	—
43.0	45.2	46.7	47.2	48.7	47.9	48.7	48.2	46.6	44.6	43.3	42.5	42.14
43.6	45.2	46.7	48.4	49.8	48.2	48.2	48.0	47.8	45.0	44.0	43.0	43.06
44.4	45.6	46.8	48.8	49.7	51.2	52.8	53.5	52.6	50.7	49.5	49.4	45.58
51.6	52.0	54.0	55.4	54.4	53.1	53.0	51.8	51.8	51.0	50.8	50.0	50.90
55.5	54.6	57.0	58.0	57.8	58.2	57.0	56.0	54.6	53.2	52.2	51.7	53.07
48.6	49.4	50.2	50.6	51.0	51.7	50.2	51.0	48.3	47.0	45.7	46.2	48.74
—	—	—	—	—	—	—	—	—	—	—	—	—
50.4	52.8	51.8	52.8	54.2	54.6	52.4	50.6	46.2	45.0	43.0	42.2	47.59
45.0	45.8	46.8	48.0	48.0	49.5	49.5	49.6	48.4	48.0	48.0	48.3	44.58
48.6	49.5	50.0	51.0	52.4	52.1	52.0	51.3	50.4	49.2	47.5	46.7	47.91
48.8	48.6	49.0	49.3	50.8	52.2	51.2	51.2	51.0	50.8	50.0	51.0	48.03
42.6	43.0	45.8	48.0	47.5	48.2	48.2	48.2	47.0	43.8	42.7	42.7	45.16
44.5	45.7	47.0	47.0	46.6	44.2	43.6	44.0	41.7	40.3	40.0	38.1	42.41
—	—	—	—	—	—	—	—	—	—	—	—	—
45.2	47.5	49.2	51.6	51.3	52.6	52.8	51.3	51.8	48.8	47.5	46.0	44.23
53.4	54.8	51.0	50.0	48.6	47.3	47.9	49.0	48.5	47.8	46.1	45.2	49.17
49.0	48.5	48.6	49.9	49.0	47.0	46.0	45.5	45.8	45.0	43.6	41.2	44.88
42.8	44.8	45.0	45.0	43.7	43.2	44.0	45.7	46.0	44.0	43.5	43.0	41.02
45.2	45.5	48.2	45.4	46.0	47.7	47.5	46.5	45.9	45.7	44.7	44.2	44.50
47.63	48.71	49.68	50.22	50.46	50.43	50.22	49.85	48.90	47.65	46.66	46.18	46.78
—	—	—	—	—	—	—	—	—	—	—	—	—
45.7	46.7	48.0	47.6	49.8	49.5	48.2	47.8	45.8	44.8	43.8	43.0	44.32
—	—	—	—	—	—	—	—	—	—	—	—	—
46.7	45.3	44.5	43.8	42.9	45.4	43.0	41.8	40.3	39.0	38.3	37.8	43.36
42.3	43.9	44.0	44.3	45.8	46.2	46.8	45.8	45.8	45.0	43.8	43.0	41.45
48.8	49.0	51.0	53.2	54.0	54.0	52.2	52.0	52.5	51.7	50.4	50.5	47.57
53.0	54.2	54.7	53.0	54.0	53.3	52.4	51.9	52.2	51.6	50.4	48.6	50.95
51.5	53.0	53.9	55.0	55.5	54.4	54.8	55.2	54.5	53.6	52.6	51.2	50.94
55.0	56.8	57.8	59.2	59.5	60.5	63.6	65.5	64.5	62.0	59.0	58.2	54.43
—	—	—	—	—	—	—	—	—	—	—	—	—
55.0	52.2	53.5	54.7	54.6	54.4	54.4	54.2	55.6	54.6	53.6	53.0	52.90
50.6	51.4	53.8	54.4	55.6	57.0	58.0	58.2	55.6	51.0	48.2	47.8	52.24
47.2	45.1	50.0	49.0	49.0	53.0	52.3	52.1	49.3	45.0	43.0	41.2	46.57
47.8	50.9	51.7	53.0	54.8	51.6	51.2	50.4	46.0	44.6	42.8	42.6	45.40
44.0	44.8	45.4	47.8	49.0	47.4	47.5	47.0	46.3	46.0	44.8	43.6	43.54
45.0	47.5	48.1	50.0	51.0	51.7	51.0	50.4	50.9	48.3	46.6	45.1	44.33
—	—	—	—	—	—	—	—	—	—	—	—	—
57.8	59.2	59.2	55.8	53.2	49.5	48.0	48.3	50.2	48.2	47.0	47.0	50.85
47.7	47.5	49.5	50.0	51.5	52.1	53.2	51.0	49.8	48.9	47.3	47.7	47.16
52.2	52.9	52.6	52.3	53.8	54.8	54.2	53.0	53.0	53.0	52.4	52.2	50.84
52.2	53.0	53.2	53.6	53.2	53.8	53.2	51.2	49.2	48.4	47.4	47.2	51.21
48.8	48.2	49.0	49.8	50.0	49.2	48.4	47.6	47.8	46.7	44.2	44.8	46.28
47.2	46.2	45.9	46.3	46.0	45.2	45.8	46.2	47.4	47.2	46.0	43.6	44.75
—	—	—	—	—	—	—	—	—	—	—	—	—
50.9	51.5	52.8	52.2	51.3	53.4	53.2	52.4	51.3	50.9	50.2	49.6	47.77
52.3	52.1	53.6	55.6	56.6	56.6	57.0	57.0	55.0	52.6	51.6	50.8	50.91
48.4	47.8	49.0	50.8	51.3	50.5	50.2	49.0	47.8	46.4	46.2	45.5	48.28
50.7	51.3	50.3	51.8	53.0	53.8	53.3	54.2	53.1	52.2	51.9	52.0	49.03
50.4	51.2	51.4	52.0	52.0	51.8	52.4	52.2	51.6	51.8	50.8	51.0	51.09
53.0	53.8	56.0	58.0	59.0	59.2	56.2	56.0	55.5	54.1	53.2	53.3	52.22
—	—	—	—	—	—	—	—	—	—	—	—	—
48.2	47.3	47.8	50.6	51.0	49.6	49.0	48.4	47.4	46.6	46.0	46.2	51.12
49.71	50.11	51.03	51.68	52.21	52.23	51.90	51.50	50.71	49.40	48.13	47.56	48.44

WET THERMOMETER.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
NOVEMBER.	1	46°0	44°2	44°0	43°2	43°0	43°0	42°8	42°8	42°7	44°3	47°6	49°3
	2	50°2	49°5	48°0	46°8	46°3	46°2	46°2	46°3	46°6	47°8	49°0	49°2
	3	57°0	56°8	57°2	58°0	—	58°0	58°0	58°0	58°0	58°5	58°8	55°8
	4	44°0	44°0	43°0	42°0	41°0	40°8	39°6	40°2	39°5	40°3	41°3	43°5
	5	40°2	40°2	39°8	39°6	39°4	39°4	38°7	38°5	39°0	40°3	42°5	43°4
	6	45°0	45°0	45°0	—	—	—	—	—	—	—	—	—
	7	—	—	—	48°5	48°2	48°1	47°6	46°2	46°6	47°3	50°0	53°3
	8	43°2	43°0	42°7	42°5	42°8	42°6	41°6	41°6	42°0	43°2	44°0	45°6
	9	47°7	46°1	46°4	46°6	—	43°6	43°8	44°2	42°5	44°2	44°2	45°5
	10	43°2	41°6	41°6	41°8	41°8	42°5	43°2	43°8	44°1	45°5	47°2	47°1
	11	41°2	41°3	41°0	40°5	39°6	40°2	39°8	40°0	40°8	44°6	47°4	47°8
	12	47°9	44°1	42°0	41°3	41°2	40°8	40°8	40°6	40°2	41°7	45°0	48°8
	13	52°0	51°0	50°2	—	—	—	—	—	—	—	—	—
	14	—	—	—	50°6	50°7	50°6	50°3	50°0	50°8	51°4	52°6	54°6
	15	47°4	46°0	45°1	43°2	41°4	40°0	40°2	40°2	41°2	43°0	44°0	44°8
	16	45°2	45°0	45°8	46°4	46°8	43°5	41°5	40°7	—	42°5	45°1	46°0
	17	45°2	44°7	44°3	44°0	43°3	43°8	43°0	42°5	—	44°8	46°4	49°0
	18	51°8	51°7	52°1	51°3	51°2	51°0	50°8	51°0	50°5	51°5	54°0	54°5
	19	47°6	47°4	47°4	47°4	47°4	47°2	47°0	—	46°2	46°8	48°0	48°0
	20	45°0	45°0	45°0	—	—	—	—	—	—	—	—	—
	21	—	—	—	51°6	51°2	50°8	50°6	50°6	51°3	53°0	52°5	54°0
	22	51°6	52°2	50°6	51°0	50°8	50°8	50°0	50°2	51°7	52°8	52°7	51°0
	23	44°8	44°7	45°0	44°8	45°0	44°3	44°3	44°0	45°4	47°2	49°0	50°6
	24	53°4	53°0	52°6	52°8	52°5	51°2	49°5	49°2	50°0	50°7	54°0	55°5
	25	48°2	48°5	48°7	47°2	46°0	45°2	44°5	43°7	44°3	47°3	48°2	50°8
	26	50°0	49°0	48°3	48°6	—	48°2	48°2	47°7	48°5	50°8	51°8	53°8
	27	51°8	51°4	50°7	—	—	—	—	—	—	—	—	—
	28	—	—	—	53°0	53°0	52°0	49°2	49°2	—	51°8	51°7	51°2
	29	46°2	45°0	45°0	45°2	45°4	45°1	45°8	46°2	46°7	47°8	49°8	50°5
	30	45°2	44°6	44°3	44°0	42°7	42°2	41°8	41°8	43°5	44°8	45°0	45°0
Hourly Means	47°35	46°73	46°38	46°61	45°68	45°81	45°34	45°17	45°74	47°07	48°53	49°56	
DECEMBER.	1	40°7	40°2	40°2	40°0	—	40°0	39°8	39°8	41°2	43°1	44°6	45°5
	2	48°2	47°2	46°2	45°0	44°7	44°2	43°3	42°4	43°8	44°2	48°2	50°2
	3	49°3	49°2	48°3	47°6	47°5	47°2	47°2	47°0	47°8	50°0	52°0	53°0
	4	57°7	56°2	55°8	—	—	—	—	—	—	—	—	—
	5	—	—	—	50°2	49°3	49°4	49°9	48°6	48°2	50°8	52°0	51°8
	6	52°3	51°4	50°8	50°2	50°2	50°0	49°2	48°8	49°6	52°0	54°2	57°0
	7	61°7	60°8	59°5	58°0	58°2	58°2	58°2	58°5	59°0	60°9	63°3	64°8
	8	60°2	59°7	59°0	58°9	—	57°5	57°0	57°0	57°5	59°0	60°8	62°0
	9	59°2	60°4	61°1	61°1	60°4	58°8	57°3	56°2	56°8	59°9	61°2	60°5
	10	59°5	—	59°8	59°8	58°7	59°0	58°5	58°5	59°3	60°9	61°8	63°1
	11	59°6	59°3	59°3	—	—	—	—	—	—	—	—	—
	12	—	—	—	58°7	58°5	58°3	58°8	59°0	59°5	60°7	61°0	61°6
	13	53°8	53°8	53°8	53°7	54°0	54°0	54°0	54°0	55°1	55°9	55°6	57°8
	14	60°7	59°8	58°2	59°0	58°3	58°4	58°5	57°4	58°2	59°8	62°0	63°8
	15	57°0	54°0	52°8	52°5	50°2	48°0	48°3	49°7	50°6	51°3	52°0	54°0
	16	53°2	—	52°0	53°7	53°0	52°0	51°7	51°8	52°2	54°8	56°2	57°5
	17	57°8	58°0	58°0	58°2	58°5	58°2	—	58°6	58°8	60°2	61°2	63°0
	18	49°0	48°0	48°8	—	—	—	—	—	—	—	—	—
	19	—	—	—	—	47°5	45°4	45°5	45°0	45°8	47°0	48°0	49°5
	20	45°3	44°8	44°5	44°2	44°0	44°3	44°0	43°5	44°2	46°4	48°2	50°0
	21	51°0	50°5	50°2	49°0	48°0	46°8	46°0	45°2	46°6	48°2	50°5	52°8
	22	57°2	56°8	56°0	56°5	55°4	55°0	54°2	54°4	54°3	57°0	59°8	61°2
	23	52°6	51°5	51°0	50°5	49°8	49°0	48°2	48°0	48°2	50°5	51°6	53°8
	24	58°7	59°0	59°2	—	—	—	—	—	—	—	—	—
	25	—	—	—	—	—	—	—	—	—	—	—	—
	26	—	—	—	53°2	53°0	52°5	51°8	51°7	52°2	54°2	55°0	56°6
	27	59°0	58°8	58°5	58°3	—	57°6	57°0	56°8	56°7	58°0	58°0	59°0
	28	51°2	49°2	49°0	49°0	—	48°5	48°0	48°4	48°8	49°8	49°8	51°0
	29	54°0	54°2	55°0	54°8	54°2	54°0	53°8	53°5	53°6	53°6	53°6	54°6
	30	56°9	57°2	57°2	57°0	57°0	57°0	57°0	57°0	57°1	58°0	60°0	62°0
	31	62°4	62°0	62°2	62°4	61°0	61°2	61°8	59°0	57°1	56°1	55°5	56°2
Hourly Means	54°93	54°25	54°17	53°66	53°25	52°48	52°00	51°92	52°40	53°94	55°23	56°63	

* Christmas Day.

WET THERMOMETER.												Daily and Monthly Means.
12	13	14	15	16	17	18	19	20	21	22	23	
21	22	23	0	1	2	3	4	5	6	7	8	
51.6	54.0	54.6	55.4	55.2	55.2	55.2	58.0	56.3	54.0	52.4	51.2	49.42
52.8	54.2	55.7	57.8	58.5	57.1	59.0	59.0	59.0	58.2	58.2	57.6	52.47
53.4	54.7	52.0	52.4	52.8	53.0	52.2	53.4	50.0	47.2	45.6	45.0	54.17
44.0	46.2	43.6	47.2	46.8	44.9	47.3	43.0	42.1	40.8	40.0	40.0	42.71
43.3	44.2	44.4	46.0	47.0	45.3	46.0	47.0	45.8	45.2	44.8	45.0	42.71
—	—	—	—	—	—	—	—	—	—	—	—	—
54.2	55.0	56.6	55.6	57.0	53.0	52.0	52.3	52.0	51.0	48.0	45.2	50.11
45.4	45.0	46.2	47.5	48.5	51.0	52.2	51.1	48.2	46.8	46.4	47.2	45.43
45.7	49.3	48.5	49.0	47.0	48.0	48.2	46.7	46.0	43.0	42.4	43.4	45.74
48.6	50.4	49.2	48.5	48.2	47.2	45.8	45.8	46.2	44.6	43.2	41.5	45.11
49.6	51.2	51.8	53.0	54.0	51.8	53.2	54.1	55.2	53.5	51.6	50.9	47.25
51.8	54.8	56.2	59.0	60.5	61.2	60.2	59.0	57.2	55.8	53.4	52.0	49.81
—	—	—	—	—	—	—	—	—	—	—	—	—
55.8	57.2	57.7	58.0	57.0	55.2	55.1	52.2	49.0	48.0	48.6	46.0	52.27
46.8	47.1	49.1	50.0	49.0	50.0	50.2	50.8	49.6	47.8	47.2	46.2	45.85
49.4	49.4	50.0	49.2	49.2	50.8	49.8	48.8	48.4	48.8	47.8	46.8	46.82
50.2	50.8	52.3	53.2	54.7	53.7	54.3	54.1	55.0	54.3	53.2	52.2	49.09
58.6	58.3	58.6	59.2	51.8	49.7	50.2	47.8	49.4	47.2	45.8	46.0	51.83
48.8	49.6	50.5	50.0	51.4	50.5	50.0	48.0	49.0	48.0	46.0	46.0	48.18
—	—	—	—	—	—	—	—	—	—	—	—	—
55.8	54.5	56.8	57.0	55.7	57.8	55.8	54.0	52.2	51.2	50.6	51.2	52.22
51.2	52.2	52.8	51.0	51.3	53.3	51.8	51.3	50.0	51.2	48.5	45.5	51.06
51.8	54.0	55.2	56.9	54.2	56.0	58.7	60.0	57.8	55.2	53.3	52.8	50.62
53.5	54.0	56.4	55.7	53.5	53.5	53.7	51.8	50.5	50.5	50.5	49.8	52.42
51.8	50.5	52.2	52.2	52.5	52.4	52.2	52.3	51.5	52.6	52.2	50.5	49.40
55.0	56.5	57.0	58.6	58.9	58.5	57.6	56.8	56.2	55.0	54.0	52.2	53.10
—	—	—	—	—	—	—	—	—	—	—	—	—
50.0	50.8	51.8	52.8	52.0	53.8	54.2	54.5	53.5	51.5	—	48.0	51.72
51.4	54.6	54.2	56.5	56.0	57.0	55.3	53.0	53.3	48.5	48.2	47.2	49.75
43.0	41.3	43.6	43.2	43.2	43.8	43.8	44.5	44.2	42.0	41.0	40.3	43.28
50.52	51.53	52.20	52.88	52.53	52.45	52.46	51.90	51.06	49.68	48.52	47.68	48.94
47.0	50.5	51.0	51.0	52.0	52.7	54.7	51.0	51.2	50.4	49.0	48.0	46.24
51.4	52.0	52.8	52.7	52.8	52.2	52.3	52.7	52.2	51.4	50.9	50.6	48.82
54.6	56.4	58.4	60.1	61.2	63.6	63.5	63.5	63.5	63.2	61.2	59.3	54.78
—	—	—	—	—	—	—	—	—	—	—	—	—
53.0	54.2	54.2	54.9	55.3	56.4	57.2	56.6	56.0	56.6	54.7	53.4	53.43
59.8	60.4	60.3	61.8	62.8	64.8	65.0	64.8	65.0	65.1	63.3	62.8	57.15
66.4	67.2	68.5	69.2	69.1	68.5	68.2	66.5	62.2	62.6	61.8	61.0	63.01
65.0	63.3	63.0	62.0	63.5	64.0	65.2	63.8	64.0	63.1	61.2	60.6	61.19
60.3	60.4	61.2	61.2	60.8	61.8	61.0	61.0	60.8	60.4	59.8	59.5	60.05
64.8	66.2	65.5	65.3	66.0	66.0	62.5	62.6	60.8	60.8	60.8	60.0	59.17
—	—	—	—	—	—	—	—	—	—	—	—	—
61.7	61.6	59.0	58.4	58.7	58.8	56.0	55.8	55.2	54.0	53.5	53.8	58.37
59.0	60.0	60.5	61.8	63.5	65.3	65.8	66.2	65.5	64.8	63.0	61.0	58.83
65.0	66.8	67.3	64.0	65.0	64.5	63.8	62.0	63.0	63.1	60.0	60.2	61.62
55.0	57.2	59.5	60.8	62.8	63.2	63.3	61.2	60.8	58.0	55.0	54.0	55.47
57.5	58.0	59.5	58.2	58.0	58.0	58.8	59.0	59.8	58.0	58.0	57.8	56.12
59.0	60.5	59.0	59.0	58.0	57.8	55.4	58.0	58.8	55.2	52.0	—	58.33
—	—	—	—	—	—	—	—	—	—	—	—	—
49.8	50.2	51.2	53.0	53.5	52.4	53.0	50.5	53.0	51.3	47.6	46.0	49.17
51.0	51.3	53.2	55.0	56.2	56.7	56.2	55.2	54.0	53.0	52.2	51.2	49.52
54.8	57.5	58.2	58.5	59.2	58.2	58.0	57.8	59.0	59.2	58.7	58.3	53.42
60.0	60.8	59.0	60.0	59.2	58.2	58.0	56.2	55.5	55.0	54.0	54.2	56.99
55.3	56.6	56.0	57.8	62.6	59.5	58.8	58.8	58.8	58.0	57.8	57.0	54.24
—	—	—	—	—	—	—	—	—	—	—	—	—
57.2	57.0	59.6	60.0	61.2	61.8	61.0	59.8	60.0	60.3	60.0	59.5	57.27
64.0	67.8	69.8	67.0	62.8	62.2	58.6	58.8	60.8	57.8	54.0	51.8	59.70
52.0	53.4	55.0	55.4	57.0	57.5	59.8	57.2	58.5	56.6	56.8	53.6	52.85
55.0	55.5	56.0	57.7	58.5	59.2	57.7	56.5	56.0	55.9	56.1	56.2	55.38
62.8	64.0	66.0	65.6	63.7	64.8	64.8	64.2	63.5	64.0	64.8	63.0	61.02
57.0	57.6	58.2	58.6	58.0	58.5	58.5	58.4	57.0	57.0	53.3	52.0	58.38
57.63	58.71	59.30	59.58	60.05	60.25	59.89	59.16	59.03	58.26	56.90	56.20	56.17

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
Humidity of the Air. JANUARY.	1	98	98	98	95	95	98	99	95	91	76	75	76
	2	73	73	78	—	—	—	—	—	—	—	—	—
	3	—	—	—	70	72	68	72	71	—	67	54	57
	4	86	92	89	88	89	97	95	95	96	94	87	78
	5	56	73	65	69	72	77	—	83	84	74	63	63
	6	67	53	61	60	61	62	59	64	64	64	62	62
	7	56	56	65	66	69	65	76	72	72	79	70	73
	8	68	61	62	67	71	73	77	77	81	76	72	61
	9	66	69	75	—	—	—	—	—	—	—	—	—
	10	—	—	—	70	62	70	61	64	61	65	53	47
	11	56	62	62	61	71	57	80	79	80	73	68	61
	12	75	77	83	83	68	66	70	70	73	81	63	56
	13	81	85	87	89	95	93	92	86	86	82	72	76
	14	71	71	75	76	76	75	75	79	80	82	76	67
	15	70	73	75	79	77	80	79	83	82	73	73	59
	16	93	95	89	—	—	—	—	—	—	—	—	—
	17	—	—	—	82	69	69	69	72	74	67	62	68
	18	72	74	83	83	83	86	84	84	83	80	77	75
	19	84	86	76	66	70	62	64	63	66	66	61	57
	20	80	83	86	83	88	92	94	97	94	88	83	81
	21	81	86	86	83	87	84	94	88	93	92	85	73
	22	74	78	81	80	84	85	84	89	86	86	84	83
	23	82	84	85	—	—	—	—	—	—	—	—	—
	24	—	—	—	—	67	71	73	71	62	69	63	61
	25	71	68	69	78	76	76	79	79	74	75	68	64
	26	64	66	71	66	72	67	70	67	—	67	64	57
	27	58	59	57	63	62	62	64	62	60	63	64	62
	28	100	100	100	100	100	100	100	100	97	100	97	95
	29	65	71	78	81	84	85	85	86	87	86	79	58
	30	75	75	76	—	—	—	—	—	—	—	—	—
	31	—	—	—	83	79	75	76	75	81	82	75	85
Hourly Means	74	76	77	77	77	77	79	79	79	77	71	68	
Tension of the Vapour. JANUARY.	1	In. ·569	In. ·573	In. ·573	In. ·568	In. ·564	In. ·573	In. ·562	In. ·530	In. ·509	In. ·439	In. ·436	In. ·451
	2	·283	·275	·282	—	—	—	—	—	—	—	—	—
	3	—	—	—	·383	·385	·354	·365	·346	—	·358	·279	·342
	4	·434	·443	·433	·435	·405	·382	·413	·416	·425	·444	·465	·464
	5	·254	·296	·264	·263	·269	·273	—	·291	·296	·295	·281	·302
	6	·352	·273	·294	·288	·287	·296	·285	·295	·298	·307	·321	·342
	7	·382	·355	·384	·381	·387	·368	·424	·394	·402	·444	·433	·428
	8	·279	·246	·236	·246	·256	·259	·266	·261	·288	·297	·301	·290
	9	·338	·331	·341	—	—	—	—	—	—	—	—	—
	10	—	—	—	·287	·237	·255	·217	·222	·213	·256	·227	·212
	11	·223	·228	·233	·239	·260	·215	·262	·252	·262	·275	·281	·284
	12	·379	·364	·377	·377	·330	·304	·311	·308	·319	·342	·347	·355
	13	·426	·427	·417	·412	·420	·410	·405	·358	·358	·357	·359	·395
	14	·309	·309	·329	·335	·344	·338	·338	·352	·354	·377	·388	·367
	15	·371	·369	·369	·366	·354	·365	·369	·393	·387	·367	·390	·373
	16	·521	·538	·504	—	—	—	—	—	—	—	—	—
	17	—	—	—	·439	·370	·360	·344	·354	·373	·348	·352	·383
	18	·357	·360	·390	·390	·400	·414	·412	·412	·413	·405	·397	·417
	19	·548	·553	·491	·381	·362	·314	·313	·299	·303	·313	·340	·347
	20	·417	·406	·408	·390	·400	·405	·406	·408	·390	·393	·413	·440
	21	·419	·438	·430	·406	·413	·382	·406	·416	·413	·431	·442	·430
	22	·402	·401	·407	·402	·415	·423	·421	·452	·411	·395	·385	·390
	23	·446	·452	·461	—	—	—	—	—	—	—	—	—
	24	—	—	—	—	·269	·279	·282	·275	·254	·285	·270	·279
	25	·268	·252	·244	·259	·249	·239	·241	·241	·233	·252	·251	·264
	26	·307	·313	·325	·313	·337	·327	·343	·330	—	·342	·364	·359
	27	·304	·286	·277	·305	·293	·293	·298	·288	·280	·292	·301	·311
	28	·384	·384	·390	·390	·390	·390	·390	·393	·388	·410	·408	·416
	29	·295	·307	·317	·310	·299	·301	·301	·320	·335	·340	·346	·297
	30	·329	·329	·335	—	—	—	—	—	—	—	—	—
	31	—	—	—	·374	·349	·329	·312	·295	·302	·333	·320	·341
Hourly Means	·369	·366	·366	·357	·348	·340	·347	·343	·342	·350	·350	·357	

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
84	78	75	76	72	72	68	67	72	71	68	72	82
—	—	—	—	—	—	—	—	—	—	—	—	} 64
54	53	53	44	45	47	39	70	75	76	78	81	
52	52	54	42	33	36	41	40	33	45	49	54	67
53	51	43	41	38	36	32	29	32	33	62	—	56
51	44	39	30	31	26	24	27	37	32	39	51	49
70	44	54	57	42	51	54	40	60	53	51	60	61
57	54	45	31	46	37	30	31	32	31	54	60	56
—	—	—	—	—	—	—	—	—	—	—	—	} 54
47	42	38	57	45	41	38	36	39	49	43	54	
55	47	50	51	50	51	49	50	51	55	64	72	61
54	52	48	47	31	44	62	63	66	67	73	77	65
77	69	69	62	60	56	56	64	67	67	69	68	75
66	54	46	54	56	57	58	56	58	52	58	65	66
48	47	46	49	53	51	47	48	49	50	63	90	64
—	—	—	—	—	—	—	—	—	—	—	—	} 70
64	59	59	60	53	58	64	68	69	67	76	72	
69	63	62	62	61	63	65	68	69	75	77	77	74
46	46	50	40	39	31	54	54	57	64	73	78	61
71	69	67	63	63	58	56	62	61	66	75	78	77
59	46	43	37	48	52	57	67	76	74	77	76	73
86	78	67	61	60	57	56	64	69	81	76	75	76
—	—	—	—	—	—	—	—	—	—	—	—	} 62
54	53	52	55	57	54	52	42	47	53	60	63	
57	51	46	45	45	52	50	55	45	54	57	60	62
53	53	46	50	53	50	47	43	43	42	49	53	57
46	54	52	55	56	66	75	77	81	82	93	100	66
99	88	83	77	75	62	76	72	75	76	71	69	88
58	72	67	69	65	60	54	60	63	69	72	73	72
—	—	—	—	—	—	—	—	—	—	—	—	} 72
83	63	64	66	62	59	63	65	64	66	64	66	
62	57	54	53	51	51	52	54	57	59	65	69	67
In. .464	In. .417	In. .383	In. .378	In. .362	In. .357	In. .344	In. .342	In. .354	In. .325	In. .288	In. .289	In. .444
—	—	—	—	—	—	—	—	—	—	—	—	} .360
.362	.376	.373	.314	.357	.377	.322	.445	.444	.427	.413	.412	
.352	.326	.349	.302	.253	.287	.301	.298	.244	.282	.267	.270	.362
.279	.292	.273	.273	.270	.283	.277	.254	.278	.281	.385	—	.283
.364	.340	.347	.305	.342	.306	.280	.302	.355	.291	.333	.381	.316
.449	.356	.363	.343	.310	.321	.334	.275	.341	.300	.248	.264	.362
.294	.305	.289	.204	.318	.282	.256	.276	.283	.280	.347	.330	.279
—	—	—	—	—	—	—	—	—	—	—	—	} .243
.222	.201	.192	.274	.231	.230	.217	.212	.220	.250	.209	.229	
.283	.270	.280	.322	.327	.333	.328	.331	.333	.346	.359	.371	.287
.378	.430	.476	.470	.391	.394	.443	.452	.456	.438	.435	.437	.388
.394	.379	.385	.372	.362	.346	.331	.339	.326	.314	.313	.304	.371
.381	.343	.318	.384	.423	.429	.399	.414	.422	.398	.385	.374	.367
.353	.352	.364	.390	.451	.441	.440	.456	.462	.449	.462	.523	.401
—	—	—	—	—	—	—	—	—	—	—	—	} .388
.397	.401	.384	.391	.334	.365	.364	.357	.350	.342	.378	.354	
.430	.452	.438	.474	.490	.505	.510	.505	.486	.526	.535	.530	.444
.317	.314	.361	.349	.335	.297	.421	.388	.434	.433	.415	.425	.377
.429	.449	.457	.451	.451	.429	.406	.411	.406	.425	.417	.428	.418
.425	.377	.386	.385	.457	.474	.414	.445	.487	.473	.450	.435	.426
.411	.397	.371	.353	.376	.369	.366	.377	.387	.436	.434	.416	.400
—	—	—	—	—	—	—	—	—	—	—	—	} .307
.285	.300	.297	.319	.319	.311	.304	.271	.269	.282	.277	.264	
.277	.274	.262	.291	.291	.294	.283	.311	.293	.300	.310	.300	.270
.342	.357	.320	.337	.354	.349	.326	.311	.333	.282	.288	.286	.328
.259	.308	.328	.314	.340	.369	.375	.367	.360	.357	.374	.384	.319
.425	.416	.400	.405	.417	.392	.408	.401	.413	.408	.378	.332	.397
.303	.364	.361	.376	.366	.336	.307	.326	.338	.319	.315	.321	.325
—	—	—	—	—	—	—	—	—	—	—	—	} .313
.347	.316	.300	.331	.287	.279	.301	.295	.297	.288	.263	.266	
.355	.350	.348	.350	.354	.352	.348	.352	.361	.356	.357	.357	.353

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
Humidity of the Air. FEBRUARY.	1	66	67	68	69	72	73	73	75	—	75	71	66
	2	74	73	81	83	80	83	83	82	85	85	81	68
	3	80	80	81	81	83	83	81	81	80	80	78	77
	4	94	88	86	85	86	90	96	90	96	93	82	84
	5	82	82	74	76	65	65	69	74	75	80	78	73
	6	76	81	79	—	—	—	—	—	—	—	—	—
	7	—	—	—	76	76	74	74	75	72	72	70	68
	8	84	85	87	92	—	94	96	98	100	99	95	84
	9	86	84	87	93	99	97	97	95	94	92	69	59
	10	82	80	68	68	67	62	64	69	—	78	62	59
	11	76	79	75	76	77	78	87	90	89	97	85	77
	12	86	86	92	91	93	94	94	—	97	93	84	75
	13	85	86	89	—	—	—	—	—	—	—	—	—
	14	—	—	—	63	62	64	64	66	65	67	66	55
	15	58	59	61	62	61	62	60	62	66	72	69	46
	16	56	61	61	64	60	66	65	70	70	70	64	60
	17	64	63	65	65	68	68	68	68	68	70	65	56
	18	66	71	71	73	—	74	75	74	—	68	86	93
	19	83	85	85	86	91	94	94	93	93	94	90	84
	20	84	85	84	—	—	—	—	—	—	—	—	—
	21	—	—	—	64	65	69	67	68	78	83	73	72
	22	73	76	77	77	77	71	77	80	83	82	77	70
	23	78	87	88	88	91	92	94	92	93	96	92	87
	24	91	89	88	91	92	92	87	84	83	83	80	76
	25	84	84	86	84	86	87	91	92	91	93	88	84
	26	90	88	87	85	86	86	86	85	—	82	84	76
	27	63	63	61	—	—	—	—	—	—	—	—	—
	28	—	—	—	67	61	61	59	62	67	71	70	67
Hourly Means	78	78	78	77	77	78	79	79	82	82	78	71	
Tension of the Vapour. FEBRUARY.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	
	1	.260	.262	.265	.264	.273	.278	.281	.256	—	.300	.309	.312
	2	.356	.346	.354	.374	.348	.344	.353	.354	.368	.379	.384	.366
	3	.365	.365	.368	.368	.371	.374	.368	.364	.357	.357	.360	.364
	4	.383	.367	.364	.362	.361	.372	.385	.366	.382	.380	.360	.389
	5	.348	.345	.309	.311	.265	.265	.284	.294	.306	.316	.317	.310
	6	.338	.354	.346	—	—	—	—	—	—	—	—	—
	7	—	—	—	.377	.371	.359	.356	.359	.347	.353	.354	.370
	8	.440	.423	.413	.421	—	.397	.396	.393	.400	.423	.436	.440
	9	.405	.399	.410	.426	.433	.434	.438	.416	.397	.401	.325	.314
	10	.331	.316	.276	.262	.246	.226	.229	.237	—	.255	.239	.252
	11	.341	.343	.332	.338	.346	.337	.341	.337	.325	.350	.356	.361
	12	.398	.387	.398	.405	.400	.403	.403	—	.408	.407	.415	.419
	13	.423	.415	.405	—	—	—	—	—	—	—	—	—
	14	—	—	—	.264	.261	.264	.262	.267	.266	.283	.304	.284
	15	.295	.292	.297	.296	.297	.302	.294	.296	.310	.334	.332	.242
	16	.244	.258	.258	.262	.254	.269	.266	.287	.287	.303	.313	.324
	17	.306	.298	.297	.292	.302	.302	.302	.302	.302	.307	.312	.302
	18	.321	.327	.324	.313	—	.312	.309	.303	—	.293	.349	.377
	19	.377	.382	.368	.361	.363	.356	.362	.362	.351	.359	.357	.356
	20	.471	.454	.440	—	—	—	—	—	—	—	—	—
	21	—	—	—	.496	.426	.428	.387	.367	.393	.390	.366	.377
	22	.327	.341	.347	.350	.347	.324	.350	.357	.367	.360	.361	.364
	23	.439	.468	.462	.450	.474	.466	.463	.439	.441	.450	.493	.499
	24	.463	.464	.450	.463	.455	.439	.420	.408	.380	.380	.374	.374
	25	.433	.421	.426	.395	.395	.404	.412	.424	.415	.433	.443	.440
	26	.506	.514	.503	.494	.500	.496	.500	.507	—	.502	.509	.492
	27	.400	.392	.357	—	—	—	—	—	—	—	—	—
28	—	—	—	.247	.215	.215	.212	.225	.244	.256	.265	.268	
Hourly Means	.374	.372	.365	.358	.350	.349	.349	.345	.352	.357	.359	.358	

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
60	58	57	54	54	54	51	50	57	69	69	70	64
64	67	62	63	68	63	67	67	68	77	81	79	74
75	75	74	71	71	67	72	74	76	74	76	79	77
70	72	95	92	87	82	83	79	84	96	96	88	87
69	69	71	67	63	61	61	61	61	72	76	79	71
—	—	—	—	—	—	—	—	—	—	—	—	67
64	57	54	49	46	53	56	56	62	69	69	81	82
70	63	72	70	68	63	70	73	76	81	84	79	73
59	54	49	48	43	45	44	47	68	78	80	82	64
56	52	50	51	54	53	55	53	61	72	76	74	75
65	61	59	60	61	63	62	63	73	81	86	87	72
66	57	50	49	43	39	39	34	63	74	83	84	57
—	—	—	—	—	—	—	—	—	—	—	—	52
46	48	47	48	41	39	39	45	36	43	52	56	56
49	45	47	41	44	33	42	35	32	38	45	49	62
54	48	46	51	43	45	45	45	46	46	58	59	75
52	49	44	49	51	52	53	66	65	72	75	77	79
83	72	69	66	68	67	72	76	77	80	83	83	71
76	68	63	53	53	63	74	77	75	72	77	78	67
—	—	—	—	—	—	—	—	—	—	—	—	84
66	64	64	59	59	64	66	64	69	69	79	79	84
66	57	46	37	52	53	47	55	56	63	73	75	77
82	78	73	69	71	71	70	73	84	85	89	92	86
73	72	68	65	62	58	61	61	67	72	77	81	70
85	79	84	78	78	76	85	85	88	89	91	91	58
80	86	80	65	52	37	32	32	39	48	59	60	—
—	—	—	—	—	—	—	—	—	—	—	—	—
66	63	50	48	51	51	46	47	47	51	53	58	—
67	63	61	58	57	56	58	59	64	69	74	76	71
In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
.309	.328	.328	.332	.343	.349	.334	.336	.370	.393	.369	.354	.315
.369	.398	.411	.435	.430	.395	.397	.388	.382	.380	.384	.372	.378
.363	.373	.380	.382	.391	.384	.362	.357	.359	.340	.345	.346	.361
.351	.377	.426	.439	.420	.403	.403	.379	.389	.402	.392	.370	.384
.313	.325	.334	.341	.341	.339	.343	.339	.328	.347	.344	.352	.321
—	—	—	—	—	—	—	—	—	—	—	—	.384
.392	.370	.392	.388	.382	.431	.424	.432	.436	.449	.401	.447	.423
.464	.434	.481	.455	.429	.429	.436	.414	.403	.404	.405	.392	.361
.323	.315	.329	.323	.290	.285	.296	.308	.363	.363	.339	.339	.287
.271	.261	.264	.291	.308	.312	.323	.322	.339	.359	.351	.336	.371
.351	.376	.375	.406	.409	.413	.402	.398	.422	.415	.415	.413	.414
.412	.414	.415	.435	.423	.390	.413	.385	.455	.450	.456	.440	.298
—	—	—	—	—	—	—	—	—	—	—	—	.264
.271	.284	.268	.308	.288	.277	.281	.310	.290	.287	.297	.299	.288
.261	.245	.259	.230	.251	.201	.237	.224	.205	.210	.220	.219	.336
.316	.308	.303	.308	.276	.290	.314	.313	.303	.267	.291	.287	.351
.311	.318	.313	.351	.363	.370	.372	.429	.407	.405	.405	.390	.393
.383	.361	.362	.351	.381	.397	.380	.388	.374	.374	.377	.377	.386
.364	.377	.386	.371	.387	.434	.468	.465	.467	.448	.461	.443	.392
—	—	—	—	—	—	—	—	—	—	—	—	.470
.361	.364	.363	.363	.351	.357	.371	.349	.359	.331	.352	.343	.407
.385	.392	.375	.347	.435	.471	.441	.479	.481	.491	.473	.435	.458
.495	.487	.478	.465	.493	.482	.487	.466	.471	.465	.469	.470	.480
.382	.380	.374	.366	.383	.382	.395	.384	.398	.408	.417	.419	.267
.475	.473	.504	.478	.482	.486	.503	.503	.514	.508	.509	.509	—
.516	.551	.553	.587	.571	.478	.420	.349	.349	.352	.394	.392	—
—	—	—	—	—	—	—	—	—	—	—	—	—
.277	.295	.262	.267	.271	.260	.247	.252	.252	.251	.233	.246	—
.363	.367	.372	.376	.379	.376	.377	.373	.379	.379	.379	.375	.366

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
Humidity of the Air. MARCH.	1	60	62	63	63	64	67	60	60	57	51	53	56
	2	56	59	60	60	—	74	75	78	76	78	78	69
	3	80	81	81	84	85	86	88	88	88	88	82	70
	4	80	80	82	85	86	89	93	93	94	95	99	96
	5	100	100	100	100	100	100	100	100	100	100	98	100
	6	85	89	85	—	—	—	—	—	—	—	—	—
	7	—	—	—	81	82	82	79	78	82	82	75	67
	8	89	86	86	89	89	88	92	92	93	95	91	87
	9	84	84	85	87	86	87	89	92	93	93	89	84
	10	86	87	88	91	91	91	93	97	—	100	94	85
	11	93	90	87	86	90	92	94	92	82	80	78	75
	12	70	70	65	61	70	70	70	79	70	70	73	74
	13	74	73	75	—	—	—	—	—	—	—	—	—
	14	—	—	—	90	91	91	90	96	91	98	92	83
	15	68	69	70	67	68	68	68	64	68	66	79	78
	16	43	41	42	43	49	51	60	80	70	58	63	53
	17	71	75	69	72	75	77	76	79	79	82	75	72
	18	80	80	81	82	86	85	85	83	83	85	80	75
	19	84	83	84	85	86	85	85	85	92	92	92	87
	20	92	97	97	—	—	—	—	—	—	—	—	—
	21	—	—	—	78	76	77	77	79	81	81	80	77
	22	71	70	68	64	64	60	62	69	70	67	70	66
	23	84	83	85	86	86	91	98	96	93	93	90	88
	24	81	82	87	91	90	90	90	91	93	91	88	87
	25	81	79	82	84	86	88	88	88	88	88	89	98
	26	90	94	93	92	—	92	88	95	96	95	95	96
	27	100	100	98	—	—	—	—	—	—	—	—	—
	28	—	—	—	76	77	81	82	84	85	86	86	87
	29	95	93	93	95	—	82	75	70	82	90	83	83
	30	70	72	71	70	65	66	69	69	71	73	71	68
	31	82	85	86	89	91	96	94	94	98	100	94	88
Hourly Means	79	80	80	80	81	82	82	84	84	84	83	79	
Tension of the Vapour. MARCH.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	
	1	.254	.256	.259	.259	.261	.269	.243	.243	.227	.210	.217	.237
	2	.190	.191	.202	.207	—	.222	.221	.227	.220	.219	.225	.241
	3	.307	.313	.308	.302	.304	.307	.309	.306	.300	.300	.304	.305
	4	.405	.413	.430	.442	.426	.409	.410	.391	.403	.410	.430	.450
	5	.519	.512	.512	.504	.500	.496	.485	.477	.470	.462	.451	.454
	6	.386	.375	.341	—	—	—	—	—	—	—	—	—
	7	—	—	—	.325	.328	.325	.319	.325	.336	.345	.338	.323
	8	.395	.387	.387	.399	.395	.390	.405	.401	.403	.410	.408	.417
	9	.425	.421	.423	.424	.398	.397	.405	.408	.380	.407	.412	.419
	10	.426	.424	.431	.440	.440	.436	.430	.428	—	.430	.452	.469
	11	.509	.488	.473	.399	.395	.398	.403	.395	.352	.331	.335	.334
	12	.250	.245	.223	.208	.228	.226	.226	.249	.226	.228	.250	.269
	13	.337	.331	.339	—	—	—	—	—	—	—	—	—
	14	—	—	—	.375	.372	.369	.375	.376	.363	.387	.398	.397
	15	.421	.413	.399	.378	.381	.381	.381	.376	.381	.368	.422	.439
	16	.340	.313	.318	.323	.343	.334	.362	.448	.392	.322	.352	.298
	17	.251	.254	.237	.235	.242	.247	.239	.241	.239	.241	.254	.267
	18	.342	.342	.333	.328	.338	.341	.344	.347	.338	.347	.339	.335
	19	.385	.383	.392	.388	.387	.382	.382	.382	.408	.408	.408	.413
	20	.421	.415	.405	—	—	—	—	—	—	—	—	—
	21	—	—	—	.391	.378	.381	.381	.386	.395	.395	.396	.406
	22	.308	.299	.282	.264	.262	.240	.229	.244	.250	.244	.262	.271
	23	.293	.290	.290	.288	.293	.292	.294	.288	.287	.290	.287	.298
	24	.336	.342	.352	.363	.360	.360	.357	.346	.345	.337	.328	.338
	25	.330	.322	.325	.327	.329	.343	.343	.348	.348	.351	.366	.384
	26	.392	.400	.397	.395	—	.405	.390	.410	.412	.410	.410	.418
	27	.420	.420	.410	—	—	—	—	—	—	—	—	—
	28	—	—	—	.338	.340	.348	.351	.359	.362	.364	.374	.390
	29	.436	.430	.413	.410	—	.363	.342	.326	.360	.346	.327	.341
	30	.254	.262	.259	.254	.243	.243	.246	.241	.242	.251	.251	.262
31	.310	.304	.296	.287	.280	.283	.270	.270	.271	.272	.277	.298	
Hourly Means	.357	.353	.349	.343	.343	.340	.339	.342	.335	.336	.343	.351	

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
59	50	55	50	42	48	48	48	52	57	56	60	56
60	54	51	48	50	54	62	64	72	74	77	79	66
65	56	51	46	55	60	58	59	60	64	73	75	72
94	88	88	89	87	85	87	94	94	97	100	100	91
100	100	96	93	81	83	83	87	80	81	83	87	94
—	—	—	—	—	—	—	—	—	—	—	—	71
62	61	56	52	55	50	49	54	53	79	83	84	81
81	71	67	63	71	68	68	68	71	76	82	86	83
77	76	74	70	73	78	67	77	81	84	86	86	75
77	67	57	53	49	45	49	50	50	59	84	85	76
70	51	59	63	66	66	66	63	67	67	67	72	70
69	71	68	68	76	66	64	67	63	73	76	79	73
—	—	—	—	—	—	—	—	—	—	—	—	50
73	66	56	55	52	50	48	48	55	69	70	77	58
56	44	34	26	23	24	26	26	22	28	32	35	68
55	55	56	53	58	52	65	62	61	69	69	73	74
62	55	52	55	58	54	57	64	65	70	73	75	81
67	60	56	60	62	64	68	67	65	75	76	81	81
75	71	73	75	72	72	71	71	78	85	85	87	70
—	—	—	—	—	—	—	—	—	—	—	—	66
77	66	48	46	46	54	47	52	53	61	64	66	78
62	62	50	51	49	47	65	70	76	82	84	84	82
74	61	61	54	60	57	60	69	69	81	74	81	88
83	77	77	74	70	67	67	71	79	77	80	78	88
97	98	94	92	82	83	87	89	87	88	86	88	94
95	93	93	93	92	91	95	88	99	100	100	100	79
—	—	—	—	—	—	—	—	—	—	—	—	74
83	68	63	62	57	59	60	65	72	91	92	92	68
73	69	65	61	55	57	50	52	68	65	65	71	82
60	61	59	63	63	62	63	65	69	75	79	81	—
81	74	66	60	57	61	63	72	79	86	86	88	—
73	68	64	62	62	61	63	65	68	75	77	79	75
In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
.242	.222	.228	.220	.191	.223	.212	.220	.216	.221	.209	.209	.231
.244	.248	.257	.252	.271	.264	.290	.301	.311	.307	.302	.304	.248
.316	.317	.322	.308	.356	.391	.390	.384	.374	.373	.400	.401	.333
.475	.466	.474	.485	.512	.503	.537	.535	.531	.526	.527	.523	.463
.446	.446	.431	.437	.412	.411	.393	.407	.403	.388	.391	.398	.450
—	—	—	—	—	—	—	—	—	—	—	—	.344
.338	.353	.330	.332	.338	.344	.335	.347	.319	.389	.383	.382	.423
.419	.433	.444	.434	.469	.467	.467	.463	.449	.434	.434	.445	.418
.424	.434	.445	.431	.434	.451	.406	.409	.419	.421	.422	.426	.442
.469	.480	.456	.442	.416	.404	.424	.426	.397	.429	.526	.492	.346
.347	.276	.308	.329	.323	.308	.290	.271	.275	.261	.248	.266	.289
.285	.316	.324	.347	.400	.369	.360	.362	.331	.334	.342	.347	.383
—	—	—	—	—	—	—	—	—	—	—	—	.357
.395	.393	.365	.377	.381	.369	.383	.403	.422	.444	.412	.428	.313
.424	.404	.375	.315	.285	.279	.314	.299	.251	.279	.291	.302	.271
.287	.283	.289	.281	.303	.261	.286	.287	.269	.282	.270	.272	.351
.260	.248	.264	.277	.288	.310	.297	.318	.312	.322	.327	.329	.414
.341	.336	.336	.357	.359	.372	.386	.367	.358	.375	.371	.384	.361
.389	.398	.426	.447	.460	.448	.437	.439	.455	.457	.439	.424	.273
—	—	—	—	—	—	—	—	—	—	—	—	.301
.438	.380	.309	.312	.323	.351	.296	.307	.292	.303	.301	.303	.349
.258	.260	.233	.232	.247	.254	.328	.325	.329	.322	.318	.302	.371
.306	.278	.299	.307	.311	.294	.308	.322	.313	.336	.315	.342	.415
.371	.377	.380	.369	.348	.361	.341	.334	.349	.334	.313	.334	.393
.388	.407	.406	.421	.387	.400	.400	.412	.400	.400	.387	.387	.316
.433	.430	.430	.430	.421	.421	.426	.403	.430	.430	.423	.423	.269
—	—	—	—	—	—	—	—	—	—	—	—	.309
.410	.382	.395	.403	.397	.397	.391	.423	.429	.455	.451	.435	—
.337	.293	.297	.266	.248	.254	.227	.229	.268	.255	.238	.257	—
.254	.277	.275	.290	.290	.288	.293	.294	.287	.295	.304	.313	—
.302	.317	.321	.326	.318	.336	.333	.347	.346	.358	.355	.351	—
.355	.350	.349	.349	.351	.353	.354	.357	.353	.360	.359	.362	—

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.															
Hours of Mean Göttingen Time.		0	1	2	3	4	5	6	7	8	9	10	11		
Hours of Mean Van Diemen Island Time.		9	10	11	12	13	14	15	16	17	18	19	20		
Humidity of the Air.	APRIL.	1	88	93	92	^a —	—	—	—	—	—	—	—	—	
		2	—	—	—	81	81	85	89	91	94	94	95	92	
		3	88	97	95	—	—	—	—	—	—	—	—	—	
		4	—	—	—	97	96	94	96	98	96	94	86	92	
		5	97	96	98	97	94	85	81	79	75	75	73	74	
		6	82	83	83	84	95	95	96	95	96	96	95	94	
		7	100	100	100	100	100	100	100	100	100	100	100	96	
		8	58	59	61	64	65	67	67	67	69	69	73	74	63
		9	80	85	73	66	77	69	71	69	73	78	84	82	—
		10	75	79	80	—	—	—	—	—	—	—	—	—	—
		11	—	—	—	79	83	82	81	83	82	88	84	93	—
		12	78	88	93	97	100	100	100	100	100	100	100	100	100
		13	100	96	100	100	100	100	100	100	100	100	100	100	100
		14	100	100	100	100	100	100	100	100	100	100	100	100	94
		15	94	94	94	98	100	100	—	100	—	100	98	96	—
		16	94	97	97	98	97	96	100	100	100	100	100	100	100
		17	94	98	97	—	—	—	—	—	—	—	—	—	—
		18	—	—	—	100	100	100	100	100	100	100	100	100	97
		19	80	76	80	83	81	78	83	83	81	81	83	80	80
		20	79	79	77	73	73	73	75	79	75	77	81	80	80
		21	77	73	80	81	86	90	91	93	93	94	100	95	95
		22	77	71	69	76	78	80	79	85	82	85	83	80	80
		23	81	78	80	80	80	80	80	88	87	91	87	90	90
		24	80	81	83	—	—	—	—	—	—	—	—	—	—
		25	—	—	—	75	77	80	83	81	80	81	86	94	94
		26	67	80	78	69	69	76	76	79	82	82	81	74	74
		27	86	88	86	84	84	90	91	93	91	93	93	94	94
		28	82	79	83	85	87	83	83	85	83	83	81	83	83
		29	91	93	93	93	—	94	98	98	97	98	94	97	97
		30	81	86	89	90	—	—	—	—	—	—	94	89	89
Hourly Means		84	86	86	86	87	87	88	89	89	90	90	89		
Tension of the Vapour.	APRIL.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.		
		1	.348	.345	.333	^a —	—	—	—	—	—	—	—	—	
		2	—	—	—	.290	.290	.301	.314	.320	.328	.328	.335	.339	
		3	.325	.347	.335	—	—	—	—	—	—	—	—	—	
		4	—	—	—	.325	.314	.297	.316	.318	.311	.304	.282	.315	
		5	.359	.353	.340	.338	.333	.317	.310	.304	.297	.295	.292	.306	
		6	.410	.406	.417	.421	.429	.416	.425	.423	.428	.436	.433	.456	
		7	.470	.473	.473	.473	.473	.470	.462	.466	.462	.458	.458	.454	
		8	.383	.377	.358	.365	.357	.355	.342	.330	.335	.251	.254	.311	
		9	.305	.304	.251	.226	.245	.214	.208	.203	.209	.217	.237	.241	
		10	.237	.239	.232	—	—	—	—	—	—	—	—	—	
		11	—	—	—	.355	.367	.363	.368	.374	.384	.413	.408	.441	
		12	.440	.459	.460	.468	.473	.473	.470	.462	.450	.443	.443	.439	
		13	.387	.376	.387	.387	.390	.387	.387	.384	.384	.381	.381	.393	
		14	.358	.358	.358	.358	.355	.355	.355	.355	.352	.349	.352	.339	
		15	.356	.356	.356	.363	.369	.366	—	.364	—	.361	.352	.364	
		16	.400	.402	.388	.381	.370	.356	.366	.372	.369	.364	.369	.375	
		17	.403	.407	.382	—	—	—	—	—	—	—	—	—	
		18	—	—	—	.485	.477	.473	.473	.473	.470	.470	.473	.465	
		19	.250	.239	.245	.248	.237	.223	.237	.239	.235	.237	.246	.264	
		20	.283	.278	.269	.254	.254	.251	.247	.255	.254	.256	.274	.275	
		21	.283	.278	.285	.286	.282	.276	.272	.278	.271	.266	.285	.308	
		22	.280	.259	.248	.264	.261	.260	.250	.260	.248	.251	.252	.267	
		23	.283	.272	.269	.267	.262	.262	.254	.270	.264	.272	.260	.280	
		24	.366	.355	.348	—	—	—	—	—	—	—	—	—	
		25	—	—	—	.257	.262	.273	.284	.281	.273	.272	.294	.310	
		26	.219	.242	.231	.202	.200	.215	.211	.217	.222	.222	.218	.211	
		27	.242	.247	.239	.233	.237	.245	.247	.250	.243	.242	.242	.255	
		28	.253	.248	.262	.268	.262	.252	.248	.251	.343	.239	.235	.246	
		29	.261	.257	.253	.248	—	.238	.239	.241	.235	.239	.220	.237	
30	.297	.288	.290	.296	—	—	—	—	—	—	.336	.334			
Hourly Means		.328	.327	.320	.322	.326	.318	.317	.320	.316	.315	.317	.329		

^a Good Friday.

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
—	—	—	—	—	—	—	—	—	—	—	—	—
85	79	72	71	67	63	62	73	75	82	86	90	82
—	—	—	—	—	—	—	—	—	—	—	—	85
89	78	67	66	67	67	67	70	76	81	86	93	82
73	74	70	73	76	75	78	83	81	84	85	81	89
87	75	83	66	56	84	94	100	100	100	100	100	84
94	91	88	75	66	64	52	51	58	62	58	60	65
63	62	59	57	56	55	52	65	77	93	70	73	67
73	58	57	54	51	47	51	42	59	62	68	70	82
—	—	—	—	—	—	—	—	—	—	—	—	98
91	85	88	87	88	75	73	79	77	76	74	76	98
100	100	100	100	100	100	100	100	100	100	100	100	98
100	98	96	94	91	89	97	100	97	97	100	100	92
88	87	83	80	81	80	81	81	83	91	94	91	89
92	82	77	78	77	73	77	78	84	88	92	93	90
97	86	77	82	84	74	68	75	76	80	86	91	92
—	—	—	—	—	—	—	—	—	—	—	—	76
81	83	92	91	86	93	89	91	81	77	80	77	76
76	75	73	72	67	70	62	70	69	78	74	74	72
73	72	72	64	61	59	58	60	67	72	68	74	80
84	74	70	66	64	63	66	72	70	81	84	81	73
77	70	63	60	55	57	56	60	71	75	85	84	77
88	85	75	76	74	68	58	60	62	62	71	75	76
—	—	—	—	—	—	—	—	—	—	—	—	75
88	82	66	53	53	60	68	74	70	78	78	75	75
73	69	76	67	66	70	69	75	79	80	83	91	82
90	80	72	68	71	72	65	67	73	80	82	88	80
82	79	76	70	70	72	71	73	80	82	83	88	85
88	80	73	71	65	64	74	78	81	82	73	82	82
86	85	87	77	84	77	75	87	74	70	68	69	82
85	80	76	73	71	71	71	75	77	80	81	83	82
In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
—	—	—	—	—	—	—	—	—	—	—	—	—
·338	·343	·339	·345	·351	·341	·359	·366	·353	·348	·346	·351	·335
—	—	—	—	—	—	—	—	—	—	—	—	·327
·328	·320	·308	·315	·326	·344	·338	·348	·364	·360	·352	·356	·358
·318	·336	·354	·382	·407	·400	·416	·434	·432	·433	·427	·415	·452
·476	·470	·522	·503	·447	·480	·479	·488	·477	·473	·470	·466	·453
·468	·467	·493	·475	·470	·474	·413	·396	·418	·420	·399	·392	·334
·311	·342	·338	·355	·327	·322	·311	·360	·385	·374	·289	·292	·236
·249	·231	·244	·237	·250	·230	·240	·184	·239	·239	·229	·229	·413
—	—	—	—	—	—	—	—	—	—	—	—	·433
·459	·469	·501	·520	·544	·489	·470	·495	·473	·450	·430	·435	·433
·433	·430	·426	·426	·423	·413	·410	·393	·393	·390	·387	·387	·379
·407	·393	·382	·380	·378	·363	·376	·378	·356	·344	·358	·349	·349
·334	·335	·350	·345	·342	·342	·342	·333	·338	·363	·368	·351	·381
·389	·380	·377	·408	·405	·399	·421	·408	·408	·397	·392	·394	·388
·391	·398	·409	·434	·437	·401	·382	·389	·374	·374	·395	·405	·392
—	—	—	—	—	—	—	—	—	—	—	—	·267
·400	·406	·389	·378	·338	·345	·331	·312	·281	·258	·260	·249	·279
·267	·284	·292	·312	·317	·325	·292	·307	·281	·288	·278	·275	·294
·289	·304	·315	·309	·311	·306	·300	·284	·288	·289	·262	·278	·274
·315	·306	·307	·327	·315	·316	·309	·312	·286	·297	·296	·290	·300
·283	·289	·283	·284	·274	·292	·283	·283	·304	·284	·317	·302	·289
·312	·327	·342	·359	·370	·361	·330	·319	·303	·291	·332	·345	·224
—	—	—	—	—	—	—	—	—	—	—	—	·250
·331	·326	·293	·247	·261	·281	·294	·295	·266	·267	·262	·243	·255
·213	·207	·239	·222	·226	·251	·232	·240	·239	·227	·232	·247	·270
·270	·278	·270	·254	·253	·267	·238	·228	·245	·258	·263	·250	·255
·255	·255	·264	·254	·249	·265	·265	·265	·269	·255	·250	·260	·270
·249	·267	·272	·284	·297	·300	·317	·328	·316	·312	·292	·299	·333
·346	·359	·397	·358	·382	·375	·380	·397	·328	·287	·272	·265	·330
·337	·341	·348	·349	·348	·347	·341	·342	·337	·331	·326	·325	·330

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
Humidity of the Air. MAY.	1	72	73	71	—	—	—	—	—	—	—	—	
	2	—	—	—	91	96	94	94	96	96	96	83	
	3	87	87	87	88	91	94	97	96	100	100	100	94
	4	66	70	70	79	—	74	70	66	66	66	71	77
	5	93	87	77	81	80	81	81	91	82	79	87	78
	6	81	79	78	81	78	82	78	82	82	81	86	82
	7	82	82	80	80	85	85	85	73	65	70	70	73
	8	72	73	72	—	—	—	—	—	—	—	—	—
	9	—	—	—	91	93	90	90	88	81	78	71	79
	10	78	78	78	78	80	80	80	80	80	81	82	79
	11	81	76	70	66	—	71	71	69	73	77	73	76
	12	69	71	73	74	76	85	87	93	91	90	94	85
	13	84	83	82	82	—	82	82	82	87	93	93	91
	14	86	86	85	88	—	91	93	91	91	93	93	93
	15	100	100	100	—	—	—	—	—	—	—	—	—
	16	—	—	—	97	97	98	98	100	100	100	100	100
	17	97	97	100	100	100	98	98	100	100	100	100	100
	18	84	85	86	88	88	86	90	91	—	100	100	98
	19	80	81	82	81	84	89	89	85	91	93	89	83
	20	91	93	91	94	93	94	97	97	98	98	100	96
	21	79	79	82	83	80	83	79	82	82	81	81	84
	22	79	81	81	—	—	—	—	—	—	—	—	—
	23	—	—	—	100	100	94	90	88	89	93	96	94
	24	93	94	96	94	96	94	94	94	97	96	96	97
	25	97	94	100	94	93	93	90	88	91	94	93	97
	26	89	92	90	94	96	98	100	100	100	100	100	100
	27	80	78	77	78	—	85	90	93	93	94	94	98
	28	97	100	100	100	98	100	100	100	100	98	96	96
	29	94	94	93	—	—	—	—	—	—	—	—	—
	30	—	—	—	94	94	94	94	94	94	97	98	100
	31	82	87	91	88	93	93	94	96	100	100	100	100
Hourly Means	84	85	84	87	90	89	89	89	89	90	90	89	
Tension of the Vapour. MAY.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	
	1	.268	.260	.243	—	—	—	—	—	—	—	—	
	2	—	—	—	.282	.290	.285	.283	.278	.276	.276	.243	
	3	.361	.361	.355	.354	.357	.371	.382	.382	.390	.390	.390	
	4	.299	.321	.327	.348	—	.338	.324	.311	.311	.311	.332	
	5	.298	.280	.246	.236	.226	.227	.223	.239	.220	.211	.228	
	6	.228	.221	.213	.218	.201	.204	.199	.210	.216	.218	.239	
	7	.301	.296	.294	.291	.306	.301	.295	.259	.219	.232	.232	
	8	.311	.316	.311	—	—	—	—	—	—	—	—	
	9	—	—	—	.252	.255	.250	.250	.247	.235	.227	.214	
	10	.223	.221	.221	.221	.232	.232	.232	.234	.232	.235	.248	
	11	.329	.312	.299	.277	—	.280	.277	.274	.283	.287	.284	
	12	.320	.319	.319	.318	.319	.341	.346	.353	.349	.337	.345	
	13	.240	.228	.220	.220	—	.210	.206	.202	.208	.214	.216	
	14	.253	.255	.253	.260	—	.259	.253	.247	.245	.246	.248	
	15	.327	.321	.314	—	—	—	—	—	—	—	—	
	16	—	—	—	.247	.241	.239	.233	.228	.222	.228	.226	
	17	.241	.241	.242	.236	.228	.211	.204	.203	.201	.196	.198	
	18	.240	.249	.244	.242	.254	.248	.245	.247	—	.260	.265	
	19	.225	.228	.220	.216	.215	.217	.217	.207	.215	.218	.213	
	20	.250	.255	.252	.268	.262	.266	.271	.271	.275	.275	.281	
	21	.250	.245	.255	.255	.245	.239	.217	.222	.220	.218	.218	
	22	.215	.218	.218	—	—	—	—	—	—	—	—	
	23	—	—	—	.283	.283	.268	.252	.240	.231	.232	.229	
	24	.212	.210	.213	.206	.209	.212	.216	.222	.231	.227	.223	
	25	.260	.248	.267	.264	.264	.266	.261	.260	.259	.264	.255	
	26	.309	.315	.309	.311	.314	.302	.300	.295	.291	.291	.291	
	27	.272	.264	.258	.257	—	.272	.276	.275	.273	.270	.266	
	28	.235	.236	.232	.232	.225	.232	.232	.232	.234	.231	.225	
	29	.255	.261	.262	—	—	—	—	—	—	—	—	
	30	—	—	—	.277	.275	.261	.257	.257	.252	.249	.243	
31	.263	.264	.270	.260	.278	.283	.287	.295	.293	.291	.285		
Hourly Means	.269	.267	.264	.263	.261	.262	.259	.257	.255	.255	.255		

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.												Daily and Monthly Means.	
12	13	14	15	16	17	18	19	20	21	22	23		
21	22	23	0	1	2	3	4	5	6	7	8		
—	—	—	—	—	—	—	—	—	—	—	—	—	87
75	77	73	82	91	93	88	94	98	98	91	89	89	79
68	66	62	61	61	59	61	66	73	67	66	65	65	74
79	83	85	73	73	81	74	67	72	78	80	89	89	78
86	79	72	71	68	64	65	65	68	75	78	76	76	76
80	74	66	69	72	66	68	69	68	68	73	77	77	73
74	71	65	65	65	68	65	70	66	64	68	70	70	74
—	—	—	—	—	—	—	—	—	—	—	—	—	77
74	69	61	62	59	61	63	66	64	62	74	75	75	68
79	77	80	70	66	74	73	71	75	76	76	78	78	79
73	70	60	59	62	53	55	60	66	71	69	72	72	81
89	81	81	81	77	65	72	71	65	72	80	84	84	88
83	79	71	72	68	65	74	72	80	82	91	86	86	95
90	85	80	74	75	80	86	92	92	95	94	96	96	89
—	—	—	—	—	—	—	—	—	—	—	—	—	83
98	91	91	87	84	81	85	90	93	93	94	97	97	81
98	93	88	81	77	67	65	62	67	80	80	80	80	85
98	86	86	86	83	68	65	67	69	62	75	77	77	81
82	82	70	70	70	62	67	70	83	88	84	91	91	85
96	90	86	72	66	64	65	61	80	69	77	79	79	76
76	74	56	71	68	61	74	76	75	75	75	79	79	84
—	—	—	—	—	—	—	—	—	—	—	—	—	90
98	85	71	70	68	65	64	72	83	86	85	93	93	92
88	84	74	75	69	70	84	91	94	94	—	98	98	89
96	90	85	85	87	88	86	94	92	97	94	91	91	89
98	94	91	72	73	72	77	78	81	84	81	86	86	85
96	80	73	78	74	73	72	80	90	93	94	97	97	91
94	88	80	78	74	72	74	80	83	88	90	90	90	90
—	—	—	—	—	—	—	—	—	—	—	—	—	94
97	93	90	87	82	80	80	80	79	80	82	80	80	83
100	96	95	91	86	88	94	91	94	95	96	100	100	87
87	82	77	75	73	71	73	75	79	80	82	84	84	83
In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
—	—	—	—	—	—	—	—	—	—	—	—	—	302
·245	·264	·279	·316	·344	·366	·361	·371	·378	·375	·369	·366	·366	340
·300	·326	·309	·320	·307	·322	·298	·304	·315	·290	·290	·291	·291	320
·377	·375	·366	·312	·306	·335	·317	·278	·271	·270	·273	·296	·296	234
·239	·245	·233	·243	·249	·232	·230	·218	·208	·215	·221	·216	·216	250
·269	·273	·264	·285	·308	·292	·291	·285	·277	·263	·282	·290	·290	279
·267	·267	·274	·283	·290	·315	·298	·303	·277	·275	·288	·299	·299	238
—	—	—	—	—	—	—	—	—	—	—	—	—	270
·225	·224	·210	·215	·207	·213	·222	·227	·211	·202	·228	·221	·221	313
·249	·253	·286	·287	·310	·343	·340	·331	·333	·330	·327	·329	·329	302
·328	·355	·332	·341	·355	·310	·315	·321	·332	·335	·329	·337	·337	238
·325	·310	·319	·319	·303	·258	·266	·260	·220	·223	·236	·240	·240	283
·237	·248	·251	·268	·268	·257	·273	·262	·262	·248	·265	·253	·253	255
·270	·293	·305	·303	·309	·310	·320	·330	·328	·322	·317	·319	·319	233
—	—	—	—	—	—	—	—	—	—	—	—	—	263
·249	·256	·265	·274	·285	·290	·295	·306	·273	·262	·255	·249	·249	232
·233	·250	·260	·274	·272	·257	·250	·228	·236	·257	·243	·334	·334	278
·297	·320	·329	·329	·327	·284	·255	·243	·227	·203	·228	·233	·233	289
·222	·241	·241	·250	·261	·243	·258	·247	·258	·260	·237	·243	·243	299
·295	·309	·330	·311	·310	·299	·302	·260	·297	·244	·257	·252	·252	265
·220	·226	·174	·212	·201	·188	·213	·214	·200	·204	·204	·211	·211	243
—	—	—	—	—	—	—	—	—	—	—	—	—	259
·257	·253	·244	·249	·250	·234	·225	·237	·234	·235	·213	·218	·218	304
·254	·267	·272	·285	·281	·288	·315	·315	·309	·283	—	·278	·278	269
·288	·293	·306	·309	·332	·334	·326	·331	·317	·325	·314	·315	·315	289
·308	·314	·326	·284	·291	·280	·299	·292	·294	·299	·288	·282	·282	299
·273	·262	·250	·276	·274	·271	·266	·271	·263	·255	·242	·243	·243	265
·236	·247	·250	·261	·236	·267	·266	·269	·257	·265	·263	·250	·250	243
—	—	—	—	—	—	—	—	—	—	—	—	—	259
·249	·250	·268	·260	·269	·262	·264	·262	·252	·260	·263	·257	·257	304
·297	·322	·347	·351	·340	·345	·354	·328	·325	·311	·300	·311	·311	269
·270	·279	·280	·285	·288	·284	·285	·281	·275	·270	·269	·270	·270	269

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
Humidity of the Air. JUNE.	1	98	100	100	100	100	98	98	98	100	98	100	100
	2	100	100	94	94	90	96	98	100	91	82	83	79
	3	81	85	82	94	84	87	91	93	91	93	93	94
	4	85	85	85	87	91	93	89	93	93	93	93	94
	5	85	84	89	—	—	—	—	—	—	—	—	—
	6	—	—	—	84	86	90	92	88	92	92	94	96
	7	100	93	93	93	—	94	94	96	96	93	96	96
	8	90	94	97	97	98	98	98	98	—	100	100	98
	9	100	100	100	98	100	100	100	100	100	100	100	100
	10	100	100	100	100	100	100	100	100	100	100	100	100
	11	100	96	94	97	93	94	93	93	96	94	96	100
	12	90	90	90	—	—	—	—	—	—	—	—	—
	13	—	—	—	94	93	93	93	98	97	100	98	94
	14	80	80	78	81	87	89	89	90	—	94	92	93
	15	72	75	73	80	78	75	71	69	73	75	78	78
	16	82	82	82	86	86	86	88	90	94	96	100	100
	17	80	83	88	91	96	98	96	97	100	100	100	100
	18	90	89	93	94	94	94	100	100	100	100	100	100
	19	100	100	100	—	—	—	—	—	—	—	—	—
	20	—	—	—	76	80	78	80	80	84	87	82	84
	21	84	82	91	91	—	91	91	93	91	87	93	97
	22	98	88	97	97	97	98	100	100	100	99	100	100
	23	91	93	94	98	—	96	98	98	97	100	98	100
	24	99	100	100	100	98	98	100	100	98	96	96	99
	25	97	97	100	100	100	98	100	100	100	100	96	94
	26	98	98	100	—	—	—	—	—	—	—	—	—
	27	—	—	—	100	100	100	100	100	100	98	98	100
	28	87	93	93	93	93	94	96	98	96	96	96	94
	29	96	96	94	96	96	90	98	98	100	100	100	100
	30	94	97	96	96	93	93	94	96	—	100	98	100
	Hourly Means	91	92	92	93	93	93	94	95	95	95	95	96
Tension of the Vapour. JUNE.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	
	1	.305	.300	.295	.297	.297	.292	.294	.288	.291	.271	.269	.272
	2	.338	.335	.311	.309	.304	.314	.313	.311	.287	.257	.255	.243
	3	.216	.221	.220	.242	.213	.218	.220	.226	.211	.216	.216	.220
	4	.225	.225	.225	.230	.231	.234	.225	.226	.220	.218	.210	.216
	5	.213	.213	.219	—	—	—	—	—	—	—	—	—
	6	—	—	—	.198	.196	.200	.201	.191	.186	.180	.179	.189
	7	.236	.228	.226	.222	—	.218	.220	.223	.219	.210	.215	.221
	8	.239	.246	.241	.233	.231	.227	.227	.231	—	.236	.242	.233
	9	.250	.256	.256	.249	.258	.254	.254	.258	.250	.246	.248	.254
	10	.308	.305	.297	.295	.295	.293	.291	.288	.288	.288	.288	.291
	11	.293	.283	.268	.264	.242	.230	.226	.218	.213	.205	.206	.218
	12	.254	.250	.250	—	—	—	—	—	—	—	—	—
	13	—	—	—	.218	.218	.218	.216	.243	.233	.246	.247	.259
	14	.239	.237	.220	.219	.222	.215	.217	.203	—	.203	.208	.226
	15	.209	.216	.212	.226	.226	.218	.211	.206	.214	.216	.221	.219
	16	.193	.190	.191	.196	.196	.196	.199	.205	.212	.219	.230	.228
	17	.245	.248	.258	.268	.278	.278	.273	.271	.278	.278	.281	.283
	18	.301	.293	.287	.270	.268	.255	.254	.252	.246	.240	.240	.236
	19	.254	.246	.240	—	—	—	—	—	—	—	—	—
	20	—	—	—	.272	.276	.265	.265	.263	.270	.273	.256	.266
	21	.223	.218	.225	.223	—	.217	.215	.218	.215	.210	.224	.231
	22	.269	.251	.249	.260	.255	.251	.246	.236	.232	.226	.220	.226
	23	.259	.248	.236	.247	—	.229	.229	.233	.231	.230	.229	.230
	24	.262	.256	.252	.250	.243	.235	.246	.224	.221	.215	.215	.227
	25	.262	.247	.246	.234	.226	.217	.216	.213	.207	.211	.208	.199
	26	.191	.185	.188	—	—	—	—	—	—	—	—	—
	27	—	—	—	.196	.196	.196	.194	.192	.194	.189	.193	.201
	28	.234	.257	.246	.236	.236	.230	.229	.229	.223	.223	.223	.220
	29	.219	.211	.214	.213	.211	.198	.200	.193	.194	.194	.192	.188
	30	.230	.231	.223	.219	.210	.212	.220	.229	—	.224	.215	.218
Hourly Means	.249	.246	.242	.242	.240	.235	.235	.233	.232	.228	.228	.231	

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
100	88	85	80	78	80	88	95	94	96	98	100	95
83	79	80	77	76	85	90	85	78	76	77	77	86
85	81	74	74	69	79	83	82	84	84	81	82	84
89	83	76	63	59	78	70	69	72	77	79	82	82
—	—	—	—	—	—	—	—	—	—	—	—	85
94	84	76	69	69	70	72	78	82	89	91	91	90
93	89	85	82	82	80	80	85	84	90	90	88	88
100	98	91	88	80	81	83	88	98	97	100	97	94
100	98	98	96	94	92	95	96	98	100	100	100	98
98	98	94	88	85	81	83	80	93	96	96	98	96
96	94	90	90	90	84	84	87	90	90	91	90	93
—	—	—	—	—	—	—	—	—	—	—	—	86
94	93	85	73	77	69	71	77	76	78	73	76	81
84	83	81	75	79	72	72	74	78	76	73	75	71
72	65	61	61	66	62	66	69	74	72	72	76	71
100	100	94	88	81	81	78	73	75	—	79	79	87
99	94	95	96	96	95	97	88	92	92	92	92	94
98	94	93	90	90	90	85	91	97	97	100	100	95
—	—	—	—	—	—	—	—	—	—	—	—	80
80	70	66	64	62	68	72	80	87	83	81	84	89
93	88	83	80	80	81	81	84	91	94	98	97	91
100	93	88	83	68	71	76	80	82	91	90	87	92
93	91	87	81	81	81	81	85	89	91	91	93	94
93	94	88	82	83	81	84	86	95	98	96	90	94
98	93	89	88	83	85	80	83	91	96	96	98	94
—	—	—	—	—	—	—	—	—	—	—	—	97
100	96	98	97	93	90	93	93	98	98	97	89	90
96	97	93	83	75	72	72	79	82	93	87	98	91
96	92	89	83	82	77	70	73	80	87	93	93	91
100	98	91	93	82	89	90	93	93	94	97	97	95
94	90	86	82	79	80	81	83	87	89	89	90	90
In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
·300	·295	·312	·316	·311	·307	·337	·344	·328	·322	·329	·332	·304
·255	·250	·262	·269	·268	·274	·280	·246	·223	·210	·209	·205	·272
·221	·224	·222	·228	·224	·234	·237	·226	·225	·223	·218	·212	·222
·229	·233	·225	·198	·192	·222	·203	·197	·198	·205	·205	·210	·217
—	—	—	—	—	—	—	—	—	—	—	—	·208
·216	·215	·218	·216	·227	·227	·226	·223	·216	·215	·215	·209	·236
·232	·237	·251	·255	·257	·264	·262	·258	·240	·254	·243	·240	·249
·242	·249	·250	·265	·267	·283	·283	·273	·273	·255	·269	·243	·278
·263	·275	·290	·314	·311	·322	·322	·322	·316	·305	·305	·305	·293
·299	·313	·304	·298	·293	·285	·286	·282	·285	·290	·288	·290	·247
·227	·238	·239	·257	·268	·265	·267	·264	·263	·259	·261	·254	·257
—	—	—	—	—	—	—	—	—	—	—	—	·224
·270	·290	·296	·293	·292	·276	·274	·281	·268	·265	·248	·245	·213
·223	·231	·238	·243	·251	·233	·238	·225	·224	·217	·210	·216	·233
·224	·216	·208	·217	·220	·213	·218	·210	·210	·200	·192	·196	·292
·228	·265	·273	·290	·287	·298	·286	·260	·243	—	·237	·242	·262
·299	·289	·311	·319	·311	·335	·333	·311	·325	·322	·317	·308	·251
·249	·250	·259	·276	·268	·273	·268	·268	·267	·258	·254	·258	·242
—	—	—	—	—	—	—	—	—	—	—	—	·252
·248	·237	·234	·228	·230	·249	·240	·253	·257	·242	·231	·231	·256
·244	·251	·259	·269	·272	·283	·277	·267	·261	·259	·257	·249	·227
·246	·259	·270	·286	·251	·259	·259	·269	·263	·254	·261	·257	·215
·244	·256	·274	·274	·283	·291	·290	·295	·287	·280	·265	·255	·233
·236	·248	·251	·257	·277	·293	·313	·307	·311	·318	·295	·270	·217
·210	·220	·231	·258	·250	·258	·252	·232	·223	·219	·208	·197	·243
—	—	—	—	—	—	—	—	—	—	—	—	·246
·205	·209	·221	·235	·246	·254	·253	·248	·249	·247	·247	·237	·246
·223	·231	·248	·252	·240	·239	·239	·234	·220	·230	·218	·225	·233
·196	·204	·227	·235	·242	·250	·237	·240	·244	·234	·240	·236	·217
·231	·253	·256	·273	·272	·298	·299	·285	·264	·255	·241	·231	·243
·241	·248	·255	·263	·262	·269	·268	·262	·257	·253	·249	·245	·246

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
Humidity of the Air. JULY.	1	97	98	100	100	100	100	100	100	99	93	84	
	2	90	88	82	81	82	84	84	84	—	85	85	
	3	88	87	91	—	—	—	—	—	—	—	—	
	4	—	—	—	80	80	82	83	83	83	86	81	80
	5	81	81	81	83	87	91	93	94	96	100	96	98
	6	93	93	96	97	96	98	98	98	98	96	100	100
	7	97	98	100	96	100	100	100	100	100	100	100	98
	8	100	100	100	100	98	100	100	100	100	100	100	100
	9	100	100	99	100	—	100	100	100	98	97	98	97
	10	98	100	100	—	—	—	—	—	—	—	—	—
	11	—	—	—	88	83	90	90	93	—	—	—	88
	12	91	94	97	97	93	94	96	96	—	96	94	98
	13	100	100	100	98	100	100	100	100	98	99	100	99
	14	100	100	100	100	100	100	100	100	100	100	100	100
	15	100	100	100	100	100	100	100	100	100	100	100	98
	16	100	98	100	100	100	100	93	94	97	93	93	100
	17	93	87	85	—	—	—	—	—	—	—	—	—
	18	—	—	—	83	91	94	97	98	98	100	100	100
	19	100	100	96	90	91	91	91	90	91	88	87	83
	20	81	83	82	84	84	89	91	90	90	92	92	96
	21	97	98	87	89	91	90	92	92	98	96	92	96
	22	100	98	96	91	88	86	93	88	91	97	98	98
	23	73	73	70	68	74	74	77	81	81	81	84	84
	24	88	89	93	—	—	—	—	—	—	—	—	—
	25	—	—	—	77	77	77	76	79	85	84	86	83
	26	83	79	81	82	83	83	89	93	91	86	78	78
	27	78	78	80	80	80	83	85	88	85	83	85	90
	28	82	82	81	84	82	82	82	83	85	85	83	80
	29	89	85	86	88	91	91	91	90	—	88	88	93
	30	100	100	100	97	97	97	97	98	93	94	94	93
Hourly Means	92	92	92	90	90	91	92	93	94	93	92	92	
Tension of the Vapour. JULY.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	
	1	.231	.233	.236	.238	.238	.238	.236	.240	.265	.275	.287	.269
	2	.248	.242	.224	.214	.212	.215	.215	.213	—	.215	.213	.221
	3	.236	.228	.241	—	—	—	—	—	—	—	—	—
	4	—	—	—	.238	.238	.241	.243	.243	.243	.246	.226	.225
	5	.228	.226	.230	.232	.228	.225	.222	.220	.223	.226	.213	.219
	6	.244	.228	.219	.218	.209	.208	.204	.202	.198	.183	.188	.187
	7	.235	.235	.238	.223	.222	.222	.222	.224	.226	.226	.220	.217
	8	.260	.252	.250	.248	.239	.238	.230	.228	.228	.230	.232	.234
	9	.246	.242	.249	.246	—	.246	.246	.246	.243	.241	.247	.241
	10	.271	.278	.272	—	—	—	—	—	—	—	—	—
	11	—	—	—	.251	.241	.250	.245	.244	—	—	—	.236
	12	.254	.252	.247	.241	.232	.228	.229	.223	—	.208	.203	.213
	13	.236	.242	.240	.233	.236	.236	.234	.228	.225	.229	.224	.231
	14	.319	.308	.305	.305	.308	.302	.305	.302	.300	.300	.300	.300
	15	.305	.300	.305	.297	.274	.269	.265	.267	.272	.267	.260	.257
	16	.269	.260	.263	.263	.263	.260	.253	.248	.249	.244	.246	.269
	17	.275	.262	.255	—	—	—	—	—	—	—	—	—
	18	—	—	—	.257	.268	.273	.271	.266	.262	.263	.267	.269
	19	.293	.300	.290	.280	.280	.278	.278	.276	.278	.267	.262	.257
	20	.233	.229	.221	.218	.212	.211	.209	.196	.198	.201	.204	.213
	21	.230	.219	.214	.213	.213	.207	.208	.206	.210	.204	.208	.215
	22	.288	.282	.276	.259	.247	.246	.264	.242	.243	.233	.231	.233
	23	.215	.213	.206	.199	.205	.203	.212	.215	.217	.211	.214	.228
	24	.236	.235	.238	—	—	—	—	—	—	—	—	—
	25	—	—	—	.211	.207	.203	.195	.194	.199	.195	.195	.195
	26	.233	.224	.225	.225	.231	.240	.234	.236	.239	.233	.222	.225
	27	.258	.262	.265	.261	.258	.260	.261	.266	.259	.256	.254	.263
	28	.225	.221	.213	.220	.215	.211	.209	.210	.205	.199	.197	.200
	29	.233	.231	.235	.236	.243	.243	.243	.239	—	.236	.240	.262
30	.295	.288	.274	.251	.245	.241	.235	.233	.224	.228	.230	.224	
Hourly Means	.254	.250	.248	.241	.239	.238	.237	.235	.236	.233	.231	.235	

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
84	84	82	75	76	90	77	80	—	97	93	97	92
85	90	82	80	82	79	79	85	80	86	83	81	84
—	—	—	—	—	—	—	—	—	—	—	—	78
80	76	83	67	66	67	65	69	72	76	78	81	86
100	90	85	73	67	67	71	79	85	84	91	93	95
100	100	96	93	84	83	90	90	94	97	—	—	96
100	94	94	88	90	90	86	90	93	94	97	97	96
100	98	93	91	88	85	88	88	93	97	97	97	94
98	93	90	81	81	81	85	86	90	89	93	98	86
—	—	—	—	—	—	—	—	—	—	—	—	92
90	82	77	71	69	74	73	80	85	90	91	90	96
94	89	90	80	80	80	82	85	93	98	100	100	96
100	100	84	88	92	88	92	90	93	96	96	96	99
100	100	100	100	94	95	98	99	100	100	100	100	95
94	88	84	80	80	85	93	90	96	96	100	100	94
90	88	83	84	84	87	85	96	98	100	100	96	93
—	—	—	—	—	—	—	—	—	—	—	—	84
100	100	94	85	85	82	83	89	94	96	96	98	92
84	81	80	69	70	73	74	71	75	79	80	83	92
93	93	94	94	97	99	94	97	98	98	100	100	92
93	91	93	85	85	88	88	85	90	88	94	99	85
97	83	78	72	70	67	71	69	77	79	74	73	77
83	79	79	77	75	70	69	75	76	81	84	90	82
—	—	—	—	—	—	—	—	—	—	—	—	76
87	82	80	76	74	75	80	83	88	86	83	83	77
66	59	62	66	56	62	62	67	73	78	80	80	81
81	74	73	66	72	74	60	63	69	72	79	79	81
76	78	79	76	78	77	74	74	81	86	93	93	90
88	92	74	69	81	94	95	98	99	100	100	100	91
93	91	88	81	78	77	75	81	87	88	91	94	89
91	87	84	80	79	80	80	83	87	89	91	92	89
In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
.276	.282	.265	.244	.249	.273	.242	.243	—	.269	.264	.271	.255
.231	.243	.241	.238	.253	.243	.243	.246	.236	.246	.237	.230	.231
—	—	—	—	—	—	—	—	—	—	—	—	.236
.234	.239	.277	.240	.234	.243	.229	.230	.226	.224	.225	.218	.233
.244	.245	.251	.251	.231	.238	.242	.250	.253	.233	.231	.238	.220
.194	.214	.229	.240	.237	.243	.257	.250	.246	.249	—	—	.247
.242	.244	.257	.265	.280	.290	.288	.285	.281	.266	.264	.260	.248
.244	.251	.262	.270	.275	.272	.267	.260	.255	.251	.245	.241	.268
.260	.281	.280	.286	.297	.294	.298	.293	.301	.293	.298	.282	.261
—	—	—	—	—	—	—	—	—	—	—	—	.241
.248	.265	.272	.257	.273	.275	.263	.272	.268	.273	.265	.259	.263
.222	.231	.248	.254	.269	.272	.272	.262	.253	.247	.246	.236	.263
.246	.278	.274	.284	.295	.306	.308	.301	.298	.303	.314	.306	.312
.297	.316	.321	.335	.322	.319	.327	.328	.321	.321	.314	.314	.277
.273	.273	.282	.270	.265	.275	.290	.278	.280	.276	.278	.274	.266
.261	.260	.257	.265	.267	.279	.274	.292	.288	.288	.283	.280	.289
—	—	—	—	—	—	—	—	—	—	—	—	.273
.276	.300	.325	.318	.337	.326	.327	.329	.314	.314	.300	.294	.229
.270	.291	.303	.286	.294	.280	.272	.250	.243	.242	.244	.241	.232
.210	.218	.236	.240	.249	.273	.270	.267	.257	.247	.244	.238	.253
.214	.215	.226	.224	.228	.246	.259	.269	.279	.278	.289	.299	.225
.262	.260	.263	.273	.267	.260	.260	.244	.254	.245	.226	.217	.221
.242	.244	.244	.246	.248	.238	.236	.241	.228	.225	.230	.239	.232
—	—	—	—	—	—	—	—	—	—	—	—	.263
.216	.226	.225	.228	.225	.227	.235	.240	.248	.247	.238	.236	.220
.210	.198	.210	.233	.207	.238	.235	.244	.246	.256	.263	.263	.271
.275	.276	.293	.280	.299	.316	.257	.254	.242	.231	.233	.224	.261
.211	.213	.219	.219	.228	.239	.238	.234	.228	.235	.244	.244	.271
.267	.301	.278	.264	.310	.322	.313	.318	.310	.308	.300	.297	.277
.238	.259	.277	.288	.293	.291	.284	.280	.272	.275	.270	.277	.251
.245	.255	.262	.261	.267	.272	.269	.268	.265	.263	.262	.259	.251

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.

12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
—	—	—	—	—	—	—	—	—	—	—	—	88
93	91	75	77	73	71	74	80	87	93	93	96	99
100	100	100	100	78	100	95	97	98	96	95	96	93
96	88	84	81	75	74	73	81	88	91	94	100	88
94	87	81	77	72	72	72	78	88	90	93	100	95
97	93	90	85	84	85	83	90	94	97	97	97	84
88	80	77	72	80	74	73	72	73	70	80	75	84
—	—	—	—	—	—	—	—	—	—	—	—	84
93	90	80	71	64	64	66	76	75	83	85	93	81
80	76	68	63	68	67	64	67	80	72	72	72	74
81	77	68	74	65	65	65	67	72	75	74	73	71
80	78	64	64	64	58	55	60	59	66	69	76	77
90	90	85	85	74	52	52	52	57	57	60	60	67
77	71	63	56	57	55	52	55	67	71	80	83	76
—	—	—	—	—	—	—	—	—	—	—	—	74
80	80	76	72	67	68	68	63	60	69	73	77	74
79	73	72	64	53	55	57	60	59	61	62	65	82
95	92	88	81	76	79	66	57	68	71	73	76	69
67	67	63	61	57	56	50	55	74	80	69	68	86
93	100	100	98	98	96	95	89	90	87	88	93	84
80	77	74	80	78	80	73	82	93	93	93	93	79
—	—	—	—	—	—	—	—	—	—	—	—	84
80	70	69	64	65	64	69	78	88	83	72	74	82
87	77	68	65	67	66	70	86	86	93	94	94	89
83	80	72	64	69	74	67	72	79	83	90	89	84
88	79	70	69	65	66	63	68	74	78	73	73	70
78	70	66	57	60	54	51	51	60	65	64	66	67
73	74	64	59	62	60	44	61	67	68	72	80	74
—	—	—	—	—	—	—	—	—	—	—	—	74
77	73	68	64	61	65	76	67	71	71	73	76	74
76	68	64	62	56	58	61	61	65	73	80	81	62
79	79	74	74	72	71	43	45	52	57	56	57	74
84	81	75	72	70	68	66	69	75	78	79	81	74
In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
—	—	—	—	—	—	—	—	—	—	—	—	·242
·234	·252	·256	·267	·260	·260	·262	·268	·270	·266	·257	·273	·302
·291	·321	·330	·346	·335	·343	·341	·325	·324	·316	·313	·314	·292
·300	·311	·307	·299	·280	·281	·292	·302	·306	·314	·294	·293	·273
·266	·276	·277	·280	·290	·290	·267	·272	·290	·282	·275	·295	·259
·241	·253	·250	·262	·265	·258	·257	·266	·270	·269	·269	·260	·255
·249	·265	·287	·280	·296	·295	·299	·285	·260	·203	·262	·242	·249
—	—	—	—	—	—	—	—	—	—	—	—	·245
·253	·266	·269	·261	·271	·256	·254	·265	·255	·258	·254	·273	·259
·247	·262	·269	·242	·263	·250	·237	·239	·269	·238	·231	·229	·257
·274	·278	·262	·294	·287	·298	·290	·286	·291	·286	·273	·256	·249
·272	·291	·270	·275	·278	·265	·249	·256	·226	·226	·227	·249	·249
·239	·263	·265	·293	·303	·267	·273	·267	·269	·257	·256	·245	·242
·256	·258	·251	·238	·218	·222	·206	·202	·221	·219	·234	·236	·258
—	—	—	—	—	—	—	—	—	—	—	—	·268
·275	·296	·312	·301	·300	·302	·290	·266	·236	·251	·265	·266	·282
·280	·281	·307	·300	·270	·281	·277	·274	·254	·247	·240	·239	·240
·308	·330	·320	·310	·297	·327	·279	·238	·252	·246	·247	·244	·252
·240	·255	·252	·261	·253	·253	·227	·242	·278	·264	·209	·203	·259
·268	·283	·291	·294	·299	·314	·311	·293	·282	·267	·256	·259	·249
·250	·259	·262	·267	·260	·270	·263	·272	·278	·264	·250	·240	·251
—	—	—	—	—	—	—	—	—	—	—	—	·251
·262	·262	·270	·269	·271	·274	·284	·299	·306	·280	·230	·231	·239
·260	·263	·251	·265	·270	·268	·260	·296	·283	·292	·287	·275	·239
·246	·260	·267	·257	·267	·270	·257	·262	·255	·250	·248	·235	·239
·240	·245	·244	·264	·271	·279	·271	·281	·275	·272	·256	·251	·274
·291	·298	·309	·291	·330	·311	·285	·273	·290	·289	·274	·266	·270
·319	·316	·293	·281	·288	·304	·224	·268	—	·270	·272	·286	·253
—	—	—	—	—	—	—	—	·278	—	—	—	·262
·258	·265	·279	·272	·266	·280	·315	·265	·267	·251	·245	·249	·300
·273	·273	·269	·272	·265	·270	·272	·264	·263	·275	·285	·286	·260
·327	·352	·362	·397	·411	·425	·237	·252	·269	·274	·265	·256	·260
·268	·279	·281	·283	·284	·286	·269	·269	·271	·264	·258	·257	·260

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time	9	10	11	12	13	14	15	16	17	18	19	20	
Humidity of the Air. SEPTEMBER.	1	60	61	68	72	75	81	91	95	—	100	100	100
	2	100	98	100	100	100	100	100	100	100	99	98	100
	3	90	90	90	89	—	90	89	90	88	88	86	84
	4	81	81	79	—	—	—	—	—	—	—	—	—
	5	—	—	—	94	94	97	96	96	98	100	100	98
	6	98	98	98	100	100	100	100	100	100	100	100	100
	7	97	94	92	85	88	88	88	88	93	93	87	85
	8	86	81	81	81	80	80	78	79	77	76	77	71
	9	80	80	80	80	75	75	77	80	83	83	79	77
	10	81	82	80	78	78	77	74	72	81	80	81	76
	11	84	87	89	—	—	—	—	—	—	—	—	—
	12	—	—	—	72	73	78	81	83	83	85	84	78
	13	74	78	81	82	84	85	91	91	89	90	89	89
	14	90	97	90	79	80	76	81	79	72	72	72	74
	15	68	67	69	63	64	69	73	77	—	68	64	73
	16	51	54	53	49	49	49	47	45	—	52	59	62
	17	67	66	70	70	—	—	—	—	—	70	72	68
	18	71	76	69	—	—	—	—	—	—	—	—	—
	19	—	—	—	70	71	73	77	79	83	82	90	69
	20	66	69	71	63	65	64	68	68	70	73	66	63
	21	66	67	64	62	66	63	67	73	—	73	78	74
	22	66	72	77	76	78	80	80	80	82	85	80	73
	23	85	86	78	78	80	77	79	75	78	70	63	58
	24	78	84	84	86	83	83	80	78	70	73	71	70
	25	69	68	68	—	—	—	—	—	—	—	—	—
	26	—	—	—	90	85	85	82	80	81	84	82	75
	27	51	59	59	58	59	59	53	53	70	79	73	57
	28	93	88	88	88	90	91	93	97	—	94	97	98
	29	93	79	77	83	85	88	90	92	94	92	93	81
	30	83	85	85	85	86	80	83	84	—	91	85	80
Hourly Means	78	79	78	78	79	79	81	81	84	83	82	78	
Tension of the Vapour. SEPTEMBER.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	
	1	.255	.257	.273	.279	.289	.302	.326	.330	—	.330	.327	.330
	2	.319	.311	.314	.314	.311	.311	.314	.316	.316	.315	.319	.324
	3	.309	.306	.301	.296	—	.296	.290	.290	.287	.287	.291	.302
	4	.316	.310	.304	—	—	—	—	—	—	—	—	—
	5	—	—	—	.333	.331	.327	.322	.292	.285	.295	.311	.335
	6	.313	.292	.271	.274	.267	.274	.276	.265	.269	.272	.274	.281
	7	.323	.322	.317	.304	.320	.303	.295	.284	.281	.287	.281	.315
	8	.329	.298	.289	.284	.275	.267	.255	.251	.246	.243	.259	.266
	9	.272	.262	.260	.252	.230	.230	.236	.241	.250	.252	.255	.266
	10	.310	.302	.294	.291	.291	.286	.275	.270	.281	.278	.286	.289
	11	.217	.208	.213	—	—	—	—	—	—	—	—	—
	12	—	—	—	.187	.185	.193	.194	.197	.199	.203	.215	.224
	13	.224	.227	.228	.224	.223	.217	.220	.215	.207	.207	.217	.237
	14	.248	.253	.248	.241	.234	.224	.228	.221	.204	.204	.212	.231
	15	.290	.294	.293	.271	.274	.281	.283	.289	—	.281	.277	.307
	16	.240	.257	.254	.241	.239	.239	.231	.226	—	.274	.311	.339
	17	.306	.299	.305	.298	—	—	—	—	—	.225	.239	.251
	18	.261	.268	.244	—	—	—	—	—	—	—	—	—
	19	—	—	—	.254	.251	.249	.254	.255	.252	.255	.296	.278
	20	.209	.207	.214	.199	.197	.189	.193	.193	.206	.213	.215	.217
	21	.246	.246	.233	.221	.232	.227	.234	.251	—	.259	.275	.281
	22	.246	.262	.277	.270	.272	.272	.269	.266	.253	.253	.269	.272
	23	.347	.346	.311	.293	.262	.242	.234	.215	.219	.200	.195	.187
	24	.230	.231	.227	.242	.230	.230	.225	.221	.204	.209	.209	.221
	25	.184	.176	.176	—	—	—	—	—	—	—	—	—
	26	—	—	—	.243	.223	.217	.202	.200	.196	.197	.220	.221
	27	.219	.245	.245	.246	.242	.253	.249	.256	.320	.328	.322	.287
	28	.285	.275	.263	.251	.254	.252	.253	.255	—	.250	.264	.288
	29	.240	.207	.201	.205	.199	.201	.196	.195	.195	.202	.220	.237
30	.248	.251	.260	.253	.251	.236	.236	.242	—	.233	.258	.262	
Hourly Means	.269	.266	.262	.260	.254	.253	.252	.249	.246	.252	.262	.271	

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
96	95	92	94	100	98	100	100	100	98	98	98	90
100	89	88	84	86	85	86	88	95	91	91	91	95
78	76	82	66	64	60	66	68	73	76	79	82	80
—	—	—	—	—	—	—	—	—	—	—	—	88
91	82	81	74	66	71	75	80	87	91	94	96	89
94	85	79	73	69	66	67	68	79	87	91	95	89
82	75	75	44	41	48	44	46	49	53	80	86	75
62	60	57	58	55	49	50	54	59	63	73	80	69
74	74	72	70	70	62	64	65	69	75	78	81	75
76	70	75	64	53	48	56	56	57	69	73	89	72
—	—	—	—	—	—	—	—	—	—	—	—	72
66	67	63	63	57	54	54	56	59	64	70	73	79
79	73	67	65	64	62	65	64	73	78	83	91	73
70	78	65	61	67	62	61	56	62	68	70	70	61
71	70	67	60	59	40	41	42	48	46	53	52	61
52	47	48	53	52	52	48	50	56	62	61	64	53
67	61	52	51	48	50	46	61	60	67	63	67	62
—	—	—	—	—	—	—	—	—	—	—	—	66
67	59	53	53	48	52	44	48	62	69	60	60	63
63	63	55	55	50	47	47	56	60	67	69	72	63
71	68	58	57	53	55	50	48	56	61	62	64	67
69	60	59	56	53	50	46	46	53	60	62	78	66
53	47	54	57	58	51	44	47	63	66	70	75	72
66	67	63	68	70	51	51	63	69	79	81	69	72
—	—	—	—	—	—	—	—	—	—	—	—	65
69	64	59	56	42	43	45	42	54	48	48	44	66
52	67	65	65	81	71	74	69	73	80	83	85	80
74	69	57	53	39	49	70	71	80	84	91	90	77
77	66	58	57	61	63	65	62	64	70	73	80	71
70	64	68	54	53	49	44	44	55	63	66	69	71
73	69	66	62	60	57	58	60	66	71	74	77	73
In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
*322	*322	*330	*322	*335	*327	*327	*324	*321	*316	*316	*316	*312
*341	*314	*337	*327	*340	*338	*332	*334	*344	*326	*323	*317	*323
*291	*314	*345	*311	*317	*307	*321	*317	*321	*318	*322	*322	*307
—	—	—	—	—	—	—	—	—	—	—	—	*321
*343	*342	*330	*324	*318	*330	*326	*330	*343	*331	*320	*319	*302
*300	*306	*316	*315	*316	*324	*344	*346	*355	*343	*328	*324	*314
*339	*354	*390	*304	*299	*325	*312	*294	*294	*306	*346	*352	*269
*260	*281	*284	*296	*282	*255	*255	*248	*246	*245	*257	*279	*297
*268	*278	*281	*298	*308	*296	*307	*301	*297	*310	*308	*319	*263
*299	*296	*309	*270	*216	*203	*209	*212	*193	*214	*207	*231	*220
—	—	—	—	—	—	—	—	—	—	—	—	*241
*216	*239	*244	*251	*250	*236	*244	*244	*236	*228	*226	*224	*256
*245	*251	*254	*267	*279	*259	*265	*261	*278	*259	*257	*261	*285
*239	*264	*252	*264	*288	*292	*308	*306	*307	*302	*292	*289	*292
*318	*322	*341	*340	*322	*249	*248	*241	*262	*245	*264	*252	*292
*318	*288	*324	*356	*350	*353	*324	*317	*317	*317	*303	*304	*265
*276	*267	*256	*260	*254	*268	*241	*287	*255	*258	*236	*250	*261
—	—	—	—	—	—	—	—	—	—	—	—	*226
*297	*304	*276	*288	*291	*305	*258	*253	*240	*242	*206	*198	*226
*231	*235	*229	*240	*227	*236	*236	*259	*255	*268	*273	*278	*259
*284	*287	*270	*276	*284	*283	*270	*256	*268	*266	*252	*247	*268
*282	*258	*262	*257	*265	*272	*249	*247	*267	*283	*279	*326	*238
*187	*176	*215	*245	*242	*232	*214	*221	*250	*224	*220	*230	*223
*232	*245	*250	*260	*260	*196	*188	*219	*211	*217	*218	*182	*225
—	—	—	—	—	—	—	—	—	—	—	—	*280
*243	*257	*261	*283	*237	*252	*262	*237	*279	*231	*220	*193	*959
*294	*352	*298	*287	*306	*268	*285	*285	*287	*292	*280	*274	*218
*295	*279	*252	*259	*206	*218	*255	*252	*270	*269	*265	*241	*237
*236	*234	*218	*215	*213	*215	*225	*234	*242	*235	*235	*244	
*246	*236	*273	*209	*216	*223	*207	*199	*219	*235	*232	*234	
*277	*281	*284	*282	*278	*272	*270	*270	*275	*272	*269	*269	*267

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.														
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11		
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20		
Humidity of the Air. OCTOBER.	1	74	82	81	86	86	86	86	85	89	89	85	76	
	2	85	90	93	—	—	—	—	—	—	—	—	—	
	3	—	—	—	72	76	77	77	77	77	77	76	77	
	4	80	89	89	80	78	82	82	83	89	78	65	65	
	5	79	78	81	83	86	91	86	82	80	84	81	81	
	6	100	100	100	100	100	100	100	100	100	100	100	87	
	7	99	100	98	96	—	100	100	100	100	96	88	85	78
	8	99	100	100	100	100	100	100	100	100	98	90	81	81
	9	60	63	66	—	—	—	—	—	—	—	—	—	—
	10	—	—	—	81	81	81	82	82	85	85	86	84	84
	11	78	82	82	83	83	85	86	85	86	69	70	70	70
	12	91	86	86	84	85	87	88	91	91	90	85	78	78
	13	58	58	65	66	64	68	66	70	—	69	72	70	70
	14	75	73	76	78	—	78	78	77	77	77	69	57	57
	15	86	90	90	87	87	93	86	84	89	93	75	67	67
	16	85	82	84	—	—	—	—	—	—	—	—	—	—
	17	—	—	—	62	62	63	65	65	67	62	54	45	45
	18	57	62	64	71	70	76	79	83	79	77	66	59	59
	19	81	81	81	81	—	—	81	81	84	84	82	82	82
	20	89	91	98	100	100	100	100	100	100	100	100	99	99
	21	84	84	80	80	76	79	80	87	88	90	88	74	74
	22	98	98	99	100	98	93	93	93	93	85	79	73	73
	23	94	84	91	—	—	—	—	—	—	—	—	—	—
	24	—	—	—	72	72	76	77	74	77	80	77	66	66
	25	81	81	77	74	73	77	80	82	80	80	69	66	66
	26	79	85	89	92	90	94	96	98	93	96	91	83	83
	27	73	80	78	70	—	75	80	84	82	81	81	80	80
	28	94	96	94	97	—	96	97	97	97	—	100	98	98
	29	100	100	89	85	80	80	78	77	81	78	74	74	74
	30	71	75	75	—	—	—	—	—	—	—	—	—	—
	31	—	—	—	56	72	81	92	94	90	94	90	81	81
Hourly Means	83	84	85	82	82	85	85	86	87	84	80	75	75	
Tension of the Vapour. OCTOBER.	1	In. .235	In. .241	In. .232	In. .244	In. .242	In. .239	In. .239	In. .225	In. .231	In. .231	In. .253	In. .249	
	2	.251	.259	.264	—	—	—	—	—	—	—	—	—	
	3	—	—	—	.239	.246	.252	.249	.249	.256	.261	.259	.263	
	4	.196	.211	.212	.198	.195	.200	.200	.203	.213	.197	.180	.195	
	5	.239	.227	.232	.235	.244	.259	.255	.250	.257	.269	.283	.288	
	6	.364	.361	.355	.355	.355	.343	.332	.327	.327	.327	.358	.352	
	7	.342	.349	.335	.314	—	.316	.316	.314	.303	.290	.317	.314	
	8	.365	.355	.341	.330	.330	.319	.305	.316	.314	.327	.351	.364	
	9	.353	.341	.324	—	—	—	—	—	—	—	—	—	
	10	—	—	—	.311	.314	.317	.323	.323	.337	.341	.355	.365	
	11	.340	.351	.348	.347	.341	.336	.343	.341	.340	.284	.292	.299	
	12	.312	.296	.291	.276	.272	.264	.265	.261	.268	.282	.268	.264	
	13	.187	.187	.199	.198	.193	.199	.192	.206	—	.216	.232	.245	
	14	.228	.219	.218	.217	—	.213	.213	.203	.205	.209	.211	.191	
	15	.248	.248	.245	.222	.210	.210	.198	.197	.213	.226	.224	.228	
	16	.262	.241	.237	—	—	—	—	—	—	—	—	—	
	17	—	—	—	.288	.285	.287	.296	.296	.298	.308	.320	.316	
	18	.214	.225	.232	.245	.236	.239	.243	.252	.250	.254	.260	.244	
	19	.297	.291	.291	.291	—	.291	.291	.291	.299	.307	.312	.328	
	20	.366	.369	.363	.366	.366	.364	.364	.361	.366	.361	.366	.370	
	21	.285	.282	.269	.260	.242	.250	.252	.257	.258	.259	.267	.278	
	22	.288	.270	.275	.278	.275	.268	.266	.264	.259	.251	.243	.247	
	23	.268	.223	.227	—	—	—	—	—	—	—	—	—	
	24	—	—	—	.242	.232	.242	.242	.235	.249	.269	.286	.268	
	25	.310	.305	.280	.268	.262	.269	.269	.272	.269	.294	.296	.315	
	26	.307	.320	.328	.333	.306	.309	.309	.299	.290	.314	.317	.333	
	27	.251	.267	.261	.232	—	.240	.260	.269	.272	.271	.290	.302	
	28	.362	.364	.356	.364	—	.356	.356	.350	.338	—	.352	.355	
	29	.364	.364	.325	.306	.291	.291	.285	.280	.294	.293	.306	.320	
	30	.346	.366	.366	—	—	—	—	—	—	—	—	—	
	31	—	—	—	.317	.362	.388	.401	.400	.366	.380	.395	.392	
Hourly Means	.292	.290	.285	.280	.276	.279	.279	.279	.283	.281	.292	.296		

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.

12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
56	63	64	59	78	74	73	73	81	88	85	85	78
—	—	—	—	—	—	—	—	—	—	—	—	79
83	73	70	73	80	80	83	83	64	75	89	82	72
62	61	61	56	59	62	58	57	63	71	75	74	79
78	80	74	65	63	59	70	66	82	86	91	93	91
74	74	74	68	72	73	89	90	89	94	94	97	86
70	66	59	76	79	76	76	77	84	90	91	94	73
65	52	45	40	33	42	50	54	51	50	51	51	68
—	—	—	—	—	—	—	—	—	—	—	—	74
79	59	54	52	42	41	45	44	63	72	77	79	74
64	65	54	46	47	58	72	67	72	90	88	88	80
81	84	74	81	82	75	71	71	—	62	61	55	64
64	58	49	52	76	63	52	54	56	73	66	72	71
61	54	59	66	77	55	68	70	73	80	80	85	74
57	55	48	49	40	41	60	65	81	80	81	84	56
—	—	—	—	—	—	—	—	—	—	—	—	61
36	32	44	41	48	38	43	50	49	52	57	67	73
50	44	43	37	38	35	34	59	65	75	74	78	95
69	65	65	57	54	56	64	62	67	73	80	83	83
96	93	96	96	94	86	88	91	86	88	90	88	87
65	64	66	74	82	80	88	92	96	96	93	96	73
81	73	84	84	81	71	78	80	85	90	89	87	81
—	—	—	—	—	—	—	—	—	—	—	—	76
65	63	59	60	62	68	62	61	69	78	81	78	66
54	51	56	53	49	47	46	47	52	62	71	74	81
72	73	68	65	76	73	71	64	68	72	77	71	77
74	68	72	71	72	71	71	75	74	83	86	91	97
97	98	100	97	96	93	94	96	100	100	98	100	72
69	67	66	63	64	61	51	48	55	58	64	68	81
—	—	—	—	—	—	—	—	—	—	—	—	76
97	94	82	74	71	81	80	75	68	76	83	84	70
70	66	65	64	66	64	67	68	72	78	80	81	66
In. .220	In. .245	In. .261	In. .244	In. .311	In. .303	In. .283	In. .278	In. .271	In. .275	In. .258	In. .251	In. .253
—	—	—	—	—	—	—	—	—	—	—	—	244
.286	.251	.240	.237	.241	.267	.248	.234	.191	.200	.215	.200	213
.205	.216	.214	.208	.227	.239	.236	.222	.235	.246	.240	.233	291
.302	.307	.317	.324	.330	.320	.325	.312	.354	.352	.346	.348	349
.342	.359	.366	.329	.353	.346	.366	.360	.363	.365	.351	.333	341
.316	.324	.317	.374	.389	.364	.371	.380	.385	.386	.372	.359	354
.348	.334	.324	.326	.297	.353	.431	.480	.449	.427	.362	.350	326
—	—	—	—	—	—	—	—	—	—	—	—	331
.382	.298	.300	.308	.271	.266	.283	.280	.352	.360	.358	.352	279
.292	.300	.303	.285	.303	.357	.411	.398	.376	.348	.311	.306	237
.288	.269	.306	.310	.312	.344	.327	.324	—	.226	.207	.181	233
.261	.280	.266	.286	.372	.299	.265	.264	.224	.246	.215	.223	242
.214	.207	.225	.263	.302	.231	.265	.263	.262	.272	.262	.255	275
.214	.233	.221	.243	.224	.239	.284	.292	.330	.296	.283	.269	243
—	—	—	—	—	—	—	—	—	—	—	—	314
.294	.294	.344	.285	.277	.210	.211	.229	.249	.235	.238	.258	361
.224	.206	.223	.206	.226	.219	.224	.281	.283	.295	.275	.288	280
.322	.321	.315	.291	.304	.320	.336	.320	.326	.344	.348	.353	271
.376	.380	.388	.396	.386	.381	.373	.354	.320	.314	.306	.300	279
.274	.263	.276	.303	.322	.307	.314	.311	.322	.309	.275	.288	297
.288	.262	.279	.282	.274	.248	.266	.275	.295	.306	.287	.257	298
—	—	—	—	—	—	—	—	—	—	—	—	303
.297	.298	.303	.299	.293	.337	.317	.306	.311	.325	.322	.308	363
.285	.274	.307	.323	.321	.316	.317	.322	.312	.308	.319	.316	329
.284	.278	.281	.295	.326	.310	.301	.274	.268	.262	.269	.251	335
.315	.308	.304	.321	.336	.348	.341	.362	.345	.353	.352	.366	—
.356	.366	.372	.376	.373	.365	.377	.376	.375	.378	.361	.366	—
.332	.339	.365	.387	.404	.398	.327	.312	.327	.318	.322	.337	—
—	—	—	—	—	—	—	—	—	—	—	—	—
.327	.311	.296	.316	.310	.316	.307	.289	.262	.273	.277	.287	—
.294	.289	.296	.301	.311	.308	.312	.311	.311	.308	.297	.294	—

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
Humidity of the Air. NOVEMBER.	1	84	87	93	94	97	97	98	100	98	94	88	79
	2	74	75	77	78	73	78	81	84	86	81	79	73
	3	91	93	97	97	—	98	100	96	97	97	98	95
	4	66	79	79	78	78	79	81	84	84	84	80	69
	5	79	81	79	77	79	81	77	76	74	69	72	61
	6	85	88	88	—	—	—	—	—	—	—	—	—
	7	—	—	—	92	91	94	90	77	72	74	68	62
	8	77	75	83	79	75	83	88	88	88	86	76	77
	9	84	67	68	81	—	55	65	72	73	71	62	51
	10	58	61	65	69	71	72	74	75	73	71	62	51
	11	54	58	63	68	69	76	79	79	82	75	65	61
	12	77	57	51	43	48	50	55	57	47	48	46	41
	13	37	39	41	—	—	—	—	—	—	—	—	—
	14	—	—	—	90	91	96	94	91	93	94	88	83
	15	65	67	74	79	71	68	68	68	75	69	61	62
	16	66	70	80	86	92	79	69	65	—	67	65	57
	17	67	67	69	72	75	83	80	83	—	75	68	57
	18	56	59	62	66	67	70	74	79	76	76	67	70
	19	81	90	94	96	98	96	98	—	98	98	98	72
	20	75	75	75	—	—	—	—	—	—	—	—	—
	21	—	—	—	71	70	71	72	74	76	77	66	59
	22	94	100	94	96	93	93	94	97	97	66	58	47
	23	63	66	70	71	70	69	72	70	76	71	64	59
	24	85	86	86	89	89	82	72	72	75	74	65	63
	25	81	86	94	88	91	94	91	93	87	81	72	66
	26	84	86	89	91	—	75	77	78	78	67	63	62
	27	91	90	94	—	—	—	—	—	—	—	—	—
	28	—	—	—	100	100	94	84	84	—	88	74	58
	29	70	66	69	73	74	70	70	71	74	77	73	67
	30	78	75	75	77	79	80	81	83	90	82	73	67
	Hourly Means	74	75	77	81	80	80	80	80	81	77	71	64
Tension of the Vapour. NOVEMBER.	1	In. .279	In. .264	In. .273	In. .268	In. .269	In. .269	In. .269	In. .272	In. .265	In. .280	In. .303	In. .307
	2	.309	.303	.289	.277	.262	.272	.277	.282	.291	.294	.304	.292
	3	.436	.437	.453	.468	—	.470	.473	.465	.468	.476	.482	.426
	4	.227	.251	.242	.231	.222	.222	.215	.224	.218	.226	.226	.228
	5	.215	.218	.213	.209	.209	.212	.201	.199	.197	.199	.223	.211
	6	.272	.277	.277	—	—	—	—	—	—	—	—	—
	7	—	—	—	.322	.317	.320	.309	.269	.266	.276	.294	.321
	8	.241	.236	.244	.237	.234	.244	.242	.242	.245	.255	.244	.262
	9	.299	.250	.255	.281	—	.199	.223	.240	.201	.237	.214	.208
	10	.171	.196	.203	.211	.214	.223	.235	.240	.241	.251	.250	.222
	11	.179	.187	.195	.199	.196	.210	.213	.215	.226	.250	.257	.252
	12	.289	.208	.178	.153	.166	.167	.177	.178	.156	.170	.190	.212
	13	.230	.223	.223	—	—	—	—	—	—	—	—	—
	14	—	—	—	.346	.349	.356	.348	.340	.351	.365	.364	.383
	15	.258	.247	.252	.244	.213	.196	.198	.198	.218	.224	.217	.225
	16	.239	.245	.270	.288	.303	.245	.209	.196	—	.216	.234	.226
	17	.240	.234	.237	.237	.237	.255	.243	.243	—	.252	.254	.257
	18	.285	.293	.302	.304	.306	.309	.316	.328	.316	.330	.343	.356
	19	.292	.306	.311	.316	.318	.316	.316	—	.305	.313	.327	.281
	20	.254	.254	.254	—	—	—	—	—	—	—	—	—
	21	—	—	—	.319	.311	.308	.311	.316	.327	.347	.319	.321
	22	.365	.384	.354	.358	.351	.351	.345	.353	.373	.322	.301	.251
	23	.230	.233	.243	.245	.245	.238	.242	.234	.259	.267	.275	.280
	24	.372	.367	.361	.369	.366	.336	.295	.289	.309	.315	.336	.351
	25	.299	.312	.328	.300	.292	.289	.278	.271	.267	.288	.281	.297
	26	.327	.320	.314	.323	—	.286	.291	.288	.296	.300	.301	.325
	27	.363	.354	.354	—	—	—	—	—	—	—	—	—
	28	—	—	—	.393	.393	.371	.315	.315	—	.357	.328	.283
	29	.255	.237	.242	.352	.257	.245	.252	.260	.269	.287	.302	.298
	30	.262	.251	.248	.248	.237	.235	.233	.235	.263	.265	.250	.239
	Hourly Means	.277	.272	.274	.285	.272	.275	.270	.268	.275	.283	.285	.281

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
71	67	63	59	50	42	39	50	56	64	69	73	75
73	65	63	66	78	86	81	79	84	77	85	87	78
97	97	80	70	67	62	59	51	49	47	57	67	81
66	71	79	74	78	73	80	57	59	65	74	82	75
61	59	51	55	59	57	56	59	63	73	75	80	69
—	—	—	—	—	—	—	—	—	—	—	—	66
57	53	50	42	38	36	43	44	44	58	73	75	69
60	57	51	56	60	50	49	46	51	63	70	81	53
39	56	54	44	36	34	32	35	38	34	42	54	55
51	51	42	43	40	37	36	44	38	43	52	52	59
56	50	44	42	34	28	25	44	56	62	70	72	41
40	37	35	35	32	34	22	20	18	23	30	33	73
—	—	—	—	—	—	—	—	—	—	—	—	60
81	66	76	72	71	61	65	74	66	64	71	55	61
63	52	46	46	47	45	45	41	45	49	59	66	64
56	50	48	50	44	47	41	42	44	52	62	66	61
61	57	52	48	57	59	58	59	70	66	49	51	61
53	44	67	78	66	56	42	47	40	45	55	60	83
59	70	73	87	75	65	75	75	81	81	73	78	69
—	—	—	—	—	—	—	—	—	—	—	—	67
62	49	53	52	44	48	64	84	83	87	88	88	67
46	51	46	42	43	48	45	45	48	48	57	57	63
58	54	49	49	52	61	50	45	49	70	72	76	70
76	62	56	46	54	60	63	57	59	60	72	81	73
62	48	54	51	54	59	61	65	60	59	73	79	70
58	47	46	52	58	66	58	65	69	68	83	86	69
—	—	—	—	—	—	—	—	—	—	—	—	66
52	51	48	48	35	39	52	53	54	52	—	69	71
56	52	45	63	72	59	53	57	68	55	73	81	67
60	57	60	63	61	55	72	64	62	69	73	76	67
61	57	55	55	54	53	53	54	56	59	64	70	67
In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
·318	·341	·336	·337	·308	·280	·269	·347	·340	·333	·325	·318	·299
·337	·339	·354	·394	·436	·426	·448	·443	·456	·425	·443	·441	·350
·395	·415	·343	·330	·324	·315	·299	·289	·246	·215	·222	·239	·378
·227	·258	·246	·276	·278	·248	·286	·200	·197	·196	·208	·220	·232
·209	·214	·199	·221	·240	·218	·224	·240	·233	·251	·252	·262	·220
—	—	—	—	—	—	—	—	—	—	—	—	·286
·320	·314	·325	·287	·290	·234	·253	·256	·255	·281	·282	·257	·245
·220	·216	·215	·239	·256	·260	·270	·248	·234	·248	·258	·289	·213
·178	·257	·243	·224	·182	·180	·175	·175	·175	·144	·160	·197	·211
·239	·257	·215	·215	·202	·186	·169	·190	·178	·180	·189	·176	·240
·239	·258	·249	·252	·235	·187	·188	·274	·326	·322	·316	·312	·217
·234	·256	·263	·299	·306	·325	·248	·220	·188	·202	·211	·210	·331
—	—	—	—	—	—	—	—	—	—	—	—	·229
·397	·382	·416	·412	·392	·341	·353	·334	·278	·263	·285	·220	·239
·248	·225	·229	·239	·232	·236	·237	·230	·230	·224	·242	·247	·276
·257	·242	·213	·239	·221	·249	·222	·216	·218	·242	·255	·254	·302
·279	·275	·280	·276	·323	·315	·321	·321	·362	·342	·280	·275	·302
·368	·333	·407	·445	·311	·264	·230	·219	·214	·211	·219	·232	·302
·261	·293	·311	·332	·323	·293	·310	·285	·310	·297	·259	·270	·322
—	—	—	—	—	—	—	—	—	—	—	—	·297
·352	·296	·338	·337	·293	·337	·355	·379	·353	·346	·343	·348	·291
·250	·275	·266	·237	·243	·281	·254	·248	·244	·255	·251	·221	·325
·289	·308	·304	·329	·303	·353	·360	·356	·343	·365	·344	·345	·294
·355	·329	·341	·303	·300	·315	·325	·286	·276	·279	·307	·319	·334
·298	·249	·285	·277	·288	·301	·303	·313	·291	·301	·330	·322	·310
·329	·316	·316	·361	·383	·402	·267	·375	·377	·357	·377	·358	·288
—	—	—	—	—	—	—	—	—	—	—	—	·230
·253	·260	·264	·271	·219	·257	·302	·310	·303	·273	—	·274	·279
·281	·305	·285	·363	·382	·360	·318	·302	·338	·247	·284	·291	—
·207	·186	·211	·215	·210	·202	·236	·230	·219	·215	·214	·213	—
·283	·284	·287	·297	·288	·283	·282	·280	·276	·270	·274	·273	—

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
Humidity of the Air. DECEMBER.	1	76	79	81	81	—	81	79	77	80	70	63	54
	2	78	77	76	73	78	77	83	83	90	87	72	62
	3	85	85	88	90	96	94	94	94	84	82	68	60
	4	69	47	51	—	—	—	—	—	—	—	—	—
	5	—	—	—	86	82	85	84	81	86	82	73	66
	6	77	78	77	78	81	84	85	89	92	74	66	63
	7	84	88	88	88	89	85	84	82	80	71	61	52
	8	63	71	75	79	—	81	69	69	63	55	49	41
	9	56	71	79	93	92	94	93	91	93	94	87	85
	10	88	—	88	85	81	84	82	85	89	85	75	70
	11	95	90	90	—	—	—	—	—	—	—	—	—
	12	—	—	—	89	88	87	89	88	89	93	94	95
	13	88	93	94	96	94	96	94	94	96	88	84	82
	14	88	89	85	95	94	97	97	96	98	89	73	69
	15	74	67	67	73	70	66	77	81	82	77	67	62
	16	66	—	74	76	79	82	93	93	93	84	73	67
	17	87	89	92	92	94	89	—	100	98	97	84	68
	18	55	55	65	—	—	—	—	—	—	—	—	—
	19	—	—	—	—	67	63	64	67	70	69	64	67
	20	67	71	77	76	76	76	79	77	79	73	64	56
	21	82	82	85	86	86	88	86	87	86	82	73	66
	22	86	87	84	84	61	61	64	67	64	57	48	44
	23	80	82	82	85	86	88	86	88	88	91	85	72
	24	76	77	77	—	—	—	—	—	—	—	—	—
	25	—	—	—	—	—	—	—	—	—	—	—	—
	26	—	—	—	79	79	82	86	90	86	79	68	57
	27	75	70	62	56	—	57	59	60	59	54	48	42
	28	47	44	43	54	—	59	59	64	69	61	58	60
	29	72	75	84	87	85	86	86	86	86	86	77	76
	30	87	88	92	91	93	94	97	97	97	94	89	79
	31	84	85	86	87	67	54	64	58	56	48	42	39
Hourly Means	76	77	79	82	83	80	81	82	83	78	69	64	
Tension of the Vapour. DECEMBER.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	
	1	.216	.215	.218	.218	—	.218	.213	.211	.225	.225	.227	.214
	2	.293	.280	.267	.249	.255	.249	.250	.241	.266	.264	.281	.281
	3	.320	.317	.311	.309	.319	.311	.311	.309	.299	.322	.317	.308
	4	.397	.312	.318	—	—	—	—	—	—	—	—	—
	5	—	—	—	.332	.315	.320	.327	.305	.309	.331	.327	.308
	6	.340	.331	.320	.317	.322	.327	.317	.323	.336	.330	.341	.368
	7	.500	.493	.470	.450	.452	.442	.440	.442	.444	.450	.465	.463
	8	.422	.434	.431	.441	—	.423	.387	.385	.377	.376	.384	.369
	9	.385	.443	.478	.509	.497	.472	.445	.425	.437	.491	.499	.483
	10	.470	—	.474	.469	.444	.455	.442	.450	.469	.486	.479	.486
	11	.490	.471	.471	—	—	—	—	—	—	—	—	—
	12	—	—	—	.462	.458	.451	.462	.462	.473	.504	.510	.521
	13	.384	.394	.397	.396	.400	.402	.400	.400	.418	.413	.402	.431
	14	.493	.477	.442	.478	.467	.472	.476	.454	.470	.477	.477	.498
	15	.397	.342	.324	.334	.300	.267	.292	.320	.332	.329	.315	.329
	16	.328	—	.357	.356	.353	.348	.365	.365	.371	.389	.387	.388
	17	.444	.452	.458	.458	.468	.452	—	.481	.482	.503	.492	.484
	18	.253	.243	.277	—	—	—	—	—	—	—	—	—
	19	—	—	—	—	.263	.234	.237	.239	.252	.263	.262	.286
	20	.241	.245	.252	.246	.244	.249	.250	.242	.252	.265	.263	.265
	21	.333	.328	.330	.320	.307	.295	.282	.276	.291	.301	.310	.321
	22	.430	.424	.408	.415	.344	.337	.329	.345	.337	.353	.363	.371
	23	.348	.353	.333	.335	.329	.322	.309	.309	.311	.346	.347	.350
	24	.436	.439	.443	—	—	—	—	—	—	—	—	—
	25	—	—	—	—	—	—	—	—	—	—	—	—
	26	—	—	—	.335	.352	.354	.352	.360	.358	.372	.356	.347
	27	.432	.417	.392	.370	—	.365	.361	.359	.357	.362	.342	.332
	28	.252	.221	.218	.249	—	.254	.251	.267	.282	.273	.268	.285
	29	.353	.362	.392	.394	.385	.384	.381	.378	.378	.378	.358	.367
	30	.428	.435	.443	.436	.441	.444	.449	.449	.449	.463	.481	.495
31	.513	.508	.514	.521	.446	.409	.451	.388	.352	.313	.285	.285	
Hourly Means	.381	.373	.381	.377	.371	.356	.351	.353	.359	.368	.367	.371	

* Christmas Day.

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
53	53	53	57	61	63	75	58	62	65	66	71	68
57	58	64	71	65	64	64	58	61	64	76	82	72
50	45	41	36	31	35	45	44	46	53	62	70	66
—	—	—	—	—	—	—	—	—	—	—	—	69
66	64	55	62	55	56	61	64	64	66	69	72	69
57	59	56	51	51	57	55	48	62	69	74	83	69
45	38	31	27	22	17	29	30	48	60	63	63	59
60	61	63	56	55	44	50	49	51	55	54	56	59
84	84	81	78	79	77	71	74	77	81	85	88	83
63	58	69	69	69	70	76	79	87	85	94	95	79
—	—	—	—	—	—	—	—	—	—	—	—	91
94	89	94	98	97	98	93	87	86	84	84	86	78
76	68	65	66	65	60	53	54	57	59	70	79	83
58	57	60	76	96	89	84	85	75	76	88	88	83
55	57	65	63	58	53	56	63	66	66	66	67	66
58	59	57	54	62	66	68	78	73	79	84	85	74
60	53	49	43	36	36	25	26	81	50	50	—	68
—	—	—	—	—	—	—	—	—	—	—	—	60
56	64	62	53	67	49	57	59	50	47	55	62	63
49	50	44	36	37	37	49	64	62	61	70	73	70
59	56	46	39	29	57	57	59	62	67	76	84	69
73	77	74	70	62	69	70	68	64	66	72	77	74
64	51	64	64	59	58	56	67	72	70	70	68	67
—	—	—	—	—	—	—	—	—	—	—	—	44
48	45	41	39	34	56	50	61	70	73	70	75	52
35	38	38	40	30	30	20	19	24	26	33	37	76
50	46	43	35	32	35	35	42	56	60	71	64	79
72	67	57	61	60	60	65	68	72	80	83	84	51
74	64	54	51	64	64	61	67	75	68	74	85	69
39	38	35	34	35	37	33	37	29	35	41	50	74
60	58	56	55	54	55	56	58	63	64	69	74	69
In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
.227	.262	.267	.277	.300	.314	.369	.280	.289	.292	.279	.276	.254
.282	.290	.314	.331	.318	.309	.309	.300	.302	.297	.320	.331	.287
.297	.303	.314	.317	.308	.362	.408	.406	.413	.436	.432	.423	.340
—	—	—	—	—	—	—	—	—	—	—	—	.334
.323	.335	.312	.337	.322	.339	.367	.363	.358	.370	.355	.342	.394
.392	.412	.401	.405	.423	.481	.475	.445	.501	.521	.503	.518	.436
.460	.447	.428	.412	.373	.312	.407	.385	.399	.451	.444	.435	.423
.494	.465	.468	.427	.449	.412	.458	.431	.443	.441	.407	.406	.468
.476	.476	.486	.478	.473	.485	.455	.465	.468	.471	.469	.470	.489
.499	.509	.532	.527	.542	.545	.494	.504	.491	.486	.506	.494	.460
—	—	—	—	—	—	—	—	—	—	—	—	.437
.523	.508	.475	.474	.480	.482	.426	.410	.398	.379	.373	.381	.495
.434	.429	.432	.455	.484	.499	.483	.496	.491	.490	.487	.479	.363
.490	.520	.512	.522	.591	.562	.538	.507	.503	.505	.478	.478	.386
.319	.356	.415	.430	.451	.441	.449	.439	.439	.395	.352	.342	.398
.365	.376	.390	.362	.384	.394	.411	.440	.439	.430	.440	.439	.267
.393	.399	.361	.336	.299	.294	.213	.252	.445	.309	.271	—	.273
—	—	—	—	—	—	—	—	—	—	—	—	.337
.263	.287	.290	.291	.336	.273	.301	.277	.282	.252	.235	.237	.385
.255	.261	.265	.254	.272	.281	.317	.349	.328	.311	.325	.318	.361
.327	.357	.332	.309	.272	.371	.369	.373	.399	.416	.432	.444	.381
.443	.469	.430	.436	.403	.402	.405	.375	.354	.352	.354	.368	.344
.349	.327	.359	.390	.450	.395	.379	.410	.423	.406	.405	.384	.379
—	—	—	—	—	—	—	—	—	—	—	—	.476
.328	.314	.337	.331	.329	.424	.391	.408	.436	.451	.436	.440	.350
.376	.456	.499	.453	.332	.319	.214	.212	.267	.244	.235	.226	.377
.271	.275	.283	.254	.260	.281	.311	.307	.374	.354	.388	.327	.344
.364	.361	.341	.376	.387	.395	.387	.378	.380	.395	.406	.412	.283
.495	.487	.492	.473	.483	.504	.496	.503	.512	.500	.535	.529	.379
.294	.298	.289	.295	.292	.308	.290	.304	.250	.275	.258	.270	.476
.375	.384	.385	.383	.385	.392	.389	.385	.399	.393	.389	.391	.350



VAN DIEMEN ISLAND, 1847.

METEOROLOGICAL JOURNAL.

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
JANUARY.							
D.	H.	°	°	°	In.		
1	0	63·3	68·8	61·0		1·0	} Fine, but cloudy.
1	6	66·6					
1	12	65·0					
1	18	64·0					
2	0	59·5	—	—		1·0	} Fine, with cum.
2	6	57·0					
Sunday.							
3	12	62·2	76·0	50·0		1·0	} Generally fine, with cum. ; a light rain in the evening.
3	18	61·2					
4	0	70·0	77·2			0·7	} Rain at the commencement, and cloudy throughout.
4	6	62·8					
4	12	59·2					
4	18	58·0					
5	0	70·2	75·8	48·7		0·7	} Fine, with cum.
5	6	65·4					
5	12	51·9					
5	18	53·3					
6	0	67·8	77·2	56·8		—	} Fine, with thick haze.
6	6	75·0					
6	12	58·3					
6	18	58·5					
7	0	80·5	88·0	61·8	0·01	0·5	} Much haze ; unsettled weather, with occasional rain.
7	6	77·8					
7	12	63·6					
7	18	63·0					
8	0	64·6	74·8	48·5		0·6	} Fine, with cum.
8	6	63·4					
8	12	51·2					
8	18	52·7					
9	0	70·1	—	—		0·3	} Fine, with cum.
9	6	76·8					
Sunday.							
10	12	54·0	80·0	48·6		0·8	} Fine, with cum. and cir.-cum.
10	18	52·7					
11	0	58·5	67·6	47·0		—	} Fine, with much white haze.
11	6	60·2					
11	12	52·8					
11	18	51·8					
12	0	67·0	—	54·7		0·3	} Fine, with much white haze.
12	6	66·5					
12	12	57·0					
12	18	55·2					
13	0	80·2	91·4	53·3		0·5	} Fine, with much white haze.
13	6	67·5					
13	12	57·5					
13	18	56·0					
14	0	64·9	68·0	55·5		0·3	} Cloudy, with the haze continuing.
14	6	57·8					
14	12	56·2					
14	18	57·7					
15	0	70·0	74·0	56·2		0·0	} Fine ; gloomy, with light rain at the close of the day.
15	6	72·5					
15	12	57·7					
15	18	60·0					
16	0	73·0	—	—		1·0	} Gloomy and overcast.
16	6	76·7					
Sunday.							
17	12	61·8	79·7	58·7		1·0	} Cloudy gloomy weather.
17	18	60·8					
18	0	67·0	70·5	58·0 ^a		0·6	} Cloudy gloomy weather.
18	6	60·0					
18	12	58·0					
18	18	60·2					

^a Lowest hourly reading of the Standard Thermometer.

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
JANUARY.							
D.	H.	°	°	°	In.		
19	0	72.0	76.8	56.5		0.4	} Fine; close and sultry, with a thick white haze.
19	6	69.3				0.7	
19	12	63.2				0.8	
19	18	58.0	80.8	54.0		0.5	} Fine and settled, with much cirrus haze.
20	0	75.9				0.5	
20	6	68.4				0.5	
20	12	58.0	71.2	56.3		0.0	} Fine; a strong sea breeze.
20	18	56.6				0.7	
21	0	70.0				0.4	
21	6	67.0	83.6	56.6		0.4	} A light misty rain in the middle of the day, otherwise fine.
21	12	59.0				—	
21	18	58.0				0.4	
22	0	81.0	—	—	0.05	0.2	} Cloudy, with occasional light showers.
22	6	66.7				0.7	
22	12	60.0				0.2	
22	18	57.5	71.0	51.0	0.01	1.0	} Cloudy, with occasional showers.
23	0	64.2				0.7	
23	6	62.0				0.6	
Sunday.							
24	12	—	71.0	51.0	0.01	0.8	} Cloudy, with occasional showers.
24	18	53.8				1.0	
25	0	64.2				0.9	
25	6	61.3	—	46.1		0.5	} Fine, with soft cum. and cir.-cum.
25	12	48.4				0.7	
25	18	48.5				0.6	
26	0	67.2	70.2	57.0		0.7	} Squally and unsettled, a strong breeze from N.W.
26	6	63.0				0.8	
26	12	58.0				0.6	
26	18	60.2	74.0	56.5		0.6	} Overcast and gloomy, terminating in light rain.
27	0	68.0				0.8	
27	6	67.0				0.8	
27	12	58.8	68.0	51.8	0.06	1.0	} Drizzling rain, becoming fine with the sea breeze.
27	18	57.5				1.0	
28	0	63.6				1.0	
28	6	55.9	68.4	49.8		1.0	} Fine, with cum.
28	12	52.6				0.6	
28	18	54.0				1.0	
29	0	61.2	—	—		1.0	} Fine; cloudy.
29	6	61.8				0.4	
29	12	52.2				1.0	
29	18	53.3	68.8	51.3		0.4	} Cloudy, with a light drizzling rain in the middle of the day.
30	0	62.0				0.9	
30	6	57.5				0.8	
Sunday.							
31	12	56.8	62.0	51.7		1.0	} Gloomy and overcast, nearly throughout the day.
31	18	54.2				1.0	
FEBRUARY.							
1	0	59.4	70.3	54.0		1.0	} Fine, but cloudy.
1	6	55.7				0.9	
1	12	52.4				0.7	
1	18	53.3	70.2	55.8		0.4	} Overcast, and gloomy throughout.
2	0	65.8				0.6	
2	6	63.5				1.0	
2	12	57.0	64.8	53.2	0.05	0.5	} Drizzling rain, nearly throughout the day.
2	18	56.4				0.9	
3	0	68.8				0.9	
3	6	59.3	—	—		1.0	} Fine; cloudy.
3	12	57.0				1.0	
3	18	56.8				1.0	
4	0	61.6	64.8	53.2	0.05	1.0	} Drizzling rain, nearly throughout the day.
4	6	57.5				1.0	
4	12	55.3				1.0	
4	18	54.2				1.0	

Mean Time Van Diemen Island, Astronomical Reckoning.	TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.	
	Air.	Max. Therm.	Min. Therm.				
FEBRUARY.							
D. H.	°	°	°	In.			
5 0	58·5	62·0	52·8		1·0	} Overcast and gloomy ; sky clearing in the evening.	
5 6	55·0						
5 12	53·9						
5 18	53·2						
6 0	60·2	—	—		1·0	} Cloudy, but fine.	
6 6	58·6						
Sunday.							
7 12	59·5	70·2	55·0		0·7	} Fine ; with a general white haze.	
7 18	59·0						
8 0	73·0	76·0	53·0		0·3	} Fine ; terminating in dark overcast weather.	
8 6	67·5						
8 12	57·2						
8 18	55·5						
9 0	67·6	71·0	54·0	0·7	} Light drizzling rain at commencement ; evening fine.		
9 6	60·0						
9 12	57·3						
9 18	56·0						
10 0	68·7	71·8	47·0	0·7	} Generally fine, with cum.		
10 6	57·7						
10 12	52·5						
10 18	48·1						
11 0	63·7	66·3	49·9	0·2	} Fine ; much haze prevailing.		
11 6	59·5						
11 12	56·4						
11 18	50·7						
12 0	68·5	70·2	54·2	0·4	} Fine ; haze continuing.		
12 6	60·6						
12 12	56·7						
12 18	56·0						
13 0	76·8	—	—	1·0	} Fine, with haze.		
13 6	65·4						
Sunday.							
14 12	54·8	87·0	53·2	0·6	} Generally fine, with cum.		
14 18	55·0						
15 0	66·6	75·3	56·7	0·7	} Squally and unsettled.		
15 6	67·5						
15 12	58·5						
15 18	57·8						
16 0	62·7	69·5	53·4	0·4	} Squally and unsettled.		
16 6	62·0						
16 12	54·0						
16 18	55·8						
17 0	65·2	72·5	55·0	0·9	} Fine ; much haze prevailing.		
17 6	64·0						
17 12	56·6						
17 18	56·2						
18 0	70·0	72·0	53·4	0·1	} Gloomy weather ; a light rain at mid-day.		
18 6	63·2						
18 12	55·4						
18 18	55·5						
19 0	61·3	68·0	51·4	1·0	} Overcast, with a watery haze.		
19 6	57·8						
19 12	54·8						
19 18	52·2						
20 0	69·7	—	—	1·0	} Overcast, with an intense hot wind.		
20 6	66·0						
Sunday.							
21 12	72·6	100·0	57·5	0·0	} Hot wind continuing, with a dense smoky haze.		
21 18	58·0						
22 0	65·5	67·0	55·2	1·0	} Close atmosphere ; haze continuing.		
22 6	58·4						
22 12	57·2						
22 18	56·0						

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
FEBRUARY.							
D.	H.	°	°	°	In.		
23	0	78·4	81·5	56·8		0·2	} Nearly cloudless; haze continuing.
23	6	73·0					
23	12	60·0					
23	18	58·0	72·4	56·3		0·1	} Cloudy; haze not so dense.
24	0	68·5					
24	6	62·2					
24	12	60·1	70·0	56·5		1·0	} Overcast, with dense haze.
24	18	57·4					
25	0	63·0					
25	6	63·2	68·0	61·7	0·03	0·2	} A light rain at mid-day; close atmosphere and dense haze; evening fine and cool.
25	12	58·0					
25	18	57·7					
26	0	65·6	—	—		1·0	} Fine, with cum.
26	6	63·6					
26	12	64·2					
26	18	65·6				1·0	
27	0	77·0				0·8	
27	6	70·8				0·4	
Sunday.							
28	12	51·2	91·0	41·4		0·4	} Generally fine, with cum. and cir.-cum.
28	18	50·2					
MARCH.							
1	0	62·6	64·3	52·7		0·9	} Generally fine, with cum.; a light rain at mid-day.
1	6	59·2					
1	12	53·8					
1	18	53·8	60·0	42·8		0·3	} Fine, with cum. and cir.-cum.
2	0	55·8					
2	6	52·6					
2	12	49·2	63·6	48·4		0·8	} Fine, with much haze.
2	18	43·8					
3	0	60·6					
3	6	54·4	70·6	54·2	0·04	0·4	} Cloudy and unsettled, with much haze, terminating in rain
3	12	50·6					
3	18	49·1					
4	0	68·2	66·8	55·6	1·56	0·6	} Rain nearly throughout the day; clearing up in the evening.
4	6	64·2					
4	12	60·8					
4	18	55·8	—	—		1·0	} Nearly overcast.
5	0	62·2					
5	6	62·3					
5	12	59·7				1·0	
5	18	57·5				1·0	
6	0	58·0				1·0	
6	6	58·8				0·7	
Sunday.							
7	12	53·8	66·0	50·4		0·0	} Fine and settled, with cum.
7	18	54·8					
8	0	67·2	72·8	55·0		0·5	} Fine, but cloudy.
8	6	59·3					
8	12	56·5					
8	18	55·8	70·2	54·8		1·0	} Fine, but cloudy.
9	0	69·0					
9	6	63·8					
9	12	59·0	67·5	54·8		0·8	} Dark and gloomy, terminating in rain.
9	18	56·0					
10	0	66·0					
10	6	60·0	78·0	54·0	1·03	0·6	} Unsettled, with frequent showers.
10	12	58·8					
10	18	55·4					
11	0	74·3				1·0	
11	6	70·8				0·9	
11	12	57·8				1·0	
11	18	54·8				0·8	

Mean Time Van Diemen Island, Astronomical Reckoning.	TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
	Air.	Max. Therm.	Min. Therm.			
MARCH.						
D. H.	°	°	°	In.		
12 0	60·9	63·0	46·0		1·0	Squally and unsettled, with frequent showers.
12 6	52·6				0·9	
12 12	48·8				0·8	
12 18	47·6	—	—		0·8	Fine, with haze.
13 0	60·0				1·0	
13 6	57·3				0·7	
Sunday.						
14 12	54·6	65·2	52·4		0·5	Generally fine, with slight haze.
14 18	53·2				0·5	
15 0	68·8	75·8	59·5		0·7	Much haze prevailing; a fresh warm N.W. breeze.
15 6	67·4				0·0	
15 12	63·2				0·3	
15 18	60·6	88·2	60·0		0·3	Fine, but cloudy.
16 0	86·0				0·2	
16 6	80·4				0·3	
16 12	71·2	64·8	44·6		0·9	Fine, with cum.
16 18	63·0				0·6	
17 0	61·3				0·4	
17 6	54·0	65·2	52·5		0·0	Sky generally overcast, with rainy appearances.
17 12	47·8				0·3	
17 18	45·0				1·0	
18 0	59·6	67·4	55·8		1·0	Dark gloomy weather nearly throughout the day.
18 6	57·3				1·0	
18 12	53·4				1·0	
18 18	54·1	—	—		1·0	Fine.
19 0	65·0				0·5	
19 6	59·6				0·4	
19 12	57·1	71·8	50·3		1·0	Fine; a fresh gale from N.W.
19 18	56·5				1·0	
20 0	65·0	70·8	49·2		0·4	Fine, with cum. and cir.-cum.
20 6	61·9				0·5	
Sunday.						
21 12	59·8	64·5	45·2		0·8	Fine settled weather.
21 18	58·9				0·5	
22 0	68·6	—	—		0·5	Gloomy and overcast.
22 6	59·6				0·7	
22 12	54·3				1·0	
22 18	50·4	64·2	50·8		0·4	Gloomy and overcast; a light rain at mid-day.
23 0	57·0				1·0	
23 6	53·0				1·0	
23 12	48·6	60·2	53·0	0·05	1·0	Rain nearly throughout the day.
23 18	46·5				1·0	
24 0	63·0				1·0	
24 6	55·8	—	—		1·0	Unsettled, with slight showers.
24 12	53·2				1·0	
24 18	51·3				1·0	
25 0	59·6	66·0	52·7	0·01	1·0	Unsettled, with occasional rain.
25 6	55·6				0·7	
25 12	52·5				0·5	
25 18	53·2	71·4	52·0		0·9	Unsettled, with squalls and showers; evening fine.
26 0	57·2				1·0	
26 6	57·1	—	—		1·0	
26 12	55·4				1·0	
26 18	55·8				1·0	
27 0	57·6	66·0	52·7	0·01	1·0	Unsettled, with occasional rain.
27 6	55·4				0·8	
Sunday.						
28 12	56·2	71·4	52·0		1·0	Unsettled, with squalls and showers; evening fine.
28 18	55·2				0·9	
29 0	67·2	—	—		0·5	
29 6	59·8				1·0	
29 12	55·8				0·8	
29 18	22·5					

Mean Time Van Diemen Island, Astronomical Reckoning.	TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.	
	Air.	Max Therm.	Min Therm.				
MARCH.							
D. H.	°	°	°	In.			
30 0	56°0	} 60°0	48°2		0°6	} Generally fine, with cum.	
30 6	52°6						
30 12	50°6						
30 18	49°3	} 59°8	42°5		0°8	} Fine, and settled, with cir.-cum and cir.	
31 0	57°6						
31 6	52°8						
31 12	47°7						
31 18	43°0				0°3		
					0°4		
					0°0		
				0°2			
APRIL.							
1 0	61°8	} —	—	0°06	0°1	} Fine, with cir. and cir.-cum.	
1 6	54°6						
Good Friday.							
2 12	50°0	} 65°2	49°0		1°0	} Fine, but cloudy.	
2 18	49°7						
3 0	58°8	} —	—		0°6	} Fine, with cir.-cum.	
3 6	55°2						
Sunday.							
4 12	48°6	} 66°6	46°3		1°0	} Overcast and gloomy nearly throughout the day.	
4 18	47°7						
5 0	58°2	} 61°8	49°2		1°0	} Dark and gloomy, with occasional rain.	
5 6	56°6						
5 12	49°8						
5 18	52°8						
6 0	61°0	} 64°0	54°8	1°0	} Dark and gloomy ; rain in the evening.		
6 6	60°6						
6 12	60°0						
6 18	56°4						
7 0	72°0	} 61°4	56°3	0°6	} Unsettled and gloomy, with occasional rain.		
7 6	58°0						
7 12	57°8						
7 18	57°2						
8 0	66°6	} 73°4	57°5	1°0	} Unsettled and gloomy, with occasional rain.		
8 6	68°0						
8 12	63°6						
8 18	58°5						
9 0	65°8	} 66°8	42°3	0°6	} Showery, terminating in fine weather.		
9 6	53°7						
9 12	49°0						
9 18	43°6						
10 0	57°9	} —	—	0°5	} Fine, and settled.		
10 6	52°2						
Sunday.							
11 12	57°0	} 63°5	42°8	0°04	} Overcast and gloomy, with occasional showers.		
11 18	57°8						
12 0	65°0	} 68°0	54°6	1°0	} Rain throughout the day.		
12 6	64°8						
12 12	58°8						
12 18	56°2						
13 0	55°0	} 61°8	51°4	1°0	} Rain throughout the day.		
13 6	52°8						
13 12	52°4						
13 18	52°0						
14 0	53°8	} 55°8	48°8	1°0	} Overcast, with damp raw atmosphere.		
14 6	50°2						
14 12	50°0						
14 18	49°4						
15 0	55°7	} 57°8	49°7	0°9	} Generally fine, with cum. and cir.		
15 6	53°2						
15 12	51°4						
15 18	50°4						

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain. In.	Extent of Cloudy Sky.	Weather and Remarks.		
		Air.	Max. Therm.	Min. Therm.					
APRIL.									
D.	H.	°	°	°					
16	0	61°0	64°0	50°0	0·49	1·0	} Fine, with soft fleecy cum.		
16	6	56°8				0·6			
16	12	52°5				0·6			
16	18	50°7	0·6						
17	0	61°6	—	—	0·08	0·3	} Fine, with cum.		
17	6	58°0				1·0			
Sunday.									
18	12	59°0	69°4	56°4		0·49		1·0	} Rain nearly throughout the day.
18	18	57°6			1·0				
19	0	54°4	60°8	43°5	0·49		1·0	} Weather clearing up; generally fine, with cum.	
19	6	48°8					0·8		
19	12	45°2				0·5			
19	18	44°7				0·5			
20	0	55°8	60°2	46°8	0·49	0·8	} Fine; the aurora very distinct during the night.		
20	6	51°4				0·6			
20	12	49°6				0·8			
20	18	48°5				1·0			
21	0	58°8	62°6	43°5	0·49	0·6	} Fine; the aurora visible.		
21	6	53°8				0·5			
21	12	50°0				0·3			
21	18	43°8				0·3			
22	0	59°2	60°8	44°0	0·49	0·5	} Fine; clear settled weather.		
22	6	51°2				0·3			
22	12	49°8				0·2			
22	18	45°0				0·3			
23	0	58°3	61°6	44°4	0·49	0·6	} Fine, but cloudy.		
23	6	52°0				0·3			
23	12	48°6				1·0			
23	18	45°5				1·0			
24	0	58°2	—	—	0·08	1·0	} Cloudy and unsettled.		
24	6	57°8				0·6			
Sunday.									
25	12	49°0	61°0	47°2		0·08		0·4	} Unsettled and squally, with occasional rain.
25	18	48°6			0·5				
26	0	57°5	60°4	41°4	0·08		0·7	} Fine, with cum.	
26	6	49°2					0·9		
26	12	44°8				0·5			
26	18	42°5				0·5			
27	0	48°0	52°8	40°8	0·08	0·6	} Cloudy; a light rain in the middle of the day.		
27	6	44°3				0·7			
27	12	43°3				0·7			
27	18	41°8				0·9			
28	0	51°5	53°5	43°7	0·08	0·9	} Overcast, with a raw atmosphere.		
28	6	47°8				1·0			
28	12	46°5				1·0			
28	18	44°5				1·0			
29	0	50°5	52°6	38°0	0·08	1·0	} Fine settled weather.		
29	6	46°6				1·0			
29	12	42°4				0·3			
29	18	40°0				0·2			
30	0	53°4	59°4	42°5	0·01	0·1	} Morning fine; evening showery.		
30	6	51°8				0·5			
30	12	48°0				0·3			
30	18	—				—			
MAY.									
1	0	57°5	—	—	0·13	1·0	} Fine, with occasional rain.		
1	6	54°2				0·8			
Sunday.									
2	12	46°3	59°0	43°2	0·13	0·1	} Morning fine; showery towards the close of the day.		
2	18	44°5				1·0			

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
MAY.		°	°	°	In.		
D.	H.						
3	0	52.2	—	46.5	0.18	1.0	Squally and unsettled, with showers.
3	6	52.0					
3	12	53.5					
3	18	52.6	61.8	54.7	0.27	1.0	Heavy squalls, with frequent rain.
4	0	60.5					
4	6	55.5					
4	12	56.2	58.6	40.6	0.21	0.2	Rainy, with squalls; evening fine.
4	18	58.0					
5	0	55.0					
5	6	49.3	53.2	39.8	0.21	0.8	Showery, but generally fine.
5	12	44.5					
5	18	42.4					
6	0	49.0	57.8	47.2	0.21	0.5	Fine, but cloudy.
6	6	44.6					
6	12	42.6					
6	18	42.6	—	—	0.25	0.4	Nearly overcast, with occasional rain.
7	0	53.8					
7	6	52.6					
7	12	51.1	54.2	41.5	0.32	0.6	A fresh N.W. gale with squalls; evening fine.
7	18	48.0					
8	0	56.0					
8	6	55.0	53.4	43.3	0.32	1.0	Fine; showery in the middle of the day.
Sunday.							
9	12	43.3					
9	18	45.0	59.6	46.0	0.32	0.5	Fine and settled, with cum.
10	0	49.2					
10	6	47.7					
10	12	44.0	65.0	49.8	0.32	0.9	Unsettled, with occasional rain.
10	18	44.5					
11	0	54.0					
11	6	55.6	55.4	38.1	0.32	0.2	Fine settled weather, with soft cum.
11	12	55.1					
11	18	51.6					
12	0	63.8	56.0	41.4	0.32	0.4	Fine; settled; evening overcast, with drizzling rain.
12	6	58.2					
12	12	55.3					
12	18	51.6	—	—	0.01	1.0	Fine; evening cloudy, with light showers.
13	0	53.0					
13	6	46.8					
13	12	42.3	56.3	36.7	0.01	0.2	Fine; a thick fog during the night.
13	18	38.8					
14	0	51.6					
14	6	45.8	51.8	33.4	0.01	0.1	Fine; a thick fog during the night.
14	12	45.0					
14	18	42.3					
15	0	54.0	53.8	38.6	0.01	0.8	Cloudy; a light rain at mid-day.
15	6	49.0					
Sunday.							
16	12	41.4	57.3	38.3	0.01	0.3	Fine, with cir. and cir-cum.
16	18	37.7					
17	0	46.8					
17	6	43.8	—	—	—	0.0	
17	12	39.0					
17	18	34.2					
18	0	48.8	53.8	38.6	—	0.4	Cloudy; a light rain at mid-day.
18	6	47.0					
18	12	43.3					
18	18	41.8	57.3	38.3	—	0.5	
19	0	52.2					
19	6	47.7					
19	12	42.4	—	—	—	1.0	
19	18	39.0					

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max Therm.	Min Therm.			
MAY.		°	°	°	In.		
D.	H.						
20	0	50·2	}	—		0·7	} Cloudy, with damp atmosphere.
20	6	45·2				0·6	
20	12	44·2				0·8	
20	18	44·0				0·9	
21	0	55·6	}	60·0	}	0·8	} Fine, with cum.
21	6	49·9				0·0	
21	12	46·2				0·8	
21	18	42·8				0·6	
22	0	45·5	}	—		0·5	} Fine, with cum.
22	6	42·7				0·4	
Sunday.							
23	12	44·2	}	54·0	}	0·5	} Showery at commencement, terminating in fine settled weather.
23	18	40·6				0·8	
24	0	50·0	}	53·0	}	0·3	} Generally fine, with cum. and cir.
24	6	43·0				0·4	
24	12	37·2				0·2	
24	18	39·0				0·5	
25	0	52·3	}	57·0	}	0·9	} Generally fine, with cum. and cir.
25	6	45·6				0·1	
25	12	43·7				1·0	
25	18	43·6				0·3	
26	0	50·6	}	54·0	}	0·8	} Fine and settled, with fleecy cum.
26	6	48·7				1·0	
26	12	48·4				0·8	
26	18	44·6				0·9	
27	0	53·0	}	54·6	}	1·0	} Fine; much white haze prevalent.
27	6	50·3				1·0	
27	12	48·2				0·8	
27	18	44·2				1·0	
28	0	50·4	}	52·8	}	0·0	} Fine, with cir.; haze continuing.
28	6	43·2				0·0	
28	12	38·6				0·0	
28	18	39·0				0·2	
29	0	48·6	}	—		0·3	} Fine, with cir.
29	6	45·7				0·4	
Sunday.							
30	12	45·0	}	55·8	}	0·5	} Fine, with cum. and cir.
30	18	41·6				0·3	
31	0	45·7	}	51·0	}	1·0	} Fine; a light rain at mid-day.
31	6	47·3				1·0	
31	12	45·1				1·0	
31	18	44·7				1·0	
JUNE.							
1	0	52·4	}	55·6	}	0·6	} Morning fine, rain set in in the evening.
1	6	47·8				0·5	
1	12	45·2				1·0	
1	18	43·3				0·6	
2	0	53·2	}	56·0	}	0·5	} Rain nearly throughout the day; clearing up in the evening.
2	6	48·5				0·8	
2	12	48·1				1·0	
2	18	46·8				0·8	
3	0	49·8	}	53·2	}	0·5	} Showery, with squalls.
3	6	43·4				0·1	
3	12	41·4				0·8	
3	18	38·8				0·4	
4	0	46·4	}	49·6	}	0·7	} Passing squalls and showers.
4	6	42·2				0·5	
4	12	42·0				0·8	
4	18	39·2				0·4	
5	0	46·4	}	—		0·4	} Fine, with cir.
5	6	42·4				0·7	
Sunday.							
6	12	38·8	}	51·0	}	0·0	} Fine and clear, with cir. and cir.-cum.
6	18	34·5				0·0	

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
JUNE.		°	°	°	In.		
D.	H.						
7	0	46·8	49·8	36·5	0·01	—	Generally fine.
7	6	39·8					
7	12	39·6					
7	18	38·3	49·8	37·8		0·0	Generally fine; a light rain at mid-day.
8	0	46·6					
8	6	44·0					
8	12	39·7	51·6	38·8	0·0	Generally fine; a light rain at mid-day.	
8	18	39·0					
9	0	45·6					
9	6	42·4	51·4	41·0	0·6	Generally gloomy and overcast.	
9	12	41·0					
9	18	40·3					
10	0	47·7	51·0	35·5	0·4	Gloomy and unsettled.	
10	6	46·0					
10	12	45·0					
10	18	44·0	—	—	1·0	Unsettled and squally, with occasional showers.	
11	0	48·8					
11	6	45·6					
11	12	43·2	55·2	36·0	0·8	Unsettled and squally, with occasional showers.	
11	18	37·0					
12	0	44·3					
12	6	44·5	51·2	41·3	0·5	Unsettled; terminating in fine clear weather.	
Sunday.							
13	12	38·7					
13	18	40·3	52·0	36·8	0·4	Overcast and unsettled; rain at mid-day; evening fine.	
14	0	53·0					
14	6	48·7					
14	12	42·5	53·0	37·8	0·6	Overcast, with occasional light misty rain.	
14	18	36·8					
15	0	47·8					
15	6	44·2	52·8	38·1	0·3	Fine; much fog during the night.	
15	12	44·0					
15	18	44·6					
16	0	50·2	—	—	0·7	Unsettled, with occasional showers.	
16	6	43·2					
16	12	38·0					
16	18	38·2	59·0	36·5	0·9	Unsettled, with frequent rain squalls.	
17	0	48·2					
17	6	—					
17	12	45·0	53·2	37·7	0·8	Fine and clear, with cir. and cir.-cum.	
17	18	43·8					
18	0	48·2					
18	6	49·6	51·6	36·2	1·0	Fine settled weather.	
18	12	44·3					
18	18	39·2					
19	0	45·9	53·0	37·5	0·1	Fine and settled; nearly cloudless.	
19	6	42·6					
Sunday.							
20	12	50·2	53·2	37·7	0·4	Fine and settled; nearly cloudless.	
20	18	46·6					
21	0	49·8					
21	6	44·7	51·6	36·2	0·4	Fine and settled; nearly cloudless.	
21	12	40·3					
21	18	39·8					
22	0	48·8	53·0	37·5	0·7	Fine and settled; nearly cloudless.	
22	6	43·1					
22	12	42·7					
22	18	38·2	—	—	0·1	Fine and settled; nearly cloudless.	
23	0	49·2					
23	6	43·6					
23	12	41·0	53·0	37·5	0·3	Fine and settled; nearly cloudless.	
23	18	38·6					

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
JUNE.		°	°	°	In.		
D.	H.						
24	0	48·6	53·6	36·6		0·3	Unsettled, with cold raw atmosphere, and occasional light showers.
24	6	46·0					
24	12	40·6					
24	18	37·8					
25	0	46·7	53·0	35·0		1·0	Fine; a thick fog during the night.
25	6	47·6					
25	12	39·0					
25	18	36·2					
26	0	44·9	—	—		0·6	Fine, with fog.
26	6	38·3					
Sunday.							
27	12	34·2	48·0	31·5		0·3	Fine, with drift fog.
27	18	33·9					
28	0	40·0	45·8	34·5		1·0	Fine, with cir. and cir.-cum.
28	6	40·9					
28	12	41·0					
28	18	38·8					
29	0	45·6	50·0	31·8		0·3	Fine, with cir. and cir.-cum.
29	6	40·5					
29	12	37·6					
29	18	33·8					
30	0	44·0	51·4	34·4		0·3	Fine, with cir. and cir.-cum.
30	6	42·5					
30	12	38·3					
30	18	37·9					
JULY.							
1	0	45·0	50·8	36·4	0·28	0·9	Squally, and rainy throughout the day.
1	6	42·8					
1	12	39·2					
1	18	43·5					
2	0	48·0	50·0	39·5		1·0	Showery, with intervals of sunshine.
2	6	43·7					
2	12	42·2					
2	18	40·8					
3	0	45·5	—	—		0·5	Fine, with cum.
3	6	44·2					
Sunday.							
4	12	45·6	51·8	34·5		0·4	Fine bright weather, with cum.
4	18	44·1					
5	0	50·2	53·0	36·5		0·5	Fine clear weather.
5	6	45·0					
5	12	43·8					
5	18	38·0					
6	0	49·3	52·4	32·3		0·6	Fine; foggy during the night.
6	6	43·3					
6	12	37·8					
6	18	33·8					
7	0	41·6	46·8	32·5		0·8	Hazy, with fog.
7	6	41·5					
7	12	38·5					
7	18	37·6					
8	0	45·6	50·6	36·5		1·0	Fine clear weather.
8	6	44·0					
8	12	40·3					
8	18	38·2					
9	0	45·2	49·2	38·6		0·5	Fine, but cloudy.
9	6	42·0					
9	12	40·3					
9	18	40·6					
10	0	50·0	—	—		0·3	Fine, but cloudy.
10	6	48·0					
Sunday.							
11	12	44·3	54·0	39·5		0·1	Generally cloudy and gloomy.
11	18	—					

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
JULY.		°	°	°	In.		
D.	H.						
12	0	50·7	} 55·3	} 35·8		0·5	} Fine bright weather, with cir.
12	6	45·7					
12	12	40·5					
12	18	37·0	} 51·0	} 36·8		0·0	} Gloomy and watery looking.
13	0	46·9					
13	6	41·0					
13	12	39·4	} 51·4	} 39·4	0·57	0·2	} Rain generally throughout the day.
13	18	38·5					
14	0	47·4					
14	6	47·0	} 52·0	} 40·5	0·01	1·0	} Unsettled, with occasional rain.
14	12	45·5					
14	18	45·0					
15	0	48·7	} 51·0	} 41·5	0·12	0·9	} Unsettled; terminating in fine weather.
15	6	47·1					
15	12	44·7					
15	18	42·4	} —	} —	0·25	0·3	} Unsettled, with occasional rain.
16	0	48·9					
16	6	44·4					
16	12	42·0	} 49·0	} 38·5	0·04	1·0	} Unsettled, with occasional rain.
16	18	41·8					
17	0	47·0					
17	6	44·4	} 54·8	} 42·2		0·8	} Unsettled, with light showers.
Sunday.							
18	12	46·2					
18	18	42·0	} 55·8	} 35·8	0·04	0·6	} Unsettled, with occasional rain.
19	0	51·5					
19	6	47·6					
19	12	46·4	} 45·8	} 35·5	0·04	0·9	} Gloomy; terminating in rain.
19	18	45·8					
20	0	54·4					
20	6	46·2	} 48·4	} 37·4		0·3	} Weather clearing up; fine, with cum.
20	12	41·4					
20	18	37·0					
21	0	41·1	} 53·4	} 40·3		1·0	} Fine, with cum. and hazy cir.
21	6	40·8					
21	12	39·6					
21	18	36·3	} 50·4	} 36·6		0·5	} Fine; the evening overcast and gloomy.
22	0	41·6					
22	6	46·6					
22	12	44·0	} —	} 39·5	0·26	1·0	} Unsettled, with squalls and occasional rain.
22	18	39·7					
23	0	51·4					
23	6	46·2	} 54·6	} 44·3		0·5	} Generally fine; a light rain in the evening.
23	12	44·5					
23	18	41·8					
24	0	47·0	} 57·0	} 38·2	0·01	0·2	} Generally fine; a light rain in the evening.
24	6	43·3					
Sunday.							
25	12	43·0	} —	} —	0·06	0·6	} Fine; with occasional light showers.
25	18	38·6					
26	0	45·4					
26	6	44·1	} 50·4	} 36·6		0·1	} Fine; the evening overcast and gloomy.
26	12	42·8					
26	18	42·8					
27	0	49·8	} 54·6	} 44·3		0·8	} Generally fine; a light rain in the evening.
27	6	48·1					
27	12	47·5					
27	18	46·0	} 57·0	} 38·2	0·01	0·7	} Generally fine; a light rain in the evening.
28	0	54·6					
28	6	47·2					
28	12	41·6	} —	} —		0·9	} Generally fine; a light rain in the evening.
28	18	39·1					

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain. In.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
JULY.							
D.	H.	°	°	°			
29	0	44.4	50.0	41.0	0.14	0.8	} Rain in the latter part of the day, otherwise fine.
29	6	43.0				1.0	
29	12	42.8				0.8	
29	18	42.6				0.6	
30	0	52.2	56.4	38.3		0.6	} Fine and settled, with cum.
30	6	45.9				1.0	
30	12	41.8				0.2	
30	18	39.8				1.0	
31	0	51.2	—	—		0.2	} Fine, with haze.
31	6	46.4				0.3	
Sunday.							
AUGUST.							
1	12	40.0	53.7	35.5		0.0	} Fine, with haze.
1	18	37.8				0.4	
2	0	49.6	53.0	39.8	0.02	0.8	} Overcast and gloomy, with occasional light rain.
2	6	44.4				1.0	
2	12	43.3				1.0	
2	18	43.8				1.0	
3	0	49.4	52.2	40.6		1.0	} Generally overcast and gloomy.
3	6	47.8				1.0	
3	12	45.4				0.8	
3	18	42.0				0.4	
4	0	51.2	55.0	41.4		1.0	} Fine, but cloudy.
4	6	48.5				0.8	
4	12	45.1				0.5	
4	18	43.0				0.6	
5	0	51.1	56.0	38.0	0.02	—	} Gloomy, with occasional rain.
5	6	46.6				0.5	
5	12	43.2				0.2	
5	18	39.5				0.0	
6	0	46.3	49.6	38.6	0.01	1.0	} Fine, but showery.
6	6	43.6				1.0	
6	12	43.8				0.1	
6	18	40.0				0.8	
7	0	52.6	—	—	0.03	0.6	} Fine, but showery.
7	6	48.8				0.0	
Sunday.							
8	12	—	55.8	37.2		1.0	} Fine, with cum.
8	18	39.0				0.0	
9	0	51.2	55.8	39.5		0.4	} Fine settled weather, with cum.
9	6	46.2				0.2	
9	12	42.4				0.5	
9	18	42.0				0.5	
10	0	52.0	55.2	44.2		0.5	} Fine settled weather, with cum.
10	6	48.0				0.6	
10	12	47.0				0.4	
10	18	45.4				0.2	
11	0	53.2	59.5	46.5		0.6	} Squally, with occasional showers.
11	6	52.2				0.4	
11	12	47.4				0.2	
11	18	49.4				0.2	
12	0	55.7	58.8	39.4		0.7	} Fine; a hot wind in the afternoon, with cirrus haze.
12	6	49.0				0.3	
12	12	43.0				0.0	
12	18	40.4				0.7	
13	0	49.4	61.8	41.4		0.8	} Fine, but generally cloudy.
13	6	56.8				0.4	
13	12	52.8				0.4	
13	18	48.0				1.0	
14	0	55.2	—	—		0.6	} Fine, with cum.
14	6	46.3				0.2	
Sunday.							
15	12	45.0	57.0	41.7		0.4	} Fine and settled, with cum.
15	18	44.7				0.4	

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
AUGUST.							
D.	H.	°	°	°	In.		
16	0	54·8	58·8	44·2	0·02	0·7	} Fine, with a general haze.
16	6	50·8					
16	12	48·0					
16	18	47·0	62·2	44·7	0·02	0·6	} Gloomy, with occasional rain.
17	0	58·0					
17	6	53·7					
17	12	48·7	56·6	44·5	0·47	1·0	} Fine, bright, and clear, with a white haze.
17	18	45·5					
18	0	52·2					
18	6	49·4	59·0	41·2	0·47	0·6	} Rain generally throughout the day.
18	12	47·6					
18	18	45·8					
19	0	55·4	51·0	41·7	0·47	0·1	} Occasional rain.
19	6	47·8					
19	12	44·3					
19	18	44·2	—	—	0·4	1·0	} Cloudy, with occasional rain.
20	0	45·5					
20	6	46·2					
20	12	43·3	56·5	36·7	0·5	1·0	} Cloudy ; a little rain occasionally.
20	18	42·5					
21	0	48·6					
21	6	44·0	58·2	38·2	0·47	0·6	} Generally fine, with cum. and cum.-strat.
22	12	43·8					
22	18	42·4					
23	0	54·7	56·6	38·2	0·01	0·6	} Fine, clear, and settled, with cir.
23	6	48·7					
23	12	42·3					
23	18	39·2	56·0	34·8	0·02	0·2	} Fine, with haze.
24	0	54·2					
24	6	46·8					
24	12	42·6	57·8	42·5	0·01	0·6	} Generally fine and clear.
24	18	39·1					
25	0	53·4					
25	6	45·5	65·7	46·8	0·01	0·0	} Unsettled ; rain at mid-day.
25	12	37·8					
25	18	36·0					
26	0	52·2	—	—	0·02	1·0	} Fine, with occasional light rain.
26	6	49·7					
26	12	48·5					
26	18	46·3	62·2	42·2	0·26	1·0	} Fine, with cum.
27	0	60·5					
27	6	56·2					
27	12	51·8	57·8	44·2	0·26	0·6	} Fine, but cloudy.
27	18	51·6					
28	0	58·2					
28	6	53·0	59·2	47·0	0·26	0·4	} cum. and cir.-cum.
29	12	44·6					
29	18	42·8					
30	0	54·8	67·7	46·8	0·26	0·5	} Rain nearly throughout the day.
30	6	49·6					
30	12	46·2					
30	18	45·2	—	—	0·26	0·8	}
31	0	56·4					
31	6	51·8					
31	12	48·2	—	—	0·26	0·4	}
31	18	48·0					
SEPTEMBER.							
1	0	62·0	67·7	46·8	0·26	0·4	} Rain nearly throughout the day.
1	6	58·6					
1	12	52·6					
1	18	48·0					

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
SEPTEMBER.		°	°	°	In.		
D.	H.						
2	0	49·4	51·8	45·5	0·05	1·0	Gloomy, with occasional light drizzling rain.
2	6	47·4					
2	12	46·4					
2	18	47·0					
3	0	52·6	55·0	46·6		1·0	Fine, with cum.
3	6	50·2					
3	12	48·3					
3	18	48·2					
4	0	58·2	—	—		0·7	Fine, with cum. and cir.-cum.
4	6	54·7					
Sunday.							
5	12	50·0	62·0	44·3		0·8	Fine, with cum. and cir.-cum.
5	18	44·8					
6	0	56·2	61·0	42·1 ^a		0·4	Fine, with cirrus haze and fog in the night.
6	6	50·8					
6	12	43·2					
6	18	42·5					
7	0	55·5	62·6	41·2	0·01	1·0	Fine clear weather; a light rain in the evening.
7	6	53·1					
7	12	50·2					
7	18	46·3					
8	0	68·6	71·6	46·2		0·2	Fine clear weather.
8	6	62·5					
8	12	50·0					
8	18	47·3					
9	0	60·2	62·0	45·0		0·4	Cloudy and squally.
9	6	52·2					
9	12	46·8					
9	18	46·0					
10	0	54·8	62·0	47·6		1·0	Occasional slight showers.
10	6	54·1					
10	12	51·5					
10	18	49·5					
11	0	54·7	—	—	0·06	0·9	Fine, with occasional showers.
11	6	46·2					
Sunday.							
12	12	41·7	58·0	36·5		0·1	Fine, with cum. and cir.-cum.
12	18	39·4					
13	0	53·2	59·8	37·5		0·4	Fine and clear; the aurora visible.
13	6	50·0					
13	12	43·0					
13	18	38·5					
14	0	54·3	59·0	41·4		0·5	Overcast, with watery haze.
14	6	48·4					
14	12	46·0					
14	18	44·2					
15	0	55·6	64·0	47·6		0·9	Overcast, dark, and gloomy.
15	6	56·2					
15	12	55·9					
15	18	54·4					
16	0	63·2	67·8	55·8		0·9	Fine, with fresh squally breeze.
16	6	61·6					
16	12	59·0					
16	18	61·0					
17	0	68·3	70·8	46·5		0·6	Fine, with cum.
17	6	60·2					
17	12	55·0					
17	18	47·3					
18	0	59·8	—	—		0·5	Fine, with cum.
18	6	52·5					
Sunday.							
19	12	50·6	65·0	45·7	0·01	0·3	Fine and clear, with occasional showers in the evening.
19	18	46·5					

^a Lowest hourly reading of the Standard Thermometer.

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
SEPTEMBER.							
D.	H.	°	°	°	In.		
20	0	61·8	66·0	42·8		0·7	} Fine, with scattered cum.
20	6	49·8					
20	12	46·6					
20	18	44·8	61·8	48·5		0·2	} Fine, with scattered cum.
21	0	56·0					
21	6	53·5					
21	12	50·2	63·0	45·0		0·3	} Generally fine ; a light rain in the evening.
21	18	50·0					
22	0	58·8					
22	6	56·0	—	42·2		0·5	} Fine and settled, with cum.
22	12	50·3					
22	18	45·3					
23	0	57·3	60·5	42·9		1·0	} Fine ; the aurora very bright.
23	6	58·0					
23	12	51·9					
23	18	44·2	—	—		0·5	} Fine ; the aurora visible.
24	0	55·4					
24	6	48·8					
24	12	43·8	61·2	36·1		0·6	} Fine, with cir. ; the aurora visible.
24	18	44·4					
25	0	52·3					
25	6	43·2	66·7	51·6	0·01	0·7	} A strong gale, with squalls and rain.
Sunday.							
26	12	43·0					
26	18	38·8	64·8	41·4		1·0	} Fine ; a little rain in the evening.
27	0	59·8					
27	6	58·4					
27	12	55·0	63·0	35·4		0·7	} Fine and clear.
27	18	54·6					
28	0	56·0					
28	6	51·2	54·0	40·8		1·0	} A little rain occasionally ; otherwise fine.
28	12	44·3					
28	18	42·2					
29	0	58·5	60·8	40·7		0·6	} Fine, with cum. ; showery in the evening.
29	6	47·4					
29	12	40·2					
29	18	37·1	—	—		0·3	} Fine, with cum.
30	0	52·0					
30	6	48·3					
30	12	45·2	59·0	38·5	0·28	0·7	} Gloomy and overcast ; terminating in hard rain.
30	18	41·4					
OCTOBER.							
1	0	52·6	54·0	38·4	0·05	1·0	} Clearing up ; terminating in fine weather.
1	6	51·6					
1	12	43·9					
1	18	41·6	56·0	42·5		0·4	} Generally fine, with cum.
2	0	54·5					
2	6	46·4					
Sunday.			63·8	46·5		0·7	} Light rain in the beginning of the day, terminating in fine weather.
3	12	48·2					
3	18	49·0					
4	0	47·7	63·8	46·5		1·0	} Light rain in the beginning of the day, terminating in fine weather.
4	6	42·4					
4	12	40·3					
4	18	40·7	63·8	46·5		1·0	} Light rain in the beginning of the day, terminating in fine weather.
5	0	51·3					
5	6	49·4					
5	12	43·8	63·8	46·5		0·9	} Light rain in the beginning of the day, terminating in fine weather.
5	18	47·4					
6	0	59·6					
6	6	53·8	63·8	46·5		0·7	} Light rain in the beginning of the day, terminating in fine weather.
6	12	50·0					
6	18	47·6					

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
OCTOBER.					In.		
D.	H.	°	°	°			
7	0	58·7	63·0	45·2		1·0	} Fine, with sea breeze.
7	6	52·7			0·5		
7	12	47·5			0·0		
7	18	48·3				1·0	
8	0	59·3	64·0	45·2		0·1	} Fine, with a sea breeze, and hazy.
8	6	55·2			0·1		
8	12	48·0			0·0		
8	18	48·3				0·5	
9	0	73·8	—	—		0·5	} Fine, with cum.
9	6	72·0			0·3		
Sunday.							
10	12	52·2	80·0	51·4		0·9	} Generally fine, with masses of cum.
10	18	53·8			0·7		
11	0	64·7	68·0	52·6		0·5	} Fine, with cum.
11	6	59·6			0·6		
11	12	54·6			0·5		
11	18	53·7				0·8	
12	0	65·6	69·6	42·5		0·6	} Unsettled variable weather, with squalls, and occasionally a light rain.
12	6	52·7			0·9		
12	12	48·0			0·5		
12	18	45·6				0·3	
13	0	52·0	60·2	43·7		0·7	} Squally and unsettled.
13	6	51·0			0·5		
13	12	45·7			0·8		
13	18	46·5				0·8	
14	0	62·5	64·6	41·4		0·5	} Fine and clear, with cum. and cir.-cum.
14	6	48·6			0·4		
14	12	43·6			0·3		
14	18	42·8				0·5	
15	0	53·4	57·7	37·6		0·6	} Clear and fine.
15	6	49·1			0·3		
15	12	41·2			0·1		
15	18	40·0				0·1	
16	0	59·6	—	—		0·4	} Fine, with cum.
16	6	51·7			0·4		
Sunday.							
17	12	57·5	74·4	39·4		0·2	} A hot gale, with strong squalls.
17	18	59·3			0·6		
18	0	69·4	78·0	45·4		0·8	} Fine, with cum. and cir.-cum.
18	6	56·8			0·7		
18	12	49·2			0·6		
18	18	48·4				0·1	
19	0	63·0	70·3	49·7		0·2	} Overcast and gloomy throughout the day.
19	6	53·0			0·4		
19	12	50·7			1·0		
19	18	51·0				1·0	
20	0	60·4	65·5	49·5	0·50	1·0	} Rain nearly throughout the day.
20	6	57·2				1·0	
20	12	50·6				1·0	
20	18	50·3				1·0	
21	0	54·4	58·0	42·5	0·25	1·0	} Gloomy and overcast, terminating in rain.
21	6	50·2				1·0	
21	12	47·6				0·9	
21	18	44·5				0·4	
22	0	54·2	58·2	42·7	0·25	1·0	} Occasional rain; fine in the evening; the Aurora visible, and very brilliant.
22	6	47·3				1·0	
22	12	43·6				1·0	
22	18	45·0				0·5	
23	0	48·6	—	—		1·0	} Cloudy; the Aurora visible.
23	6	48·6			0·8		
Sunday.							
24	12	47·7	64·0	39·4		1·0	} Cloudy; the Aurora still visible.
24	18	49·0			0·6		

Mean Time Van Diemen Island, Astronomical Reckoning.	TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
	Air.	Max. Therm.	Min. Therm.			
OCTOBER.						
D. H.	°	°	°	In.		
25 0	59·7	63·2	47·4		1·0	} Fine, with cum. and cir.
25 6	54·7					
25 12	50·6					
25 18	51·4	71·0	45·6		0·6	} Fine, with cum. ; a fresh sea breeze.
26 0	65·4					
26 6	59·6					
26 12	50·6	59·6	46·7		0·2	} Generally cloudy, but fine.
26 18	47·6					
27 0	56·8					
27 6	50·6	61·4	49·0	0·24	0·3	} Rain nearly throughout the day, fine in the evening.
27 12	48·2					
27 18	48·6					
28 0	56·8	—	49·0		1·0	} Fine, with scattered cum.
28 6	55·1					
28 12	51·7					
28 18	—	—	—	0·17	1·0	} Fine, with cum. and occasional rain.
29 0	52·7					
29 6	51·8					
29 12	50·4	80·0	48·0		0·6	} A thunder storm during the night, with occasional rain in the day, terminating in fine weather.
29 18	51·7					
30 0	65·6					
30 6	62·3	—	—		0·8	} Fine, with cum. and occasional rain.
Sunday.						
31 12	62·8					
31 18	53·8				0·9	
NOVEMBER.					0·4	
1 0	55·0	59·0	42·2		0·9	} Fine and clear, with cum. and cir.
1 6	50·4					
1 12	44·0					
1 18	45·2	70·6	47·5	0·01	0·0	} Fine, but cloudy, with occasional light rain.
2 0	63·6					
2 6	60·7					
2 12	50·3	67·8	53·3	0·49	0·0	} Gloomy, with occasional showers.
2 18	50·8					
3 0	64·5					
3 6	62·6	66·4	41·0	0·06	0·9	} Showery and squally throughout the day.
3 12	58·7					
3 18	59·0					
4 0	57·6	56·0	41·0	0·09	1·0	} Showery and squally throughout the day.
4 6	56·6					
4 12	45·0					
4 18	42·4	—	—		0·4	} Squally and unsettled.
5 0	51·2					
5 6	45·7					
5 12	42·6	64·0	46·2		0·7	} Gloomy, with occasional squalls and rain.
5 18	44·5					
6 0	53·4					
6 6	49·2	72·8	42·6	0·01	0·6	} Fine and clear, with cum.
Sunday.						
7 12	49·8					
7 18	51·3	65·2	46·6		1·0	} Fine, with a fresh gale.
8 0	68·6					
8 6	58·7					
8 12	45·5	64·0	45·0		0·3	} Fine, with a sea breeze.
8 18	45·0					
9 0	55·2					
9 6	52·9	—	—		0·6	} Fine, with a sea breeze.
9 12	49·7					
9 18	48·5					
10 0	59·6	—	—		0·4	} Fine, with a sea breeze.
10 6	54·6					
10 12	46·0					
10 18	49·7				0·1	
					0·3	

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
NOVEMBER.		°	°	°	In.		
D.	H.						
11	0	59·2	62·4	42·5		0·6	} Fine and clear, with cir.
11	6	54·2				0·1	
11	12	45·0				0·0	
11	18	48·4				0·1	
12	0	65·5	73·6	46·5		0·5	} Fine and clear, with cir.
12	6	60·7				0·7	
12	12	50·3				0·3	
12	18	49·7				0·2	
13	0	75·8	—	—	0·12	0·8	} Fine, with cir., and occasional showers.
13	6	76·6				0·3	
Sunday.							
14	12	52·3	84·8	51·0		1·0	} Fine, with sea breeze.
14	18	52·4				1·0	
15	0	63·5	67·0	42·8		0·6	} Fine, but cloudy ; light showers occasionally.
15	6	54·0				0·8	
15	12	46·4				0·7	
15	18	47·5				0·5	
16	0	60·3	65·0	44·4	0·04	1·0	} Showery and squally.
16	6	57·0				0·8	
16	12	48·4				1·0	
16	18	47·3				0·4	
17	0	58·4	65·2	44·0		0·6	} Fine, with cir.
17	6	57·5				0·3	
17	12	48·0				0·4	
17	18	48·6				0·4	
18	0	63·8	—	53·7		0·6	} Variable unsettled weather,
18	6	60·6				0·7	
18	12	57·4				1·0	
18	18	55·5				1·0	
19	0	63·6	72·4	44·8	1·17	1·0	} Rain throughout the day, with strong squalls.
19	6	57·2				0·4	
19	12	48·0				1·0	
19	18	47·2				1·0	
20	0	52·0	—	—		0·9	} Nearly overcast.
20	6	51·0				0·8	
Sunday.							
21	12	56·6	68·8	47·8		0·7	} Fine, with cum. and cir.-cum.
21	18	57·0				0·6	
22	0	67·3	71·4	49·8	0·03	0·6	} Showery and variable.
22	6	53·2				0·4	
22	12	51·8				1·0	
22	18	58·8				0·4	
23	0	62·4	66·5	47·5		0·5	} Fine and settled, with cum. and cir.-cum.
23	6	61·4				0·3	
23	12	49·1				0·7	
23	18	52·0				0·4	
24	0	68·0	75·5	53·0		0·8	} Fine and settled, with fresh sea breeze.
24	6	60·7				0·8	
24	12	54·6				1·0	
24	18	55·0				—	
25	0	67·2	68·0	44·2		0·3	} Fine, with cir. and much haze.
25	6	57·8				0·0	
25	12	49·0				0·3	
25	18	50·3				0·9	
26	0	61·7	—	50·0 ^a		0·3	} Cloudless weather, with much haze.
26	6	60·2				0·2	
26	12	50·0				0·3	
26	18	56·5				0·0	
27	0	69·2	—	—		0·0	} Cloudless weather, with haze.
27	6	60·8				0·0	
Sunday.							
28	12	53·0	65·0	50·5	0·14	1·0	} Occasional showers and squalls.
28	18	53·7				0·7	

^a Lowest hourly reading of the Standard Thermometer.

Mean Time Van Diemen Island, Astronomical Reckoning.	TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
	Air.	Max. Therm.	Min. Therm.			
NOVEMBER.						
D. H.	°	°	°	In.		
29 0	63.3	68.5	48.0	0.02	0.6	Squally, with showers of light rain at times.
29 6	60.5					
29 12	49.2					
29 18	51.5	68.2	43.3	0.05	0.8	Unsettled weather, with rain squalls.
30 0	64.0					
30 6	56.3					
30 12	47.3				0.3	
30 18	47.4				0.6	
DECEMBER.						
1 0	48.6	—	41.7	0.01	0.9	Squally, with light showers.
1 6	46.2					
1 12	42.5					
1 18	47.3	63.0	44.0		0.9	Fine, with cum. and cir.-cum.
2 0	59.0					
2 6	56.6					
2 12	49.0				0.7	
2 18	46.0				0.4	
3 0	57.8	—	47.3		0.2	Fine settled weather.
3 6	58.0					
3 12	49.0					
3 18	53.2				0.0	
4 0	76.7	—	—		0.0	Fine, and cloudless.
4 6	74.5					
Sunday.						
5 12	52.6	69.0	49.8		0.0	Cloudless, with thick smoky haze.
5 18	54.0					
6 0	62.4					
6 6	63.1	66.2	50.5		0.0	Fine and cloudless, with haze.
6 12	54.0					
6 18	56.5					
7 0	73.2	79.6	59.3		0.3	Dense haze, with close oppressive atmosphere.
7 6	72.0					
7 12	60.0					
7 18	66.9				0.0	
8 0	93.7	103.0	60.5		—	Dense haze, with close oppressive atmosphere.
8 6	71.6					
8 12	62.8					
8 18	69.0				0.4	
9 0	72.0	81.2	57.3		0.2	Cir. and cir.-cum. with thick smoky haze.
9 6	73.7					
9 12	62.6					
9 18	61.1				0.2	
10 0	65.6	71.0	60.3		0.5	Fine, with cir. and cir.-cum.; haze continuing.
10 6	64.2					
10 12	62.5					
10 18	63.9				1.0	
11 0	72.4	—	—		0.5	Nearly overcast.
11 6	63.8					
Sunday.						
12 12	60.7	77.8	59.2	0.07	1.0	Gloomy, with occasional light drizzling rain.
12 18	62.2					
13 0	58.7					
13 6	56.8	65.4	53.8		1.0	Fine, with fresh sea breeze.
13 12	54.5					
13 18	57.9					
14 0	69.0	79.0	57.6	0.10	1.0	Fine, with cir. and a general haze.
14 6	74.3					
14 12	60.0					
14 18	61.8				0.2	
15 0	69.0	79.8	51.5		0.8	Fine, with cum.
15 6	68.0					
15 12	57.3					
15 18	55.2				0.0	

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
DECEMBER.		°	°	°	In.		
D.	H.						
16	0	68·8	74·8	52·0		0·3	Generally fine ; gloomy towards evening.
16	6	65·0				0·5	
16	12	57·9				0·5	
16	18	57·5	73·6	57·8	0·19	0·0	Unsettled and variable, with occasional rain.
17	0	68·2				1·0	
17	6	61·7				1·0	
17	12	59·7	—	—		1·0	Unsettled and variable.
17	18	60·7				0·8	
18	0	72·8				0·4	
18	6	65·8				0·2	
Sunday.							
19	12	—	78·8	49·4	0·04	—	Squally and unsettled ; light showers at times.
19	18	52·0				—	
20	0	62·0	65·7	46·0		0·8	Fine ; the aurora visible.
20	6	61·8				0·4	
20	12	47·8				0·0	
20	18	50·4	74·0	46·5		0·1	Fine and settled, with cum. and cir.-cum.
21	0	69·9				0·5	
21	6	60·2				0·6	
21	12	51·0	74·8	58·3		0·0	Fine and settled, with much haze.
21	18	51·0				0·0	
22	0	73·5				0·6	
22	6	66·0	72·8	49·5		0·4	Gloomy and oppressive ; occasional thunder.
22	12	59·4				0·7	
22	18	66·0				0·2	
23	0	66·2	—	—		0·6	Overcast and gloomy.
23	6	61·4				0·0	
23	12	53·0				0·5	
23	18	52·0				1·0	
24	0	65·0				1·0	
24	6	64·0				1·0	
Christmas Day.							
Sunday.							
26	12	57·0	71·4	52·6		1·0	Overcast and gloomy, with close oppressive atmosphere.
26	18	58·0				0·9	
27	0	75·4	79·8	62·8		1·0	Sultry and oppressive, with a hot wind and thick haze.
27	6	65·7				1·0	
27	12	67·8				1·0	
27	18	68·0	89·0	53·5		0·3	Fine ; hazy, with cir. and cir.-cum.
28	0	84·0				0·3	
28	6	77·8				0·5	
28	12	57·4	78·4	54·6		0·2	Generally fine ; a little light rain in the evening.
28	18	56·8				0·3	
29	0	71·0				1·0	
29	6	64·8	69·6	56·7		0·8	Light rain at commencement, terminating in fine weather.
29	12	57·0				1·0	
29	18	56·0				1·0	
30	0	65·5	80·8	63·5		0·6	Fine clear settled weather.
30	6	59·7				1·0	
30	12	58·6				1·0	
30	18	59·0				0·8	
31	0	77·9				0·5	
31	6	71·0				0·6	
31	12	65·0				0·8	
31	18	67·3				0·0	

VAN DIEMEN ISLAND, 1848.

MAGNETICAL OBSERVATIONS.

DECLINATION.													
Angular Value of one Scale Division of the Declinometer = 0'.71. Increasing Numbers denote increasing Easterly Declination.													
Mean Göttingen Time. } }	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
JANUARY.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
	1	81.8	82.1	81.9	—	—	—	—	—	—	—	—	
	2	—	—	—	82.2	82.0	81.7	80.4	79.2	75.7	73.8	72.1	67.0
	3	83.6	82.4	82.4	82.5	—	80.8	80.0	78.2	75.5	76.0	70.8	70.3
	4	81.1	81.0	79.0	78.4	71.0	77.8	79.5	74.5	73.0	71.6	67.0	68.2
	5	84.1	82.2	82.0	81.3	80.9	81.0	80.7	79.3	—	73.0	69.8	68.8
	6	82.8	82.0	81.0	81.2	79.8	80.2	77.0	75.8	76.4	73.3	67.9	66.0
	7	83.0	75.4	72.1	76.0	75.9	78.6	78.6	79.3	76.8	75.8	69.8	64.8
	8	82.9	82.0	81.6	—	—	—	—	—	—	—	—	—
	9	—	—	—	81.1	81.5	81.8	80.8	80.6	78.7	75.6	71.5	69.4
	10	83.0	80.0	79.8	78.2	—	76.8	78.6	78.2	76.0	75.2	69.0	65.8
	11	81.9	82.1	82.0	82.2	81.2	81.3	80.2	79.0	76.0	73.0	67.0	61.0
	12	74.5	76.5	77.8	70.2	61.2	72.1	76.0	74.3	89.7	77.5	71.4	70.4
	13	83.2	84.9	74.2	74.1	75.9	79.3	79.2	78.0	—	84.8	89.0	80.8
	14	82.0	80.8	80.0	81.2	81.0	81.0	80.6	80.5	79.0	76.6	77.8	70.8
	15	84.9	82.6	80.0	—	—	—	—	—	—	—	—	—
	16	—	—	—	—	72.0	76.6	69.6	75.6	75.0	74.2	69.2	67.8
	17	82.0	77.2	82.4	82.9	—	82.2	81.6	80.4	78.0	76.0	73.9	72.2
	18	83.8	82.5	82.3	80.8	80.8	80.8	80.4	81.3	76.0	74.4	72.2	71.6
	19	84.8	83.7	83.5	83.5	83.0	74.7	73.6	77.6	77.4	76.8	76.7	76.6
	20	82.5	83.6	83.0	86.7	80.0	87.2	80.2	77.5	76.5	76.5	73.0	72.0
	21	83.5	83.2	83.0	82.6	82.0	81.2	83.3	81.8	—	76.0	74.9	73.0
	22	82.0	81.0	81.2	—	—	—	—	—	—	—	—	—
	23	—	—	—	80.8	81.0	81.3	82.0	89.0	76.2	74.1	74.5	75.0
	24	63.7	72.3	70.5	71.0	—	74.7	83.5	73.5	71.5	69.5	68.3	67.7
	25	82.0	82.0	81.0	82.5	82.3	84.2	85.0	81.2	76.2	80.0	70.0	68.8
	26	82.2	82.0	77.4	78.6	—	80.0	80.2	81.7	80.0	76.0	71.0	67.7
	27	80.8	80.7	82.6	84.8	—	89.1	83.0	81.2	79.8	76.8	73.5	70.1
	28	84.7	84.0	83.0	82.5	82.0	83.4	78.6	76.8	77.0	73.2	66.6	62.4
	29	91.3	76.1	85.3	—	—	—	—	—	—	—	—	—
	30	—	—	—	71.5	71.4	71.8	71.8	73.0	76.2	71.2	69.4	67.5
31	84.8	84.1	79.0	83.0	—	81.8	81.3	80.8	79.0	77.6	75.0	72.8	
Hourly Means	82.19	81.01	80.31	79.99	78.42	80.05	79.42	78.78	77.03	75.33	71.97	69.56	
FEBRUARY.	1	83.7	82.9	82.7	82.2	82.0	81.6	81.0	80.0	78.8	77.0	74.2	72.0
	2	83.8	75.0	81.7	81.8	81.2	81.0	81.0	79.8	79.1	76.3	73.3	69.2
	3	81.5	82.3	82.1	81.2	81.0	81.6	81.9	81.5	80.0	76.3	72.8	70.4
	4	81.9	80.2	81.0	82.0	—	82.0	82.4	82.6	—	78.3	73.6	70.0
	5	83.2	82.8	82.8	—	—	—	—	—	—	—	—	—
	6	—	—	—	—	78.1	79.3	79.5	79.1	78.0	73.8	70.3	65.5
	7	84.3	83.8	82.8	82.7	82.4	82.4	82.2	82.8	89.0	77.2	74.8	68.6
	8	81.8	74.8	78.8	80.8	82.1	88.5	80.4	81.0	82.7	81.9	74.7	67.6
	9	78.3	79.3	79.2	80.8	84.5	83.9	85.4	81.9	80.0	79.6	74.3	71.5
	10	82.8	82.0	81.8	80.7	81.6	82.0	83.4	84.2	80.6	77.7	74.2	74.2
	11	81.8	77.6	80.2	82.0	81.7	81.6	80.8	80.0	—	77.6	74.3	74.5
	12	83.8	83.1	76.4	—	—	—	—	—	—	—	—	—
	13	—	—	—	77.4	77.8	78.0	81.8	84.6	78.8	75.3	74.2	72.8
	14	84.0	83.0	82.7	82.2	—	80.0	79.3	80.2	78.8	77.1	75.4	78.4
	15	83.5	84.0	75.8	79.0	82.3	81.4	81.7	82.7	79.2	78.6	73.8	72.0
	16	82.1	82.0	82.0	82.7	82.5	83.0	83.0	82.5	81.3	79.2	74.8	70.0
	17	81.0	81.2	82.0	82.7	83.0	83.8	83.1	86.1	83.0	78.5	74.3	71.9
	18	83.0	82.8	82.2	81.0	81.7	81.7	81.7	81.4	—	78.8	75.0	70.8
	19	82.9	82.8	81.5	—	—	—	—	—	—	—	—	—
	20	—	—	—	78.3	79.2	80.8	82.5	82.4	78.2	79.4	90.5	79.5
	21	75.5	65.0	53.8	76.3	80.7	80.9	76.7	77.0	74.0	69.0	73.2	75.9
	22	89.0	83.3	82.0	82.7	—	82.5	82.2	77.0	77.0	77.1	76.7	67.9
	23	80.0	80.3	82.4	81.0	—	86.6	87.8	83.4	79.1	76.0	75.8	74.3
	24	81.5	70.0	73.0	79.0	73.1	79.6	80.0	79.4	76.0	71.7	77.0	78.0
	25	82.6	74.8	76.9	80.8	81.0	81.0	81.8	82.2	80.3	77.0	72.7	71.0
	26	83.8	83.7	82.0	—	—	—	—	—	—	—	—	—
	27	—	—	—	79.2	80.7	80.0	80.4	79.9	79.2	78.3	74.8	71.3
	28	85.9	76.9	81.5	82.8	84.9	81.8	80.2	79.3	85.3	82.0	77.8	73.3
	29	84.1	83.2	82.8	82.2	82.5	82.3	81.8	81.8	80.8	79.2	76.8	74.1
Hourly Means	82.63	79.87	79.60	80.90	81.14	81.89	81.68	81.31	79.96	77.32	75.17	72.19	

DECLINATION.

Angular Value of one Scale Division of the Declinometer = 0'71. Increasing Numbers denote increasing Easterly Declination.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
69.8	77.0	79.3	85.8	90.7	92.8	90.8	88.2	85.8	85.4	84.7	84.2	81.43
66.6	74.6	82.6	89.2	92.0	93.9	92.1	90.5	82.6	84.8	80.8	76.6	81.25
72.0	78.8	82.7	88.9	94.3	94.9	91.2	88.6	86.2	84.2	84.0	82.8	80.45
71.7	77.7	83.5	91.3	95.8	98.0	94.8	91.3	87.2	85.2	84.2	84.8	82.98
67.0	71.3	81.0	88.0	95.0	96.3	94.9	91.7	89.2	86.2	83.3	82.8	81.25
66.3	72.1	81.4	89.6	94.5	96.4	95.2	91.7	86.7	84.0	83.1	82.1	80.38
71.8	77.7	86.7	93.3	96.9	93.9	91.6	89.2	87.3	85.0	82.7	81.0	82.69
65.8	72.5	78.3	88.9	92.4	92.9	90.1	87.5	86.4	83.9	83.6	82.3	80.23
70.1	73.1	83.2	93.1	96.0	95.3	87.7	85.8	85.8	78.4	78.3	77.5	80.88
71.9	74.8	80.2	84.4	84.5	87.5	87.2	83.9	86.0	83.9	82.3	83.3	78.40
74.0	72.7	77.1	82.1	85.7	86.8	88.1	86.2	84.2	83.1	82.1	83.3	81.25
65.2	70.9	79.8	87.5	94.0	94.2	91.9	88.2	87.0	87.3	85.7	83.8	81.95
70.8	66.3	80.3	83.4	89.3	92.5	88.3	82.2	83.8	81.2	81.6	81.7	78.65
74.3	75.0	80.0	83.0	88.0	86.9	84.2	83.0	82.7	83.4	83.3	83.2	80.69
71.5	82.4	80.5	85.0	88.9	90.1	86.9	85.7	84.0	85.0	85.4	84.6	81.54
76.0	76.9	81.3	83.7	88.0	88.0	86.8	83.8	83.0	81.7	82.3	81.4	81.24
80.4	86.6	92.3	97.0	95.6	91.0	87.0	85.5	84.2	83.4	82.7	82.7	83.67
76.0	79.6	83.9	88.2	93.2	94.0	89.1	85.7	83.3	82.3	82.7	82.0	82.80
69.5	69.5	71.9	79.9	87.4	89.7	89.0	89.0	84.0	79.0	78.2	79.0	80.17
72.8	79.8	85.8	90.8	95.2	96.0	93.3	87.8	84.2	84.7	83.7	83.4	79.29
67.0	68.8	73.5	78.8	84.1	86.6	87.2	86.7	85.2	85.0	83.6	81.1	80.12
63.6	70.2	80.5	88.9	97.0	97.2	93.2	89.2	85.0	82.7	82.2	81.7	80.23
71.0	74.0	77.2	80.0	83.0	85.0	81.8	85.2	86.6	81.2	83.4	81.3	80.53
60.0	78.6	79.3	92.5	89.6	86.3	97.2	102.5	95.4	89.2	81.3	81.2	81.97
73.3	76.3	80.5	86.5	92.2	96.0	95.7	91.3	86.0	86.7	84.2	85.3	80.44
75.0	77.9	82.1	86.0	89.5	90.5	89.3	86.7	84.8	81.8	82.8	83.3	82.13
70.12	74.96	80.74	86.97	91.32	92.20	90.33	88.02	85.69	83.83	82.80	82.17	81.04
72.7	75.7	82.0	86.1	91.2	95.0	92.8	89.8	86.8	85.9	82.7	81.3	82.50
74.0	77.2	81.4	87.2	91.7	93.8	91.8	89.0	85.2	83.7	82.7	83.0	81.83
70.8	75.9	80.0	88.0	96.4	99.2	96.4	91.5	87.9	84.3	81.5	81.5	82.75
69.7	74.0	80.3	87.0	92.8	95.0	92.9	89.2	86.2	84.2	83.6	83.0	82.36
66.4	69.0	78.5	86.0	92.0	98.1	99.0	98.0	97.4	84.6	77.0	84.6	81.87
74.6	71.8	75.6	85.2	94.7	95.6	92.6	88.8	85.0	83.0	82.6	80.2	82.61
69.3	70.5	72.0	85.0	89.1	95.0	96.0	92.7	89.3	84.2	81.7	81.7	81.73
72.6	72.5	77.0	84.3	90.7	93.8	91.2	85.8	83.1	83.2	83.4	82.7	81.62
74.2	77.8	82.1	86.5	89.2	89.8	88.6	86.2	84.8	83.8	83.8	83.0	82.29
73.2	75.0	79.0	85.0	88.5	90.0	90.0	88.0	86.5	85.1	84.8	84.6	81.82
74.9	77.1	81.0	87.2	95.0	97.8	95.8	92.2	86.8	85.0	85.0	84.3	82.75
73.8	74.2	80.8	88.0	94.0	99.2	100.7	98.5	95.0	92.3	85.2	85.2	84.67
71.4	74.1	79.4	86.0	89.3	92.0	91.8	89.2	86.2	83.3	83.0	82.1	81.74
69.8	72.2	76.6	83.4	90.6	94.0	94.0	90.8	86.5	83.3	83.2	83.2	82.20
71.0	73.7	78.8	87.5	94.0	96.8	96.0	92.5	88.3	85.0	83.2	83.2	83.36
69.0	73.3	81.0	90.0	97.4	100.8	98.2	94.7	91.0	88.0	84.9	80.4	83.86
69.0	85.0	88.0	89.0	94.5	95.0	93.3	92.6	88.0	87.2	87.3	86.2	84.71
68.8	73.0	63.5	90.6	104.0	98.9	101.3	93.7	87.5	86.6	87.3	88.3	80.06
71.2	71.5	84.5	88.3	89.0	93.5	94.1	92.0	87.8	85.5	85.9	84.2	82.82
71.4	75.9	79.2	86.0	92.1	93.5	96.3	104.4	98.9	94.7	91.0	84.8	84.99
74.0	75.5	83.1	86.2	88.2	88.4	88.3	88.4	90.6	81.2	63.2	82.7	79.50
68.5	69.3	73.3	78.9	82.7	86.1	87.8	87.5	86.7	85.7	84.9	84.1	79.90
71.2	73.8	78.1	83.9	89.9	92.7	93.0	90.9	89.1	85.3	87.1	86.4	82.28
74.1	75.4	81.0	87.8	93.0	94.8	93.8	91.2	90.6	88.0	84.8	86.2	83.85
73.2	72.6	77.2	82.4	87.6	89.0	90.0	90.4	87.8	84.8	84.7	84.3	82.32
71.55	74.24	78.94	86.22	91.90	94.31	93.83	91.52	88.52	85.52	83.30	83.65	82.40

DECLINATION.												
Angular Value of one Scale Division of the Declinometer = 0'71. Increasing Numbers denote increasing Easterly Declination.												
Mean Göttingen Time. } 0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
MARCH.	Sc. Div. 84'2	Sc. Div. 83'4	Sc. Div. 83'0	Sc. Div. 84'1	Sc. Div. 83'1	Sc. Div. 81'2	Sc. Div. 81'5	Sc. Div. 81'8	Sc. Div. 81'6	Sc. Div. 81'2	Sc. Div. 76'4	Sc. Div. 74'8
	83'6	83'3	82'9	82'7	—	82'3	81'7	82'0	81'0	80'5	77'6	74'5
	84'5	84'0	83'4	82'5	81'2	80'3	81'0	81'3	—	80'5	77'8	75'3
	83'8	83'3	81'8	—	—	—	—	—	—	—	—	—
	—	—	—	81'8	82'2	82'6	82'2	85'6	81'9	79'7	77'0	78'3
	82'5	81'3	81'2	80'2	—	83'0	82'1	81'7	85'0	86'4	81'2	77'2
	82'5	83'0	82'2	81'5	81'1	82'3	82'3	81'9	80'0	78'9	75'0	71'7
	80'0	73'0	77'1	82'0	79'6	81'2	75'5	80'7	83'0	83'8	79'8	73'5
	83'5	82'3	81'8	81'7	82'8	82'6	83'0	83'0	82'5	80'8	78'9	74'7
	83'8	83'2	82'8	82'2	82'2	82'2	82'2	81'8	81'4	80'0	76'5	73'7
	84'0	83'7	83'0	—	—	—	—	—	—	—	—	—
	—	—	—	82'8	82'8	82'2	82'2	81'7	81'1	79'2	75'3	72'8
	83'8	83'5	83'3	83'0	82'3	82'1	83'8	82'9	—	81'0	77'9	74'8
	85'1	80'8	78'9	78'6	79'8	81'0	81'8	82'6	81'0	80'8	80'3	75'8
	83'7	82'8	79'8	75'2	73'7	74'0	72'3	73'7	74'1	75'4	75'2	81'0
	86'1	84'3	83'2	82'8	79'7	78'9	80'5	79'2	79'0	78'6	75'4	75'3
	75'4	76'2	75'2	72'0	74'0	78'0	79'2	81'7	78'8	80'2	81'7	83'0
	81'7	82'5	80'2	—	—	—	—	—	—	—	—	—
	—	—	—	72'1	64'9	64'3	76'0	78'4	82'6	86'0	84'4	87'3
	81'8	83'1	83'0	68'7	68'0	69'6	70'2	68'6	72'3	80'2	87'8	90'0
	77'9	79'9	78'2	78'9	80'0	80'0	80'0	80'0	—	80'2	77'2	73'9
	84'1	83'3	82'8	82'5	82'8	82'8	82'8	81'2	81'6	82'4	80'8	78'8
	84'0	83'7	83'2	80'0	81'5	81'3	82'2	82'0	83'0	79'5	77'9	75'3
	74'9	74'0	77'4	77'1	—	80'2	80'0	78'9	78'8	78'6	74'4	75'0
	84'3	83'2	76'8	—	—	—	—	—	—	—	—	—
	—	—	—	72'0	74'8	77'4	78'0	78'6	87'0	79'2	76'0	73'7
	82'4	81'2	82'8	85'4	84'0	82'0	81'2	83'2	83'2	83'2	77'3	75'6
	83'8	83'0	81'8	81'1	81'6	82'4	82'6	80'5	80'0	79'4	78'0	74'8
	84'2	83'1	83'0	82'3	82'2	82'5	82'8	82'0	81'8	81'8	80'9	78'2
	83'8	83'2	82'0	81'8	81'5	81'5	81'7	81'8	80'8	79'0	77'1	76'8
	75'2	74'0	87'0	75'0	80'1	83'5	88'8	81'1	80'8	79'0	78'2	77'3
Hourly Means	82'39	81'57	81'40	79'63	79'41	80'06	80'65	80'66	80'93	80'57	78'37	76'78
APRIL.	81'2	81'1	79'2	—	—	—	—	—	—	—	—	—
	70'0	70'2	69'8	71'8	68'5	75'0	83'0	75'0	77'3	84'1	82'4	75'3
	81'8	78'0	76'8	68'5	74'9	78'0	84'4	79'1	79'8	82'3	86'2	84'0
	79'7	78'8	79'2	80'2	—	84'8	82'2	80'6	80'2	79'6	79'4	75'3
	79'4	80'7	78'8	80'0	81'2	81'5	81'8	84'2	81'6	80'9	83'5	77'6
	99'7	65'8	53'9	75'3	78'4	82'0	83'4	83'1	82'6	81'3	78'0	75'0
	82'1	81'7	82'2	66'3	78'8	84'0	86'6	88'8	78'3	78'8	76'0	73'7
	—	—	—	—	—	—	—	—	—	—	—	—
	83'6	82'3	82'1	81'6	82'4	82'0	81'9	82'3	82'0	81'6	80'5	78'3
	83'2	79'8	80'0	82'2	82'0	82'0	82'0	82'0	81'8	79'8	79'5	77'7
	83'9	83'0	82'8	80'8	81'0	81'8	82'1	81'8	81'6	81'2	80'2	79'0
	83'4	83'0	82'8	82'3	—	82'0	81'8	82'0	82'0	81'2	80'0	77'6
	82'9	82'2	80'9	82'0	83'0	83'0	83'0	82'2	82'0	81'4	80'3	78'3
	83'5	82'8	79'8	—	—	—	—	—	—	—	—	—
	—	—	—	81'2	81'2	81'0	82'2	81'8	79'8	79'5	81'5	78'0
	83'0	82'8	82'8	82'8	82'8	82'1	82'0	82'7	97'8	86'2	84'8	86'8
	82'5	82'2	82'8	83'0	82'6	82'4	82'3	82'2	—	81'2	81'0	79'0
	79'7	81'2	81'0	82'1	82'2	82'2	82'2	82'2	—	81'8	80'0	78'4
	81'9	82'8	82'4	—	—	—	—	—	—	—	—	—
	—	—	—	82'1	85'4	80'1	72'1	77'7	78'0	78'8	79'7	78'7
	83'0	79'0	—	—	—	—	—	—	—	—	—	—
	—	—	—	81'2	83'3	82'9	80'8	83'5	82'1	80'9	79'0	78'7
	80'0	79'0	79'7	80'3	—	81'2	81'9	82'4	81'7	81'2	80'5	79'0
	81'8	82'0	82'2	82'8	82'8	82'6	82'4	82'9	—	81'3	80'0	78'0
	81'8	82'7	82'4	82'3	82'3	82'3	82'2	81'9	81'8	81'3	80'7	78'8
	82'0	82'7	82'3	82'3	82'2	82'5	82'2	82'0	—	81'7	80'2	77'8
	82'9	82'9	82'7	82'4	82'6	82'6	83'5	82'2	81'3	82'0	79'2	77'8
	81'3	78'8	82'0	—	—	—	—	—	—	—	—	—
	—	—	—	80'7	80'0	82'5	86'1	83'1	83'5	84'2	86'0	85'0
	Hourly Means	82'26	80'23	79'50	79'75	80'92	81'77	82'31	82'07	81'85	81'41	80'77

* Good Friday.

DECLINATION.												
Angular Value of one Scale Division of the Declinometer = 0' 71. Increasing Numbers denote increasing Easterly Declination.												
12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div. 73.4	Sc. Div. 75.0	Sc. Div. 76.2	Sc. Div. 83.3	Sc. Div. 87.9	Sc. Div. 89.8	Sc. Div. 89.7	Sc. Div. 88.2	Sc. Div. 86.8	Sc. Div. 85.7	Sc. Div. 85.2	Sc. Div. 84.4	Sc. Div. 82.58
73.6	75.6	80.6	85.5	90.2	91.7	90.9	88.8	86.5	86.1	85.5	84.8	83.13
72.9	75.8	80.0	84.0	87.8	89.5	88.8	86.7	86.5	85.7	85.9	85.6	82.65
—	—	—	—	—	—	—	—	—	—	—	—	—
77.5	76.7	81.2	87.8	92.3	92.8	91.7	88.2	84.8	83.4	84.0	83.2	83.49
76.6	75.7	80.2	88.2	92.1	94.9	93.0	89.8	85.7	83.2	82.5	79.6	83.62
73.3	75.2	78.8	85.3	89.7	92.1	91.9	88.8	84.7	82.2	82.7	80.0	81.96
71.3	72.8	80.6	86.3	90.7	93.5	92.9	90.8	86.8	85.4	85.2	84.6	82.09
71.7	74.4	79.8	85.6	90.7	93.0	93.0	90.2	87.5	85.3	85.0	84.3	83.25
72.9	75.3	81.2	86.9	91.4	93.7	92.5	90.3	86.7	85.2	84.4	84.1	83.19
—	—	—	—	—	—	—	—	—	—	—	—	—
71.8	74.3	80.0	86.8	90.8	94.2	93.2	90.2	87.7	85.9	85.2	84.5	83.14
74.0	75.8	80.3	84.8	88.8	91.0	92.0	90.0	87.8	86.9	86.1	85.4	83.53
73.1	77.2	81.1	87.6	93.5	98.8	98.8	99.2	93.4	87.2	86.8	86.6	84.57
74.9	77.4	80.7	84.8	87.8	89.2	93.3	92.0	89.2	88.2	88.1	87.5	81.42
73.2	75.2	80.8	86.8	93.8	95.8	99.2	94.3	93.1	87.6	87.5	73.9	83.51
79.1	75.9	80.6	85.5	89.7	90.2	89.0	86.2	84.7	84.5	84.7	84.0	81.23
—	—	—	—	—	—	—	—	—	—	—	—	—
79.8	83.0	86.8	89.5	89.0	88.0	88.8	88.5	93.8	95.4	93.0	85.8	83.41
80.4	84.8	85.1	87.3	85.5	87.8	89.7	89.2	84.2	82.0	84.2	79.0	80.94
76.8	78.2	81.2	85.0	87.7	89.0	89.8	89.0	88.0	86.3	86.2	84.8	82.10
74.3	75.8	81.1	86.6	90.2	91.8	91.3	89.7	86.8	86.1	85.0	84.8	83.72
73.5	76.0	79.8	85.9	90.7	91.8	92.1	90.3	88.4	85.6	86.9	83.8	83.27
75.5	78.0	81.0	87.2	92.3	95.1	95.0	91.0	87.1	87.0	88.0	87.9	82.36
—	—	—	—	—	—	—	—	—	—	—	—	—
74.2	75.2	80.3	83.8	88.0	89.4	89.8	86.8	85.6	80.2	81.2	82.2	80.74
77.4	80.8	81.8	86.8	90.8	92.5	93.5	93.0	83.6	86.7	86.5	85.0	84.16
73.0	75.4	78.9	84.1	90.0	92.6	93.3	91.5	89.0	87.2	85.8	84.8	83.11
76.0	75.8	79.5	85.5	88.8	86.8	91.0	89.7	86.8	85.8	85.2	81.8	83.23
76.0	78.3	81.8	85.8	89.4	91.3	92.2	90.5	87.8	74.0	82.0	74.3	82.27
81.0	77.7	80.1	85.0	89.7	91.8	92.4	89.9	85.2	79.6	83.5	83.6	82.48
75.08	76.71	80.72	85.99	89.97	91.78	92.18	90.10	87.34	85.13	85.42	83.34	82.78
—	—	—	—	—	—	—	—	—	—	—	—	—
75.2	78.1	82.5	86.3	89.8	88.0	86.7	84.8	83.3	81.0	78.3	77.5	80.22
81.2	80.7	83.5	86.2	88.9	82.6	88.1	86.4	84.2	85.0	83.7	82.7	80.85
74.4	74.5	79.7	85.7	90.0	91.2	90.8	87.8	85.2	83.9	83.7	82.2	82.08
73.7	76.5	82.0	86.0	91.8	95.1	105.0	90.9	88.8	87.3	84.7	79.3	83.80
73.6	73.8	82.5	88.5	93.5	104.2	100.8	98.8	86.8	101.5	83.7	82.1	84.49
73.4	76.0	80.2	84.5	89.8	91.2	93.2	90.4	86.4	84.0	84.8	75.4	80.83
—	—	—	—	—	—	—	—	—	—	—	—	—
75.8	77.3	79.8	83.8	87.9	91.7	90.0	89.7	87.0	86.3	85.2	84.1	83.29
76.7	78.1	82.0	86.5	90.8	92.2	90.0	87.3	86.5	85.2	84.7	84.0	83.35
77.5	78.8	82.4	85.8	87.8	89.0	89.2	87.5	85.7	85.5	84.8	84.5	83.28
76.8	78.7	81.6	85.0	87.4	89.9	89.0	87.3	85.8	85.7	84.8	84.0	83.08
75.8	76.7	79.2	82.6	86.2	88.7	88.8	88.7	86.8	85.8	85.2	84.8	82.93
75.4	75.5	79.8	84.8	87.7	90.0	90.0	88.0	86.5	86.0	85.2	84.3	83.10
—	—	—	—	—	—	—	—	—	—	—	—	—
76.3	77.2	81.3	87.2	90.5	90.7	90.6	88.5	85.7	84.2	84.2	83.8	83.02
81.9	80.6	83.4	86.5	88.5	89.0	91.0	89.8	87.0	84.0	83.5	82.8	85.19
77.3	78.0	81.8	85.8	88.6	89.7	89.4	87.8	85.5	84.8	84.7	83.5	83.40
77.9	79.7	83.0	85.2	87.8	89.1	88.1	87.0	85.8	84.8	83.8	82.7	82.95
—	—	—	—	—	—	—	—	—	—	—	—	—
77.5	78.5	81.2	85.0	88.9	92.1	94.8	98.7	93.8	98.8	84.6	84.8	84.10
—	—	—	—	—	—	—	—	—	—	—	—	—
76.4	78.3	80.8	85.0	87.7	88.7	87.8	86.7	85.3	85.0	83.0	83.2	82.71
77.3	75.8	78.1	84.1	89.1	89.9	89.3	87.8	85.8	84.6	84.2	82.4	82.40
76.6	76.3	78.9	83.3	88.2	89.4	88.8	87.3	84.9	84.4	84.0	83.2	82.79
76.7	77.2	80.2	84.3	88.0	88.3	87.7	86.3	85.5	84.7	84.4	84.3	82.83
76.2	77.8	82.8	86.8	88.5	89.0	88.2	86.5	85.7	84.3	83.8	83.2	83.07
78.0	78.1	81.3	84.8	88.8	91.2	93.4	89.2	92.6	87.0	81.8	79.2	83.65
—	—	—	—	—	—	—	—	—	—	—	—	—
83.0	80.2	79.8	83.2	86.3	90.5	82.7	87.6	89.1	77.5	81.5	82.6	83.22
76.86	77.60	81.16	85.28	88.85	90.47	90.56	88.78	86.65	85.89	83.85	82.52	82.94

DECLINATION.													
Angular Value of one Scale Division of the Declinometer = 0".71. Increasing Numbers denote increasing Easterly Declination.													
Mean Göttingen Time.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
MAY.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
	1	81.8	80.7	81.1	82.2	—	82.9	80.0	83.7	84.3	82.2	83.2	81.4
	2	82.0	83.6	82.0	81.7	—	82.8	83.6	83.8	83.7	83.5	81.8	81.8
	3	80.9	81.7	78.3	76.8	82.5	82.0	79.7	81.5	81.8	82.0	82.3	81.2
	4	82.8	82.2	82.2	81.0	—	81.5	81.6	81.8	81.9	80.2	81.1	80.0
	5	83.0	82.2	82.0	81.9	83.0	83.2	83.0	83.0	83.1	80.5	80.0	79.9
	6	82.8	72.0	80.8	—	—	—	—	—	—	—	—	—
	7	—	—	—	81.8	82.0	82.6	82.9	82.8	82.0	82.0	81.0	81.1
	8	77.2	76.8	78.2	82.8	73.2	76.7	78.4	77.8	83.5	82.0	82.8	83.3
	9	82.2	81.9	84.3	79.2	81.6	82.8	82.0	89.3	85.4	81.7	82.8	78.4
	10	62.0	64.3	64.0	72.8	84.2	82.5	81.9	84.1	—	81.9	81.8	81.9
	11	81.2	80.8	80.2	81.2	82.5	82.8	82.3	82.3	82.8	81.9	81.7	79.9
	12	83.1	83.0	83.0	83.0	83.6	83.3	84.0	83.9	82.2	81.0	86.5	81.8
	13	82.7	82.7	82.3	—	—	—	—	—	—	—	—	—
	14	—	—	—	83.1	83.5	83.7	83.7	83.2	83.1	82.9	81.8	80.0
	15	83.0	82.2	82.8	82.5	83.3	83.6	83.3	83.0	83.0	82.5	82.2	80.7
	16	83.2	82.1	83.3	83.1	83.3	82.4	82.0	81.8	82.0	82.8	80.8	81.1
	17	83.8	83.3	83.0	82.7	78.8	82.2	85.3	76.8	83.6	83.2	80.9	82.0
	18	77.5	74.2	78.8	81.8	83.9	83.3	83.8	91.5	82.6	82.0	81.8	81.0
	19	82.9	82.0	81.4	77.7	80.3	81.0	82.0	82.8	83.3	84.0	82.5	81.8
	20	77.9	78.5	80.0	—	—	—	—	—	—	—	—	—
	21	—	—	—	82.1	82.8	83.5	84.1	83.6	83.6	83.6	82.3	83.6
	22	81.8	82.0	82.2	81.7	79.2	82.0	83.6	83.6	83.0	82.2	82.7	80.5
	23	82.3	82.6	82.3	82.5	—	83.0	83.2	83.5	82.2	83.1	82.3	80.7
	24	82.9	82.9	79.1	72.3	79.2	80.0	83.8	82.2	82.4	82.0	81.6	81.0
	25	82.1	85.1	79.8	82.0	83.5	83.5	83.8	83.5	84.0	85.2	84.8	83.1
	26	82.8	82.5	82.5	82.7	83.1	83.5	83.6	83.8	83.8	83.5	84.0	82.6
	27	82.1	80.8	68.8	—	—	—	—	—	—	—	—	—
	28	—	—	—	80.2	81.8	82.2	83.5	85.8	84.7	84.7	84.2	86.5
	29	78.5	82.3	82.0	81.8	81.8	83.5	84.2	83.8	83.0	82.8	82.8	82.5
	30	83.3	83.2	82.8	83.1	83.4	83.6	83.7	84.1	83.7	83.1	83.2	81.6
31	82.5	80.2	81.1	79.0	—	82.0	83.6	83.8	83.2	83.2	83.0	83.0	
Hourly Means	81.05	80.58	80.31	80.84	81.84	82.45	82.84	83.36	83.15	82.58	82.44	81.57	
JUNE.	1	82.0	82.4	82.0	81.4	79.6	80.2	82.2	83.2	83.1	83.0	82.9	81.5
	2	83.2	83.2	83.1	81.8	82.9	83.4	83.8	83.7	83.8	82.6	82.8	82.2
	3	82.9	82.8	82.3	—	—	—	—	—	—	—	—	—
	4	—	—	—	78.8	76.3	79.5	80.0	83.1	82.2	82.1	81.2	81.1
	5	80.3	81.8	79.0	81.0	83.3	83.2	84.0	83.1	83.0	83.6	83.8	82.6
	6	80.8	81.5	83.0	82.9	83.2	84.0	84.0	82.8	—	83.5	83.0	82.2
	7	83.2	83.2	82.8	82.9	83.5	83.2	83.4	83.7	83.7	83.7	82.8	81.6
	8	83.0	82.9	82.0	82.0	83.0	82.6	83.8	83.2	83.4	83.4	83.8	83.3
	9	83.7	83.4	82.5	82.2	82.6	82.9	83.0	83.2	—	83.3	82.8	83.3
	10	82.7	82.2	82.3	—	—	—	—	—	—	—	—	—
	11	—	—	—	82.2	83.4	83.6	84.1	83.8	83.6	83.6	82.9	82.6
	12	84.7	83.2	83.0	82.7	—	83.0	83.0	83.4	82.4	82.4	82.0	82.7
	13	83.4	82.8	82.8	82.8	83.0	83.1	82.8	83.0	82.5	82.5	82.1	81.8
	14	82.8	82.1	81.8	80.2	81.8	80.1	80.1	83.9	82.2	81.4	88.0	86.2
	15	80.8	77.0	81.0	77.8	81.2	82.8	86.0	85.8	83.9	84.0	83.6	82.1
	16	82.4	82.2	81.6	81.2	81.9	83.2	82.0	83.3	83.6	82.6	82.6	83.2
	17	82.8	82.8	82.4	—	—	—	—	—	—	—	—	—
	18	—	—	—	—	82.6	82.5	82.8	83.2	82.7	82.7	82.7	82.0
	19	82.3	82.2	82.6	83.1	—	84.0	84.0	84.3	—	84.5	83.0	82.2
	20	79.0	81.3	82.0	82.8	82.9	84.0	83.8	83.9	84.0	84.0	83.6	84.8
	21	82.5	82.6	73.9	79.1	81.4	83.2	86.6	83.9	82.9	83.8	90.6	86.3
	22	79.0	76.3	79.2	80.0	81.2	87.7	84.2	86.0	83.5	88.7	93.7	85.2
	23	82.5	79.6	81.0	81.5	82.2	84.1	84.7	83.0	83.2	83.8	83.6	82.8
	24	82.7	82.2	82.2	—	—	—	—	—	—	—	—	—
	25	—	—	—	81.0	82.8	83.1	83.5	84.3	—	83.1	84.0	83.6
	26	82.7	81.1	81.2	82.2	83.4	84.0	83.8	83.8	83.5	83.0	82.8	82.2
	27	83.1	82.9	82.6	81.1	82.3	81.0	83.3	83.8	83.1	83.1	82.9	82.8
	28	83.2	82.9	83.2	83.4	83.2	83.5	83.7	84.2	82.5	83.3	82.8	82.0
	29	82.9	83.1	83.0	83.1	83.3	83.8	83.9	83.3	83.0	82.8	83.0	82.3
	30	82.6	82.1	82.2	82.3	—	84.0	84.0	84.0	84.0	83.2	82.9	83.0
Hourly Means	82.35	81.92	81.72	81.58	82.22	83.07	83.48	83.73	83.17	83.37	83.86	82.91	

DECLINATION.												
Angular Value of One Scale Division of the Declinometer = 0' 71. Increasing Numbers denote increasing Easterly Declination.												
12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
81.6	79.6	80.7	79.3	84.7	86.3	88.7	85.7	83.0	82.0	83.0	82.2	82.62
79.3	78.4	81.0	84.9	89.0	90.3	90.0	88.8	86.0	85.5	84.2	83.3	83.96
80.2	79.4	80.0	82.7	85.0	86.7	87.3	86.2	84.9	84.2	62.6	85.0	81.45
78.8	78.4	79.9	84.3	87.0	88.7	89.5	89.8	89.8	92.0	84.8	83.8	83.61
79.5	81.2	82.8	84.8	89.0	89.7	88.0	86.8	86.0	85.2	84.0	83.0	83.53
—	—	—	—	—	—	—	—	—	—	—	—	—
80.0	79.0	80.7	82.3	86.0	90.6	89.0	88.2	81.2	86.7	86.7	88.2	83.02
83.6	83.5	84.8	86.8	88.0	90.8	91.3	88.8	88.3	84.2	80.0	82.5	82.72
78.2	77.9	81.0	83.7	86.8	87.6	87.9	86.0	85.3	85.6	85.8	84.0	83.39
79.1	78.8	80.7	83.5	89.2	90.3	90.8	90.4	87.2	86.8	84.7	80.3	81.01
77.5	78.2	81.2	85.6	88.2	89.8	88.2	87.0	85.0	84.2	84.0	83.6	83.00
79.0	80.0	81.4	87.3	90.6	91.1	90.9	87.6	85.3	84.6	83.9	83.4	84.31
—	—	—	—	—	—	—	—	—	—	—	—	—
77.3	77.7	79.1	83.3	87.5	88.5	88.2	86.2	85.0	84.2	84.0	83.0	83.20
78.7	79.0	80.0	84.0	88.2	89.2	88.7	87.1	85.8	85.1	84.8	84.1	83.62
78.0	79.2	80.9	83.8	88.8	89.7	99.8	87.1	85.0	84.3	84.2	84.1	83.45
83.2	83.8	83.2	86.0	89.8	91.8	100.8	95.0	91.0	95.3	84.5	83.1	85.55
82.5	73.8	87.0	85.4	83.8	84.5	84.7	85.4	83.8	84.2	—	82.8	82.61
81.0	80.5	80.3	81.9	85.2	85.2	86.8	85.2	85.8	86.4	76.2	72.4	82.02
—	—	—	—	—	—	—	—	—	—	—	—	—
82.5	83.5	85.2	85.2	87.2	88.7	88.7	82.8	84.4	84.0	83.4	79.2	83.35
79.3	80.6	82.5	85.0	86.8	88.0	87.5	86.0	84.7	84.4	83.4	83.2	83.16
79.3	80.0	80.4	82.8	86.0	87.8	87.7	86.3	84.9	84.2	83.0	82.8	83.17
80.5	89.4	86.0	85.0	87.2	87.6	87.1	86.0	84.1	82.9	84.1	82.8	83.00
82.0	81.9	84.0	87.4	90.3	89.5	87.3	89.3	85.0	84.3	83.8	83.2	84.52
81.1	81.3	81.8	84.3	87.0	88.4	88.5	86.8	88.8	90.4	84.1	82.7	84.32
—	—	—	—	—	—	—	—	—	—	—	—	—
81.6	80.7	81.9	84.8	86.3	87.2	88.3	87.0	84.3	83.8	84.7	83.8	83.32
81.5	81.8	84.0	84.8	86.2	86.5	86.8	86.2	82.8	84.9	84.0	83.8	83.43
80.0	79.2	80.0	82.1	84.8	87.1	87.4	87.3	85.0	84.2	84.6	83.9	83.52
82.3	80.9	81.0	83.4	89.2	88.7	92.0	88.2	85.3	84.2	83.2	82.7	83.73
80.28	80.28	81.91	84.24	87.33	88.53	88.96	87.30	85.47	85.47	82.91	82.85	83.28
80.0	78.4	78.8	80.8	83.9	85.7	87.1	85.4	85.0	85.0	84.3	83.3	82.55
81.2	79.7	80.4	83.5	85.7	87.6	88.1	86.5	85.1	84.8	84.0	83.2	83.60
—	—	—	—	—	—	—	—	—	—	—	—	—
80.0	78.6	80.8	82.8	85.0	86.5	88.8	86.9	85.9	84.3	84.0	76.0	82.16
80.2	79.0	80.0	81.8	86.4	90.8	90.0	88.0	86.8	85.6	84.2	83.8	83.55
81.2	79.8	80.4	83.0	86.1	87.7	88.0	86.0	84.3	84.0	84.0	83.5	83.43
80.6	79.8	79.8	81.8	84.8	86.8	87.8	86.2	85.3	84.2	83.5	83.2	83.40
82.2	80.6	80.0	82.0	85.2	88.0	88.4	87.0	85.1	84.8	84.3	84.1	83.67
81.9	81.1	81.1	84.0	86.7	88.2	89.2	88.2	87.2	85.2	84.4	82.6	84.03
—	—	—	—	—	—	—	—	—	—	—	—	—
82.2	80.7	80.8	82.1	85.3	88.6	88.0	86.4	85.4	84.9	84.9	83.4	83.74
82.1	81.7	81.9	83.5	86.4	87.8	87.2	85.8	84.8	85.2	85.2	84.5	83.85
80.6	80.2	81.2	83.2	84.9	87.2	88.0	88.8	88.0	85.2	84.6	83.6	83.67
84.2	80.4	81.0	85.0	86.8	88.5	90.0	89.4	84.0	85.3	84.8	83.1	83.88
81.8	80.8	82.1	83.4	85.8	87.7	88.2	86.8	85.2	83.8	84.2	83.6	83.31
81.2	81.4	81.7	83.7	85.3	86.1	86.2	85.7	84.1	83.4	83.2	83.0	83.12
—	—	—	—	—	—	—	—	—	—	—	—	—
81.8	80.3	80.8	83.2	86.8	89.3	88.7	85.9	84.7	84.2	83.5	82.9	83.53
81.2	82.0	82.4	85.8	89.3	90.2	89.8	87.5	85.7	85.0	84.7	81.3	84.41
82.3	83.0	84.6	84.0	86.0	87.7	87.5	85.9	84.2	83.8	83.5	83.2	83.82
81.5	82.2	80.4	83.1	86.2	87.8	86.8	86.1	85.8	87.2	83.8	84.3	83.83
80.8	81.0	81.2	86.0	87.0	86.8	90.7	87.3	81.1	84.0	84.6	82.5	84.07
82.0	81.8	80.9	81.2	85.9	86.4	87.8	85.6	85.6	86.5	84.9	83.9	83.52
—	—	—	—	—	—	—	—	—	—	—	—	—
84.2	81.5	82.5	84.8	87.3	87.7	88.3	86.8	84.2	85.0	84.1	83.8	84.03
80.5	80.0	80.5	83.3	87.4	88.6	88.4	85.9	84.5	84.0	83.6	83.2	83.48
80.7	80.1	80.7	83.1	86.4	87.0	87.2	86.3	84.8	83.9	83.8	83.5	83.31
80.1	80.0	80.3	84.7	87.1	90.7	91.4	88.8	86.1	85.2	83.9	83.2	84.14
80.7	79.8	80.0	82.8	86.2	90.3	92.1	90.8	89.1	—	85.4	84.3	84.30
81.2	79.2	78.6	81.5	85.9	87.2	87.4	86.0	84.8	87.7	85.8	89.2	83.86
81.40	80.50	80.88	83.23	86.15	87.96	88.50	86.92	85.28	84.89	84.28	83.32	83.62

DECLINATION.												
Angular Value of one Scale Division of the Declinometer = 0'.71. Increasing Numbers denote increasing Easterly Declination.												
Mean Göttingen Time.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.
JULY.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
	84.2	83.3	78.0	—	—	—	—	—	—	—	—	—
	—	—	—	82.8	83.3	83.9	84.0	84.2	83.8	83.2	82.2	82.8
	82.5	82.3	81.3	81.8	82.2	82.6	83.8	85.4	84.2	84.2	84.3	83.8
	82.6	81.6	81.0	80.0	81.0	81.0	84.8	83.5	83.3	83.6	82.1	81.5
	83.0	81.0	84.0	80.8	75.5	80.8	83.0	83.8	84.1	83.3	84.0	82.5
	83.0	82.8	82.6	82.8	83.3	83.5	83.8	83.7	83.0	83.0	82.8	82.5
	83.2	82.8	80.0	78.5	80.0	84.0	83.4	83.2	82.8	82.8	83.0	83.0
	83.5	82.2	81.0	—	—	—	—	—	—	—	—	—
	—	—	—	82.7	82.4	83.2	83.2	82.8	—	83.1	83.0	82.4
	82.2	82.6	82.3	82.0	82.0	81.3	82.0	81.2	81.4	81.8	82.8	84.0
	83.0	83.7	82.0	78.8	69.0	75.3	65.5	60.4	80.7	86.8	84.6	84.2
	82.2	80.3	79.2	78.5	77.7	78.0	74.2	79.3	80.0	85.0	86.5	84.5
	83.4	82.7	82.8	82.3	83.0	83.8	83.6	82.8	—	82.8	83.3	83.6
	85.3	83.0	77.0	69.2	69.9	72.3	79.6	78.1	80.6	83.2	82.6	81.7
	83.0	82.3	83.0	—	—	—	—	—	—	—	—	—
	—	—	—	83.1	82.8	84.0	85.0	84.7	84.7	85.3	84.0	84.2
	83.8	83.0	82.8	83.8	82.9	83.3	84.2	84.1	—	83.3	83.0	82.2
	83.3	83.1	83.2	82.6	83.1	83.2	83.7	84.8	—	83.7	83.7	83.0
	83.2	82.7	82.9	83.2	83.8	83.8	83.8	83.8	83.4	88.9	83.8	83.5
	80.2	79.0	82.0	82.0	82.9	84.0	83.8	83.7	83.8	83.2	82.8	81.7
	83.0	82.9	82.5	82.0	87.2	85.0	84.2	83.8	83.2	82.9	82.7	82.0
	83.4	83.4	82.6	—	—	—	—	—	—	—	—	—
	—	—	—	—	83.1	83.0	82.7	83.6	82.4	81.9	81.8	86.8
	80.6	73.3	79.0	81.7	83.8	82.0	81.2	83.0	86.0	83.0	81.5	81.2
	75.0	83.7	81.6	83.8	83.2	82.6	83.3	83.8	83.4	82.5	81.8	81.0
	83.1	82.3	82.1	82.5	82.8	83.0	83.4	83.1	83.2	83.0	83.0	81.4
	83.3	82.9	82.2	82.3	—	82.4	82.4	82.8	81.9	82.0	81.9	81.6
	83.8	83.0	83.0	83.0	83.4	83.8	83.8	83.8	83.4	83.0	82.5	80.6
	83.8	79.8	79.8	—	—	—	—	—	—	—	—	—
	—	—	—	83.0	83.0	83.2	83.2	83.2	83.0	83.0	82.2	82.2
83.2	82.9	83.0	83.2	83.1	83.5	83.7	83.2	83.0	83.0	82.3	80.8	
Hourly Means	82.72	82.02	81.57	81.46	81.38	82.17	82.28	82.30	82.97	83.52	83.01	82.64
AUGUST.	82.9	83.0	83.1	83.5	—	84.0	84.3	84.3	83.8	83.8	83.6	83.2
	82.9	82.2	82.1	82.6	83.3	83.3	83.9	83.8	83.5	83.3	83.0	82.6
	83.6	83.6	82.9	82.7	—	82.9	82.9	82.7	82.5	82.8	83.2	82.6
	82.9	82.5	81.3	81.1	81.4	80.6	81.4	83.7	83.6	83.6	83.2	82.7
	84.5	83.0	81.5	—	—	—	—	—	—	—	—	—
	—	—	—	81.8	81.8	81.5	80.3	79.2	81.7	82.2	83.2	83.0
	84.0	83.7	82.7	81.8	82.0	82.2	83.0	83.1	83.1	83.2	84.0	82.6
	84.8	83.3	82.3	83.5	80.8	81.6	78.6	76.8	80.0	81.0	83.4	84.3
	80.1	82.2	81.7	81.2	81.7	83.3	85.0	82.8	83.2	83.2	83.0	82.4
	83.2	82.8	82.3	83.0	83.1	83.4	84.1	83.7	—	83.8	83.8	81.9
	83.9	82.0	79.2	75.5	80.8	81.6	83.0	84.2	83.2	85.7	86.8	83.5
	77.0	84.2	82.9	—	—	—	—	—	—	—	—	—
	—	—	—	82.1	82.0	83.1	84.0	84.9	84.0	83.8	83.8	82.2
	83.2	83.0	82.7	82.9	84.2	84.6	84.8	84.8	83.8	83.8	83.8	81.3
	80.0	78.2	81.9	82.8	83.0	83.9	84.0	83.8	83.5	82.9	82.0	80.3
	83.1	83.6	77.0	78.6	81.3	82.2	84.8	84.7	83.8	83.0	82.4	81.6
	83.8	82.0	81.5	82.4	82.8	83.0	83.8	83.2	83.2	84.2	83.8	82.5
	82.8	82.2	81.2	83.2	81.8	83.5	84.3	83.7	83.4	83.4	82.1	83.0
	84.0	83.8	83.1	—	—	—	—	—	—	—	—	—
	—	—	—	83.8	83.6	83.4	83.8	83.8	83.9	84.0	83.2	81.2
	84.1	83.8	81.8	82.8	82.6	82.6	79.4	79.8	—	83.8	85.0	81.8
	82.0	79.0	80.0	79.0	81.3	77.8	80.9	85.0	—	83.0	82.4	80.8
	83.6	81.5	78.8	79.5	83.8	84.0	84.8	84.0	83.0	83.0	82.0	78.8
	83.7	83.0	82.8	82.8	83.0	83.0	82.9	85.2	83.9	82.9	81.4	78.7
	84.0	83.3	82.2	81.6	81.8	83.0	84.1	83.4	83.8	84.0	81.7	79.2
	84.6	83.7	82.1	—	—	—	—	—	—	—	—	—
	—	—	—	82.3	82.7	82.9	83.2	83.0	—	82.2	80.5	78.0
	83.8	82.2	74.0	77.0	73.9	81.4	82.6	83.2	87.0	82.3	79.3	81.8
	82.0	82.3	82.2	82.9	82.8	83.0	83.2	83.0	—	83.0	81.8	78.0
	82.2	82.2	82.4	83.0	83.6	83.8	83.8	83.6	83.8	83.0	81.7	77.7
	82.7	82.0	82.5	81.5	—	83.8	84.8	84.8	82.8	82.2	81.8	81.8
Hourly Means	82.94	82.53	81.41	81.66	82.05	82.72	83.17	83.27	83.39	83.23	82.81	81.39

DECLINATION.												
Angular Value of one Scale Division of the Declinometer = 0'71. Increasing Numbers denote increasing Easterly Declination.												
12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
80.2	78.3	78.8	82.2	86.0	89.1	89.6	87.4	85.2	84.6	84.1	83.5	83.53
79.5	81.2	84.1	83.5	89.2	94.2	90.8	89.8	87.8	87.0	85.2	83.6	84.76
82.0	80.5	81.8	84.7	88.4	87.5	93.2	90.0	91.3	94.0	93.8	84.0	84.88
81.5	81.0	82.1	82.0	85.5	87.1	87.6	86.8	85.0	84.7	84.3	83.8	83.22
82.0	81.0	81.8	85.1	87.8	89.0	89.4	86.5	84.2	83.2	83.9	83.8	83.94
81.8	81.5	81.9	84.1	87.0	88.5	88.0	88.0	86.5	86.6	85.0	84.2	83.74
81.8	80.2	79.3	81.0	84.5	87.0	89.8	88.9	87.8	87.8	86.4	85.9	83.91
83.2	81.8	82.5	83.4	85.7	90.3	91.5	93.8	91.6	109.4	99.0	87.0	86.03
86.0	88.8	90.4	90.5	95.7	92.6	95.2	93.9	93.4	83.8	90.8	85.8	84.20
80.3	78.6	80.8	83.4	86.3	89.7	89.8	87.8	84.5	86.0	84.7	84.0	82.55
81.0	79.2	80.6	83.5	87.0	88.5	89.2	90.0	84.7	86.8	87.2	86.0	84.25
80.7	80.4	82.3	84.2	86.3	88.0	87.7	86.1	85.1	84.8	84.6	83.8	81.52
81.5	81.0	79.5	80.8	84.7	87.8	89.2	87.8	85.9	84.7	84.9	84.0	84.08
81.0	78.9	78.7	81.4	87.0	90.0	90.5	87.8	85.4	84.8	84.1	83.7	83.90
80.1	78.0	78.8	81.8	85.7	88.8	89.5	87.2	84.7	85.3	84.8	83.7	83.73
80.8	78.4	80.4	83.5	87.2	88.4	90.0	86.8	84.8	84.8	84.0	83.5	84.14
79.5	79.0	79.2	79.8	84.7	87.3	88.3	86.8	85.1	84.5	84.5	83.8	82.98
79.6	79.0	79.8	81.0	84.8	89.0	90.7	89.2	86.6	84.9	84.3	83.7	83.92
81.8	80.5	80.5	85.2	91.4	93.0	94.3	100.2	89.1	93.7	85.2	83.7	85.80
80.0	79.0	81.0	83.6	90.2	90.3	91.2	88.0	87.2	87.7	82.2	85.2	83.41
80.8	78.2	78.4	82.3	90.0	91.1	94.2	86.0	87.1	86.7	85.0	82.3	83.66
78.8	77.7	78.2	82.8	86.3	89.1	90.1	89.1	86.1	86.4	85.2	85.3	83.67
81.3	79.7	78.9	82.1	86.8	89.0	88.8	87.8	85.7	84.8	84.7	84.0	83.45
79.0	77.3	78.3	83.2	87.2	91.0	91.5	90.0	87.6	87.8	86.0	85.2	84.22
81.0	80.0	82.2	85.3	88.8	89.8	91.2	89.2	87.6	87.0	85.3	85.2	84.25
78.6	77.0	77.2	79.8	83.7	88.0	90.0	88.1	85.5	84.2	84.2	83.8	83.12
80.91	79.85	80.67	83.08	87.23	89.39	90.43	88.96	86.75	87.15	85.90	84.33	83.88
80.2	77.8	77.9	79.8	84.5	87.4	92.2	93.1	91.7	89.2	87.8	84.2	84.58
81.5	79.4	79.9	82.8	86.7	87.8	89.7	88.8	86.2	85.2	84.9	83.9	83.89
80.2	80.0	79.4	82.0	83.0	89.3	92.2	91.7	88.0	86.9	86.9	84.6	84.20
80.7	79.2	80.0	82.0	85.3	87.0	89.3	89.2	87.5	86.2	85.8	84.8	83.54
80.3	78.4	78.2	78.8	83.2	87.0	89.1	88.5	86.5	85.3	85.8	85.0	82.91
79.0	78.8	78.8	80.8	84.8	89.4	91.2	90.3	87.9	86.9	86.8	87.2	84.05
81.1	82.9	83.8	87.5	91.6	95.2	93.0	96.8	92.0	92.8	90.5	83.7	85.47
80.8	79.9	80.2	81.9	84.2	88.4	90.0	89.2	86.0	85.0	85.2	84.2	83.53
78.7	77.8	79.0	80.3	83.7	87.8	91.8	89.8	86.9	86.1	85.5	83.2	83.73
80.4	80.1	79.1	79.5	83.8	88.4	90.3	92.4	80.0	86.4	88.4	85.8	83.50
80.8	79.0	79.5	83.0	86.2	88.0	89.0	89.2	85.3	86.3	85.5	84.0	83.74
79.3	77.9	77.9	81.4	87.2	90.4	87.8	89.2	86.8	82.8	85.6	82.2	83.80
78.2	77.2	78.6	81.4	84.0	86.3	88.1	87.7	84.8	84.8	83.8	83.7	82.70
79.0	77.7	77.7	83.2	87.4	90.6	91.2	89.4	86.8	85.6	84.5	83.8	83.46
79.4	77.5	79.4	82.9	83.7	88.5	88.2	88.5	85.2	85.2	85.2	84.0	83.50
79.4	78.4	79.9	83.5	86.0	89.4	89.8	88.0	86.8	85.3	84.9	84.8	83.78
79.2	77.0	76.0	80.3	85.6	89.8	91.8	90.2	87.8	85.7	85.7	84.7	83.97
82.5	83.7	84.7	86.2	88.8	94.8	92.8	96.2	91.2	89.2	92.7	87.2	85.98
78.0	77.3	77.2	82.0	86.8	91.0	94.0	92.0	86.2	87.5	84.0	84.0	83.10
76.2	75.4	76.4	81.3	86.8	91.7	91.7	89.3	87.6	86.2	86.3	85.4	83.38
76.6	75.8	78.6	83.4	86.5	91.2	91.8	91.0	87.8	86.2	85.2	84.5	83.83
77.8	77.8	78.2	82.2	86.0	88.2	90.4	85.0	87.2	86.0	85.8	86.0	83.45
76.3	76.8	79.8	83.8	89.0	90.5	90.6	88.3	86.5	86.2	85.1	84.1	83.57
79.7	81.0	82.0	85.3	88.9	93.2	93.1	92.9	89.7	88.8	84.9	84.0	83.83
76.8	77.5	80.2	83.7	88.8	93.3	93.8	90.2	86.6	85.8	83.8	82.4	83.79
74.5	73.7	76.7	80.8	86.4	90.0	92.3	90.2	88.1	86.4	85.0	83.5	83.27
79.0	77.7	78.8	81.5	85.7	91.2	92.8	94.9	92.5	88.5	89.5	85.5	84.71
79.10	78.36	79.18	82.27	86.09	89.84	91.04	90.44	87.39	86.54	86.11	84.46	83.82

DECLINATION.													
Angular Value of one Scale Division of the Declinometer = 0'71. Increasing Numbers denote increasing Easterly Declination.													
Mean Göttingen Time. } 0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.		
SEPTEMBER.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
	1	81°0	82°3	82°2	82°0	82°0	82°0	82°2	82°7	83°6	82°5	81°2	78°2
	2	85°2	79°3	82°5	—	—	—	—	—	—	—	—	—
	3	—	—	—	82°2	82°3	82°8	83°2	82°6	82°8	82°8	82°8	81°2
	4	81°1	81°9	83°8	77°6	77°2	79°0	80°8	80°1	—	81°8	82°9	80°0
	5	83°3	82°9	82°5	82°2	82°2	82°2	83°0	83°0	82°9	83°1	82°6	81°1
	6	84°3	80°0	80°2	83°0	—	—	82°9	83°0	82°7	82°2	81°0	79°5
	7	84°3	81°2	80°6	78°9	80°0	82°2	82°0	82°8	83°0	83°3	82°5	79°0
	8	83°8	83°3	83°2	83°2	—	83°3	83°1	82°0	82°7	83°8	86°5	94°3
	9	—	73°0	70°0	—	—	—	—	—	—	—	—	—
	10	—	—	—	81°8	83°0	83°8	84°0	84°2	83°2	83°0	81°0	78°0
	11	82°2	83°8	83°6	83°6	83°1	83°3	83°5	84°0	84°2	84°8	84°0	81°7
	12	83°5	83°2	83°3	83°2	83°5	84°0	84°0	84°4	84°2	84°2	81°2	78°6
	13	83°9	83°5	83°4	83°3	—	83°5	83°8	83°6	83°3	82°7	80°2	78°8
	14	84°2	83°8	83°6	83°2	83°5	83°3	83°5	83°6	83°0	82°6	81°0	78°0
	15	83°4	83°8	83°6	83°6	83°5	83°5	83°7	83°4	—	82°1	81°6	79°7
	16	83°0	83°3	83°2	—	—	—	—	—	—	—	—	—
	17	—	—	—	81°0	81°0	80°6	82°1	83°8	88°1	84°4	81°1	82°3
	18	82°0	74°2	78°2	81°0	75°5	78°3	78°5	83°9	88°3	83°5	85°2	81°2
	19	82°0	82°2	81°0	80°5	83°0	83°0	83°2	84°2	—	83°0	81°2	77°8
	20	83°7	82°3	82°0	82°5	82°5	83°2	83°5	84°0	83°3	83°6	81°4	77°2
	21	84°0	83°2	82°8	80°8	80°6	81°8	82°8	83°6	82°9	82°7	81°0	77°0
	22	84°2	82°1	82°4	83°2	—	83°6	83°8	83°8	—	82°0	79°2	75°2
	23	84°0	83°6	83°2	—	—	—	—	—	—	—	—	—
	24	—	—	—	83°6	83°4	83°4	83°3	84°2	82°8	81°7	78°6	74°5
	25	83°9	83°5	83°5	83°2	83°8	83°6	83°0	83°4	83°4	83°2	80°0	75°7
	26	84°6	83°8	83°8	82°7	83°1	83°8	83°9	83°9	84°4	83°8	80°1	76°9
	27	84°2	84°2	84°0	83°5	83°3	83°8	84°2	83°8	83°8	82°9	80°8	77°6
	28	84°5	84°2	84°0	83°5	83°7	84°0	84°0	84°2	84°4	84°7	80°7	76°4
29	84°2	83°8	78°8	76°2	79°1	81°0	82°8	83°2	82°6	80°8	76°4	80°0	
Hourly Means	83°52	82°20	81°98	81°98	81°87	82°62	82°99	83°42	83°55	83°01	81°37	79°20	

DECLINATION.												
Angular Value of one Scale Division of the Declinometer = 0'' 71. Increasing Numbers denote increasing Easterly Declination.												
12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .	21 ^h .	22 ^h .	23 ^h .	Daily and Monthly Means.
Sc. Div. 76°4	Sc. Div. 77°1	Sc. Div. 80°0	Sc. Div. 83°5	Sc. Div. 87°8	Sc. Div. 90°3	Sc. Div. 92°2	Sc. Div. 90°5	Sc. Div. 87°8	Sc. Div. 86°2	Sc. Div. 86°2	Sc. Div. 85°2	Sc. Div. 83°55
—	—	—	—	—	—	—	—	—	—	—	—	—
76°3	76°3	77°1	82°3	90°4	98°6	101°7	104°5	104°0	98°3	89°9	81°7	86°28
79°5	80°8	82°5	84°9	88°2	88°2	89°7	89°2	86°8	84°7	84°7	84°2	83°03
78°3	79°5	80°5	85°1	89°7	91°1	91°0	90°0	87°8	85°2	86°0	84°8	84°17
77°3	77°0	80°2	84°0	86°8	90°0	90°0	87°1	85°9	84°6	84°5	84°8	83°23
78°0	77°8	76°7	81°6	86°8	89°8	89°8	90°0	87°6	85°7	85°5	85°1	83°09
77°7	88°8	85°6	87°0	91°0	92°5	91°2	88°0	86°3	86°3	83°1	83°9	85°68
—	—	—	—	—	—	—	—	—	—	—	—	—
76°2	77°8	82°3	85°8	88°2	88°8	87°2	86°8	86°4	85°2	84°8	80°4	82°39
77°6	78°0	80°2	83°8	86°0	87°5	88°8	88°2	87°1	84°8	84°2	84°0	83°83
76°2	75°8	79°0	82°5	85°9	88°7	89°2	88°0	86°0	85°5	84°7	84°2	83°46
76°7	76°8	78°8	82°0	86°0	87°6	88°2	88°0	86°6	85°3	85°1	84°6	83°29
78°0	79°8	81°7	85°0	89°0	92°3	92°8	90°5	87°2	86°8	85°6	84°8	84°45
78°0	77°9	80°2	84°4	88°1	91°0	90°7	88°8	86°9	85°8	85°2	85°1	84°09
—	—	—	—	—	—	—	—	—	—	—	—	—
78°5	79°0	81°7	87°2	92°0	91°9	91°9	87°8	89°9	84°3	89°2	85°1	84°68
78°7	77°2	79°8	83°0	88°6	91°2	93°0	90°4	87°8	86°0	84°0	72°1	82°36
74°9	73°8	75°8	81°5	88°4	91°4	92°7	87°8	88°1	82°8	84°8	84°7	82°95
75°1	75°1	79°0	84°7	90°8	94°0	93°9	91°7	87°8	84°8	82°8	84°0	83°87
74°0	71°3	74°8	80°9	88°7	92°2	93°3	92°2	88°4	86°2	85°5	84°8	83°15
72°7	74°5	79°6	86°1	91°2	93°3	94°2	90°8	88°0	86°8	84°8	84°2	83°90
—	—	—	—	—	—	—	—	—	—	—	—	—
73°0	74°4	78°3	84°7	90°6	93°6	93°0	90°7	86°9	85°8	84°6	84°5	83°60
72°0	73°9	77°6	83°8	88°8	91°7	92°8	90°8	88°0	86°4	85°4	85°2	83°61
74°4	75°0	79°0	85°8	90°4	93°5	93°5	90°0	86°6	86°3	85°0	84°8	84°13
75°2	74°7	77°0	83°0	89°0	93°7	94°6	91°8	87°7	86°0	85°7	85°1	84°15
72°7	73°1	76°6	82°0	87°8	90°9	91°3	89°3	86°8	85°4	85°4	85°2	83°53
79°2	80°0	84°6	87°8	91°1	93°9	94°0	90°7	86°9	86°0	85°0	84°5	83°86
76°26	77°02	79°54	84°10	88°85	91°51	92°03	90°14	87°97	86°05	85°27	83°88	83°78

HORIZONTAL FORCE.													
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.													
Mean Göttingen Time.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
JANUARY.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
	1	44'4	44'6	45'3	—	—	—	—	—	—	—	—	
	2	—	—	—	47'0	47'0	46'8	46'0	45'5	46'4	46'0	45'3	38'5
	3	46'7	47'5	47'6	47'8	—	48'0	47'8	47'9	47'3	47'8	52'7	52'3
	4	50'1	47'8	46'3	53'2	47'2	45'1	48'1	47'4	45'8	44'4	42'8	40'6
	5	48'4	46'0	46'1	45'5	45'8	46'5	47'2	46'3	—	47'0	45'6	43'2
	6	48'8	47'8	47'5	47'5	47'0	45'0	44'7	46'4	47'7	47'0	44'9	42'5
	7	49'5	46'9	46'4	43'7	44'8	45'1	47'0	46'3	46'8	47'0	44'7	39'5
	8	48'6	47'4	47'9	—	—	—	—	—	—	—	—	—
	9	—	—	—	47'3	47'7	48'0	48'0	48'5	49'1	48'0	45'0	41'5
	10	51'1	52'8	52'0	51'3	—	48'4	50'1	51'4	52'2	52'0	50'2	45'0
	11	49'4	50'0	50'0	50'6	49'8	50'4	51'3	49'5	49'8	50'0	50'0	43'4
	12	47'0	37'0	39'3	41'2	38'7	38'2	18'0	31'5	28'9	40'7	34'0	23'7
	13	37'8	38'1	36'5	36'2	35'0	35'8	35'5	37'0	—	38'0	24'4	18'0
	14	38'1	37'8	38'1	36'5	37'6	38'2	39'0	40'9	45'7	46'6	34'3	34'1
	15	42'1	42'7	42'7	—	—	—	—	—	—	—	—	—
	16	—	—	—	—	40'5	30'0	40'8	39'2	39'8	41'0	30'4	34'2
	17	42'2	48'5	41'7	40'3	—	40'5	40'3	40'3	41'2	43'9	44'2	43'4
	18	45'2	44'2	45'2	44'8	46'7	47'0	46'8	49'0	47'6	47'6	46'3	45'1
	19	50'0	47'2	49'7	52'2	53'6	45'2	43'8	45'1	45'2	45'5	46'1	45'5
	20	45'3	45'7	47'9	45'6	44'5	42'8	45'3	44'9	46'5	45'0	43'2	41'7
	21	45'5	45'0	44'8	44'3	44'4	44'8	46'3	44'6	—	42'6	41'0	34'3
	22	44'6	45'5	46'8	—	—	—	—	—	—	—	—	—
	23	—	—	—	47'8	48'2	48'4	48'9	50'0	47'6	49'7	47'0	43'8
	24	47'2	41'4	44'3	36'0	—	41'0	44'1	46'8	44'6	44'3	44'3	39'5
	25	42'5	42'0	42'0	41'7	41'6	43'9	45'5	45'9	44'0	42'8	44'1	43'6
	26	42'3	42'6	40'7	41'2	—	42'3	42'7	44'6	43'0	43'4	42'9	38'4
	27	46'7	44'7	48'0	46'8	—	49'8	47'7	46'0	47'0	48'9	48'3	45'6
	28	49'3	49'7	49'2	49'0	50'1	56'0	50'8	51'7	51'4	51'6	48'0	45'8
	29	39'5	41'3	39'9	—	—	—	—	—	—	—	—	—
	30	—	—	—	44'2	44'4	45'0	48'9	45'3	47'0	44'9	41'6	39'5
31	47'2	47'2	47'1	47'7	—	47'9	47'8	47'7	48'2	48'8	48'8	48'0	
Hourly Means	47'75	45'05	45'11	45'18	44'98	44'62	44'71	45'37	45'77	45'94	43'47	40'41	
TEMPERATURE OF THE BIFILAR MAGNET.													
JANUARY.	°	°	°	°	°	°	°	°	°	°	°	°	
	1	67'4	67'2	67'0	—	—	—	—	—	—	—	—	
	2	—	—	—	66'0	65'8	65'6	65'4	65'4	65'2	65'1	65'0	65'0
	3	64'8	64'4	63'8	63'2	—	62'0	61'4	61'0	60'8	60'3	59'8	59'8
	4	59'3	59'3	59'2	59'2	58'9	58'8	58'7	58'4	58'2	58'2	58'0	58'2
	5	63'0	63'0	62'9	62'7	62'7	62'5	62'3	62'3	—	62'0	61'8	61'8
	6	63'8	63'5	63'3	63'2	62'8	62'5	62'0	61'8	61'5	61'2	60'9	60'6
	7	62'8	62'8	62'7	62'6	62'5	62'3	62'2	62'1	61'8	61'5	61'7	61'8
	8	64'8	64'7	64'6	—	—	—	—	—	—	—	—	—
	9	—	—	—	62'8	62'6	62'5	62'3	62'2	62'2	62'0	61'8	61'6
	10	61'7	61'4	61'2	61'1	—	60'6	60'3	60'2	59'8	59'6	59'2	59'2
	11	61'3	61'3	61'2	61'1	60'8	60'8	60'8	60'8	60'5	60'2	60'0	60'0
	12	66'0	66'0	65'8	66'0	65'9	65'8	65'5	65'4	65'3	65'3	65'3	65'2
	13	69'2	69'2	69'1	69'0	69'1	69'0	68'9	68'7	—	68'4	68'2	68'0
	14	70'6	70'5	70'3	70'1	69'8	69'4	69'0	68'8	68'5	68'2	67'9	67'8
	15	65'5	65'2	64'8	—	—	—	—	—	—	—	—	—
	16	—	—	—	—	61'1	61'0	61'0	61'0	60'6	60'2	60'0	59'8
	17	63'6	63'7	63'7	63'7	—	63'6	63'4	63'2	63'0	62'9	62'8	62'7
	18	64'0	63'6	63'6	63'0	62'8	62'6	62'2	62'0	61'6	61'5	61'2	61'0
	19	61'0	60'9	60'7	60'5	60'4	60'3	60'2	60'0	59'6	59'2	59'0	58'8
	20	63'3	63'4	63'5	63'6	63'6	63'6	63'5	63'4	63'3	63'0	63'0	62'8
	21	65'7	65'8	65'6	65'4	65'1	64'8	64'7	64'4	—	64'2	64'0	63'8
	22	64'9	64'8	64'5	—	—	—	—	—	—	—	—	—
	23	—	—	—	61'4	61'4	61'4	61'4	61'4	61'2	61'1	61'0	61'1
	24	64'3	64'3	64'3	64'2	—	64'0	63'9	63'7	63'6	63'3	63'2	63'1
	25	66'3	66'2	66'0	66'0	65'8	65'6	65'4	65'3	65'0	65'0	64'8	64'8
	26	68'6	68'6	68'5	68'3	—	67'8	67'4	67'0	66'7	66'3	66'0	66'0
	27	63'4	63'0	62'8	62'6	—	61'8	61'6	61'3	61'2	60'6	60'4	60'2
	28	60'0	60'0	60'0	59'8	59'8	59'7	59'6	59'5	59'4	59'2	59'0	59'0
	29	58'6	58'5	58'4	—	—	—	—	—	—	—	—	—
	30	—	—	—	56'8	56'8	56'7	56'6	56'5	56'4	56'4	56'4	56'4
31	58'1	58'1	58'0	58'0	—	57'8	57'7	57'6	57'4	57'4	57'2	57'0	
Hourly Means	63'92	63'82	63'68	63'21	63'04	62'79	62'60	62'44	61'86	62'01	61'83	61'75	

HORIZONTAL FORCE.

One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah'. = '000230.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
38.7	40.2	39.0	39.8	39.6	45.4	49.3	45.7	47.5	46.3	46.3	46.6	44.47
45.2	40.0	42.6	43.8	43.7	47.2	48.0	51.6	55.3	43.8	48.5	44.6	47.51
38.7	37.2	39.0	41.2	45.4	50.2	51.0	50.6	51.3	50.3	47.7	47.2	46.19
39.9	38.4	37.8	41.5	44.0	48.3	49.6	54.3	50.8	49.8	50.5	49.3	46.16
40.0	39.5	37.8	38.8	43.9	48.4	52.3	54.6	52.2	52.8	48.3	47.9	46.39
35.0	33.9	34.0	36.9	41.7	45.3	47.6	46.7	48.1	47.8	47.8	48.7	44.22
38.6	37.2	38.5	40.8	44.4	47.7	49.5	52.2	54.5	53.2	53.8	48.8	46.92
38.1	35.5	37.5	42.0	46.0	48.8	52.1	54.9	54.4	53.6	56.1	52.0	49.02
44.0	42.1	35.3	51.8	55.4	55.0	50.2	56.3	59.8	58.0	48.2	43.0	49.72
23.6	23.8	20.5	25.2	29.0	33.6	36.0	43.2	42.9	41.2	42.2	38.8	34.09
24.0	25.0	22.3	23.4	31.0	33.9	39.6	40.7	42.7	40.5	38.3	37.3	33.52
28.6	28.7	26.7	31.5	37.2	35.4	41.5	42.4	43.8	44.2	43.9	42.5	38.05
33.8	20.5	36.0	39.8	42.0	45.3	43.7	41.4	47.8	40.0	42.6	43.0	39.10
42.2	42.4	41.4	38.2	40.0	43.8	44.4	44.9	42.3	42.7	42.8	43.5	42.40
42.6	41.1	43.6	44.0	45.5	52.0	50.7	52.4	49.0	48.0	47.3	47.5	46.63
44.1	41.0	39.7	39.6	43.7	50.0	52.7	53.0	47.2	47.5	45.9	45.8	46.64
34.8	37.7	38.3	41.0	45.2	51.9	48.0	49.2	46.9	48.3	46.5	46.0	45.10
42.4	36.5	40.0	42.8	44.2	47.6	49.5	49.5	47.6	47.4	45.6	45.1	43.83
30.4	38.3	42.1	42.6	41.7	45.2	49.5	47.0	46.8	47.7	45.8	45.3	45.95
39.0	29.2	32.6	35.5	37.0	44.5	46.3	46.0	44.3	44.1	43.0	43.1	41.28
32.4	37.6	36.5	36.5	37.5	40.6	44.2	45.3	45.9	45.6	44.5	43.8	42.36
43.9	25.5	23.0	31.3	37.1	41.7	46.0	46.4	48.2	47.1	47.0	47.8	40.76
25.0	43.3	42.0	41.3	42.7	48.1	46.5	50.0	53.6	52.2	47.2	50.3	46.98
39.3	36.0	37.0	40.6	33.5	48.8	53.1	49.2	48.4	50.3	46.2	40.7	46.31
46.0	39.5	38.3	39.5	41.7	46.0	51.0	49.8	54.5	49.0	48.0	47.7	44.41
37.21	35.93	36.36	39.01	41.53	45.92	47.79	48.80	49.18	48.03	46.65	45.60	44.09

TEMPERATURE OF THE BIPLAR MAGNET.

65.3	65.7	66.0	66.3	66.6	66.6	66.6	66.4	66.2	66.0	65.5	65.2	65.94
59.6	59.4	59.4	59.0	59.0	59.0	59.0	59.0	59.1	59.2	59.4	59.4	60.51
58.2	58.7	59.0	59.6	60.2	60.6	61.3	61.8	62.3	62.7	62.8	62.8	59.77
61.9	62.1	62.2	62.4	62.8	63.0	63.4	63.5	63.7	63.8	63.8	63.8	62.76
60.5	60.4	60.5	60.7	60.7	60.8	61.3	62.0	62.5	62.7	62.7	62.8	61.86
61.7	61.8	62.1	62.3	63.0	63.4	63.9	64.2	64.4	64.6	64.7	64.8	62.82
61.5	61.5	61.5	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.5	62.20
59.1	59.0	59.0	59.3	59.6	60.0	60.2	60.4	60.6	61.0	61.1	61.2	60.21
60.1	60.4	60.8	61.4	62.0	62.7	63.3	64.0	64.5	65.0	65.4	65.8	61.84
65.2	65.4	65.8	66.0	66.6	67.1	67.7	68.0	68.5	68.8	69.0	69.1	66.45
67.8	67.8	68.0	68.5	69.0	69.3	69.7	70.2	70.5	70.7	70.7	70.7	69.12
67.6	67.4	67.3	67.1	66.8	66.8	66.6	66.6	66.4	66.2	66.0	65.8	67.98
59.8	59.8	59.9	60.2	60.5	61.3	61.7	62.2	62.5	63.0	63.3	63.5	61.65
62.7	63.0	63.2	63.6	64.0	64.2	64.6	64.8	64.8	64.8	64.5	64.2	63.68
60.8	60.6	60.6	60.6	60.6	60.7	60.8	60.9	61.0	61.0	61.0	61.1	61.62
58.8	59.1	59.3	59.6	60.0	60.8	61.7	62.0	62.6	62.7	63.1	63.3	60.57
63.8	62.7	62.7	62.7	63.0	63.4	64.0	64.6	65.0	65.2	65.5	65.6	63.67
61.1	63.8	64.0	64.0	64.0	64.1	64.1	64.5	64.6	64.8	65.0	65.0	64.57
63.2	61.2	61.3	62.0	62.4	62.6	63.0	63.3	63.6	64.0	64.2	64.2	62.44
65.0	63.2	63.4	63.8	64.1	64.7	65.0	65.4	66.0	66.2	66.2	66.4	64.33
66.2	65.0	65.4	65.8	66.4	67.1	67.5	68.0	68.2	68.4	68.5	68.6	66.25
60.0	66.3	66.3	66.3	66.0	65.8	65.5	65.0	64.8	64.5	64.0	63.6	66.33
58.8	59.8	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.2	60.3	60.2	60.85
56.4	58.7	58.5	58.5	58.6	58.6	58.7	58.8	59.0	59.0	59.0	58.7	59.16
57.0	56.4	56.6	56.8	56.8	57.0	57.3	57.7	57.8	58.0	58.0	58.1	57.14
61.72	57.0	57.1	57.3	57.6	57.8	58.0	58.2	58.2	58.3	58.3	58.3	57.71
61.72	61.78	61.92	62.12	62.38	62.65	62.94	63.20	63.40	63.55	63.60	63.60	62.75

HORIZONTAL FORCE.													
One Scale Division = .000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fahr. = .000230.													
Mean Göttingen Time. }	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
FEBRUARY.	1	49.3	49.3	49.4	50.3	50.2	50.5	50.5	50.0	50.4	51.0	49.6	47.9
	2	49.7	47.5	46.0	46.2	46.2	46.0	47.0	47.0	47.3	46.9	45.7	42.4
	3	47.7	47.8	47.9	47.9	48.9	49.4	49.5	49.7	49.8	50.2	49.1	45.6
	4	51.7	50.2	51.1	52.2	—	52.4	52.5	52.6	—	53.3	51.0	49.5
	5	52.5	52.7	52.6	—	—	—	—	—	—	—	—	—
	6	—	—	—	—	52.1	49.8	51.0	50.6	51.0	51.2	50.2	47.5
	7	49.0	49.5	47.9	47.6	48.8	49.2	48.0	50.5	52.5	51.4	48.7	45.8
	8	45.8	48.0	47.8	47.2	46.4	49.7	50.0	44.6	46.6	46.5	45.6	41.9
	9	43.3	50.4	44.8	45.0	45.7	45.0	44.9	46.3	46.1	46.0	48.1	42.2
	10	43.6	43.1	44.1	45.2	44.2	44.0	43.6	42.9	42.6	42.8	42.4	40.4
	11	43.5	44.5	43.3	43.0	42.7	42.3	43.5	43.0	—	42.1	42.1	42.1
	12	43.0	43.0	40.1	—	—	—	—	—	—	—	—	—
	13	—	—	—	42.7	43.2	43.7	44.2	45.0	43.8	42.1	40.6	38.9
	14	47.0	47.2	47.3	47.3	—	49.3	51.7	52.6	53.6	51.8	45.1	47.2
	15	48.5	46.7	43.8	47.3	46.6	48.8	50.6	49.0	48.9	47.0	47.3	43.0
	16	50.6	51.3	51.4	51.4	51.5	51.8	51.8	51.8	53.0	53.0	53.2	50.6
	17	50.8	50.6	51.0	51.5	51.7	51.4	50.9	51.2	51.5	51.4	50.5	47.9
	18	51.3	51.2	51.0	50.0	49.9	50.3	50.6	50.9	—	53.0	52.3	49.8
	19	48.0	48.0	47.6	—	—	—	—	—	—	—	—	—
	20	—	—	—	47.8	49.0	50.5	51.2	45.4	41.5	54.6	42.7	34.4
	21	38.5	24.0	14.0	27.6	31.7	31.5	51.6	38.0	15.9	34.0	30.0	28.0
	22	38.6	34.1	33.8	36.3	—	38.4	39.0	43.5	42.8	41.5	30.5	30.0
	23	47.6	40.8	41.9	41.6	—	45.7	50.8	45.8	43.3	43.0	39.8	39.0
	24	38.8	35.5	29.0	22.9	26.5	33.4	36.8	36.8	36.2	35.9	33.6	37.6
	25	37.2	39.5	31.7	33.6	36.3	36.5	36.8	37.1	38.0	38.4	36.5	36.0
	26	43.3	43.4	43.1	—	—	—	—	—	—	—	—	—
	27	—	—	—	45.7	50.4	45.8	46.3	45.4	45.5	45.7	45.3	44.3
	28	50.5	46.1	44.5	46.0	48.2	48.4	47.9	47.7	52.7	50.0	45.5	43.8
	29	46.5	46.6	46.0	45.4	45.2	45.4	45.8	46.1	46.2	46.3	46.0	44.8
Hourly Means	46.25	45.24	43.64	44.24	45.49	45.97	47.46	46.54	45.42	46.35	44.46	42.42	
TEMPERATURE OF THE BIFILAR MAGNET.													
	°	°	°	°	°	°	°	°	°	°	°	°	
FEBRUARY.	1	58.2	58.2	58.1	58.1	58.0	57.8	57.8	57.6	57.6	57.6	57.5	57.4
	2	62.6	62.6	62.6	62.6	62.4	62.3	62.3	62.2	62.2	62.0	61.8	61.7
	3	63.8	63.4	63.0	62.8	62.3	62.0	61.5	61.2	60.8	60.4	60.0	59.6
	4	58.6	58.6	58.3	58.0	—	57.6	57.2	57.0	—	56.3	56.0	56.0
	5	58.2	58.2	58.2	—	—	—	—	—	—	—	—	—
	6	—	—	—	—	59.2	59.2	59.2	59.1	59.0	58.8	58.8	58.8
	7	60.7	60.6	60.6	60.5	60.4	60.2	60.2	60.0	60.0	59.8	59.8	59.7
	8	61.8	61.8	61.6	61.6	61.4	61.3	61.2	61.2	61.3	61.3	61.2	61.2
	9	63.8	63.6	63.6	63.5	63.6	63.5	63.4	63.3	63.2	63.2	63.0	63.0
	10	67.6	67.6	67.5	67.4	67.2	67.0	66.8	66.4	66.0	65.8	65.5	65.3
	11	69.6	69.6	69.6	69.5	69.2	69.1	69.0	69.0	—	68.6	68.5	68.3
	12	71.0	70.6	70.4	—	—	—	—	—	—	—	—	—
	13	—	—	—	67.6	67.4	67.0	66.8	66.6	66.2	65.9	65.7	65.5
	14	64.8	64.8	64.5	64.4	—	64.0	63.8	63.6	63.6	63.3	63.2	63.1
	15	62.5	62.2	62.0	61.8	61.6	61.4	61.2	60.8	60.5	60.0	60.0	59.5
	16	58.0	58.0	57.8	57.6	57.4	57.2	57.0	57.0	56.8	56.6	56.4	56.3
	17	58.4	58.4	58.4	58.4	58.5	58.2	58.2	58.1	58.2	58.0	57.8	57.7
	18	60.9	61.0	61.0	61.0	61.2	61.1	61.0	61.0	—	60.6	60.4	60.4
	19	64.2	64.3	64.3	—	—	—	—	—	—	—	—	—
	20	—	—	—	62.5	62.3	62.2	62.1	62.1	62.1	62.0	61.8	62.0
	21	61.1	61.1	61.0	61.0	61.2	61.0	60.6	60.6	60.8	60.4	60.2	60.0
	22	60.3	60.3	60.2	60.2	—	59.8	59.6	59.6	59.4	59.2	59.2	59.1
	23	60.0	60.0	60.0	60.0	—	59.9	59.8	59.8	60.0	60.0	60.0	60.0
	24	61.4	61.3	61.2	61.2	61.2	61.1	61.1	59.8	60.0	60.6	60.4	60.2
	25	64.2	64.2	64.2	64.1	63.8	63.6	63.4	63.2	62.9	62.7	62.6	62.3
	26	64.1	63.8	63.5	—	—	—	—	—	—	—	—	—
	27	—	—	—	61.0	60.8	60.6	60.4	60.3	60.2	60.0	60.0	59.8
	28	61.4	61.3	61.2	61.1	61.0	60.8	60.8	60.6	60.5	60.5	60.3	60.3
	29	62.6	62.6	62.6	62.6	62.6	62.5	62.3	62.3	62.4	62.4	62.3	62.3
Hourly Means	62.40	62.32	62.22	62.02	62.03	61.62	61.47	61.30	61.08	61.04	60.90	60.78	

HORIZONTAL FORCE.

One Scale Division = .000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = .000230.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
46°0	44°4	43°8	43°5	46°4	50°6	48°8	49°4	49°2	53°3	51°3	48°7	48°91
40°0	37°0	41°4	39°6	42°7	45°8	48°0	48°1	49°0	50°6	47°6	49°2	45°70
42°3	40°0	40°4	41°5	43°1	50°4	54°0	51°7	52°0	51°4	51°0	51°7	48°04
44°5	41°0	39°6	41°8	47°0	52°0	54°9	55°6	52°4	52°3	52°4	52°7	50°12
—	—	—	—	—	—	—	—	—	—	—	—	—
44°0	40°7	40°4	40°8	47°7	48°0	49°8	50°5	50°7	51°5	47°8	47°0	48°70
36°4	42°5	40°5	34°8	43°0	47°4	45°6	47°9	47°6	47°2	46°2	45°2	46°38
41°3	40°0	35°9	35°5	40°4	43°8	45°5	42°0	46°2	44°7	47°6	48°7	44°65
40°0	35°9	33°8	38°4	40°5	40°1	43°3	45°2	44°4	43°8	43°7	43°8	43°36
36°8	35°3	35°4	39°1	42°4	42°8	44°8	46°4	44°9	44°1	44°0	44°5	42°47
40°4	38°7	37°2	37°6	37°9	39°0	43°0	45°9	44°6	43°2	42°7	43°2	41°98
—	—	—	—	—	—	—	—	—	—	—	—	—
37°5	36°6	36°2	37°4	40°5	44°0	45°1	48°0	48°4	47°4	45°8	47°4	42°69
47°1	42°7	43°1	45°0	40°5	47°5	45°3	46°5	46°4	47°5	—	48°8	47°28
37°4	37°5	38°1	40°3	42°3	44°8	51°0	48°9	50°0	49°0	49°1	49°0	46°04
47°6	42°7	40°0	41°3	43°9	47°0	50°5	52°5	54°5	52°2	53°0	52°7	49°97
43°9	41°2	40°1	42°7	45°0	47°7	50°0	52°2	50°6	51°8	51°6	51°0	49°09
45°8	40°7	38°0	39°6	41°6	48°0	47°3	49°9	51°5	49°2	48°2	45°4	48°06
—	—	—	—	—	—	—	—	—	—	—	—	—
25°6	26°0	30°0	34°0	35°8	38°0	42°0	40°0	51°6	45°4	49°5	50°5	42°46
25°4	26°5	14°5	18°0	10°0	29°4	43°7	39°3	36°8	33°1	33°5	43°8	29°95
33°0	22°1	29°6	30°3	25°4	33°0	41°0	45°1	44°7	45°1	42°2	41°7	36°60
37°2	34°7	33°0	37°8	43°0	39°8	45°8	47°0	57°2	50°0	45°3	41°8	43°14
37°0	32°2	33°0	35°1	34°3	40°3	34°5	48°4	45°0	45°3	35°0	28°4	35°46
33°0	34°4	33°6	31°4	35°3	37°0	39°0	41°0	41°0	42°5	42°5	42°7	37°12
—	—	—	—	—	—	—	—	—	—	—	—	—
43°1	43°0	41°2	40°4	42°6	43°7	47°6	48°2	46°7	47°0	47°5	48°7	45°16
41°8	41°5	40°9	40°0	38°8	43°6	44°2	44°9	46°6	46°4	46°0	45°5	45°48
43°3	40°0	38°8	38°9	40°6	40°2	43°3	44°7	45°9	44°7	45°3	45°3	44°22
39°62	37°49	36°74	37°79	39°63	43°36	45°92	47°17	47°92	47°15	46°20	46°29	44°10

TEMPERATURE OF THE BIFILAR MAGNET.

57°6	57°8	58°2	58°6	59°0	59°8	60°4	60°8	61°4	61°8	62°2	62°4	58°91
61°8	61°8	62°2	62°6	62°8	63°1	63°8	61°0	64°0	64°0	64°0	63°9	62°72
59°6	59°3	59°3	59°3	59°3	59°3	59°2	59°0	59°0	59°0	58°9	58°7	60°45
56°1	56°1	56°2	56°3	56°6	56°8	56°8	57°2	57°4	57°8	58°0	58°0	57°13
—	—	—	—	—	—	—	—	—	—	—	—	—
58°8	58°8	58°9	59°0	59°4	59°7	60°0	60°3	60°3	60°5	60°6	60°6	59°29
59°7	59°7	60°0	60°3	60°6	60°8	61°2	61°4	61°5	61°8	61°8	61°8	60°55
61°0	61°2	61°4	61°8	62°0	62°4	62°8	63°2	63°5	63°8	63°8	63°8	61°98
63°0	63°2	63°7	64°0	64°7	65°1	65°7	66°1	66°6	67°0	67°4	67°6	64°37
65°3	65°6	65°9	66°3	66°8	67°2	67°8	68°2	68°6	69°0	69°4	69°6	67°08
68°4	68°4	68°8	69°0	69°7	70°0	70°5	70°8	71°0	71°2	71°3	71°2	69°58
—	—	—	—	—	—	—	—	—	—	—	—	—
65°3	65°2	65°1	65°1	65°0	65°2	65°4	65°4	65°4	65°4	65°2	65°0	66°40
63°0	62°8	62°8	62°8	62°8	63°0	63°0	62°9	62°9	62°8	—	62°5	63°38
59°4	59°1	59°0	58°9	58°8	58°7	58°6	58°6	58°5	58°5	58°3	58°2	59°92
56°3	56°3	56°4	56°4	56°6	56°8	57°2	57°5	57°8	57°9	58°2	58°4	57°16
57°8	57°8	57°8	58°2	58°3	58°8	59°2	59°5	60°0	60°2	60°6	60°8	58°64
60°3	60°4	60°6	61°1	61°8	62°3	62°8	63°3	63°4	63°7	64°0	64°2	61°63
—	—	—	—	—	—	—	—	—	—	—	—	—
62°0	62°0	62°0	61°8	61°8	61°6	61°8	61°8	61°8	61°6	61°4	61°2	62°20
59°8	59°8	59°8	59°8	60°3	60°5	60°6	60°5	60°6	60°5	60°4	60°4	60°50
59°2	59°3	59°3	59°3	59°4	59°5	59°6	59°8	59°8	60°0	60°0	60°0	59°66
59°8	60°0	60°0	60°2	60°3	60°6	60°8	61°0	61°0	61°2	61°2	61°3	60°30
60°0	60°3	60°6	60°9	61°4	62°0	62°4	62°7	63°2	63°4	63°6	63°9	61°41
62°7	62°7	63°0	63°3	63°4	63°6	63°8	64°0	64°3	64°3	64°2	64°3	63°53
—	—	—	—	—	—	—	—	—	—	—	—	—
59°8	59°8	59°8	60°2	60°4	60°8	61°0	61°2	61°3	61°4	61°5	61°5	60°68
60°4	60°5	60°5	60°6	60°8	61°0	61°4	61°8	62°0	62°4	62°6	62°6	61°10
62°4	62°4	62°6	62°6	63°0	63°3	63°8	64°2	64°7	65°2	65°3	65°2	63°10
60°78	60°81	60°96	61°14	61°40	61°68	61°98	62°21	62°40	62°58	62°66	62°68	61°66

HORIZONTAL FORCE.													
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah' = '000230.													
Mean Göttingen Time. }	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
MARCH.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
	1	44·9	44·0	44·5	47·0	45·8	45·5	45·1	45·2	45·0	45·0	44·1	42·2
	2	46·3	46·2	47·8	46·5	—	46·9	46·7	47·1	47·4	47·6	47·5	46·4
	3	46·8	46·8	47·0	46·8	47·8	—	47·6	47·9	—	48·6	47·4	46·2
	4	46·8	46·3	47·8	—	—	—	—	—	—	—	—	—
	5	—	—	—	48·7	48·8	49·0	49·2	49·9	49·5	49·2	48·3	45·0
	6	47·7	47·7	48·0	47·2	—	48·0	48·0	48·7	49·8	53·3	49·0	45·8
	7	46·7	46·5	46·5	46·3	45·6	46·6	45·5	46·3	47·0	47·8	46·4	44·5
	8	46·4	43·7	43·7	48·0	46·8	45·8	45·5	44·5	46·0	48·0	46·9	46·0
	9	47·5	47·7	47·7	47·2	47·5	47·5	47·8	48·1	48·4	48·6	48·4	47·1
	10	47·6	47·3	46·9	46·7	46·7	46·8	46·8	47·2	47·2	47·5	47·7	46·3
	11	49·0	49·0	48·6	—	—	—	—	—	—	—	—	—
	12	—	—	—	44·7	46·8	47·0	47·0	46·7	47·7	48·1	47·8	46·0
	13	46·3	46·5	46·8	46·8	46·9	46·9	46·9	48·4	—	47·9	47·4	45·8
	14	49·7	46·8	46·5	49·0	48·8	48·8	48·8	49·0	49·0	49·0	48·3	46·7
	15	43·6	44·4	44·4	44·6	41·4	43·5	46·0	45·5	45·7	44·1	43·8	45·7
	16	50·5	52·3	51·8	48·8	53·1	50·0	50·4	51·6	51·5	51·9	51·7	49·2
	17	37·9	30·3	35·8	45·0	42·6	41·0	39·5	45·0	40·7	39·5	37·8	32·5
	18	42·1	45·3	43·0	—	—	—	—	—	—	—	—	—
	19	—	—	—	40·6	35·4	31·3	34·4	36·3	35·0	34·4	32·2	34·6
	20	31·7	29·3	40·8	27·5	27·8	32·0	33·6	35·2	31·7	32·5	26·8	25·0
	21	39·8	43·6	38·9	41·3	42·2	42·8	43·2	44·4	—	45·0	44·1	41·3
	22	47·0	47·5	47·0	47·0	47·0	47·5	47·8	48·2	47·8	47·5	47·4	47·0
	23	49·6	49·6	49·8	50·0	50·0	49·5	49·2	49·5	52·1	50·0	48·8	47·6
	24	48·1	45·8	43·3	45·0	—	47·6	48·1	48·1	47·0	46·7	46·5	46·4
	25	41·3	42·8	45·0	—	—	—	—	—	—	—	—	—
	26	—	—	—	44·8	44·8	44·8	45·0	45·4	48·7	47·0	46·4	45·9
	27	46·8	48·5	49·6	50·7	49·9	48·5	49·7	47·4	41·8	48·7	46·2	44·5
	28	50·0	50·0	50·2	49·8	49·6	50·0	50·0	51·1	49·8	47·7	48·0	46·5
	29	49·3	48·7	50·1	50·0	49·5	49·8	49·8	49·8	49·7	50·2	50·0	49·0
	30	47·0	47·2	47·0	47·9	48·4	48·5	48·8	50·4	50·8	51·0	50·0	45·2
31	41·8	39·0	42·5	42·8	44·3	52·8	48·7	44·8	45·5	45·7	46·8	45·2	
Hourly Means	45·64	45·29	45·96	45·95	45·73	46·15	46·31	46·73	46·74	46·76	45·77	44·21	
TEMPERATURE OF THE BIFILAR MAGNET.													
MARCH.	1	65·0	65·8	65·3	65·3	65·2	65·0	64·8	64·8	64·6	64·4	64·0	64·0
	2	64·2	64·2	64·1	64·0	—	63·8	63·8	63·6	63·3	63·2	63·0	63·0
	3	64·0	64·0	64·0	63·8	63·6	63·5	63·2	63·0	—	—	—	—
	4	63·0	62·8	62·8	—	—	—	—	—	—	—	—	—
	5	—	—	—	60·6	60·6	60·4	60·4	60·4	60·2	60·0	60·0	60·0
	6	63·0	63·0	62·8	62·8	—	62·6	62·5	62·3	62·2	62·0	61·8	61·8
	7	64·6	64·6	64·4	64·4	64·3	64·0	63·7	63·5	63·2	63·0	62·9	62·8
	8	63·3	63·3	63·0	62·7	62·3	62·0	61·8	61·7	61·3	60·9	60·8	60·4
	9	62·2	62·0	62·0	61·8	61·6	61·6	61·4	61·3	61·2	61·1	60·8	60·6
	10	65·2	65·2	65·1	65·0	64·8	64·8	64·5	64·5	64·2	64·0	63·8	63·6
	11	64·8	64·9	65·0	—	—	—	—	—	—	—	—	—
	12	—	—	—	66·7	66·5	66·5	66·3	66·2	66·1	66·0	65·6	65·5
	13	66·7	66·7	66·7	66·7	66·6	66·3	66·0	65·6	—	65·0	64·8	64·5
	14	64·3	64·2	64·1	64·0	63·8	63·6	63·4	63·4	63·2	63·0	62·8	62·8
	15	60·2	60·0	59·8	59·8	59·8	59·5	59·3	59·3	59·3	59·2	59·0	58·8
	16	59·2	59·2	59·0	59·2	59·2	59·0	58·8	58·6	58·4	58·2	58·0	57·8
	17	60·9	61·0	61·2	61·2	61·2	61·0	61·0	61·0	61·2	61·2	61·0	61·2
	18	64·4	64·4	64·5	—	—	—	—	—	—	—	—	—
	19	—	—	—	66·6	66·6	66·4	66·2	66·1	65·8	65·5	65·2	65·0
	20	63·8	63·7	63·5	63·4	63·2	63·0	62·8	62·6	62·5	62·2	62·0	61·8
	21	61·3	61·1	60·8	60·6	60·2	60·0	59·8	59·7	—	59·2	59·0	58·8
	22	60·2	60·0	59·9	59·8	59·7	59·5	59·2	59·2	59·0	58·6	58·6	58·4
	23	58·8	59·0	59·0	59·0	59·0	59·3	59·3	59·5	59·6	59·7	59·7	59·7
	24	61·6	61·5	61·3	61·1	—	60·4	60·2	60·2	60·2	60·2	60·4	60·5
	25	64·5	64·5	64·5	—	—	—	—	—	—	—	—	—
	26	—	—	—	60·5	60·4	60·2	60·0	59·6	59·3	59·0	59·0	58·9
	27	60·0	60·0	59·8	59·6	59·5	59·3	59·2	59·1	59·0	58·8	58·8	58·8
	28	59·9	59·8	59·8	59·8	59·7	59·7	59·6	59·6	59·4	59·4	59·2	59·2
	29	61·3	61·3	61·2	61·0	60·8	60·7	60·5	60·3	60·1	59·9	59·8	59·6
	30	63·7	63·7	63·6	63·6	63·4	63·2	63·0	62·8	62·7	62·5	62·2	62·2
	31	62·2	62·0	61·8	61·6	61·4	61·2	60·9	60·6	60·5	60·3	60·2	60·3
Hourly Means	62·68	62·66	62·56	62·40	62·22	62·10	61·91	61·80	61·52	61·45	61·30	61·20	

HORIZONTAL FORCE.

One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div. 39'8	Sc. Div. 38'5	Sc. Div. 36'7	Sc. Div. 34'2	Sc. Div. 40'5	Sc. Div. 43'3	Sc. Div. 46'4	Sc. Div. 46'4	Sc. Div. 45'6	Sc. Div. 45'8	Sc. Div. 46'9	Sc. Div. 46'1	Sc. Div. 43'69
43'6	40'0	38'9	39'2	42'3	44'7	47'1	48'0	46'2	46'6	47'1	47'0	45'53
44'4	41'8	41'5	42'9	46'1	46'7	49'5	48'1	48'1	48'1	47'6	47'9	46'67
—	—	—	—	—	—	—	—	—	—	—	—	—
41'6	42'0	42'2	44'3	47'0	49'5	50'0	49'7	47'7	47'4	49'0	49'0	47'41
41'5	39'3	38'2	37'4	42'0	44'0	48'4	46'8	45'5	44'2	45'4	46'0	45'73
40'6	38'1	36'1	37'0	39'1	41'2	43'8	45'5	45'2	46'7	46'2	45'2	44'18
42'3	36'5	31'8	32'4	37'5	40'9	40'2	43'4	45'2	45'3	47'2	47'6	43'40
43'5	40'5	38'2	37'8	41'5	43'2	46'1	47'8	48'8	48'4	48'0	47'9	46'05
44'6	42'6	41'6	41'8	43'2	46'0	47'7	49'8	49'4	47'4	48'1	49'0	46'50
—	—	—	—	—	—	—	—	—	—	—	—	—
43'4	40'0	38'0	38'0	41'0	41'5	43'8	45'2	46'8	46'0	46'5	45'8	45'18
43'6	41'3	40'7	40'0	40'0	42'0	45'2	46'8	49'4	49'7	48'9	49'7	45'82
45'0	43'3	42'3	44'3	50'2	56'8	52'7	42'4	46'1	46'6	48'5	42'4	47'54
43'1	40'4	40'0	41'2	42'7	44'5	50'5	49'2	49'3	52'7	51'8	51'8	45'41
45'8	43'0	40'3	41'2	38'2	42'2	47'8	45'4	38'5	41'1	43'7	41'4	46'72
35'2	33'8	35'6	37'1	39'8	41'0	42'5	43'3	43'8	43'2	43'5	43'2	39'57
—	—	—	—	—	—	—	—	—	—	—	—	—
30'0	19'8	20'7	23'8	24'1	30'4	35'6	42'9	37'3	30'9	34'9	42'2	34'05
19'4	18'9	21'8	26'6	31'6	33'0	34'2	35'0	34'0	40'0	40'2	41'0	31'23
40'0	39'5	38'5	38'6	38'7	42'0	44'0	45'0	46'2	46'3	47'5	47'5	42'63
43'5	39'5	36'8	38'1	41'5	43'7	46'3	47'7	48'0	49'0	49'3	49'5	45'90
45'4	42'4	40'0	40'2	44'3	46'8	49'8	50'5	46'0	44'6	44'2	45'0	47'29
43'6	40'0	42'3	35'7	40'0	31'2	37'8	41'0	44'7	46'8	47'0	37'6	43'49
—	—	—	—	—	—	—	—	—	—	—	—	—
43'8	41'0	40'0	38'7	39'2	41'7	43'6	45'5	46'2	45'5	45'5	46'7	44'14
41'7	41'8	42'0	42'3	43'0	41'5	45'0	48'4	42'2	48'2	49'0	50'0	46'43
44'5	41'4	39'0	38'3	39'7	42'2	44'5	45'9	47'7	48'7	49'8	49'7	46'84
48'4	46'0	43'5	43'2	45'0	47'6	38'2	50'2	48'6	49'2	48'8	48'9	48'06
44'1	39'8	40'2	41'0	41'5	41'4	43'9	42'5	43'5	48'8	47'5	46'5	45'95
41'5	44'7	41'4	35'0	39'3	40'5	43'4	41'6	45'6	43'5	45'5	47'5	43'72
41'63	39'11	38'08	38'16	40'70	42'57	44'74	45'70	45'39	45'95	46'58	46'37	44'41

TEMPERATURE OF THE BIFILAR MAGNET.

63'8	63'8	63'7	63'8	63'7	63'7	63'7	63'9	64'1	64'1	64'2	64'2	64'37
63'0	63'0	63'1	63'2	63'3	63'4	63'6	63'8	64'0	64'0	64'0	64'0	63'60
62'2	62'2	62'3	62'3	62'5	62'5	62'8	62'8	62'9	63'0	63'0	63'2	62'97
—	—	—	—	—	—	—	—	—	—	—	—	—
60'0	60'0	60'5	60'7	61'0	61'4	61'6	62'0	62'2	62'6	62'8	63'0	61'21
61'8	61'8	62'0	62'2	62'6	62'9	63'2	63'6	63'8	64'2	64'5	64'6	62'78
62'7	62'8	62'8	62'8	63'0	63'2	63'3	63'3	63'3	63'3	63'3	63'3	63'44
60'4	60'4	60'6	60'7	61'0	61'2	61'7	61'8	62'0	62'0	62'2	62'2	61'65
60'6	60'8	61'0	61'5	62'0	62'4	63'0	63'3	63'9	64'2	64'7	64'7	62'07
63'5	63'6	63'5	63'5	63'7	63'8	63'8	64'2	64'3	64'5	64'6	64'7	64'27
—	—	—	—	—	—	—	—	—	—	—	—	—
65'4	65'4	65'4	65'4	65'5	65'7	66'0	66'2	66'3	66'4	66'5	66'7	65'87
64'3	64'3	64'2	64'3	64'3	64'4	64'4	64'4	64'4	64'5	64'5	64'4	65'13
62'5	62'2	62'2	62'0	61'6	61'4	61'2	61'0	61'0	60'8	60'6	60'5	62'48
58'6	58'6	58'5	58'5	58'7	58'8	58'8	59'0	59'0	59'0	59'2	59'2	59'16
57'7	57'7	57'7	58'0	58'3	58'7	58'7	59'5	59'5	60'0	60'3	60'5	58'87
61'3	61'4	61'5	61'6	62'0	62'2	62'6	63'0	63'4	63'8	64'0	64'2	61'84
—	—	—	—	—	—	—	—	—	—	—	—	—
64'8	64'7	64'5	64'5	64'4	64'4	64'3	64'2	64'1	64'0	63'8	63'6	64'92
61'7	61'6	61'6	61'7	61'6	61'8	61'7	61'6	61'6	61'6	61'6	61'4	62'25
58'8	58'6	58'6	58'8	58'8	59'0	59'3	59'8	60'0	60'3	60'2	60'3	59'70
58'1	58'0	58'0	58'3	58'3	58'3	58'3	58'5	58'7	58'8	58'8	58'8	58'87
59'7	59'9	60'2	60'3	60'7	60'8	61'2	61'5	61'8	61'8	61'9	62'0	60'14
60'7	61'0	61'6	62'0	62'4	62'8	63'1	63'7	64'0	64'2	64'2	64'4	61'81
—	—	—	—	—	—	—	—	—	—	—	—	—
58'8	58'8	58'8	58'8	59'1	59'2	59'6	59'8	59'8	60'0	60'0	60'0	60'13
58'6	58'6	58'6	58'8	58'9	59'0	59'3	59'5	59'7	59'8	59'8	60'0	59'27
59'2	59'2	59'0	59'2	59'5	59'8	60'2	60'3	60'4	60'8	60'8	61'2	59'78
59'5	59'5	59'6	59'7	60'0	60'8	61'6	62'4	62'8	63'2	63'6	63'7	60'95
62'2	61'6	61'6	61'6	61'8	62'0	62'2	62'3	62'3	62'5	62'4	62'3	62'56
60'4	60'4	60'6	60'8	61'2	61'5	61'8	62'2	62'3	62'5	62'6	62'6	61'33
61'12	61'11	61'17	61'30	61'48	61'67	61'91	62'13	62'30	62'45	62'53	62'59	61'91

HORIZONTAL FORCE.													
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.													
Mean Göttingen Time. }	0h.	1h.	2h.	3h.	4.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
APRIL.	1	Sc. Div. 47'0	Sc. Div. 52'6	Sc. Div. 48'7	Sc. Div. —	Sc. Div. —	Sc. Div. —	Sc. Div. —	Sc. Div. —	Sc. Div. —	Sc. Div. —	Sc. Div. —	
	2	—	—	—	38'8	41'3	40'5	43'0	44'2	42'6	39'5	41'5	
	3	38'1	38'4	37'4	40'0	44'7	44'7	41'1	48'5	47'7	46'3	40'6	44'3
	4	48'0	47'0	46'3	47'2	—	50'6	49'6	48'8	49'8	51'1	49'5	46'2
	5	46'6	47'8	46'0	45'2	47'7	47'2	46'3	46'3	45'8	46'3	43'6	43'4
	6	45'2	44'7	47'7	49'7	43'9	42'1	43'3	44'6	45'8	46'7	44'9	42'8
	7	38'4	28'7	30'0	24'4	30'3	36'2	34'7	39'0	33'8	38'2	33'2	33'5
	8	45'3	43'5	45'0	—	—	—	—	—	—	—	—	—
	9	—	—	—	—	44'8	45'0	45'1	44'9	45'4	46'0	45'4	43'3
	10	47'5	45'8	46'8	47'0	47'0	47'2	47'0	47'3	47'5	47'5	47'3	46'0
	11	50'4	51'0	50'8	50'7	51'1	51'7	52'0	51'0	—	53'6	53'4	51'7
	12	54'0	53'8	53'8	53'5	53'0	52'8	53'2	53'7	53'2	52'8	52'3	50'4
	13	52'1	52'0	51'7	51'6	—	51'6	51'7	51'7	51'7	51'5	51'0	50'0
	14	49'7	49'5	49'1	49'4	50'0	50'5	51'2	51'5	51'5	51'4	51'6	51'1
	15	52'2	50'8	52'7	—	—	—	—	—	—	—	—	—
	16	—	—	—	49'2	49'8	50'8	51'3	52'4	54'0	54'0	52'2	52'6
	17	53'2	52'9	52'8	52'8	52'8	53'8	53'8	54'0	51'0	59'0	53'0	47'0
	18	51'5	51'0	50'0	50'0	49'9	49'9	50'4	50'8	—	49'6	49'1	47'2
	19	50'4	49'7	49'8	49'0	49'8	49'9	52'4	53'0	—	52'1	52'0	52'0
	20	52'3	51'5	51'5	a—	—	—	—	—	—	—	—	—
	21	—	—	—	51'1	53'8	55'3	51'3	51'0	50'8	50'0	48'5	47'3
	22	41'0	43'0	—	—	—	—	—	—	—	—	—	—
	23	—	—	—	45'0	44'0	45'0	44'8	44'1	45'6	46'0	46'6	42'2
	24	49'0	48'9	48'0	49'2	—	50'9	48'4	49'1	49'5	48'2	49'4	48'6
	25	52'2	51'4	52'1	53'0	52'8	52'5	52'1	52'3	—	53'1	52'8	51'0
	26	50'2	50'0	49'8	49'5	49'2	49'2	49'2	49'5	49'2	49'0	48'8	47'5
	27	47'3	47'2	47'5	47'7	48'1	48'3	48'8	49'1	—	50'2	50'0	48'0
	28	49'9	49'8	49'4	49'3	49'0	48'7	49'3	50'3	49'8	50'0	50'0	48'4
	29	44'0	43'4	46'3	—	—	—	—	—	—	—	—	—
	30	—	—	—	49'3	51'2	50'0	51'2	53'6	53'8	53'4	55'0	52'3
Hourly Means	48'15	47'68	47'97	47'46	47'82	48'52	48'38	47'53	48'34	49'39	48'40	46'97	

TEMPERATURE OF THE BIFILAR MAGNET.													
APRIL.	1	62°6	62°6	62°6	°	°	°	°	°	°	°	°	
	2	—	—	—	63'0	63'0	63'0	62'8	62'8	62'6	62'5	62'3	62'1
	3	61'3	61'1	60'8	60'5	60'4	60'1	59'7	59'4	59'0	58'8	58'4	58'0
	4	58'7	58'6	58'5	58'3	—	58'0	57'8	57'6	57'4	57'2	57'0	57'0
	5	62'6	62'8	63'0	63'0	63'2	63'5	63'5	63'7	63'7	63'6	63'4	63'3
	6	64'0	64'0	63'8	63'7	63'7	63'1	62'8	62'5	62'0	61'8	61'4	61'2
	7	60'3	60'4	60'3	60'2	59'9	59'6	59'6	59'4	59'3	59'3	59'2	59'3
	8	60'8	60'8	60'8	—	—	—	—	—	—	—	—	—
	9	—	—	—	—	62'3	62'2	62'1	62'1	62'0	61'8	61'6	61'6
	10	62'1	62'1	61'8	61'7	61'4	61'2	61'0	61'0	60'8	60'6	60'5	60'5
	11	59'4	59'0	58'6	58'4	58'0	57'7	57'2	57'0	—	56'3	55'8	55'5
	12	55'2	55'2	55'2	55'2	55'2	55'2	55'3	55'3	55'4	55'6	55'8	56'0
	13	59'4	59'6	59'7	59'8	—	60'0	60'0	60'0	60'0	60'0	60'0	59'9
	14	63'2	63'0	60'0	62'8	62'5	62'2	62'0	61'9	61'7	61'5	61'3	61'3
	15	60'2	60'0	59'8	—	—	—	—	—	—	—	—	—
	16	—	—	—	55'8	55'6	55'4	55'0	54'8	54'5	54'3	54'0	54'0
	17	55'0	55'0	55'0	55'0	55'0	54'9	54'8	54'8	55'0	55'0	55'2	55'5
	18	57'8	57'8	57'9	58'0	58'2	58'3	58'4	58'4	—	58'4	58'4	58'6
	19	59'1	58'9	58'6	58'4	58'2	58'0	57'8	57'6	—	57'1	57'0	56'8
	20	58'1	58'0	57'8	a—	—	—	—	—	—	—	—	—
	21	—	—	—	59'1	59'2	59'2	59'2	59'2	59'0	59'0	59'0	59'0
	22	63'2	63'2	—	—	—	—	—	—	—	—	—	—
	23	—	—	—	64'5	64'4	64'3	64'1	64'0	64'0	63'8	63'5	63'3
	24	62'8	62'5	62'2	62'0	—	61'3	61'1	60'7	60'5	60'3	59'8	59'5
	25	58'3	58'3	58'2	58'2	58'0	58'0	57'8	57'8	—	57'8	57'9	58'0
	26	62'8	63'0	63'2	63'2	63'3	63'5	63'8	64'0	64'2	64'3	64'4	64'5
	27	66'5	66'2	66'0	65'8	65'5	65'3	65'0	64'7	—	64'2	64'0	63'8
	28	64'8	65'0	65'0	65'0	65'0	65'0	64'8	64'8	64'8	64'6	64'5	64'5
	29	63'6	63'4	63'0	—	—	—	—	—	—	—	—	—
	30	—	—	—	58'5	58'3	58'2	57'9	57'6	57'4	57'0	56'8	56'6
Hourly Means	60'91	60'85	60'64	60'44	60'50	60'30	60'15	60'05	60'17	59'78	59'63	59'58	

^a Good Friday.

HORIZONTAL FORCE.

One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
37.2	33.8	30.0	31.2	34.2	40.0	43.0	42.0	47.0	40.8	41.9	44.6	41.08
36.6	38.5	37.0	31.0	38.0	40.2	47.3	44.1	48.0	45.0	47.3	48.0	42.20
42.3	40.0	39.7	38.7	39.8	41.5	44.5	46.2	47.0	44.3	46.3	47.8	45.75
39.8	36.0	32.8	34.0	39.6	39.0	42.4	42.2	43.5	43.0	43.5	45.0	43.04
40.2	35.8	29.5	32.0	36.8	43.6	50.5	42.0	49.6	38.3	31.9	34.5	41.92
33.0	30.7	30.4	33.0	34.5	34.2	35.8	40.0	43.9	43.2	42.9	44.7	35.28
41.2	39.6	38.2	38.0	37.9	42.4	43.3	44.6	44.5	44.7	46.3	46.8	43.40
42.8	41.5	40.0	40.0	42.4	44.6	45.0	46.7	49.1	49.6	50.3	50.3	46.09
49.6	48.5	48.2	49.3	47.0	48.4	49.5	52.5	52.2	53.3	54.0	53.8	51.03
48.8	47.2	45.3	44.0	45.5	47.5	49.2	50.8	51.2	52.0	52.1	52.2	50.93
48.3	47.2	45.1	43.5	42.8	44.8	46.3	47.8	48.5	49.7	49.5	49.5	49.11
48.9	45.7	43.8	42.4	44.0	47.1	49.0	50.0	50.8	51.8	52.2	52.6	49.37
51.2	45.2	42.7	42.2	41.0	45.5	48.2	49.3	52.9	53.5	52.3	52.9	49.95
45.2	42.4	39.7	44.0	43.4	44.0	45.1	46.0	49.0	50.7	51.2	51.7	49.52
46.0	43.8	40.5	38.0	41.6	45.6	47.0	48.0	46.0	46.3	48.5	49.0	47.38
49.5	46.6	45.0	44.6	46.4	47.5	48.8	50.0	50.0	51.7	50.9	51.5	49.68
45.6	44.1	43.7	47.0	43.6	43.1	48.9	44.7	34.0	31.0	38.0	38.9	46.54
41.3	40.3	36.2	37.0	40.0	42.6	43.9	46.8	47.9	47.7	48.0	48.0	43.74
45.6	43.8	41.7	42.0	43.2	48.2	48.0	50.3	51.5	52.0	51.2	53.0	48.25
49.1	46.0	43.1	43.3	44.2	46.0	48.2	50.0	50.6	51.3	51.2	49.5	49.90
44.2	41.5	39.6	39.3	40.8	41.8	43.8	45.9	47.0	47.7	47.8	48.0	46.60
46.1	43.8	41.8	40.0	41.7	43.8	45.7	47.8	49.2	50.0	50.0	49.9	47.04
45.4	44.6	44.7	42.6	43.6	45.0	45.0	46.2	43.3	35.8	38.4	42.8	46.30
51.8	49.7	48.2	44.5	45.1	48.6	38.9	46.9	48.6	48.6	50.5	47.5	48.85
44.57	42.35	40.28	40.07	41.54	43.96	45.72	46.70	47.72	46.75	47.34	48.02	46.04

TEMPERATURE OF THE BIFILAR MAGNET.

°	°	°	°	°	°	°	°	°	°	°	°	°
61.8	61.8	61.8	62.2	62.2	62.2	62.1	62.0	62.0	61.8	61.6	61.5	62.29
57.7	57.6	57.6	57.6	57.7	58.2	58.3	58.5	58.6	58.8	58.8	58.7	58.98
57.0	57.1	57.3	57.5	58.0	58.7	59.5	60.3	61.0	61.6	62.0	62.6	58.64
63.2	63.0	63.2	63.4	63.6	63.8	63.8	64.0	64.0	64.1	64.2	64.2	63.50
60.8	60.6	60.5	60.4	60.3	60.3	60.2	60.3	60.5	60.5	60.4	60.3	61.63
59.3	59.2	59.3	59.3	59.5	59.8	60.0	60.4	60.5	60.6	60.8	60.8	59.85
61.7	61.4	61.5	61.8	62.0	62.1	62.2	62.3	62.3	62.3	62.3	62.2	61.83
60.4	60.6	60.6	60.8	60.8	60.8	60.8	60.6	60.4	60.0	60.0	59.6	60.84
55.0	54.8	54.6	54.5	54.5	54.6	54.6	54.8	55.0	55.0	55.0	55.0	56.10
56.2	56.6	56.8	57.0	57.4	57.7	58.2	58.3	58.7	59.1	59.3	59.3	56.63
60.1	60.3	60.6	61.2	61.5	61.8	62.3	62.7	63.2	63.4	63.4	63.4	60.97
61.0	61.0	60.8	60.7	60.6	60.7	60.6	60.5	60.5	60.3	60.2	60.3	61.40
53.8	53.8	53.8	54.2	54.4	54.6	54.6	54.8	55.0	55.0	55.0	55.0	55.31
55.6	55.6	55.6	55.6	55.8	56.0	56.2	56.6	56.7	57.0	57.2	57.5	55.65
58.5	58.6	58.7	58.8	58.9	59.0	59.2	59.3	59.3	59.3	59.2	59.2	58.62
56.8	56.8	56.8	57.0	57.2	57.3	57.5	57.7	57.8	58.0	58.2	58.2	57.69
58.9	59.0	59.3	59.7	60.2	60.5	61.1	61.6	62.2	62.5	62.8	63.1	59.86
63.3	63.2	63.2	63.3	63.2	63.2	63.1	63.0	63.0	63.0	63.0	62.9	63.46
59.1	59.0	58.9	58.7	58.7	58.7	58.6	58.6	58.4	58.4	58.3	58.3	59.84
58.1	58.2	58.3	58.6	59.0	59.5	60.0	60.5	61.2	61.7	62.0	62.5	59.04
64.6	64.8	65.0	65.2	65.5	65.8	66.2	66.2	66.6	66.7	66.8	66.8	64.77
63.8	63.5	63.5	63.7	63.7	64.0	64.2	64.3	64.5	64.5	64.6	64.8	64.61
64.3	64.3	64.4	64.6	64.6	64.6	64.8	64.6	64.5	64.4	64.0	63.8	64.6.
56.5	56.5	56.4	56.5	56.6	56.7	56.8	57.1	57.3	57.2	57.3	57.3	57.94
59.48	59.47	59.52	59.68	59.83	60.02	60.20	60.37	60.55	60.63	60.68	60.72	60.17

HORIZONTAL FORCE.													
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.													
Mean Göttingen Time.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
MAY.	1	52.1	50.7	51.5	52.8	—	52.2	51.6	49.7	49.2	49.8	50.8	
	2	51.3	53.5	50.9	51.2	—	52.1	52.0	52.4	53.5	52.9	53.5	
	3	49.7	56.0	56.3	50.2	56.0	54.5	51.8	51.8	52.0	52.5	52.5	
	4	50.6	50.3	50.4	49.9	—	50.8	51.3	52.4	56.6	56.5	54.4	53.5
	5	53.8	53.8	53.0	52.6	52.6	52.5	53.7	54.4	54.1	53.7	53.3	52.0
	6	55.2	56.3	53.8	—	—	—	—	—	—	—	—	—
	7	—	—	—	55.0	55.2	55.6	55.8	56.5	58.8	58.2	57.8	56.0
	8	48.7	45.2	44.4	41.4	48.4	46.7	49.0	53.8	46.8	52.2	53.6	51.8
	9	51.6	51.6	54.2	52.1	51.2	51.3	53.2	55.7	61.3	58.8	52.7	52.4
	10	44.4	46.9	41.0	43.4	46.2	48.3	49.8	50.0	—	52.4	51.1	51.0
	11	51.6	51.9	52.0	54.2	53.6	53.3	53.5	54.1	54.8	55.0	54.7	54.1
	12	57.0	57.0	57.0	56.9	56.4	56.7	57.0	57.1	57.5	57.8	58.5	57.7
	13	56.3	55.9	55.3	—	—	—	—	—	—	—	—	—
	14	—	—	—	58.4	58.4	58.4	58.3	58.7	59.0	59.3	59.6	58.3
	15	58.8	58.1	58.6	58.2	58.3	59.0	59.3	59.8	59.8	60.0	59.8	58.7
	16	57.0	56.0	55.6	57.1	57.0	57.0	56.8	56.4	59.0	60.4	58.9	57.0
	17	56.8	55.2	55.6	56.2	58.8	58.5	58.2	59.7	55.9	53.8	56.4	55.4
	18	41.5	44.7	49.8	49.0	50.3	51.0	50.5	50.7	43.2	44.0	45.7	46.6
	19	48.6	48.4	47.6	52.1	53.5	52.6	51.8	50.5	52.1	51.0	54.2	51.4
	20	50.0	51.0	51.2	—	—	—	—	—	—	—	—	—
	21	—	—	—	54.0	54.1	54.3	55.2	54.4	54.8	55.3	55.5	52.7
	22	54.1	53.9	54.0	53.6	55.0	53.4	52.9	53.1	53.5	53.8	52.0	51.8
	23	53.9	54.0	54.2	53.9	—	54.0	54.3	54.9	55.3	55.6	55.3	55.3
	24	56.0	56.0	56.0	53.6	52.8	53.2	54.4	54.7	55.0	55.5	55.3	50.5
	25	53.4	56.7	53.9	53.3	53.8	54.2	54.8	55.0	56.0	56.9	58.5	57.6
	26	54.0	55.8	56.0	56.5	56.5	56.9	57.3	57.4	57.9	58.2	58.0	59.0
	27	53.8	51.8	57.1	—	—	—	—	—	—	—	—	—
	28	—	—	—	53.8	54.7	55.5	56.2	57.0	56.4	56.2	55.7	52.0
	29	57.5	53.8	54.5	55.0	52.9	53.3	53.6	55.1	54.0	54.6	55.4	56.1
	30	56.3	55.8	55.5	56.6	57.3	57.6	57.7	58.0	58.0	58.1	59.0	59.0
	31	61.4	59.5	58.5	61.3	—	60.2	59.4	60.3	60.8	61.0	59.8	64.8
Hourly Means	53.16	53.33	53.25	53.42	54.23	54.19	54.42	54.95	55.20	55.31	55.26	54.63	
TEMPERATURE OF THE BIFILAR MAGNET.													
MAY.	1	57.5	57.4	57.4	57.5	—	57.8	58.0	58.0	58.2	58.3	58.3	
	2	58.8	58.8	58.6	58.4	—	57.8	57.7	57.5	57.3	57.2	57.1	
	3	56.0	56.0	56.0	56.0	56.0	56.0	55.8	55.8	55.8	55.8	55.8	
	4	59.3	59.3	59.2	59.1	—	58.6	58.2	58.0	57.8	57.6	57.3	
	5	56.2	56.2	56.0	56.0	55.9	55.8	55.8	55.8	55.7	55.7	55.6	
	6	55.7	55.7	55.7	—	—	—	—	—	—	—	—	
	7	—	—	—	55.0	55.0	55.0	55.0	55.0	54.9	54.8	54.8	
	8	55.4	55.4	55.2	55.0	54.8	54.7	54.6	54.3	54.5	54.5	54.3	
	9	54.4	54.4	54.3	54.2	54.3	54.3	54.3	54.2	54.0	54.0	53.8	
	10	53.8	53.8	53.9	53.7	53.8	53.7	53.5	53.5	—	53.0	53.0	
	11	52.8	52.8	52.8	52.8	52.8	52.8	42.8	52.7	52.7	52.6	52.6	
	12	53.0	53.0	52.9	52.9	52.8	52.8	52.7	52.7	52.4	52.2	52.0	
	13	52.7	52.7	52.7	—	—	—	—	—	—	—	—	
	14	—	—	—	51.0	51.0	50.9	50.9	50.8	51.0	51.0	51.0	
	15	51.2	51.0	51.0	50.9	51.1	51.0	50.9	50.8	50.8	50.8	50.7	
	16	53.4	53.5	53.6	53.6	53.4	53.2	53.2	53.2	53.1	53.0	53.0	
	17	53.6	53.6	53.6	53.5	53.5	53.5	53.5	53.3	53.1	53.0	52.8	
	18	53.3	53.3	53.2	53.1	53.2	53.1	53.0	52.9	52.8	52.8	52.8	
	19	54.0	54.0	54.0	54.0	53.8	53.6	53.4	53.4	53.1	53.0	52.9	
	20	54.0	52.9	52.8	—	—	—	—	—	—	—	—	
	21	—	—	—	54.3	54.2	54.1	54.0	53.8	53.6	53.6	53.4	
	22	55.3	55.3	55.4	55.6	55.8	56.0	56.0	56.0	56.0	55.8	56.0	
	23	56.2	56.0	56.0	55.8	—	55.5	55.2	55.0	55.0	54.9	54.6	
	24	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	54.8	54.8	54.8	
	25	55.6	55.5	55.3	55.0	54.8	54.5	54.2	54.0	53.7	53.3	53.0	
	26	52.9	52.8	52.5	52.3	51.9	51.7	51.5	51.3	51.2	50.7	50.4	
	27	50.2	50.4	50.7	—	—	—	—	—	—	—	—	
	28	—	—	—	52.8	52.8	53.0	53.2	53.3	53.4	53.3	53.3	
	29	55.3	55.2	55.2	55.2	54.9	54.8	54.6	54.4	54.5	54.3	54.2	
	30	52.8	52.5	52.5	52.3	52.3	52.1	52.0	51.7	51.5	51.3	51.1	
	31	49.6	49.6	49.4	49.4	—	49.2	49.2	49.2	49.1	49.1	49.1	
Hourly Means	54.33	54.30	54.25	54.24	53.77	54.10	54.01	53.91	53.85	53.72	53.66		

HORIZONTAL FORCE.												
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.												
12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div. 47.7	Sc. Div. 46.5	Sc. Div. 43.0	Sc. Div. 43.6	Sc. Div. 44.2	Sc. Div. 44.6	Sc. Div. 47.3	Sc. Div. 45.4	Sc. Div. 49.3	Sc. Div. 49.7	Sc. Div. 47.9	Sc. Div. 51.3	Sc. Div. 48.74
52.0	47.3	44.5	44.8	45.8	44.9	48.0	50.5	51.5	47.8	48.5	49.7	50.10
51.5	49.5	46.7	44.1	47.4	48.5	50.7	52.9	52.5	54.2	46.6	47.3	51.11
52.4	49.7	46.6	45.5	47.2	50.0	52.3	52.0	52.3	50.7	53.3	50.7	51.28
50.0	45.5	46.0	45.6	47.4	48.4	51.0	53.0	52.6	54.0	55.4	54.6	51.79
—	—	—	—	—	—	—	—	—	—	—	—	—
51.7	52.6	47.0	44.0	47.4	49.3	48.0	50.6	50.0	48.7	44.9	43.9	52.18
50.0	46.0	44.0	43.6	45.0	45.6	47.5	48.0	48.5	50.1	52.2	51.7	48.09
51.5	51.0	50.0	48.3	47.7	49.6	51.5	52.1	54.6	54.6	53.0	49.2	52.47
50.5	48.6	47.3	45.5	43.2	47.7	48.7	50.0	50.6	52.5	52.0	52.3	48.41
52.1	49.4	49.2	49.4	51.7	53.2	54.3	55.7	56.1	56.8	57.0	56.9	53.52
52.8	51.2	49.2	48.9	49.1	50.0	52.3	54.6	55.2	55.3	55.6	56.1	54.87
—	—	—	—	—	—	—	—	—	—	—	—	—
55.3	53.5	52.6	52.7	53.3	54.3	56.0	57.8	58.0	58.4	59.0	58.8	56.90
56.2	54.7	53.2	54.0	55.1	56.1	57.3	58.5	58.5	58.2	58.3	58.0	57.77
53.4	52.2	51.2	51.9	54.2	53.7	55.2	56.5	57.2	57.2	57.8	57.1	56.07
55.1	55.2	54.6	53.2	49.6	40.6	47.4	42.0	48.0	40.4	48.9	45.5	52.54
42.9	34.7	47.2	50.5	55.9	43.5	44.3	46.7	46.8	48.2	—	49.2	46.82
50.9	49.8	48.5	49.1	49.6	51.0	49.3	51.2	52.2	52.2	52.9	56.0	51.10
—	—	—	—	—	—	—	—	—	—	—	—	—
51.7	51.1	49.2	48.8	50.0	51.6	51.6	51.5	50.7	54.0	53.3	56.6	52.61
50.6	49.6	48.2	47.5	47.6	49.5	51.1	52.6	53.3	53.6	53.9	54.2	52.20
54.7	51.9	50.5	49.5	49.7	51.0	54.2	55.7	57.0	55.8	56.0	56.0	54.03
49.5	45.0	49.1	51.2	49.7	49.7	50.5	51.4	49.5	50.2	53.0	52.8	52.48
55.6	54.0	51.9	49.7	49.6	48.8	50.8	51.2	54.8	55.5	55.2	53.8	53.96
59.2	57.6	57.5	56.5	55.2	56.7	54.1	53.5	52.7	51.0	53.8	56.2	56.15
—	—	—	—	—	—	—	—	—	—	—	—	—
53.6	52.4	50.6	49.5	51.0	50.2	52.5	53.0	52.2	51.5	51.2	52.5	53.35
55.0	53.5	52.8	53.0	52.6	51.4	54.0	55.8	54.7	55.3	56.2	56.2	54.43
58.5	57.2	56.0	54.7	53.8	54.0	54.3	56.9	57.6	57.5	57.8	59.0	56.92
62.8	62.6	56.3	52.7	53.5	54.0	54.3	49.8	55.3	55.9	57.0	56.7	58.17
52.86	50.83	49.73	49.18	49.87	49.92	51.42	52.18	53.03	52.93	53.49	53.42	52.91

TEMPERATURE OF THE BIFILAR MAGNET.												
58.3	58.3	58.4	58.4	58.5	58.6	58.6	58.6	58.7	59.0	58.8	58.8	58.25
56.6	56.4	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.2	56.2	56.93
56.2	56.3	56.8	57.0	57.5	58.2	58.4	58.7	59.2	59.3	59.3	59.3	56.97
57.0	56.7	56.6	56.5	56.4	56.3	56.3	56.5	56.4	56.4	56.2	56.3	57.36
55.5	55.5	55.6	55.5	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.6	55.64
—	—	—	—	—	—	—	—	—	—	—	—	—
54.8	54.7	55.0	55.1	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.22
54.4	54.2	54.2	54.2	54.1	54.2	54.3	54.4	54.5	54.5	54.4	54.5	54.55
53.6	53.5	53.4	53.3	53.4	53.4	53.4	53.5	53.5	53.5	53.7	53.8	53.82
52.6	52.4	52.3	52.3	52.2	52.4	52.4	52.4	52.6	52.7	52.8	52.8	52.97
52.4	52.4	52.4	52.5	52.7	52.8	52.8	52.8	53.0	53.0	53.0	53.0	52.72
51.6	51.5	51.6	51.7	52.0	52.1	52.3	52.4	52.6	52.6	52.6	52.6	52.37
—	—	—	—	—	—	—	—	—	—	—	—	—
50.8	50.8	50.8	50.8	51.0	51.0	51.2	51.2	51.3	51.2	51.2	51.0	51.21
50.6	50.8	50.8	51.0	51.4	52.0	52.4	52.7	53.0	53.2	53.3	53.4	51.48
53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.4	53.5	53.5	53.5	53.7	53.30
52.4	52.4	52.6	52.6	52.8	53.0	53.1	53.3	53.3	53.3	53.5	53.5	53.14
52.6	52.7	52.7	52.8	53.0	53.3	53.5	53.8	53.7	54.0	—	54.0	53.14
52.6	52.4	52.4	52.6	52.6	52.8	53.0	53.0	53.2	53.2	53.2	53.2	53.17
—	—	—	—	—	—	—	—	—	—	—	—	—
53.0	53.0	53.0	53.2	53.3	53.4	53.6	54.1	54.3	54.5	54.9	55.0	53.68
56.5	56.3	56.3	56.3	56.2	56.2	56.4	56.4	56.4	56.4	56.4	56.2	56.10
54.0	54.0	54.0	54.0	54.0	54.2	54.4	54.6	54.8	55.0	55.0	55.0	54.85
54.6	54.7	54.8	55.0	55.4	55.6	55.8	55.9	56.0	56.1	56.1	55.9	55.21
52.6	52.3	52.3	52.3	52.4	52.5	52.8	53.2	53.2	53.3	53.2	53.2	53.54
50.0	49.6	49.5	49.5	49.1	49.1	49.2	49.5	49.7	50.0	50.1	50.2	50.62
—	—	—	—	—	—	—	—	—	—	—	—	—
53.5	53.6	53.8	54.0	54.2	54.5	54.8	54.8	55.0	55.0	55.2	55.0	53.48
53.9	53.8	53.8	53.8	53.5	53.6	53.3	53.2	53.2	53.0	53.0	52.9	54.18
50.9	50.9	50.8	50.7	50.5	50.5	50.4	50.3	50.2	50.1	49.9	49.8	51.17
49.3	49.3	49.4	49.5	49.8	50.0	50.2	50.4	50.6	50.6	50.6	50.8	49.67
53.46	53.40	53.43	53.47	53.55	53.70	53.80	53.93	54.03	54.09	54.12	54.12	53.88

HORIZONTAL FORCE.												
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah'. = '000230.												
Mean Göttingen Time. } JUNE.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8.	9.	10h.	11h.
	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sci Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
1	57.0	56.7	56.0	55.5	56.4	56.4	55.6	56.5	56.6	56.7	57.4	57.4
2	55.2	55.8	57.0	56.7	57.0	57.2	57.7	58.5	58.4	58.6	59.5	60.1
3	58.1	59.0	59.1	—	—	—	—	—	—	—	—	—
4	—	—	—	61.2	57.8	58.8	58.0	57.8	58.2	58.7	59.5	59.2
5	58.0	57.1	56.4	56.0	56.2	56.5	56.3	56.8	56.5	56.6	57.0	56.8
6	54.8	55.4	56.1	56.9	57.2	57.6	58.0	57.7	—	59.0	58.7	59.3
7	59.5	59.4	59.7	59.4	59.4	59.3	58.9	59.5	60.1	60.2	60.9	61.2
8	59.0	58.0	58.1	58.0	58.6	58.5	59.1	59.9	60.6	61.0	61.0	62.5
9	60.7	60.9	60.7	60.9	61.2	61.6	62.0	62.6	—	63.0	62.8	63.0
10	60.4	60.8	59.8	—	—	—	—	—	—	—	—	—
11	—	—	—	57.4	58.5	59.0	59.1	59.2	59.6	59.9	61.2	61.0
12	58.4	59.6	60.0	60.1	—	60.2	60.0	59.8	59.8	59.9	60.7	60.4
13	60.7	61.0	61.1	61.4	60.8	60.3	60.7	61.7	61.3	62.5	62.8	63.0
14	62.1	62.3	61.2	62.0	63.0	63.2	60.4	61.5	61.7	61.7	59.8	61.5
15	59.6	58.7	58.4	59.7	60.0	60.2	60.6	60.5	61.0	61.2	60.6	61.0
16	59.0	59.6	59.6	58.7	59.5	59.2	60.1	60.0	59.6	59.6	59.7	60.9
17	59.2	58.8	58.8	—	—	—	—	—	—	—	—	—
18	—	—	—	—	58.0	58.2	58.6	59.0	59.2	59.5	59.4	58.7
19	59.1	59.0	58.7	58.4	—	59.4	60.0	60.4	—	63.0	64.8	64.0
20	56.0	56.3	57.0	58.0	58.0	58.3	58.8	59.4	59.4	59.4	61.8	60.1
21	59.2	57.9	56.2	56.1	56.8	58.2	59.5	59.0	60.5	60.7	64.5	63.5
22	55.7	56.2	57.2	54.9	56.3	60.0	62.7	54.6	55.8	57.5	58.4	54.5
23	58.4	58.1	58.1	58.2	59.0	58.9	59.7	59.5	59.8	59.8	60.0	60.6
24	60.2	59.7	59.7	—	—	—	—	—	—	—	—	—
25	—	—	—	58.3	58.9	59.1	58.6	58.8	—	59.9	59.8	59.6
26	57.0	56.8	57.6	58.0	58.6	58.8	58.8	59.3	59.8	60.3	60.3	60.0
27	59.3	59.2	59.5	60.9	60.7	60.2	59.8	59.7	59.9	59.8	60.0	59.6
28	58.7	59.2	59.0	59.4	58.8	59.2	59.8	60.2	59.8	59.9	60.8	61.1
29	59.7	59.4	58.8	59.0	59.4	60.0	60.4	61.0	60.6	60.0	59.8	60.4
30	56.3	56.2	56.3	57.3	—	57.1	57.0	57.6	58.0	58.0	58.1	58.5
Hourly Means	58.51	58.50	58.47	58.48	58.84	59.05	59.24	59.25	59.37	59.86	60.36	60.30
TEMPERATURE OF THE BIFILAR MAGNET.												
JUNE.	1	2	3	4	5	6	7	8	9	10	11	12
1	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	40.8	50.8	50.8	50.8
2	52.0	51.9	51.8	51.6	51.3	51.3	51.2	51.0	50.2	50.0	50.0	49.8
3	50.3	50.2	50.1	—	—	—	—	—	—	—	—	—
4	—	—	—	48.3	48.2	48.1	48.8	48.0	48.2	48.2	48.2	48.3
5	51.2	51.2	51.3	51.3	51.6	51.6	51.6	51.5	51.4	51.2	51.2	51.2
6	53.4	53.3	53.0	52.8	52.6	52.4	52.0	51.8	—	51.2	50.8	50.5
7	50.0	50.0	50.2	50.2	50.1	50.1	50.1	50.1	50.2	50.3	50.3	50.3
8	51.0	50.8	50.7	50.4	50.4	50.2	50.1	50.0	49.8	49.6	49.4	49.4
9	48.4	48.3	48.2	48.2	48.0	48.8	47.8	47.8	—	47.5	47.3	47.2
10	48.0	48.0	48.0	—	—	—	—	—	—	—	—	—
11	—	—	—	49.5	49.5	49.3	49.3	49.2	49.0	48.8	48.8	48.6
12	49.0	49.1	49.1	49.0	—	48.6	48.4	48.4	48.3	48.2	48.0	48.0
13	48.2	48.4	48.2	48.2	48.1	48.0	48.0	47.8	48.0	47.9	47.7	47.6
14	47.8	47.8	47.8	47.8	47.7	47.8	47.7	47.7	47.8	47.8	47.5	47.6
15	47.8	47.7	47.7	47.6	47.4	47.4	47.2	47.2	47.1	47.0	46.9	46.9
16	49.2	49.2	49.2	49.4	49.2	49.1	49.0	49.0	49.2	49.1	49.2	49.1
17	50.5	50.5	50.7	—	—	—	—	—	—	—	—	—
18	—	—	—	—	51.2	51.2	51.2	51.4	51.5	51.5	51.7	51.8
19	53.2	53.0	52.9	52.7	—	52.1	52.0	51.9	—	51.5	51.3	51.3
20	51.5	51.5	51.3	51.2	51.2	51.1	50.9	50.7	50.4	50.2	50.0	50.0
21	51.0	50.9	50.7	50.6	50.5	50.5	50.3	50.2	50.0	50.0	49.8	49.7
22	50.1	50.0	49.8	49.8	49.8	49.6	49.6	49.3	49.3	49.3	49.3	49.3
23	48.1	48.0	48.0	48.0	48.0	48.0	48.0	48.0	47.8	47.8	47.8	47.8
24	48.3	48.3	48.5	—	—	—	—	—	—	—	—	—
25	—	—	—	49.0	49.0	49.0	48.9	48.9	—	48.8	48.8	48.7
26	50.5	50.3	50.3	50.2	50.3	50.1	50.0	50.0	49.8	49.8	49.7	49.5
27	50.1	50.2	50.2	50.2	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
28	52.6	52.4	52.2	52.0	52.0	52.0	51.8	51.7	51.6	51.4	51.2	51.0
29	50.4	50.5	50.6	50.7	50.7	50.8	50.9	51.0	51.0	51.0	51.0	51.2
30	53.5	53.4	53.3	53.2	—	52.8	52.8	52.6	52.5	52.3	52.2	52.2
Hourly Means	50.26	50.22	50.18	50.11	49.90	49.99	49.90	49.83	49.72	49.66	49.58	49.53

HORIZONTAL FORCE.												
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah'. = '000230.												
12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div. 56.7	Sc. Div. 54.6	Sc. Div. 53.4	Sc. Div. 51.8	Sc. Div. 50.5	Sc. Div. 51.0	Sc. Div. 51.8	Sc. Div. 53.8	Sc. Div. 55.1	Sc. Div. 55.2	Sc. Div. 55.6	Sc. Div. 55.2	Sc. Div. 55.12
59.4	57.6	54.3	50.7	51.6	53.2	55.0	56.2	57.1	58.5	58.0	58.4	56.74
58.2	57.2	56.0	54.7	50.4	54.0	56.0	57.1	58.4	58.3	57.8	58.4	57.58
56.0	54.7	54.0	52.7	52.6	52.0	53.0	56.8	56.2	56.4	57.0	56.8	55.77
59.0	58.6	57.7	56.5	55.2	56.0	57.0	59.5	59.7	59.8	59.8	59.2	57.77
61.0	59.1	57.2	55.5	55.0	56.0	56.3	57.8	58.4	59.3	59.2	59.6	58.83
61.9	60.6	59.0	57.6	56.8	55.6	57.1	58.4	59.9	60.5	60.3	60.2	59.26
63.2	61.8	60.5	59.2	57.0	55.6	56.8	57.0	58.6	58.7	58.3	57.9	60.17
60.8	59.9	59.1	58.0	57.8	58.4	59.1	59.6	60.5	60.8	60.2	57.4	59.48
60.5	60.1	58.8	58.9	58.8	58.7	60.2	60.4	61.5	61.4	60.7	59.4	59.93
63.0	63.0	61.7	59.2	58.6	59.7	60.0	60.5	61.2	62.4	62.7	62.6	61.33
63.0	61.0	59.0	57.4	56.0	56.2	57.6	57.5	59.4	59.7	59.5	59.1	60.24
61.0	58.7	57.6	57.9	57.8	57.6	58.8	60.0	59.7	60.0	60.6	58.4	59.57
61.1	60.0	59.2	57.8	56.5	57.1	58.0	59.0	59.8	59.9	59.9	59.2	59.29
58.0	56.8	56.0	53.7	54.3	56.2	57.3	57.8	58.3	58.9	59.1	59.1	57.95
60.8	58.5	56.3	53.8	53.4	55.0	56.8	56.8	56.3	56.0	55.2	57.0	58.30
57.7	56.1	52.7	53.0	54.6	56.2	57.7	58.9	58.9	59.2	59.2	59.3	57.75
59.5	57.1	55.1	53.7	51.7	53.8	53.7	55.6	53.5	50.8	48.5	48.2	56.39
52.2	50.2	50.0	51.8	51.3	52.0	53.5	53.7	53.1	57.0	57.2	58.4	55.17
59.7	57.8	56.0	56.3	54.6	53.5	56.0	57.2	57.3	58.0	58.6	59.9	58.12
53.0	58.2	57.5	55.2	54.4	55.8	58.7	58.4	58.0	58.4	59.0	58.3	58.37
57.8	53.8	53.6	54.2	54.1	55.0	57.3	58.7	59.6	60.0	60.1	59.4	57.87
58.0	57.0	56.2	55.2	55.3	56.7	58.4	59.3	60.0	59.7	59.3	58.8	58.85
60.9	58.7	55.6	53.0	54.1	55.9	56.2	57.5	59.0	59.3	59.6	59.8	58.56
59.8	57.9	55.0	54.0	53.8	54.2	56.5	57.3	54.0	—	55.2	55.7	57.91
58.7	57.0	54.3	52.9	51.4	52.7	57.3	58.6	59.8	58.7	58.2	54.2	56.70
59.46	57.92	56.38	55.18	54.52	55.31	56.77	57.82	58.20	58.67	58.42	58.07	58.19

TEMPERATURE OF THE BIFILAR MAGNET.												
50.8	50.8	50.8	51.0	51.2	51.4	52.0	52.1	52.2	52.2	52.2	52.1	51.17
49.5	49.6	49.8	49.9	50.1	50.3	50.5	50.6	50.7	50.7	50.6	50.5	50.60
48.3	48.5	48.7	49.0	49.3	49.7	50.2	50.6	50.9	51.2	51.2	51.2	49.30
51.2	51.2	51.7	52.0	52.5	53.0	53.3	53.4	53.6	53.6	53.6	53.5	52.04
50.3	50.3	50.1	50.0	50.0	49.8	50.0	50.0	50.0	50.0	50.0	50.2	51.07
50.4	50.4	50.6	50.8	50.8	51.0	51.0	51.0	51.0	51.0	51.2	51.0	50.50
49.2	49.0	49.0	49.0	49.1	49.1	49.0	49.0	48.9	48.7	48.6	48.5	49.54
47.3	47.4	47.4	47.5	47.6	47.6	47.8	47.8	48.0	48.0	48.0	48.0	47.79
48.2	48.2	48.1	48.0	48.2	48.3	48.3	48.4	48.5	48.6	48.6	48.6	48.58
48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.2	48.2	48.2	48.2	48.4	48.32
47.6	47.6	47.6	47.4	47.3	47.5	47.3	47.5	47.6	47.6	47.8	47.8	47.78
47.6	47.6	47.6	47.5	47.6	47.7	47.7	47.8	47.9	48.0	48.0	47.9	47.74
47.0	47.0	47.0	47.2	47.2	47.5	47.8	48.5	48.8	49.0	49.0	49.2	47.63
49.0	49.0	49.0	49.0	49.0	49.2	49.7	49.8	49.9	50.0	50.3	50.2	49.33
52.0	52.0	52.2	52.6	53.0	53.0	53.2	53.2	53.2	53.3	53.3	53.3	52.07
51.2	51.2	51.0	51.0	51.0	51.0	51.0	51.2	51.3	51.5	51.3	51.5	51.64
49.8	49.4	49.5	49.7	50.0	50.2	50.3	50.4	50.7	50.7	50.8	50.8	50.51
49.7	49.6	49.5	49.5	49.5	49.7	49.7	50.0	50.0	50.2	50.2	50.2	50.08
49.0	48.8	48.8	48.6	48.7	48.5	48.2	48.5	48.5	48.3	48.3	48.2	49.07
47.8	47.8	47.8	47.8	48.0	48.1	48.2	48.2	48.3	48.3	48.3	48.3	48.01
48.5	48.7	48.8	49.3	49.4	49.6	49.9	50.0	50.1	50.1	50.2	50.1	49.17
49.2	49.0	49.0	49.0	49.2	49.3	49.4	49.6	49.7	49.9	50.0	50.1	49.75
50.2	50.2	50.3	50.7	51.0	51.5	51.8	52.0	52.1	52.3	52.5	52.5	50.74
50.6	50.4	50.4	50.2	50.0	50.0	50.0	50.2	50.2	50.2	50.3	50.3	51.03
51.2	51.2	51.6	51.8	52.3	52.7	53.0	53.5	53.6	—	53.6	53.6	51.65
52.2	52.2	52.2	52.3	52.6	52.8	53.0	53.0	53.2	53.0	52.8	52.8	52.74
49.45	49.43	49.48	49.57	49.72	49.87	50.01	50.17	50.27	50.18	50.34	50.34	49.91

HORIZONTAL FORCE.													
One Scale Division = .000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = .000230.													
Mean Göttingen Time.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
JULY.	1	51.2	54.2	54.0	—	—	—	—	—	—	—	—	
	2	—	—	—	59.2	59.8	58.9	58.8	58.9	59.2	59.7	60.2	
	3	58.3	58.5	62.3	60.6	60.8	61.0	60.8	61.7	62.8	61.5	60.2	
	4	57.5	57.4	57.6	57.9	55.1	54.3	53.5	55.8	56.6	56.6	56.0	56.4
	5	56.5	54.6	63.7	63.9	59.4	57.0	56.6	58.0	58.7	60.5	61.6	58.6
	6	59.2	59.1	59.5	59.5	59.2	59.2	59.2	59.7	60.2	59.9	59.4	59.0
	7	60.3	60.2	60.3	60.3	60.5	60.5	60.3	60.0	59.9	60.1	60.1	60.0
	8	60.2	59.0	58.9	—	—	—	—	—	—	—	—	—
	9	—	—	—	59.4	60.2	60.0	60.2	60.2	—	60.5	60.5	60.8
	10	57.8	57.2	58.7	59.8	59.7	59.6	60.5	60.8	61.1	61.7	61.8	62.9
	11	52.8	51.1	57.0	49.6	45.0	49.6	53.3	57.1	55.6	54.2	48.0	41.6
	12	46.3	47.1	49.0	49.1	47.5	48.8	50.5	50.8	51.0	52.4	52.4	52.9
	13	57.5	57.7	58.2	57.7	56.8	57.4	58.1	58.4	—	61.1	61.5	62.5
	14	56.8	55.7	52.5	50.2	51.3	58.1	52.0	56.6	56.0	55.3	55.9	55.4
	15	58.7	57.9	58.3	—	—	—	—	—	—	—	—	—
	16	—	—	—	56.7	59.5	59.5	58.6	58.4	58.3	58.9	59.5	60.5
	17	59.0	58.0	58.0	60.4	59.7	59.2	59.1	59.3	—	60.0	61.3	60.7
	18	59.6	59.3	59.7	60.4	60.6	61.0	60.6	60.8	—	61.1	62.4	63.8
	19	59.8	60.0	60.4	60.8	60.9	61.5	62.0	62.2	62.4	63.3	62.3	62.9
	20	59.2	58.0	58.1	58.8	59.1	59.0	59.8	60.3	60.8	61.8	61.5	61.8
	21	61.3	61.5	60.8	62.5	62.2	61.1	60.0	60.0	60.3	60.4	61.4	62.4
	22	59.8	59.8	60.0	—	—	—	—	—	—	—	—	—
	23	—	—	—	—	62.2	62.8	63.0	62.9	63.6	65.0	65.0	67.9
	24	51.0	49.9	55.5	56.3	56.3	56.0	55.4	55.6	56.8	56.5	56.1	55.5
	25	55.7	55.6	56.2	56.8	56.5	56.7	56.6	57.0	57.8	57.5	58.5	59.4
	26	57.7	57.0	58.4	59.0	58.7	59.0	59.0	58.2	58.4	58.8	59.3	59.1
	27	58.4	59.2	59.8	59.2	—	59.8	59.8	60.0	60.5	60.7	61.3	61.9
	28	60.8	61.0	61.0	60.7	61.0	61.2	61.7	61.5	61.5	62.2	62.5	62.7
	29	59.8	59.8	59.3	—	—	—	—	—	—	—	—	—
	30	—	—	—	61.6	61.8	61.5	61.1	61.3	61.2	61.3	62.0	62.9
	31	61.0	61.2	61.4	61.5	61.3	61.0	61.2	61.7	61.8	62.5	63.5	64.2
Hourly Means	57.54	57.31	58.41	58.47	58.20	58.60	58.52	59.12	59.29	59.75	59.77	59.92	
TEMPERATURE OF THE BIFILAR MAGNET.													
JULY.	1	52.5	52.3	52.2	—	—	—	—	—	—	—	—	
	2	—	—	—	49.6	49.8	50.0	50.2	50.2	50.2	50.2	50.6	
	3	51.5	51.4	51.3	51.2	51.0	50.6	50.4	50.2	50.2	50.0	49.8	
	4	49.6	49.5	49.6	49.6	49.4	49.3	49.2	49.2	49.2	49.3	49.3	49.2
	5	48.8	48.6	48.5	48.3	48.3	48.3	48.3	48.2	48.3	48.3	48.1	48.0
	6	47.8	47.9	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
	7	48.5	48.5	48.5	48.5	48.4	48.3	48.2	48.2	48.3	48.3	48.3	48.3
	8	48.8	48.8	48.8	—	—	—	—	—	—	—	—	—
	9	—	—	—	48.4	48.5	48.7	48.7	48.7	—	48.5	48.5	48.4
	10	48.8	48.8	48.6	48.4	48.2	48.0	47.8	47.7	47.6	47.3	47.2	47.2
	11	47.6	47.5	47.5	47.2	47.4	47.4	47.4	47.3	47.0	47.0	47.0	46.8
	12	47.1	46.7	46.5	46.3	46.0	45.8	45.5	45.2	45.0	44.8	44.3	44.0
	13	44.2	44.2	44.0	44.0	43.9	43.8	43.8	43.7	—	43.7	43.6	43.7
	14	46.7	46.7	46.5	46.4	46.4	46.3	46.2	46.1	46.0	45.8	45.6	45.5
	15	47.9	48.0	48.0	—	—	—	—	—	—	—	—	—
	16	—	—	—	47.9	47.8	47.5	47.3	47.2	47.2	47.0	46.8	46.6
	17	46.6	46.6	46.7	46.7	46.9	47.0	47.0	47.0	—	47.0	47.2	47.3
	18	47.7	47.6	47.5	47.4	47.2	47.0	46.8	46.8	—	46.2	46.0	46.0
	19	46.2	46.0	46.0	45.8	45.8	45.5	45.3	45.2	45.0	44.7	44.6	44.4
	20	46.4	46.4	46.4	46.2	46.2	45.9	45.8	45.6	45.5	45.3	45.3	45.3
	21	46.8	46.9	47.0	47.0	47.0	46.8	46.8	47.0	46.8	46.8	46.8	46.8
	22	47.6	47.5	47.2	—	—	—	—	—	—	—	—	—
	23	—	—	—	—	45.0	44.8	44.6	44.4	44.2	44.0	43.8	43.6
	24	45.7	45.8	46.0	46.1	46.0	46.2	46.4	46.4	46.6	46.8	46.8	47.3
	25	49.0	48.8	48.8	48.6	48.3	48.0	48.0	47.8	47.7	47.4	47.3	47.2
	26	46.3	46.2	46.2	46.0	46.2	46.0	46.0	46.0	46.0	45.8	45.8	45.8
	27	46.3	46.3	46.3	46.2	—	46.0	46.0	46.0	46.0	45.8	45.7	45.4
	28	46.2	46.1	46.0	46.0	46.0	46.0	46.0	45.8	45.9	45.7	45.6	45.5
	29	47.7	47.8	47.8	—	—	—	—	—	—	—	—	—
	30	—	—	—	46.0	45.8	45.5	45.4	45.2	45.0	44.9	44.7	44.4
	31	46.6	46.8	46.6	46.5	46.3	46.2	46.2	46.0	46.2	46.0	45.8	45.8
Hourly Means	47.65	47.60	47.55	47.28	47.18	47.01	46.97	46.89	46.89	46.70	46.63	46.56	

HORIZONTAL FORCE.

One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
59·8	57·8	53·5	50·8	51·0	53·9	56·7	58·1	58·5	58·8	59·1	58·9	57·15
57·1	50·4	54·9	51·2	49·6	52·0	55·3	56·7	54·7	56·4	57·6	58·0	57·66
56·5	55·4	54·1	51·7	56·9	52·8	59·6	61·3	61·8	60·2	53·2	58·3	56·52
58·0	56·7	54·6	53·3	53·2	54·0	55·8	58·3	59·0	59·5	59·4	59·5	57·93
57·4	56·8	54·6	53·9	55·5	56·3	57·7	59·3	60·2	61·3	61·0	60·5	58·65
60·8	58·7	57·7	56·0	54·3	55·1	56·0	57·5	57·3	58·1	58·1	58·9	58·79
59·9	59·3	58·1	56·4	56·4	57·6	58·0	59·5	59·3	59·4	59·0	59·0	59·21
62·3	61·6	61·8	58·7	62·0	63·1	65·0	62·4	60·6	56·0	50·3	48·8	59·76
38·0	39·7	33·5	32·2	31·5	38·0	41·6	46·0	46·7	43·2	43·0	45·8	45·59
52·5	51·9	50·4	48·9	47·0	50·4	53·2	54·9	55·2	56·5	57·3	57·4	51·39
61·7	57·6	55·6	54·4	55·0	56·7	58·5	60·7	55·8	60·0	58·3	57·7	58·21
55·3	54·0	52·2	51·1	52·7	53·7	55·6	57·5	58·5	57·8	58·1	58·0	55·01
60·4	60·2	57·0	55·5	54·7	54·5	55·8	58·2	58·4	58·9	60·0	59·3	58·24
59·4	58·0	53·9	52·1	51·4	53·9	57·1	58·8	59·6	60·0	59·8	59·8	58·20
63·4	60·7	56·4	54·6	53·7	55·1	58·2	61·8	60·9	60·7	59·8	61·2	59·82
61·1	58·9	56·5	53·5	52·5	53·8	55·8	59·0	60·9	61·2	61·0	60·6	59·72
61·1	59·9	56·8	55·6	55·8	56·7	58·8	59·3	60·9	61·1	61·5	61·4	59·46
62·4	60·9	57·7	54·1	54·2	54·2	57·0	59·5	60·2	60·2	60·5	60·4	59·80
68·2	64·4	55·0	51·0	48·3	49·5	47·2	55·0	58·4	59·2	54·1	55·2	59·02
54·3	52·7	47·4	48·7	48·6	50·0	50·2	54·2	55·7	53·6	54·4	53·8	53·52
59·2	57·2	52·9	52·0	51·7	53·2	55·5	57·4	57·0	57·5	59·2	56·2	56·39
59·1	57·3	55·7	53·1	51·0	54·6	56·6	58·5	60·0	58·9	59·0	58·0	57·68
62·1	59·8	55·7	53·0	52·3	54·4	56·3	59·0	60·4	60·5	61·0	61·0	58·96
61·3	57·2	55·3	53·5	53·7	55·0	57·9	60·5	60·6	60·5	59·6	60·0	59·70
62·3	60·0	58·0	55·8	56·6	57·2	61·0	61·7	61·6	61·2	61·0	61·3	60·47
62·3	60·0	58·8	57·2	56·2	55·1	56·5	59·0	61·0	61·0	61·0	60·4	60·45
59·07	57·19	54·54	52·63	52·53	53·88	56·03	58·23	58·58	58·53	57·93	58·05	57·58

TEMPERATURE OF THE BIFILAR MAGNET.

°	°	°	°	°	°	°	°	°	°	°	°	°
50·8	50·5	50·8	51·2	51·3	51·3	51·3	51·4	51·5	51·6	51·6	51·5	50·98
49·5	49·4	49·4	49·5	49·6	49·4	49·6	49·6	49·6	49·6	49·6	49·6	50·07
49·0	49·0	49·0	49·2	49·2	49·2	49·1	49·1	49·2	49·0	49·0	48·8	49·22
47·9	47·9	47·9	47·9	47·9	47·9	47·9	47·9	47·9	47·9	47·9	47·9	48·12
47·7	47·7	47·7	47·8	47·8	47·9	48·3	48·3	48·4	48·5	48·5	48·5	47·95
48·2	48·2	48·2	48·3	48·2	48·2	48·5	48·5	48·6	48·7	48·8	48·8	48·40
48·3	48·3	48·4	48·4	48·4	48·4	48·6	48·8	48·8	48·8	48·8	48·8	48·60
47·0	47·0	46·8	46·8	46·8	46·8	46·8	46·8	46·8	46·9	47·1	47·6	47·45
46·6	46·3	46·4	46·4	46·7	46·7	47·0	47·1	47·0	47·2	47·0	47·0	47·02
44·0	44·0	43·9	43·8	43·8	44·0	44·0	44·0	44·2	44·2	44·4	44·2	44·82
44·0	44·0	44·2	44·5	44·8	45·0	45·5	45·9	46·2	46·5	46·7	46·5	44·63
45·3	45·2	45·2	45·3	45·6	46·0	46·3	46·6	47·1	47·3	47·6	47·8	46·23
46·4	46·3	46·3	46·4	46·3	46·3	46·2	46·3	46·3	46·4	46·5	46·5	46·90
47·2	47·2	47·4	47·5	47·7	47·9	48·0	48·0	48·0	48·0	48·0	47·9	47·34
45·8	45·7	45·7	45·8	45·8	46·0	46·0	46·2	46·1	46·2	46·4	46·4	46·45
44·3	44·2	44·2	44·4	44·7	45·0	45·2	45·7	46·0	46·0	46·1	46·6	45·29
45·1	45·0	45·0	45·0	45·2	45·3	45·8	46·3	46·4	46·6	46·6	46·7	45·80
46·8	46·7	46·7	46·7	46·8	47·0	47·2	47·5	47·6	47·6	47·6	47·6	47·01
43·5	43·5	43·5	43·5	43·6	43·8	44·0	44·3	44·6	45·0	45·3	45·3	44·64
47·3	47·3	47·6	47·9	48·0	48·2	48·4	48·6	48·8	49·0	49·0	49·0	47·30
46·8	46·8	46·6	46·6	46·6	46·6	46·7	46·6	46·6	46·7	46·8	46·7	47·38
45·6	45·6	45·6	45·7	45·8	46·0	46·1	46·3	46·3	46·3	46·3	46·3	46·02
45·3	45·3	45·3	45·3	45·3	45·4	45·5	45·8	46·0	46·3	46·3	46·2	45·81
45·3	45·3	45·7	46·0	46·2	46·6	46·8	47·0	47·2	47·3	47·4	47·3	46·20
44·3	44·5	44·8	45·2	45·4	45·5	45·8	46·0	46·2	46·6	46·6	46·6	45·74
46·0	46·0	46·0	46·6	46·8	47·1	47·6	47·9	48·0	48·3	48·5	48·7	46·77
46·46	46·43	46·47	46·60	46·70	46·83	47·01	47·17	47·28	47·40	47·48	47·50	47·01

HORIZONTAL FORCE.												
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.												
Mean Göttingen Time.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.
AUGUST.	1	60·8	61·2	60·0	60·5	—	60·3	60·4	61·2	61·6	62·0	62·3
	2	60·7	60·2	59·8	59·6	59·4	60·0	60·2	60·0	60·4	60·7	61·7
	3	61·9	62·4	61·3	61·2	—	61·3	61·4	61·6	62·2	62·7	63·5
	4	61·5	61·0	61·4	61·0	60·2	61·4	61·0	63·6	64·7	65·3	66·0
	5	61·8	61·1	61·3	—	—	—	—	—	—	—	—
	6	—	—	—	60·8	60·6	60·0	59·7	61·0	59·9	61·1	63·5
	7	60·0	59·6	59·2	59·5	61·0	61·2	61·1	61·3	61·5	62·0	62·2
	8	56·4	60·1	59·5	61·9	62·6	62·8	63·0	60·3	58·1	55·1	52·9
	9	56·4	56·0	53·7	54·5	54·3	55·5	56·2	54·8	55·4	56·3	57·1
	10	57·2	57·5	56·7	57·0	57·6	56·7	56·8	57·0	—	57·8	59·3
	11	58·5	57·1	55·8	56·5	58·8	59·0	59·8	60·2	61·8	61·4	63·0
	12	57·8	56·8	57·2	—	—	—	—	—	—	—	—
	13	—	—	—	59·0	58·0	59·1	58·6	59·6	60·3	60·8	61·3
	14	57·8	58·0	57·3	58·0	58·8	58·8	58·6	58·5	59·2	59·2	59·2
	15	51·8	57·5	56·8	57·2	57·4	57·8	58·7	59·0	59·4	59·7	60·6
	16	59·3	59·0	59·1	57·0	58·0	58·8	59·3	58·8	59·6	60·2	61·0
	17	60·8	60·8	59·2	60·5	61·0	61·2	62·5	62·8	62·3	62·5	63·5
	18	60·7	61·0	60·8	64·5	62·1	62·0	61·9	62·7	62·4	62·6	64·9
	19	61·6	61·2	61·3	—	—	—	—	—	—	—	—
	20	—	—	—	61·9	61·0	60·5	61·0	61·9	62·5	62·8	63·2
	21	62·0	60·0	59·0	60·4	61·5	62·6	64·6	64·7	—	61·5	60·3
	22	58·2	54·8	57·0	57·0	56·6	55·7	57·5	57·2	—	57·6	57·4
	23	57·1	60·2	57·7	55·8	58·2	57·5	57·2	57·0	57·7	58·2	58·1
	24	57·4	59·0	59·5	59·7	60·2	60·5	60·6	61·0	61·6	61·6	62·6
	25	61·0	60·8	61·1	61·4	61·5	60·4	61·0	61·4	61·8	62·3	62·7
	26	59·0	60·4	60·7	—	—	—	—	—	—	—	—
	27	—	—	—	62·0	61·6	61·8	61·6	61·8	—	62·2	62·3
	28	61·3	59·0	56·7	56·2	63·8	59·1	59·6	59·8	60·7	60·5	60·0
	29	57·5	58·3	58·8	58·2	59·5	60·2	60·8	60·0	—	58·6	57·9
	30	58·7	58·7	58·6	58·3	58·7	59·4	60·0	60·5	61·5	61·7	62·3
	31	59·6	59·6	59·4	60·0	—	60·4	60·7	62·1	61·3	60·5	59·0
Hourly Means	59·14	59·31	58·85	59·24	59·68	59·78	60·14	60·36	60·72	60·62	61·03	
TEMPERATURE OF THE BIFILAR MAGNET.												
AUGUST.	1	48·7	48·7	48·7	48·7	—	48·4	48·4	48·3	48·0	47·8	47·8
	2	49·0	49·0	49·0	48·8	48·7	48·7	48·7	48·5	48·2	48·0	47·8
	3	48·6	48·2	48·2	48·0	—	47·5	47·2	47·0	47·1	47·0	47·0
	4	46·5	46·2	46·0	46·0	46·0	45·9	45·8	45·6	45·4	45·2	45·2
	5	46·0	46·0	46·0	—	—	—	—	—	—	—	—
	6	—	—	—	47·8	47·8	47·8	47·8	47·8	47·5	47·5	47·3
	7	48·6	48·5	48·3	48·1	48·1	48·0	47·7	47·5	47·5	47·5	47·3
	8	49·2	49·2	49·1	49·1	49·0	48·8	48·8	48·8	48·5	48·4	48·4
	9	50·3	50·2	50·4	50·2	50·3	50·3	50·3	50·2	50·0	49·8	49·7
	10	50·7	50·8	50·8	50·8	50·8	50·7	50·6	50·6	—	50·4	50·4
	11	50·6	50·5	50·4	50·3	50·0	49·8	49·6	49·6	49·3	49·2	49·0
	12	51·5	51·8	51·8	—	—	—	—	—	—	—	—
	13	—	—	—	50·5	50·3	50·1	49·9	49·6	49·4	49·2	48·8
	14	51·1	51·0	51·0	50·8	50·6	50·4	50·2	50·2	50·2	50·0	49·8
	15	49·8	49·8	49·6	49·6	49·3	49·0	49·0	49·0	48·9	48·7	48·5
	16	49·2	49·0	48·9	48·8	48·8	48·5	48·4	48·5	48·4	48·2	48·0
	17	47·2	47·2	47·2	47·1	47·0	46·8	46·8	46·8	46·7	46·6	46·6
	18	47·4	47·2	47·0	47·0	46·8	46·7	46·7	46·4	46·4	46·3	46·2
	19	48·6	48·6	48·5	—	—	—	—	—	—	—	—
	20	—	—	—	48·2	48·0	47·8	47·6	47·4	47·1	47·0	46·8
	21	49·6	49·4	49·3	49·1	49·2	49·2	49·2	49·0	—	49·0	49·0
	22	50·3	50·2	50·2	50·0	50·0	50·0	49·6	49·5	—	49·0	48·8
	23	51·5	51·3	51·3	51·2	51·2	51·0	50·8	50·5	50·1	49·9	49·9
	24	49·0	48·8	48·4	48·2	48·0	47·9	47·7	47·6	47·5	47·4	47·3
	25	48·0	48·0	47·9	48·0	47·8	47·6	47·4	47·4	47·2	47·0	46·9
	26	47·7	47·6	47·6	—	—	—	—	—	—	—	—
	27	—	—	—	48·0	47·9	47·9	47·8	47·8	—	47·9	47·8
	28	49·6	49·6	49·6	49·6	49·6	49·6	49·6	49·6	49·7	49·5	49·5
	29	49·8	49·8	49·8	49·7	49·7	49·5	49·5	49·5	—	48·9	48·8
	30	50·6	50·6	50·4	50·3	50·1	49·9	49·7	49·4	49·4	49·2	49·0
	31	50·1	50·2	50·2	50·1	—	50·3	50·3	50·3	50·2	50·2	50·2
Hourly Means	49·23	49·16	49·10	49·04	48·96	48·82	48·71	48·61	48·30	48·33	48·22	

HORIZONTAL FORCE.

One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div. 62.8	Sc. Div. 60.3	Sc. Div. 56.8	Sc. Div. 54.6	Sc. Div. 54.7	Sc. Div. 54.3	Sc. Div. 59.6	Sc. Div. 62.5	Sc. Div. 59.6	Sc. Div. 60.0	Sc. Div. 60.2	Sc. Div. 60.2	Sc. Div. 59.91
63.0	62.2	59.0	57.1	55.6	58.9	56.0	58.8	60.3	61.3	62.4	61.6	60.01
63.3	62.2	60.6	59.4	57.9	57.5	58.1	60.4	62.0	62.3	60.6	60.6	61.25
65.7	64.1	61.7	59.7	59.2	59.4	60.2	61.8	63.0	63.0	62.7	62.6	62.38
—	—	—	—	—	—	—	—	—	—	—	—	60.52
63.0	62.2	60.0	58.2	56.7	56.2	58.5	61.0	61.4	61.0	60.6	60.0	60.0
62.7	60.8	58.6	56.0	53.6	54.3	56.2	59.3	63.3	63.7	62.6	57.3	59.99
55.0	56.8	54.3	54.5	49.5	47.0	50.6	54.6	51.4	50.7	50.8	52.8	55.70
59.1	56.8	54.8	52.5	50.1	51.0	53.7	56.5	58.2	57.8	56.9	57.6	55.54
60.4	58.3	56.6	55.0	52.3	51.5	54.0	55.8	58.2	58.6	58.3	57.2	56.98
59.8	57.4	57.0	55.8	53.3	51.8	53.4	58.0	53.5	57.8	52.0	54.4	57.37
—	—	—	—	—	—	—	—	—	—	—	—	57.92
61.0	59.3	55.4	54.7	54.4	53.0	54.8	55.5	58.1	57.4	58.2	58.0	58.0
59.1	54.5	54.4	53.1	53.6	53.0	49.2	50.4	52.8	55.0	51.2	51.4	55.87
60.7	56.6	53.6	51.9	52.7	53.8	56.7	58.1	58.6	59.2	59.7	59.8	57.40
61.4	57.6	54.7	52.5	51.6	53.5	56.5	59.0	60.0	60.8	61.3	61.4	58.45
64.5	61.6	59.0	56.1	55.3	56.8	57.5	59.5	61.8	61.5	61.7	61.4	60.81
64.0	61.0	57.0	56.5	56.2	58.1	59.9	61.4	61.5	62.1	61.7	61.7	61.28
—	—	—	—	—	—	—	—	—	—	—	—	60.35
62.6	59.3	56.2	53.3	53.0	55.0	57.8	59.7	61.8	62.1	62.3	62.7	62.7
59.6	53.8	54.6	51.5	51.0	51.2	51.0	52.5	54.0	54.6	53.0	56.1	57.38
56.6	53.6	51.2	46.9	44.0	49.3	53.5	55.2	55.9	56.0	56.6	58.3	54.92
55.2	51.6	49.1	47.8	48.1	51.5	54.4	56.7	56.8	57.8	58.2	58.4	55.77
57.2	54.3	53.0	50.8	52.2	53.7	56.7	58.4	60.0	59.8	60.7	60.3	58.40
59.8	56.8	54.5	63.6	53.6	54.1	56.6	51.2	60.2	60.8	60.3	60.1	59.09
—	—	—	—	—	—	—	—	—	—	—	—	60.39
60.2	57.7	56.8	56.1	59.3	58.4	59.6	60.0	59.7	61.9	62.0	62.1	62.1
55.4	53.0	51.8	51.7	52.6	54.4	52.5	54.8	56.5	53.9	57.5	56.5	56.85
53.2	51.0	50.7	49.5	49.3	53.8	57.5	58.8	57.1	56.7	55.7	56.8	56.41
60.1	58.8	55.8	53.7	54.1	54.8	57.5	58.0	59.4	61.7	60.7	59.8	58.97
60.0	58.2	55.0	51.7	49.7	52.6	53.4	56.3	56.0	57.9	56.1	57.1	57.71
60.20	57.77	55.64	53.86	53.09	54.03	55.75	57.56	58.56	59.09	58.67	58.75	58.44

TEMPERATURE OF THE BIFILAR MAGNET.

47.8	47.7	47.8	48.1	48.3	48.5	48.7	48.9	48.8	48.8	48.8	49.0	48.37
47.6	47.5	47.6	48.0	48.2	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.43
46.8	46.6	46.8	46.8	46.7	46.8	46.9	46.8	46.7	46.7	46.7	46.6	47.12
45.0	45.0	45.0	45.0	45.3	45.3	45.4	46.0	46.0	46.0	46.0	46.0	45.62
—	—	—	—	—	—	—	—	—	—	—	—	47.45
46.8	46.8	47.0	47.3	47.4	47.7	48.0	48.1	48.2	48.3	48.4	48.5	48.5
46.9	46.8	47.0	47.2	47.5	47.9	48.2	48.5	48.7	49.0	49.2	49.2	47.93
48.3	48.3	48.4	48.6	48.8	49.0	49.2	49.6	49.6	50.0	50.2	50.3	49.00
49.2	49.0	49.0	49.0	49.0	49.2	49.5	49.8	50.0	50.0	50.3	50.5	49.82
50.1	50.0	50.0	50.1	50.3	50.5	50.6	50.8	51.1	51.0	51.0	50.9	50.57
49.1	49.0	49.1	49.4	49.8	50.2	50.4	50.8	51.0	51.2	51.4	51.4	50.00
—	—	—	—	—	—	—	—	—	—	—	—	49.95
48.5	48.5	48.7	49.0	49.3	49.7	50.0	50.3	50.6	50.7	51.0	51.1	51.1
49.6	49.5	49.4	49.4	49.5	49.6	49.6	49.8	49.8	49.8	49.8	49.8	50.03
48.2	48.2	48.6	48.8	48.9	49.0	49.1	49.3	49.2	49.3	49.5	49.6	49.05
47.7	47.5	47.4	47.3	47.3	47.4	47.5	47.5	47.5	47.4	47.3	47.2	47.98
46.5	46.5	46.5	46.6	46.8	46.8	47.0	47.3	47.2	47.6	47.6	47.6	46.94
46.0	46.0	46.2	46.6	46.7	47.0	47.5	47.8	48.0	48.3	48.7	48.6	46.98
—	—	—	—	—	—	—	—	—	—	—	—	48.01
46.8	46.8	47.2	47.7	48.0	48.4	48.8	49.0	49.2	49.3	49.3	49.4	49.4
48.9	48.7	48.8	48.8	49.0	49.3	49.7	50.0	50.0	50.2	50.3	50.3	49.35
48.4	48.4	48.8	49.0	49.5	49.8	50.5	51.0	51.3	51.5	51.7	51.6	49.90
49.7	49.6	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.4	49.2	50.12
47.0	47.2	47.2	47.4	47.7	47.8	47.8	48.2	48.2	48.1	48.2	48.1	47.83
46.6	46.8	46.8	46.9	47.0	47.3	47.4	47.6	47.8	47.8	47.8	47.7	47.40
—	—	—	—	—	—	—	—	—	—	—	—	48.29
47.8	47.8	48.2	48.5	48.5	48.8	48.9	49.0	49.2	49.3	49.3	49.5	49.5
49.4	49.5	49.3	49.3	49.6	49.7	49.9	50.0	50.0	50.1	50.0	50.0	49.66
48.6	48.5	48.5	48.9	49.2	49.5	49.8	50.3	50.6	50.8	50.8	50.7	49.56
48.7	48.5	48.7	48.8	48.7	48.8	49.0	49.3	49.6	49.7	50.0	50.0	49.47
50.3	50.2	50.2	50.3	50.7	51.0	51.2	51.4	51.5	51.6	51.6	51.6	50.61
48.01	47.96	48.06	48.23	48.38	48.63	48.85	49.09	49.20	49.30	49.37	49.38	48.72

HORIZONTAL FORCE.													
One Scale Division = '000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '000230.													
Mean Göttingen Time.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
SEPTEMBER.	1	Sc. Div. 58'4	Sc. Div. 58'1	Sc. Div. 58'8	Sc. Div. 57'7	Sc. Div. 58'8	Sc. Div. 60'0	Sc. Div. 58'8	Sc. Div. 58'8	Sc. Div. 59'8	Sc. Div. 60'9	Sc. Div. 61'7	
	2	58'8	57'8	58'3	—	—	—	—	—	—	—	—	
	3	—	—	—	59'7	60'3	61'5	61'6	61'7	62'3	62'8	63'2	62'8
	4	52'9	54'9	61'9	57'0	56'2	56'6	57'0	56'5	—	58'6	58'7	58'0
	5	58'4	58'8	58'8	58'5	59'0	59'1	59'0	59'8	60'1	61'5	61'9	61'5
	6	58'8	59'8	59'0	60'0	—	—	60'9	60'9	61'3	61'8	63'0	62'8
	7	60'5	59'1	59'4	60'9	60'0	60'7	61'2	61'7	62'9	63'5	63'8	63'3
	8	59'4	61'7	61'8	61'8	—	62'6	64'0	65'2	63'1	62'8	62'1	61'2
	9	—	50'0	47'4	—	—	—	—	—	—	—	—	—
	10	—	—	—	59'0	58'8	59'0	59'4	59'7	59'9	60'8	61'8	60'3
	11	56'8	57'5	57'6	57'9	58'1	58'4	58'7	59'2	59'5	59'8	55'8	58'8
	12	56'0	55'9	56'6	56'2	56'0	56'2	56'3	56'5	56'6	56'8	57'5	56'9
	13	56'4	56'2	56'1	56'0	—	56'8	57'3	58'4	58'6	59'1	58'5	57'0
	14	56'8	56'6	56'7	56'6	56'4	57'6	57'6	57'5	58'0	58'5	58'5	58'0
	15	61'0	60'4	60'2	60'0	60'8	61'6	61'5	62'1	—	63'9	63'7	63'2
	16	62'7	62'8	63'0	—	—	—	—	—	—	—	—	—
	17	—	—	—	65'5	63'7	62'8	61'8	63'0	63'3	63'7	61'9	59'7
	18	58'0	59'0	56'2	57'0	62'0	57'0	57'2	60'8	61'2	58'5	56'3	55'8
	19	56'2	56'5	55'0	58'8	56'2	57'2	58'0	58'5	—	60'3	60'0	59'0
	20	56'4	56'7	58'2	57'8	58'0	57'8	58'2	58'8	58'1	59'3	58'8	56'8
	21	58'0	58'0	57'5	58'9	58'2	58'4	57'8	57'8	58'3	58'5	58'7	57'0
	22	57'5	57'2	58'0	57'8	—	58'0	58'0	58'0	—	58'4	58'0	56'5
	23	56'2	56'8	56'8	—	—	—	—	—	—	—	—	—
	24	—	—	—	58'1	58'8	59'0	59'6	60'0	60'6	60'8	59'3	56'8
	25	59'4	59'1	59'1	58'9	59'0	59'4	59'6	59'7	59'8	60'2	60'8	59'0
	26	60'5	60'8	60'6	60'2	60'5	60'6	61'5	61'9	62'5	63'0	61'6	60'2
	27	61'5	61'6	61'8	61'5	61'8	62'0	62'3	62'5	62'9	63'6	63'8	63'3
	28	62'4	62'4	62'3	62'2	62'8	63'2	63'7	64'3	64'6	64'8	65'6	63'3
	29	61'6	60'8	61'8	60'0	57'7	57'7	58'6	59'8	59'9	59'5	56'9	53'7
Hourly Means	58'53	58'34	58'52	59'12	59'19	59'30	59'58	60'12	60'63	60'85	60'47	59'48	
TEMPERATURE OF THE BIFILAR MAGNET.													
SEPTEMBER.	1	51'4	51'3	51'2	51'0	50'8	50'8	50'5	50'5	50'2	50'0	49'8	
	2	51'2	51'2	51'2	—	—	—	—	—	—	—	—	
	3	—	—	—	49'0	48'8	48'6	48'4	48'2	48'0	47'8	47'8	
	4	48'3	48'3	48'1	48'0	47'8	47'8	47'8	47'7	—	47'1	47'0	
	5	48'8	48'8	48'8	48'8	48'6	48'5	48'3	48'0	48'0	47'7	47'6	
	6	48'0	47'8	47'7	47'7	—	—	47'3	47'2	47'2	47'0	46'8	
	7	48'3	48'3	48'3	48'2	48'0	48'0	47'8	47'8	47'5	47'3	47'1	
	8	51'0	51'2	51'0	50'8	—	50'1	50'0	49'8	49'6	49'4	49'2	
	9	—	50'8	50'8	—	—	—	—	—	—	—	—	
	10	—	—	—	49'0	48'8	48'6	48'6	48'5	48'2	48'0	48'0	
	11	51'6	51'5	51'4	51'4	51'2	51'0	51'0	50'9	51'0	51'0	50'8	
	12	54'8	54'9	54'9	54'9	54'7	54'7	54'6	54'4	54'2	54'0	54'0	
	13	55'5	55'3	55'2	55'0	—	54'6	54'2	54'0	53'6	53'4	53'0	
	14	56'6	56'5	56'3	56'3	55'9	55'7	55'3	55'0	54'6	54'2	54'0	
	15	50'6	50'2	49'8	49'4	49'2	49'0	48'6	48'4	—	47'9	47'6	
	16	47'8	48'0	47'8	—	—	—	—	—	—	—	—	
	17	—	—	—	46'6	46'5	46'5	46'4	46'4	46'3	46'4	46'3	
	18	48'8	48'8	48'8	48'8	48'6	48'4	48'3	48'2	48'2	48'0	47'8	
	19	50'2	50'3	50'2	50'0	49'8	49'4	49'2	49'0	—	48'7	48'6	
	20	50'7	50'7	50'6	50'6	50'5	50'3	50'3	50'3	50'3	50'2	50'0	
	21	52'2	52'5	52'4	52'4	52'5	52'6	52'6	52'5	52'4	52'2	52'2	
	22	53'8	53'7	53'6	53'6	—	53'4	53'2	53'4	—	53'1	53'0	
	23	56'0	56'0	55'8	—	—	—	—	—	—	—	—	
	24	—	—	—	53'3	53'2	53'0	52'8	52'6	52'4	52'2	52'0	
	25	53'3	53'3	53'3	53'2	53'0	52'8	52'8	52'8	52'7	52'5	52'5	
	26	51'8	51'6	51'4	51'2	51'2	51'1	50'8	50'8	50'6	50'4	50'3	
	27	50'0	50'0	49'8	49'8	49'8	49'7	49'5	49'3	49'0	49'0	49'0	
	28	50'0	49'8	49'6	49'5	49'4	49'2	49'0	48'8	48'6	48'4	48'2	
	29	53'8	53'8	53'8	54'0	53'8	53'7	53'6	53'3	53'3	53'2	53'0	
Hourly Means	51'44	51'38	51'27	50'90	50'58	50'73	50'44	50'31	50'28	49'96	49'82		

HORIZONTAL FORCE.												
One Scale Division = .000217 parts of the H. F. Change in the Magnetic moment of the Bar for 1° Fah°. = .000230.												
12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div. 61.4	Sc. Div. 60.1	Sc. Div. 57.9	Sc. Div. 54.3	Sc. Div. 54.0	Sc. Div. 54.0	Sc. Div. 56.8	Sc. Div. 59.3	Sc. Div. 61.0	Sc. Div. 61.2	Sc. Div. 60.8	Sc. Div. 59.8	Sc. Div. 58.94
61.2	57.5	55.7	53.0	53.3	55.0	55.7	55.8	50.3	44.1	48.9	48.3	57.07
57.4	56.5	54.0	52.4	50.5	52.5	54.7	56.3	57.6	57.5	58.2	58.3	56.27
60.2	59.0	57.8	54.0	53.1	54.1	57.7	59.3	60.0	58.8	58.8	59.0	58.67
60.0	57.5	53.8	53.3	54.4	57.6	60.2	61.0	61.0	61.6	60.2	60.1	59.50
60.4	59.7	59.8	57.8	56.3	57.3	59.0	61.8	60.9	60.7	59.4	59.7	60.41
54.3	48.0	54.0	52.0	47.5	51.4	52.5	55.5	55.2	55.0	56.7	53.3	57.44
57.8	56.3	55.8	55.8	55.8	57.0	56.8	57.4	57.6	57.8	57.4	56.2	57.30
56.3	53.9	51.2	51.8	53.8	54.4	56.0	56.9	57.0	56.5	56.0	56.1	56.58
55.8	53.5	51.5	52.5	51.7	53.3	55.0	55.8	56.3	56.5	56.7	56.6	55.53
56.6	55.6	53.7	52.9	52.5	53.7	55.8	56.2	55.7	56.0	56.5	56.6	56.18
57.6	55.2	53.0	53.0	54.4	56.7	55.8	58.5	58.7	59.5	60.2	60.4	57.16
62.5	60.7	58.1	57.2	57.3	58.7	59.0	60.1	62.1	62.7	62.8	62.8	60.97
60.8	54.3	53.3	52.7	51.6	55.4	60.0	57.0	60.0	56.2	58.6	59.5	59.72
55.3	54.0	54.0	52.9	53.5	54.5	56.7	64.4	59.7	56.2	54.4	57.3	57.16
57.0	54.0	51.1	50.2	50.4	52.2	55.8	53.2	58.0	57.2	58.0	57.3	56.31
55.0	52.7	50.0	48.2	51.8	54.3	57.4	58.7	58.8	57.6	58.9	58.0	56.51
54.8	52.8	48.8	48.1	50.5	52.3	54.8	56.8	56.2	56.5	57.1	57.5	55.97
54.4	51.2	48.2	49.4	51.8	53.2	55.2	54.7	54.5	54.8	55.4	56.2	55.29
53.8	51.2	48.5	47.8	50.2	53.7	57.3	59.0	59.2	59.6	59.2	59.2	56.73
55.7	52.3	50.4	49.3	52.0	53.8	57.0	59.4	60.5	60.4	60.2	60.6	57.73
57.2	53.0	51.2	52.1	54.7	57.5	60.2	61.7	61.7	61.2	61.4	61.3	59.46
61.6	58.3	55.2	54.0	55.0	57.1	59.4	61.2	61.8	61.2	62.1	62.4	60.75
59.4	55.3	54.1	54.2	57.2	59.0	60.5	61.2	60.2	60.8	60.0	60.8	61.01
53.9	52.8	50.8	48.2	49.7	50.0	55.1	54.8	55.5	55.7	54.9	56.4	56.07
57.62	55.02	53.28	52.28	52.92	54.75	56.98	58.44	58.38	57.81	58.11	58.15	57.80
TEMPERATURE OF THE BIFLAR MAGNET.												
49.7	49.9	50.0	50.2	50.4	50.5	51.0	51.2	51.0	51.0	51.2	51.2	50.61
47.7	47.8	47.8	47.8	48.1	48.3	48.4	48.5	48.5	48.6	48.5	48.3	48.60
47.0	47.0	47.3	47.5	47.8	48.0	48.5	48.7	48.7	48.8	48.8	48.8	47.90
47.2	47.1	47.2	47.8	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.02
47.0	47.0	47.0	47.0	47.3	47.6	47.8	48.1	48.3	48.3	48.3	48.3	47.54
47.3	47.6	48.2	48.6	49.0	49.3	49.8	50.3	50.4	50.6	50.8	51.0	48.61
48.8	49.0	49.4	49.8	49.7	50.3	50.5	50.8	50.8	50.9	50.9	51.0	50.13
48.3	48.8	48.8	49.5	50.0	50.4	50.8	50.8	51.0	51.2	51.6	51.5	49.57
51.0	51.0	51.2	51.6	51.8	52.3	52.9	53.6	53.9	54.1	54.6	54.8	51.93
53.8	53.8	53.9	54.0	54.3	54.7	55.0	55.3	55.1	55.5	55.5	55.5	54.60
53.4	53.7	54.3	55.0	55.3	55.8	56.2	56.4	56.6	56.6	56.6	56.6	54.93
53.6	53.4	53.2	52.8	52.7	52.5	52.3	52.2	51.9	51.7	51.2	50.8	53.86
47.2	47.2	47.1	47.3	47.4	47.6	47.6	47.7	47.8	47.9	48.0	48.0	48.21
46.3	46.3	46.5	46.8	46.8	47.3	47.3	47.8	48.0	48.3	48.3	48.3	47.05
47.6	47.6	48.0	48.0	48.5	49.0	49.3	49.6	50.0	50.2	50.3	50.2	48.70
48.4	48.5	48.6	49.0	49.0	49.4	49.8	50.0	50.0	50.4	50.7	50.8	49.50
49.7	49.9	50.0	50.4	50.6	51.0	51.3	51.6	52.0	52.0	52.2	52.2	50.72
52.7	52.6	52.8	52.8	53.3	53.3	53.5	53.7	53.7	53.8	53.8	53.8	52.88
53.2	53.4	53.8	54.2	54.3	54.8	55.2	55.7	55.8	56.0	56.0	56.2	54.20
52.0	51.7	52.0	52.3	52.4	52.5	52.6	52.9	53.1	53.2	53.2	53.3	53.02
52.3	52.3	52.3	52.3	52.0	52.0	52.0	52.0	52.0	52.0	51.8	51.8	52.48
50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.3	50.3	50.3	50.2	50.52
48.8	48.6	48.8	48.8	48.9	49.1	49.3	49.6	49.7	49.9	50.0	50.0	49.38
48.3	48.3	48.7	49.3	50.0	50.5	51.3	51.8	52.6	53.0	53.2	53.5	49.96
52.8	53.0	53.2	53.8	54.2	55.0	55.8	56.3	56.8	57.1	57.5	57.6	54.40
49.76	49.82	50.00	50.26	50.47	50.77	51.05	51.30	51.44	51.58	51.65	51.67	50.96

VERTICAL FORCE.												
One Scale Division = '000062 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '00021.												
Mean Göttingen Time. } 0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
JANUARY.	1	56.8	58.2	59.1	—	—	—	—	—	—	—	—
	2	—	—	—	62.7	61.8	60.8	62.0	61.8	59.6	58.9	61.8
	3	65.0	67.0	67.6	68.7	—	69.8	70.0	70.0	71.2	70.7	66.6
	4	74.1	75.4	76.1	66.9	70.0	75.8	71.2	72.0	73.0	73.9	72.1
	5	61.2	63.5	63.7	64.3	63.9	64.1	64.3	64.7	—	63.8	63.8
	6	61.7	63.0	63.7	64.2	64.4	66.0	66.0	68.4	69.0	67.5	67.8
	7	61.5	60.4	60.4	66.1	65.1	66.3	64.4	67.9	66.3	66.0	68.9
	8	57.6	58.1	58.5	—	—	—	—	—	—	—	—
	9	—	—	—	63.7	63.7	63.7	64.9	65.0	64.3	65.4	65.3
	10	64.8	64.8	64.2	63.7	—	69.5	68.8	70.0	70.7	71.0	71.3
	11	68.1	67.8	66.5	65.6	67.1	66.6	64.8	66.5	66.5	66.5	66.5
	12	65.9	74.7	67.7	58.5	43.2	43.2	57.2	50.5	53.1	39.4	51.5
	13	55.0	53.3	49.7	45.4	50.6	55.4	56.0	55.7	—	49.7	50.8
	14	50.7	53.8	52.4	54.1	55.0	55.8	56.2	54.9	50.0	42.9	51.7
	15	63.6	62.0	62.7	—	—	—	—	—	—	—	—
	16	—	—	—	—	69.0	45.7	50.2	62.0	58.8	56.4	53.7
	17	62.3	54.2	65.0	66.0	—	66.0	66.3	66.3	64.2	63.3	62.0
	18	64.0	61.5	65.4	65.4	65.4	66.2	69.0	64.7	62.5	62.7	65.1
	19	66.7	71.0	71.0	69.6	69.0	63.7	67.4	68.1	67.6	66.9	73.8
	20	67.6	67.6	65.3	65.3	60.9	67.3	61.0	62.2	62.2	66.5	68.5
	21	60.4	61.0	61.8	62.5	62.5	63.3	63.3	64.5	—	63.8	67.1
	22	63.1	63.1	63.1	—	—	—	—	—	—	—	—
	23	—	—	—	69.4	69.4	69.4	70.7	72.0	64.5	64.5	69.1
	24	51.2	63.3	52.5	63.5	—	58.4	62.3	52.0	55.0	56.8	57.5
	25	58.9	61.6	61.6	62.7	63.4	63.2	62.1	58.9	60.3	66.3	55.5
	26	58.0	58.4	57.7	59.0	—	59.5	59.5	61.7	61.7	59.3	58.5
	27	74.6	74.0	72.5	73.5	—	70.2	69.3	74.3	72.6	72.4	73.8
	28	76.5	76.5	75.6	75.6	73.8	70.8	71.8	72.3	72.3	72.3	73.4
	29	96.8	82.8	84.2	—	—	—	—	—	—	—	—
	30	—	—	—	82.3	80.0	80.5	76.3	81.2	81.0	77.1	77.2
	31	76.8	76.8	76.8	76.1	—	77.8	78.4	78.6	78.6	78.6	79.6
Hourly Means	64.73	65.14	64.80	65.39	64.12	64.58	65.13	65.62	65.44	63.95	64.96	65.89
TEMPERATURE OF THE VERTICAL FORCE MAGNET.												
JANUARY.	1	66.1	65.6	65.0	—	—	—	—	—	—	—	—
	2	—	—	—	64.6	64.4	64.0	63.8	63.6	63.5	63.3	63.2
	3	62.5	61.8	60.8	60.2	—	58.5	57.9	57.5	56.8	56.5	56.0
	4	57.8	57.7	57.5	57.3	57.2	56.9	56.7	56.5	56.4	56.2	56.4
	5	62.5	62.4	62.1	62.1	61.8	61.5	61.3	61.3	—	60.8	60.5
	6	62.3	62.2	61.8	61.5	61.1	60.5	60.0	59.8	59.1	59.0	58.5
	7	61.9	61.5	61.5	61.5	61.2	61.0	60.8	60.6	60.3	60.2	60.2
	8	64.0	63.7	63.4	—	—	—	—	—	—	—	—
	9	—	—	—	61.0	60.9	60.8	60.4	60.2	60.0	59.9	59.8
	10	60.2	60.0	59.7	59.4	—	58.8	58.3	58.0	57.3	57.2	57.0
	11	60.3	60.3	60.1	60.0	59.8	59.7	59.5	59.3	59.0	58.7	58.6
	12	65.8	65.7	65.5	65.5	65.3	65.0	64.7	64.4	64.2	64.1	64.0
	13	68.4	68.4	68.2	68.0	68.0	67.7	67.4	67.2	—	66.6	66.5
	14	69.1	68.9	68.8	68.3	68.0	67.6	67.2	66.8	66.4	65.9	65.6
	15	63.0	62.8	62.4	—	—	—	—	—	—	—	—
	16	—	—	—	—	59.0	59.1	59.0	58.6	58.2	58.0	57.8
	17	63.0	63.0	63.0	62.8	—	62.4	62.2	62.0	61.9	61.7	61.3
	18	62.4	62.2	61.8	61.0	60.8	60.6	60.0	59.8	59.1	59.1	58.9
	19	59.4	59.4	59.1	58.9	58.7	58.3	58.0	58.0	57.6	57.2	56.8
	20	63.0	63.2	63.2	63.2	63.0	62.8	62.7	62.5	62.2	61.8	61.7
	21	64.8	64.6	64.2	64.0	63.7	63.3	63.1	62.9	—	62.2	62.2
	22	63.5	63.2	62.8	—	—	—	—	—	—	—	—
	23	—	—	—	59.8	59.8	59.8	59.8	59.8	59.5	59.3	59.3
	24	63.4	63.4	63.4	63.3	—	62.8	62.6	62.3	62.0	61.7	61.5
	25	65.4	65.2	65.0	64.8	64.4	64.1	63.9	63.7	63.5	63.3	63.2
	26	67.8	67.6	67.3	67.0	—	66.0	65.5	65.2	64.8	64.2	64.0
	27	60.5	60.2	59.8	59.4	—	58.8	58.7	58.3	58.0	57.6	57.4
	28	58.6	58.4	58.3	58.2	58.0	58.0	58.0	57.8	57.6	57.4	57.2
	29	57.1	57.0	57.0	—	—	—	—	—	—	—	—
	30	—	—	—	55.6	55.4	55.3	55.2	55.1	55.0	55.0	55.0
	31	57.4	57.3	57.2	57.0	—	56.6	56.5	56.3	56.0	55.8	55.8
Hourly Means	62.70	62.53	62.26	61.78	61.60	61.15	60.90	60.67	59.93	60.10	59.94	59.90

VERTICAL FORCE.

One Scale Division = '000062 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah° = '00021.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
62.2	61.1	58.5	58.5	59.7	59.7	62.5	60.4	57.5	61.2	59.3	63.0	60.25
66.6	80.0	79.5	78.2	80.0	75.9	77.7	76.0	74.5	82.4	79.5	76.7	73.05
76.5	76.5	71.7	69.5	69.7	62.4	60.6	59.3	58.8	59.2	62.5	61.7	69.25
67.1	68.7	71.4	70.0	70.0	67.6	62.9	54.9	56.9	58.6	60.1	62.2	63.98
68.8	70.6	75.6	76.3	71.6	68.7	61.9	57.0	58.2	58.2	62.4	62.4	65.89
70.8	72.0	71.5	68.9	65.4	61.0	57.1	57.7	55.6	55.6	55.2	56.1	63.71
67.0	70.4	70.1	67.4	65.4	60.3	62.0	61.0	61.9	61.9	61.9	67.0	63.80
76.0	77.8	72.8	70.4	69.2	63.8	59.4	58.2	62.0	63.2	60.3	65.6	67.40
70.7	65.4	a—	57.7	56.6	57.9	63.3	61.4	59.6	65.2	85.0	72.7	65.95
66.2	66.2	66.8	65.0	60.0	60.8	56.0	48.0	53.8	55.8	52.2	55.0	57.28
53.2	53.2	59.3	60.5	53.8	53.8	52.5	51.6	46.1	49.9	51.3	52.9	52.63
53.1	58.2	59.3	59.6	57.5	60.5	57.0	53.8	53.8	55.8	59.3	62.1	54.63
59.3	72.0	72.0	68.8	67.0	62.5	63.4	63.1	56.2	62.7	60.2	60.9	61.13
63.2	63.8	68.9	71.8	75.3	66.3	62.8	60.8	63.0	64.0	64.0	64.0	64.59
69.7	77.7	74.2	71.9	69.9	67.2	67.7	68.0	68.6	71.0	70.8	70.8	67.74
74.9	76.3	73.1	76.5	71.6	69.7	63.5	64.8	70.7	63.3	69.2	67.6	70.07
—	68.2	70.4	69.3	66.6	64.8	62.4	57.5	58.3	57.6	57.6	58.2	64.16
70.9	69.3	65.2	65.2	67.8	65.2	64.0	61.0	61.2	59.7	60.9	59.0	63.97
63.8	66.1	69.8	68.6	68.6	67.2	63.6	65.8	62.2	62.2	62.2	63.8	66.23
67.4	67.4	67.4	66.8	65.5	61.9	60.7	64.8	56.5	57.5	58.4	58.9	60.33
61.5	63.4	67.8	67.8	66.6	63.6	57.7	55.4	53.2	53.6	55.3	54.8	60.52
63.7	70.2	73.9	68.1	65.8	63.9	62.6	63.9	65.4	65.4	65.4	a—	62.75
73.8	80.2	80.2	82.0	79.9	78.6	82.8	78.8	75.7	78.1	81.6	75.2	76.29
85.6	85.0	78.4	81.4	85.9	91.2	108.5	104.9	104.9	96.1	90.6	99.7	83.10
72.7	73.8	77.7	77.1	79.0	81.6	79.2	77.0	70.8	77.8	77.3	76.8	78.92
80.7	81.0	83.2	84.5	83.5	81.4	80.2	78.0	75.7	76.3	81.2	79.3	79.20
68.42	70.56	71.35	70.07	68.92	66.83	65.85	63.97	63.12	64.51	65.53	65.86	66.04

TEMPERATURE OF THE VERTICAL FORCE MAGNET.

63.8	64.2	64.8	65.0	65.0	65.0	65.0	65.0	64.8	64.2	63.7	63.0	64.33
56.4	56.0	56.2	56.2	56.3	56.5	56.8	57.0	57.2	57.3	57.6	57.9	57.66
56.9	57.4	58.0	59.0	59.8	60.2	61.1	61.8	62.2	62.3	62.6	62.6	58.62
60.6	61.3	61.2	61.4	62.0	62.2	62.4	62.5	62.7	62.8	62.7	62.6	61.78
58.3	58.5	58.8	58.8	59.1	59.7	60.6	61.3	61.8	61.8	62.0	62.0	60.30
60.3	60.8	60.9	61.5	62.2	62.8	63.2	63.6	64.0	64.0	64.1	64.0	61.76
59.5	59.5	59.5	59.8	60.0	60.0	60.0	60.2	60.2	60.2	60.2	60.1	60.54
57.1	57.2	57.4	57.8	58.4	58.6	59.1	59.5	59.8	60.1	60.2	60.3	58.63
59.0	59.5	60.0	61.0	61.7	62.2	63.0	63.8	64.5	65.0	65.6	65.8	61.04
64.2	64.4	64.8	65.2	65.8	66.4	67.2	67.7	68.2	68.3	68.4	68.5	65.72
66.2	66.2	66.8	67.2	67.7	68.2	68.6	69.0	69.4	69.4	69.4	69.3	67.83
65.0	65.0	65.0	64.7	64.4	64.4	64.4	64.2	64.0	63.8	63.8	63.4	64.84
57.8	57.9	58.3	58.8	59.3	60.2	60.9	61.3	61.9	62.3	62.7	63.0	60.00
61.5	61.9	62.2	62.7	63.0	63.2	63.6	63.8	63.8	63.4	63.2	62.8	62.60
58.6	58.4	58.4	58.6	58.7	58.9	59.0	59.2	59.5	59.5	59.7	59.7	59.70
57.0	57.3	58.0	58.5	59.4	60.3	61.4	62.0	62.4	62.3	63.0	63.2	59.30
—	61.3	61.4	61.6	62.0	62.4	63.0	63.6	64.0	64.4	64.5	64.8	62.78
62.2	62.2	62.4	62.6	62.7	62.8	63.0	63.2	63.5	63.7	64.0	63.8	63.18
59.4	59.7	60.2	61.2	61.6	61.6	62.1	62.5	62.8	63.2	63.4	63.4	61.12
61.9	62.0	62.2	62.6	63.1	63.9	64.5	65.0	65.3	65.5	65.4	65.6	63.27
63.6	63.8	64.3	65.0	65.7	66.3	67.0	67.5	67.8	68.0	68.0	68.0	65.20
64.0	64.2	64.2	64.3	64.0	63.6	63.2	62.8	62.2	62.0	61.4	60.8	64.34
57.2	57.4	57.6	57.8	58.0	58.1	58.2	58.4	58.4	58.5	58.6	58.7	58.38
56.8	56.8	56.7	56.7	57.0	57.1	57.1	57.3	57.4	57.3	57.1	57.1	57.45
55.2	55.3	55.6	55.8	56.0	56.3	56.6	56.9	57.2	57.3	57.3	57.4	56.03
55.8	55.8	55.9	56.1	56.3	56.6	56.9	57.1	57.2	57.2	57.3	57.4	56.57
59.93	60.14	60.42	60.77	61.12	61.44	61.84	62.16	62.40	62.45	62.53	62.51	61.26

* Vibrating.

VERTICAL FORCE.														
One Scale Division = '000063 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah. = '000230.														
Mean Göttingen Time.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.		
FEBRUARY.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.		
	1	77.8	77.8	78.2	76.7	77.0	77.0	77.4	77.4	77.4	75.6	73.7	73.7	
	2	68.2	68.2	72.5	71.4	71.4	71.4	71.1	69.6	70.8	71.3	70.7	72.0	
	3	67.8	69.0	69.0	69.0	72.4	73.1	72.8	74.5	68.8	63.3	67.0	77.3	
	4	78.2	80.1	80.4	79.6	—	—	80.2	80.8	82.3	—	82.3	79.7	81.1
	5	74.8	75.6	75.6	—	—	—	—	—	—	—	—	—	—
	6	—	—	—	—	72.9	76.7	75.4	76.6	76.2	75.7	74.3	74.3	74.3
	7	74.2	74.1	75.0	75.9	75.9	75.9	75.9	74.8	73.9	70.8	71.1	74.3	74.3
	8	73.9	68.7	70.8	75.7	74.4	70.3	60.8	71.0	72.9	69.0	64.7	67.1	67.1
	9	71.4	66.1	69.1	69.7	68.3	66.7	69.3	65.7	65.4	64.8	61.6	68.2	68.2
	10	63.0	64.6	64.3	62.9	62.9	62.2	61.6	61.0	61.0	68.1	68.1	69.9	69.9
	11	58.8	56.7	61.8	63.3	62.6	63.9	60.1	62.0	—	64.2	62.0	62.5	62.5
	12	57.2	57.5	59.6	—	—	—	—	—	—	—	—	—	—
	13	—	—	—	76.0	72.6	68.4	66.8	61.3	66.4	67.7	69.1	71.8	71.8
	14	70.8	70.8	71.3	71.3	—	68.8	67.0	69.2	69.9	71.1	78.1	80.0	80.0
	15	71.5	74.3	76.4	75.6	79.2	77.4	73.7	74.6	76.8	78.4	78.4	79.6	79.6
	16	81.2	81.2	82.3	83.3	83.8	84.5	84.5	85.5	85.5	85.5	85.5	87.4	87.4
	17	79.5	81.3	81.3	81.3	81.3	81.7	82.1	83.1	81.0	81.2	81.6	83.8	83.8
	18	72.9	72.9	74.0	74.7	76.1	75.6	76.5	76.3	—	76.3	76.3	76.5	76.5
	19	73.0	72.8	72.3	—	—	—	—	—	—	—	—	—	—
	20	—	—	—	74.4	70.7	67.0	66.7	68.9	71.5	73.7	78.2	83.0	83.0
	21	78.6	73.8	54.7	85.9	83.3	83.7	82.5	70.2	45.7	58.2	89.5	58.6	58.6
	22	88.7	92.8	91.1	90.0	—	88.8	87.5	79.8	79.8	75.4	93.1	85.6	85.6
	23	77.4	86.5	84.2	82.7	—	78.5	65.4	76.4	78.3	77.0	85.2	82.7	82.7
	24	99.4	87.8	87.8	50.9	74.3	64.7	73.6	79.9	81.6	82.9	84.2	73.0	73.0
	25	87.5	79.2	87.7	86.2	81.8	81.8	82.6	84.4	81.0	82.4	81.6	81.6	81.6
	26	62.7	64.7	64.7	—	—	—	—	—	—	—	—	—	—
	27	—	—	—	69.3	70.1	69.5	71.7	71.8	71.8	71.8	70.9	70.9	70.9
	28	63.2	65.1	71.5	69.5	69.5	69.5	69.5	67.4	62.7	65.3	67.4	67.4	67.4
29	63.7	63.7	64.0	64.2	66.5	66.5	65.8	65.8	65.2	64.1	63.4	63.4	63.4	
Hourly Means	73.42	73.01	73.58	74.15	73.67	73.75	72.84	73.18	71.98	72.64	75.02	74.63	74.63	
TEMPERATURE OF THE VERTICAL FORCE MAGNET.														
FEBRUARY.	°	°	°	°	°	°	°	°	°	°	°	°		
	1	57.2	57.2	57.0	56.8	56.6	56.6	56.4	56.4	56.2	56.1	56.1	56.2	
	2	62.4	62.4	62.4	62.2	62.0	61.8	61.6	61.3	61.0	60.8	60.8	60.6	
	3	62.5	62.1	61.5	60.9	60.3	59.9	59.2	58.8	58.0	57.6	57.4	57.2	
	4	56.7	56.4	56.1	55.8	—	55.4	55.0	54.6	—	53.9	53.7	53.7	
	5	57.5	57.5	57.4	—	—	—	—	—	—	—	—	—	
	6	—	—	—	—	58.1	58.1	58.0	57.9	57.6	57.4	57.6	57.4	
	7	60.3	60.0	59.8	59.6	59.4	59.2	59.0	58.8	58.8	58.5	58.2	58.2	
	8	60.8	60.8	60.6	60.4	60.2	60.1	60.0	59.9	60.0	59.9	59.7	59.8	
	9	62.8	62.7	62.6	62.4	62.3	62.2	62.0	62.0	61.8	61.6	61.6	61.6	
	10	66.9	66.8	66.4	66.2	66.0	65.6	65.2	64.8	64.4	63.9	63.8	63.5	
	11	68.6	68.6	68.6	68.3	68.0	67.8	67.7	67.5	—	67.0	66.8	66.8	
	12	69.6	69.2	69.0	—	—	—	—	—	—	—	—	—	
	13	—	—	—	65.2	64.8	64.6	64.2	64.0	63.6	63.2	62.9	62.7	
	14	62.6	62.6	62.4	62.2	—	61.7	61.3	61.2	61.0	61.0	60.9	60.8	
	15	60.5	60.3	60.0	59.8	59.3	59.1	58.7	58.2	57.8	57.4	57.0	56.6	
	16	56.0	55.9	55.7	55.5	55.2	55.0	54.8	54.8	54.7	54.4	54.3	54.2	
	17	57.6	57.6	57.6	57.4	57.6	57.3	57.2	57.1	56.8	56.6	56.3	56.2	
	18	60.3	60.6	60.6	60.5	60.3	60.2	60.0	60.0	—	59.5	59.2	59.2	
	19	63.7	63.6	63.4	—	—	—	—	—	—	—	—	—	
	20	—	—	—	60.9	60.8	60.6	60.5	60.3	60.2	60.2	60.1	60.0	
	21	59.4	59.3	59.5	59.6	59.2	59.0	58.8	58.8	58.6	58.4	58.0	57.8	
	22	59.0	58.9	58.7	58.6	—	58.2	58.0	58.0	57.9	57.8	57.6	57.6	
	23	58.8	59.0	58.8	58.8	—	58.8	58.8	58.7	58.7	58.6	58.5	58.8	
	24	60.5	60.3	60.2	60.1	59.9	59.8	59.7	59.5	59.2	58.8	58.8	58.6	
	25	63.1	63.1	63.1	62.9	62.8	62.4	62.0	61.8	61.4	61.1	60.9	60.8	
	26	62.4	62.2	61.9	—	—	—	—	—	—	—	—	—	
	27	—	—	—	59.0	59.0	59.0	58.9	58.6	58.4	58.2	58.0	57.8	
	28	60.3	60.1	60.0	59.8	59.8	59.6	59.4	59.2	59.0	59.0	58.8	58.8	
29	61.6	61.8	61.6	61.6	61.5	61.3	61.2	61.2	61.1	61.0	61.0	61.0		
Hourly Means	61.24	61.16	61.00	60.60	60.62	60.13	59.90	59.74	59.37	59.28	59.12	59.04		

VERTICAL FORCE.

One Scale Division = '000063 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah°, = '000230.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
76.3	78.2	79.8	77.4	74.4	71.3	71.3	69.5	66.6	62.7	66.4	69.0	74.27
73.7	74.7	74.7	71.2	68.9	69.3	68.0	66.6	64.4	68.8	66.0	64.6	69.98
77.3	80.0	78.0	79.7	81.6	78.2	77.1	78.3	76.8	78.3	76.7	75.8	74.24
83.0	85.5	86.1	84.5	80.2	79.3	76.4	75.5	76.0	74.2	74.2	74.2	79.72
—	—	—	—	—	—	—	—	—	—	—	—	—
76.8	79.5	79.5	80.8	78.0	84.2	84.5	83.8	83.5	83.3	76.8	79.6	78.19
78.0	76.8	79.3	86.0	79.6	77.0	80.0	73.6	71.0	71.0	72.7	73.3	75.42
72.0	71.3	77.0	78.2	76.2	72.9	76.1	77.2	69.5	71.5	76.8	71.4	72.06
71.4	73.5	76.8	72.9	70.6	70.6	66.6	63.4	64.3	63.6	62.6	62.2	67.70
71.6	72.2	71.0	68.3	67.4	67.4	62.9	58.8	58.8	58.8	58.8	58.8	64.35
60.7	62.2	62.2	62.2	59.3	58.2	55.9	53.7	55.3	56.0	55.8	56.2	59.81
—	—	—	—	—	—	—	—	—	—	—	—	—
73.0	73.1	73.1	73.0	73.0	72.1	70.0	66.5	66.5	68.3	71.2	69.7	68.50
69.3	73.8	77.7	77.3	81.2	75.5	80.0	80.0	76.5	76.6	—	70.0	73.92
86.2	84.5	84.0	85.7	86.4	87.0	85.0	81.2	80.5	80.5	80.9	81.5	79.97
89.5	94.3	95.7	95.0	94.4	91.7	85.3	80.7	77.4	77.8	77.6	78.3	85.33
86.5	89.2	89.2	87.8	85.7	83.6	80.0	75.5	75.5	72.0	71.6	71.6	81.14
79.5	82.3	82.5	80.3	78.0	74.1	74.2	71.9	70.5	73.0	72.0	73.8	75.66
—	—	—	—	—	—	—	—	—	—	—	—	—
80.0	92.2	86.2	78.9	83.7	86.7	80.5	83.5	80.4	91.7	91.0	87.7	78.95
68.7	73.0	89.0	146.6	97.0	72.9	70.5	79.4	83.5	83.5	85.8	72.6	78.63
92.2	94.5	96.0	97.5	103.8	91.0	91.7	91.7	92.7	91.8	87.8	90.5	90.16
84.8	89.5	91.4	85.5	80.8	89.3	80.4	86.7	77.7	88.8	95.5	94.1	83.43
73.0	78.9	84.3	81.7	86.9	85.2	95.5	91.5	96.4	100.1	93.2	100.3	83.63
83.0	83.0	86.3	89.7	87.4	83.6	81.3	79.7	77.6	71.2	61.5	61.7	80.99
—	—	—	—	—	—	—	—	—	—	—	—	—
74.2	72.0	74.0	74.0	72.3	70.6	66.4	65.5	68.8	65.5	65.7	64.5	69.31
68.5	71.0	72.3	72.8	71.3	68.9	65.9	67.2	65.3	63.9	62.2	63.7	67.54
63.4	67.2	70.6	68.2	67.9	67.9	62.2	56.6	58.6	57.8	55.3	54.4	63.60
76.50	78.89	80.67	82.21	79.44	77.14	75.51	74.32	73.36	74.03	73.26	72.78	75.03

TEMPERATURE OF THE VERTICAL FORCE MAGNET.

°	°	°	°	°	°	°	°	°	°	°	°	°
56.3	56.8	57.3	58.0	58.8	59.6	60.2	61.0	61.4	61.8	62.0	62.2	58.09
60.8	60.8	61.2	61.6	62.0	62.6	63.0	63.2	63.2	63.2	63.1	62.9	61.95
56.8	56.8	57.0	56.8	56.8	56.8	57.0	57.0	57.1	57.1	57.0	56.9	58.27
54.0	54.0	54.3	54.8	55.2	55.4	55.6	56.0	56.4	56.8	57.4	57.4	55.40
—	—	—	—	—	—	—	—	—	—	—	—	—
57.4	57.6	57.8	58.1	58.6	59.0	59.3	59.6	59.7	59.9	60.0	60.0	58.33
58.2	58.4	58.8	59.3	59.8	60.0	60.4	60.6	60.7	61.0	61.0	61.0	59.54
59.8	60.0	60.3	60.6	61.0	61.6	62.0	62.6	62.8	62.9	63.0	62.9	60.90
62.0	62.0	62.6	63.2	63.9	64.6	65.5	65.6	66.0	66.4	67.0	67.0	63.40
63.6	64.0	64.3	65.0	65.6	66.0	66.6	67.2	67.8	68.2	68.4	68.6	65.78
67.0	67.0	67.6	68.2	68.8	69.6	70.0	70.2	70.2	70.2	70.2	70.0	68.47
—	—	—	—	—	—	—	—	—	—	—	—	—
62.7	62.3	62.5	62.7	62.8	63.0	63.2	63.4	63.4	63.4	63.2	63.0	64.11
60.6	60.6	60.6	60.8	61.0	61.1	61.1	61.0	61.0	61.0	—	60.7	61.24
56.8	56.5	56.4	56.3	56.3	56.3	56.3	56.3	56.4	56.5	56.2	56.1	57.55
54.2	54.2	54.6	54.8	55.2	55.6	56.2	56.4	57.0	57.0	57.4	57.6	55.45
56.4	56.8	56.8	57.2	57.5	58.1	58.7	59.0	59.7	59.9	60.2	60.4	57.75
59.2	59.5	60.0	60.3	61.2	61.8	62.4	62.7	63.0	63.4	63.6	63.6	60.92
—	—	—	—	—	—	—	—	—	—	—	—	—
60.0	60.0	60.0	60.0	59.9	60.0	60.2	60.2	59.9	59.8	59.6	59.4	60.55
57.8	57.8	57.9	58.1	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	58.75
57.7	57.6	57.6	57.8	57.8	58.0	58.2	58.4	58.6	58.8	59.0	59.0	58.21
58.8	58.8	59.0	59.2	59.3	59.7	59.9	60.1	60.2	60.3	60.3	60.3	59.23
58.8	58.9	59.4	60.0	60.5	61.2	61.6	62.1	62.5	63.0	63.1	63.1	60.40
61.2	61.3	61.5	62.0	62.2	62.4	62.3	62.7	63.0	62.8	62.8	62.8	62.18
—	—	—	—	—	—	—	—	—	—	—	—	—
57.8	58.0	58.2	58.7	59.1	59.4	59.7	60.0	60.2	60.4	60.6	60.5	59.42
58.9	59.2	59.2	59.4	59.8	60.0	60.4	60.8	61.2	61.4	61.6	61.8	59.90
61.0	61.2	61.4	61.6	62.0	62.6	63.2	63.6	64.2	64.7	64.8	64.8	62.12
59.11	59.20	59.45	59.78	60.16	60.54	60.88	61.15	61.38	61.56	61.69	61.64	60.32

VERTICAL FORCE.													
One Scale Division = .000063 parts of the V.F. Change in the Magnetic moment of the Bar for 1° Fah. = .00021.													
Mean Göttingen Time.)	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
MARCH.	1	56.3	58.9	58.9	56.8	58.7	59.3	60.5	61.3	61.3	61.3	61.3	
	2	60.7	61.8	60.4	62.3	—	62.7	61.3	62.5	63.5	63.5	63.5	
	3	60.3	60.3	61.1	61.1	61.1	61.1	62.3	65.0	—	63.9	65.1	
	4	63.3	65.1	64.0	—	—	—	—	—	—	—	—	—
	5	—	—	—	69.0	68.8	68.2	66.7	68.3	67.1	67.1	67.1	71.1
	6	61.8	61.8	61.2	61.4	—	61.4	63.1	62.9	62.9	62.9	63.8	63.8
	7	58.2	59.2	59.8	60.4	60.8	60.8	62.5	62.5	62.5	62.5	62.5	62.9
	8	62.9	61.4	66.6	65.1	65.3	64.5	63.5	66.3	67.0	65.0	67.9	64.5
	9	63.4	63.4	64.9	65.9	66.8	66.8	67.0	66.5	67.7	66.8	67.5	68.0
	10	56.0	57.0	58.3	59.8	59.4	60.0	60.9	60.9	60.9	60.9	61.7	61.7
	11	58.2	58.7	59.0	—	—	—	—	—	—	—	—	—
	12	—	—	—	56.0	57.0	57.0	58.5	58.2	57.4	56.9	56.9	56.9
	13	55.4	55.8	56.3	55.3	57.3	57.7	60.0	63.3	—	63.3	60.9	62.2
	14	59.7	61.4	63.2	60.7	61.8	63.2	64.2	65.0	65.0	64.8	64.4	63.8
	15	76.5	77.6	75.0	70.0	74.2	70.0	67.8	69.5	69.3	73.0	72.0	73.3
	16	68.2	68.8	69.5	71.3	68.1	70.6	70.9	69.3	69.8	70.4	70.4	70.4
	17	73.3	69.8	72.4	65.1	62.2	59.8	58.2	49.9	50.6	58.8	62.6	70.3
	18	60.0	56.7	59.7	—	—	—	—	—	—	—	—	—
	19	—	—	—	55.4	54.3	55.0	45.2	50.7	52.2	53.8	55.3	55.3
	20	77.3	84.1	69.9	63.3	62.2	58.8	55.4	51.8	55.0	58.8	62.7	66.7
	21	73.4	64.7	74.8	71.8	71.4	72.0	75.2	74.6	—	75.5	75.5	79.5
	22	68.9	71.4	71.4	72.7	73.7	73.5	74.7	72.5	73.6	75.3	76.8	76.8
	23	71.5	72.0	72.0	70.0	71.0	70.8	71.0	71.3	67.4	67.3	69.0	69.8
	24	68.3	67.1	72.7	70.8	—	70.0	70.5	70.5	70.5	70.5	68.6	67.5
	25	70.0	65.7	59.5	—	—	—	—	—	—	—	—	—
	26	—	—	—	71.4	73.0	74.2	75.4	76.3	74.2	72.3	72.9	73.3
	27	74.2	71.8	72.2	72.9	71.4	72.8	70.7	76.5	72.5	72.2	73.4	73.5
	28	67.7	67.0	69.0	69.0	70.7	70.9	71.3	68.7	70.6	73.5	73.0	72.7
	29	65.5	67.2	66.3	66.8	68.6	69.5	70.4	69.3	70.9	70.9	70.9	70.6
	30	62.0	62.0	64.4	63.0	62.3	63.0	63.6	63.6	63.6	64.0	65.6	70.3
	31	67.8	70.9	64.4	65.3	67.2	60.8	59.0	66.0	68.1	68.8	67.0	69.2
Hourly Means	65.22	65.24	65.44	64.95	65.30	65.00	64.81	65.30	65.15	66.08	66.60	67.72	

TEMPERATURE OF THE VERTICAL FORCE MAGNET.													
MARCH.	1	64.8	64.8	64.5	64.4	63.8	63.5	63.2	63.0	62.8	62.5	62.0	
	2	62.5	62.4	62.3	62.3	—	62.2	62.0	61.8	61.6	61.4	61.2	
	3	62.8	62.8	62.6	62.4	62.0	61.8	61.5	61.2	—	60.7	60.4	
	4	61.3	61.2	61.2	—	—	—	—	—	—	—	—	—
	5	—	—	—	59.4	59.2	59.0	59.0	58.8	58.8	58.6	58.5	58.5
	6	62.4	62.2	62.0	61.8	—	61.4	61.2	61.0	60.8	60.4	60.4	60.2
	7	63.8	63.6	63.4	63.2	63.0	62.6	62.3	62.2	61.8	61.4	61.2	61.1
	8	61.8	61.4	61.0	60.8	60.5	60.2	59.7	59.7	59.2	58.8	58.4	58.2
	9	60.8	60.6	60.6	60.4	60.2	60.1	60.0	59.8	59.4	59.2	59.0	59.2
	10	64.7	64.6	64.3	64.0	64.0	63.7	63.3	63.3	63.0	62.8	62.5	62.2
	11	63.3	63.6	63.7	—	—	—	—	—	—	—	—	—
	12	—	—	—	65.0	65.0	64.8	64.5	64.3	64.2	64.0	63.8	63.7
	13	65.0	65.0	65.0	65.0	64.8	64.3	64.0	63.6	—	62.8	62.6	62.4
	14	62.3	62.2	62.1	62.0	61.8	61.6	61.4	61.4	61.2	60.8	60.6	60.5
	15	58.2	58.0	57.8	57.6	57.3	57.2	57.0	57.0	57.0	56.9	56.7	56.6
	16	57.7	57.7	57.8	57.7	57.7	57.3	57.1	57.1	56.8	56.5	56.4	56.0
	17	60.3	60.4	60.7	60.6	60.6	60.4	60.4	60.4	60.2	60.2	60.0	60.2
	18	63.6	63.8	63.8	—	—	—	—	—	—	—	—	—
	19	—	—	—	65.3	65.2	65.0	64.6	64.4	64.0	63.8	63.4	63.0
	20	62.0	61.9	61.4	61.3	61.2	60.8	60.6	60.4	60.2	59.8	59.5	59.6
	21	59.4	59.1	58.9	58.7	58.4	58.1	57.7	57.3	—	56.8	56.6	56.6
	22	59.0	58.9	58.7	58.4	58.2	57.7	57.2	57.2	57.0	56.8	56.8	56.4
	23	57.7	58.0	58.0	58.0	58.2	58.3	58.3	58.5	58.7	58.8	58.8	58.8
	24	60.8	60.3	60.0	59.7	—	59.1	58.9	58.8	58.8	59.0	59.2	59.4
	25	63.8	63.8	64.0	—	—	—	—	—	—	—	—	—
	26	—	—	—	58.4	58.0	57.8	57.6	57.2	56.9	56.6	56.3	56.2
	27	58.8	58.8	58.6	58.4	58.2	58.0	57.8	57.5	57.2	57.0	56.8	56.8
	28	59.0	59.0	58.9	58.8	58.7	58.6	58.4	58.3	58.2	58.0	57.8	57.8
	29	60.4	60.2	60.0	60.0	59.7	59.5	59.0	59.0	58.7	58.3	58.0	57.8
	30	63.4	63.4	63.0	62.8	62.6	62.4	62.0	61.6	61.3	61.0	60.5	60.3
	31	60.8	60.4	60.2	59.9	59.5	59.2	58.9	58.6	58.5	58.2	58.2	58.5
Hourly Means	61.50	61.41	61.28	60.97	60.74	60.54	60.28	60.13	59.85	59.67	59.48	59.38	

VERTICAL FORCE.												
One Scale Division = .000063 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah. = .00021.												
12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
64.5	66.7	66.7	69.7	63.3	59.1	57.9	60.2	64.8	61.4	60.0	65.8	61.63
65.0	65.6	67.3	66.1	63.3	60.8	59.3	59.6	59.6	60.5	59.5	59.5	62.25
66.2	64.2	69.3	65.5	63.5	62.0	60.6	62.5	63.0	63.1	62.8	62.7	63.21
—	—	—	—	—	—	—	—	—	—	—	—	65.76
70.7	68.7	67.2	65.8	63.4	62.3	62.3	62.3	64.2	64.2	61.2	60.2	62.17
67.3	66.3	66.3	68.3	62.9	60.7	58.1	60.0	59.3	59.3	58.2	56.3	62.80
66.5	66.5	68.2	63.4	67.3	65.7	64.4	62.2	61.9	60.2	60.9	60.9	65.65
67.0	69.5	75.3	71.4	67.2	66.4	67.3	63.5	63.0	61.7	61.0	62.0	64.67
68.0	69.0	71.0	71.0	67.2	65.7	62.0	64.6	56.2	55.0	54.0	53.8	60.45
62.0	62.5	63.2	62.9	63.1	62.3	61.2	59.7	59.8	60.3	58.8	57.4	58.04
—	—	—	—	—	—	—	—	—	—	—	—	60.58
58.3	61.1	63.4	63.4	61.4	59.6	57.9	56.0	55.3	55.3	55.5	55.1	68.17
62.3	63.2	64.1	65.5	65.6	64.8	61.9	61.4	58.8	58.7	60.0	58.6	71.87
64.6	67.4	70.3	66.8	66.8	68.0	76.3	87.5	79.3	74.5	78.2	79.3	73.19
71.5	74.2	75.4	73.6	73.0	73.0	70.8	70.8	69.5	66.6	68.3	69.9	62.62
72.5	73.6	73.6	75.2	81.5	77.4	76.5	78.0	84.4	81.2	76.2	68.8	63.62
63.3	63.9	63.8	63.8	63.8	62.9	62.2	61.7	61.2	61.2	60.2	62.0	68.37
—	—	—	—	—	—	—	—	—	—	—	—	73.97
56.5	70.2	71.0	71.0	74.9	69.4	69.0	65.4	80.0	91.9	86.7	67.4	74.27
63.3	72.3	71.7	76.0	68.0	72.4	73.3	74.6	75.7	81.9	73.8	71.9	70.41
82.7	79.8	80.8	79.5	77.5	74.6	72.0	69.8	68.7	70.0	69.1	68.4	68.92
78.2	79.0	83.3	80.3	76.5	74.6	73.1	73.1	72.0	70.0	70.8	70.2	73.01
70.7	71.8	74.9	75.1	70.3	67.8	64.9	66.2	70.6	71.7	72.4	70.3	72.85
67.5	68.2	69.6	72.0	69.5	80.3	70.5	64.5	60.0	61.7	60.6	73.8	70.69
—	—	—	—	—	—	—	—	—	—	—	—	67.65
76.2	76.4	78.5	78.5	79.5	75.7	75.2	73.8	70.9	67.5	70.9	70.9	65.77
77.0	74.7	73.3	74.0	74.6	77.0	73.0	71.0	74.2	69.0	69.6	66.9	67.82
74.2	75.8	74.0	74.0	76.0	73.9	73.9	71.0	67.5	65.7	62.7	63.8	66.70
72.3	73.8	75.0	73.3	68.9	67.8	65.7	62.0	62.0	59.9	58.7	57.2	65.77
70.4	72.2	69.2	66.7	67.0	68.2	68.4	70.6	68.7	60.4	64.2	65.0	67.82
75.1	65.5	68.9	77.5	72.2	71.1	69.9	70.2	65.8	67.0	65.7	64.3	66.70
68.66	69.71	70.94	70.97	69.20	68.28	66.95	66.75	66.54	65.92	65.19	64.53	66.70

TEMPERATURE OF THE VERTICAL FORCE MAGNET.												
62.0	61.9	61.9	61.8	62.0	62.1	62.3	62.3	62.6	62.6	62.6	62.6	62.85
61.1	61.2	61.3	61.6	61.8	62.0	62.3	62.4	62.7	62.8	63.0	63.0	62.00
60.2	60.4	60.3	60.6	60.8	61.0	61.2	61.3	61.5	61.6	61.7	61.7	61.33
—	—	—	—	—	—	—	—	—	—	—	—	60.00
58.7	58.9	59.2	59.7	60.0	60.4	60.8	61.2	61.5	61.8	62.1	62.2	61.70
60.2	60.4	60.6	61.2	61.4	62.0	62.4	62.8	63.2	63.5	63.8	63.8	62.02
61.0	61.0	61.2	61.2	61.6	61.7	61.9	62.0	61.8	61.8	61.8	61.8	59.96
58.2	58.4	59.0	59.4	59.8	60.0	60.4	60.6	60.8	60.8	61.0	61.0	61.00
59.4	59.6	60.0	60.5	61.0	61.7	62.5	63.0	63.8	64.2	64.6	64.5	63.01
62.1	62.0	62.0	62.1	62.0	62.2	62.2	62.7	63.0	63.1	63.2	63.3	64.21
—	—	—	—	—	—	—	—	—	—	—	—	63.11
63.7	63.6	63.6	63.8	63.8	64.0	64.3	64.7	64.8	64.9	65.0	65.0	60.37
62.0	62.0	61.8	62.2	62.2	62.3	62.3	62.4	62.4	62.5	62.5	62.4	57.18
60.2	60.1	60.0	59.8	59.6	59.2	59.0	58.8	58.8	58.6	58.4	58.4	57.59
56.6	56.4	56.6	56.6	56.8	57.0	57.2	57.3	57.2	57.7	57.8	57.8	61.16
55.8	55.8	55.8	56.6	57.1	58.0	58.6	59.0	59.5	59.8	60.1	60.2	63.20
60.5	60.6	60.7	61.0	61.2	61.6	62.2	62.6	62.8	63.2	63.4	63.6	60.28
—	—	—	—	—	—	—	—	—	—	—	—	57.90
62.8	62.5	62.3	62.3	62.3	62.3	62.3	62.2	62.0	62.0	62.0	61.8	57.31
59.5	59.6	59.6	59.8	60.0	60.0	60.0	60.0	60.0	60.0	59.8	59.7	59.40
56.4	56.5	56.6	56.6	57.0	57.6	58.2	58.8	59.0	59.1	59.2	59.1	61.00
56.3	56.3	56.2	56.4	56.7	56.8	57.0	57.4	57.3	57.5	57.6	57.7	58.28
59.0	59.3	59.8	60.0	60.3	60.3	60.8	61.2	61.4	61.2	61.1	61.0	57.96
59.8	60.3	61.0	61.4	62.0	62.5	62.9	63.4	63.8	63.8	64.0	64.0	59.94
—	—	—	—	—	—	—	—	—	—	—	—	61.36
56.2	56.2	56.2	56.8	57.4	57.6	58.0	58.4	58.6	58.8	59.0	58.8	59.87
56.8	56.8	57.2	57.4	57.7	58.0	58.5	58.8	58.8	59.0	59.0	59.1	60.47
57.8	57.8	57.9	58.2	58.5	59.0	59.2	59.5	60.0	60.2	60.0	60.2	61.36
57.8	58.0	58.2	58.8	59.8	60.2	61.2	61.8	62.6	63.0	63.2	63.3	59.94
60.3	60.0	60.0	60.2	60.3	60.6	61.0	61.2	61.2	61.3	61.2	61.0	61.36
58.7	58.8	59.1	59.4	60.0	60.5	61.0	61.3	61.6	61.8	61.9	61.8	59.87
59.37	59.42	59.56	59.83	60.11	60.40	60.73	61.00	61.21	61.36	61.44	61.44	60.47

VERTICAL FORCE.													
One Scale Division = '000063 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah' = '00021.													
Mean Göttingen Time. } }	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
APRIL.	1	65·0	60·3	62·3	—	—	—	—	—	—	—	—	
	2	—	—	—	69·6	56·7	62·3	62·3	51·7	60·0	68·5	62·0	63·0
	3	68·6	69·8	74·3	71·2	64·2	70·0	74·4	63·5	70·0	72·2	80·0	74·0
	4	75·0	75·2	75·9	77·0	—	76·0	75·6	75·0	76·1	77·3	77·3	80·2
	5	63·7	63·7	65·4	66·3	61·8	62·5	64·3	65·9	64·6	64·6	70·6	65·8
	6	64·3	64·8	60·0	61·3	68·2	71·7	71·5	70·4	70·4	70·4	72·3	74·2
	7	64·2	75·1	68·3	79·3	75·8	70·3	70·3	63·6	61·0	66·6	68·4	66·7
	8	68·0	68·0	69·4	—	—	—	—	—	—	—	—	—
	9	—	—	—	—	65·8	65·4	65·4	66·3	66·3	64·8	66·3	66·3
	10	64·4	66·7	66·5	66·5	67·6	67·6	69·2	69·2	68·6	69·5	69·4	68·3
	11	64·8	64·8	66·7	71·5	73·1	74·0	75·9	76·2	—	75·1	78·9	78·5
	12	73·4	73·8	73·8	73·1	73·1	74·4	74·4	74·4	73·8	73·0	72·0	72·0
	13	63·0	63·1	64·0	63·5	—	64·8	65·6	65·6	65·6	64·3	64·3	64·7
	14	56·6	58·3	59·2	60·4	60·4	61·7	59·8	61·3	62·6	62·6	62·5	60·6
	15	64·1	65·9	63·5	—	—	—	—	—	—	—	—	—
	16	—	—	—	76·8	76·2	75·6	76·6	76·6	72·9	75·4	79·4	75·1
	17	72·0	72·7	72·7	74·2	74·2	71·7	71·1	71·9	81·9	62·8	66·4	73·7
	18	65·7	67·0	67·0	67·0	67·6	67·6	67·5	67·5	—	67·5	67·5	68·8
	19	64·2	67·0	67·2	70·0	70·0	70·0	70·0	70·0	—	70·0	68·2	68·8
	20	67·4	71·2	70·3	—	—	—	—	—	—	—	—	—
	21	—	—	—	66·8	63·3	57·0	57·4	61·8	63·0	65·7	68·2	66·3
	22	67·8	62·0	—	—	—	—	—	—	—	—	—	—
	23	—	—	—	60·8	59·3	58·5	57·5	61·4	58·5	57·4	57·5	62·7
	24	57·8	60·7	60·7	62·8	—	64·2	66·8	67·0	69·5	70·2	68·8	68·5
	25	67·8	70·2	70·5	69·8	69·8	69·8	69·8	70·2	—	67·0	67·0	67·0
	26	54·8	56·2	55·4	54·8	55·9	55·9	55·7	54·6	54·3	54·2	53·8	53·4
	27	49·7	52·8	53·5	54·3	56·5	56·2	56·7	56·2	—	57·5	58·3	60·9
	28	53·6	54·4	54·9	54·5	55·6	58·1	56·2	52·7	54·5	54·0	55·3	57·0
	29	63·2	62·3	62·3	—	—	—	—	—	—	—	—	—
	30	—	—	—	69·7	66·4	69·9	71·8	67·0	67·0	67·0	67·0	69·7
	Hourly Means	64·13	65·25	65·38	67·01	65·79	66·47	66·91	65·83	66·35	66·57	67·56	67·76
TEMPERATURE OF THE VERTICAL FORCE MAGNET.													
APRIL.	1	61·8	61·7	61·7	°	°	°	°	°	°	°	°	
	2	—	—	—	62·0	61·9	61·8	61·6	61·3	61·0	60·8	60·5	60·2
	3	59·8	59·2	58·9	58·6	58·2	57·8	57·3	56·9	56·3	55·8	55·4	55·2
	4	57·3	57·3	57·1	57·0	—	56·4	56·0	55·8	55·6	55·3	55·1	54·9
	5	62·6	62·8	63·0	63·0	62·8	63·0	63·0	63·2	63·1	63·0	62·6	62·2
	6	63·0	62·9	62·6	62·2	62·3	61·3	61·0	60·5	60·0	59·6	59·2	58·8
	7	58·3	58·5	58·3	58·1	57·8	57·6	57·6	57·6	57·3	57·2	57·2	57·3
	8	59·8	59·8	59·7	—	—	—	—	—	—	—	—	—
	9	—	—	—	—	61·1	61·0	60·9	60·7	60·6	60·4	60·4	60·2
	10	60·8	60·7	60·2	60·0	59·8	59·6	59·4	59·2	58·8	58·7	58·5	58·7
	11	57·2	56·8	56·2	55·6	55·2	54·5	53·8	53·6	—	53·0	52·5	52·2
	12	53·5	53·7	53·8	53·8	54·0	54·0	54·1	54·2	54·4	54·8	55·0	55·0
	13	59·1	59·2	59·3	59·2	—	59·4	59·4	59·3	59·2	59·2	59·1	59·0
	14	62·4	62·2	62·0	61·6	61·3	61·0	60·6	60·4	60·0	59·8	59·4	59·5
	15	58·2	58·0	57·8	—	—	—	—	—	—	—	—	—
	16	—	—	—	53·8	53·4	53·2	52·8	52·6	52·2	52·0	51·8	51·7
	17	54·4	54·2	54·2	54·0	53·9	53·9	53·8	53·8	53·8	54·0	54·2	54·5
	18	57·2	57·3	57·4	57·6	57·7	57·8	57·8	57·9	—	57·8	57·8	57·8
	19	57·8	57·8	57·2	57·0	56·6	56·2	55·8	55·6	—	55·2	55·0	54·8
	20	57·0	56·6	56·4	—	—	—	—	—	—	—	—	—
	21	—	—	—	58·3	58·4	58·8	58·5	58·4	58·2	58·2	58·0	58·2
	22	63·0	63·0	—	—	—	—	—	—	—	—	—	—
	23	—	—	—	63·7	63·5	63·2	63·0	62·8	62·4	62·2	62·0	61·7
	24	60·8	60·5	60·2	59·9	—	59·0	58·6	58·1	57·7	57·2	56·8	56·6
	25	56·2	56·2	56·1	56·1	56·2	56·2	56·2	56·2	—	56·2	56·4	56·4
	26	62·8	62·8	63·0	63·0	63·0	63·3	63·5	63·7	63·8	63·9	64·0	64·0
	27	65·0	64·8	64·5	64·0	63·7	63·2	63·0	62·6	—	61·8	61·8	61·4
	28	63·2	63·7	63·7	63·7	63·6	63·6	63·4	63·4	63·2	63·0	62·8	62·8
	29	61·6	61·2	61·0	—	—	—	—	—	—	—	—	—
	30	—	—	—	56·0	56·0	55·7	55·3	55·2	54·8	54·6	54·4	54·0
	Hourly Means	59·70	59·62	59·32	59·05	59·07	58·81	58·60	58·46	58·55	58·07	57·91	57·80

* Good Friday.

VERTICAL FORCE.

One Scale Division = '000063 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fahr. = '00021.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
68.4	72.7	75.7	74.7	74.7	70.3	73.5	74.5	68.6	77.6	72.5	69.0	67.33
78.7	75.0	76.7	83.9	82.3	83.6	78.2	80.6	76.0	77.5	74.6	74.4	74.74
84.0	81.0	80.6	80.7	79.4	76.5	71.2	68.9	65.7	67.7	65.8	63.7	75.03
65.8	62.7	71.0	71.3	69.3	72.7	78.0	76.8	68.7	67.1	66.3	64.3	67.22
74.2	78.0	90.2	81.7	82.4	82.5	84.2	92.4	111.4	130.0	132.6	113.3	82.18
68.0	68.8	71.6	69.8	73.0	77.8	77.8	69.6	63.8	65.7	67.7	63.3	69.44
66.6	66.3	66.2	68.2	70.0	66.4	65.4	61.6	65.9	66.2	64.0	63.7	66.20
69.6	67.8	68.5	69.1	69.1	69.5	69.5	66.7	66.7	66.7	66.7	68.1	67.98
80.1	78.0	76.4	76.4	76.4	76.6	75.8	75.8	74.8	73.4	72.8	72.8	74.30
71.2	71.2	71.7	71.7	71.1	69.3	67.9	65.5	63.8	63.7	63.6	63.0	70.62
60.7	60.4	61.0	62.6	63.3	61.7	60.8	58.7	57.7	55.3	55.3	57.7	61.90
60.6	62.8	65.9	66.7	66.7	66.7	64.7	63.7	62.8	62.8	62.8	63.7	62.33
79.6	77.9	78.7	79.6	81.3	74.5	74.5	73.8	70.1	70.1	72.0	72.0	74.26
70.8	70.8	73.9	69.3	70.8	72.4	73.3	71.5	66.7	65.8	65.7	65.7	70.92
68.8	70.2	72.7	72.7	70.2	66.6	65.7	65.8	68.3	67.9	65.5	65.5	67.85
70.5	71.7	71.5	72.4	72.4	71.5	70.6	69.3	67.5	66.2	67.1	67.6	69.29
65.4	67.0	65.4	64.7	66.9	67.4	62.0	70.2	82.5	88.0	77.5	69.4	67.70
61.5	63.5	66.4	64.8	61.6	60.5	60.5	56.6	57.8	57.8	57.8	59.3	60.50
70.6	72.2	72.8	73.5	72.3	70.8	70.4	68.5	67.0	66.9	68.5	65.8	67.67
67.6	69.2	70.5	69.9	69.4	65.5	63.5	60.4	57.2	54.9	54.9	55.7	65.98
54.5	55.7	56.2	56.8	56.0	54.6	54.0	50.1	47.7	47.3	47.3	48.8	53.67
59.2	60.6	62.9	63.9	63.0	61.5	59.8	55.8	53.8	53.1	52.9	53.0	57.05
58.3	59.1	58.0	58.3	57.6	60.6	60.6	58.3	64.2	71.7	69.0	63.2	58.32
67.6	67.6	70.2	71.4	72.5	72.4	86.8	73.1	71.9	68.3	68.1	72.5	69.40
68.43	68.76	70.61	70.59	70.49	69.66	69.53	67.84	67.52	68.82	67.96	66.48	67.59

TEMPERATURE OF THE VERTICAL FORCE MAGNET.

°	°	°	°	°	°	°	°	°	°	°	°	°
60.0	60.2	60.2	60.2	60.4	60.5	60.5	60.4	60.3	60.2	60.0	59.9	60.80
55.0	55.0	55.2	55.4	56.0	56.2	56.5	57.1	57.5	57.8	57.8	57.6	56.94
55.1	55.4	55.8	56.3	57.2	58.0	59.0	60.0	60.8	61.5	62.0	62.4	57.46
62.2	62.2	62.4	62.6	62.8	62.9	63.1	63.2	63.3	63.3	63.4	63.2	62.87
58.4	58.4	58.2	58.1	58.0	58.0	58.2	58.3	58.5	58.5	58.4	58.4	59.70
57.3	57.5	57.7	58.0	58.4	58.6	59.0	59.2	59.6	59.6	59.8	59.8	58.22
60.0	60.2	60.4	60.3	60.6	60.8	61.0	61.2	61.2	61.1	61.0	60.9	60.58
58.8	59.1	59.2	59.2	59.2	59.2	59.0	59.0	58.8	58.4	58.2	57.6	59.17
52.0	52.0	51.8	52.0	52.0	52.2	52.5	52.8	53.0	53.0	53.2	53.3	53.50
55.4	55.8	56.2	56.6	57.0	57.3	57.8	58.0	58.5	58.8	58.8	59.0	55.81
59.1	59.6	60.0	60.8	61.0	61.4	61.8	62.3	62.6	62.8	62.8	62.6	60.36
59.6	59.2	59.0	59.0	59.0	59.0	59.0	58.9	58.8	58.8	58.6	58.3	59.90
51.5	51.8	51.8	52.2	52.8	53.2	53.4	53.6	53.8	54.0	54.2	54.0	53.50
54.4	54.6	54.6	54.6	54.8	55.2	55.7	56.0	56.2	56.4	56.9	57.2	54.80
57.8	57.8	57.8	57.9	58.0	58.2	58.5	58.7	58.5	58.2	58.0	58.0	57.90
54.8	55.0	55.4	55.4	55.6	56.0	56.2	56.7	56.9	57.2	57.1	57.0	56.19
58.2	58.6	58.8	59.3	60.0	60.6	61.3	61.8	62.4	62.7	63.0	63.0	59.36
61.5	61.6	61.3	61.7	61.7	61.7	61.7	61.6	61.5	61.4	61.3	61.1	62.11
56.4	56.3	56.2	56.2	56.2	56.2	56.5	56.7	56.6	56.5	56.2	56.2	57.46
56.7	57.0	57.4	57.9	58.4	59.0	59.8	60.4	61.2	61.7	62.0	62.5	57.93
64.2	64.4	64.5	64.8	65.0	65.2	65.5	65.8	66.0	66.1	65.8	65.5	64.32
61.2	61.2	61.2	61.3	61.7	62.0	62.4	62.5	62.9	63.0	63.0	63.1	62.65
62.8	62.7	63.0	63.1	63.2	63.2	63.2	63.2	63.0	62.8	62.5	62.0	63.07
53.8	53.8	54.0	54.5	54.7	54.9	55.2	55.4	55.6	55.7	55.8	56.0	55.80
57.76	57.90	58.05	58.22	58.49	58.73	59.03	59.27	59.47	59.55	59.56	59.52	58.77

VERTICAL FORCE.													
One Scale Division = '000061 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah. = '00021.													
Mean Göttingen Time. }	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
MAY.	1	62.2	68.2	67.8	67.0	—	64.5	64.5	66.9	64.8	64.2	62.6	60.5
	2	65.3	64.2	66.5	68.5	—	68.5	68.8	69.0	69.8	68.4	67.6	68.4
	3	72.8	65.0	64.0	71.3	70.1	69.5	68.7	70.4	70.8	71.5	71.5	70.0
	4	66.2	66.0	66.1	65.8	—	65.5	67.0	67.7	63.1	63.1	67.7	70.8
	5	71.2	71.8	72.6	73.2	73.2	73.2	72.0	72.0	73.4	72.2	72.4	72.0
	6	70.4	65.4	72.9	—	—	—	—	—	—	—	—	—
	7	—	—	—	71.3	71.3	72.5	72.5	72.5	70.2	69.5	69.5	71.6
	8	72.4	77.3	80.5	80.5	67.5	73.0	72.2	67.7	78.1	75.0	66.1	70.2
	9	75.3	75.3	73.7	71.9	75.3	75.7	73.3	77.3	60.0	65.3	71.9	71.9
	10	73.5	72.2	75.2	77.3	80.6	78.8	75.1	76.9	—	75.0	75.7	77.0
	11	79.3	78.4	80.6	78.6	79.5	79.5	79.5	78.9	78.9	77.9	78.0	77.7
	12	76.0	76.0	76.5	76.4	78.1	77.2	78.9	79.5	78.8	78.0	81.8	77.7
	13 ^a	74.9	75.4	77.7	—	—	—	—	—	—	—	—	—
	14 ^b	—	—	—	91.6	91.6	91.6	92.5	91.8	92.0	90.9	90.6	91.2
	15	90.1	91.8	92.5	92.5	92.6	92.5	91.9	92.6	92.2	91.3	92.1	91.8
	16	87.9	89.3	90.9	89.0	88.6	88.6	88.6	88.6	84.0	82.5	85.0	84.5
	17	88.2	89.8	89.8	89.8	85.2	88.8	90.9	76.3	88.5	91.3	88.0	89.4
	18	101.1	100.8	94.9	95.5	95.3	93.5	94.2	73.9	81.2	85.6	90.2	91.1
	19	94.3	94.3	94.4	88.4	81.4	84.0	86.6	88.9	90.5	90.5	90.1	92.8
	20	98.5	96.4	96.4	—	—	—	—	—	—	—	—	—
	21	—	—	—	90.5	90.7	91.7	91.7	92.2	92.2	91.0	92.1	95.6
	22	88.0	87.9	88.0	87.0	82.4	85.6	87.7	87.2	86.8	86.2	88.0	87.5
	23	86.4	88.3	88.8	89.7	—	88.9	88.9	88.5	90.3	90.5	90.7	90.4
	24	87.3	87.5	86.7	88.8	92.8	92.0	90.7	89.3	88.2	86.6	85.5	85.5
	25	88.0	87.7	89.0	91.2	93.7	94.2	94.5	92.8	94.0	94.3	92.3	92.3
	26	94.4	92.9	93.8	94.9	94.9	95.5	94.8	98.5	96.8	98.9	98.8	97.4
	27	98.9	98.4	83.5	—	—	—	—	—	—	—	—	—
	28	—	—	—	93.5	93.8	92.2	91.2	91.2	91.2	89.9	88.7	93.0
	29	80.3	87.8	87.8	87.8	90.0	90.8	90.0	88.8	89.7	90.3	90.3	90.4
	30	94.7	95.0	95.0	95.2	96.0	96.0	96.0	96.5	96.5	95.0	95.5	95.5
	31	94.3	98.0	99.3	94.7	—	95.8	97.7	97.7	97.7	97.7	97.7	89.1
Hourly Means	82.96	83.30	83.35	83.47	83.43	83.42	83.38	82.38	82.71	82.37	82.68	82.85	
TEMPERATURE OF THE VERTICAL FORCE MAGNET.													
MAY.	1	56.5	56.2	56.2	56.3	—	57.0	57.2	57.4	57.2	57.2	57.2	57.2
	2	57.8	57.6	57.4	57.0	—	56.2	56.1	55.8	55.3	55.0	55.0	54.6
	3	54.4	54.4	54.5	54.5	54.3	54.2	54.2	54.2	54.2	54.2	54.2	54.6
	4	58.8	58.4	58.2	58.0	—	57.4	57.2	56.8	56.2	55.9	55.5	55.3
	5	54.6	54.6	54.6	54.5	54.4	54.2	54.2	54.2	54.2	54.1	54.0	54.0
	6	54.2	54.3	54.4	—	—	—	—	—	—	—	—	—
	7	—	—	—	53.8	53.6	53.6	53.6	53.6	53.4	53.3	53.3	53.3
	8	54.2	54.0	53.8	53.6	53.3	53.2	53.0	52.9	52.8	52.5	52.5	52.7
	9	53.2	53.2	53.1	53.0	53.0	53.0	53.0	52.8	52.8	52.6	52.4	52.2
	10	52.8	52.8	52.7	52.6	52.3	52.2	52.0	52.0	—	51.7	51.5	51.2
	11	51.8	51.8	51.8	52.0	51.9	51.9	51.8	51.8	51.8	51.7	51.5	51.4
	12	52.0	52.0	52.0	51.9	51.8	51.7	51.6	51.3	51.0	50.8	50.6	50.4
	13	51.8	51.8	51.8	—	—	—	—	—	—	—	—	—
	14	—	—	—	50.4	50.3	50.2	50.2	50.2	50.0	50.1	50.0	50.0
	15	50.7	50.4	50.2	50.2	50.0	50.0	49.9	49.9	49.8	49.6	49.6	49.8
	16	53.1	53.1	53.2	53.2	53.0	52.8	52.6	52.4	52.2	52.2	52.1	52.1
	17	52.8	52.6	52.4	52.2	52.2	52.0	51.8	51.8	51.7	51.6	51.2	51.1
	18	52.5	52.3	52.3	52.1	52.1	51.9	51.8	51.8	51.8	51.6	51.6	51.6
	19	53.2	53.2	53.1	53.0	53.0	52.8	52.6	52.4	52.1	51.9	51.5	51.3
	20	52.0	51.8	51.8	—	—	—	—	—	—	—	—	—
	21	—	—	—	53.4	53.3	53.0	53.0	52.7	52.4	52.2	52.0	51.8
	22	54.6	54.9	55.0	55.1	55.2	55.2	55.4	55.4	55.3	55.3	55.2	55.2
	23	55.0	55.0	54.8	54.4	—	54.1	53.8	53.5	53.2	53.2	52.8	52.6
	24	53.9	53.9	53.9	53.8	53.8	53.6	63.8	53.8	53.6	53.6	53.6	53.4
	25	54.6	54.1	53.9	53.5	53.0	52.5	52.2	52.0	51.8	51.1	50.8	50.3
	26	51.7	51.4	51.2	50.8	50.3	50.2	50.0	49.6	49.2	48.7	48.2	48.0
	27	49.2	49.6	50.0	—	—	—	—	—	—	—	—	—
	28	—	—	—	52.0	52.2	52.2	52.3	52.5	52.4	52.5	52.8	52.8
	29	55.0	54.8	54.5	54.3	54.1	53.9	53.8	53.7	53.5	53.1	53.0	53.0
	30	51.2	51.0	51.0	51.0	50.7	50.5	50.2	50.1	50.0	49.8	49.7	49.7
	31	48.1	48.1	48.0	48.0	—	47.8	47.8	48.0	48.0	47.9	47.9	48.0
Hourly Means	53.32	53.23	53.18	53.13	52.63	52.86	52.79	52.69	52.53	52.35	52.21	52.13	

^a Omitted in the means.
^b An alteration in the readings occurs here for which no cause can be assigned; high readings continued till the 12th of June, when the needle returned to nearly the same position as previously to the 14th of May.

VERTICAL FORCE.												
One Scale Division = '000061 parts of the V. F. Change in the Magnetic Moment of the Bar for 1° Fah°. = '00021.												
12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div. 62'3	Sc. Div. 64'0	Sc. Div. 63'5	Sc. Div. 66'0	Sc. Div. 64'8	Sc. Div. 67'0	Sc. Div. 69'7	Sc. Div. 70'5	Sc. Div. 66'2	Sc. Div. 65'0	Sc. Div. 67'5	Sc. Div. 65'3	Sc. Div. 65'43
72'2	74'2	77'8	77'8	75'0	78'4	74'7	70'6	69'6	74'9	74'5	74'4	71'26
67'7	67'7	71'0	72'9	67'7	65'7	65'2	62'8	62'3	60'4	65'2	70'5	68'11
70'9	72'8	73'1	74'0	74'4	73'7	73'8	74'9	74'9	76'8	70'0	73'5	70'12
73'8	68'5	75'8	75'8	74'8	74'8	72'0	72'0	72'2	69'6	68'6	71'5	72'44
—	—	—	—	—	—	—	—	—	—	—	—	—
73'4	71'2	75'4	75'4	71'4	74'6	76'3	74'7	73'3	76'7	79'7	82'7	73'10
73'0	77'2	79'8	81'2	77'9	80'6	78'0	79'0	75'5	73'8	69'7	73'0	74'97
73'7	73'7	75'0	76'4	78'8	80'2	78'0	76'8	75'4	74'5	76'6	80'7	74'45
76'9	78'5	80'4	82'3	88'1	84'5	84'4	83'2	79'5	79'5	79'4	78'2	78'79
77'7	78'7	80'9	80'9	79'7	79'7	79'7	77'5	75'3	74'1	74'1	75'2	78'35
81'2	81'2	81'1	81'7	83'2	83'2	81'5	78'3	77'2	76'2	76'1	76'1	78'83
—	—	—	—	—	—	—	—	—	—	—	—	—
90'3	92'3	93'2	93'4	94'4	93'0	92'8	91'7	90'7	90'7	90'7	90'7	—
93'7	93'7	95'4	93'6	93'1	92'0	90'0	87'9	86'7	86'7	86'2	86'3	91'22
85'3	86'6	89'0	89'3	88'7	89'2	89'2	88'0	87'5	87'5	86'4	87'4	87'57
91'6	89'8	89'8	91'4	98'6	103'1	99'6	101'0	95'8	104'5	95'1	97'2	92'21
95'0	92'5	92'5	80'6	92'7	97'5	98'4	95'4	92'7	91'5	—	90'6	92'03
91'4	92'9	92'0	94'0	92'8	92'7	96'1	96'1	92'5	94'2	87'5	86'5	91'64
—	—	—	—	—	—	—	—	—	—	—	—	—
95'6	94'8	96'5	95'6	94'0	93'7	93'7	90'8	92'5	87'0	88'7	82'3	92'67
86'8	87'4	88'7	88'7	88'7	89'5	89'5	86'9	85'4	85'4	85'4	86'4	87'13
89'3	92'0	93'4	93'4	91'9	92'6	90'5	88'3	86'0	86'6	86'6	86'6	89'50
91'8	103'5	89'9	87'6	89'7	89'7	89'8	87'3	89'0	88'9	85'9	88'7	89'28
92'8	94'3	96'9	98'7	98'7	97'7	98'8	95'9	89'6	90'6	91'8	94'4	93'51
97'4	97'4	101'6	104'6	104'6	104'6	105'2	107'5	106'5	105'7	99'1	97'2	99'29
—	—	—	—	—	—	—	—	—	—	—	—	—
87'3	87'7	87'6	88'0	89'4	91'2	90'7	89'1	89'1	89'4	89'4	89'4	90'57
90'4	90'6	93'2	93'2	93'2	95'3	95'3	94'5	91'5	93'5	93'5	94'3	90'94
95'5	95'5	95'6	98'0	98'0	99'7	99'7	99'4	99'4	99'3	99'3	99'3	96'90
92'9	91'6	98'5	104'3	100'9	100'9	100'9	105'2	96'4	96'4	95'4	96'3	97'36
83'85	84'54	85'94	86'36	86'57	87'38	86'95	85'91	83'92	84'19	82'87	84'00	84'16
TEMPERATURE OF THE VERTICAL FORCE MAGNET.												
57'2	57'3	57'6	57'6	57'6	57'6	57'6	57'7	58'0	58'0	57'8	57'8	57'28
54'2	54'2	54'0	54'2	54'0	54'0	54'0	54'0	54'2	54'2	54'2	54'2	55'10
55'0	55'3	55'8	56'3	57'0	57'8	58'2	58'6	59'0	59'0	59'0	59'0	55'91
55'0	54'7	54'6	54'5	54'4	54'4	54'5	54'5	54'6	54'6	54'5	54'6	55'77
54'0	54'2	54'0	54'0	54'0	54'0	54'0	54'1	54'1	54'2	54'2	54'3	54'20
—	—	—	—	—	—	—	—	—	—	—	—	—
53'2	53'3	53'7	54'0	54'0	54'2	54'2	54'4	54'6	54'6	54'4	54'2	53'88
52'8	53'0	52'8	52'8	52'9	53'1	53'1	53'2	53'3	53'3	53'3	53'3	53'14
52'0	52'0	52'0	52'0	52'1	52'1	52'2	52'2	52'3	52'4	52'5	52'8	52'54
51'0	51'0	51'0	51'0	51'0	51'0	51'2	51'4	51'4	51'6	51'8	51'8	51'70
51'4	51'4	51'5	51'6	51'7	51'8	51'8	52'0	52'2	52'1	52'1	52'1	51'79
50'2	50'2	50'3	50'5	50'9	51'1	51'4	51'7	51'9	52'0	52'0	52'0	51'30
—	—	—	—	—	—	—	—	—	—	—	—	—
50'0	49'8	49'8	50'0	50'3	50'5	50'7	50'7	50'7	50'6	50'5	50'3	50'45
50'0	50'0	50'5	50'8	51'1	51'8	52'2	52'6	52'9	53'0	53'1	53'1	50'88
52'1	52'3	52'6	52'5	52'4	52'3	52'3	52'4	52'5	52'5	52'5	52'7	52'55
51'0	51'0	51'2	51'4	51'8	52'1	52'3	52'5	52'6	52'5	52'6	52'5	51'96
51'6	51'5	51'7	51'8	52'1	52'3	52'8	53'3	53'3	53'3	—	53'2	52'19
51'0	51'2	51'7	51'8	51'8	52'0	52'0	52'2	52'2	52'2	52'2	52'2	52'20
—	—	—	—	—	—	—	—	—	—	—	—	—
51'6	51'7	51'6	51'8	52'2	52'4	52'7	53'3	53'6	54'0	54'1	54'4	52'62
55'3	55'6	55'5	55'4	55'4	55'4	55'4	55'4	55'4	55'4	55'2	55'0	55'26
52'4	52'4	52'6	52'6	52'7	53'0	53'2	53'5	53'8	53'8	53'8	53'9	53'48
53'4	53'4	53'7	54'2	54'5	54'7	55'0	55'2	55'1	55'0	55'1	55'0	54'12
50'1	50'2	50'7	51'0	51'0	51'2	51'5	51'7	52'0	52'1	52'0	51'8	51'88
48'0	48'0	47'7	47'5	47'5	47'8	48'0	48'0	48'3	48'6	48'8	49'0	49'02
—	—	—	—	—	—	—	—	—	—	—	—	—
52'9	53'2	53'5	53'8	53'8	54'2	54'3	54'5	54'7	54'7	54'7	54'6	52'90
53'0	52'5	52'3	52'6	52'3	52'2	52'1	52'0	51'9	51'8	51'4	51'3	53'00
49'4	49'4	49'3	49'1	49'0	49'0	49'0	48'9	48'7	48'5	48'6	48'4	49'67
48'1	48'2	48'5	48'8	48'8	49'2	49'5	49'8	50'0	50'0	50'0	50'0	48'63
52'07	52'11	52'22	52'36	52'45	52'64	52'78	52'96	53'08	53'11	53'10	53'10	52'72

VERTICAL FORCE.													
One Scale Division = '000062 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah. = '00021.													
Mean Göttingen Time.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
JUNE.	1	96.3	97.3	97.8	98.2	96.0	97.5	97.8	97.8	97.8	97.5	96.2	94.8
	2	94.7	94.7	94.8	94.8	95.6	96.3	96.4	97.3	97.3	98.1	98.1	97.5
	3	98.0	97.8	99.0	—	—	—	—	—	—	—	—	—
	4	—	—	—	98.4	100.9	100.7	100.7	101.9	101.4	100.8	97.8	98.5
	5	92.4	94.6	95.6	96.6	97.2	96.6	96.6	95.6	96.5	96.5	95.6	93.8
	6	92.0	93.0	92.5	93.4	94.2	95.0	95.0	95.0	—	95.0	95.0	95.0
	7	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	96.7	96.0	95.0	94.4
	8	94.6	95.7	97.1	98.0	99.0	98.3	99.2	98.0	98.0	98.0	98.0	95.9
	9	100.3	99.8	100.7	101.9	101.9	101.9	101.9	101.9	—	101.9	100.5	100.6
	10	101.2	101.2	101.8	—	—	—	—	—	—	—	—	—
	11	—	—	—	100.1	100.1	99.8	99.9	100.1	100.1	100.1	98.3	98.3
	12	78.7	76.9	77.7	78.3	—	80.6	80.6	81.5	81.5	80.2	79.2	80.4
	13	79.2	78.9	79.5	79.5	80.2	81.5	81.5	81.5	80.4	79.4	78.8	79.0
	14	79.0	79.0	79.0	79.0	78.3	77.8	80.0	80.5	78.4	78.4	85.8	78.0
	15	80.4	79.9	83.0	78.8	80.6	81.0	81.3	81.3	81.3	81.3	81.3	79.6
	16	77.5	77.5	75.9	78.4	77.2	79.1	77.8	77.8	79.9	78.4	78.2	76.2
	17	75.4	77.1	76.2	—	—	—	—	—	—	—	—	—
	18	—	—	—	—	74.6	74.6	74.6	74.2	72.7	72.0	72.0	72.0
	19	70.7	71.5	72.5	73.7	—	71.4	73.5	73.5	—	73.7	69.9	69.5
	20	72.9	76.1	76.1	75.3	75.4	75.0	75.8	74.0	75.5	76.9	74.9	78.0
	21	75.5	77.0	75.0	79.0	79.2	78.5	78.0	76.0	75.0	75.0	76.8	74.6
	22	77.0	76.7	76.4	79.0	76.4	77.2	72.0	82.2	77.6	78.4	77.7	77.7
	23	80.2	80.2	81.3	81.3	82.0	82.7	80.2	80.6	81.5	81.5	79.6	80.5
	24	79.0	80.5	78.7	—	—	—	—	—	—	—	—	—
	25	—	—	—	78.8	78.8	79.0	79.8	79.8	—	76.0	77.4	76.5
	26	75.6	75.6	75.5	76.6	77.0	77.3	77.3	77.3	78.2	77.5	76.6	75.7
	27	76.4	76.4	75.5	74.8	75.9	76.7	76.7	76.2	76.2	75.3	75.3	75.3
	28	71.8	71.8	71.8	72.5	74.0	74.1	74.1	73.7	73.4	74.1	74.4	74.6
	29	74.1	74.1	75.0	75.0	75.1	74.8	74.1	72.8	73.6	74.2	73.0	73.0
	30	70.0	70.8	71.0	71.5	—	74.2	73.9	72.5	72.5	72.5	70.7	71.5
Hourly Means	83.07	83.52	83.73	84.41	85.52	84.58	84.47	84.63	83.89	84.18	83.69	83.11	

TEMPERATURE OF THE VERTICAL FORCE MAGNET.													
JUNE.	1	50.2	50.2	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	
	2	51.3	51.0	50.8	50.8	50.3	50.0	49.9	49.5	49.2	48.8	48.6	
	3	49.4	49.1	49.0	—	—	—	—	—	—	—	—	
	4	—	—	—	47.3	47.3	47.3	47.2	47.2	47.2	47.2	47.2	47.3
	5	51.2	51.2	51.3	51.2	51.3	51.1	51.0	51.0	50.8	50.8	50.6	50.6
	6	52.7	52.5	52.2	51.9	51.6	51.2	50.8	50.5	—	49.8	49.3	48.9
	7	49.0	49.0	49.2	49.2	49.1	49.1	49.1	49.2	49.2	49.3	49.3	49.7
	8	50.1	49.9	49.8	49.4	49.1	49.0	48.8	48.7	48.4	48.2	48.2	48.0
	9	47.2	47.0	47.0	47.0	46.8	46.6	46.6	46.6	—	46.2	46.2	46.2
	10	47.4	47.4	47.4	—	—	—	—	—	—	—	—	—
	11	—	—	—	49.0	48.9	48.8	48.6	48.7	48.4	48.2	48.0	47.6
	12	49.0	48.7	48.4	48.1	—	47.8	47.6	47.6	47.5	47.4	47.2	47.1
	13	47.6	47.6	47.6	47.6	47.4	47.3	47.2	47.1	47.0	46.9	46.8	46.8
	14	47.0	47.0	47.0	47.0	47.0	47.1	47.0	47.0	47.0	47.0	47.0	46.8
	15	47.0	47.0	46.9	46.8	46.6	46.4	46.2	46.2	46.2	46.0	46.0	45.9
	16	49.0	49.0	48.8	48.8	48.8	48.8	48.8	48.7	48.6	48.5	48.5	48.5
	17	49.8	49.8	50.0	—	—	—	—	—	—	—	—	—
	18	—	—	—	—	50.8	50.8	50.8	50.8	50.9	50.9	51.1	51.2
	19	52.3	52.1	52.0	51.7	—	51.1	50.9	50.8	—	50.2	49.8	50.0
	20	50.5	50.5	50.2	50.0	50.0	50.0	49.7	49.5	49.2	49.0	48.8	48.4
	21	50.0	50.0	49.8	49.7	49.5	49.5	49.3	49.2	49.0	48.9	48.8	48.6
	22	49.1	49.0	48.8	48.9	48.8	48.6	48.6	48.2	48.1	48.2	48.2	48.0
	23	47.1	47.0	47.0	46.9	47.0	46.8	46.9	47.0	47.0	46.8	46.8	46.8
	24	47.3	47.5	47.7	—	—	—	—	—	—	—	—	—
	25	—	—	—	48.4	48.4	48.3	48.2	48.2	—	47.9	47.8	47.7
	26	50.2	49.9	49.9	49.7	49.6	49.3	49.1	49.0	48.8	48.5	48.2	48.3
	27	49.2	49.5	49.4	49.4	49.4	49.4	49.4	49.6	49.4	49.4	49.4	49.3
	28	52.0	51.7	51.4	51.2	51.0	51.0	50.8	50.7	50.3	50.0	49.8	49.6
	29	49.6	49.7	49.7	49.8	49.9	50.0	50.0	50.1	50.2	50.2	50.4	50.4
	30	52.8	52.7	52.4	52.2	—	51.7	51.6	51.6	51.4	51.3	51.2	51.1
Hourly Means	49.54	49.46	49.37	49.28	49.07	49.12	49.00	48.95	48.81	48.68	48.58	48.51	

VERTICAL FORCE.

One Scale Division = .000062 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah°. = .00021.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div. 94.8	Sc. Div. 92.8	Sc. Div. 94.5	Sc. Div. 96.3	Sc. Div. 97.8	Sc. Div. 98.1	Sc. Div. 98.1	Sc. Div. 95.1	Sc. Div. 94.3	Sc. Div. 94.3	Sc. Div. 94.3	Sc. Div. 94.3	Sc. Div. 96.24
97.7	97.7	97.2	101.0	100.8	99.9	99.2	97.9	96.0	94.8	95.8	96.5	97.09
—	—	—	—	—	—	—	—	—	—	—	—	97.70
98.5	97.5	99.7	99.7	98.4	96.9	94.6	94.9	93.0	92.3	92.5	91.0	93.83
93.0	93.0	92.4	92.4	93.9	98.0	96.2	88.0	90.0	89.2	88.5	89.7	95.47
94.6	95.4	95.6	97.6	98.2	98.2	99.8	96.7	95.4	96.3	96.0	97.0	96.19
94.4	94.7	95.8	96.7	97.9	98.4	97.6	96.0	94.6	93.6	93.9	94.1	98.36
95.9	95.9	96.2	96.2	101.0	101.9	102.0	101.3	99.7	99.5	100.8	100.5	102.28
100.8	101.0	100.5	101.9	105.3	107.0	105.8	105.8	103.5	102.5	102.5	102.5	100.59
—	—	—	—	—	—	—	—	—	—	—	—	100.59
98.3	99.5	100.0	100.6	102.9	103.0	101.8	102.3	100.0	100.0	101.6	103.2	79.88
80.0	79.5	79.2	78.1	79.9	81.5	81.5	81.5	79.5	79.5	80.0	81.4	80.37
79.4	79.4	78.8	79.4	81.8	83.6	84.7	84.7	80.9	78.9	78.9	78.9	79.67
76.2	73.8	76.1	80.8	83.0	82.0	82.5	83.8	80.0	79.9	80.0	80.9	80.37
80.8	81.7	82.5	81.6	81.6	83.3	81.5	76.8	76.8	76.8	76.8	78.9	77.47
76.2	77.0	78.0	79.0	79.0	79.0	78.0	78.0	75.3	75.3	75.3	75.3	72.32
—	—	—	—	—	—	—	—	—	—	—	—	72.32
72.2	72.7	70.9	71.9	71.0	69.6	69.6	70.3	70.3	69.7	69.6	70.1	73.96
73.1	74.8	76.3	77.4	78.6	75.2	76.8	75.7	75.7	75.4	76.0	72.3	76.13
78.0	78.6	80.9	79.8	77.5	77.0	76.0	74.7	73.6	74.7	75.2	75.2	79.02
76.6	77.5	81.9	82.0	83.2	80.8	79.4	77.2	80.8	84.2	86.3	86.9	79.58
79.6	81.0	81.5	81.5	81.7	86.0	85.6	85.0	80.3	79.5	81.0	79.0	81.16
79.5	78.6	79.7	80.4	83.8	84.9	83.8	82.5	82.6	81.2	80.3	79.0	77.64
—	—	—	—	—	—	—	—	—	—	—	—	77.64
78.8	75.9	75.9	79.4	80.4	79.3	75.5	75.5	75.2	75.2	75.2	75.2	77.66
78.2	81.0	81.0	81.0	82.1	82.3	79.8	76.8	75.9	75.2	74.6	75.7	74.59
75.6	75.0	74.2	74.5	75.5	75.0	74.5	72.1	70.4	70.4	70.9	71.4	75.30
74.6	76.8	79.5	81.7	79.5	80.5	79.0	79.0	75.5	74.0	72.7	74.1	74.04
73.0	73.0	74.8	76.7	76.8	76.8	74.5	72.6	74.3	—	70.7	71.0	72.44
71.7	72.0	72.4	73.6	74.7	72.9	72.9	71.6	69.4	71.4	73.2	79.3	—
83.52	83.69	84.44	85.43	86.39	86.58	85.79	84.45	83.19	83.35	83.18	83.59	84.26

TEMPERATURE OF THE VERTICAL FORCE MAGNET.

50.0	50.0	50.2	50.4	50.6	50.9	51.2	51.4	51.6	51.7	51.4	51.4	50.47
48.4	48.0	48.4	48.8	49.0	49.2	49.6	49.8	49.9	49.9	49.8	49.6	49.54
—	—	—	—	—	—	—	—	—	—	—	—	48.73
47.5	48.0	48.6	49.0	49.1	49.9	50.1	50.6	50.8	51.0	51.1	51.1	51.60
50.5	50.8	51.2	51.5	52.0	52.5	52.8	53.0	53.1	53.1	53.0	52.9	49.73
48.6	48.4	48.2	48.2	48.2	48.4	48.5	48.6	48.6	48.8	48.8	49.0	49.67
49.8	49.8	49.8	50.0	50.1	50.2	50.3	50.4	50.4	50.4	50.3	50.2	48.35
47.8	47.8	47.8	47.7	47.9	47.9	47.9	47.9	47.7	47.6	47.5	47.3	46.75
46.2	46.2	46.7	46.7	46.8	46.8	46.8	47.0	47.0	47.2	47.2	47.2	47.89
—	—	—	—	—	—	—	—	—	—	—	—	47.54
47.4	47.2	47.1	47.1	47.1	47.6	47.8	47.8	47.8	48.0	48.0	48.0	46.97
46.8	46.8	46.8	47.0	47.2	47.2	47.4	47.4	47.6	47.6	47.6	47.6	46.98
46.6	46.6	46.6	46.6	46.5	46.6	46.5	46.6	46.8	46.9	47.0	47.0	46.84
46.6	46.8	46.8	46.8	46.9	47.0	47.1	47.1	47.1	47.1	47.1	47.1	48.85
45.8	46.0	46.1	46.2	46.5	46.8	47.2	47.8	48.4	48.6	48.8	48.8	51.43
48.4	48.2	48.2	48.4	48.3	48.7	49.1	49.3	49.6	49.7	49.8	49.8	50.52
—	—	—	—	—	—	—	—	—	—	—	—	49.39
51.2	51.2	51.5	52.0	52.4	52.4	52.6	52.6	52.6	52.6	52.5	52.5	49.11
50.0	49.8	49.8	49.8	49.8	49.8	50.0	50.2	50.2	50.3	50.3	50.5	47.96
48.2	48.2	48.2	48.5	48.8	49.1	49.4	49.7	49.8	49.8	49.8	50.0	47.09
48.4	48.5	48.4	48.3	48.6	48.7	49.0	49.2	49.3	49.4	49.4	49.2	48.51
48.0	47.6	47.4	47.4	47.2	47.2	47.1	47.3	47.5	47.3	47.3	47.2	48.88
46.7	46.9	46.9	46.9	47.0	47.2	47.4	47.6	47.6	47.6	47.6	47.6	50.14
—	—	—	—	—	—	—	—	—	—	—	—	49.95
47.7	47.8	48.0	48.7	49.0	49.1	49.4	49.7	49.7	49.7	49.8	49.8	50.90
48.2	48.0	48.0	47.9	48.1	48.3	48.7	48.9	49.0	49.1	49.1	49.2	50.17
49.2	49.5	50.0	50.2	50.8	51.0	51.2	51.5	51.7	51.8	51.8	51.8	—
49.2	49.0	49.0	48.8	48.9	48.9	49.0	49.2	49.2	49.3	49.4	49.5	—
50.4	50.6	50.9	51.2	51.7	52.0	52.3	52.8	53.0	—	53.0	52.9	—
51.0	51.1	51.3	51.5	51.8	52.0	52.2	52.2	52.2	52.0	52.0	51.6	—
48.41	48.42	48.53	48.67	48.86	49.05	49.25	49.45	49.54	49.46	49.60	49.57	49.00

VERTICAL FORCE.												
One Scale Division = '000063 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah' = '00021.												
Mean Göttingen Time.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.
JULY.	1	82'6	79'1	77'0	—	—	—	—	—	—	—	—
	2	—	—	—	77'1	76'5	76'8	76'1	75'9	75'0	74'5	72'5
	3	73'5	74'6	69'8	74'3	76'6	77'4	77'4	77'4	77'0	78'4	80'0
	4	78'5	79'6	79'6	79'6	81'1	83'0	83'0	80'4	79'9	80'0	80'0
	5	82'0	83'1	74'4	75'6	77'7	83'2	85'3	81'0	80'9	78'0	77'7
	6	81'7	82'0	81'7	82'0	82'0	82'2	82'2	80'8	80'8	80'8	80'8
	7	79'3	79'3	79'0	78'5	80'7	80'7	81'3	80'5	80'8	81'3	80'8
	8	78'7	79'8	79'8	—	—	—	—	—	—	—	—
	9	—	—	—	80'6	80'1	80'6	80'6	80'0	—	79'7	79'7
	10	79'3	82'0	81'2	81'2	82'8	82'8	81'2	82'7	82'3	81'4	81'4
	11	90'4	92'4	82'3	89'0	90'4	86'1	76'0	66'0	66'0	64'7	74'4
	12	86'2	89'4	88'5	88'6	91'2	88'0	85'4	85'4	87'1	89'5	89'5
	13	87'3	87'7	88'6	89'4	91'0	91'0	89'3	89'1	—	87'5	86'9
	14	85'2	88'7	87'5	86'0	83'5	81'0	87'0	75'8	80'2	86'2	86'2
	15	79'3	79'3	79'3	—	—	—	—	—	—	—	—
	16	—	—	—	83'6	80'2	81'6	84'6	83'4	84'3	83'5	82'1
	17	84'4	84'0	84'0	82'6	82'6	82'3	82'6	82'3	—	81'6	78'7
	18	80'0	80'5	81'3	80'3	80'8	81'0	81'3	81'8	—	82'2	81'8
	19	82'0	82'0	82'0	83'2	83'2	83'0	82'5	81'9	81'8	86'7	82'3
	20	78'3	81'3	83'7	83'8	83'2	84'0	84'0	88'3	81'5	81'5	81'9
	21	79'2	79'0	80'7	79'1	81'8	81'2	80'7	80'7	80'7	78'3	78'2
	22	79'7	79'7	80'5	—	—	—	—	—	—	—	—
	23	—	—	—	—	85'4	84'5	84'6	85'9	85'0	83'2	85'0
	24	91'2	90'3	80'6	84'6	84'6	84'6	83'0	84'2	81'7	80'3	79'0
	25	76'2	81'3	80'2	81'3	81'3	81'3	82'8	82'8	81'8	82'0	80'8
	26	84'0	85'6	84'1	86'1	85'4	85'4	85'4	85'4	84'6	84'6	83'8
	27	83'0	82'6	82'9	83'8	—	83'8	83'8	83'8	84'0	82'6	82'6
	28	80'7	80'9	80'9	81'9	81'9	81'9	82'7	82'7	83'1	82'8	82'1
	29	79'7	77'5	79'5	—	—	—	—	—	—	—	—
	30	—	—	—	85'0	85'0	85'6	85'6	83'7	83'7	85'0	85'0
	31	79'2	80'0	80'6	80'6	81'8	81'8	81'8	81'5	81'8	81'2	80'3
Hourly Means	81'60	82'37	81'14	82'31	83'03	82'88	82'70	81'67	81'09	81'44	81'29	
TEMPERATURE OF THE VERTICAL FORCE MAGNET.												
JULY.	1	51'2	50'8	50'7	—	—	—	—	—	—	—	—
	2	—	—	—	48'7	49'1	49'2	49'6	49'7	49'8	50'0	50'0
	3	50'7	50'6	50'2	50'0	49'8	49'6	49'4	49'0	48'7	48'5	48'2
	4	48'6	48'6	48'6	48'6	48'4	48'4	48'3	48'2	48'1	48'2	48'1
	5	47'8	47'5	47'3	47'2	47'0	46'8	47'0	47'0	47'1	47'1	47'0
	6	46'9	46'9	46'8	46'8	46'8	46'8	46'8	46'8	46'8	46'8	46'8
	7	47'8	47'8	47'8	47'8	47'8	47'8	47'8	47'8	47'6	47'6	47'4
	8	48'2	48'2	48'2	—	—	—	—	—	—	—	—
	9	—	—	—	48'0	48'0	48'0	47'8	47'8	—	47'8	47'8
	10	48'4	48'2	48'0	47'6	47'4	47'2	46'9	46'7	46'5	46'2	46'0
	11	46'8	46'8	46'6	46'5	46'6	46'6	46'5	46'4	46'2	46'2	46'0
	12	46'4	46'0	45'7	45'3	45'0	44'6	44'2	44'2	43'7	43'4	42'9
	13	43'6	43'5	43'4	43'2	43'0	43'0	42'9	42'9	—	42'9	43'0
	14	46'3	46'3	46'0	45'8	46'0	45'7	45'6	45'3	45'2	45'0	45'0
	15	47'9	47'9	48'0	—	—	—	—	—	—	—	—
	16	—	—	—	47'0	46'8	46'6	46'3	46'1	45'9	45'8	45'5
	17	45'9	46'0	46'0	46'0	46'1	46'1	46'2	46'2	—	46'2	46'3
	18	47'1	46'9	46'8	46'7	46'4	46'2	46'0	45'8	—	45'3	45'0
	19	45'6	45'4	45'4	45'2	44'8	44'5	44'2	44'0	43'8	43'6	43'2
	20	46'2	46'0	45'7	45'6	45'6	45'4	45'2	45'0	44'7	44'3	44'3
	21	46'5	46'6	46'6	46'7	46'6	46'6	46'6	46'6	46'4	46'2	46'2
	22	47'2	46'8	46'6	—	—	—	—	—	—	—	—
	23	—	—	—	—	44'0	43'8	43'6	43'2	43'0	42'8	42'8
	24	45'7	45'7	45'9	46'0	46'0	46'0	46'2	46'2	46'2	46'5	46'6
	25	48'6	48'6	48'4	48'0	47'8	47'4	47'2	46'9	46'6	46'5	46'2
	26	45'7	45'4	45'2	45'0	45'0	45'0	45'0	45'0	45'0	45'0	45'0
	27	45'7	45'7	45'7	45'5	—	45'4	45'2	45'2	45'1	45'0	45'0
	28	45'8	45'8	45'7	45'7	45'6	45'4	45'2	45'2	45'0	45'2	45'0
	29	47'2	47'2	47'3	—	—	—	—	—	—	—	—
	30	—	—	—	45'2	44'8	44'6	44'4	44'4	44'1	43'8	43'4
	31	46'4	46'4	46'2	46'0	46'0	45'8	45'8	45'7	45'2	45'0	45'0
Hourly Means	47'08	46'98	46'88	46'56	46'42	46'33	46'15	46'05	45'94	45'80	45'68	

VERTICAL FORCE.

One Scale Division = '000063 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah' = '00021.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
72·9	73·4	75·8	76·8	77·6	77·7	76·5	74·9	74·1	72·8	72·6	73·5	75·61
79·4	90·1	81·3	81·5	84·6	85·0	79·6	80·0	82·0	79·5	77·5	76·8	78·73
79·8	78·3	79·9	83·3	72·6	81·2	76·5	76·5	77·4	82·5	91·6	78·7	80·11
80·8	80·8	83·4	83·4	84·7	84·5	83·2	81·7	80·3	80·0	80·0	80·5	80·97
84·0	82·9	84·2	84·6	85·5	83·4	81·5	80·6	78·9	75·0	77·8	78·8	81·46
77·9	79·8	80·4	83·4	85·3	84·5	84·5	82·3	82·3	80·7	79·5	78·7	80·90
79·6	77·0	77·3	79·9	82·0	82·3	83·0	81·8	81·5	80·0	80·0	81·8	80·24
80·5	80·5	79·7	83·2	80·0	81·5	80·5	89·1	88·4	103·3	110·5	104·0	85·03
84·3	95·9	90·5	92·1	100·0	95·4	95·7	96·1	95·6	90·5	96·0	91·9	86·92
87·5	88·4	89·4	91·4	91·6	91·6	91·6	90·0	89·2	88·2	87·3	87·3	88·75
83·5	87·2	87·9	88·5	89·0	87·0	83·7	80·5	85·5	82·5	84·8	84·8	86·86
85·4	85·4	86·1	86·5	84·3	84·7	84·7	82·5	81·3	80·8	79·7	79·3	84·05
82·3	83·0	84·5	85·7	86·7	86·7	86·7	85·0	83·8	83·8	82·5	82·5	83·20
80·5	79·4	82·4	85·0	84·8	83·2	80·5	79·2	78·3	77·7	77·9	79·4	81·47
80·8	83·8	86·3	82·3	82·3	82·3	85·2	82·0	79·3	81·2	81·2	81·5	81·71
83·9	85·3	87·3	90·3	90·6	87·9	87·7	82·0	79·0	77·6	77·6	78·3	83·38
82·4	84·0	86·5	86·5	83·2	86·1	86·1	82·5	79·8	78·6	78·2	78·8	82·74
77·5	79·2	82·0	85·2	84·5	85·3	82·7	79·3	74·2	74·2	74·2	74·2	79·60
80·8	82·4	89·7	94·7	98·3	96·3	98·8	91·4	81·8	85·0	89·1	84·5	86·41
80·1	81·0	84·1	82·1	83·5	82·9	84·4	79·9	79·2	81·8	79·0	81·3	82·74
81·4	81·2	84·9	85·3	88·7	87·8	88·0	85·8	84·9	82·1	80·6	84·0	82·87
81·9	83·5	81·7	85·0	88·0	86·1	85·0	84·3	83·1	83·5	82·9	84·2	84·38
82·0	80·5	83·8	86·4	87·0	87·0	85·3	81·2	80·5	80·1	80·0	80·7	83·04
82·7	82·7	83·3	85·3	85·3	81·9	80·6	80·6	78·2	79·2	78·4	78·4	81·62
84·3	83·5	82·0	82·3	83·2	82·0	82·0	81·8	81·8	80·3	78·7	78·7	82·47
79·9	81·0	78·8	78·4	78·4	81·5	82·2	78·5	76·5	75·2	75·2	73·7	79·51
81·39	82·70	83·58	84·97	85·45	85·22	84·47	82·67	81·42	81·40	82·03	81·39	82·48

TEMPERATURE OF THE VERTICAL FORCE MAGNET.

50·0	50·2	50·4	50·7	50·7	50·7	51·0	51·0	51·0	51·0	51·0	50·9	50·31
48·0	48·0	48·1	48·2	48·4	48·0	48·4	48·4	48·4	48·4	48·4	48·6	48·84
48·0	48·2	48·2	48·2	48·2	48·2	48·2	48·2	48·0	48·0	47·8	47·8	48·22
46·8	46·9	46·9	46·9	46·8	46·8	46·8	46·8	46·8	46·8	46·9	46·9	47·00
46·8	46·9	47·0	47·1	47·2	47·3	47·4	47·7	47·8	47·8	47·8	47·8	47·10
47·2	47·2	47·3	47·4	47·8	47·8	47·9	48·0	48·1	48·2	48·2	48·2	47·74
47·7	47·7	47·8	47·8	48·0	48·0	48·0	48·2	48·2	48·2	48·2	48·2	47·98
46·0	46·0	45·6	45·6	45·7	45·8	45·8	45·9	46·0	46·1	46·5	46·9	46·54
45·6	45·6	45·6	45·8	46·0	46·1	46·3	46·6	46·6	46·7	46·4	46·4	46·28
42·2	42·4	42·4	42·6	42·8	43·0	43·2	43·4	43·5	43·6	43·6	43·6	43·76
43·8	43·6	43·8	44·2	44·3	44·9	45·3	45·8	46·2	46·2	46·3	46·3	44·15
44·6	44·5	44·7	44·7	45·1	45·6	46·0	46·6	47·0	47·0	47·6	47·7	45·76
45·2	45·0	45·0	45·0	45·1	45·2	45·2	45·3	45·5	45·6	45·7	45·8	45·94
46·8	47·0	47·0	47·1	47·2	47·4	47·5	47·7	47·7	47·6	47·5	47·3	46·76
44·7	44·8	44·7	44·9	45·0	45·2	45·4	45·4	45·4	45·3	45·5	45·5	45·60
43·1	43·2	43·5	43·6	43·8	44·2	44·7	45·2	45·7	45·8	46·0	46·2	44·49
44·2	44·0	44·0	44·1	44·7	44·8	45·2	45·7	46·0	46·2	46·5	46·3	45·17
46·1	46·2	46·1	46·2	46·3	46·3	46·6	47·0	47·2	47·2	47·2	47·2	46·56
42·2	42·2	42·3	42·3	42·6	43·0	43·3	43·8	44·3	44·6	44·9	45·1	43·78
47·1	47·2	47·7	48·0	48·0	48·2	48·4	48·6	48·6	48·8	48·8	48·8	47·17
45·8	45·6	45·6	45·6	45·6	45·7	45·7	45·7	45·7	45·7	45·5	45·7	46·50
44·8	44·7	44·8	44·9	45·0	45·5	45·5	45·6	45·7	45·6	45·6	45·7	45·18
44·5	44·3	44·3	44·4	44·7	45·0	45·2	45·3	45·4	45·7	45·7	45·8	45·16
44·7	45·0	45·3	45·6	45·9	46·4	46·5	46·8	47·1	47·2	47·2	47·2	45·81
43·0	43·2	43·8	44·2	44·6	44·8	45·0	45·4	45·8	46·0	46·2	46·2	44·90
45·2	45·2	45·6	46·0	46·3	46·9	47·3	47·8	48·0	48·1	48·3	48·3	46·32
45·54	45·57	45·67	45·81	45·99	46·18	46·38	46·61	46·76	46·83	46·90	46·94	46·27

VERTICAL FORCE.												
One Scale Division = '000065 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '00021.												
Mean Göttingen Time.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.
AUGUST.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
	1	75.0	75.0	74.5	74.5	—	78.0	78.0	77.5	77.5	77.5	77.5
	2	76.0	76.7	77.5	79.0	79.2	79.2	79.2	78.6	78.6	78.5	78.5
	3	76.7	77.4	79.3	81.8	—	81.8	81.8	80.4	81.2	80.7	79.6
	4	80.9	81.8	81.8	83.4	85.2	81.8	84.1	82.3	81.0	80.8	79.5
	5	82.8	83.0	82.7	—	—	—	—	—	—	—	—
	6	—	—	—	77.0	77.0	78.7	78.7	76.9	78.4	77.7	75.6
	7	76.5	76.5	78.2	77.9	76.7	77.8	78.6	78.8	78.8	79.2	79.7
	8	79.6	76.1	76.7	76.6	74.4	72.6	70.8	72.2	75.8	77.9	78.9
	9	73.3	76.5	79.0	78.6	79.4	79.4	79.1	78.0	78.5	78.0	76.3
	10	74.0	74.0	75.7	76.5	76.0	77.4	77.3	76.7	—	76.0	74.5
	11	75.3	77.4	79.4	75.9	72.7	74.4	78.0	80.6	77.1	78.4	77.3
	12	73.1	77.2	75.1	—	—	—	—	—	—	—	—
	13	—	—	—	75.6	77.3	77.2	78.2	79.6	79.0	78.2	78.2
	14	74.5	74.7	75.3	75.2	75.2	76.0	76.0	76.5	75.7	75.7	76.5
	15	80.8	81.8	78.2	79.0	79.0	79.0	79.0	79.0	78.8	78.4	77.3
	16	77.0	78.7	76.0	78.8	81.2	81.2	81.2	79.9	78.0	77.3	77.3
	17	80.7	80.0	82.2	82.0	81.0	81.0	81.0	81.0	81.0	82.8	77.5
	18	79.8	79.8	81.0	77.5	79.5	81.3	82.0	82.0	81.8	82.4	79.0
	19	76.7	77.3	77.1	—	—	—	—	—	—	—	—
	20	—	—	—	77.3	79.8	80.5	80.5	80.5	78.2	78.2	79.5
	21	73.7	76.0	76.0	77.0	75.6	74.8	71.7	71.7	—	71.4	72.6
	22	74.1	78.4	75.8	77.5	78.5	77.4	78.3	77.9	—	78.4	78.4
	23	74.0	69.0	72.5	76.4	74.8	75.0	75.0	78.1	78.1	75.6	77.0
	24	79.7	78.0	79.6	80.4	80.4	80.4	82.0	82.0	81.3	80.6	80.7
	25	77.1	78.2	78.7	78.9	79.8	81.4	81.8	81.6	80.9	80.9	78.4
	26	80.8	79.2	80.1	—	—	—	—	—	—	—	—
	27	—	—	—	77.8	77.8	79.0	79.0	79.0	—	78.8	77.5
	28	75.6	78.5	74.7	78.1	65.6	77.7	77.7	77.6	78.4	77.5	76.0
	29	75.5	77.3	77.3	78.2	77.9	77.2	76.5	77.9	—	77.9	79.1
	30	74.4	75.3	76.4	78.6	78.6	78.8	77.3	76.1	78.8	79.2	76.7
31	75.0	75.0	75.9	76.0	—	75.8	76.3	74.0	74.5	76.6	77.8	
Hourly Means	76.76	77.36	77.65	77.98	77.61	78.33	78.48	78.39	78.70	78.32	77.66	
TEMPERATURE OF THE VERTICAL FORCE MAGNET.												
AUGUST.	1	48.6	48.5	48.3	48.2	—	48.0	47.8	47.6	47.4	47.2	47.2
	2	48.4	48.4	48.2	48.0	47.8	47.8	47.7	47.8	47.5	47.3	47.0
	3	47.8	47.6	47.4	47.0	—	46.5	46.2	46.1	46.0	46.0	45.8
	4	45.6	45.4	45.2	45.2	45.0	44.8	44.7	44.6	44.4	44.4	44.2
	5	45.2	45.0	45.2	—	—	—	—	—	—	—	—
	6	—	—	—	47.7	47.7	47.6	47.5	47.3	47.0	46.8	46.6
	7	48.3	48.1	47.9	47.8	47.4	47.2	47.0	46.8	46.5	46.2	46.0
	8	48.8	48.7	48.6	48.6	48.4	48.4	48.2	48.2	48.0	47.9	47.8
	9	49.9	49.8	49.8	49.8	49.4	49.4	49.4	49.2	49.0	48.9	48.8
	10	50.1	50.2	50.2	50.2	50.0	50.0	50.1	50.1	—	50.0	49.8
	11	49.8	49.7	49.6	49.2	49.0	48.8	48.6	48.4	48.2	48.0	47.8
	12	50.8	51.0	50.8	—	—	—	—	—	—	—	—
	13	—	—	—	49.5	49.2	49.0	48.8	48.5	47.8	47.4	47.2
	14	50.3	50.2	50.1	50.1	50.0	49.8	49.6	49.4	49.2	49.0	48.8
	15	49.0	48.8	48.8	48.6	48.3	48.1	48.0	47.9	47.7	47.5	47.2
	16	48.8	48.4	48.2	48.0	47.5	47.5	47.3	47.4	47.2	47.2	47.0
	17	46.3	46.3	46.2	46.2	46.0	46.0	46.0	45.8	45.7	45.7	45.6
	18	46.8	46.6	46.5	46.4	46.2	45.9	45.8	45.7	45.3	45.1	45.1
	19	48.2	48.2	48.0	—	—	—	—	—	—	—	—
	20	—	—	—	47.6	47.4	47.2	47.0	46.6	46.3	46.0	45.8
	21	49.6	49.8	49.6	49.6	49.2	48.8	48.6	48.6	—	48.2	48.3
	22	49.8	49.8	49.7	49.5	49.1	49.0	48.8	48.6	—	48.0	47.6
	23	50.9	50.7	50.6	50.5	50.2	50.0	49.8	49.5	49.3	49.1	49.0
	24	48.0	47.8	47.4	47.0	46.7	46.5	46.2	46.1	46.0	46.0	46.0
	25	47.2	47.1	47.1	47.0	46.9	46.8	46.6	46.5	46.4	46.0	46.0
	26	47.0	47.0	47.0	—	—	—	—	—	—	—	—
	27	—	—	—	47.6	47.5	47.5	47.4	47.3	—	47.2	47.2
	28	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	48.8	48.8	48.7
	29	49.3	49.3	49.1	49.0	48.7	48.7	48.5	48.5	—	47.9	47.8
	30	50.0	50.0	50.0	49.7	49.4	49.1	48.9	48.7	48.5	48.2	47.7
	31	49.7	49.8	49.7	49.8	—	49.6	49.6	49.6	49.7	49.5	49.5
Hourly Means	48.64	48.56	48.45	48.40	48.17	48.04	47.90	47.77	47.36	47.39	47.24	

VERTICAL FORCE.

One Scale Division = '000065 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '00021.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div. 73.6	Sc. Div. 75.8	Sc. Div. 78.3	Sc. Div. 80.0	Sc. Div. 79.8	Sc. Div. 79.3	Sc. Div. 77.1	Sc. Div. 78.0	Sc. Div. 80.2	Sc. Div. 77.8	Sc. Div. 78.2	Sc. Div. 76.1	Sc. Div. 77.17
76.4	76.5	78.2	81.5	83.0	84.4	84.4	79.9	76.5	75.7	74.3	75.6	78.58
79.5	75.8	78.3	81.6	83.8	85.2	86.0	83.5	81.1	79.9	81.7	80.9	80.76
80.3	79.5	81.2	82.1	84.9	84.9	85.8	83.6	82.2	80.8	80.8	81.0	82.00
—	—	—	—	—	—	—	—	—	—	—	—	—
75.5	75.7	76.0	76.7	78.3	79.8	79.8	77.9	76.9	76.9	76.3	76.3	77.90
77.2	77.2	77.7	78.4	79.3	81.8	81.4	79.0	74.0	72.5	74.6	74.8	77.66
73.9	74.6	77.0	77.9	84.8	90.5	83.0	80.7	84.5	85.1	82.5	78.5	78.42
74.9	75.9	77.3	79.3	78.6	78.6	80.2	79.2	76.0	74.0	75.7	74.0	77.26
72.8	72.8	75.2	77.9	81.2	82.5	80.1	77.5	75.5	74.7	74.6	75.1	76.12
77.7	80.3	78.8	78.8	82.0	83.2	80.2	72.7	78.0	75.2	83.0	79.6	78.05
—	—	—	—	—	—	—	—	—	—	—	—	—
77.8	79.1	81.1	79.7	78.3	81.3	78.8	79.2	74.4	74.6	74.8	74.1	77.43
75.7	78.9	76.9	76.6	80.6	81.2	86.7	86.7	80.2	78.3	82.6	80.8	78.02
80.2	80.2	80.2	81.3	81.3	80.3	78.0	78.0	76.9	76.4	75.3	75.5	78.86
77.3	78.9	78.0	80.8	83.1	82.8	81.0	80.3	80.1	79.2	79.3	79.8	79.35
80.2	81.2	83.2	84.4	84.5	84.5	84.5	81.6	79.8	78.5	78.5	79.2	81.16
79.9	79.9	81.4	81.4	82.5	82.5	80.2	78.9	77.3	74.9	74.9	75.8	79.91
—	—	—	—	—	—	—	—	—	—	—	—	—
80.6	80.6	81.3	81.5	81.5	81.5	79.8	77.2	74.5	73.2	72.6	72.6	78.45
73.8	81.3	79.0	80.5	80.5	81.5	84.2	84.3	81.1	80.3	82.2	74.8	77.23
77.2	78.3	78.3	83.0	85.4	79.1	79.7	77.7	75.1	74.6	71.9	71.9	77.62
77.4	79.4	80.8	82.4	83.5	83.5	82.4	78.4	78.4	77.7	77.7	77.7	77.57
72.7	83.2	84.2	84.2	84.4	84.8	81.5	79.9	77.0	77.1	77.1	77.1	80.42
80.8	80.9	81.8	82.7	85.2	84.9	83.0	80.7	80.0	78.7	78.7	78.7	80.76
—	—	—	—	—	—	—	—	—	—	—	—	—
77.8	79.0	80.5	79.2	77.3	78.9	76.6	77.8	77.8	74.6	74.9	74.6	78.06
77.4	78.6	78.6	79.1	80.3	81.6	81.7	80.8	80.0	81.8	74.1	79.0	77.96
81.4	83.1	83.4	83.6	84.4	81.0	79.4	74.5	75.7	75.1	74.9	76.2	78.55
77.8	79.8	79.8	82.5	82.5	83.5	80.7	78.9	77.1	73.6	73.6	73.6	77.91
73.6	73.6	76.2	78.7	80.6	79.2	79.9	79.4	77.1	72.9	75.7	75.1	76.25
77.16	78.52	79.36	80.59	81.91	82.31	81.34	79.49	78.05	76.82	77.06	76.61	78.51

TEMPERATURE OF THE VERTICAL FORCE MAGNET.

47.0	46.9	47.2	47.3	47.7	48.0	48.1	48.3	48.4	48.3	48.3	48.3	47.82
46.6	46.8	47.1	47.2	47.6	47.7	47.8	48.0	48.0	48.2	48.2	48.0	47.67
45.6	45.6	45.6	45.6	45.7	45.9	46.1	46.0	46.0	46.0	45.9	45.8	46.17
44.2	44.1	44.0	44.2	44.3	44.6	44.7	45.0	45.2	45.3	45.3	45.3	44.75
—	—	—	—	—	—	—	—	—	—	—	—	—
46.0	46.0	46.4	46.7	47.0	47.2	47.6	47.8	47.9	47.9	48.0	48.0	46.93
46.0	46.1	46.2	46.6	46.9	47.1	47.6	48.0	48.2	48.7	48.8	48.8	47.26
47.3	47.4	47.7	48.0	48.2	48.4	48.6	49.0	49.1	49.3	49.5	49.8	48.40
48.4	48.2	48.2	48.0	48.1	48.4	48.8	48.9	49.2	49.5	49.8	49.9	49.05
49.5	49.4	49.5	49.5	49.5	49.7	50.0	50.2	50.1	50.2	50.0	50.0	49.91
47.7	47.8	48.0	48.7	49.0	49.4	49.7	50.2	50.2	50.5	50.6	50.8	49.06
—	—	—	—	—	—	—	—	—	—	—	—	—
46.8	46.8	47.2	47.7	48.1	49.0	49.3	49.8	50.0	50.2	50.3	50.4	48.86
48.8	48.6	48.6	48.8	48.8	48.8	48.8	48.8	48.8	49.0	49.0	49.0	49.21
47.2	47.4	47.6	47.8	47.9	48.1	48.5	48.7	48.8	48.7	48.8	48.8	48.14
46.4	46.4	46.4	46.3	46.3	46.4	46.4	46.5	46.6	46.5	46.5	46.3	47.00
45.5	45.6	46.0	46.0	46.0	46.2	46.2	46.7	46.7	46.8	46.8	47.0	46.12
45.0	45.2	45.4	45.8	46.0	46.4	47.0	47.4	47.8	48.0	48.2	48.2	46.28
—	—	—	—	—	—	—	—	—	—	—	—	—
46.0	45.8	46.3	46.8	47.4	47.8	48.2	48.4	48.8	49.0	49.1	49.2	47.37
48.0	48.0	48.0	48.2	48.3	48.9	49.2	49.5	49.8	49.8	50.0	49.8	48.96
47.2	47.3	47.7	48.2	48.6	49.2	49.7	50.2	50.7	51.0	50.8	51.0	49.08
48.6	48.6	48.5	48.7	48.8	48.8	48.8	48.6	48.6	48.5	48.4	48.2	49.23
46.2	46.2	46.2	46.4	46.4	46.6	46.8	47.2	47.4	47.5	47.6	47.5	46.74
45.8	45.8	45.8	46.1	46.3	46.6	47.0	47.2	47.2	47.2	47.2	47.1	46.60
—	—	—	—	—	—	—	—	—	—	—	—	—
47.3	47.3	47.5	47.8	48.1	48.3	48.5	48.8	48.9	49.0	49.0	49.0	47.80
48.9	48.8	48.8	48.8	49.0	49.1	49.2	49.3	49.4	49.5	49.5	49.4	49.03
47.5	47.6	47.8	48.1	48.7	48.8	49.2	49.8	50.0	50.2	50.0	50.0	48.80
47.7	47.6	47.4	47.5	47.8	47.9	48.2	48.7	48.9	49.0	49.3	49.4	48.64
49.7	49.7	49.8	49.9	50.1	50.7	50.8	50.9	51.1	51.0	51.0	50.8	50.08
47.07	47.08	47.22	47.43	47.65	47.93	48.18	48.44	48.58	48.70	48.74	48.73	47.96

VERTICAL FORCE.													
One Scale Division = '000063 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah. = '00021.													
Mean Göttingen Time. } }	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.	10h.	11h.	
	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
SEPTEMBER.	1	73.9	75.7	75.7	76.8	75.8	76.4	76.8	76.1	76.1	74.1	73.5	73.5
	2	74.1	76.6	75.9	—	—	—	—	—	—	—	—	—
	3	—	—	—	77.9	79.3	78.6	79.6	79.2	78.8	79.2	79.7	79.4
	4	83.2	80.2	75.5	75.4	76.1	77.7	78.6	77.2	—	76.1	76.1	75.4
	5	72.9	72.7	73.7	74.7	74.7	74.7	77.5	77.5	77.2	76.0	75.4	76.5
	6	77.7	75.7	76.9	78.0	—	—	78.4	78.2	78.1	77.7	77.0	76.7
	7	76.9	76.0	76.4	74.7	77.0	77.0	78.0	77.3	74.3	74.3	77.0	77.0
	8	71.0	70.3	70.7	70.7	—	72.9	69.8	69.8	73.9	75.6	78.0	75.6
	9	—	71.3	73.0	—	—	—	—	—	—	—	—	—
	10	—	—	—	75.8	76.8	76.8	76.8	76.8	74.6	74.1	71.0	74.0
	11	71.6	71.6	71.6	71.6	71.1	70.6	71.6	71.6	71.8	71.8	75.2	67.2
	12	63.9	65.0	64.5	65.0	66.2	66.4	66.3	66.4	66.4	66.4	65.7	65.2
	13	64.6	66.0	66.8	67.7	—	67.7	67.7	66.6	66.6	69.1	69.1	70.0
	14	61.8	63.0	63.0	65.4	65.4	65.4	65.4	63.6	66.0	68.2	68.2	66.5
	15	73.0	75.8	76.2	76.8	77.0	78.4	78.6	77.7	—	76.2	75.9	75.9
	16	75.0	74.7	74.8	—	—	—	—	—	—	—	—	—
	17	—	—	—	74.8	77.0	77.0	78.8	78.2	78.9	74.7	75.2	79.4
	18	75.7	72.3	78.8	80.0	68.7	77.6	76.6	75.5	74.0	76.2	77.4	71.3
	19	78.6	75.9	77.4	71.2	76.2	76.2	76.2	76.2	—	75.3	76.5	76.2
	20	74.4	74.4	73.4	73.8	74.2	76.5	75.2	73.5	74.8	74.7	74.5	74.3
	21	70.7	71.1	71.4	69.0	70.0	71.0	71.6	72.9	69.8	70.4	72.2	71.6
	22	69.4	69.1	69.4	70.2	—	70.7	70.7	70.7	—	69.5	69.5	67.5
	23	63.2	64.2	64.2	—	—	—	—	—	—	—	—	—
	24	—	—	—	71.2	71.2	71.0	71.4	72.0	72.0	72.0	73.3	73.3
	25	67.2	68.1	69.4	68.5	68.5	68.5	68.5	71.2	69.9	69.5	69.9	69.0
	26	71.7	71.7	73.7	73.7	74.8	75.1	71.7	74.7	73.8	73.8	73.9	74.0
	27	72.9	74.3	74.3	76.3	74.6	75.0	75.0	75.3	75.3	74.2	74.2	75.9
	28	73.3	74.4	74.4	75.2	75.8	76.2	76.2	76.2	76.2	76.2	75.0	76.8
	29	66.8	67.1	73.2	64.5	68.3	70.5	67.0	68.8	68.3	68.1	69.1	75.6
Hourly Means	71.81	71.89	72.57	72.76	73.27	73.66	73.76	73.73	73.18	73.34	73.70	73.51	
TEMPERATURE OF THE VERTICAL FORCE MAGNET.													
	°	°	°	°	°	°	°	°	°	°	°	°	
SEPTEMBER.	1	50.7	50.6	50.2	50.0	49.8	49.7	49.5	49.5	49.2	49.0	48.8	48.7
	2	50.4	50.3	50.2	—	—	—	—	—	—	—	—	—
	3	—	—	—	47.7	47.7	47.3	47.0	47.0	46.7	46.5	46.2	46.3
	4	47.9	47.6	47.2	47.0	46.8	46.7	46.5	46.3	—	46.0	45.9	45.8
	5	48.2	48.2	48.2	48.2	48.0	47.8	47.5	47.2	47.0	46.7	46.6	46.3
	6	47.2	47.0	46.9	46.8	—	—	46.2	46.1	46.0	45.8	45.8	46.2
	7	47.7	47.6	47.5	47.6	47.8	47.5	47.3	47.2	46.9	46.7	46.5	46.5
	8	50.7	50.7	50.5	50.2	—	49.6	49.3	49.1	48.7	48.4	48.1	48.0
	9	—	50.0	50.0	—	—	—	—	—	—	—	—	—
	10	—	—	—	48.2	48.0	47.6	47.4	47.4	47.2	47.0	46.9	47.0
	11	51.0	51.0	50.8	50.8	50.7	50.7	50.4	50.2	50.0	50.0	49.8	50.0
	12	54.3	54.3	54.2	54.1	54.0	53.9	53.7	53.6	53.4	53.0	53.0	52.8
	13	54.5	54.1	54.0	53.8	—	53.2	52.8	52.6	52.2	51.8	51.6	51.7
	14	55.6	55.3	55.1	55.0	54.9	54.7	54.2	53.8	53.4	53.0	52.6	52.2
	15	48.6	48.0	47.6	47.2	47.0	46.6	46.3	46.1	—	45.7	45.3	45.2
	16	46.8	47.0	47.0	—	—	—	—	—	—	—	—	—
	17	—	—	—	45.8	45.8	45.8	45.8	45.7	45.6	45.5	45.5	45.4
	18	48.5	48.3	48.2	48.1	48.0	48.0	47.8	47.6	47.2	47.0	46.8	47.0
	19	49.7	49.6	49.5	49.3	49.0	48.8	48.4	48.2	—	47.7	47.5	47.3
	20	50.0	50.0	50.0	50.0	50.0	49.8	49.8	49.7	49.4	49.1	49.0	49.0
	21	51.7	51.7	51.8	51.8	51.9	51.8	51.8	51.7	51.5	51.3	51.3	51.7
	22	52.8	52.8	52.6	52.6	—	52.4	52.2	52.2	—	52.0	51.9	51.9
	23	55.0	55.0	55.0	—	—	—	—	—	—	—	—	—
	24	—	—	—	51.7	51.4	51.2	51.0	50.7	50.6	50.4	50.4	50.4
	25	52.1	52.1	52.1	52.1	52.0	51.8	51.6	51.6	51.3	51.2	51.2	51.0
	26	50.4	50.2	50.0	49.8	49.6	49.5	49.3	49.2	49.2	49.0	48.8	48.8
	27	49.0	49.0	48.8	48.5	48.2	48.2	48.0	48.0	47.8	47.8	47.4	47.4
	28	49.0	49.0	48.8	48.8	48.6	48.2	47.8	47.6	47.4	47.1	46.9	46.9
	29	53.2	53.4	53.4	53.4	53.3	53.1	52.9	52.8	52.4	52.2	52.1	52.0
Hourly Means	50.63	50.51	50.38	49.94	49.64	49.75	49.38	49.24	49.20	48.80	48.64	48.62	

VERTICAL FORCE.

One Scale Division = '000063 parts of the V. F. Change in the Magnetic moment of the Bar for 1° Fah°. = '00021.

12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.	21h.	22h.	23h.	Daily and Monthly Means.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
73·8	72·7	74·4	79·1	79·1	80·8	78·3	75·0	72·9	72·9	72·4	73·4	75·38
78·7	82·2	82·2	82·5	88·3	90·5	92·1	93·1	99·2	101·5	95·7	94·8	84·13
76·2	77·8	80·9	81·8	84·8	81·7	80·5	77·9	75·2	74·7	73·1	72·3	77·76
75·5	77·8	79·7	81·1	82·5	82·5	77·3	77·3	77·0	77·7	75·0	77·0	76·83
78·8	80·0	83·0	83·0	84·0	80·5	76·9	74·7	74·5	74·3	75·3	76·0	77·97
78·0	78·0	72·7	73·7	73·9	76·2	75·8	74·7	71·3	70·1	70·4	71·0	75·07
76·7	86·6	81·8	74·7	81·3	74·8	74·8	72·7	72·7	72·7	70·7	75·0	74·47
74·0	74·0	76·3	77·0	78·5	76·4	75·2	73·3	71·6	71·6	71·6	71·6	74·44
67·5	79·6	72·3	73·3	72·9	71·9	68·6	65·0	69·3	69·3	69·3	62·8	70·80
65·2	66·2	66·2	67·9	69·8	68·5	67·6	66·0	64·0	64·4	63·4	63·7	65·85
69·2	68·3	67·6	67·6	66·2	64·7	62·0	60·6	60·4	61·4	61·0	61·8	65·77
66·5	69·6	70·3	71·5	71·2	71·8	74·4	70·4	70·4	71·6	71·6	71·6	68·03
75·9	75·9	78·0	78·8	79·5	80·4	80·0	78·4	76·4	75·6	75·0	75·6	77·00
76·4	81·3	82·2	82·9	82·9	77·7	72·5	74·7	78·0	79·3	78·1	75·1	77·48
72·8	74·4	75·6	77·8	79·4	77·2	75·8	70·8	75·1	79·2	76·9	69·8	75·37
78·1	79·0	79·9	82·1	84·0	81·8	80·0	76·8	77·0	71·6	73·4	73·4	77·09
74·6	73·7	76·1	72·8	78·5	75·0	73·7	71·7	69·4	69·4	67·7	69·6	73·58
74·0	71·7	73·2	73·0	73·0	72·5	72·5	71·3	70·3	68·9	68·1	67·7	71·16
71·5	72·0	73·3	73·1	70·2	71·4	66·8	67·4	67·3	64·4	63·2	63·2	69·11
73·7	74·5	75·3	75·3	74·9	72·4	70·7	68·5	66·7	65·5	66·5	66·8	70·41
69·3	71·2	73·1	76·5	74·4	75·7	72·5	71·4	70·2	71·4	71·8	71·7	70·72
74·5	77·5	79·7	79·7	77·6	75·5	72·8	70·9	72·2	72·3	72·6	72·9	74·20
77·7	81·0	77·7	78·7	80·3	79·0	77·0	76·0	73·8	73·0	72·9	72·8	75·72
78·9	78·9	80·2	78·6	75·2	72·1	71·3	70·0	68·0	66·7	67·8	64·7	74·10
71·0	70·7	73·0	73·0	70·8	67·1	63·2	64·1	60·7	60·7	60·8	58·9	67·55
73·94	75·78	76·19	76·62	77·33	75·92	74·09	72·51	72·14	72·01	71·37	70·93	73·59

TEMPERATURE OF THE VERTICAL FORCE MAGNET.

°	°	°	°	°	°	°	°	°	°	°	°	°
48·6	48·8	49·2	49·5	49·3	49·8	50·0	50·2	50·2	50·3	50·2	50·2	49·67
46·3	46·3	46·5	46·7	47·0	47·2	47·6	47·8	47·8	47·8	47·6	47·5	47·48
45·7	45·9	46·3	46·7	47·0	47·4	47·8	47·8	48·1	48·2	48·2	48·2	47·00
46·3	46·2	46·3	46·8	46·9	47·0	47·2	47·2	47·2	47·3	47·3	47·2	47·20
46·0	46·1	46·2	46·5	46·9	47·1	47·2	47·3	47·6	47·7	47·7	47·7	46·73
46·8	47·2	47·8	48·1	48·6	49·0	49·3	50·0	50·3	50·4	50·5	50·8	48·15
48·0	48·2	48·6	48·8	49·1	49·8	50·0	50·2	50·2	50·2	50·2	50·0	49·42
47·3	47·7	48·0	48·8	49·2	49·8	50·0	50·2	50·6	50·8	51·0	51·0	48·74
50·2	50·2	50·4	50·8	51·1	51·8	52·4	52·9	53·4	53·9	54·0	54·2	51·28
52·8	52·8	52·9	53·0	53·2	53·8	54·1	54·5	54·6	54·4	54·3	54·3	53·71
52·1	52·6	53·2	53·8	54·4	55·2	55·4	55·4	55·5	55·8	55·7	55·7	53·79
52·0	51·6	51·2	51·0	50·7	50·3	50·3	50·2	50·0	49·7	49·2	48·8	52·28
45·4	45·4	45·5	45·8	46·0	46·2	46·2	46·6	46·7	46·8	47·0	47·0	46·44
45·3	45·5	45·8	46·0	46·3	46·6	47·0	47·3	47·5	47·8	47·8	47·9	46·35
47·0	47·0	47·2	47·3	48·0	48·3	48·9	49·1	49·5	49·7	49·8	49·7	48·08
47·2	47·6	47·8	48·0	48·4	48·6	48·8	49·4	49·4	49·8	49·8	50·0	48·69
49·0	49·2	49·4	49·8	49·8	50·0	50·6	51·0	51·4	51·5	51·6	51·5	50·03
51·8	51·7	51·8	51·9	52·0	52·2	52·4	52·7	52·9	52·9	52·8	52·8	52·00
52·2	52·5	52·9	53·1	53·4	53·8	54·0	54·7	55·0	55·2	55·2	55·2	53·21
50·2	50·4	50·5	50·7	51·0	51·2	51·4	51·9	52·0	52·2	52·1	52·1	51·60
51·0	51·0	51·0	51·0	50·8	50·8	50·8	50·8	50·6	50·6	50·5	50·4	51·22
48·8	48·6	48·8	48·8	48·8	49·0	49·0	49·0	49·7	49·6	49·6	49·3	49·28
47·4	47·3	47·4	47·6	47·8	48·0	48·3	48·7	49·1	49·2	49·1	49·1	48·21
47·0	47·3	47·9	48·5	49·2	49·8	50·4	51·2	51·8	52·2	52·8	53·0	49·05
52·0	52·0	52·4	52·8	53·4	54·0	55·2	55·8	56·3	56·8	57·0	57·1	53·71
48·66	48·76	49·00	49·27	49·53	49·87	50·17	50·48	50·70	50·83	50·84	50·83	50·02

January 19th and 20th.			MAGNETICAL OBSERVATIONS.										
Mean Göttingen Time.			Angular Value of one Scale Division = 0' 502.					DECLINATION.					
			10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
M.	s.		Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
0	0		102'5	104'0	104'0	105'7	111'7	115'0	121'5	121'4	118'6	114'8	113'2
5	0		102'7	104'0	103'0	107'8	111'7	116'3	122'0	121'0	118'0	113'8	113'6
10	0		100'6	104'2	105'1	108'8	111'2	116'9	123'3	122'0	117'6	113'4	111'6
15	0		100'8	103'0	104'0	109'1	110'8	117'4	121'9	121'7	116'8	114'0	110'8
20	0		101'0	101'6	102'4	109'9	111'9	118'3	122'4	122'0	116'4	113'8	110'0
25	0		103'4	101'9	102'8	110'3	113'2	118'5	122'7	122'0	115'6	113'8	109'8
30	0		103'6	101'2	104'8	110'6	114'8	118'3	122'5	122'0	115'2	113'6	109'4
35	0		101'0	102'0	106'6	111'2	115'3	119'3	122'0	121'7	116'4	113'4	109'8
40	0		101'0	102'4	106'4	111'2	115'8	120'0	122'8	121'2	115'4	114'0	110'1
45	0		101'0	101'5	108'2	111'3	114'7	120'6	122'3	120'7	115'4	114'4	110'3
50	0		102'2	102'0	105'2	111'6	115'4	121'0	121'7	119'3	115'4	113'8	111'1
55	0		103'4	103'9	104'4	112'0	113'6	121'5	121'8	119'2	114'8	114'2	111'2
M. s.			One Scale Division = '000170 parts of the H. F.					HORIZONTAL FORCE.					
			10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
2	30		123'4	120'8	118'9	114'7	112'0	111'2	117'7	126'0	128'8	130'0	123'2
7	30		121'8	120'8	118'9	115'5	111'1	111'8	119'3	127'0	129'3	128'8	122'6
12	30		121'0	120'3	118'0	115'4	110'9	111'8	122'0	129'0	130'0	127'6	122'6
17	30		121'3	119'7	116'5	115'8	110'3	112'6	120'4	129'1	131'8	126'8	123'2
22	30		122'0	119'5	116'4	115'6	112'0	112'1	121'5	129'7	132'6	125'6	125'0
27	30		122'6	119'0	117'0	115'2	113'3	111'9	122'2	130'0	129'0	125'6	125'6
32	30		119'8	118'9	116'6	115'0	112'8	112'8	122'5	130'7	129'8	125'8	126'3
37	30		118'3	119'0	116'8	114'2	112'2	114'0	123'0	128'3	131'2	126'0	127'4
42	30		119'3	119'0	116'2	114'0	112'8	114'0	124'2	130'0	130'0	126'0	126'0
47	30		119'8	118'5	114'0	114'8	112'2	114'8	125'0	128'7	130'0	126'6	125'9
52	30		120'4	119'0	115'0	113'6	113'8	116'0	124'6	129'2	130'4	123'8	124'9
57	30		121'0	119'1	115'1	113'2	113'1	117'0	126'0	128'8	130'6	122'8	124'0
Thermometer			60'5	60'4	60'4	61'0	61'3	62'0	62'5	63'4	64'8	65'0	65'4
M. s.			Induction Inclinometer, one Sc. Div. = 0' 502 ; p. = 4' 8297 ; u. = 14° 22'.										
			50'0	50'5	48'6	47'4	46'6	46'7	49'7	53'7	56'1	56'5	52'7
5	0		51'2	50'7	49'3	47'8	46'2	46'7	50'8	53'9	55'9	56'1	52'9
10	0		50'3	50'3	49'3	48'1	46'0	46'0	51'7	54'6	55'7	55'3	52'3
15	0		50'1	49'9	48'0	47'7	45'6	46'7	51'2	55'2	56'1	54'9	53'9
20	0		50'9	50'3	48'5	47'9	46'0	47'1	51'5	54'9	57'3	54'1	53'9
25	0		51'5	49'6	48'1	47'9	46'5	46'7	51'8	54'9	55'3	54'1	54'1
30	0		51'3	49'9	48'1	47'8	47'0	46'9	52'0	55'2	55'3	54'3	54'5
35	0		49'9	49'5	47'9	47'7	46'9	47'8	52'4	55'6	56'7	54'3	55'1
40	0		49'3	49'7	48'1	47'5	46'7	47'9	52'8	55'2	56'1	54'3	54'7
45	0		49'4	49'8	48'2	47'7	47'2	48'8	53'4	56'0	56'0	54'3	54'5
50	0		48'9	49'5	47'6	47'5	46'8	49'2	53'0	54'0	56'0	53'9	54'1
55	0		50'5	48'4	47'3	47'2	46'4	49'7	53'1	54'9	56'1	53'5	53'9
Thermometer			60'3	61'0	61'6	62'4	62'7	63'6	64'0	66'0	66'8	66'8	66'6
Increasing Numbers denote increasing easterly Declination.													
METEOROLOGICAL OBSERVATIONS.													
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.				
				Dry.	Wet.	Direction.	Force.						
D.	H.	M.	In.	°	°								
19	10	0	30'029	54'4	49'8	N.W.byW.	Gentle.	0'0	Cloudless ; dense haze.				
	11	0	30'032	58'4	51'6	W.N.W.	Moderate.	0'0	Cloudless ; dense haze.				
	12	0	30'015	61'6	53'5	N.N.W.	Moderate.	0'0	Cloudless ; dense haze.				
	13	0	29'995	64'9	54'7	N.N.W.	Light.	0'0	Hazy.				
	14	0	29'973	67'7	56'6	N.W.	Light air.	0'0	Cloudless and very hazy.				
	15	0	29'943	70'8	57'0	E. by N.	Light air.	0'0	Cloudless and very hazy.				
	16	0	29'906	71'0	57'8	S.E.	Light.	0'0	Thick haze.				
	17	0	29'885	75'1	60'1	N.E. by E.	Gentle.	0'0	Thick haze.				
	18	0	29'865	75'6	60'8	E.N.E.	Gentle.	0'0	Dense haze.				
	19	0	29'851	74'4	61'4	E. by N.	Light air.	0'0	Dense haze.				
	20	0	29'821	72'6	60'0	E.N.E.	Light.	0'0	Cir. and dense haze.				
	21	0	29'804	70'0	59'5	E.N.E.	Gentle.	0'0	Cir. and dense haze.				

MAGNETICAL OBSERVATIONS.												
January 19th and 20th.												
DECLINATION.												
Angular Value of one Scale Division = 0'' 502.												
21h.	22h.	23h.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
111°0	111°7	110°2	111°9	113°2	112°3	120°0	109°4	118°1	108°2	104°4	103°0	102°3
110°8	112°3	110°3	112°0	113°0	114°2	118°4	109°0	118°7	108°4	104°2	103°0	102°6
110°9	112°2	111°2	112°1	113°0	115°2	116°6	108°6	116°8	108°6	104°5	102°6	101°5
111°0	112°8	112°2	111°9	112°8	115°2	114°2	109°0	115°3	108°0	104°6	102°2	102°0
111°0	113°0	110°7	111°1	113°0	118°4	113°0	109°4	115°2	107°8	104°2	102°0	101°5
111°6	112°7	111°1	110°3	113°2	117°2	113°4	109°2	113°5	106°8	104°3	101°5	102°0
112°2	113°7	111°9	109°0	113°0	116°0	113°6	109°0	112°0	106°2	104°7	101°2	102°8
112°6	113°2	112°0	109°0	112°2	114°8	113°6	110°6	110°9	105°6	104°0	101°1	103°0
113°0	113°2	112°0	109°8	112°6	114°0	113°4	110°8	109°2	105°0	104°0	—	102°8
112°8	112°1	112°0	112°0	112°8	117°3	113°2	110°2	108°7	104°7	103°7	101°2	100°8
112°3	110°9	111°3	112°0	112°0	120°0	113°0	112°0	108°0	104°7	103°6	101°4	99°8
112°8	109°8	112°0	112°8	112°5	123°4	110°0	115°8	108°3	104°7	103°6	101°8	99°2

HORIZONTAL FORCE.												
Change in the Magnetic moment of the Bar for 1° Fahr. = °000093.												
123°6	121°6	122°5	121°0	122°3	125°4	122°5	124°0	118°3	122°0	121°5	124°0	122°0
123°8	121°2	123°0	121°7	121°9	126°3	122°0	123°6	120°2	122°5	122°1	124°2	121°8
123°7	121°3	123°1	120°9	121°8	124°4	121°5	123°2	121°1	121°8	122°0	124°0	121°3
124°2	121°1	123°6	121°0	122°2	123°2	121°2	122°8	121°9	122°1	122°1	123°7	121°4
125°1	122°0	123°3	120°2	122°2	122°7	121°0	122°4	122°0	122°0	122°7	123°5	121°5
125°6	122°8	123°1	120°0	122°2	121°8	121°2	121°8	122°2	122°0	123°0	123°2	121°5
125°6	123°3	122°7	120°8	122°2	121°8	121°3	121°2	121°9	122°0	123°0	123°0	121°3
124°8	123°8	122°7	121°0	122°5	121°7	122°0	121°0	121°7	121°8	123°2	122°4	121°0
123°1	122°6	121°2	122°2	122°5	122°0	122°4	119°7	121°7	121°8	123°2	122°3	120°2
121°9	122°2	121°7	122°3	122°8	124°3	123°2	119°2	121°9	121°7	123°3	122°3	118°8
121°8	122°2	121°5	122°3	122°2	123°6	124°6	118°6	121°7	121°8	124°0	122°3	119°5
122°6	122°4	121°4	122°3	123°4	123°0	124°4	118°8	121°9	121°7	124°2	122°2	119°0
65°6	65°6	65°6	65°5	65°7	65°9	65°9	65°8	65°8	65°6	65°5	65°0	64°8

Induction Inclinometer, one Sc. Div. = 0'' 502; p. = 4° 8297; u. = 14° 22'.												
53°4	52°8	53°3	53°0	53°5	54°7	54°3	57°3	52°6	53°9	53°7	55°0	53°8
53°2	52°9	53°4	53°0	53°5	55°5	53°5	56°7	52°6	54°3	53°8	54°9	53°3
53°3	52°7	54°0	53°4	52°9	55°5	54°1	56°3	53°3	54°2	54°2	55°0	52°8
53°7	52°5	54°1	53°0	53°1	54°9	53°7	55°7	53°9	54°1	54°1	54°7	53°4
53°9	52°9	53°6	52°8	53°4	54°3	53°6	54°1	54°3	54°1	54°0	54°5	53°4
54°3	53°2	54°0	52°4	53°5	54°0	53°5	53°7	54°2	54°1	54°6	54°4	52°7
54°5	53°8	53°9	52°7	53°6	54°1	53°5	53°3	54°1	54°0	54°2	54°2	52°1
54°1	53°9	53°9	52°7	53°7	53°7	53°7	53°7	54°0	54°0	54°6	53°0	52°1
53°7	53°8	53°9	53°1	53°7	53°7	54°3	53°3	54°0	53°9	54°6	—	52°1
53°1	53°3	52°9	52°7	53°4	55°2	54°7	52°9	54°0	54°0	54°5	53°9	52°0
52°8	53°1	53°3	53°4	53°5	57°1	55°1	54°6	53°9	53°7	54°8	54°0	51°4
52°8	53°1	53°0	53°3	53°8	54°7	56°9	52°5	53°9	53°8	54°8	53°8	50°9
66°3	65°8	65°5	65°3	65°4	65°8	65°5	65°6	65°4	65°1	64°9	64°3	64°2

increasing Horizontal Force, and decreasing Inclination.

METEOROLOGICAL OBSERVATIONS.												
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.			
D.	H.	M.	In.	Dry.	Wet.	Direction.	Force.					
19	22	0	29°808	65°7	58°3	N.N.E.	Light.	0°0	Hazy.			
	23	0	29°814	63°0	57°4	N.E. by N.	Gentle.	0°0	Hazy.			
20	0	0	29°807	62°0	57°2	N. by E.	Light air.	0°0	Smoky haze pervading the sky.			
	1	0	29°790	61°0	57°0	N.	Light.	0°0	Smoky haze pervading the sky.			
	2	0	29°772	60°7	57°0	N. by W.	Gentle.	0°0	Smoky haze pervading the sky.			
	3	0	29°736	60°8	57°0	N.	Light.	0°5	Cirrus clouds gathering.			
	4	0	29°687	59°8	56°6	N.	Gentle.	0°2	Cirrus clouds gathering.			
	5	0	29°665	59°4	56°0	N.	Light.	0°4	Cirrus clouds gathering.			
	6	0	29°640	58°2	55°0	N.W. by W.	Light air.	0°5	Filmy cir. in places.			
	7	0	29°621	57°4	54°8	N.W. by W.	Light air.	0°6	Filmy cir. in places.			
	8	0	29°610	56°6	54°6	N.N.W.	Light.	0°0	Cloudless; foglike haze.			
	9	0	29°590	58°2	55°8	N.N.W.	Light air.	0°0	Cloudless; foglike haze.			

February 25th and 26th.		MAGNETICAL OBSERVATIONS.										
Mean Göttingen Time.		Angular Value of one Scale Division = 0' 502.					DECLINATION.					
		10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
M.	s.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
0	0	95.5	93.1	90.4	91.3	97.2	103.5	109.4	114.3	116.2	116.8	114.8
5	0	97.0	93.0	89.0	92.3	96.0	104.2	110.4	114.2	115.8	116.5	114.8
10	0	99.0	92.1	90.0	93.2	97.1	105.0	110.0	114.6	115.8	116.5	114.3
15	0	98.0	90.5	89.2	93.3	97.6	105.6	110.4	114.8	116.0	116.1	113.7
20	0	96.5	90.8	89.2	94.2	97.8	106.3	111.2	115.6	117.6	116.0	113.0
25	0	95.0	91.0	88.3	95.2	98.0	106.8	112.2	116.2	117.0	115.8	112.8
30	0	94.8	91.0	89.5	95.7	98.3	107.5	112.7	116.2	117.2	116.0	112.8
35	0	93.5	90.2	88.8	96.3	99.2	107.9	112.0	116.2	117.0	115.3	112.8
40	0	93.2	89.8	89.4	96.6	100.0	107.8	114.0	116.0	117.2	115.0	112.8
45	0	94.8	90.8	89.5	97.0	100.4	108.2	113.4	116.0	117.0	115.0	112.3
50	0	94.9	90.5	89.8	97.2	101.2	108.0	114.0	116.4	116.8	115.0	112.7
55	0	93.7	89.7	90.0	97.0	102.3	109.1	114.2	116.6	116.6	114.6	112.8
		One Scale Division = .000170 parts of the H. F.					HORIZONTAL FORCE.					
M.	s.											
2	30	99.0	96.0	91.7	93.8	91.5	89.5	95.2	96.8	100.0	103.3	103.5
7	30	99.8	96.0	93.2	93.3	—	89.8	94.3	97.4	99.8	104.0	104.5
12	30	100.4	95.3	90.8	92.8	90.7	89.5	94.6	98.0	100.0	103.3	104.8
17	30	99.8	94.3	91.2	92.8	91.6	89.6	94.8	98.4	101.5	103.6	105.8
22	30	100.0	93.8	90.7	92.5	91.2	90.2	95.6	98.8	102.1	103.8	105.0
27	30	99.2	93.1	91.2	92.3	90.6	91.4	96.4	99.8	103.0	104.0	105.0
32	30	97.9	93.8	91.7	92.3	90.0	93.3	95.3	100.4	103.2	104.2	105.0
37	30	97.0	93.2	91.5	92.5	89.2	94.9	97.0	100.0	103.8	104.0	105.2
42	30	96.4	92.0	92.0	92.0	89.7	95.2	97.0	99.8	103.5	103.9	105.0
47	30	96.8	92.2	93.0	92.2	90.2	94.2	97.2	100.4	103.2	103.9	105.0
52	30	96.0	92.0	93.0	92.2	89.0	94.3	97.0	100.8	103.2	103.8	105.8
57	30	96.3	91.3	93.3	92.2	88.8	95.1	97.2	100.4	103.2	103.3	105.8
Thermometer		61.9	61.9	62.2	63.0	64.0	63.9	63.9	64.0	64.2	64.2	64.2
		Induction Inclinometer, one Sc. Div. = 0' 502; p. = 4' 8297; u. = 14° 22'.										
M.	s.											
0	0	46.9	45.8	42.7	43.6	43.7	43.0	46.5	48.0	49.7	51.1	51.9
5	0	47.7	45.6	43.4	43.9	43.4	43.9	47.2	47.9	49.3	51.2	51.4
10	0	48.1	45.5	42.7	43.9	43.2	43.9	46.7	48.3	49.3	51.2	51.9
15	0	47.9	44.9	42.5	43.8	43.4	44.0	47.1	48.3	49.7	51.4	52.2
20	0	47.6	44.7	42.9	43.5	43.8	44.2	46.5	48.7	50.7	51.4	52.2
25	0	47.6	43.7	42.6	43.5	43.6	44.4	46.9	49.3	51.9	51.3	52.1
30	0	47.1	43.7	42.6	43.2	43.5	45.4	47.9	49.7	51.2	51.6	52.1
35	0	46.6	43.8	42.6	43.4	43.1	46.1	47.6	49.7	51.5	50.6	52.1
40	0	46.1	43.3	43.2	43.3	43.2	46.5	47.5	48.9	51.5	50.7	52.1
45	0	45.9	43.3	43.1	43.2	43.5	46.6	48.1	49.4	51.2	50.6	52.4
50	0	45.8	43.2	43.4	43.7	43.9	46.0	47.9	50.1	51.2	50.6	52.0
55	0	46.0	43.2	43.4	43.9	43.4	46.6	47.7	49.9	51.1	51.3	52.6
Thermometer		62.3	63.0	63.8	64.8	65.2	65.0	65.0	65.0	65.2	65.1	64.8
Increasing Numbers denote increasing easterly Declination.												
METEOROLOGICAL OBSERVATIONS.												
Mean Göttingen Time.		Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.				
			Dry.	Wet.	Direction.	Force.						
D.	H.	M.	In.	°	°							
25	10	0	29.890	56.7	55.5	N.N.W.	Light.	0.3	Light cum. and haze.			
	11	0	29.905	60.6	57.5	N.N.W.	Light.	0.3	Light cum. and haze.			
	12	0	29.915	63.8	58.8	N.W.	Light.	0.4	Sultry and close.			
	13	0	29.913	66.5	60.7	N.W.	Light.	0.4	Sultry and close.			
	14	0	29.909	66.2	61.0	S.E.	Moderate.	0.7	Overcast and gloomy.			
	15	0	29.932	63.2	59.5	S.E. by S.	Strong.	1.0	Overcast and gloomy.			
	16	0	29.945	63.2	59.4	S.E. by S.	Strong.	1.0	Clouds; breaking a little.			
	17	0	29.943	63.8	59.6	S.E.	Strong.	0.7	Cum.; with haze.			
	18	0	29.954	63.8	58.6	S.E.	Strong.	0.3	Cum.; with much haze.			
	19	0	29.954	63.8	58.2	S.E.	Moderate gale.	0.5	Much haze.			
	20	0	29.973	61.0	57.5	S.E.	Moderate gale.	0.7	Much haze.			
	21	0	29.986	59.2	57.0	S.E.	Moderate gale.	0.7	Much haze.			

MAGNETICAL OBSERVATIONS.												
February 25th and 26th.												
DECLINATION.												
Angular Value of one Scale Division = 0' 502.												
21h.	22h.	23h.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.
Sc. Div. 112°8	Sc. Div. 112°2	Sc. Div. 111°2	Sc. Div. 110°9	Sc. Div. 110°0	Sc. Div. 108°3	Sc. Div. 108°8	Sc. Div. 108°2	Sc. Div. 107°2	Sc. Div. 108°2	Sc. Div. 109°0	Sc. Div. 107°0	Sc. Div. 102°6
112°8	112°3	111°2	110°6	110°0	108°3	108°7	108°2	107°5	108°5	109°8	106°8	103°0
112°8	112°2	111°5	110°4	109°6	108°8	108°2	108°2	107°5	108°4	109°9	106°4	102°2
112°8	112°3	111°2	110°4	109°2	108°8	108°3	108°3	107°7	108°3	109°0	105°8	102°2
112°8	112°0	110°9	110°2	108°6	108°8	108°0	108°3	107°5	108°8	108°5	105°4	102°0
112°8	111°9	110°9	110°4	108°0	109°0	108°2	108°3	107°2	108°7	108°0	105°0	101°8
112°7	112°2	110°9	110°2	108°2	109°0	108°3	108°3	107°2	109°0	107°8	104°8	101°4
112°2	112°0	111°0	110°4	108°0	109°0	108°7	108°2	107°0	109°4	107°1	104°8	102°6
112°0	111°6	111°2	110°4	108°0	108°8	108°8	107°8	107°0	109°8	106°8	104°4	101°4
112°2	111°8	111°5	110°2	108°0	108°8	108°4	107°8	107°2	109°8	106°8	104°2	100°8
112°2	111°7	111°4	110°0	108°0	108°7	108°3	107°2	107°2	109°7	106°9	103°0	100°8
112°5	111°5	110°8	110°4	108°0	108°8	108°3	107°2	108°3	109°2	107°1	102°8	102°0

HORIZONTAL FORCE.												
Change in the Magnetic moment of the Bar for 1° Fah°. = .000093.												
105°8	106°2	106°4	107°3	106°4	106°8	106°9	107°5	106°5	107°2	107°8	106°1	107°3
105°8	106°0	106°2	107°4	106°8	105°6	105°7	108°0	106°5	107°7	107°9	106°7	107°2
105°8	106°2	106°3	107°4	107°4	107°0	106°8	108°8	106°5	107°7	107°6	106°8	107°2
105°8	106°1	106°4	107°2	107°8	106°8	105°5	109°0	106°8	108°1	107°2	106°8	107°4
105°8	105°8	106°3	106°8	107°8	106°8	105°6	109°0	107°0	107°7	107°2	107°2	107°6
105°8	106°1	106°3	107°0	107°6	106°8	106°4	108°7	107°3	108°0	107°0	107°4	107°4
106°2	106°8	106°2	107°2	107°3	106°5	106°8	108°3	107°3	108°0	106°8	107°4	107°0
105°2	106°8	106°8	107°7	107°0	—	106°8	107°8	106°3	107°9	106°8	107°0	106°4
106°3	106°2	107°8	107°6	107°0	106°3	106°8	107°2	106°5	107°8	107°0	107°0	106°2
106°3	106°5	107°9	107°4	107°2	106°5	107°0	107°0	106°8	108°1	106°8	107°2	106°0
106°5	106°3	107°0	107°4	107°0	106°2	107°0	106°8	107°0	108°4	106°6	107°2	106°8
106°7	106°4	106°9	106°2	107°0	106°4	107°2	106°5	107°2	108°0	106°8	107°2	107°0
64°0	63°8	64°0	63°9	63°6	63°6	63°3	63°0	62°7	62°8	62°2	61°7	61°2

Induction Incliner, one Sc. Div. = 0' 502; p. = 4° 8297; u. = 14° 22'.												
52°4	52°5	52°7	52°5	52°1	51°9	52°1	52°0	51°5	51°9	52°6	51°3	51°9
52°6	52°3	52°4	52°9	52°3	52°1	51°7	52°4	51°4	52°1	52°3	51°1	51°7
52°3	52°5	52°4	52°7	52°3	51°9	51°9	52°7	51°4	51°8	52°4	51°3	51°7
52°3	52°3	52°5	52°7	52°2	52°1	51°8	53°1	51°2	52°3	52°2	51°3	51°5
52°3	52°2	52°3	52°3	52°6	52°1	51°9	52°9	51°6	52°1	52°4	51°5	51°7
52°4	52°2	52°3	52°3	53°5	51°9	51°7	52°8	51°7	52°1	52°1	51°7	51°1
52°2	52°5	52°3	52°3	52°3	51°9	51°6	52°8	51°5	52°7	52°0	51°5	51°1
52°5	52°6	52°5	52°5	51°9	51°9	51°5	52°5	51°4	52°4	51°7	51°5	51°3
52°7	52°5	52°7	52°5	52°1	51°7	51°8	51°9	51°4	52°4	51°8	51°5	50°9
52°5	52°3	52°9	52°7	52°1	51°6	51°8	51°9	51°5	52°4	51°5	51°5	50°1
52°5	52°4	52°7	52°5	51°9	51°5	51°9	51°7	51°5	52°6	51°4	51°9	51°1
52°4	52°5	52°3	52°5	52°3	51°7	51°8	51°4	51°8	52°7	51°3	51°9	50°9
64°0	64°2	64°1	63°8	63°6	63°5	63°3	63°0	62°7	62°6	61°7	61°6	60°8

increasing Horizontal Force, and decreasing Inclination.

METEOROLOGICAL OBSERVATIONS.												
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.			
				Dry.	Wet.	Direction.	Force.					
D.	H.	M.	In.	°	°							
25	22	0	30°005	58°5	54°8	S.E.	Fresh.	0°7	Gloomy.			
	23	0	30°037	57°3	53°4	S.S.E.	Fresh.	1°0	Misty.			
26	0	0	30°054	56°7	52°7	S.S.E.	Moderate.	1°0	Overcast; sky watery.			
	1	0	30°046	56°0	52°4	S.S.E.	Moderate.	1°0	Overcast; sky watery.			
	2	0	30°041	56°0	52°2	S.S.E.	Gentle.	1°0	Overcast; cum.			
	3	0	30°039	55°8	52°0	S.S.E.	Gentle.	1°0	Overcast.			
	4	0	30°030	55°8	53°2	S.S.E.	Light.	1°0	Overcast.			
	5	0	30°024	55°7	52°7	S.S.E.	Light.	1°0	Overcast.			
	6	0	30°024	55°5	53°2	—	Calm.	0°8	Light cum.-strat and cir.-cum.			
	7	0	30°030	52°7	51°2	—	Calm.	0°2	Scattered cir.-cum; bank of cloud to S.E.			
	8	0	30°037	51°7	50°4	—	Calm.	0°2	Bank of cloud to southward.			
	9	0	30°062	51°6	50°6	—	Calm.	0°6	Light cum. spread.			

March 22d and 23d.			MAGNETICAL OBSERVATIONS.										
Mean Göttingen Time.			Angular Value of one Scale Division = 0'502.						DECLINATION.				
			10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
M.	S.		Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
0	0		106'2	103'0	98'1	100'0	107'5	115'2	120'4	123'0	122'0	119'2	115'1
5	0		105'0	103'6	99'0	100'4	110'0	116'0	120'8	123'2	122'0	118'8	115'1
10	0		104'6	102'8	99'0	101'0	110'2	116'2	121'3	123'1	121'8	118'6	115'0
15	0		103'8	98'8	99'2	102'0	109'8	116'7	121'6	123'2	121'6	118'2	114'9
20	0		103'6	99'0	99'7	103'0	110'4	117'2	121'7	123'1	121'6	117'6	114'9
25	0		103'8	98'8	101'0	103'2	110'9	118'1	122'1	122'8	121'4	117'0	115'2
30	0		104'0	99'6	100'4	104'0	111'7	118'4	122'2	123'1	121'0	117'0	115'0
35	0		103'6	100'4	100'0	104'2	111'8	119'2	122'5	123'0	120'8	117'0	114'1
40	0		101'0	100'4	100'0	105'2	112'6	119'7	122'8	123'2	120'6	116'8	114'3
45	0		101'0	101'0	100'6	106'0	113'1	119'9	123'1	122'8	120'6	116'4	114'5
50	0		101'0	101'2	100'6	107'0	114'1	120'2	123'2	122'5	120'0	115'6	114'5
55	0		101'8	100'4	100'3	107'6	114'6	120'2	123'2	122'3	119'4	115'4	114'3
			One Scale Division = '000170 parts of the H. F.						HORIZONTAL FORCE.				
M.	S.												
2	30		107'3	105'8	100'8	95'3	91'8	93'7	98'1	102'2	105'0	106'6	107'0
7	30		106'8	105'4	100'2	95'0	92'6	94'3	98'3	102'2	104'6	106'6	107'0
12	30		107'2	105'0	99'2	95'0	92'0	94'7	99'0	102'2	104'4	107'0	107'2
17	30		106'8	104'2	99'0	95'0	91'4	95'2	99'2	102'5	104'8	107'0	107'5
22	30		106'8	103'8	98'6	94'2	91'0	96'0	99'5	102'1	105'0	107'2	107'8
27	30		107'2	103'4	97'7	94'0	91'2	95'7	99'8	101'7	105'2	107'5	109'0
32	30		107'2	103'4	97'3	93'8	92'0	96'1	100'0	102'2	105'4	107'6	109'0
37	30		106'6	103'0	96'3	92'8	92'4	96'7	100'7	102'7	105'6	107'6	106'8
42	30		105'6	101'7	96'2	92'0	92'3	96'8	101'0	103'2	106'0	107'6	107'5
47	30		105'8	102'2	96'0	92'0	92'7	97'0	101'3	103'3	106'4	107'8	108'2
52	30		105'0	101'3	95'6	91'2	92'9	97'3	101'8	104'0	106'0	107'2	108'2
57	30		106'3	101'0	95'6	91'2	93'3	97'8	101'8	104'2	106'3	106'8	108'2
Thermometer			57'9	57'8	57'7	57'9	58'1	58'3	58'4	59'2	59'3	59'3	59'3
			Induction Inclinometer, one Sc. Div. = 0'502; p. = 4'8297; u. = 14° 22'.										
M.	S.												
0	0		54'3	52'9	49'8	47'9	45'4	47'6	50'0	51'7	53'2	54'3	54'6
5	0		53'9	52'9	49'9	47'7	46'7	47'8	49'9	51'7	53'3	54'3	54'3
10	0		53'9	52'7	49'7	48'1	46'8	48'1	50'4	51'8	53'1	54'7	54'5
15	0		53'7	51'3	49'2	47'9	46'4	48'3	50'3	51'9	53'3	54'7	54'7
20	0		53'9	51'3	49'2	47'8	46'3	48'8	50'2	52'0	53'3	54'7	54'7
25	0		54'1	51'5	49'7	47'5	46'1	48'7	50'6	51'8	53'3	54'7	55'2
30	0		53'9	51'3	48'8	47'1	46'2	48'8	50'7	51'8	53'5	54'9	55'6
35	0		53'8	51'3	47'9	46'8	46'6	49'0	50'7	52'1	53'7	54'9	54'4
40	0		51'9	52'3	47'9	46'7	46'7	49'2	51'1	52'4	53'9	54'9	54'7
45	0		52'5	50'9	48'1	46'4	46'9	49'2	51'1	52'6	54'1	55'1	54'9
50	0		52'9	51'7	47'5	46'0	47'0	49'6	51'3	52'9	53'9	54'5	54'9
55	0		53'1	50'5	48'1	46'0	47'3	49'8	51'5	52'9	54'3	54'5	55'1
Thermometer			57'9	57'8	57'7	57'9	58'1	58'3	58'4	59'2	59'3	59'3	59'3
Increasing Numbers denote increasing easterly Declination.													
METEOROLOGICAL OBSERVATIONS.													
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.				
				Dry.	Wet.	Direction.	Force.						
D.	H.	M.	In.	°	°								
22	10	0	29'750	51'6	48'0	N. by W.	Moderate.	0'8	Squally weather, with light showers.				
	11	0	29'756	54'0	48'6	W.	Strong.	0'7	Squally weather, with light showers.				
	12	0	29'786	55'6	50'0	N.W.	Strong.	0'6	Squally weather, with light showers; generally overcast.				
	13	0	29'786	56'6	50'6	N.W.	Moderate.	0'5	Squally weather, with light showers; generally overcast.				
	14	0	29'784	58'2	50'4	W.S.W.	Gentle.	0'7	Cum.-strat. and cir.-cum.; squally.				
	15	0	29'789	58'7	51'6	N.	Fresh.	0'7	Cum.-strat. and cir.-cum.; squally.				
	16	0	29'777	59'2	51'8	N.W. by N.	Fresh.	0'7	Cum.-strat. and cir.-cum.; squally.				
	17	0	29'772	61'8	53'5	N.	Moderate gale.	0'7	Watery-looking cum. and cum.-strat.				
	18	0	29'766	60'2	53'8	N.	Moderate gale.	0'8	Cloudy; wind variable.				
	19	0	29'753	58'8	53'2	N. by W.	Moderate gale.	0'8	Cloudy; wind variable.				
	20	0	29'750	58'6	52'0	N.	Moderate gale.	0'7	Cloudy; strong squalls.				
	21	0	29'747	57'8	52'6	N. by W.	Moderate gale.	0'7	Cloudy; strong squalls.				

MAGNETICAL OBSERVATIONS.

March 22d and 23d.

DECLINATION.

Angular Value of one Scale Division = 0' 502.

21h.	22h.	23h.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.
Sc. Div. 114.4	Sc. Div. 113.0	Sc. Div. 112.0	Sc. Div. 111.5	Sc. Div. 110.8	Sc. Div. 110.1	Sc. Div. 105.1	Sc. Div. 107.8	Sc. Div. 107.8	Sc. Div. 109.0	Sc. Div. 108.0	Sc. Div. 110.0	Sc. Div. 105.2
114.2	112.8	112.2	111.6	110.9	110.0	105.2	107.4	107.8	109.0	109.3	109.8	104.9
114.0	112.8	112.0	111.6	110.9	110.0	105.8	107.2	108.2	108.8	109.7	109.8	104.8
114.0	112.7	112.0	111.6	110.8	110.0	106.1	107.0	108.5	108.5	110.2	109.9	105.2
114.0	112.5	112.0	111.6	110.6	109.3	107.0	107.2	108.5	108.3	110.3	109.5	105.0
114.0	112.3	112.0	111.6	110.4	109.3	106.8	107.1	108.5	108.5	111.0	109.0	104.7
114.0	112.3	112.0	111.5	110.3	109.2	106.6	107.1	108.3	108.5	113.1	108.8	105.0
113.6	112.2	112.0	111.2	110.3	109.1	106.0	107.0	108.3	108.5	113.2	108.1	105.0
113.4	112.2	111.8	111.2	110.2	109.0	106.0	107.2	108.3	108.8	111.2	107.5	104.0
113.2	112.2	111.8	111.2	110.3	108.6	107.0	107.8	108.5	108.8	100.6	106.8	102.8
113.0	112.3	111.8	111.0	110.3	107.0	107.0	107.7	108.8	108.8	110.1	106.2	103.6
113.0	112.3	111.8	110.9	110.2	105.8	107.0	107.7	109.0	108.8	110.1	105.9	103.0

HORIZONTAL FORCE.

Change in the Magnetic moment of the Bar for 1° Fah. = .000093.

108.7	109.0	109.8	109.3	109.1	109.0	109.3	109.0	108.5	108.3	108.8	113.8	110.1
108.2	109.0	108.8	109.0	109.3	108.4	109.2	109.0	108.3	108.3	108.7	113.7	109.9
108.0	109.0	109.0	109.3	109.2	108.3	109.8	109.1	108.5	108.5	108.5	114.0	109.8
108.1	109.0	109.2	109.3	109.1	108.7	110.5	109.1	108.5	108.5	109.0	114.3	109.4
108.1	108.9	109.2	109.2	109.0	108.5	110.7	109.1	108.3	108.8	109.2	114.7	109.1
108.2	109.0	109.2	109.3	109.0	108.7	110.3	109.1	108.3	108.5	110.2	115.0	109.1
108.8	108.8	109.2	109.3	109.0	109.0	110.2	109.0	108.3	108.5	111.3	114.3	109.3
109.0	108.8	109.3	109.3	109.0	109.7	109.5	108.8	108.3	108.8	112.2	113.8	109.1
109.0	108.8	109.5	109.5	109.0	110.0	109.5	108.8	108.2	108.8	112.3	113.1	109.0
109.0	109.0	109.3	109.5	109.1	109.1	109.2	108.8	108.2	108.8	112.7	113.0	109.7
109.0	109.8	109.2	109.2	109.0	109.4	109.2	108.8	108.2	108.8	113.0	112.0	109.3
109.1	109.8	109.2	109.0	108.9	109.7	109.2	108.8	108.7	108.8	113.1	111.2	109.1
59.2	59.1	59.2	59.4	59.6	59.6	59.8	59.3	59.5	59.5	59.5	59.5	59.4

Induction Inclinometer, one Sc. Div. = 0' 502; p. = 4.8297; u. = 14° 22'.

55.0	55.1	55.9	55.2	55.1	55.5	55.6	55.2	55.0	55.1	55.1	57.1	56.2
55.0	55.4	55.2	55.1	55.1	54.9	55.5	55.3	54.8	55.1	55.1	57.5	55.8
54.9	55.4	55.1	55.1	55.3	54.9	55.3	55.0	55.4	55.1	55.2	57.4	55.5
55.1	55.4	55.4	55.1	55.3	54.8	55.5	55.1	55.1	55.4	55.2	57.8	55.8
55.0	55.4	55.2	55.2	55.3	54.9	55.7	55.5	55.1	55.4	55.3	58.0	55.2
55.0	55.4	55.2	55.2	55.2	55.0	55.9	55.3	55.1	55.2	55.4	58.3	55.2
54.9	55.4	55.2	55.3	55.4	55.3	55.8	55.4	55.4	55.2	56.2	58.1	55.3
55.3	55.5	55.1	55.3	55.3	55.3	55.7	55.4	55.4	55.2	56.5	57.8	55.0
55.3	55.5	55.3	55.3	55.4	55.9	55.5	55.3	55.4	55.1	56.8	57.7	54.9
55.5	55.5	55.3	55.3	55.4	55.5	55.2	55.1	55.4	55.1	56.6	57.4	55.1
55.4	55.4	55.3	55.4	55.4	55.2	55.2	55.0	55.1	55.1	56.8	56.9	55.3
55.3	55.6	55.1	55.1	55.3	55.3	55.2	55.0	55.2	55.1	57.0	56.7	55.1
59.2	59.1	59.2	59.4	59.6	59.6	59.8	60.0	60.2	60.2	60.0	60.0	59.9

Increasing Horizontal Force, and decreasing Inclination.

METEOROLOGICAL OBSERVATIONS.

Mean Göttingen Time.	Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.		
		Dry.	Wet.	Direction.	Force.				
D. 22	H. 22	M. 0	In. 29.729	° 57.0	° 51.5	N. by W.	Moderate gale.	0.7	Unsettled sky.
			29.723	57.5	51.8	N. by W.	Fresh gale.	0.8	Unsettled sky and very squally breeze.
			29.689	57.8	52.2	N. by W.	Fresh gale.	0.8	A very squally fresh gale, with little clear sky.
			29.671	57.6	52.6	N.	Strong gale.	0.8	Thin cir.-strat. mostly covering the sky.
			29.645	57.7	53.0	N.	Fresh gale.	0.8	Unsettled looking weather, with a fresh squally gale.
			29.649	58.5	53.2	N.	Fresh gale.	0.8	Unsettled looking weather, with a fresh squally gale.
			29.651	59.3	55.5	N.	Fresh breeze.	0.8	More moderate, with fine appearances.
			29.656	59.2	54.2	N.	Fresh breeze.	0.6	More moderate, with fine appearances.
			29.662	59.0	52.2	N.	Fresh breeze.	0.5	Fresh northerly breeze.
			29.661	58.8	51.5	N.	Moderate gale.	0.5	Very squally sky; half clear.
			29.709	57.7	50.5	N.W.	Moderate breeze.	0.7	Filmy clouds, with patches of light cir.-strat.
			29.731	56.5	49.5	N.W.	Gentle breeze.	—	

April 19th and 20th.			MAGNETICAL OBSERVATIONS.										
Mean Göttingen Time.			Angular Value of one Scale Division = 0°502.					DECLINATION.					
			10h.	11h.	12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.
M.	S.		Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
0	0		104°9	103°5	103°0	106°7	110°4	114°8	116°2	118°3	117°2	116°0	114°0
5	0		104°3	103°0	103°6	106°9	110°6	113°6	116°6	118°5	117°2	115°9	114°0
10	0		104°0	103°0	103°3	107°0	111°0	113°6	116°6	118°5	117°0	115°1	113°8
15	0		103°8	103°0	103°8	107°7	111°7	113°4	116°9	118°3	117°0	115°0	113°5
20	0		103°0	102°4	103°8	109°0	111°9	113°6	117°0	118°0	117°0	114°8	113°4
25	0		103°0	102°2	103°5	110°0	112°1	114°0	117°2	117°9	116°7	114°5	113°2
30	0		102°9	102°2	103°7	108°5	112°9	114°0	117°3	117°9	116°5	114°3	113°1
35	0		102°4	102°2	103°7	108°8	112°5	114°8	117°4	117°9	116°3	114°2	113°0
40	0		103°0	102°0	104°2	109°0	112°9	115°2	117°3	117°8	116°3	114°0	113°0
45	0		103°7	102°0	104°8	109°6	115°4	115°6	117°9	117°5	116°0	114°0	113°0
50	0		103°1	102°8	105°6	109°8	113°0	115°8	118°0	117°3	116°1	114°0	112°8
55	0		103°1	103°0	105°9	110°0	113°4	116°0	118°0	117°2	116°0	114°0	112°9
M. S.			One Scale Division = .000170 parts of the H. F.					HORIZONTAL FORCE.					
			103°0	102°0	99°6	95°0	93°4	92°6	94°6	95°7	97°6	99°2	100°2
2	30		103°2	102°0	99°3	94°7	93°2	92°8	94°6	95°7	97°4	99°2	100°2
7	30		103°2	102°0	99°0	94°7	93°0	92°8	94°3	95°9	97°7	99°3	101°0
12	30		103°0	102°0	98°8	94°6	92°7	93°4	94°2	95°9	98°0	99°6	101°0
17	30		103°2	101°3	98°2	94°1	92°7	93°6	94°3	95°8	98°0	99°5	101°0
22	30		103°2	101°3	98°2	94°0	92°7	93°4	94°4	95°9	98°0	99°8	101°0
27	30		103°1	100°7	97°8	—	92°5	93°8	94°4	96°2	98°5	100°0	101°2
32	30		103°1	100°3	97°2	93°8	92°4	94°2	94°4	96°6	98°5	100°0	101°3
37	30		103°0	101°0	96°6	93°6	92°2	94°4	94°7	96°7	98°2	100°0	101°3
42	30		102°9	100°1	96°2	93°6	92°1	94°6	95°0	96°7	98°8	100°0	101°5
47	30		102°7	100°0	95°8	93°2	92°4	94°6	95°1	96°9	99°0	100°0	101°8
52	30		102°4	100°0	95°3	93°6	92°4	94°4	95°4	97°1	99°0	100°2	102°0
57	30												
Thermometer			55°2	55°0	55°0	55°8	56°0	56°8	56°6	57°0	57°1	57°2	57°2
M. S.			Induction Inclinometer, one Sc. Div. = 0°502; p. = 4°8297; u. = 14°22'.										
			54°0	53°2	51°4	49°1	49°3	47°5	51°3	51°5	52°0	52°7	53°2
0	0		54°0	52°9	51°3	49°0	49°3	49°3	51°1	51°4	52°2	52°3	53°1
5	0		54°1	52°9	51°4	49°1	49°1	49°3	51°3	51°5	52°1	52°8	53°2
10	0		54°1	52°9	50°9	48°6	48°7	49°9	51°1	51°6	52°0	52°9	53°6
15	0		53°9	52°5	50°9	47°7	48°5	50°3	50°9	51°5	52°1	52°9	53°7
20	0		53°9	52°0	50°6	47°1	48°6	50°5	50°9	51°3	52°0	53°1	53°8
25	0		54°0	52°2	50°4	49°2	48°0	50°7	50°8	51°3	52°2	53°1	53°9
30	0		54°2	52°5	50°2	49°2	48°4	50°9	50°9	51°6	52°4	53°5	54°0
35	0		53°9	51°9	50°0	48°9	48°3	50°5	50°9	51°5	52°4	53°3	54°0
40	0		53°5	52°1	49°7	49°3	46°1	51°1	51°7	51°7	52°7	53°1	53°9
45	0		53°6	51°9	49°4	49°1	48°3	50°9	50°9	51°9	52°0	53°1	54°1
50	0		53°6	51°7	49°2	49°3	48°5	51°1	51°2	51°9	52°5	53°2	54°0
55	0												
Thermometer			55°6	55°6	55°7	57°3	57°8	58°4	58°2	58°3	58°3	58°4	58°2
Increasing Numbers denote increasing easterly Declination.													
METEOROLOGICAL OBSERVATIONS.													
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.				
				Dry.	Wet.	Direction.	Force.						
D.	H.	M.	In.	°	°								
19	10	0	30°224	48°0	45°2	N.	Light air.	0°4	Small cum.; fine and settled.				
	11	0	30°261	50°6	47°6	N.	Light air.	0°4	Cum.; hazy to southward.				
	12	0	30°266	53°2	49°0	N. by W.	Gentle.	0°4	Clouds clearing up.				
	13	0	30°280	57°0	50°7	N.	Light.	0°7	Cum. and cir.-cum.				
	14	0	30°298	60°0	52°6	N.E.	Light.	0°6	Cum. scattered; fine.				
	15	0	30°303	59°6	51°4	S.W.	Light.	0°6	Cum. scattered; fine.				
	16	0	30°305	59°0	51°6	S.W.	Gentle.	0°8	Cum. scattered; fine.				
	17	0	30°300	59°1	51°2	S.W.	Light air.	0°7	Cum. scattered; fine.				
	18	0	30°304	58°8	51°6	S.S.W.	Light.	0°4	Scattered cum. and cir.-cum.; fine.				

MAGNETICAL OBSERVATIONS.												April 19th and 20th.			
DECLINATION.						Angular Value of One Scale Division = 0' 502.									
21h.	22h.	23.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.			
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.		
112°6	111°0	109°2	108°2	109°8	108°8										
112°3	111°0	109°3	108°2	109°4	108°8										
112°2	110°9	109°3	108°6	109°2	109°2										
112°1	110°5	109°7	108°8	109°0	109°2										
112°0	109°9	110°1	109°2	109°2	109°2										
112°0	109°2	110°1	109°2	109°0	109°4										
111°8	108°8	110°2	109°6	109°0	109°2										
112°0	108°8	110°1	109°6	109°0	109°0										
112°0	108°2	110°1	109°4	109°2	109°0										
112°0	108°2	110°1	109°6	109°0	108°8										
111°8	108°7	109°2	109°8	109°0	108°8										
111°6	108°9	108°5	109°8	108°8	108°8										

HORIZONTAL FORCE.						Change in the Magnetic moment of the Bar for 1° Fah°. = '000093.									
102°1	101°2	102°1	103°2	102°2	101°8										
102°1	101°4	102°1	103°4	102°0	102°0										
102°2	101°7	102°1	103°4	102°0	101°8										
102°2	101°7	102°2	103°2	101°8	101°8										
102°2	101°2	102°2	103°0	101°8	101°8										
102°1	101°1	102°2	102°8	101°7	101°8										
102°0	101°0	102°3	103°2	101°8	102°0										
102°0	101°0	102°4	102°8	101°8	102°2										
101°9	101°0	102°6	102°8	101°6	102°0										
101°8	101°8	102°6	102°6	101°5	102°0										
101°6	101°8	102°9	102°4	101°6	101°8										
101°2	102°0	103°0	102°4	101°8	101°8										
57°2	57°4	57°6	57°3	57°2	57°2										

Induction Inclinometer, one Sc. Div. = 0' 502 ; p. = 4° 8297 ; u. = 14° 22'.											
54°3	53°9	54°0	54°7	53°9	53°7						
54°4	53°9	54°2	54°9	53°9	53°9						
54°4	54°0	54°4	54°7	53°9	53°9						
54°5	54°0	54°2	54°7	53°9	53°5						
54°5	53°9	54°1	54°7	53°7	53°7						
54°4	53°7	54°3	54°5	53°7	53°7						
54°2	53°6	54°3	54°3	53°7	53°7						
54°1	53°4	54°4	54°1	53°7	53°9						
54°1	53°6	54°4	54°3	53°7	53°9						
54°0	53°8	54°5	53°9	53°7	53°9						
53°9	53°9	54°6	53°7	53°5	53°9						
53°6	53°8	54°4	53°9	53°7	53°9						
58°0	58°0	58°0	57°6	57°8	57°6						

increasing Horizontal Force, and decreasing Inclination.

METEOROLOGICAL OBSERVATIONS.									
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.
				Dry.	Wet.	Direction.	Force.		
D.	H.	M.	In.	°	°				
19	19	0	30°307	59°0	52°0	S.S.W.	Light.	0°0	Cloudless ; fine and settled.
	20	0	30°313	56°5	51°0	S.S.W.	Light air.	0°0	Cloudless ; fine and settled.
	21	0	30°319	53°8	49°2	S.S.W.	Light air.	0°2	Clouds ; filmy in places.
	22	0	30°336	52°4	48°8	N.W.	Light air.	0°2	Fleecy cir. ; filmy clouds.
	23	0	30°347	51°2	48°2	N.W.	Light air.	0°2	Fleecy cir. ; filmy clouds.
20	0	0	30°366	50°1	47°5	N.	Light air.	0°1	Night clear, with cir.-cum.
	1	0	30°373	50°0	47°4	N.	Gentle.	0°1	Night clear, with cir.-cum.
	2	0	30°369	49°0	46°8	N.W. by N.	Moderate.	0°0	Night bright and cloudless.

May 26th and 27th.			MAGNETICAL OBSERVATIONS.									
Mean Göttingen Time.			Angular Value of one Scale Division = 0' 502.					DECLINATION.				
			10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .
M.	S.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
0	0	108.5	106.2	104.0	105.0	105.8	109.2	112.5	115.2	115.5	113.0	116.0
5	0	108.1	105.8	104.2	104.8	105.8	109.2	112.5	115.8	114.2	113.8	114.8
10	0	107.8	105.4	104.2	104.8	106.5	111.5	112.9	115.8	112.8	114.4	114.8
15	0	107.5	105.9	104.4	104.5	106.8	112.2	113.1	115.8	110.7	114.2	117.7
20	0	107.2	105.8	104.3	104.7	107.2	111.8	113.3	115.5	110.2	114.2	120.8
25	0	107.2	105.6	104.4	104.3	107.3	111.2	113.7	116.0	109.8	113.2	119.2
30	0	107.0	105.2	104.2	105.0	107.3	111.3	114.0	115.8	110.0	113.7	116.9
35	0	106.9	105.1	103.9	105.2	108.0	113.0	113.8	115.2	110.5	113.8	117.0
40	0	106.8	105.0	103.9	105.2	108.2	113.0	114.2	115.7	111.0	113.7	115.7
45	0	106.2	105.0	104.0	105.5	108.3	112.5	114.2	115.2	111.2	114.2	117.7
50	0	106.2	105.0	104.0	105.7	109.5	112.5	115.3	115.2	111.3	114.2	119.0
55	0	106.2	104.7	104.0	105.8	109.8	112.6	115.8	115.8	111.8	114.8	119.0

M. S.		One Scale Division = .000190 parts of the H. F.					HORIZONTAL FORCE.					
2	30	206.9	207.9	207.9	207.0	205.2	204.5	202.3	204.6	200.8	201.3	198.8
7	30	207.2	207.8	207.9	206.5	205.7	205.0	202.2	204.6	199.8	201.5	198.3
12	30	207.5	208.2	207.9	206.3	205.5	205.5	202.0	205.7	198.8	200.5	199.5
17	30	207.6	208.1	207.9	206.0	205.5	205.7	202.2	205.0	197.8	200.0	197.7
22	30	207.7	208.1	207.8	205.8	205.3	204.8	202.3	205.2	197.5	199.8	195.5
27	30	207.7	208.1	207.7	205.8	204.8	204.8	202.8	205.2	198.0	199.0	194.7
32	30	207.8	208.1	207.4	206.0	204.7	204.8	203.0	205.0	199.0	199.3	195.4
37	30	208.0	208.0	207.2	205.7	205.0	204.6	203.0	204.7	199.8	199.8	196.4
42	30	207.9	208.1	207.0	205.5	205.5	203.9	203.2	204.2	200.5	199.8	198.0
47	30	207.9	208.0	207.0	205.8	205.8	203.3	204.6	202.8	200.7	199.8	199.1
52	30	207.9	207.8	207.0	205.7	205.2	203.0	205.0	202.1	200.8	200.0	199.9
57	30	207.9	207.8	207.0	205.8	204.3	202.8	204.2	201.3	200.8	200.2	198.8

Thermometer		47.6	47.1	46.8	46.8	46.5	46.5	46.6	46.8	47.1	47.3	47.8
M.	S.	Induction Inclinometer, one Sc. Div. = 0' 502; p. = 4.8297; u. = 14° 22'.										
0	0	55.8	56.9	56.4	55.5	55.0	54.4	53.4	54.7	52.6	52.3	51.9
5	0	56.1	56.5	56.5	55.3	54.6	54.6	53.6	54.5	52.1	52.3	51.1
10	0	56.4	56.6	56.1	55.1	54.8	54.9	53.2	54.5	51.5	52.5	51.3
15	0	56.6	56.5	56.3	55.3	54.8	55.1	53.0	54.8	50.6	51.9	50.9
20	0	56.7	56.4	56.1	54.7	54.7	54.6	53.1	54.7	50.9	51.9	50.3
25	0	56.7	56.5	56.1	55.0	54.6	54.1	53.2	55.1	50.8	51.7	49.7
30	0	56.7	56.7	56.1	54.9	54.3	54.0	53.4	55.0	51.1	51.4	49.4
35	0	56.6	56.7	56.0	55.1	54.3	54.3	53.6	54.9	52.2	51.8	49.8
40	0	56.6	56.6	56.3	54.9	54.7	54.1	53.7	54.4	52.3	51.6	51.0
45	0	56.9	56.5	55.9	54.8	54.8	53.9	54.1	53.7	52.1	51.9	51.1
50	0	56.9	56.4	55.9	54.6	54.8	53.6	54.8	53.7	52.3	51.9	50.9
55	0	56.9	56.1	55.5	55.0	54.5	53.7	54.8	53.1	52.1	51.8	52.1

Thermometer		48.1	47.6	47.4	47.7	47.5	47.5	47.7	48.0	48.3	48.8	49.2
Increasing Numbers denote increasing easterly Declination.												

METEOROLOGICAL OBSERVATIONS.												
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.			
				Dry.	Wet.	Direction.	Force.					
D.	H.	M.	In	°	°							
26	10	0	30.006	38.0	38.0	N.W.	Gentle.	1.0	Clouds soft and gloomy.			
	11	0	29.990	38.7	38.5	N.N.W.	Gentle.	1.0	Clouds soft and gloomy.			
	12	0	29.955	40.6	40.2	N.	Light.	1.0	Overcast and gloomy.			
	13	0	29.936	41.5	41.1	N.N.W.	Light air.	1.0	Overcast, with drizzling rain.			
	14	0	29.910	42.5	42.0	N.	Light air.	1.0	Overcast; very gloomy, with mist.			
	15	0	29.858	42.7	42.5	N. by E.	Light air.	1.0	Rain, with a damp atmosphere.			
	16	0	29.806	43.6	43.2	N. by E.	Light air.	1.0	Overcast and gloomy; rain.			
	17	0	29.744	45.8	45.2	S.S.E.	Light.	1.0	Overcast and gloomy; rain.			
	18	0	29.705	48.8	48.5	S.	Gentle.	1.0	Overcast and gloomy; rain.			
	19	0	29.670	49.2	49.2	S.	Light.	1.0	Heavy rain.			
	20	0	29.604	48.8	48.8	S.S.W.	Light.	1.0	Continued rain; dark and gloomy.			
	21	0	29.538	49.7	49.2	S.S.W.	Moderate.	1.0	Dark and overcast; little rain.			

MAGNETICAL OBSERVATIONS.

May 26th and 27th.

DECLINATION.

Angular Value of one Scale Division = 0'502.

21 ^h	22 ^h	23 ^h	0 ^h	1 ^h	2 ^h	3 ^h	4 ^h	5 ^h	6 ^h	7 ^h	8 ^h	9 ^h
Sc. Div. 118.7	Sc. Div. 109.4	Sc. Div. 107.5	Sc. Div. 106.3	Sc. Div. 104.7	Sc. Div. 88.0	Sc. Div. 100.2	Sc. Div. 104.0	Sc. Div. 103.2	Sc. Div. 114.0	Sc. Div. 106.0	Sc. Div. 105.7	Sc. Div. 108.0
116.8	107.8	107.0	106.3	103.7	88.9	100.2	102.2	103.2	113.5	105.2	105.9	108.0
117.4	107.1	107.0	106.2	103.0	91.1	100.2	100.5	103.5	113.2	104.2	106.3	107.7
116.0	106.2	106.9	106.2	102.3	95.5	99.7	99.3	103.5	112.8	104.3	106.4	108.8
114.5	106.2	107.0	105.0	97.0	98.0	99.0	99.8	103.8	112.2	104.0	106.8	107.0
113.3	106.7	106.9	104.3	92.0	99.0	98.3	100.5	103.8	111.0	103.5	107.0	106.3
113.0	107.0	106.5	104.2	88.0	100.7	99.0	101.2	105.5	110.0	103.0	107.8	106.5
112.6	107.5	106.8	103.8	76.2	101.7	101.4	101.9	109.2	109.5	104.0	105.9	108.5
111.2	107.2	106.7	103.3	73.2	100.9	104.6	102.5	112.0	109.0	104.9	106.0	108.5
111.1	107.0	106.9	103.3	77.0	101.7	106.0	103.1	112.8	108.2	105.2	106.3	108.0
110.3	106.9	106.8	103.3	80.5	101.6	105.9	103.8	113.8	107.0	105.0	106.4	107.0
110.5	107.2	106.8	104.0	86.1	101.0	104.9	104.0	114.8	106.5	105.0	107.7	107.3

HORIZONTAL FORCE.

Change in the Magnetic moment of the Bar for 1° Fahr. = .000093.

197.2	200.8	204.0	200.8	198.3	203.4	198.0	202.9	201.2	200.2	204.2	203.5	203.0
197.3	—	204.0	200.8	198.0	200.8	199.0	201.1	201.2	200.8	204.0	204.0	202.9
196.1	201.8	203.7	201.2	198.0	199.8	198.8	200.1	201.2	201.5	204.3	203.6	203.6
195.2	202.6	—	201.3	199.8	197.3	198.1	200.0	201.0	202.5	204.0	203.4	203.5
196.4	203.1	203.0	200.7	203.0	196.3	198.1	199.8	201.0	203.5	203.8	202.3	203.5
198.2	203.7	203.0	199.8	203.8	197.2	198.2	200.0	200.5	—	204.2	202.2	203.3
198.1	204.1	201.8	199.7	204.3	198.5	198.2	200.0	200.2	203.8	204.7	202.2	203.3
198.3	204.7	—	198.8	204.7	198.1	199.3	200.0	200.0	203.8	205.5	203.0	203.8
199.6	204.7	200.3	198.3	212.0	198.2	199.8	199.7	199.8	203.5	205.7	203.8	203.8
199.6	204.5	200.8	198.4	212.8	198.2	201.8	200.2	200.0	203.5	204.8	204.3	202.9
200.6	204.6	200.8	198.0	211.0	197.9	203.2	200.4	200.0	203.7	204.0	203.8	203.7
201.0	204.2	200.5	198.3	207.0	197.6	203.5	201.0	200.0	203.8	203.8	203.3	203.6
48.1	48.4	48.6	48.6	48.7	48.7	48.7	48.8	48.8	48.7	48.7	48.8	48.8

Induction Inclinometer, one Sc. Div. = 0'502; p. = 4.8297; u. = 14° 22'.

51.3	53.0	54.7	52.9	51.4	55.1	50.9	54.2	53.4	52.9	55.1	55.1	54.9
51.0	52.9	54.7	52.9	51.4	53.5	51.1	53.9	53.6	53.4	55.2	55.0	54.3
50.9	53.2	54.5	53.1	51.6	52.4	51.9	53.1	53.3	53.4	55.1	55.1	54.7
49.9	53.8	54.3	53.2	52.3	51.5	51.7	52.5	53.4	53.8	55.3	54.9	55.0
50.0	54.1	54.1	53.9	52.7	50.1	51.1	52.4	53.3	54.7	55.6	54.2	54.5
50.9	54.4	53.9	52.6	54.1	50.1	51.6	52.5	53.3	54.9	56.1	54.4	54.8
51.4	54.1	53.8	52.7	53.4	51.3	51.1	52.9	54.1	54.9	55.3	54.3	54.6
51.4	54.9	52.9	52.1	53.7	51.5	52.2	52.7	52.4	54.8	55.6	54.0	54.9
51.9	55.1	52.6	51.8	57.1	51.3	52.2	52.5	52.4	54.7	55.9	55.1	55.1
52.3	54.9	53.0	52.0	59.1	51.5	52.9	52.8	52.8	54.9	56.1	54.9	54.1
52.6	55.0	52.8	51.8	58.9	51.4	54.0	52.6	53.0	54.9	55.2	55.2	54.3
52.9	55.0	52.5	51.8	58.0	51.1	54.3	53.1	52.5	55.1	55.1	54.8	55.1
49.6	49.7	49.7	49.8	49.7	49.7	49.6	49.6	49.7	49.7	49.8	49.8	49.8

increasing Horizontal Force, and decreasing Inclination.

METEOROLOGICAL OBSERVATIONS.

Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.
D.	H.	M.		Dry.	Wet.	Direction.	Force.		
26	22	0	In. 29.516	° 49.5	° 49.3	W.	Gentle.	1.0	Thick misty rain.
	23	0	29.502	47.7	47.6	N.	Moderate.	0.5	Rain ceased; clearing up.
27	0	0	29.484	46.0	46.0	N.N.W.	Moderate.	0.0	Clear starlight night.
	1	0	29.474	45.9	45.6	N.N.W.	Fresh.	0.1	Clear starlight night.
	2	0	29.458	45.8	45.2	N.N.W.	Strong.	0.0	Night clear and fine; strong breeze.
	3	0	29.446	46.2	45.2	N.	Strong.	0.0	A few patches of cloud, otherwise clear.
	4	0	29.444	45.6	44.5	N.	Strong.	0.0	A few patches of cloud, otherwise clear.
	5	0	29.461	46.5	44.8	N.	Moderate gale.	0.3	A few patches of cloud, otherwise clear.
	6	0	29.483	47.2	45.2	N.N.W.	Fresh.	0.5	More settled.
	7	0	29.501	48.0	45.5	N.N.W.	Fresh.	0.5	More settled.
	8	0	29.526	48.0	44.7	N.N.W.	Strong.	0.2	Morning fine and clear.
	9	0	29.552	48.1	44.7	N. by W.	Strong.	0.3	Morning fine and clear.

June 21st and 22d.			MAGNETICAL OBSERVATIONS.										
Mean Göttingen Time.			Angular Value of one Scale Division = 0' 502.					DECLINATION.					
			10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
M.	s.		Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
0	0		116.8	111.8	104.8	105.2	102.8	108.0	111.8	114.2	112.3	111.0	110.9
5	0		113.8	110.0	104.6	103.8	106.5	107.1	113.8	113.7	113.5	111.2	110.6
10	0		111.1	110.0	105.4	105.2	106.6	106.6	112.0	114.5	113.0	110.2	112.0
15	0		110.0	109.0	104.8	104.0	106.6	106.2	110.8	114.3	112.3	110.0	112.4
20	0		109.0	108.0	102.0	101.8	108.7	107.2	110.0	112.5	111.8	110.4	111.6
25	0		109.0	107.8	106.0	103.0	107.1	109.8	109.3	112.2	111.8	111.0	112.2
30	0		109.0	107.0	105.6	104.0	106.0	110.0	109.3	112.2	111.8	112.0	113.2
35	0		100.0	107.0	106.8	104.0	106.9	111.4	110.3	112.7	111.8	111.8	113.4
40	0		109.2	105.3	105.0	106.6	107.6	110.5	111.0	114.5	111.3	111.8	114.8
45	0		108.2	105.0	104.2	106.2	107.0	111.6	111.3	115.2	110.5	111.3	114.8
50	0		109.3	104.0	105.0	104.2	107.2	113.9	111.8	114.0	110.8	110.8	114.8
55	0		109.1	104.8	104.0	103.8	107.6	114.0	113.5	113.2	111.0	109.8	114.4
M.			One Scale Division = .000190 parts of the H. F.			HORIZONTAL FORCE.							
			s.										
2	30		214.4	213.3	208.0	204.4	201.8	199.4	196.9	198.5	199.0	201.3	198.8
7	30		213.5	212.5	208.4	205.7	202.7	198.6	196.2	198.8	197.8	201.0	199.7
12	30		211.8	211.0	207.7	204.6	201.3	197.2	195.8	199.0	196.8	200.5	200.0
17	30		211.8	210.0	206.8	203.7	201.8	197.8	195.1	198.7	196.3	200.3	198.8
22	30		211.0	209.0	208.6	203.2	200.7	199.7	195.5	198.7	197.9	201.2	197.8
27	30		210.2	208.0	208.4	204.0	200.0	199.8	195.7	198.5	198.9	201.1	196.8
32	30		210.0	208.0	208.0	204.4	199.1	200.5	196.0	198.3	199.2	199.0	196.2
37	30		209.8	208.0	206.6	205.2	199.6	200.0	197.1	199.2	199.6	198.3	195.8
42	30		210.0	207.5	206.4	203.5	199.1	199.7	196.7	200.2	199.8	196.3	195.7
47	30		211.2	207.1	205.8	202.2	198.3	200.5	196.8	199.5	200.0	195.9	196.2
52	30		212.4	207.5	206.0	201.0	198.7	199.6	197.2	198.7	201.0	197.0	196.8
57	30		212.5	208.0	205.7	200.6	198.9	197.8	199.0	198.5	201.7	199.1	195.6
Thermometer			46.5	46.6	46.6	46.2	46.5	46.9	47.5	48.0	48.3	48.4	48.2
M.			Induction Inclinometer, one Sc. Div. = 0' 502; p. = 4.8297; u. = 14° 22'.										
			s.										
0	0		60.3	60.1	57.3	56.3	52.9	51.7	52.1	53.2	53.8	55.1	53.4
5	0		60.0	59.9	57.3	55.5	54.1	52.6	52.0	52.9	53.7	55.1	53.7
10	0		59.0	58.7	57.5	55.9	53.8	52.0	51.8	53.4	53.1	54.9	54.1
15	0		59.1	58.9	56.3	54.7	53.4	52.0	51.3	53.5	52.5	55.1	54.3
20	0		59.1	58.1	56.9	55.3	53.5	52.9	51.3	53.1	52.5	54.7	53.1
25	0		59.2	58.1	57.7	55.1	52.7	53.4	51.3	52.9	54.0	54.8	52.5
30	0		58.9	57.1	57.3	55.1	52.5	53.7	51.6	52.9	54.0	54.0	52.1
35	0		58.1	56.9	57.3	55.1	52.2	53.8	51.5	53.2	54.3	53.6	51.7
40	0		58.1	57.0	57.1	55.1	52.3	53.4	52.2	53.8	54.1	53.1	51.5
45	0		58.6	57.1	56.9	54.3	52.1	53.7	52.1	53.9	54.5	52.1	51.7
50	0		59.0	57.1	56.1	53.1	51.9	53.9	52.5	54.1	55.3	52.1	52.0
55	0		59.5	57.0	56.5	52.9	51.5	53.1	53.1	53.7	55.1	53.0	51.5
Thermometer			47.7	47.8	47.6	47.6	48.0	48.7	49.3	50.0	50.1	49.7	49.2
Increasing Numbers denote increasing easterly Declination.													
METEOROLOGICAL OBSERVATIONS.													
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.				
				Dry.	Wet.	Direction.	Force.						
D.	H.	M.	In.	°	°								
21	10	0	29.849	43.7	41.8	N.N.W.	Light.	0.8	Cum. generally spread.				
	11	0	29.840	43.0	41.8	N.N.W.	Light.	0.8	Cum. generally spread.				
	12	0	29.814	43.3	42.0	N.N.W.	Light air	0.8	Generally overcast, and nearly calm.				
	13	0	29.782	44.2	42.6	N. by W.	Light.	0.8	Generally overcast, and nearly calm.				
	14	0	29.736	47.6	45.0	N.N.W.	Gentle breeze	0.8	Light cum.-strat. overspread.				
	15	0	29.673	50.1	47.2	N.	Light.	0.8	Clouds broken, and dispersing into cirrus forms.				
	16	0	29.599	52.3	49.0	N.	Moderate.	—	Clouds broken, and dispersing into cirrus forms.				
	17	0	29.557	53.8	49.2	N.N.W.	Moderate.	—	Very unsettled in N.W.; rain squalls commenced.				
	18	0	29.608	51.4	47.3	W.S.W.	Fresh.	0.8	Sky very gloomy and unsettled; rain partly ceased.				
	19	0	29.629	47.3	44.0	N. by W.	Moderate.	0.7	Wild looking and unsettled.				
	20	0	29.630	46.0	43.0	N. by W.	Fresh.	0.4	Finer.				
	21	0	29.675	45.6	42.4	W.S.W.	Strong.	0.1	Cloudless; fresh breeze, with squalls.				
	22	0	29.731	45.0	42.2	S.W.	Strong.	1.0	Overcast and gloomy; frequent squalls of rain.				
	23	0	29.756	46.4	41.4	W.	Strong gale.	1.0	Overcast and gloomy, with a very unsettled appearance.				

MAGNETICAL OBSERVATIONS.												
												June 21st and 22d.
DECLINATION.						Angular Value of one Scale Division = 0'502.						
21h.	22h.	23h.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
113'6	103'4	109'1	100'7	97'2	102'0	104'3	105'3	114'0	108'8	111'6	108'1	115'2
113'8	108'3	108'1	100'8	98'2	102'0	104'5	103'6	111'8	108'6	112'0	108'0	115'0
114'0	109'0	107'7	100'3	95'8	101'6	104'8	103'6	108'4	104'9	112'0	108'2	114'8
113'4	111'0	105'8	99'2	96'2	101'8	104'5	104'0	105'0	103'0	112'8	108'8	115'8
112'6	111'9	104'0	97'3	100'8	101'2	105'0	106'0	104'0	102'8	113'0	108'2	118'1
112'6	116'6	100'4	98'0	102'7	100'2	106'0	103'4	103'2	103'2	112'0	108'0	119'0
111'6	113'2	95'0	98'8	106'0	100'0	106'2	110'4	102'6	103'1	109'8	108'6	121'0
109'2	112'0	90'5	100'7	106'1	100'0	106'3	112'2	104'4	104'2	109'5	109'2	122'2
109'6	111'7	93'1	100'2	106'2	102'0	106'7	112'0	106'4	105'6	110'2	110'8	124'2
109'4	110'4	97'0	99'7	105'8	102'5	107'0	111'8	107'6	107'0	111'4	111'8	124'7
109'8	109'4	99'3	98'3	105'0	103'0	107'0	112'0	107'0	108'7	109'5	112'8	124'0
109'6	108'3	99'8	97'7	102'3	104'5	106'0	112'2	107'2	110'3	108'6	114'8	123'0

HORIZONTAL FORCE.												
												Change in the Magnetic moment of the Bar for 1° Fah°. = '000093.
195'0	192'3	191'3	200'1	201'2	202'7	200'0	201'4	206'8	210'0	199'7	201'2	204'0
194'6	193'2	191'3	199'0	202'7	202'2	199'8	201'0	206'5	209'2	200'1	201'8	203'3
194'4	194'8	192'1	198'2	205'2	201'3	200'0	201'0	206'3	209'2	201'0	201'2	202'8
194'4	193'5	192'1	198'7	208'0	201'0	200'6	200'8	206'8	209'8	201'8	201'2	201'6
194'8	195'1	192'6	199'2	208'8	200'0	200'0	201'0	207'0	209'5	203'1	201'2	200'0
193'4	191'9	191'1	199'7	208'0	197'8	200'0	201'0	207'2	—	203'7	201'0	200'0
192'4	191'4	191'9	200'2	207'8	198'0	200'5	202'0	207'2	205'6	204'7	201'8	201'7
192'8	192'0	196'8	199'8	205'2	198'2	201'1	203'2	207'4	204'2	—	202'5	203'8
193'0	192'3	200'0	199'2	204'0	198'5	201'0	203'8	207'7	202'7	205'1	203'2	205'2
193'4	192'0	200'4	198'8	202'5	198'2	202'0	204'3	207'8	201'5	203'2	203'8	206'2
192'8	191'7	201'5	199'2	202'0	199'0	202'2	205'2	208'7	200'5	202'0	204'0	206'2
192'2	192'2	201'5	200'2	202'0	199'5	202'2	206'4	209'7	200'0	201'3	204'2	206'2
48'2	48'3	48'5	48'2	48'0	47'8	47'8	47'8	48'0	47'8	47'6	47'5	47'2

Induction Inclinometer, one Sc. Div. = 0'502; p. = 4'8297; u. = 14° 22'.												
51'2	49'8	49'8	54'9	54'9	54'8	52'8	54'6	56'7	58'8	53'3	54'2	55'9
51'3	50'3	49'2	53'8	54'7	54'8	53'0	53'9	56'1	58'7	53'2	54'3	55'9
50'7	50'9	49'4	53'3	55'3	54'9	53'0	54'1	57'1	58'2	53'6	54'1	55'5
50'5	50'8	49'9	52'9	56'9	54'1	53'1	54'1	56'9	59'0	54'1	54'1	55'1
51'1	50'7	49'9	53'5	58'1	53'7	53'6	54'1	57'1	59'0	54'4	54'0	54'3
50'5	50'4	49'8	53'4	58'1	53'1	53'2	54'1	57'3	58'0	55'1	54'1	53'9
49'7	49'4	49'1	53'6	57'9	52'2	53'4	54'2	57'5	57'1	56'1	54'3	54'1
49'9	49'5	50'0	53'9	57'0	52'6	53'7	54'7	57'5	56'3	56'2	54'7	54'7
50'1	49'6	52'6	54'1	56'4	52'6	53'6	55'1	57'5	55'5	56'2	54'8	56'6
50'3	49'8	53'6	53'2	55'5	52'4	54'1	55'5	57'5	54'6	56'2	55'1	57'1
50'3	49'7	54'1	53'0	54'9	52'8	54'4	55'7	57'9	54'2	54'9	55'5	57'1
49'9	49'7	54'5	53'4	55'0	52'6	54'3	56'3	58'3	53'9	54'6	55'5	57'3
49'4	49'5	49'5	49'2	48'8	48'9	48'9	48'8	48'8	48'5	48'3	48'2	48'2

increasing Horizontal Force, and decreasing Inclination.

METEOROLOGICAL OBSERVATIONS.												
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.			
				Dry.	Wet.	Direction.	Force.					
D.	H.	M.	In.	°	°							
22	0	0	29'788	46'3	41'0	S.W.	Moderate gale.	0'7	Squally, with intervals of clear sky.			
	1	0	29'837	46'0	40'5	S.W.	Moderate gale.	0'6	Squally, with intervals of clear sky.			
	2	0	29'857	45'5	40'0	S.W.	Fresh.	0'4	Squally, with intervals of clear sky.			
	3	0	29'888	44'9	40'0	W.S.W.	Moderate.	0'5	Squally, with intervals of clear sky.			
	4	0	29'910	44'2	39'8	S.W.	Moderate.	0'7	Weather squally and unsettled.			
	5	0	29'934	44'6	39'4	S.W.	Strong.	0'8	Heavy squalls and showers.			
	6	0	29'965	41'6	39'0	S.W.	Moderate gale.	0'7	Squally; sky cloudy and clear at intervals, with moderate showers of rain.			
	7	0	29'980	41'2	39'0	S.S.W.	Fresh gale.	1'0	Squally; sky cloudy and clear at intervals, with moderate showers of rain.			
	8	0	30'008	42'1	39'0	S.S.W.	Moderate gale.	0'6	Passing squalls of rain.			
	9	0	30'048	41'2	38'7	S.W.	Fresh.	0'6	Passing squalls of rain.			
	10	0	30'092	40'5	38'5	S.W.	Moderate gale.	—	Passing squalls of rain, with cold raw atmosphere.			

July 19th and 20th.			MAGNETICAL OBSERVATIONS.										
Mean Göttingen Time.			Angular Value of one Scale Division = 0'' 502.					DECLINATION.					
			10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
M.	s.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
0	0	108'9	108'0	105'0	101'8	104'8	111'2	111'7	113'3	116'0	112'0	109'2	
5	0	107'2	108'2	104'7	102'4	104'6	111'0	112'0	114'5	115'8	111'5	109'0	
10	0	107'5	106'3	104'9	103'0	105'0	109'8	112'2	115'0	115'2	111'3	109'0	
15	0	108'0	107'1	103'3	103'0	105'4	112'4	112'2	115'7	115'2	111'2	109'2	
20	0	109'0	107'0	104'5	103'0	105'2	113'0	112'0	116'4	114'7	111'0	109'2	
25	0	108'5	106'3	103'1	103'2	105'8	110'5	111'8	116'2	114'5	110'6	109'0	
30	0	110'1	106'0	102'9	104'0	106'4	110'0	112'0	116'0	113'9	110'2	109'0	
35	0	108'2	105'4	102'1	103'8	107'2	108'6	111'8	115'6	113'6	110'1	108'2	
40	0	108'1	106'6	102'5	103'3	108'0	109'0	111'2	115'2	113'3	109'3	108'8	
45	0	106'9	105'8	102'4	102'2	109'4	110'8	111'7	115'3	112'9	109'2	108'9	
50	0	107'0	103'9	102'0	103'0	109'7	110'8	111'8	115'2	112'2	109'2	109'2	
55	0	107'2	105'1	102'0	104'0	100'4	111'3	112'5	115'5	112'0	109'2	109'0	
			One Scale Division = .000190 parts of the H. F.					HORIZONTAL FORCE.					
M.	s.												
2	30	210'3	210'2	207'8	204'8	201'8	197'4	195'8	196'8	200'0	204'5	207'0	
7	30	211'0	209'4	207'5	204'4	201'0	197'6	196'2	197'3	200'0	204'7	207'0	
12	30	212'0	209'7	206'0	204'0	200'8	198'0	196'0	198'0	200'8	204'9	207'0	
17	30	212'4	209'4	207'7	203'8	200'6	198'2	195'8	198'1	200'7	205'2	207'0	
22	30	212'9	208'9	206'0	204'0	200'0	196'2	195'5	198'0	200'9	205'6	207'1	
27	30	212'2	209'5	205'7	204'0	199'7	195'8	195'0	197'5	201'4	205'8	207'0	
32	30	211'7	209'2	205'7	203'2	199'4	195'4	195'3	197'2	201'9	206'0	207'2	
37	30	210'8	209'7	205'6	203'2	199'0	195'4	195'2	197'5	202'4	206'3	207'0	
42	30	210'5	209'0	205'6	202'2	198'8	195'6	195'8	197'5	202'7	206'7	207'2	
47	30	211'2	208'8	205'0	202'0	197'6	195'8	196'2	197'8	203'1	206'7	207'0	
52	30	210'5	208'5	205'0	202'2	197'7	196'2	196'6	198'8	203'6	205'8	207'2	
57	30	210'3	207'8	205'0	202'4	197'6	195'8	196'7	199'3	204'0	207'0	207'4	
Thermometer			42'0	41'8	41'7	42'0	42'5	43'0	44'0	44'2	44'3	44'6	44'8
			Induction Inclinometer, one Sc. Div. = 0' 502; p. = 4' 8297; u. = 14° 22'.										
M.	s.												
0	0	55'6	55'2	53'6	51'3	50'7	45'9	51'1	51'8	52'4	54'3	55'7	
5	0	55'9	55'2	53'9	51'7	50'3	46'7	51'3	51'6	52'5	54'5	55'8	
10	0	56'2	54'8	53'0	50'5	50'1	48'7	51'7	51'8	52'7	54'8	55'7	
15	0	56'4	55'0	53'4	50'3	50'5	47'1	51'4	51'8	52'9	54'9	55'7	
20	0	56'6	54'7	52'6	50'1	49'7	47'5	51'2	52'4	52'8	55'0	55'6	
25	0	56'3	54'7	52'8	51'1	49'7	48'2	51'1	51'9	53'2	55'1	55'7	
30	0	56'6	54'5	52'3	50'9	49'5	49'1	51'1	51'8	53'2	55'3	55'2	
35	0	56'0	54'5	52'7	51'1	48'7	49'1	51'1	51'5	53'5	55'3	56'1	
40	0	55'8	54'5	52'6	51'0	47'9	50'9	51'1	51'7	53'7	56'8	55'3	
45	0	55'4	54'2	51'9	50'9	46'3	51'1	51'2	51'6	53'8	56'7	55'4	
50	0	55'6	53'5	51'9	50'9	46'4	51'5	51'5	51'9	54'0	56'5	55'7	
55	0	55'0	54'1	51'9	50'9	46'6	51'5	51'8	52'4	54'2	55'8	55'4	
Thermometer			42'8	42'9	43'0	44'2	45'0	46'0	46'6	46'5	46'3	46'3	46'3
Increasing Numbers denote increasing easterly Declination.													
METEOROLOGICAL OBSERVATIONS.													
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.				
				Dry.	Wet.	Direction.	Force.						
D.	H.	M.	In.	°	°								
19	10	0	30'309	34'1	32'4	N.W. by N.	Gentle.	0'3	Clear and fine.				
	11	0	30'305	35'3	34'0	N.W. by N.	Light.	0'3	Clear and fine.				
	12	0	30'311	38'5	36'3	N.W. by N.	Moderate.	0'3	Clear and fine.				
	13	0	30'307	41'8	39'4	N.N.W.	Gentle.	0'6	Light cum. and cir.-cum. spread.				
	14	0	30'288	45'0	41'6	N. by W.	Moderate.	0'4	Fine, with cum. and cir.-cum.				
	15	0	30'263	47'6	43'8	N.W. by N.	Gentle.	0'3	Fine, with cum. and cir.-cum.				
	16	0	30'249	49'4	45'0	N. by W.	Gentle.	0'6	Cir.-cum. spreading over the sky.				
	17	0	30'241	48'8	44'5	N.W. by N.	Light.	1'0	Overcast clouds hanging sluggishly about the sky.				
	18	0	30'249	48'5	44'5	S.S.W.	Gentle.	0'8	Clouds a little broken since the wind changed.				
	19	0	30'263	46'7	44'7	S.S.E.	Gentle.	0'9	Cloudy, with misty rain.				
	20	0	30'265	45'2	44'0	S.S.E.	Light.	0'9	Cloudy, with occasional light showers.				
	21	0	30'275	43'8	41'8	S.	Gentle.	0'0	Sky perfectly clear and cloudless.				

MAGNETICAL OBSERVATIONS. July 19th and 20th.

DECLINATION. Angular Value of one Scale Division = 0' 502.

21h.	22h.	23h.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.
Sc. Div. 109°0	Sc. Div. 109°0	Sc. Div. 107°7	Sc. Div. 102°8	Sc. Div. 100°8	Sc. Div. 105°2	Sc. Div. 105°5	Sc. Div. 106°4	Sc. Div. 108°2	Sc. Div. 108°0	Sc. Div. 108°2	Sc. Div. 107°8	Sc. Div. 107°0
109°2	108°8	107°4	100°8	100°7	105°2	105°9	106°2	108°0	107°8	108°2	107°8	107°0
109°0	108°6	107°6	100°3	100°8	105°0	106°0	106°3	108°0	108°0	108°0	107°8	107°0
109°1	108°6	107°6	100°5	101°3	104°1	106°2	106°3	108°0	108°0	108°0	107°8	106°8
109°2	108°6	107°6	100°5	104°2	104°7	106°3	106°8	107°8	107°0	108°0	107°8	106°8
109°2	108°2	107°6	102°8	104°7	105°0	106°3	107°0	107°8	108°6	108°0	107°8	106°8
109°0	108°2	107°6	103°2	105°0	105°5	106°8	107°2	107°9	109°0	108°0	107°8	106°8
109°0	108°2	107°6	103°3	104°8	106°2	106°8	107°7	107°9	108°6	108°2	107°5	106°8
109°0	108°2	107°6	103°8	104°3	106°8	106°1	108°0	108°0	108°0	108°2	107°3	106°8
109°0	108°0	107°6	102°2	104°2	106°3	105°9	108°2	107°8	108°2	108°0	107°3	106°5
108°8	108°0	107°4	102°2	104°0	105°2	106°2	108°2	108°0	108°2	107°8	107°3	106°8
108°8	107°8	104°8	101°0	104°2	105°1	106°6	108°2	108°0	108°2	107°8	107°3	106°8

HORIZONTAL FORCE. Change in the Magnetic moment of the Bar for 1° Fah°. = '000093.

207°7	207°7	207°4	205°7	205°2	204°9	205°7	206°0	200°6	207°0	208°2	208°8	209°0
207°2	207°8	207°4	206°0	205°2	204°9	205°8	206°0	206°0	206°9	208°2	208°8	209°0
207°3	207°8	207°2	206°0	205°3	204°5	205°8	206°0	206°2	207°0	208°2	208°8	209°2
207°4	207°8	207°0	206°0	205°0	204°6	—	205°8	206°2	206°8	208°4	208°8	209°0
207°4	207°8	206°8	205°8	204°3	204°6	206°1	206°0	206°2	207°0	208°4	208°8	209°0
207°6	207°6	206°8	205°0	204°2	204°7	206°6	206°0	206°1	207°2	208°4	208°8	208°8
207°8	207°6	206°6	204°8	204°2	205°2	206°0	206°0	206°0	207°0	208°4	209°0	208°8
207°8	207°6	206°6	204°8	204°5	205°2	205°9	206°2	206°2	207°4	208°4	209°0	208°8
207°7	207°5	206°4	204°7	204°5	205°0	205°9	206°2	206°2	207°6	208°6	209°0	209°0
207°8	207°6	206°3	204°3	204°7	204°8	206°4	206°0	206°2	207°8	208°4	209°0	209°0
207°5	207°6	206°6	204°0	204°7	205°0	206°6	206°0	206°6	207°8	208°4	209°0	209°0
207°5	207°4	205°8	204°2	204°8	205°1	206°2	206°0	206°8	208°0	208°7	209°0	209°0
45°0	45°0	45°2	45°2	44°8	44°5	44°6	44°5	44°5	44°3	44°2	44°0	44°0

Induction Inclinometer, one Sc. Div. = 0' 502; p. = 4° 8297; u. = 14° 22'.

55°9	55°3	55°4	54°6	53°5	53°9	53°6	54°5	54°1	54°5	55°3	55°1	55°3
55°7	55°5	55°5	55°0	54°2	54°0	54°0	54°4	54°1	54°6	55°1	55°3	55°3
55°6	55°9	55°1	54°8	54°3	53°7	54°2	54°3	54°3	54°5	55°5	55°5	55°4
55°8	55°7	55°1	54°8	54°6	53°6	54°1	54°2	54°2	54°7	55°5	55°3	55°3
55°6	55°7	55°1	54°8	53°9	53°4	54°1	54°1	54°1	55°7	55°3	55°3	55°3
55°7	55°6	55°1	54°5	53°6	53°4	54°4	54°1	54°1	54°7	55°3	55°3	55°3
55°9	55°7	54°9	54°2	53°6	53°6	54°3	54°0	54°0	54°6	55°3	55°5	55°3
55°9	55°5	54°9	54°3	53°8	53°8	54°1	54°0	54°1	54°7	55°3	55°6	55°3
55°6	55°5	54°5	54°1	53°8	53°5	54°1	54°1	54°1	55°1	55°3	55°6	55°3
55°6	55°5	54°5	53°9	53°7	53°7	54°1	54°0	54°3	54°9	55°3	55°6	55°6
55°5	55°5	54°7	53°9	53°9	53°6	54°4	54°0	54°3	54°9	55°5	55°6	55°3
55°5	55°7	54°7	53°9	53°9	53°7	54°4	54°1	54°4	55°1	55°3	55°6	55°3
46°7	46°6	46°4	46°3	45°8	45°2	45°5	45°3	45°3	45°3	45°2	45°0	45°0

increasing Horizontal Force, and decreasing Inclination.

METEOROLOGICAL OBSERVATIONS.

Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.
				Dry.	Wet.	Direction.	Force.		
D.	H.	M.	In.	°	°				
19	22	0	30°281	42°0	40°5	S.	Light.	0°0	Clear sky.
	23	0	30°294	39°8	38°4	S.	Light air.	0°0	Cloudless and clear.
20	0	0	30°295	38°6	38°0	S.	Light.	0°0	Night fine and clear.
	1	0	30°299	37°8	36°8	S.	Light.	0°1	Night fine and clear.
	2	0	30°296	36°8	36°5	S.S.W.	Light air.	0°0	Cloudless.
	3	0	30°291	36°3	36°0	N.	Light air.	0°0	Cloudless.
	4	0	30°291	35°7	35°1	—	Calm.	0°0	Cloudless.
	5	0	30°291	35°7	35°0	N.	Light air.	0°3	Light cir. spreading.
	6	0	30°286	35°7	35°0	N.W.	Light.	0°4	Soft cum. spreading.
	7	0	30°283	36°0	35°2	N.W.	Light.	0°4	Soft cum. spreading.
	8	0	30°281	35°7	34°8	N.W.	Light.	0°5	Soft cum. spreading.
	9	0	30°294	35°2	34°7	N.W.	Light.	0°8	White frost on the ground,

August 25th and 26th.		MAGNETICAL OBSERVATIONS.										
Mean Göttingen Time.		Angular Value of one Scale Division = 0'502.										DECLINATION.
		10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
M.	S.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
0	0	105.6	102.6	101.0	101.6	102.2	110.3	111.0	115.0	117.8	116.8	113.6
5	0	105.0	101.2	100.8	101.5	102.3	108.3	112.0	115.5	117.8	116.8	113.2
10	0	104.6	101.2	101.0	101.5	102.8	107.8	112.4	115.7	118.8	116.6	113.3
15	0	105.0	101.6	100.7	101.5	103.0	108.5	112.8	116.0	118.8	116.4	113.2
20	0	104.8	100.8	101.0	101.5	103.2	107.3	112.9	116.4	118.6	116.0	112.8
25	0	103.4	101.0	101.3	102.8	103.7	107.5	113.2	116.9	118.6	116.0	112.5
30	0	103.2	101.0	101.2	104.0	104.9	107.7	113.6	117.2	118.2	115.2	112.0
35	0	103.2	101.0	101.0	103.0	106.2	107.9	113.8	117.7	118.0	115.0	111.8
40	0	103.0	101.0	101.2	101.0	106.6	108.2	114.1	118.0	117.8	114.8	111.8
45	0	103.0	101.0	101.2	101.3	107.6	109.0	114.6	118.0	117.4	114.2	111.8
50	0	103.0	101.2	101.3	101.8	107.2	109.7	114.9	118.1	117.2	113.8	111.8
55	0	103.8	101.2	101.5	102.0	109.8	110.6	114.8	118.1	117.2	113.6	111.8

M. S.		One Scale Division = .000190 parts of the H. F.										HORIZONTAL FORCE.
		10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
2	30	207.0	204.4	201.0	198.0	194.0	193.2	193.2	193.7	197.0	199.7	201.8
7	30	206.6	204.2	201.0	197.5	194.0	194.2	193.0	193.7	198.0	199.3	202.2
12	30	206.2	204.5	201.0	197.5	194.0	194.2	192.3	193.4	197.0	200.5	202.5
17	30	206.0	204.0	200.7	197.5	194.0	193.5	192.9	193.7	198.2	200.5	202.7
22	30	206.6	204.0	200.6	196.0	194.0	193.0	193.0	194.4	198.2	200.7	202.3
27	30	205.8	203.6	200.8	196.0	193.8	193.0	192.9	194.8	198.0	201.9	202.7
32	30	206.0	203.2	201.0	196.0	193.8	192.7	—	195.6	198.4	201.3	202.5
37	30	206.0	203.0	201.0	195.8	194.0	192.8	192.7	196.4	198.8	201.3	202.2
42	30	206.0	203.0	200.5	195.5	194.0	192.8	193.0	196.3	198.8	201.5	203.0
47	30	206.0	203.0	199.2	195.8	193.6	193.0	193.4	196.8	199.0	200.9	203.0
52	30	206.0	202.0	198.8	195.8	193.2	193.0	193.3	197.0	200.0	200.7	202.8
57	30	204.6	201.0	198.5	194.8	193.2	193.0	193.4	196.8	200.0	200.3	203.0

Thermometer	45.6	45.4	45.6	46.0	46.8	46.8	47.2	47.7	47.7	47.6	47.7
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M. S.		Induction Incliner, one Sc. Div. = 0'502; p. = 4.8297; u. = 14° 22'.										
		10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
0	0	56.0	54.6	52.0	50.6	49.6	47.2	51.2	51.0	52.9	54.4	54.8
5	0	57.0	54.6	52.2	50.5	48.9	49.5	51.0	51.4	53.2	54.6	54.8
10	0	55.4	54.6	52.2	50.0	49.2	50.2	51.0	51.2	53.2	54.6	54.9
15	0	55.6	54.4	52.1	50.0	49.6	49.8	51.0	51.1	53.6	54.8	55.0
20	0	55.6	53.8	51.4	50.0	49.8	51.0	51.1	51.5	53.6	55.2	55.2
25	0	55.4	54.0	51.7	48.2	49.4	51.3	51.0	51.9	53.6	55.2	55.0
30	0	55.6	54.0	51.6	47.2	49.0	51.2	50.8	51.9	53.6	55.6	55.3
35	0	55.6	53.8	51.3	48.0	48.0	51.6	50.9	52.3	53.6	55.6	55.0
40	0	55.0	53.0	51.1	49.5	48.4	51.8	50.8	52.9	53.4	55.2	55.2
45	0	55.4	53.0	51.3	49.7	47.8	51.7	51.0	52.9	53.6	54.8	55.4
50	0	55.2	52.8	51.0	49.7	48.8	51.4	51.1	52.9	54.0	54.8	55.4
55	0	55.2	52.8	50.8	49.8	47.0	51.4	51.2	53.0	54.2	54.8	55.4

Thermometer	46.4	46.4	47.2	48.0	48.8	48.9	49.2	49.7	49.3	49.0	48.8
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Increasing Numbers denote increasing easterly Declination.

METEOROLOGICAL OBSERVATIONS.											
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.		
				Dry.	Wet.	Direction.	Force.				
D.	H.	M.	In.	°	°						
25	10	0	29.860	38.6	37.5	N.W.	Light.	0.6	Cum. and cum.-strat scattered.		
	11	0	29.862	40.6	39.4	N.N.E.	Light.	0.4	Cum. and cum.-strat. scattered.		
	12	0	29.854	44.6	41.6	N. by E.	Light.	0.6	Cum. and cum.-strat. scattered.		
	13	0	29.850	46.2	41.8	N.	Light.	0.6	Cum. and cum.-strat. scattered.		
	14	0	29.835	47.5	42.7	S.S.W.	Gentle.	0.4	Cum. broken; weather fine.		
	15	0	29.810	48.2	43.0	S.W.	Moderate.	0.5	Passing cum.; squally cold wind.		
	16	0	29.788	49.6	44.0	S.W.	Moderate.	0.4	Clouds scattered; cir.-cum. and fine.		
	17	0	29.778	49.3	43.5	S. by W.	Gentle.	0.6	Clouds scattered; cir.-cum. and fine.		
	18	0	29.766	48.5	43.1	S. by W.	Gentle.	0.7	Occasional light misty showers.		
	19	0	29.771	46.6	42.2	S.S.E.	Gentle.	0.4	Occasional light misty showers.		
	20	0	29.776	45.2	40.6	S. by W.	Light.	0.5	Fine; showers abated.		
	21	0	29.786	43.5	39.2	S. by W.	Light.	0.4	Fine; showers abated.		

MAGNETICAL OBSERVATIONS.

August 25th and 26th.

DECLINATION.												
Angular Value of one Scale Division = 0'502.												
21h.	22h.	23h.	0h.	1.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
111'5	112'0	112'7	110'5	109'1	106'9	108'6	108'8	108'5	108'2	107'5	107'9	108'0
112'0	112'0	112'2	110'4	108'2	107'0	108'4	108'8	108'2	108'0	107'8	108'1	107'6
112'2	112'0	111'6	110'1	107'6	107'0	108'4	108'8	108'0	107'8	107'8	108'0	107'6
111'7	111'8	112'0	110'0	106'4	107'0	108'4	108'8	108'0	108'0	107'5	107'8	107'6
111'8	112'0	111'8	109'7	105'8	107'4	108'6	108'8	108'0	108'0	107'2	107'5	107'6
112'0	112'2	111'2	109'7	105'3	107'0	108'8	108'8	108'2	108'0	107'2	107'6	107'8
112'0	112'0	111'2	110'9	105'7	107'4	109'0	108'8	108'2	108'0	107'2	107'9	107'7
112'0	112'3	110'7	111'0	105'9	107'6	109'0	108'8	108'3	107'8	107'3	107'7	107'0
112'0	112'0	110'2	112'2	106'0	107'8	109'0	108'8	108'5	107'8	107'3	107'8	107'1
112'0	112'3	109'8	113'0	107'0	108'0	109'0	108'8	108'5	107'5	107'3	108'0	107'0
112'0	112'7	110'0	112'7	107'2	108'4	109'0	108'8	108'5	107'3	107'3	108'1	106'8
111'3	112'7	110'5	110'9	106'8	108'8	109'0	108'8	108'3	107'3	107'5	108'1	106'5

HORIZONTAL FORCE.

Change in the Magnetic moment of the Bar for 1° Fah°. = '000093.

203'0	202'5	201'5	200'2	202'3	201'4	202'6	202'5	203'2	203'3	203'0	203'5	204'2
203'0	202'8	201'3	200'1	202'6	201'6	202'6	202'8	203'2	203'3	203'0	203'7	204'6
203'2	202'5	201'4	199'7	200'8	202'6	202'6	202'8	203'2	203'3	203'0	203'8	204'6
203'0	202'4	201'4	199'7	201'2	202'4	202'6	202'8	203'2	203'0	203'2	204'0	204'8
203'0	202'0	201'2	199'9	202'0	202'4	202'6	202'8	203'2	203'3	203'2	204'0	204'9
202'8	202'0	201'0	201'7	202'0	202'4	202'6	202'8	203'2	203'3	203'2	204'0	204'8
202'5	202'0	200'6	201'6	201'9	202'2	202'6	202'8	203'2	203'1	203'2	204'0	205'2
202'5	202'2	200'2	202'4	201'7	202'2	202'6	202'8	203'2	203'0	203'2	204'0	205'5
202'3	202'2	200'3	204'4	202'0	202'2	202'6	202'8	203'2	203'0	203'2	203'8	205'3
202'2	202'0	200'3	203'7	202'0	202'4	202'6	203'0	203'2	203'0	203'2	203'9	205'3
202'2	202'0	200'3	202'8	201'8	202'4	202'6	203'2	203'2	203'0	203'2	204'0	205'3
202'1	201'8	200'0	202'1	202'1	202'6	202'8	203'2	203'2	203'0	203'2	205'1	205'6
47'5	47'7	47'9	48'1	47'9	47'6	47'6	47'8	47'8	47'7	47'8	47'7	47'3

Induction Inclinometer, one Sc. Div. = 0'502; p. = 4'8297; u. = 14° 22'.

55'7	55'0	54'2	53'5	54'7	54'4	54'2	54'2	54'5	54'8	54'7	54'9	55'2
55'7	55'0	54'0	53'4	54'6	54'8	54'4	54'4	54'6	54'8	54'6	55'9	55'4
55'6	54'9	54'4	53'2	54'2	54'6	54'4	54'2	54'8	54'0	54'7	55'1	55'5
55'1	54'4	53'9	53'2	53'9	54'8	54'6	54'2	54'8	54'5	54'9	55'1	55'5
54'9	54'5	53'9	53'2	53'7	54'6	54'4	54'2	54'8	54'8	55'0	55'3	55'5
54'8	54'3	53'8	53'3	54'6	54'6	54'6	54'2	54'8	54'5	54'8	55'2	55'5
54'8	54'2	53'8	54'3	54'3	54'4	54'4	54'2	54'8	54'4	54'8	55'2	55'8
54'8	53'9	53'9	54'1	54'4	54'4	54'4	54'2	54'7	54'5	54'9	55'3	56'0
54'8	54'4	54'0	55'5	54'2	54'4	54'4	54'2	54'7	54'5	54'9	55'2	56'0
54'5	54'6	53'4	55'7	54'4	54'2	54'4	54'4	54'5	54'7	54'9	55'1	56'1
54'3	54'3	53'8	55'2	54'4	54'6	54'4	54'4	54'5	54'9	54'9	55'3	55'9
54'0	54'1	53'5	54'9	54'3	54'4	54'2	54'4	54'7	54'9	54'8	55'3	56'0
48'5	48'8	49'0	49'0	48'6	48'4	48'6	48'8	48'8	48'7	48'7	48'5	48'0

increasing Horizontal Force, and decreasing Inclination.

METEOROLOGICAL OBSERVATIONS.

Mean Göttingen Time.	Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.
		Dry.	Wet.	Direction.	Force.		
D. H. M.	In.	°	°				
25 22 0	29'808	43'8	39'8	S.W.	Moderate.	0'4	Passing cum.; fine and clear.
23 0	29'798	43'5	39'2	S.W.	Moderate.	0'4	Passing cum.; fine and clear.
26 0 0	29'801	43'0	39'2	W.	Gentle.	0'4	Scattered cir.-cum.; watery starlight.
1 0	29'793	42'6	39'3	W.	Light.	0'2	Scattered cir.-cum.; watery starlight.
2 0	29'773	42'7	39'3	S.	Light air.	0'1	Night, fine and clear.
3 0	29'765	43'0	39'8	W.S.W.	Light.	0'2	Night, fine and clear.
4 0	29'758	43'0	39'8	W.S.W.	Light.	0'2	Night, fine and clear.
5 0	29'750	43'0	39'8	W.S.W.	Light.	0'2	Night, fine and clear.
6 0	29'736	43'0	39'8	W.S.W.	Light.	0'3	Night, fine and starlight.
7 0	29'734	42'8	39'8	S.	Moderate.	0'2	Night clear; wind variable in squalls.
8 0	29'738	43'2	39'8	S.W.	Moderate.	0'5	Masses of soft cum. and vaporous clouds.
9 0	29'742	43'7	40'2	S. by W.	Moderate.	0'6	Masses of soft cum. and vaporous clouds.

September 20th and 21st.			MAGNETICAL OBSERVATIONS.										
Mean Göttingen Time.			Angular Value of one Scale Division = 0'502.					DECLINATION.					
			10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .	20 ^h .
M.	S.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	
0	0	105°0	99°5	97°2	97°0	102°2	110°4	119°0	123°7	123°2	119°7	114°2	
5	0	105°0	99°2	97°2	96°7	102°8	111°0	119°8	123°7	123°0	119°8	113°4	
10	0	103°6	99°1	97°3	97°0	103°4	111°4	120°7	123°8	123°0	119°3	113°5	
15	0	103°4	99°1	97°2	97°0	104°0	113°6	121°2	123°8	122°8	118°8	113°2	
20	0	103°0	99°5	97°0	97°3	105°5	114°2	121°3	123°8	122°5	118°2	113°0	
25	0	102°8	99°1	97°0	98°0	106°0	114°4	121°7	123°8	122°1	117°6	112°6	
30	0	102°0	98°7	96°8	98°8	106°6	115°6	122°0	123°8	121°7	116°9	112°4	
35	0	101°3	98°7	96°5	99°8	107°6	115°8	122°5	123°8	121°2	116°3	112°0	
40	0	101°1	98°4	96°3	100°2	108°4	116°4	122°8	120°8	121°0	116°0	111°4	
45	0	100°7	98°1	96°2	100°7	109°0	116°8	123°0	123°8	120°7	115°5	111°2	
50	0	100°2	97°8	96°2	101°3	109°4	117°4	123°3	123°5	120°2	115°1	110°6	
55	0	100°0	97°6	96°5	101°8	109°8	118°0	123°5	123°2	119°9	114°7	110°4	
			One Scale Division = '000190 parts of the H. F					HORIZONTAL FORCE.					
M.	S.												
2	30	200°8	198°2	194°0	191°4	188°0	186°0	191°0	194°7	197°2	200°0	199°6	
7	30	200°7	198°2	194°0	191°2	188°0	186°0	191°0	194°8	198°4	200°9	199°0	
12	30	200°6	198°0	194°0	191°0	188°0	186°0	191°2	195°0	198°8	200°6	200°0	
17	30	200°6	197°6	194°0	190°3	187°0	187°0	191°3	195°0	198°9	200°8	199°6	
22	30	200°0	197°3	194°0	190°5	187°6	187°4	191°5	195°0	198°9	200°4	199°2	
27	30	199°6	196°5	193°4	190°3	187°0	187°8	191°5	195°5	198°7	200°1	199°6	
32	30	199°5	196°6	193°2	190°0	187°0	188°2	191°5	195°8	198°7	200°0	199°4	
37	30	199°4	196°2	192°9	189°8	187°0	188°0	192°0	195°8	198°7	200°1	199°4	
42	30	199°4	196°2	192°8	189°0	187°0	188°2	193°0	196°2	198°7	200°0	199°0	
47	30	199°1	195°9	192°0	189°0	187°0	189°2	193°5	196°2	199°0	199°7	199°2	
52	30	198°7	195°7	192°0	189°0	186°0	189°8	193°8	197°0	199°0	199°7	198°8	
57	30	198°3	195°4	191°8	188°4	185°6	189°8	194°2	196°8	199°1	199°6	198°0	
Thermometer			48°5	48°6	49°0	49°5	49°8	50°4	50°6	51°2	51°5	51°8	52°1
			Induction Inclinometer, one Sc. Div. = 0'502; p. = 4°8297; u. = 14°22'.										
M.	S.												
0	0	54°9	53°3	50°8	49°3	48°6	46°6	50°0	52°3	54°3	55°4	55°8	
5	0	54°8	53°0	50°8	49°3	48°2	47°0	50°2	52°5	54°7	56°0	55°6	
10	0	55°0	53°0	50°7	49°2	47°6	47°2	50°1	52°4	54°8	56°4	55°7	
15	0	54°8	52°9	50°3	49°0	48°0	48°6	50°6	52°7	55°0	56°2	55°6	
20	0	54°7	52°5	50°2	49°4	48°5	48°4	50°7	52°9	55°2	56°2	55°4	
25	0	54°5	52°1	50°0	49°0	48°0	48°4	50°8	53°0	55°0	55°9	55°4	
30	0	54°3	51°9	50°1	49°7	48°0	48°4	51°0	53°0	54°9	55°8	55°4	
35	0	54°6	51°6	49°9	49°0	48°0	48°7	51°3	53°7	55°0	55°8	55°6	
40	0	54°3	51°6	49°7	48°8	48°0	48°6	51°4	53°9	55°1	56°0	55°4	
45	0	54°1	51°5	49°8	48°8	48°0	49°2	51°7	54°0	55°2	55°7	55°3	
50	0	53°8	51°2	49°9	48°7	47°6	49°6	51°9	54°3	55°6	55°7	55°4	
55	0	53°5	51°2	49°6	48°4	47°2	49°8	52°3	54°1	55°2	55°6	55°2	
Thermometer			49°3	49°6	51°0	51°0	51°6	52°6	52°8	53°2	53°0	53°0	53°2
Increasing Numbers denote increasing easterly Declination.													
METEOROLOGICAL OBSERVATIONS.													
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.				
				Dry.	Wet.	Direction.	Force.						
D.	H.	M.	In.	°	°								
20	10	0	30°127	44°0	44°0	N. by E.	Light air.	0°8	Light cum.-strat. and cir.-cum.				
	11	0	30°126	47°1	46°7	N. by E.	Light air.	0°7	Light cum.-strat. and cir.-cum.				
	12	0	30°131	53°0	49°2	N. by E.	Light air.	0°8	A light drizzling rain.				
	13	0	30°122	52°7	50°1	E. by S.	Light.	0°8	Overcast, with drizzling rain.				
	14	0	30°090	55°3	52°2	N.E.	Light air.	0°7	Overcast, with frequent misty showers.				
	15	0	30°069	55°8	52°2	N.E. by E.	Gentle.	0°8	Cum.; nimbi in places, with light showers.				
	16	0	30°040	56°0	52°7	N.E.	Light.	0°8	Light drizzling rain.				
	17	0	30°026	56°0	52°2	N.E. by N.	Moderate.	0°8	Light drizzling rain.				
	18	0	30°019	55°0	51°8	N.E. by N.	Gentle.	0°8	Cloudy and gloomy.				
	19	0	30°005	54°4	51°4	E.N.E.	Gentle.	0°9	Cloudy and gloomy.				
	20	0	30°009	53°6	50°8	N.E.	Gentle.	1°0	Overcast and very gloomy.				
	21	0	30°018	52°4	50°0	N.E.	Light.	1°0	Overcast and very gloomy.				

MAGNETICAL OBSERVATIONS.												
September 20th and 21st.												
DECLINATION.												
Angular Value of one Scale Division = 0'502.												
21h	22h	23h	0h	1h	2h	3h	4h	5h	6h	7h	8h	9h
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
110°0	107°0	109°1	108°8	107°5	106°8	104°4	103°6	105°5	107°0	107°8	107°2	106°8
110°0	107°5	109°0	108°3	107°2	106°9	103°1	103°8	105°4	107°0	107°8	107°2	106°8
109°4	107°6	109°0	108°3	107°0	107°2	102°1	103°9	105°0	107°0	108°0	107°2	106°8
108°8	108°0	108°9	108°3	107°0	107°7	101°8	104°0	105°2	107°0	107°8	107°2	106°8
107°8	108°3	109°0	108°3	106°8	107°5	101°9	104°0	105°4	106°8	107°6	107°2	106°5
105°8	108°2	109°0	108°0	106°8	107°5	102°0	104°2	105°8	106°8	107°8	107°2	106°5
105°8	108°5	109°0	108°0	106°8	107°3	102°2	104°2	106°0	107°0	107°8	107°0	106°5
104°0	108°5	109°0	107°8	106°8	107°3	102°6	104°8	106°4	107°0	108°0	107°0	106°5
104°4	108°3	109°0	107°8	107°0	107°3	103°0	105°2	106°4	107°4	108°0	107°0	106°5
104°0	108°8	109°1	107°9	107°0	106°9	103°3	105°0	106°4	107°6	107°9	106°8	106°2
105°0	108°8	109°1	107°9	107°2	106°9	103°3	105°2	106°4	107°8	107°8	106°8	105°8
105°5	109°0	108°9	107°7	107°2	105°6	103°2	105°4	106°6	107°5	107°5	106°8	105°0

HORIZONTAL FORCE.												
Change in the Magnetic moment of the Bar for 1° Fah°. = '000093.												
198°0	200°8	199°0	199°5	199°3	198°5	199°8	199°1	199°0	198°5	198°4	199°5	200°0
198°2	200°0	199°0	199°2	199°0	198°4	200°0	199°0	199°0	198°4	198°5	199°7	200°2
198°0	200°0	199°0	199°3	198°8	198°7	199°9	199°0	199°0	198°4	198°7	199°8	200°2
198°0	199°7	199°0	199°3	198°8	199°3	199°8	199°0	198°8	198°5	198°7	199°8	200°2
197°0	200°0	199°0	199°3	198°8	199°6	199°7	198°8	198°4	198°5	198°9	199°8	200°2
197°0	199°7	199°0	199°0	199°0	199°7	199°7	198°6	198°2	198°7	199°0	199°8	200°2
197°0	199°7	199°0	199°0	199°2	199°8	199°6	198°6	198°2	198°6	199°0	200°0	200°2
198°2	199°7	199°0	199°0	199°2	199°9	199°6	198°6	198°0	198°4	199°2	200°0	200°2
199°0	199°7	199°0	199°1	199°0	200°0	199°5	198°6	198°0	198°4	199°2	200°0	200°2
199°0	199°7	199°0	199°3	198°8	200°0	199°5	198°6	198°0	198°5	199°0	200°0	200°0
200°4	199°4	199°0	199°4	198°8	200°0	199°3	198°8	198°0	198°5	199°2	200°0	200°2
200°8	199°2	199°2	199°2	198°5	199°8	199°1	199°0	198°4	198°4	199°2	200°0	200°2
52°0	52°3	52°5	52°8	52°8	52°8	52°8	52°8	52°8	53°0	53°1	53°0	53°0

Induction Inclinometer, one Sc. Div. = 0'502; p. = 4°8297; u. = 14° 22'.												
55°0	55°8	56°0	55°2	55°5	55°2	55°8	55°5	55°5	55°2	55°2	55°8	55°7
55°0	55°6	56°0	55°5	55°4	55°1	55°9	55°4	55°4	55°2	55°2	55°8	55°7
55°2	55°6	55°0	55°7	55°2	55°1	56°1	55°4	55°4	55°2	55°2	56°0	55°7
54°8	55°6	55°3	55°5	55°2	55°3	56°0	55°6	55°2	55°1	55°2	56°0	55°7
54°4	55°7	55°5	55°5	55°2	55°5	56°0	55°5	55°2	55°0	55°4	56°0	55°8
54°4	55°6	55°4	55°5	55°2	55°5	56°0	55°6	55°0	55°0	55°3	56°0	55°8
54°4	55°3	55°5	55°5	55°2	55°9	56°0	55°2	55°0	55°2	55°4	56°0	55°8
54°6	55°3	55°2	55°2	55°2	55°0	55°8	55°2	54°8	55°2	55°3	56°0	55°8
55°0	55°7	55°0	55°2	55°5	55°8	55°8	54°8	55°8	55°3	55°3	55°8	55°8
55°5	55°8	55°3	55°3	55°5	55°9	55°9	55°0	55°0	55°2	55°3	55°7	55°6
56°0	55°8	55°3	55°4	55°6	55°8	55°8	55°0	55°0	55°2	55°4	55°7	55°5
56°1	55°6	55°1	55°3	55°5	55°7	55°8	55°2	55°0	54°9	55°5	55°7	55°8
53°2	53°3	53°4	53°6	53°7	53°7	53°6	53°5	53°6	53°8	53°8	53°8	53°8

Increasing Horizontal Force, and decreasing Inclination.

METEOROLOGICAL OBSERVATIONS.												
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.			
				Dry.	Wet.	Direction.	Force.					
D.	H.	M.	In.	°	°							
20	22	0	30°024	51°8	49°8	N.E.	Light air.	0°8	Generally overcast, with soft cum.			
	23	0	30°029	51°6	49°2	N.E.	Light.	1°0	Generally overcast, with soft cum.			
21	0	0	30°027	51°2	49°8	N.E.	Light air.	1°0	Overcast and dark sky; light drizzling rain.			
	1	0	30°020	51°0	49°3	N.	Light.	0°9	Overcast and dark sky; light drizzling rain.			
	2	0	30°008	50°8	49°0	Calm.	—	1°0	Thick and overcast.			
	3	0	30°002	50°5	49°0	N. by E.	Light.	1°0	Thick and overcast.			
	4	0	29°994	50°6	48°9	N. by E.	Gentle.	0°9	Cloudy and gloomy, with signs of clearing up.			
	5	0	29°970	50°2	48°2	N.	Light.	0°9	Overcast, with dark heavy cum.			
	6	0	29°954	50°0	48°0	N.	Light.	1°0	Overcast.			
	7	0	29°946	49°8	47°8	N.	Light air.	0°9	Overcast.			
	8	0	29°942	49°8	48°0	Calm.	—	0°9	Watery cum.			
	9	0	29°949	50°2	48°7	Calm.	—	1°0	Watery cum.			

October 18th and 19th.			MAGNETICAL OBSERVATIONS.									
Mean Göttingen Time.			Angular Value of one Scale Division = 0' 502.					DECLINATION.				
			10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .
M.	s.		Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
0	0		76·5	107·5	110·0	87·0	125·5	123·6	127·5	128·0	129·3	127·0
5	0		92·2	126·5	98·5	104·0	124·2	126·0	129·1	128·0	131·0	131·8
10	0		90·0	116·8	121·4	107·8	125·0	130·2	128·3	—	128·0	132·2
15	0		92·0	117·0	117·2	124·0	122·0	130·8	128·8	129·0	127·8	143·0
20	0		91·0	115·8	120·0	109·2	121·7	129·9	128·1	130·2	129·0	133·2
25	0		87·8	113·0	118·0	127·2	121·8	129·6	128·9	130·7	126·0	133·0
30	0		106·2	115·8	117·0	123·0	120·5	129·3	129·0	130·2	126·9	133·0
35	0		92·5	120·8	124·0	116·2	119·2	130·8	129·2	128·9	133·0	126·0
40	0		95·8	100·0	124·0	115·5	122·3	131·9	129·5	129·0	118·0	130·8
45	0		95·8	112·0	121·2	110·8	124·5	130·1	129·5	127·2	129·8	137·0
50	0		104·8	120·0	123·5	112·8	117·0	128·5	129·1	126·7	131·8	149·2
55	0		117·2	116·0	120·0	119·5	123·7	126·8	128·3	127·9	131·2	147·0
			One Scale Division = '000190 parts of the H. F.					HORIZONTAL FORCE.				
M.	s.											
2	30		144·0	150·0	150·0	138·3	144·2	138·0	142·3	152·2	178·0	182·0
7	30		155·0	145·0	142·0	136·2	143·2	138·0	145·9	155·0	177·0	181·0
12	30		158·0	149·0	145·0	140·5	142·8	141·8	146·3	158·0	174·0	183·0
17	30		161·0	149·0	157·0	146·8	143·8	141·2	146·2	160·2	177·0	181·5
22	30		152·0	149·0	155·0	143·5	141·0	141·0	146·3	162·8	182·0	193·0
27	30		148·0	151·0	161·0	151·0	140·8	143·0	146·2	162·6	180·0	190·0
32	30		146·0	149·0	152·0	153·0	140·2	144·2	146·2	163·4	180·0	190·0
37	30		149·0	131·0	157·0	151·8	139·8	146·0	146·4	163·4	187·0	188·0
42	30		144·0	142·0	148·2	146·8	150·0	146·2	146·4	163·8	174·0	194·0
47	30		145·2	140·0	153·0	150·8	150·2	142·6	146·4	163·8	191·0	198·0
52	30		150·0	151·0	143·2	143·5	136·5	140·0	146·4	169·8	184·0	187·0
57	30		150·0	139·0	154·5	143·5	138·0	139·3	149·0	173·2	171·0	182·0
Thermometer			52·2	52·2	52·9	53·8	54·7	55·5	56·0	56·3	56·6	56·8
			Induction Inclinometer, one Sc. Div. = 0' 502; p. = 4' 8297; u. = 14° 22'.									
M.	s.											
0	0		28·5	31·5	26·0	28·2	29·7	25·8	27·5	33·1	46·3	43·2
5	0		37·8	26·5	30·5	28·5	30·6	26·0	29·5	35·2	47·5	49·0
10	0		39·0	29·7	31·6	24·7	28·8	28·3	30·4	—	46·0	50·5
15	0		38·8	30·5	31·8	36·5	29·3	26·7	30·4	38·1	46·9	57·0
20	0		34·5	28·2	42·0	29·8	28·3	28·4	31·3	39·9	49·0	54·3
25	0		32·7	32·2	35·0	32·6	28·7	28·6	31·1	39·5	47·5	52·8
30	0		22·0	35·2	36·0	32·7	28·0	29·5	31·3	40·8	49·1	54·0
35	0		39·5	30·2	35·0	32·8	27·8	30·1	31·0	40·2	51·0	52·0
40	0		29·2	29·0	35·0	35·0	29·5	30·7	31·1	41·2	46·0	55·2
45	0		29·4	33·0	33·8	31·7	32·3	29·9	31·0	41·0	52·0	56·0
50	0		31·2	36·0	34·7	33·4	28·0	28·5	31·5	42·2	53·5	54·2
55	0		31·8	31·0	32·2	31·5	25·6	27·5	32·3	44·2	42·8	—
Thermometer			53·0	54·0	54·8	56·0	56·8	57·8	57·5	57·7	57·6	57·8
Increasing Numbers denote increasing easterly Declination.												
METEOROLOGICAL OBSERVATIONS.												
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.			
				Dry.	Wet.	Direction.	Force.					
D.	H.	M.	In.	°	°							
18	10	0	30·061	50·0	48·0	—	Calm.	0·6	Fleecy cum. to S. & S.E.; light appearance near horizon.			
	11	0	30·058	51·5	48·0	N.N.W.	Gentle.	0·3	Light cum.; sky bright and clear.			
	12	0	30·052	54·8	49·0	N.	Moderate.	0·3	Fine and clear; nothing now indicating aurora.			
	13	0	30·026	57·3	51·3	N.	Gentle.	0·0	Cloudless.			
	14	0	30·003	60·0	52·7	N.	Gentle.	0·0	Cloudless.			
	15	0	29·988	63·3	53·7	N. by W.	Gentle.	0·0	Cloudless.			
	16	0	29·987	61·6	54·2	S.S.E.	Moderate.	0·1	Clear and settled.			
	17	0	29·977	60·4	53·9	S.S.E.	Strong.	0·1	Clear and settled.			
	18	0	29·977	58·7	52·5	S. by E.	Fresh.	0·1	Clear; fresh sea breeze.			
	19	0	29·975	56·0	52·2	S. by E.	Moderate gale.	0·2	Clear; sky looking yellowish to the E. and S.			
	20	0	29·990	54·2	50·8	S. by E.	Moderate gale.	0·2	Clear; sky looking yellowish, extending to the N. by E.; altitude about 15°.			
	21	0	30·000	51·8	49·5	S. by E.	Moderate gale.	0·3	Clear; sky looking yellowish, extending to the N. by E.; altitude about 15°.			

MAGNETICAL OBSERVATIONS.

October 18th and 19th.

DECLINATION.

Angular Value of one Scale Division = 0'502.

21h.	22h.	23h.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.
Sc. Div. 135°3	Sc. Div. 120°2	Sc. Div. 119°8	Sc. Div. 93°6	Sc. Div. 91°6	Sc. Div. 103°9	Sc. Div. 107°2	Sc. Div. 96°8	Sc. Div. 103°5	Sc. Div. 108°0	Sc. Div. 101°3	Sc. Div. 101°8	Sc. Div. 97°7
138°0	125°2	115°8	89°9	94°8	102°5	105°0	99°0	102°8	107°2	101°3	100°0	97°1
140°8	125°0	113°8	83°0	101°0	102°2	99°2	101°0	103°0	105°5	101°5	99°2	99°3
132°5	128°5	114°8	64°1	102°9	101°5	96°2	103°8	103°5	104°7	102°8	101°2	95°2
124°2	130°0	115°2	58°2	99°5	104°0	104°0	103°0	103°5	103°8	105°2	100°9	97°6
126°5	142°8	112°7	76°9	101°4	109°0	106°0	103°5	104°0	103°5	103°8	101°0	94°2
129°8	142°0	112°0	91°5	101°7	111°8	105°0	103°2	104°2	103°3	103°0	100°5	94°1
132°3	113°8	109°7	90°2	102°7	111°2	105°0	104°8	105°5	103°8	103°5	98°1	96°0
128°2	111°8	104°9	96°7	103°8	108°5	100°0	104°2	107°2	104°0	103°0	99°3	97°7
124°5	110°8	99°8	101°2	104°2	106°7	94°0	104°0	109°8	102°8	101°2	99°6	96°3
120°0	116°5	86°0	96°7	103°4	104°5	96°0	104°3	109°0	102°2	101°2	99°2	96°8
118°0	119°0	90°1	92°3	103°8	104°2	96°0	104°0	108°5	101°3	101°0	98°7	96°2

HORIZONTAL FORCE.

Change in the Magnetic moment of the Bar for 1° Fah. = '000093.

182°0	180°5	175°8	167°3	165°8	166°0	160°0	178°0	169°0	171°8	172°5	172°6	174°2
180°8	188°6	173°2	171°0	169°3	170°0	159°0	178°0	169°2	171°8	172°8	172°7	174°2
174°5	191°8	172°8	168°3	166°7	176°0	163°5	177°0	169°2	171°5	173°0	172°2	173°3
173°8	204°5	173°2	173°8	162°2	165°0	178°0	175°0	169°2	171°2	173°0	173°2	174°0
173°0	222°0	170°6	190°4	163°8	166°5	178°5	173°0	169°0	171°5	173°2	173°2	172°8
173°5	214°0	170°2	188°3	166°0	166°8	179°0	172°0	169°2	172°0	170°2	173°2	172°8
173°8	170°8	171°5	180°8	163°6	165°0	178°0	170°8	169°2	173°2	173°2	172°3	174°0
174°2	172°8	170°0	178°2	165°0	163°0	175°0	170°8	170°5	173°8	173°8	173°4	175°0
174°5	173°8	167°3	175°2	165°8	163°0	173°6	170°2	171°4	174°3	173°6	174°0	175°0
173°5	173°5	162°7	168°6	166°0	161°0	177°0	169°6	172°8	174°0	175°5	173°4	175°0
172°8	173°8	168°2	165°4	166°2	162°0	178°0	169°0	172°2	173°5	174°2	174°0	174°2
175°5	174°0	169°0	164°2	165°0	161°0	177°2	169°0	172°0	173°0	173°5	174°2	174°4
56°7	56°8	57°0	57°3	57°3	57°3	57°2	57°3	57°2	56°8	56°8	56°4	56°4

Induction Inclinometer, one Sc. Div. = 0'502; p. = 4°8297; u. = 14°22'.

46°7	48°8	45°2	40°4	40°5	39°1	39°0	48°7	43°8	45°7	45°7	45°6	46°3
47°8	49°0	44°0	42°0	42°3	41°7	38°0	48°8	44°7	45°3	46°0	45°0	46°1
46°0	50°5	45°0	43°0	43°1	42°1	39°8	49°0	44°7	46°0	46°0	43°9	46°7
51°3	57°7	44°4	41°3	40°4	41°5	42°8	47°7	44°5	45°5	46°2	46°1	45°8
52°8	68°2	43°4	48°6	39°3	42°0	49°0	47°8	44°7	45°5	46°6	45°8	45°7
50°3	67°5	43°0	54°1	41°0	42°0	48°0	46°5	44°5	46°0	44°9	46°0	45°9
46°7	54°5	43°1	50°6	40°8	42°2	53°7	45°3	44°8	46°5	45°3	45°8	44°0
43°7	41°4	43°3	48°6	40°3	40°6	48°0	45°2	45°1	46°7	46°7	45°1	45°8
45°6	45°0	42°1	47°0	41°2	40°0	46°0	46°2	45°8	48°0	46°4	45°8	46°1
43°0	44°2	40°2	45°1	41°5	39°8	46°8	44°8	45°7	48°2	47°1	46°0	45°7
42°8	43°7	39°0	41°6	41°4	39°5	49°0	44°5	45°8	47°3	47°7	46°0	45°9
43°0	44°2	42°4	40°6	41°2	40°0	48°0	44°7	45°5	46°0	47°2	46°0	46°0
57°2	57°3	57°5	57°7	57°7	57°7	57°7	57°5	56°8	56°8	56°8	56°4	56°2

increasing Horizontal Force, and decreasing Inclination.

METEOROLOGICAL OBSERVATIONS.

Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.
D.	H.	M.	In.	Dry.	Wet.	Direction.	Force.		
18	22	0	30°020	51°8	49°3	S. by E.	Fresh.	0·5	Clouds spreading in S. and S.E. quarter, showing indications of rain; no auroral light visible.
	23	0	30°031	51°8	49°2	S. by E.	Moderate.	0·8	A very indistinct glare of light in the S. and S.E.
19	0	0	30°039	51°3	49°1	S.	Light air.	0·4	A soft gloomy cloud in the S. part of the sky; some light giving strong indications of aurora.
	1	0	30°036	50°3	49°2	—	Calm.	0·9	Clouds overspread; dark and gloomy appearance.
	2	0	30°022	50°6	49°6	—	Calm.	0·7	Cum. soft and broken.
	3	0	30°011	50°2	49°2	—	Calm.	1°0	Cum. gloomy and unbroken.
	4	0	30°009	50°0	49°0	—	Calm.	1°0	Gloomy; overcast with damp atmosphere.
	5	0	29°989	50°2	49°2	S.	Light air.	0·8	Gloomy; a few stars dimly shining.
	6	0	29°982	48°5	47°8	S.	Light air.	0·2	Clouds dispersed; night fine and cloudless.
	7	0	29°973	46°5	45°8	W.	Light air.	0·0	Clear and cloudless.
	8	0	29°980	—	—	W.	Light.	0·4	Scattered cir.-cum., and fine.
	9	0	29°976	—	—	N.W.	Light.	0·0	Almost cloudless.

November 24th and 25th.			MAGNETICAL OBSERVATIONS.									
Mean Göttingen Time.			Angular Value of one Scale Division = 0'502.					DECLINATION.				
			10 ^h .	11 ^h .	12 ^h .	13 ^h .	14 ^h .	15 ^h .	16 ^h .	17 ^h .	18 ^h .	19 ^h .
M.	s.		Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
0	0		99.4	96.8	98.0	105.0	114.5	122.0	127.3	129.7	128.0	120.2
5	0		98.8	95.5	98.5	106.1	115.4	122.8	128.0	129.8	126.0	119.5
10	0		99.5	96.0	98.4	106.6	116.0	123.0	128.0	129.1	126.8	119.5
15	0		97.8	96.0	99.3	107.3	116.4	124.1	128.0	129.0	127.5	118.8
20	0		99.2	96.3	99.5	108.1	117.7	125.0	128.8	129.0	125.2	118.4
25	0		98.0	97.0	99.5	109.0	118.1	124.9	129.0	129.0	125.2	118.4
30	0		98.0	97.8	99.5	109.1	118.8	125.5	129.0	128.6	124.2	118.3
35	0		99.5	97.0	100.5	110.3	119.5	125.0	129.2	128.8	124.0	118.2
40	0		95.2	96.3	101.2	111.7	120.0	125.6	129.3	128.5	123.3	118.0
45	0		95.3	96.7	102.0	112.6	120.5	126.5	129.8	128.7	122.5	117.3
50	0		96.0	96.8	103.2	112.1	121.5	127.0	129.5	128.8	121.8	117.0
55	0		96.0	98.0	103.5	113.8	121.7	127.0	129.8	128.5	121.5	116.7
			One Scale Division = .000190 parts of the H. F.					HORIZONTAL FORCE.				
M.	s.											
2	30		207.8	204.5	200.0	197.3	200.1	202.0	205.4	211.7	215.8	214.5
7	30		207.8	204.2	199.7	197.6	200.4	202.7	205.8	210.9	215.2	213.8
12	30		207.7	204.0	199.0	197.3	200.0	202.9	206.2	212.3	215.5	214.0
17	30		207.5	204.0	199.0	198.0	200.0	203.7	206.6	212.0	215.7	213.8
22	30		207.0	203.8	198.3	198.2	200.9	203.9	207.2	212.8	213.8	214.5
27	30		206.7	203.3	197.3	198.3	200.9	203.8	207.8	212.8	215.5	214.8
32	30		206.8	202.8	197.8	197.6	201.0	204.0	208.2	212.5	214.2	217.2
37	30		206.8	202.5	197.3	197.9	201.0	203.8	209.2	213.3	214.5	216.0
42	30		206.0	202.2	197.7	199.1	201.3	203.3	210.0	213.9	214.8	216.3
47	30		205.3	202.0	197.4	199.7	201.7	—	210.2	214.8	215.0	215.5
52	30		205.8	201.2	197.6	200.0	201.2	206.0	210.0	216.5	215.5	214.7
57	30		204.8	200.8	197.2	200.2	201.4	205.1	210.8	217.2	214.0	215.2
Thermometer			53.2	53.2	53.2	53.6	53.6	53.6	53.8	54.0	54.8	55.5
			Induction Inclinometer, one Sc. Div. = 0'502; p. = 4.8297; u. = 14° 22'.									
M.	s.											
0	0		47.4	45.7	43.0	42.3	43.7	45.2	48.0	50.2	52.1	51.3
5	0		47.2	45.0	43.0	42.4	44.3	45.3	47.8	50.3	54.0	51.7
10	0		47.5	45.2	43.0	42.6	44.4	46.1	48.0	50.9	53.0	51.7
15	0		47.0	45.0	42.5	42.9	44.4	46.2	48.6	51.0	52.2	51.4
20	0		46.8	44.9	42.5	43.0	44.4	46.2	48.7	51.2	51.5	51.6
25	0		46.0	44.5	42.3	43.1	44.9	46.8	48.9	50.9	51.8	51.6
30	0		46.5	44.4	42.0	43.0	44.5	46.6	49.8	51.2	51.8	52.5
35	0		46.5	44.3	42.5	43.1	44.7	47.0	49.6	51.0	51.7	52.8
40	0		46.0	44.2	42.6	43.0	45.2	46.9	49.7	51.3	52.0	53.3
45	0		45.9	43.8	42.7	43.5	45.0	47.3	50.0	51.5	51.7	52.7
50	0		45.8	43.4	42.1	44.1	44.9	47.2	50.3	52.7	52.0	52.3
55	0		45.8	43.5	42.7	43.9	45.1	47.8	50.0	53.0	52.0	52.3
Thermometer			54.4	54.5	54.8	54.9	54.9	55.0	55.0	55.6	57.0	57.5
Increasing Numbers denote increasing easterly Declination,												
METEOROLOGICAL OBSERVATIONS.												
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.			
				Dry.	Wet.	Direction.	Force.					
D.	H.	M.	In.	°	°							
24	10	0	29.573	54.0	48.7	N.N.W.	Strong.	0.7	Cirrus clouds, with nimbi in places.			
	11	0	29.569	53.3	47.8	N.N.W.	Moderate gale.	0.8	Sky gloomy and overcast.			
	12	0	29.563	54.4	48.8	N.N.W.	Moderate gale.	0.8	Linear cir., with patches of blue sky; clouds heavy and threatening to N. and W.			
	13	0	29.562	54.3	47.7	N.N.W.	Fresh.	1.0	Cum.-strat., soft and gloomy.			
	14	0	29.542	54.5	49.1	N.N.W.	Fresh.	1.0	Overcast, tending to gloominess.			
	15	0	29.532	54.8	49.5	N.W. by N.	Fresh.	1.0	Overcast; appearance of rain.			
	16	0	29.510	55.8	50.8	N. by W.	Moderate.	1.0	Overcast; appearance of rain.			
	17	0	29.487	58.5	52.5	W.N.W.	Moderate.	0.7	Sky looking finer.			
	18	0	29.480	63.2	54.5	N.W.	Fresh.	0.8	Heavy cum., with nimbi; squally and unsettled.			
	19	0	29.473	61.8	54.0	N.W.	Moderate.	0.9	Heavy cum., with nimbi; squally and unsettled.			
	20	0	29.467	59.3	53.0	N.W.	Fresh.	0.6	A passing squall of rain, with unsettled appearance.			
	21	0	29.460	58.0	52.8	N.W.	Fresh.	1.0	Squalls of rain, with unsettled appearance.			

MAGNETICAL OBSERVATIONS.													November 24th and 25th.	
DECLINATION.													Angular Value of one Scale Division = 0'502.	
21h.	22h.	23h.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.		
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
115.2	115.5	112.2	108.8	108.2	109.0	109.5	109.0	110.0	109.0	109.0	105.5	100.9		
115.3	114.6	112.0	109.1	109.0	110.8	108.8	108.8	110.0	109.8	108.6	104.8	100.8		
115.8	113.5	111.3	109.0	109.0	110.5	109.2	108.2	110.2	109.8	108.5	104.1	100.3		
116.0	113.6	112.5	108.8	109.0	110.5	109.0	108.2	110.2	109.8	108.3	104.0	99.7		
117.0	112.5	112.9	109.0	108.1	110.5	108.5	108.0	110.6	109.8	108.0	103.3	99.5		
115.4	110.5	113.6	108.9	107.3	110.2	109.0	108.0	110.8	109.8	107.2	102.8	99.7		
114.0	110.7	113.2	109.0	107.2	110.2	109.5	108.2	110.8	109.8	107.2	102.8	99.0		
112.5	111.0	111.6	109.0	106.8	110.2	109.8	108.0	110.8	109.8	107.0	102.4	99.1		
112.0	112.2	110.5	108.7	107.0	110.2	109.8	108.8	110.8	109.8	106.8	102.1	98.9		
113.1	112.2	110.1	108.1	107.5	110.8	109.8	108.5	110.0	109.4	106.0	102.2	98.7		
111.8	112.8	109.2	107.9	109.0	111.0	109.8	109.0	110.0	109.0	105.7	101.5	98.0		
114.0	113.2	109.2	108.2	109.1	110.8	109.5	109.8	109.3	109.0	105.1	101.8	97.9		

HORIZONTAL FORCE.													Change in the Magnetic moment of the Bar for 1° Fah°. = '000093.	
216.0	216.0	213.0	214.0	211.7	211.3	213.5	212.5	212.1	209.8	210.3	210.9	210.0		
216.8	215.2	211.8	213.8	211.3	211.3	209.8	212.8	215.1	209.5	210.5	210.9	209.7		
219.0	220.0	212.5	213.4	211.7	211.8	210.2	213.2	211.6	209.2	210.8	211.0	209.3		
222.5	220.3	213.1	214.0	211.0	212.0	210.7	213.2	211.8	209.2	210.6	210.8	209.0		
221.5	216.3	213.8	213.6	210.2	212.2	212.0	213.3	211.0	209.2	210.5	210.9	208.9		
221.0	215.3	213.8	213.4	210.9	212.7	212.8	213.3	210.8	209.2	210.2	210.7	208.7		
219.2	215.1	214.8	213.5	212.0	213.0	212.8	213.3	210.4	209.3	210.5	210.6	208.4		
218.0	214.5	214.4	213.0	212.4	213.5	213.5	213.3	210.0	209.6	210.3	210.6	208.1		
216.2	214.0	213.5	211.8	212.0	214.5	213.0	213.3	209.2	209.6	210.0	210.7	207.8		
213.3	214.2	214.0	210.0	211.9	215.2	213.2	213.3	210.0	209.8	210.3	210.6	207.5		
213.3	213.7	214.0	211.2	212.0	216.0	213.5	212.7	209.2	210.3	210.2	210.2	207.2		
215.0	213.7	213.7	211.3	211.6	215.0	213.2	212.0	208.7	210.3	210.7	209.8	206.9		
55.8	56.0	56.0	56.0	56.1	56.0	56.2	56.5	56.5	56.6	56.6	56.6	56.6		

Induction Inclinometer, one Sc. Div. = 0'502; p. = 4'8297; u. = 14° 22'.														
53.4	52.5	51.8	52.1	50.9	50.8	51.5	51.8	51.4	49.8	50.3	49.7	50.2		
53.7	53.0	50.8	52.1	50.1	50.5	50.0	51.5	51.7	50.0	50.5	50.6	50.0		
55.4	52.8	51.2	52.0	50.7	50.5	50.4	51.8	51.5	50.0	50.7	50.9	49.7		
56.0	55.8	51.5	51.8	50.8	50.5	51.0	52.0	51.5	50.0	50.7	50.8	49.8		
57.3	54.8	51.6	52.0	50.6	50.7	52.0	52.0	51.4	50.0	50.7	50.8	49.5		
56.5	53.0	51.8	51.9	50.4	50.6	51.2	52.0	51.0	50.0	50.6	50.7	49.1		
55.1	53.1	52.2	51.9	50.5	50.6	50.5	52.0	50.4	50.0	50.8	50.5	49.2		
54.6	53.0	52.2	51.8	51.0	50.6	50.7	52.2	50.4	50.0	50.8	50.7	48.8		
54.0	52.3	52.1	51.3	51.2	50.6	51.2	52.2	50.0	50.0	50.5	50.9	48.6		
53.7	52.3	52.2	50.7	50.6	51.7	51.4	53.3	50.2	50.4	50.6	50.9	48.2		
52.2	52.2	52.0	50.3	50.8	51.8	51.7	51.8	50.0	50.8	50.6	50.5	48.0		
53.0	52.5	52.3	50.6	51.0	52.4	52.2	51.5	49.7	50.6	50.7	50.4	48.0		
57.2	56.8	56.8	56.7	56.7	56.8	57.0	57.2	57.1	57.0	57.0	56.9	56.9		

increasing Horizontal Force, and decreasing Inclination.

METEOROLOGICAL OBSERVATIONS.												
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.			
				Dry.	Wet.	Direction.	Force.					
D.	H.	M.	In.	°	°							
24	0	0	29.461	54.8	51.0	N.W. by N.	Moderate.	1.0	Overcast, misty rain, unsettled.			
	23	0	29.459	53.2	50.0	N.N.W.	Moderate.	1.0	Overcast, misty rain, unsettled.			
25	0	0	29.460	53.3	49.5	N.N.W.	Light.	0.9	Dark cum.-strat., broken in places, gloomy.			
	1	0	29.427	53.1	49.0	N.N.W.	Gentle.	1.0	Dark cum.-strat., broken in places, gloomy.			
	2	0	29.411	53.0	49.3	N.W.	Moderate.	0.8	Sky unsettled.			
	3	0	29.401	53.0	49.5	N.W.	Moderate.	0.8	Sky unsettled.			
	4	0	29.377	52.8	49.5	N.W.	Moderate.	0.8	Sky unsettled.			
	5	0	29.368	52.2	49.0	N.W.	Moderate.	0.8	Sky unsettled.			
	6	0	29.353	53.0	48.5	N.W.	Strong.	1.0	Fresh squalls.			
	7	0	29.353	53.2	48.5	N.W.	Fresh.	0.8	Squally, with soft cum.			
	8	0	29.360	53.8	49.1	N.N.W.	Moderate.	1.0	Overcast and gloomy.			
	9	0	29.376	54.8	49.5	N.W.	Moderate.	1.0	Overcast and gloomy.			

December 20th and 21st.		MAGNETICAL OBSERVATIONS.										
Mean Göttingen Time.		Angular Value of one Scale Division = 0' 502.						DECLINATION.				
		10h.	11h.	12h.	13h.	14h.	15h.	16h.	17h.	18h.	19h.	20h.
M.	S.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
0	0	96.8	95.8	99.2	109.0	120.0	125.5	130.4	128.2	126.6	122.5	117.0
5	0	96.2	96.2	100.0	109.9	120.8	126.0	130.5	128.0	126.7	122.0	116.8
10	0	95.0	96.3	100.5	111.0	121.3	126.2	130.4	127.9	126.2	121.7	116.8
15	0	95.0	96.8	99.3	111.8	122.0	127.0	130.0	127.9	125.7	121.0	116.2
20	0	95.8	97.2	99.7	113.0	122.6	127.4	130.0	127.7	125.2	120.2	116.0
25	0	96.5	96.3	101.2	114.0	122.8	128.0	130.0	127.4	124.7	120.0	115.3
30	0	96.8	96.8	102.0	115.8	123.0	129.0	129.3	127.0	124.5	119.8	115.0
35	0	96.5	97.2	103.0	116.2	124.0	129.2	129.2	129.6	124.0	120.0	114.5
40	0	96.2	97.7	104.3	117.0	124.0	129.8	128.9	127.0	123.8	120.0	114.3
45	0	96.2	98.8	106.5	118.0	124.2	130.0	128.9	127.1	123.2	119.3	114.0
50	0	95.8	99.0	107.6	118.8	125.2	130.5	128.8	127.3	122.5	118.0	114.1
55	0	95.8	99.0	108.3	119.3	125.5	130.6	128.5	126.6	122.8	117.7	114.0

M. S.		One Scale Division = .000190 parts of the H. F.						HORIZONTAL FORCE.				
2	30	201.8	196.7	194.5	192.5	194.8	202.0	207.1	208.1	209.6	211.2	209.8
7	30	200.3	196.3	194.2	192.2	195.4	202.6	207.0	208.3	209.8	212.0	209.5
12	30	200.0	196.2	192.0	—	196.0	203.0	207.0	209.0	210.5	212.2	209.3
17	30	199.8	196.0	191.5	192.0	196.0	—	206.3	209.7	210.5	212.0	209.2
22	30	199.8	195.8	191.8	192.0	196.4	203.3	207.5	210.2	210.5	211.5	209.0
27	30	199.7	195.5	192.0	192.2	196.5	204.0	208.0	209.8	210.3	211.5	208.8
32	30	199.2	195.2	192.0	192.8	197.0	—	207.7	209.2	210.7	211.3	208.5
37	30	198.5	195.0	192.3	192.9	197.7	204.6	208.0	209.3	211.0	212.0	208.2
42	30	198.3	195.0	192.5	193.0	198.4	205.3	208.2	209.2	210.8	212.8	—
47	30	198.5	195.3	192.8	193.3	200.0	205.9	208.1	209.7	210.2	211.8	206.6
52	30	197.8	195.0	193.0	193.8	201.0	206.4	208.3	209.7	210.7	210.7	207.0
57	30	197.2	194.8	192.8	194.0	201.5	206.6	208.6	209.5	211.0	210.0	207.7

Thermometer	57.5	57.0	57.0	57.0	57.7	58.1	59.0	59.6	60.0	60.3	60.2
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M. S.		Induction Inclinometer, one Sc. Div. = 0' 502 ; p. = 4' 8297 ; u. = 14° 22'.										
0	0	69.2	67.0	66.0	65.4	65.5	69.3	70.8	71.5	72.1	73.3	72.8
5	0	68.8	67.0	66.0	65.2	65.9	69.8	70.0	71.7	72.1	73.8	73.0
10	0	68.5	66.5	66.2	65.5	66.3	69.6	70.2	71.8	72.8	73.6	72.4
15	0	68.2	66.5	64.9	65.2	66.0	69.3	70.5	72.1	72.6	73.8	72.6
20	0	68.0	66.5	64.5	65.2	65.9	69.4	71.0	72.2	72.8	73.8	72.3
25	0	68.0	66.5	65.3	64.9	66.0	69.7	71.2	72.6	72.6	73.8	72.5
30	0	68.2	66.2	65.5	65.2	64.5	69.6	71.5	71.8	72.7	73.4	72.5
35	0	68.0	66.3	65.5	65.0	67.0	69.8	71.5	72.0	73.0	73.8	72.0
40	0	67.6	66.1	65.9	65.3	66.9	70.0	71.3	71.9	73.0	74.0	71.9
45	0	67.6	66.0	65.5	65.0	67.8	70.3	71.2	72.1	72.8	74.5	71.2
50	0	67.0	65.8	65.4	65.2	68.8	70.4	71.3	72.4	73.0	73.8	71.6
55	0	67.0	65.8	65.7	65.4	68.5	70.6	71.4	72.2	73.0	73.1	71.5

Thermometer	57.8	57.8	57.8	58.1	59.8	60.0	61.0	61.7	62.0	61.7	60.8
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Increasing Numbers denote increasing easterly Declination.

METEOROLOGICAL OBSERVATIONS.												
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.			
				Dry.	Wet.	Direction.	Force.					
D.	H.	M.	In.	°	°							
20	10	0	29.774	50.2	45.0	N.W.	Light breeze.	0.7	Fine morning.			
	11	0	29.773	53.2	46.2	N.W.	Light breeze.	0.7	Fine morning.			
	12	0	29.784	54.2	47.7	N.W.	Moderate breeze.	0.8	Sky a little overcast, with a few drops of rain occasionally.			
	13	0	29.782	57.5	50.0	N.W.	Gentle breeze.	0.8	Sky more overcast, with a few drops of rain occasionally.			
	14	0	29.754	61.0	51.5	N.W.	Light breeze.	0.5	Light cum. and fine weather.			
	15	0	29.749	61.0	51.0	S.E. by E.	Light breeze.	0.5	Light cum. and cir.-cum.; fine weather.			
	16	0	29.730	66.0	54.1	N.	Gentle breeze.	0.6	Cum.-strat., cir.-cum., and light clouds.			
	17	0	29.710	68.0	54.3	N.	Fresh breeze.	0.7	Cum.-strat., cir.-cum., and light clouds.			
	18	0	29.682	66.9	54.2	N.	Strong breeze.	0.7	Cum.-strat., cir.-cum., and light clouds.			
	19	0	29.673	61.2	51.2	N.N.W.	Fresh gale.	0.5	Scattered cir.-cum. and cum.-strat., strong breeze, and fine.			
	20	0	29.679	59.7	51.3	N.W. by N.	Strong breeze.	0.4	Fine evening; wind moderating.			
	21	0	29.694	62.4	53.0	N.W.	Strong breeze.	0.4	Fine evening; wind moderating.			

MAGNETICAL OBSERVATIONS.												December 20th and 21st.		
DECLINATION.						Angular Value of one Scale Division = 0'502.								
21h.	22h.	23h.	0h.	1h.	2h.	3h.	4h.	5h.	6h.	7h.	8h.	9h.		
Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.	Sc. Div.
114°0	113°0	96°0	97°5	102°0	103°0	107°3	108°7	108°8	106°2	104°2	102°8	98°1		
114°0	111°5	96°8	99°6	101°5	102°8	107°5	108°2	107°3	105°4	104°7	102°0	95°7		
116°1	111°5	97°0	100°3	102°1	105°3	107°5	108°0	107°2	105°2	104°0	103°0	94°7		
118°8	112°0	96°0	104°4	104°0	105°5	107°8	108°2	106°0	106°2	106°0	102°6	93°2		
115°0	113°2	98°0	103°8	104°1	105°5	108°2	108°8	107°1	104°7	105°7	102°9	99°9		
113°2	113°3	98°2	102°9	104°6	105°8	108°5	108°0	107°3	103°0	106°1	99°1	93°2		
113°0	111°1	93°5	102°0	105°7	106°5	108°8	108°0	107°4	104°0	104°8	99°4	94°6		
112°0	109°0	90°2	103°7	107°8	107°2	109°0	108°8	105°0	106°5	104°0	98°8	93°7		
112°3	105°8	93°7	104°2	106°9	108°0	109°0	109°0	106°0	105°5	103°7	98°2	95°2		
112°0	103°5	97°2	104°1	105°0	108°2	109°3	108°2	105°5	105°8	103°3	95°0	94°0		
111°6	95°5	99°6	103°2	103°4	108°2	109°3	108°0	106°5	105°5	103°2	93°9	95°0		
112°3	94°0	99°1	102°4	102°9	107°8	109°0	110°0	105°5	104°0	103°0	98°1	96°8		

HORIZONTAL FORCE.												Change in the Magnetic moment of the Bar for 1° Fahr. = '000093.		
208°0	215°0	216°0	203°0	202°4	202°3	204°2	203°0	206°6	205°0	203°4	201°7	202°0		
208°2	214°1	215°0	203°0	202°2	202°8	204°2	202°5	207°0	206°0	202°0	201°4	201°8		
223°8	213°3	214°3	203°1	203°1	203°8	204°5	202°8	206°5	206°5	202°0	202°0	202°2		
219°0	212°2	215°6	203°0	206°3	203°0	204°5	203°8	207°0	207°0	201°5	201°4	201°2		
217°0	211°8	214°4	202°6	206°7	202°2	204°8	202°3	208°6	206°0	200°6	201°0	201°0		
216°0	212°8	211°8	203°2	206°9	201°2	204°8	203°0	208°3	204°5	200°1	200°9	201°0		
216°0	211°1	208°3	203°9	206°0	202°0	204°8	203°8	207°8	204°2	200°1	201°0	201°0		
216°0	209°0	208°3	204°8	203°9	202°8	204°5	203°7	204°0	204°0	200°1	200°7	201°1		
216°0	208°2	207°6	204°3	202°3	203°6	204°2	202°3	207°0	204°0	200°3	200°9	200°7		
215°0	206°8	207°0	203°7	201°7	204°8	204°2	202°8	204°8	204°0	200°6	200°5	200°0		
213°2	211°0	204°7	203°0	202°2	204°8	204°0	205°2	207°2	204°0	201°0	200°7	200°7		
214°2	215°0	202°6	202°5	203°0	204°5	203°6	206°2	206°0	204°0	201°4	202°3	200°6		
60°1	60°1	60°0	60°2	60°2	60°0	60°0	60°0	60°0	59°8	59°8	59°9	59°8		

Induction Inclinometer, one Sc. Div. = 0'502; p. = 4°8297; u. = 14°22'.														
71°5	74°8	74°1	68°6	69°0	69°2	69°9	69°6	70°0	70°6	69°8	69°2	68°6		
72°0	74°7	74°2	69°1	69°3	69°2	69°8	69°6	71°5	70°4	69°3	69°3	68°7		
73°4	74°7	73°8	72°0	69°2	69°5	69°8	69°2	71°1	70°8	69°0	69°2	68°9		
76°7	74°4	74°2	69°6	70°0	69°3	69°9	69°8	71°3	70°9	69°0	69°2	68°8		
76°0	73°6	74°0	69°1	70°8	69°3	70°0	69°5	71°9	71°3	68°8	68°9	68°4		
75°0	73°7	73°7	69°2	71°2	69°0	70°0	69°0	70°8	70°0	68°7	68°5	68°5		
74°8	72°9	71°9	69°6	70°9	68°7	70°0	69°3	71°7	70°0	68°4	68°4	68°2		
75°5	73°0	71°6	69°9	70°3	68°8	70°0	69°2	69°8	69°8	68°4	68°2	68°2		
75°5	72°0	71°0	70°0	70°0	69°3	70°0	69°7	71°2	69°7	68°5	68°5	68°4		
75°0	71°7	71°0	69°7	69°2	69°8	70°0	69°3	70°5	70°0	69°0	68°1	67°9		
73°9	71°3	70°2	69°6	69°2	69°8	70°0	69°0	71°3	69°8	69°1	67°9	67°7		
74°2	72°8	69°1	69°4	64°0	69°8	70°0	70°0	70°7	70°0	69°3	68°3	67°6		
61°0	60°5	60°0	60°0	60°0	60°0	60°0	60°0	60°0	59°8	59°8	59°5	59°4		

increasing Horizontal Force, and decreasing Inclination.

METEOROLOGICAL OBSERVATIONS.												
Mean Göttingen Time.			Barometer at 32°.	Thermometers.		Wind.		Extent of Cloudy Sky.	Weather.			
				Dry.	Wet.	Direction.	Force.					
D.	H.	M.	In.	°	°							
20	22	0	29°691	57°0	50°0	N.N.W.	Strong breeze.	0°5	Fine, with squally cum. passing.			
	23	0	29°684	55°0	49°2	N.N.W.	Strong breeze.	0°4	Squally; sky assuming a very bright appearance to the S.S.W.			
21	0	0	29°683	54°1	48°8	N.N.W.	Moderate gale.	0°4	Masses of cum.; generally clear.			
	1	0	29°689	53°7	49°7	N.N.W.	Moderate gale.	0°1	Very little clouds, and misty starlight.			
	2	0	29°656	53°1	48°8	N.N.W.	Moderate gale.	0°1	A few strat., otherwise clear.			
	3	0	29°651	53°0	49°0	N.W. by N.	Moderate gale.	0°0	Fine clear starlight night; a fresh N.W. breeze.			
	4	0	29°639	52°8	49°2	N.W.	Moderate gale.	0°0	Fine clear starlight night; a fresh N.W. breeze.			
	5	0	29°621	52°8	49°0	N.W.	Fresh gale.	0°1	Fine and clear; slight signs of aurora to the South.			
	6	0	29°607	52°6	49°0	N.W. by N.	Moderate gale.	0°1	Clear fine morning, strong breeze, and squally.			
	7	0	29°601	52°7	49°0	N.N.W.	Fresh breeze.	0°4	Clear and fine; wind more moderate.			
	8	0	29°594	54°0	50°2	N. by W.	Strong breeze.	0°1	A few scattered cir.-cum., otherwise cloudless.			
	9	0	29°585	56°4	51°6	N. by W.	Moderate gale.	0°1	A few scattered cir.-cum., otherwise cloudless.			

VAN DIEMEN ISLAND, 1848.

METEOROLOGICAL OBSERVATIONS.

BAROMETRIC PRESSURE.													
Barometer at 32° = 28 English inches + the numbers in the Table.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
JANUARY.	1	1'601	1'626	1'625	—	—	—	—	—	—	—	—	
	2	—	—	—	1'252	1'194	1'148	1'119	1'085	1'091	1'059	1'043	1'006
	3	1'426	1'451	1'490	1'528	—	1'566	1'582	1'614	1'628	1'657	1'703	1'715
	4	1'930	1'931	1'922	1'916	1'906	1'889	1'877	1'867	1'876	1'879	1'877	1'869
	5	1'756	1'748	1'730	1'704	1'670	1'643	1'611	1'605	—	1'613	1'606	1'597
	6	1'593	1'605	1'623	1'632	1'637	1'638	1'669	1'682	1'706	1'726	1'744	1'740
	7	1'715	1'720	1'723	1'737	1'737	1'725	1'731	1'730	1'742	1'762	1'774	1'778
	8	1'690	1'673	1'660	—	—	—	—	—	—	—	—	—
	9	—	—	—	1'352	1'332	1'322	1'302	1'317	1'300	1'299	1'301	1'316
	10	1'701	1'722	1'741	1'752	1'760	1'772	1'805	1'838	1'864	1'895	1'911	1'930
	11	2'208	2'025	2'026	2'014	2'013	2'014	2'006	2'010	2'010	2'026	2'030	2'032
	12	1'895	1'890	1'883	1'874	1'860	1'857	1'865	1'875	1'891	1'897	1'907	1'905
	13	1'853	1'842	1'136	1'835	1'823	1'801	1'796	1'796	—	1'811	1'812	1'805
	14	1'688	1'683	1'699	1'696	1'697	1'702	1'702	1'726	1'753	1'796	1'840	1'871
	15	2'130	2'150	2'166	—	—	—	—	—	—	—	—	—
	16	—	—	—	—	2'135	2'110	2'102	2'092	2'096	2'098	2'100	2'090
	17	1'795	1'779	1'754	1'739	—	1'723	1'715	1'728	1'731	1'739	1'745	1'749
	18	1'896	1'910	1'914	1'922	1'924	1'945	1'959	1'971	2'020	2'034	2'062	2'069
	19	2'084	2'069	2'070	2'061	2'048	2'042	2'024	2'024	2'028	2'030	2'029	2'032
	20	1'807	1'790	1'772	1'736	1'687	1'665	1'640	1'621	1'610	1'590	1'583	1'579
	21	1'344	1'346	1'350	1'350	1'353	1'353	1'347	1'357	—	1'399	1'447	1'476
	22	1'844	1'880	1'882	—	—	—	—	—	—	—	—	—
	23	—	—	—	1'946	1'923	1'905	1'877	1'871	1'871	1'865	1'871	1'863
	24	1'692	1'692	1'680	1'657	—	1'619	1'615	1'615	1'613	1'615	1'615	1'599
	25	1'616	1'611	1'601	1'601	1'593	1'583	1'567	1'583	1'598	1'612	1'612	1'610
	26	1'675	1'675	1'679	1'683	—	1'678	1'670	1'688	1'701	1'717	1'732	1'740
	27	1'938	1'952	1'952	1'942	—	1'923	1'918	1'912	1'935	1'961	1'978	1'987
	28	1'874	1'856	1'845	1'825	1'771	1'745	1'724	1'718	1'712	1'708	1'700	1'690
	29	1'620	1'609	1'593	—	—	—	—	—	—	—	—	—
	30	—	—	—	1'520	1'478	1'478	1'481	1'483	1'467	1'468	1'479	1'477
	31	1'650	1'665	1'674	1'682	—	1'705	1'720	1'736	1'760	1'788	1'806	1'825
Hourly Means	1'7631	1'7654	1'7650	1'7182	1'7270	1'7135	1'7086	1'7132	1'7395	1'7325	1'7426	1'7442	
FEBRUARY.	1	1'935	1'933	1'932	1'922	1'920	1'906	1'892	1'888	1'884	1'884	1'881	
	2	1'713	1'718	1'705	1'697	1'676	1'659	1'637	1'617	1'605	1'611	1'599	1'588
	3	1'662	1'673	1'678	1'682	1'679	1'675	1'671	1'677	1'698	1'714	1'732	1'742
	4	1'880	1'898	1'902	1'903	—	1'912	1'919	1'928	—	1'955	1'969	1'979
	5	2'000	1'995	2'000	—	—	—	—	—	—	—	—	—
	6	—	—	—	—	2'030	2'012	2'000	2'001	2'010	2'022	2'037	2'040
	7	2'025	2'012	2'012	2'002	1'996	1'993	1'987	1'991	1'999	2'009	2'022	2'032
	8	2'008	2'006	1'996	1'988	1'968	1'955	1'955	1'961	1'962	1'978	1'992	1'989
	9	2'031	2'045	2'047	2'047	2'053	2'067	2'055	2'053	2'069	2'085	2'095	2'113
	10	2'204	2'217	2'216	2'220	2'227	2'230	2'229	2'227	2'239	2'253	2'270	2'276
	11	2'155	2'144	2'131	2'121	2'107	2'096	2'093	2'083	—	2'100	2'109	2'105
	12	1'923	1'905	1'901	—	—	—	—	—	—	—	—	—
	13	—	—	—	1'842	1'835	1'826	1'816	1'804	1'811	1'815	1'825	1'819
	14	1'678	1'654	1'644	1'624	—	1'600	1'578	1'558	1'552	1'556	1'560	1'553
	15	1'580	1'577	1'580	1'584	1'603	1'601	1'597	1'604	1'602	1'604	1'617	1'615
	16	1'922	1'944	1'942	1'963	1'969	1'981	1'981	1'985	2'015	2'026	2'052	2'069
	17	2'116	2'116	2'109	2'093	2'076	2'061	2'060	2'053	2'057	2'067	2'074	2'066
	18	1'993	1'981	1'977	1'968	1'964	1'942	1'928	1'919	—	1'935	1'942	1'938
	19	1'887	1'881	1'876	—	—	—	—	—	—	—	—	—
	20	—	—	—	1'902	1'898	1'898	1'891	1'895	1'926	1'948	1'958	1'970
	21	2'113	2'106	2'103	2'109	2'113	2'111	2'120	2'124	2'150	2'162	2'182	2'190
	22	2'205	2'200	2'196	2'192	—	2'179	2'171	2'167	2'170	2'174	2'182	2'189
	23	2'128	2'115	2'104	2'092	—	2'066	2'052	2'046	2'044	2'042	2'052	2'048
	24	1'938	1'924	1'916	1'906	1'878	1'856	1'832	1'833	1'842	1'852	1'857	1'844
	25	1'776	1'781	1'778	1'785	1'790	1'798	1'809	1'819	1'849	1'873	1'890	1'905
	26	2'054	2'046	2'041	—	—	—	—	—	—	—	—	—
	27	—	—	—	2'164	2'155	2'157	2'149	2'147	2'155	2'161	2'181	2'180
	28	2'187	2'189	2'189	2'181	2'168	2'168	2'164	2'160	2'163	2'169	2'191	2'192
	29	2'132	2'118	2'109	2'101	2'085	2'065	2'045	2'037	2'045	2'046	2'046	2'044
Hourly Means	1'9638	1'9671	1'9636	1'9620	1'9614	1'9526	1'9452	1'9431	1'9476	1'9616	1'9729	1'9747	

BAROMETRIC PRESSURE.													
Barometer at 32° = 28 English inches + the numbers in the Table.													
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.	
21	22	23	0	1	2	3	4	5	6	7	8		
—	—	—	—	—	—	—	—	—	—	—	—	} 1.2217	
0.952	0.997	1.098	1.150	1.170	1.198	1.238	1.277	1.300	1.328	1.351	1.413		
1.718	1.752	1.775	1.794	1.806	1.825	1.834	1.840	1.863	1.877	1.899	1.917		1.7070
1.849	1.835	1.814	1.789	1.759	1.743	1.726	1.723	1.725	1.737	1.743	1.744		1.8302
1.564	1.544	1.517	1.503	1.473	1.477	1.486	1.494	1.487	1.516	1.546	1.580		1.5856
1.708	1.717	1.705	1.683	1.662	1.676	1.677	1.677	1.684	1.700	1.710	1.721		1.6798
1.766	1.751	1.726	1.709	1.685	1.684	1.680	1.676	1.674	1.687	1.695	1.689	1.7207	
—	—	—	—	—	—	—	—	—	—	—	—	} 1.4421	
1.325	1.370	1.386	1.400	1.419	1.460	1.473	1.496	1.544	1.580	1.632	1.662		
1.935	1.943	1.938	1.933	1.929	1.939	1.954	1.951	1.961	1.977	1.991	2.017		1.8861
2.005	1.977	1.943	1.911	1.885	1.867	1.847	1.842	1.843	1.858	1.870	1.882		1.9568
1.895	1.894	1.877	1.858	1.843	1.839	1.839	1.833	1.847	1.859	1.864	1.859		1.8711
1.779	1.768	1.738	1.706	1.678	1.643	1.618	1.595	1.619	1.639	1.666	1.673		1.7449
1.912	1.918	1.920	1.927	1.920	1.937	1.967	1.977	1.991	2.023	2.067	2.094	1.8546	
—	—	—	—	—	—	—	—	—	—	—	—	} 2.0105	
2.069	2.049	2.023	1.988	1.947	1.913	1.876	1.856	1.827	1.811	1.813	1.801		
1.730	1.717	1.708	1.690	1.674	1.693	1.713	1.743	1.773	1.808	1.845	1.870		1.7461
2.070	2.081	2.078	2.074	2.071	2.057	2.055	2.051	2.051	2.051	2.066	2.075		2.0169
2.015	1.995	1.973	1.943	1.906	1.885	1.865	1.851	1.821	1.804	1.808	1.814		1.9675
—	1.513	1.482	1.453	1.413	1.374	1.355	1.324	1.317	1.326	1.334	1.345		1.5355
1.510	1.525	1.563	1.577	1.601	1.635	1.653	1.676	1.702	1.732	1.768	1.804	1.5160	
—	—	—	—	—	—	—	—	—	—	—	—	} 1.8075	
1.838	1.819	1.790	1.762	1.740	1.711	1.702	1.690	1.683	1.672	1.687	1.693		
1.588	1.573	1.557	1.532	1.514	1.502	1.493	1.503	1.524	1.560	1.574	1.623		1.5893
1.604	1.591	1.562	1.559	1.555	1.557	1.561	1.569	1.577	1.595	1.620	1.661		1.5916
1.737	1.752	1.763	1.793	1.808	1.826	1.842	1.850	1.859	1.886	1.904	1.940		1.7651
1.982	1.971	1.958	1.941	1.935	1.933	1.929	1.924	1.908	1.898	1.895	1.890		1.9375
1.677	1.667	1.660	1.649	1.637	1.618	1.614	1.611	1.605	1.608	1.607	1.613	1.6972	
—	—	—	—	—	—	—	—	—	—	—	—	} 1.5216	
1.488	1.495	1.494	1.495	1.497	1.494	1.518	1.534	1.550	1.574	1.603	1.623		
1.823	1.833	1.841	1.838	1.839	1.845	1.845	1.849	1.860	1.886	1.904	1.921	1.7954	
1.7414	1.7326	1.7265	1.7176	1.7064	1.7050	1.7062	1.7082	1.7152	1.7305	1.7485	1.7663	1.7307	
1.870	1.855	1.827	1.799	1.769	1.749	1.736	1.717	1.703	1.693	1.705	1.719	1.8336	
1.580	1.568	1.550	1.544	1.531	1.524	1.528	1.531	1.564	1.588	1.617	1.646	1.6082	
1.750	1.751	1.744	1.744	1.750	1.759	1.760	1.782	1.791	1.813	1.832	1.846	1.7335	
1.992	1.985	1.976	1.957	1.951	1.941	1.939	1.929	1.928	1.941	1.971	1.982	1.9426	
—	—	—	—	—	—	—	—	—	—	—	—	} 2.0079	
2.035	2.025	2.018	2.005	1.990	1.983	1.983	1.985	1.987	1.994	2.005	2.024		
2.027	2.019	2.000	1.987	1.979	1.982	1.986	1.986	1.983	1.988	1.997	2.005		2.0008
1.991	1.987	1.977	1.963	1.947	1.941	1.943	1.956	1.961	1.979	1.997	2.020		1.9758
2.131	2.121	2.110	2.109	2.107	2.101	2.097	2.103	2.111	2.123	2.147	2.190		2.0921
2.271	2.260	2.242	2.219	2.201	2.183	2.162	2.147	1.136	2.135	2.147	2.157		2.2112
2.089	2.054	2.027	2.002	1.988	1.990	1.984	1.980	1.975	1.969	1.962	1.948	2.0527	
—	—	—	—	—	—	—	—	—	—	—	—	} 1.7803	
1.804	1.791	1.760	1.742	1.718	1.704	1.691	1.685	1.673	1.676	1.681	1.681		
1.536	1.524	1.514	1.500	1.494	1.496	1.488	1.478	1.477	1.506	—	1.547		1.5508
1.651	1.655	1.667	1.687	1.710	1.730	1.756	1.784	1.814	1.844	1.870	1.914		1.6769
2.098	2.096	2.100	2.095	2.085	2.077	2.071	2.067	2.069	2.076	2.098	2.113		2.0372
2.076	2.064	2.042	2.028	2.015	2.003	1.988	1.979	1.973	1.982	1.985	1.990		2.0447
1.935	1.922	1.891	1.883	1.865	1.855	1.848	1.839	1.839	1.845	1.865	1.885	1.9113	
—	—	—	—	—	—	—	—	—	—	—	—	} 1.9734	
1.988	2.002	2.006	2.008	2.022	2.030	2.038	2.037	2.044	2.056	2.088	2.113		
2.193	2.190	2.178	2.178	2.186	2.176	2.175	2.169	2.169	2.181	2.188	2.201		2.1572
2.193	2.189	2.184	2.168	2.150	2.130	2.111	2.097	2.097	2.115	2.117	2.130		2.1611
2.034	2.019	1.998	1.983	1.969	1.955	1.943	1.937	1.933	1.928	1.935	1.947		2.0161
1.829	1.805	1.769	1.761	1.736	1.727	1.727	1.720	1.735	1.740	1.755	1.765		1.8145
1.915	1.913	1.909	1.932	1.945	1.943	1.954	1.954	1.973	1.986	2.005	2.037	1.8883	
—	—	—	—	—	—	—	—	—	—	—	—	} 2.1484	
2.187	2.190	2.178	2.170	2.169	2.154	2.146	2.138	2.141	2.148	2.166	2.185		
2.192	2.179	2.166	2.153	2.131	2.125	2.107	2.093	2.103	2.110	2.121	2.135		2.1557
2.027	2.000	1.977	1.947	1.908	1.880	1.841	1.811	1.803	1.801	1.814	1.836		1.9799
1.9758	1.9666	1.9524	1.9426	1.9326	1.9255	1.9201	1.9162	1.9193	1.9287	1.9612	1.9606	1.9509	

BAROMETRIC PRESSURE.													
Barometer at 32° = 28 English inches + the numbers in the Table.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
MARCH.	1	1·827	1·820	1·807	1·791	1·759	1·744	1·718	1·706	1·719	1·729	1·729	1·737
	2	1·535	1·518	1·494	1·538	—	1·552	1·554	1·560	1·573	1·625	1·663	1·699
	3	1·878	1·889	1·885	1·893	1·907	1·891	1·882	1·896	—	1·926	1·936	1·938
	4	2·103	2·112	2·121	—	—	—	—	—	—	—	—	—
	5	—	—	—	2·149	2·152	2·148	2·142	2·137	2·146	2·154	2·161	2·173
	6	2·060	2·045	2·036	2·033	—	2·004	1·992	1·970	1·970	1·970	1·976	1·959
	7	1·857	1·849	1·850	1·849	1·854	1·840	1·850	1·851	1·861	1·873	1·921	1·938
	8	2·119	2·128	2·125	2·126	2·118	2·121	2·122	2·130	2·152	2·162	2·188	2·195
	9	2·169	2·166	2·166	2·158	2·136	2·109	2·093	2·082	2·086	2·094	2·091	2·088
	10	1·886	1·887	1·880	1·875	1·853	1·842	1·834	1·819	1·819	1·824	1·833	1·829
	11	1·623	1·605	1·581	—	—	—	—	—	—	—	—	—
	12	—	—	—	1·430	1·440	1·451	1·461	1·466	1·474	1·486	1·514	1·504
	13	1·366	1·364	1·369	1·357	1·361	1·344	1·332	1·328	—	1·315	1·313	1·306
	14	1·404	1·457	1·479	1·516	1·546	1·572	1·608	1·649	1·699	1·727	1·767	1·801
	15	1·998	1·998	2·002	2·004	1·996	1·988	1·976	1·972	1·967	1·967	1·967	1·972
	16	1·881	1·872	1·864	1·854	1·836	1·815	1·786	1·772	1·776	1·780	1·772	1·757
	17	1·627	1·616	1·596	1·584	1·569	1·555	1·541	1·545	1·521	1·545	1·585	1·584
	18	1·588	1·602	1·590	—	—	—	—	—	—	—	—	—
	19	—	—	—	1·635	1·646	1·643	1·636	1·637	1·650	1·656	1·676	1·691
	20	1·581	1·587	1·592	1·604	1·612	1·621	1·627	1·635	1·639	1·658	1·680	1·703
	21	1·858	1·852	1·840	1·831	1·828	1·794	1·772	1·776	—	1·770	1·754	1·734
	22	1·646	1·630	1·649	1·658	1·678	1·678	1·684	1·712	1·723	1·731	1·750	1·756
	23	1·689	1·671	1·645	1·649	1·651	1·656	1·662	1·661	1·709	1·731	1·781	1·824
	24	1·839	1·818	1·800	1·778	—	1·710	1·690	1·670	1·667	1·675	1·673	1·671
	25	1·418	1·418	1·430	—	—	—	—	—	—	—	—	—
	26	—	—	—	1·724	1·689	1·661	1·639	1·611	1·591	1·569	1·543	1·514
	27	1·518	1·531	1·532	1·532	1·540	1·547	1·545	1·565	1·581	1·601	1·619	1·623
	28	1·761	1·764	1·766	1·770	1·764	1·755	1·749	1·745	1·767	1·779	1·797	1·802
	29	1·804	1·802	1·766	1·737	1·695	1·672	1·640	1·610	1·584	1·574	1·540	1·524
	30	1·536	1·559	1·584	1·597	1·617	1·628	1·632	1·650	1·691	1·709	1·737	1·761
	31	1·796	1·785	1·782	1·756	1·726	1·711	1·685	1·678	1·650	1·626	1·648	1·658
Hourly Means	1·7543	1·7535	1·7493	1·7566	1·7489	1·7427	1·7351	1·7346	1·7506	1·7502	1·7635	1·7682	
APRIL.	1	1·817	1·799	1·795	—	—	—	—	—	—	—	—	
	2	—	—	—	1·730	1·749	1·761	1·781	1·804	1·836	1·861	1·889	1·923
	3	2·142	2·150	2·162	2·162	2·176	2·180	2·179	2·184	2·188	2·194	2·209	2·216
	4	2·036	2·010	1·986	1·962	—	1·916	2·901	1·877	1·866	1·844	1·832	1·810
	5	1·515	1·484	1·484	1·482	1·484	1·490	1·489	1·492	1·512	1·519	1·537	1·556
	6	1·602	1·594	1·592	1·577	1·563	1·543	1·509	1·508	1·504	1·504	1·497	1·479
	7	1·481	1·503	1·532	1·550	1·568	1·586	1·609	1·653	1·690	1·704	1·747	1·763
	8	1·808	1·790	1·791	—	—	—	—	—	—	—	—	—
	9	—	—	—	—	1·609	1·611	1·609	1·601	1·618	1·632	1·638	1·664
	10	1·597	1·579	1·553	1·532	1·491	1·445	1·399	1·373	1·343	1·321	1·270	1·237
	11	1·352	1·365	1·382	1·400	1·427	1·431	1·437	1·451	—	1·490	1·526	1·558
	12	1·556	1·516	1·509	1·489	1·492	1·474	1·487	1·513	—	1·535	1·554	1·587
	13	1·821	1·831	1·842	1·850	—	1·861	1·865	1·875	1·888	1·906	1·918	1·941
	14	1·910	1·908	1·892	1·884	1·876	1·854	1·846	1·837	1·837	1·831	1·847	1·866
	15	1·794	1·781	1·771	—	—	—	—	—	—	—	—	—
	16	—	—	—	1·905	1·900	1·892	1·888	1·892	1·904	1·913	1·915	1·922
	17	1·873	1·864	1·846	1·830	1·812	1·798	1·777	1·777	1·780	1·772	1·794	1·802
	18	1·729	1·739	1·721	1·693	1·682	1·664	1·646	1·640	—	1·655	1·699	1·713
	19	2·055	2·064	2·072	2·096	2·112	2·134	2·152	2·160	—	2·188	2·224	2·261
	20	2·366	2·373	2·369	—	—	—	—	—	—	—	—	—
	21	—	—	—	2·178	2·158	2·152	2·152	2·150	2·149	2·152	2·150	2·153
	22	1·943	1·935	1·927	—	—	—	—	—	—	—	—	—
	23	—	—	—	1·815	1·801	1·795	1·759	1·752	1·749	1·736	1·746	1·771
	24	2·010	2·030	2·056	2·073	—	2·112	2·108	2·114	2·121	2·128	2·142	2·160
	25	1·989	1·972	1·970	1·950	1·936	1·906	1·888	1·847	—	1·867	1·862	1·869
	26	1·636	1·618	1·604	1·588	1·582	1·580	1·580	1·574	1·568	1·570	1·582	1·601
	27	1·876	1·878	1·887	1·897	1·893	1·893	1·881	1·873	—	1·856	1·862	1·862
	28	1·780	1·766	1·769	1·765	1·763	1·763	1·770	1·777	1·779	1·780	1·790	1·818
	29	1·901	1·909	1·902	—	—	—	—	—	—	—	—	—
	30	—	—	—	1·961	1·952	1·944	1·927	1·911	1·916	1·916	1·910	1·921
Hourly Means	1·8162	1·8107	1·8089	1·7987	1·7631	1·7827	1·7766	1·7765	1·7781	1·7872	1·7989	1·8125	

BAROMETRIC PRESSURE.												Daily and Monthly Means.
Barometer at 32° = 28 English inches + the numbers in the Table.												
12	13	14	15	16	17	18	19	20	21	22	23	
21	22	23	0	1	2	3	4	5	6	7	8	
1.739	1.715	1.698	1.679	1.674	1.668	1.642	1.624	1.603	1.572	1.548	1.543	1.6996
1.731	1.744	1.739	1.753	1.773	1.779	1.787	1.793	1.814	1.827	1.844	1.865	1.6852
1.933	1.941	1.949	1.951	1.960	1.972	1.977	1.986	1.996	2.019	2.065	2.092	1.9462
—	—	—	—	—	—	—	—	—	—	—	—	2.1235
2.182	2.178	2.162	2.139	2.119	2.091	2.073	2.065	2.063	2.062	2.059	2.072	1.9276
1.945	1.940	1.920	1.893	1.879	1.853	1.793	1.802	1.806	1.811	1.830	1.849	1.9342
1.955	1.979	1.976	1.966	1.980	1.978	1.985	1.995	2.019	2.034	2.064	2.098	2.1568
2.210	2.212	2.193	2.182	2.178	2.168	2.164	2.158	2.144	2.143	2.153	2.172	2.0270
2.071	2.052	2.007	1.979	1.943	1.903	1.877	1.863	1.865	1.871	1.879	1.899	1.7818
1.820	1.807	1.783	1.762	1.746	1.724	1.694	1.678	1.655	1.642	1.639	1.633	1.4582
—	—	—	—	—	—	—	—	—	—	—	—	1.3000
1.522	1.509	1.491	1.464	1.409	1.383	1.393	1.376	1.363	1.345	1.352	1.354	1.7540
1.290	1.268	1.250	1.230	1.237	1.227	1.222	1.218	1.241	1.280	1.316	1.366	1.9445
1.842	1.858	1.864	1.882	1.883	1.887	1.897	1.912	1.932	1.948	1.970	1.995	1.7394
1.973	1.964	1.951	1.931	1.905	1.887	1.878	1.870	1.871	1.874	1.878	1.878	1.5693
1.742	1.725	1.708	1.696	1.666	1.652	1.631	1.631	1.628	1.631	1.636	1.634	1.6222
1.580	1.578	1.568	1.556	1.543	1.547	1.553	1.556	1.567	1.575	1.584	1.588	1.6945
—	—	—	—	—	—	—	—	—	—	—	—	1.6923
1.689	1.681	1.667	1.645	1.626	1.597	1.577	1.545	1.549	1.564	1.568	1.574	1.7274
1.717	1.723	1.708	1.723	1.734	1.740	1.760	1.765	1.787	1.802	1.834	1.837	1.7599
1.703	1.655	1.624	1.584	1.532	1.533	1.535	1.557	1.563	1.596	1.602	1.631	1.6395
1.786	1.786	1.784	1.789	1.777	1.772	1.766	1.753	1.750	1.747	1.729	1.723	1.5124
1.829	1.831	1.839	1.839	1.810	1.800	1.803	1.831	1.826	1.821	1.833	1.826	1.6262
1.665	1.649	1.625	1.613	1.603	1.554	1.548	1.532	1.503	1.486	1.475	1.464	1.7774
—	—	—	—	—	—	—	—	—	—	—	—	1.5327
1.487	1.481	1.449	1.442	1.422	1.418	1.416	1.432	1.453	1.482	1.500	1.508	1.7089
1.629	1.644	1.644	1.662	1.679	1.683	1.695	1.711	1.717	1.727	1.742	1.761	1.7223
1.812	1.814	1.798	1.791	1.777	1.767	1.765	1.770	1.774	1.781	1.789	1.801	1.9142
1.462	1.441	1.400	1.363	1.344	1.342	1.342	1.358	1.387	1.423	1.462	1.514	2.1516
1.779	1.769	1.771	1.771	1.773	1.770	1.766	1.768	1.765	1.785	1.790	1.805	1.7464
1.693	1.691	1.687	1.690	1.725	1.728	1.734	1.743	1.750	1.771	1.800	1.823	1.5275
—	—	—	—	—	—	—	—	—	—	—	—	1.4811
1.7699	1.7643	1.7502	1.7399	1.7295	1.7201	1.7138	1.7145	1.7182	1.7266	1.7386	1.7520	1.7053
—	—	—	—	—	—	—	—	—	—	—	—	1.6463
1.952	1.963	1.973	1.979	1.977	1.985	2.001	2.020	2.043	2.072	2.100	2.132	1.8790
2.220	2.225	2.195	2.179	2.145	2.126	2.100	2.082	2.067	2.060	2.055	2.043	1.83426
1.769	1.732	1.696	1.657	1.609	1.569	1.537	1.518	1.508	1.517	1.512	1.504	1.5088
1.554	1.563	1.558	1.538	1.525	1.527	1.529	1.533	1.550	1.565	1.589	1.584	1.6224
1.470	1.453	1.443	1.428	1.400	1.398	1.387	1.389	1.399	1.413	1.429	1.466	1.8944
1.788	1.798	1.802	1.797	1.784	1.767	1.768	1.782	1.797	1.812	1.819	1.828	1.8385
—	—	—	—	—	—	—	—	—	—	—	—	1.8790
1.666	1.664	1.654	1.639	1.610	1.594	1.599	1.604	1.606	1.621	1.624	1.613	1.7683
1.173	1.228	1.224	1.236	1.220	1.230	1.248	1.257	1.280	1.309	1.331	1.347	1.7721
1.576	1.574	1.578	1.570	1.568	1.565	1.579	1.553	1.578	1.587	1.589	1.567	2.2259
1.661	1.672	1.685	1.686	1.686	1.687	1.701	1.715	1.733	1.765	1.792	1.808	2.1165
1.951	1.949	1.939	1.919	1.900	1.895	1.899	1.891	1.905	1.904	1.914	1.908	1.8233
1.860	1.846	1.836	1.820	1.796	1.796	1.804	1.784	1.783	1.802	1.810	1.800	2.0792
—	—	—	—	—	—	—	—	—	—	—	—	1.8238
1.926	1.915	1.910	1.900	1.870	1.876	1.868	1.860	1.867	1.870	1.875	1.883	1.8095
1.774	1.765	1.760	1.735	1.713	1.714	1.702	1.696	1.692	1.713	1.725	1.725	1.8182
1.738	1.749	1.767	1.756	1.765	1.789	1.825	1.877	1.924	1.965	2.002	2.020	1.7897
2.266	2.280	2.298	2.303	2.305	2.300	2.304	2.307	2.313	2.319	2.336	2.347	—
—	—	—	—	—	—	—	—	—	—	—	—	—
2.147	2.125	2.108	2.070	2.042	2.016	1.992	1.972	1.963	1.961	1.953	1.945	—
—	—	—	—	—	—	—	—	—	—	—	—	—
1.767	1.767	1.788	1.781	1.781	1.787	1.825	1.835	1.879	1.905	1.942	1.974	—
2.153	2.124	2.116	2.089	2.065	2.058	2.054	2.058	2.055	2.020	1.984	1.991	—
1.865	1.837	1.827	1.803	1.759	1.733	1.703	1.691	1.673	1.675	1.670	1.655	—
1.629	1.642	1.636	1.644	1.636	1.666	1.666	1.698	1.730	1.787	1.839	1.857	—
1.854	1.841	1.821	1.791	1.771	1.763	1.760	1.763	1.751	1.754	1.766	1.770	—
1.833	1.823	1.822	1.821	1.817	1.823	1.829	1.841	1.852	1.878	1.884	1.886	—
—	—	—	—	—	—	—	—	—	—	—	—	—
1.896	1.865	1.830	1.780	1.742	1.714	1.694	1.652	1.638	1.619	1.585	1.552	—
1.8120	1.8083	1.8027	1.7884	1.7702	1.7657	1.7656	1.7657	1.7744	1.7872	1.7969	1.8002	1.7897

BAROMETRIC PRESSURE.													
Barometer at 32° = 28 English inches + the numbers in the Table.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
MAY.	1	1.515	1.472	1.462	1.485	—	1.556	1.586	1.616	1.652	1.670	1.711	1.728
	2	1.794	1.812	1.826	1.834	—	1.866	1.877	1.879	1.912	1.921	1.946	1.963
	3	1.659	1.652	1.622	1.604	1.585	1.568	1.558	1.548	1.554	1.561	1.563	1.591
	4	1.872	1.893	1.900	1.914	—	1.916	1.918	1.918	1.932	1.940	1.959	1.973
	5	1.945	1.926	1.920	1.916	1.892	1.878	1.874	1.870	1.862	1.858	1.864	1.852
	6	1.615	1.605	1.565	—	—	—	—	—	—	—	—	—
	7	—	—	—	1.802	1.818	1.832	1.844	1.859	1.878	1.900	1.925	1.957
	8	2.158	2.160	2.160	2.161	2.161	2.154	2.152	2.152	2.156	2.160	2.168	2.175
	9	2.046	2.026	2.019	1.998	1.985	1.982	1.964	1.940	1.928	1.929	1.921	1.919
	10	1.775	1.766	1.758	1.744	1.730	1.724	1.718	1.712	—	1.711	1.718	1.730
	11	1.747	1.745	1.750	1.750	1.744	1.744	1.750	1.750	1.763	1.773	1.793	1.807
	12	1.866	1.862	1.854	1.846	1.843	1.842	1.841	1.840	1.846	1.850	1.866	1.868
	13	1.816	1.808	1.811	—	—	—	—	—	—	—	—	—
	14	—	—	—	1.281	1.231	1.203	1.183	1.180	1.185	1.183	1.212	1.240
	15	1.464	1.474	1.500	1.514	1.514	1.531	1.533	1.564	1.588	1.602	1.631	1.671
	16	1.529	1.515	1.497	1.474	1.446	1.412	1.381	1.345	1.312	1.288	1.280	1.323
	17	1.303	1.321	1.342	1.358	1.381	1.406	1.430	1.456	1.494	1.530	1.546	1.570
	18	1.614	1.584	1.576	1.555	1.547	1.553	1.553	1.556	1.572	1.576	1.576	1.586
	19	1.744	1.762	1.762	1.774	1.786	1.789	1.792	1.794	1.809	1.828	1.854	1.866
	20	1.898	1.898	1.898	—	—	—	—	—	—	—	—	—
	21	—	—	—	1.828	1.818	1.808	1.784	1.773	1.768	1.750	1.736	1.723
	22	1.503	1.477	1.467	1.453	1.431	1.417	1.403	1.408	1.401	1.393	1.397	1.435
	23	1.695	1.712	1.726	1.751	—	1.760	1.776	1.781	1.787	1.817	1.833	1.845
	24	1.819	1.820	1.822	1.818	1.818	1.840	1.840	1.856	1.878	1.900	1.924	1.954
	25	2.063	2.062	2.064	2.062	2.048	2.054	2.058	2.059	2.069	2.069	2.092	2.100
	26	2.120	2.110	2.107	2.097	2.079	2.059	2.056	2.048	2.033	2.025	2.006	1.990
	27	1.484	1.474	1.458	—	—	—	—	—	—	—	—	—
	28	—	—	—	1.552	1.527	1.515	1.497	1.489	1.488	1.488	1.488	1.472
	29	1.337	1.357	1.363	1.365	1.383	1.385	1.394	1.404	1.411	1.403	1.417	1.421
	30	1.573	1.562	1.574	1.592	1.608	1.636	1.650	1.662	1.688	1.726	1.766	1.790
	31	2.041	2.045	2.043	2.035	—	2.032	2.024	2.032	2.040	2.048	2.068	2.092
Hourly Means	1.7406	1.7370	1.7348	1.7246	1.6989	1.7208	1.7199	1.7219	1.7310	1.7370	1.7504	1.7645	
JUNE.	1	2.196	2.201	2.194	2.194	2.212	2.230	2.224	2.232	2.254	2.261	2.279	2.283
	2	2.344	2.347	2.354	2.361	2.377	2.383	2.371	2.355	2.361	2.367	2.381	2.385
	3	2.305	2.299	2.287	—	—	—	—	—	—	—	—	—
	4	—	—	—	1.890	1.864	1.858	1.852	1.821	1.858	1.884	1.911	1.944
	5	2.073	2.073	2.069	2.082	2.090	2.092	2.096	2.100	2.116	2.124	2.136	2.164
	6	2.158	2.150	2.142	2.125	2.120	2.114	2.106	2.090	—	2.073	2.065	2.063
	7	1.808	1.783	1.751	1.705	1.673	1.623	1.589	1.555	1.535	1.525	1.521	1.522
	8	1.782	1.781	1.788	1.784	1.784	1.796	1.790	1.792	1.812	1.824	1.848	1.850
	9	1.998	2.018	2.024	2.024	2.026	2.030	2.036	2.040	—	2.046	2.062	2.072
	10	2.121	2.121	2.124	—	—	—	—	—	—	—	—	—
	11	—	—	—	2.160	2.162	2.172	2.172	2.172	2.179	2.182	2.198	2.201
	12	2.162	2.160	2.149	2.141	—	2.128	2.122	2.116	2.108	2.110	2.106	2.106
	13	2.037	2.031	2.022	2.006	2.002	1.986	1.986	1.976	1.972	1.962	1.974	1.974
	14	1.943	1.947	1.939	1.928	1.903	1.901	1.891	1.881	1.877	1.869	1.877	1.877
	15	1.716	1.728	1.704	1.698	1.689	1.678	1.670	1.658	1.659	1.657	1.665	1.670
	16	1.670	1.660	1.660	1.646	1.639	1.629	1.619	1.595	1.591	1.591	1.593	1.593
	16	1.637	1.671	1.681	—	—	—	—	—	—	—	—	—
	18	—	—	—	—	1.621	1.607	1.599	1.585	1.595	1.621	1.643	1.641
	19	1.625	1.614	1.608	1.590	—	1.530	1.527	1.510	—	1.496	1.494	1.481
	20	1.447	1.444	1.444	1.440	1.447	1.446	1.450	1.454	1.485	1.503	1.542	1.560
	21	1.843	1.848	1.860	1.860	1.858	1.846	1.832	1.826	1.839	1.849	1.849	1.840
	22	1.788	1.837	1.857	1.888	1.910	1.934	1.965	1.980	2.008	2.048	2.092	2.108
	23	2.221	2.224	2.224	2.218	2.218	2.220	2.216	2.218	2.224	2.226	2.225	2.233
	24	2.176	2.162	2.148	—	—	—	—	—	—	—	—	—
	25	—	—	—	1.942	1.924	1.918	1.909	1.899	1.881	1.881	1.875	1.863
	26	1.923	1.942	1.962	1.970	1.986	2.001	2.013	2.021	2.030	2.054	2.066	2.080
	27	2.190	2.206	2.208	2.208	2.215	2.219	2.219	2.227	2.232	2.242	2.262	2.275
	28	2.170	2.162	2.144	2.130	2.125	2.123	2.120	2.096	2.082	2.074	2.070	2.072
	29	1.956	1.966	1.959	1.955	1.955	1.956	1.952	1.950	1.952	1.958	1.976	1.982
	30	1.974	1.968	1.964	1.943	—	1.966	1.956	1.053	1.965	2.034	2.052	2.080
Hourly Means	1.9717	1.9747	1.9718	1.9555	1.9478	1.9379	1.9339	1.9270	1.9398	1.9408	1.9524	1.9584	

BAROMETRIC PRESSURE.												
Barometer at 32° = 28 English inches + the numbers in the Table.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
1.725	1.724	1.711	1.684	1.673	1.670	1.670	1.680	1.689	1.704	1.739	1.772	1.6476
1.954	1.949	1.930	1.904	1.858	1.836	1.802	1.772	1.742	1.722	1.684	1.659	1.8453
1.598	1.601	1.607	1.594	1.588	—	1.636	1.674	1.721	1.804	1.834	1.856	1.6338
1.974	1.975	1.962	1.950	1.941	1.920	1.916	1.914	1.926	1.930	1.932	1.945	1.9313
1.840	1.830	1.811	1.789	1.757	1.747	1.727	1.713	1.699	1.684	1.664	1.641	1.8150
—	—	—	—	—	—	—	—	—	—	—	—	1.9282
1.980	2.001	2.014	2.012	2.017	2.033	2.057	2.072	2.100	2.116	2.127	2.148	2.1317
2.166	2.160	2.145	2.118	2.100	2.092	2.092	2.087	2.076	2.074	2.072	2.062	1.8957
1.907	1.900	1.880	1.842	1.818	1.804	1.792	1.788	1.778	1.780	1.776	1.774	1.7225
1.726	1.720	1.718	1.702	1.696	1.689	1.696	1.702	1.706	1.716	1.728	1.732	1.7946
1.812	1.822	1.818	1.816	1.810	1.807	1.820	1.828	1.842	1.852	1.861	1.866	1.8371
1.867	1.862	1.838	1.827	1.812	1.804	1.802	1.803	1.806	1.815	1.815	1.816	1.3563
—	—	—	—	—	—	—	—	—	—	—	—	1.5822
1.274	1.290	1.305	1.289	1.303	1.321	1.355	1.382	1.402	1.418	1.430	1.450	1.3324
1.680	1.678	1.669	1.647	1.623	1.611	1.605	1.593	1.590	1.573	1.568	1.547	1.5297
1.321	1.287	1.283	1.279	1.257	1.248	1.240	1.234	1.235	1.241	1.269	1.282	1.5805
1.591	1.616	1.621	1.621	1.627	1.623	1.635	1.646	1.649	1.657	1.655	1.635	1.713
1.581	1.579	1.564	1.539	1.529	1.545	1.581	1.596	1.617	1.659	—	—	1.8385
1.896	1.908	1.903	1.875	1.870	1.860	1.858	1.861	1.864	1.876	1.890	1.902	1.6959
—	—	—	—	—	—	—	—	—	—	—	—	1.4864
1.719	1.704	1.669	1.618	1.585	1.549	1.554	1.538	1.535	1.529	1.521	1.498	1.7904
1.457	1.463	1.475	1.481	1.495	1.505	1.539	1.555	1.588	1.621	1.643	1.667	1.9269
1.848	1.849	1.830	1.814	1.799	1.786	1.780	1.782	1.795	1.800	1.802	1.811	2.0770
1.980	1.989	1.988	1.972	1.974	1.975	1.982	1.983	2.002	2.017	2.034	2.056	1.8947
2.120	2.112	2.097	2.081	2.077	2.073	2.067	2.057	2.065	2.084	2.100	2.115	1.4144
1.955	1.936	1.910	1.858	1.806	1.744	1.705	1.670	1.604	1.538	1.516	1.502	1.4095
—	—	—	—	—	—	—	—	—	—	—	—	1.7935
1.457	1.415	1.388	1.353	1.310	1.300	1.294	1.289	1.289	1.292	1.305	1.322	2.0801
1.425	1.408	1.388	1.382	1.380	1.366	1.388	1.436	1.476	1.491	1.517	1.530	1.7392
1.840	1.856	1.876	1.894	1.908	1.916	1.936	1.952	1.982	1.994	2.021	2.041	2.0801
2.093	2.110	2.114	2.104	2.089	2.072	2.075	2.096	2.111	2.132	2.162	2.184	1.7392
1.7699	1.7683	1.7598	1.7425	1.7297	1.7268	1.7261	1.7299	1.7366	1.7451	1.7558	1.7602	2.2742
2.293	2.305	2.298	2.299	2.296	2.274	2.282	2.286	2.289	2.301	2.322	2.336	2.3518
2.402	2.398	2.386	2.380	2.344	2.311	2.303	2.302	2.305	2.304	2.317	2.306	1.9879
—	—	—	—	—	—	—	—	—	—	—	—	2.1315
1.963	1.978	1.976	1.965	1.967	1.970	1.992	1.994	2.013	2.017	2.046	2.055	2.0174
2.182	2.186	2.177	2.171	2.152	2.144	2.148	2.143	2.153	2.161	2.162	2.163	1.6480
2.071	2.056	2.032	1.982	1.941	1.918	1.903	1.884	1.874	1.860	1.850	1.824	1.8476
1.542	1.567	1.567	1.599	1.621	1.663	1.673	1.703	1.722	1.750	1.773	1.782	2.0588
1.866	1.874	1.858	1.855	1.855	1.864	1.868	1.886	1.911	1.930	1.966	1.978	2.1677
2.078	2.089	2.078	2.070	2.054	2.060	2.068	2.070	2.084	2.100	2.110	1.115	2.0884
—	—	—	—	—	—	—	—	—	—	—	—	1.9676
2.210	2.209	2.202	2.192	2.168	2.156	2.150	2.150	2.140	2.160	2.166	2.158	1.8450
2.110	2.106	2.087	2.062	2.044	2.030	2.027	2.028	2.028	2.030	2.034	2.039	1.6622
1.972	1.974	1.965	1.942	1.930	1.926	1.923	1.924	1.922	1.934	1.941	1.941	1.6133
1.877	1.881	1.850	1.826	1.789	1.761	1.757	1.758	1.746	1.735	1.735	1.732	1.6297
1.677	1.668	1.660	1.637	1.622	1.611	1.611	1.614	1.629	1.646	1.656	1.671	1.4816
1.592	1.598	1.603	1.590	1.589	1.588	1.598	1.598	1.613	1.626	1.616	1.623	1.5838
—	—	—	—	—	—	—	—	—	—	—	—	1.7642
1.647	1.657	1.651	1.637	1.622	1.618	1.617	1.614	1.623	1.631	1.634	1.630	2.0571
1.476	1.475	1.467	1.432	1.413	1.403	1.392	1.392	1.401	1.415	1.424	1.431	2.2106
1.592	1.599	1.615	1.635	1.655	1.679	1.701	1.725	1.749	1.776	1.795	1.828	1.9020
1.814	1.782	1.736	1.673	1.599	1.557	1.608	1.629	1.630	1.675	1.731	1.756	2.0530
2.138	2.140	2.136	2.134	2.124	2.142	2.154	2.168	2.198	2.196	2.211	2.217	2.2234
2.233	2.235	2.222	2.218	2.192	2.182	2.182	2.180	2.184	2.186	2.188	2.186	2.0623
—	—	—	—	—	—	—	—	—	—	—	—	1.9606
1.855	1.850	1.839	1.812	1.806	1.804	1.808	1.822	1.829	1.864	1.880	1.900	2.0823
2.085	2.092	2.084	2.078	2.061	2.076	2.084	2.100	2.108	2.131	2.155	2.170	1.9498
2.276	2.279	2.267	2.245	2.214	2.208	2.203	2.193	2.188	2.195	2.204	2.186	—
2.076	2.070	2.058	2.024	2.008	1.997	1.994	1.992	1.983	1.980	1.980	1.966	—
1.992	2.000	1.977	1.966	1.956	1.942	1.938	1.929	1.942	—	1.962	1.973	—
2.126	2.162	2.164	2.145	2.142	2.156	2.160	2.176	2.185	2.203	2.212	2.207	—
1.9671	1.9704	1.9598	1.9450	1.9294	1.9246	1.9286	1.9331	1.9403	1.9522	1.9642	1.9682	—

BAROMETRIC PRESSURE.													
Barometer at 32° = English inches + the numbers in the Table.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
JULY.	1	2'230	2'226	2'205	—	—	—	—	—	—	—	—	
	2	—	—	—	1'718	1'674	1'630	1'622	1'613	1'602	1'580	1'564	1'572
	3	1'436	1'444	1'438	1'439	1'448	1'448	1'450	1'450	1'446	1'464	1'496	1'498
	4	1'669	1'679	1'684	1'686	1'686	1'690	1'676	1'670	1'660	1'644	1'621	1'645
	5	1'696	1'718	1'728	1'738	1'752	1'778	1'794	1'808	1'832	1'872	1'892	1'924
	6	2'069	2'085	2'091	2'087	2'091	2'093	2'097	2'099	2'103	2'121	2'133	2'113
	7	2'168	2'177	2'177	2'177	2'181	2'183	2'177	2'177	2'183	2'195	2'211	2'219
	8	2'252	2'255	2'260	—	—	—	—	—	—	—	—	—
	9	—	—	—	2'242	2'233	2'224	2'214	2'212	—	2'222	2'228	2'240
	10	2'232	2'230	2'237	2'235	2'231	2'231	2'231	2'231	2'239	2'249	2'263	2'281
	11	2'288	2'284	2'290	2'279	2'273	2'267	2'261	2'258	2'259	2'260	2'271	2'269
	12	2'236	2'226	2'218	2'207	2'193	2'185	2'173	2'162	2'168	2'168	2'172	2'176
	13	2'012	1'993	1'979	1'959	1'927	1'927	1'902	1'886	—	1'861	1'885	1'925
	14	2'104	2'108	2'107	2'098	2'100	2'094	2'080	2'074	2'062	2'049	2'047	2'034
	15	2'018	2'030	2'050	—	—	—	—	—	—	—	—	—
	16	—	—	—	2'112	2'102	2'090	2'074	2'060	2'046	2'034	2'028	2'032
	17	1'895	1'892	1'878	1'866	1'830	1'828	1'808	1'808	1'808	1'812	1'832	1'862
	18	2'126	2'136	2'144	2'151	2'160	2'170	2'181	2'190	—	2'220	2'240	2'252
	19	2'357	2'355	2'357	2'351	2'337	2'326	2'321	2'311	2'305	2'307	2'309	2'305
	20	2'295	2'299	2'296	2'291	2'291	2'291	2'286	2'283	2'281	2'294	2'302	2'326
	21	2'340	2'342	2'338	2'323	2'317	2'320	2'320	2'320	2'327	2'333	2'339	2'347
	22	2'286	2'285	2'279	—	—	—	—	—	—	—	—	—
	23	—	—	—	1'982	1'968	1'962	1'942	1'924	1'918	1'902	1'896	1'892
	24	1'589	1'569	1'526	1'492	1'471	1'479	1'487	1'495	1'501	1'522	1'538	1'558
	25	1'540	1'551	1'556	1'573	1'578	1'578	1'602	1'616	1'652	1'686	1'710	1'750
	26	1'989	2'001	2'009	2'009	2'011	2'017	2'027	2'027	2'049	2'065	2'076	2'090
	27	2'217	2'223	2'229	2'227	—	2'230	2'226	2'226	2'227	2'243	2'259	2'269
	28	2'206	2'202	2'196	2'188	2'183	2'169	2'155	2'145	2'146	2'150	2'154	2'158
	29	2'052	2'040	2'036	—	—	—	—	—	—	—	—	—
	30	—	—	—	1'946	1'906	1'886	1'870	1'872	1'872	1'875	1'879	1'889
	31	1'768	1'766	1'760	1'754	1'729	1'721	1'714	1'712	1'714	1'711	1'702	1'704
Hourly Means	2'0412	2'0429	2'0411	2'0051	1'9869	1'9930	1'9881	1'9857	1'9739	1'9938	2'0018	2'0138	
AUGUST.	1	1'730	1'734	1'738	1'755	—	1'767	1'777	1'783	1'801	1'825	1'849	1'885
	2	1'986	1'986	1'990	1'982	1'974	1'972	1'964	1'952	1'955	1'958	1'966	1'973
	3	1'816	1'790	1'772	1'735	—	1'685	1'662	1'669	1'677	1'693	1'707	1'721
	4	1'634	1'606	1'586	1'572	1'552	1'568	1'583	1'594	1'632	1'680	1'721	1'760
	5	2'042	2'057	2'069	—	—	—	—	—	—	—	—	—
	6	—	—	—	2'271	2'270	2'263	2'256	2'259	2'261	2'274	2'280	2'296
	7	2'276	2'263	2'259	2'259	2'257	2'259	2'253	2'257	2'249	2'249	2'246	2'252
	8	2'140	2'138	2'126	2'114	2'102	2'090	2'076	2'060	2'051	2'056	2'062	2'068
	9	1'880	1'862	1'844	1'818	1'784	1'757	1'734	1'714	1'678	1'663	1'643	1'604
	10	1'293	1'287	1'288	1'288	1'284	1'296	1'298	1'308	—	1'352	1'370	1'408
	11	1'781	1'795	1'818	1'838	1'858	1'867	1'875	1'879	1'924	1'942	1'961	1'984
	12	2'161	2'172	2'182	—	—	—	—	—	—	—	—	—
	13	—	—	—	2'188	2'174	2'156	2'144	2'135	2'129	2'117	2'105	2'104
	14	1'849	1'820	1'808	1'796	1'780	1'759	1'740	1'718	1'700	1'686	1'666	1'650
	15	1'420	1'400	1'373	1'350	1'330	1'314	1'298	1'286	1'256	1'250	1'255	1'267
	16	1'220	1'235	1'245	1'247	1'252	1'264	1'275	1'287	1'305	1'327	1'341	1'387
	17	1'502	1'514	1'524	1'533	1'542	1'557	1'573	1'585	1'607	1'633	1'647	1'671
	18	1'773	1'776	1'780	1'783	1'789	1'789	1'792	1'794	1'808	1'818	1'844	1'856
	19	1'984	2'000	2'011	—	—	—	—	—	—	—	—	—
	20	—	—	—	1'963	1'952	1'942	1'926	1'902	1'890	1'880	1'862	1'857
	21	1'496	1'476	1'457	1'439	1'401	1'363	1'337	1'320	—	1'328	1'338	1'382
	22	1'520	1'520	1'519	1'517	1'509	1'500	1'492	1'488	—	1'486	1'482	1'487
	23	1'544	1'556	1'574	1'607	1'636	1'662	1'696	1'704	1'744	1'810	1'858	1'894
	24	2'023	2'004	1'973	1'949	1'935	1'925	1'914	1'926	1'930	1'936	1'950	1'974
	25	1'928	1'922	1'914	1'898	1'892	1'874	1'861	1'857	1'858	1'858	1'860	1'862
	26	1'801	1'793	1'773	—	—	—	—	—	—	—	—	—
	27	—	—	—	1'788	1'788	1'788	1'772	1'768	1'772	1'776	1'790	1'808
	28	1'866	1'860	1'850	1'854	1'856	1'846	1'840	1'844	1'851	1'859	1'871	1'879
	29	1'833	1'823	1'812	1'800	1'792	1'781	1'766	1'760	—	1'754	1'764	1'772
	30	1'619	1'614	1'594	1'578	1'556	1'537	1'514	1'506	1'475	1'453	1'440	1'429
	31	1'196	1'176	1'123	1'073	—	0'977	0'939	0'921	0'891	0'873	0'860	0'860
Hourly Means	1'7523	1'7474	1'7408	1'7406	1'7610	1'7244	1'7169	1'7139	1'7584	1'7236	1'7310	1'7441	

BAROMETRIC PRESSURE.												
Barometer at 32° = 28 English inches + the numbers in the Table.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
—	—	—	—	—	—	—	—	—	—	—	—	1·6162
1·576	1·562	1·516	1·454	1·447	1·427	1·407	1·411	1·413	1·454	1·444	1·443	1·5004
1·515	1·514	1·532	1·505	1·503	1·512	1·524	1·538	1·566	1·587	1·617	1·639	1·6615
1·658	1·674	1·676	1·661	1·667	1·634	1·620	1·634	1·643	1·650	1·664	1·684	1·8937
1·952	1·951	1·971	1·967	1·962	1·964	1·982	2·000	2·016	2·040	2·049	2·063	2·1263
2·158	2·168	2·164	2·141	2·134	2·138	2·138	2·146	2·152	2·152	2·163	2·166	2·2049
2·221	2·233	2·227	2·218	2·207	2·209	2·215	2·227	2·221	2·225	2·238	2·252	2·2262
—	—	—	—	—	—	—	—	—	—	—	—	2·2577
2·246	2·247	2·238	2·221	2·205	2·198	2·194	2·203	2·205	2·215	2·222	2·226	2·2580
2·286	2·294	2·287	2·274	2·268	2·259	2·259	2·261	2·261	2·274	2·282	2·290	2·1344
2·287	2·294	2·278	2·263	2·239	2·230	2·222	2·221	2·216	2·229	2·224	2·229	1·9685
2·175	2·162	2·142	2·108	2·079	2·061	2·047	2·039	2·036	2·037	2·032	2·024	2·0171
1·934	1·958	1·968	1·958	1·965	1·982	1·987	2·012	2·031	2·055	2·078	2·092	1·9983
2·024	2·009	1·996	1·970	1·929	1·913	1·891	1·893	1·924	1·946	1·975	1·983	1·9166
—	—	—	—	—	—	—	—	—	—	—	—	2·2440
2·024	2·011	1·996	1·964	1·948	1·922	1·909	1·897	1·896	1·910	1·906	1·901	2·3011
1·887	1·923	1·936	1·942	1·956	1·972	1·986	2·008	2·027	2·054	2·079	2·110	2·3038
2·284	2·293	2·298	2·308	2·288	2·289	2·293	2·310	2·312	2·324	2·333	2·341	2·3255
2·311	2·307	2·288	2·263	2·249	2·241	2·249	2·263	2·265	2·275	2·281	2·294	1·8714
2·327	2·331	2·330	2·322	2·295	2·286	2·286	2·297	2·309	2·319	2·327	2·327	1·5233
2·355	2·370	2·354	2·337	2·315	2·313	2·309	2·305	2·305	2·301	2·295	2·288	1·7384
—	—	—	—	—	—	—	—	—	—	—	—	2·0863
1·876	1·856	1·829	1·788	1·740	1·708	1·686	1·670	1·656	1·639	1·622	1·608	2·2319
1·572	1·573	1·558	1·540	1·523	1·511	1·507	1·501	1·495	1·509	1·519	1·524	2·1288
1·766	1·794	1·802	1·810	1·816	1·826	1·848	1·884	1·920	1·934	1·953	1·977	1·8657
2·102	2·108	2·120	2·122	2·120	2·128	2·132	2·140	2·160	2·178	2·190	2·202	1·7086
2·276	2·283	2·274	2·250	2·230	2·218	2·214	2·204	2·198	2·204	2·203	2·203	—
2·157	2·150	2·128	2·104	2·085	2·068	2·062	2·056	2·057	2·052	2·068	2·052	—
—	—	—	—	—	—	—	—	—	—	—	—	—
1·884	1·881	1·852	1·840	1·808	1·789	1·772	1·765	1·763	1·762	1·768	1·769	—
1·708	1·708	1·702	1·675	1·658	1·655	1·661	1·667	1·684	1·702	1·708	1·723	—
2·0216	2·0252	2·0175	2·0002	1·9860	1·9790	1·9769	1·9828	1·9897	2·0010	2·0092	2·0158	2·0032
1·901	1·916	1·920	1·902	1·902	1·908	1·922	1·935	1·952	1·958	1·973	1·981	1·8615
1·968	1·965	1·952	1·911	1·885	1·862	1·863	1·852	1·854	1·848	1·849	1·832	1·9291
1·719	1·739	1·730	1·726	1·727	1·713	1·715	1·726	1·719	1·704	1·696	1·666	1·7177
1·809	1·853	1·864	1·882	1·890	1·907	1·926	1·942	1·970	2·002	2·024	2·038	1·7748
—	—	—	—	—	—	—	—	—	—	—	—	2·2338
2·297	2·290	2·281	2·264	2·239	2·211	2·223	2·217	2·227	2·248	2·252	2·264	2·2147
2·253	2·247	2·228	2·201	2·173	2·160	2·139	2·127	2·134	2·133	2·143	2·135	2·0182
2·054	2·043	2·016	1·980	1·946	1·927	1·914	1·902	1·904	1·892	1·887	1·890	1·5558
1·569	1·529	1·476	1·420	1·378	1·358	1·328	1·290	1·244	1·248	1·251	1·267	1·4570
1·438	1·456	1·478	1·495	1·521	1·554	1·594	1·620	1·663	1·704	1·750	1·766	1·9725
2·025	2·036	2·046	2·036	2·031	2·047	2·059	2·067	2·090	2·107	2·128	2·146	—
—	—	—	—	—	—	—	—	—	—	—	—	2·0448
2·096	2·076	2·052	2·006	1·954	1·918	1·892	1·869	1·863	1·862	1·862	1·858	1·6345
1·635	1·624	1·601	1·566	1·530	1·516	1·495	1·473	1·466	1·454	1·453	1·442	1·2505
1·264	1·236	1·213	1·186	1·161	1·149	1·133	1·133	1·165	1·176	1·194	1·203	1·3605
1·108	1·416	1·418	1·413	1·416	1·422	1·424	1·446	1·455	1·474	1·482	1·494	1·6457
1·698	1·703	1·712	1·705	1·689	1·703	1·712	1·710	1·724	1·738	1·749	1·766	1·8492
1·869	1·880	1·886	1·875	1·870	1·866	1·870	1·891	1·908	1·932	1·966	1·965	—
—	—	—	—	—	—	—	—	—	—	—	—	1·7861
1·834	1·796	1·762	1·710	1·659	1·615	1·591	1·571	1·556	1·549	1·532	1·523	1·4213
1·400	1·406	1·426	1·421	1·423	1·429	1·447	1·447	1·462	1·485	1·500	1·507	1·4732
1·479	1·462	1·456	1·433	1·399	1·393	1·403	1·412	1·437	1·468	1·503	1·518	1·8302
1·930	1·941	1·956	1·944	1·935	1·954	1·960	1·973	1·988	2·008	2·021	2·029	1·9450
1·983	1·980	1·966	1·941	1·916	1·912	1·912	1·912	1·920	1·925	1·938	1·946	1·8418
1·854	1·850	1·835	1·810	1·788	1·778	7·766	1·771	1·776	1·786	1·808	1·798	—
—	—	—	—	—	—	—	—	—	—	—	—	1·7935
1·805	1·800	1·797	1·782	1·774	1·776	1·778	1·786	1·802	1·825	1·842	1·860	1·8490
1·876	1·868	1·862	1·852	1·836	1·830	1·826	1·826	1·829	1·832	1·832	1·830	1·7231
1·760	1·741	1·718	1·698	1·669	1·653	1·630	1·619	1·615	1·623	1·620	1·628	1·4158
1·432	1·411	1·392	1·358	1·326	1·305	1·277	1·255	1·242	1·233	1·227	1·207	0·8847
0·843	0·820	0·816	0·788	0·783	0·776	0·774	0·768	0·778	0·782	0·771	0·760	—
1·7481	1·7437	1·7355	1·7150	1·6970	1·6904	1·6879	1·6867	1·6942	1·7036	1·7131	1·7151	1·7240

BAROMETRIC PRESSURE.													
Barometer at 32° = 28 English inches + the numbers in the Table.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
SEPTEMBER.	1	0·757	0·737	0·713	0·683	0·663	0·632	0·596	0·599	0·625	0·640	0·690	0·694
	2	0·997	1·017	1·014	—	—	—	—	—	—	—	—	—
	3	—	—	—	1·072	1·081	1·081	1·091	1·137	1·171	1·207	1·243	1·295
	4	1·376	1·367	1·357	1·348	1·326	1·292	1·254	1·240	—	1·210	1·160	1·169
	5	0·811	0·776	0·754	0·740	0·733	0·709	0·715	0·707	0·747	0·811	0·865	0·899
	6	1·202	1·227	1·237	1·257	—	—	1·295	1·319	1·335	1·343	1·401	1·426
	7	1·788	1·799	1·822	1·832	1·842	1·846	1·848	1·838	1·869	1·889	1·916	1·942
	8	2·040	2·046	2·046	2·048	—	2·048	2·048	2·052	2·066	2·082	2·094	2·107
	9	—	2·122	2·115	—	—	—	—	—	—	—	—	—
	10	—	—	—	1·948	1·944	1·938	1·942	1·948	1·956	1·959	1·979	1·991
	11	1·978	1·973	1·946	1·920	1·898	1·878	1·840	1·824	1·818	1·810	1·808	1·810
	12	1·845	1·842	1·837	1·817	1·809	1·809	1·812	1·818	1·834	1·846	1·860	1·866
	13	1·669	1·675	1·659	1·627	—	1·568	1·538	1·494	1·458	1·426	1·427	1·397
	14	1·277	1·279	1·279	1·288	1·283	1·259	1·246	1·221	1·203	1·187	1·180	1·180
	15	1·586	1·594	1·602	1·610	1·654	1·658	1·683	1·717	—	1·795	1·855	1·879
	16	1·998	1·997	1·996	—	—	—	—	—	—	—	—	—
	17	—	—	—	2·046	2·054	2·066	2·073	2·087	2·087	2·113	2·137	2·152
	18	2·188	2·197	2·191	2·189	2·192	2·188	2·190	2·196	2·200	2·218	2·234	2·238
	19	2·207	2·210	2·208	2·207	2·204	2·198	2·186	2·186	—	2·204	2·212	2·212
	20	2·154	2·156	2·153	2·141	2·128	2·114	2·117	2·111	2·115	2·121	2·127	2·126
	21	2·027	2·020	2·008	2·002	1·994	1·970	1·954	1·946	1·942	1·949	1·948	1·940
	22	1·723	1·693	1·662	1·626	—	1·553	1·521	1·497	—	1·473	1·467	1·458
	23	1·303	1·280	1·255	—	—	—	—	—	—	—	—	—
	24	—	—	—	0·945	0·932	0·920	0·910	0·914	0·919	0·925	0·910	0·900
	25	1·138	1·182	1·212	1·249	1·280	1·306	1·325	1·353	1·367	1·377	1·421	1·441
	26	1·451	1·431	1·414	1·388	1·353	1·316	1·334	1·326	1·328	1·338	1·344	1·360
	27	1·688	1·716	1·739	1·753	1·767	1·783	1·795	1·814	1·839	1·847	1·877	1·892
	28	1·898	1·890	1·881	1·874	1·864	1·856	1·848	1·842	1·834	1·830	1·841	1·841
	29	1·786	1·805	1·813	1·820	1·815	1·818	1·818	1·818	1·829	1·841	1·836	1·832
Hourly Means	1·6203	1·6412	1·6365	1·6172	1·6102	1·6169	1·5992	1·6002	1·5972	1·6176	1·6333	1·6419	

BAROMETRIC PRESSURE.												
Barometer at 32° = 28 English inches + the numbers in the Table.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
0.726	0.718	0.729	0.759	0.787	0.811	0.841	0.859	0.903	0.936	0.969	0.994	0.7530
1.309	1.312	1.319	1.308	1.293	1.309	1.318	1.319	1.344	1.367	1.372	1.378	1.2231
1.121	1.087	1.050	1.013	0.985	0.978	0.966	0.948	0.939	0.917	0.889	0.845	1.1233
0.921	0.932	0.940	0.957	0.984	1.001	1.013	1.065	1.079	1.115	1.146	1.170	0.8996
1.472	1.498	1.538	1.550	1.579	1.603	1.627	1.633	1.680	1.711	1.737	1.760	1.4741
1.950	1.944	1.947	1.950	1.940	1.944	1.953	1.967	1.986	2.006	2.006	2.030	1.9106
2.118	2.106	2.094	2.081	2.070	2.072	2.075	2.079	2.094	2.097	2.118	2.118	2.0782
1.994	1.989	1.978	1.960	1.940	1.924	1.932	1.941	1.956	1.958	1.976	1.978	1.9725
1.794	1.780	1.773	1.754	1.748	1.753	1.766	1.763	1.790	1.812	1.831	1.842	1.8295
1.873	1.866	1.858	1.837	1.808	1.815	1.805	1.812	1.810	1.814	1.769	1.720	1.8242
1.427	1.392	1.393	1.359	1.337	1.334	1.299	1.300	1.310	1.295	1.284	1.260	1.4316
1.192	1.230	1.274	1.289	1.279	1.347	1.391	1.438	1.499	1.520	1.569	1.580	1.3121
1.916	1.924	1.929	1.932	1.926	1.940	1.942	1.954	1.965	1.987	1.996	2.002	1.8281
2.151	2.161	2.152	2.151	2.140	2.130	2.130	2.132	2.142	2.155	2.168	2.165	2.1077
2.242	2.233	2.220	2.209	2.185	2.167	2.157	2.147	2.157	2.171	2.180	2.190	2.1950
2.200	2.186	2.172	2.154	2.123	2.117	2.109	2.105	2.108	2.110	2.130	2.145	2.1693
2.131	2.122	2.090	2.069	2.040	2.026	2.019	2.005	2.009	2.018	2.024	2.029	2.0894
1.927	1.904	1.882	1.854	1.812	1.792	1.772	1.754	1.753	1.752	1.750	1.741	1.8914
1.443	1.424	1.402	1.384	1.355	1.336	1.311	1.297	1.296	1.304	1.305	1.314	1.4875
0.898	0.886	0.865	0.860	0.839	0.847	0.861	0.878	0.915	0.981	1.050	1.105	0.9624
1.466	1.463	1.459	1.451	1.429	1.433	1.429	1.417	1.437	1.440	1.454	1.461	1.3746
1.377	1.386	1.402	1.414	1.425	1.445	1.469	1.495	1.544	1.581	1.620	1.652	1.4247
1.909	1.906	1.905	1.902	1.889	1.887	1.878	1.870	1.871	1.880	1.892	1.896	1.8430
1.823	1.797	1.753	1.742	1.715	1.702	1.689	1.675	1.681	1.703	1.730	1.768	1.7949
1.812	1.786	1.727	1.673	1.636	1.600	1.560	1.545	1.520	1.508	1.522	1.525	1.7185
1.6477	1.6413	1.6340	1.6245	1.6106	1.6125	1.6125	1.6163	1.6316	1.6455	1.6595	1.6668	1.6268

STANDARD THERMOMETER.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
JANUARY.	1	59.4	57.4	56.0	—	—	—	—	—	—	—	—	
	2	—	—	—	59.0	59.8	61.0	61.2	62.2	62.0	62.8	67.0	69.5
	3	48.8	46.6	45.0	45.0	—	44.5	44.4	44.0	45.0	48.2	51.8	52.2
	4	53.0	52.3	52.1	51.7	51.0	49.9	50.0	51.0	53.0	55.2	58.2	61.6
	5	56.6	56.4	56.4	57.1	57.0	57.0	56.8	56.3	—	56.0	59.2	62.0
	6	56.0	54.0	53.5	52.5	50.0	48.8	47.6	47.0	47.2	50.8	54.5	57.2
	7	58.2	57.8	57.7	57.0	57.3	56.7	56.2	55.7	55.7	57.2	61.2	63.8
	8	57.5	56.7	56.0	—	—	—	—	—	—	—	—	—
	9	—	—	—	55.3	55.4	55.3	55.0	54.5	54.7	55.4	56.3	60.2
	10	52.8	52.0	51.0	50.0	48.7	47.4	46.4	46.7	46.8	49.7	52.8	57.5
	11	56.7	55.7	55.1	53.6	52.8	52.5	51.8	51.2	50.7	53.7	58.2	63.0
	12	63.2	62.5	61.3	60.5	60.5	60.0	59.2	59.7	59.6	61.2	65.3	68.9
	13	67.8	65.8	65.3	65.0	64.8	63.7	63.7	62.6	—	64.0	66.0	68.2
	14	63.6	62.4	62.3	60.3	60.2	60.2	60.2	60.6	60.3	61.0	61.6	62.3
	15	53.6	53.4	52.8	—	—	—	—	—	—	—	—	—
	16	—	—	—	—	51.0	49.7	48.8	48.6	49.6	50.8	54.4	58.4
	17	61.6	59.8	58.6	58.0	—	58.4	58.8	57.0	57.7	57.9	61.0	63.2
	18	54.6	53.6	52.8	51.0	50.5	51.0	51.5	51.0	51.7	52.2	53.0	54.7
	19	54.0	52.0	52.0	51.0	50.5	49.2	48.2	47.7	48.6	49.6	54.4	58.4
	20	62.0	61.0	60.7	60.8	59.8	59.4	58.2	57.4	56.6	58.2	58.6	59.8
	21	63.6	62.0	61.0	59.8	59.5	59.3	59.0	58.4	—	59.7	59.3	62.2
	22	56.0	55.0	54.0	—	—	—	—	—	—	—	—	—
	23	—	—	—	56.2	56.2	56.0	56.0	56.0	56.3	57.0	59.0	62.0
	24	61.1	59.8	58.7	58.0	—	56.0	54.8	54.0	54.7	57.2	61.1	65.4
	25	61.0	61.0	61.0	61.0	60.8	60.7	60.7	60.7	60.2	63.2	67.0	68.4
	26	62.3	61.3	60.1	58.6	—	56.4	55.8	55.6	57.0	58.5	63.0	66.8
	27	51.0	51.0	51.0	50.6	—	50.2	48.7	48.0	47.4	48.2	52.3	55.3
	28	54.0	54.0	53.6	53.3	52.7	52.2	51.3	50.9	50.6	50.4	50.2	51.6
	29	49.6	49.3	48.6	—	—	—	—	—	—	—	—	—
	30	—	—	—	50.3	49.8	49.2	49.0	49.2	49.6	51.0	52.7	54.3
	31	52.0	50.3	50.0	50.0	—	50.3	49.7	49.0	49.0	49.0	51.0	54.6
Hourly Means	57.31	56.27	55.64	55.42	55.41	54.42	53.96	53.65	53.22	55.31	58.04	60.83	
FEBRUARY.	1	52.3	52.2	52.3	52.2	52.2	52.2	52.2	51.6	51.5	53.2	56.2	57.2
	2	60.6	59.6	58.6	57.6	57.0	56.8	56.2	54.0	53.7	57.3	60.0	62.6
	3	52.2	50.8	49.5	48.8	48.5	48.2	47.7	47.7	48.2	49.2	51.6	53.2
	4	48.7	48.2	46.8	46.5	—	45.4	45.0	44.6	—	45.2	50.5	53.5
	5	53.0	52.2	52.4	—	—	—	—	—	—	—	—	—
	6	—	—	—	—	54.6	54.6	54.5	52.5	51.8	52.8	54.6	57.2
	7	55.2	54.2	55.4	55.7	54.8	54.2	54.0	53.2	53.2	54.2	55.0	57.8
	8	56.6	56.6	57.0	57.2	57.0	57.0	57.3	57.2	56.7	57.4	58.4	60.3
	9	59.3	59.3	59.0	58.8	59.4	59.5	59.5	59.7	60.2	60.6	62.4	65.0
	10	64.2	62.7	61.5	60.7	59.5	58.4	57.4	56.4	56.3	57.8	61.3	65.0
	11	68.0	66.6	65.0	64.6	69.2	69.5	68.7	68.3	—	67.6	70.6	74.9
	12	63.7	66.3	64.1	—	—	—	—	—	—	—	—	—
	13	—	—	—	57.0	56.8	56.6	56.6	56.4	56.2	55.6	56.2	56.3
	14	56.0	56.2	56.2	56.0	—	55.7	55.6	55.6	55.9	56.2	57.2	59.2
	15	52.2	50.5	49.2	49.4	49.6	48.7	47.7	46.6	46.2	49.4	51.4	52.2
	16	48.0	47.7	47.6	47.8	47.6	47.4	48.0	48.0	48.7	48.8	50.0	52.2
	17	54.4	53.2	54.0	53.0	51.0	49.3	48.3	47.8	47.0	47.8	49.8	54.5
	18	59.8	57.7	56.2	56.0	55.8	54.8	53.6	53.3	—	54.6	56.8	60.6
	19	61.5	61.3	61.0	—	—	—	—	—	—	—	—	—
	20	—	—	—	57.5	57.0	57.0	57.0	57.2	57.4	57.3	57.5	58.3
	21	53.0	53.0	53.2	54.5	54.2	54.2	51.9	52.6	52.4	52.2	53.2	55.8
	22	54.1	52.8	52.1	52.6	—	53.0	53.0	52.6	53.0	53.3	54.3	54.8
	23	57.0	56.6	56.0	55.0	—	55.2	55.0	55.2	54.1	54.4	58.7	58.5
	24	56.8	55.0	54.8	54.8	55.2	55.0	53.8	52.7	52.2	51.2	55.0	57.6
	25	61.0	59.3	58.2	57.0	56.0	55.2	54.0	53.4	54.3	54.7	56.7	60.6
	26	56.7	56.0	56.0	—	—	—	—	—	—	—	—	—
	27	—	—	—	53.2	53.2	53.5	53.5	53.0	52.8	52.6	54.6	57.8
	28	56.4	55.6	55.9	55.8	55.8	55.6	55.4	55.4	55.2	55.8	56.8	59.5
	29	61.0	60.6	60.2	59.8	59.8	59.2	58.9	59.0	59.0	59.3	60.6	62.1
Hourly Means	56.87	56.17	55.69	55.06	55.44	54.65	54.20	53.76	53.45	54.34	56.38	58.67	

STANDARD THERMOMETER.												Daily and Monthly Means.	
12	13	14	15	16	17	18	19	20	21	22	23		
21	22	23	0	1	2	3	4	5	6	7	8		
—	—	—	—	—	—	—	—	—	—	—	—	—	62°39
72°8	74°8	71°0	68°2	67°6	68°4	62°6	60°4	57°8	55°4	51°2	49°8	53°29	
57°2	57°4	56°6	58°2	59°0	60°5	61°0	60°0	63°3	64°0	58°0	54°9	59°67	
64°4	66°8	69°0	71°7	74°5	71°3	68°3	66°3	63°5	61°8	58°3	57°2	61°13	
65°1	69°0	67°1	66°7	67°0	64°8	65°0	65°5	63°2	63°8	60°8	57°2	59°41	
59°8	63°4	66°5	64°7	70°8	72°8	73°2	72°0	71°5	70°0	62°0	60°0	62°04	
66°7	69°2	70°2	73°8	72°1	66°3	66°2	66°4	64°6	61°4	59°5	58°1	58°95	
—	—	—	—	—	—	—	—	—	—	—	—	56°50	
61°5	60°8	63°2	61°8	61°6	63°0	64°0	65°0	65°8	64°8	57°0	54°0	63°63	
60°0	62°8	63°2	64°0	65°2	64°3	64°0	64°2	64°5	62°3	60°6	58°9	68°17	
66°8	70°0	73°3	76°2	78°5	80°5	80°8	74°2	71°2	69°3	66°5	64°8	69°46	
72°4	75°6	76°4	77°6	77°6	78°3	78°5	74°8	74°7	71°3	68°7	68°3	61°80	
73°2	77°0	76°5	79°5	78°6	76°8	78°0	73°2	70°6	67°3	65°7	64°3	59°60	
63°0	62°0	62°6	62°5	66°0	66°6	65°4	64°8	62°2	59°6	58°0	55°4	60°73	
—	—	—	—	—	—	—	—	—	—	—	—	55°94	
61°6	63°4	65°7	67°5	69°3	68°8	69°5	69°3	68°8	67°4	64°9	63°4	60°33	
65°6	66°6	68°2	68°6	68°8	65°6	63°8	58°0	55°8	55°2	54°2	54°3	63°65	
57°0	58°0	59°4	60°0	60°8	61°8	61°8	61°5	60°6	60°6	57°4	56°0	63°16	
61°6	64°9	67°7	70°8	71°0	75°1	75°6	74°4	72°6	70°0	65°7	63°0	62°02	
—	60°5	65°3	69°4	72°0	75°4	73°0	70°0	67°6	66°8	66°4	65°0	64°36	
62°4	66°6	65°6	67°0	66°5	67°7	70°0	70°9	68°0	65°2	61°0	58°0	67°31	
—	—	—	—	—	—	—	—	—	—	—	—	57°14	
66°2	65°2	67°3	71°7	70°0	69°4	67°5	70°5	70°0	66°4	63°0	61°7	53°99	
68°3	70°4	75°0	77°4	73°8	72°2	74°0	74°2	65°8	64°2	62°4	61°7	53°09	
71°6	74°0	77°2	79°8	82°4	75°2	71°3	71°4	70°7	69°3	63°6	63°3	54°24	
63°8	61°9	59°5	56°0	53°0	52°6	52°6	52°6	53°0	52°6	50°3	50°8	53°43	
57°6	59°0	61°0	58°0	57°0	58°5	57°2	56°0	58°3	56°9	54°7	54°0	60°21	
55°2	58°7	56°6	57°0	52°0	57°8	52°7	53°3	53°6	51°1	51°0	50°4	59°86	
—	—	—	—	—	—	—	—	—	—	—	—	62°02	
56°3	57°6	57°4	59°4	62°0	60°7	61°5	57°8	60°1	58°3	55°2	52°8	62°02	
58°0	56°6	55°3	57°5	57°8	58°8	58°0	56°0	56°5	54°2	53°0	52°4	52°05	
63°52	65°08	66°03	67°12	67°50	67°43	66°75	65°49	64°40	62°66	59°58	58°06	54°59	
61°6	64°7	68°8	72°7	73°0	70°0	69°0	67°5	67°0	66°0	62°4	61°6	57°07	
66°2	71°0	74°0	70°2	70°0	72°6	68°8	62°8	66°2	60°5	57°8	54°5	58°25	
52°0	55°0	54°5	57°0	57°7	56°6	54°7	57°6	54°3	54°3	51°0	49°0	60°60	
56°3	57°2	59°7	60°1	61°8	61°6	62°6	67°4	66°8	60°6	57°0	55°4	66°02	
—	—	—	—	—	—	—	—	—	—	—	—	67°62	
59°6	62°0	61°2	62°6	62°2	61°6	62°0	60°7	60°0	58°4	56°6	55°6	72°26	
62°3	65°0	66°2	65°0	64°5	62°4	62°6	61°8	59°4	58°0	57°0	57°0	59°90	
63°0	64°2	65°4	66°6	68°5	67°7	66°6	63°2	61°6	60°7	59°0	59°1	57°84	
69°0	71°5	74°7	73°2	74°6	74°0	74°7	73°6	73°2	70°4	67°3	65°6	50°90	
70°0	72°4	75°6	78°0	79°2	79°0	79°8	79°2	76°8	72°6	70°6	68°6	53°30	
77°6	82°0	86°6	90°0	78°0	78°5	75°2	71°5	70°2	68°5	66°4	64°5	57°23	
—	—	—	—	—	—	—	—	—	—	—	—	61°92	
58°8	61°4	64°6	65°3	65°8	64°5	63°0	62°4	58°8	57°8	57°0	56°4	56°94	
62°4	66°0	68°2	61°2	59°2	57°0	58°8	56°5	56°8	53°5	—	53°0	55°28	
51°2	52°6	54°0	53°2	51°6	54°8	56°2	54°2	54°3	49°3	48°8	48°1	56°65	
54°0	55°4	56°9	60°0	61°0	61°6	61°8	61°0	59°0	56°5	55°2	55°0	58°90	
59°2	62°6	61°8	64°6	67°0	65°8	67°0	65°0	63°8	63°8	62°1	60°8	60°28	
64°0	67°6	71°0	71°4	71°0	69°5	68°2	67°3	65°9	64°3	62°7	62°0	59°61	
—	—	—	—	—	—	—	—	—	—	—	—	57°74	
56°0	57°0	57°4	57°2	58°0	57°0	55°5	54°0	54°0	54°8	52°6	53°0	60°52	
58°0	58°6	59°0	58°8	57°0	56°4	56°2	57°8	57°5	56°6	55°7	55°0	65°50	
56°3	57°4	58°6	62°3	61°8	61°0	61°2	61°6	61°4	59°8	58°6	57°4	—	
60°0	61°6	61°8	63°0	61°8	62°2	63°0	63°1	62°8	61°2	59°6	58°8	—	
61°8	64°0	67°3	70°7	72°4	68°9	68°4	66°6	64°3	63°5	62°6	62°0	—	
63°8	66°5	66°2	63°2	63°2	63°8	63°8	63°8	61°0	59°2	58°5	57°3	—	
—	—	—	—	—	—	—	—	—	—	—	—	—	
58°4	59°8	61°2	62°5	63°8	64°6	64°2	63°3	61°7	59°2	57°6	56°6	—	
62°2	64°6	66°6	64°2	66°4	68°4	67°6	68°0	64°6	63°0	62°0	61°6	—	
65°4	67°6	69°5	72°0	74°2	76°2	78°2	77°7	74°8	69°8	64°5	62°5	—	
61°16	63°51	65°23	65°82	65°75	65°43	65°16	64°30	63°05	60°90	59°28	58°02	59°31	

STANDARD THERMOMETER.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
MARCH.	1	61°0	60°2	59°0	58°3	58°2	58°0	57°8	58°8	59°0	59°0	60°8	60°8
	2	60°6	60°6	60°6	59°8	—	55°6	56°0	56°0	55°8	55°7	57°0	58°3
	3	59°8	59°6	59°0	58°4	56°7	55°7	55°2	55°0	—	54°7	56°5	59°3
	4	54°8	53°8	52°2	—	—	—	—	—	—	—	—	—
	5	—	—	—	56°4	55°6	54°8	53°6	52°6	51°8	52°3	56°0	58°8
	6	59°8	57°7	57°2	57°0	—	55°5	55°7	55°0	54°6	54°4	57°4	59°6
	7	59°0	57°8	57°0	56°4	55°6	56°2	57°4	57°2	57°2	57°2	58°5	60°0
	8	54°6	52°7	51°8	51°7	51°2	50°3	49°5	48°8	47°8	48°0	50°5	55°2
	9	56°4	54°8	56°4	56°6	54°2	53°2	52°8	52°0	52°0	51°6	55°2	58°2
	10	62°2	61°3	60°3	59°5	58°5	58°5	58°2	59°0	58°0	57°6	60°4	61°6
	11	64°4	65°0	65°0	—	—	—	—	—	—	—	—	—
	12	—	—	—	63°5	63°3	62°2	61°0	60°2	59°4	58°3	61°5	63°0
	13	65°5	62°5	60°0	59°5	58°1	57°2	56°3	55°3	—	54°4	55°8	58°0
	14	59°2	58°5	58°2	57°7	56°8	56°4	55°6	54°4	54°0	53°5	53°0	52°8
	15	51°6	51°6	51°6	51°6	51°5	50°8	50°0	50°0	50°2	50°2	51°2	52°6
	16	52°5	51°5	51°8	51°5	50°3	49°6	49°3	49°4	49°6	49°6	50°4	52°0
	17	60°6	60°0	59°1	59°0	59°0	59°2	59°2	59°6	59°8	60°0	60°3	62°5
	18	65°6	64°0	63°4	—	—	—	—	—	—	—	—	—
	19	—	—	—	62°3	60°7	59°3	57°7	57°6	57°4	57°0	57°8	59°4
	20	58°3	57°2	56°2	55°8	56°2	55°0	53°8	54°4	54°2	53°7	53°0	56°8
	21	51°4	51°1	50°7	49°3	48°8	48°7	49°7	50°2	—	50°4	50°2	51°8
	22	53°0	51°8	50°8	49°8	50°0	50°5	50°8	50°5	50°4	50°4	51°6	54°0
	23	57°8	57°6	57°7	58°5	59°3	59°2	59°0	58°8	57°7	56°5	57°0	59°9
	24	55°4	54°8	54°4	54°2	—	55°5	57°0	58°2	59°0	59°8	62°2	63°8
	25	63°8	63°5	63°0	—	—	—	—	—	—	—	—	—
	26	—	—	—	49°8	49°0	48°0	48°2	48°2	50°0	51°0	52°8	54°5
	27	54°5	54°0	53°2	52°6	52°5	52°0	51°8	51°3	50°8	50°8	51°7	52°2
	28	56°0	55°4	55°0	55°0	54°3	53°6	53°3	52°3	53°6	54°2	54°6	56°6
	29	55°6	55°2	53°8	53°2	52°0	51°5	51°3	51°2	51°5	53°6	53°8	55°0
	30	61°5	61°0	60°2	59°0	58°0	57°2	56°6	56°0	55°2	55°5	54°7	55°0
	31	53°3	52°2	52°0	52°8	52°2	52°7	53°6	55°2	56°2	56°8	59°0	60°7
Hourly Means	58°08	57°24	56°65	55°90	55°08	54°68	54°46	54°34	54°38	54°30	55°66	57°50	
APRIL.	1	60°0	58°5	57°3	—	—	—	—	—	—	—	—	
	2	—	—	—	57°0	56°3	56°3	55°8	54°8	53°4	53°1	53°5	54°4
	3	49°8	48°7	47°8	47°2	44°7	44°6	43°6	42°5	41°8	41°2	42°0	44°8
	4	50°0	48°7	49°0	48°0	—	49°0	48°2	47°6	47°2	47°2	48°0	51°8
	5	65°0	65°0	64°8	64°4	64°2	63°5	62°5	60°7	58°6	57°0	57°4	60°3
	6	56°0	54°8	53°2	52°5	51°6	52°1	50°6	49°3	49°2	49°2	49°6	50°4
	7	52°0	51°1	50°9	50°6	51°4	52°6	52°5	56°2	55°2	55°5	54°0	54°2
	8	57°0	57°0	56°6	—	—	—	—	—	—	—	—	—
	9	—	—	—	—	57°4	58°0	57°6	57°1	57°0	57°0	57°0	58°4
	10	51°0	54°3	54°3	53°8	52°2	50°8	52°6	52°6	54°3	54°5	55°0	57°0
	11	45°5	44°8	44°0	42°8	43°0	42°8	42°7	42°8	—	40°8	41°8	42°5
	12	51°3	51°5	51°7	52°2	51°8	51°8	53°6	54°0	54°4	55°4	56°0	58°8
	13	59°6	58°8	58°6	58°4	—	57°2	56°6	56°6	56°0	55°6	56°6	61°0
	14	55°0	54°6	56°0	55°6	55°0	55°2	55°0	53°8	53°0	53°7	54°7	56°2
	15	51°2	50°0	49°5	—	—	—	—	—	—	—	—	—
	16	—	—	—	42°8	42°8	42°8	43°0	43°4	42°6	43°0	42°8	44°5
	17	50°0	49°5	49°2	50°0	50°6	50°8	51°8	52°7	52°3	52°5	52°8	52°8
	18	58°2	57°2	56°8	56°4	56°0	57°2	57°2	57°0	—	56°2	56°0	55°0
	19	49°8	49°1	49°6	49°6	49°0	48°8	48°4	48°0	—	45°0	48°0	50°6
	20	50°1	50°0	49°0	—	—	—	—	—	—	—	—	—
	21	—	—	—	59°4	59°2	58°0	57°6	58°6	57°2	56°4	55°6	58°4
	22	62°8	63°2	61°0	—	—	—	—	—	—	—	—	—
	23	—	—	—	59°8	59°8	58°4	57°8	56°7	55°3	55°1	56°6	59°8
	24	53°0	52°0	52°0	49°5	—	48°1	48°0	47°6	47°3	46°7	46°7	47°8
	25	52°5	52°2	52°4	52°7	54°0	55°2	56°4	59°0	—	58°0	59°9	62°0
	26	67°0	66°2	66°4	66°4	68°3	68°2	68°2	67°0	66°1	66°1	67°8	68°6
	27	55°8	55°2	55°6	56°0	55°6	56°0	56°1	55°3	—	55°0	55°2	55°6
	28	67°2	65°6	65°0	63°5	62°8	62°0	62°0	59°6	58°0	57°7	57°5	60°2
	29	52°4	51°2	50°6	—	—	—	—	—	—	—	—	—
	30	—	—	—	45°4	45°7	45°3	43°6	44°0	43°5	43°0	42°4	46°4
Hourly Means	55°22	54°55	54°21	53°61	53°88	53°53	53°40	53°20	52°76	52°29	52°79	54°65	

* Good Friday.

STANDARD THERMOMETER.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
61.8	63.5	64.8	64.4	66.0	66.4	66.6	65.6	63.1	62.3	61.3	61.0	61.57
63.2	64.0	65.1	68.0	67.3	68.0	70.7	70.5	67.4	65.0	62.8	61.6	62.16
61.0	64.6	64.7	65.3	64.2	66.3	61.8	64.0	60.8	59.0	56.7	55.6	59.74
—	—	—	—	—	—	—	—	—	—	—	—	60.33
63.0	65.0	65.0	67.2	67.0	69.6	69.2	69.8	69.4	66.0	62.6	61.5	61.5
64.4	67.8	70.4	72.0	71.8	71.8	71.3	76.2	68.0	63.5	61.8	60.0	62.73
59.6	64.3	63.8	63.0	64.4	62.4	62.0	61.9	59.8	58.7	57.8	55.8	59.30
59.3	60.6	61.5	62.8	63.5	63.5	63.4	62.4	61.2	59.6	58.4	57.0	56.05
62.8	66.2	69.2	72.0	74.5	76.5	78.3	76.6	74.5	70.0	67.0	63.8	62.70
63.7	63.9	64.7	64.9	65.7	66.5	66.8	66.8	66.0	65.0	64.4	64.6	62.42
—	—	—	—	—	—	—	—	—	—	—	—	65.65
63.4	66.7	68.0	71.5	72.2	71.5	72.5	71.8	70.2	67.8	66.5	66.8	65.65
59.2	63.7	64.2	67.5	63.2	66.3	65.6	63.7	62.4	61.2	60.2	59.5	60.84
55.0	54.5	54.8	54.5	55.6	55.0	55.4	55.6	54.6	53.6	52.8	52.0	55.15
55.6	58.0	60.4	60.2	59.0	57.2	57.3	56.8	55.8	54.3	53.5	53.0	53.92
54.0	59.5	63.5	65.8	68.7	68.7	69.6	67.7	64.6	62.6	61.8	61.3	57.30
63.0	64.3	65.7	69.9	70.4	75.0	73.0	70.6	68.8	67.8	67.0	66.0	64.16
—	—	—	—	—	—	—	—	—	—	—	—	60.14
60.0	61.8	62.0	63.0	61.6	61.1	60.1	58.3	58.6	58.3	58.2	58.1	58.1
56.9	59.0	59.7	61.6	61.4	62.0	60.7	60.0	57.6	55.0	53.2	52.3	56.83
57.8	58.8	60.6	63.0	67.5	68.5	67.5	64.0	62.0	57.6	56.0	54.8	56.10
55.6	56.6	58.2	58.7	59.2	61.8	60.2	58.8	58.6	57.8	57.0	57.5	54.73
61.3	63.6	63.3	63.0	64.5	66.2	65.2	65.5	63.0	59.6	57.3	56.1	60.32
64.4	65.2	68.0	70.6	72.0	73.0	73.0	73.0	67.5	65.0	64.2	63.8	63.22
—	—	—	—	—	—	—	—	—	—	—	—	56.99
56.0	59.0	63.5	63.2	66.6	63.0	65.0	61.4	59.0	57.8	56.4	55.0	56.99
57.6	61.0	60.8	61.6	63.6	64.3	63.5	60.3	59.8	58.2	57.4	56.8	56.35
58.6	61.5	63.0	66.0	65.6	63.0	65.6	66.3	64.3	61.8	58.3	56.5	58.52
58.7	62.9	68.4	74.6	76.6	77.4	76.2	73.0	70.0	67.6	65.0	63.0	61.30
59.4	61.0	62.6	64.6	65.4	65.6	66.0	64.4	61.8	58.3	56.2	54.6	59.58
62.3	66.0	67.0	68.2	69.6	70.4	66.9	66.3	64.7	62.5	61.2	60.6	60.10
59.98	62.33	63.81	65.45	66.29	66.70	66.42	65.60	63.46	61.33	59.82	58.84	59.56
—	—	—	—	—	—	—	—	—	—	—	—	57.07
58.0	58.0	61.0	61.5	60.5	61.6	61.8	60.5	57.0	55.0	52.7	51.6	51.6
49.7	53.0	56.0	58.0	60.3	60.2	60.3	59.6	57.4	54.3	51.8	52.3	50.48
55.3	59.8	64.4	69.3	72.8	74.5	74.5	71.5	70.0	68.0	67.0	65.6	58.58
62.6	65.0	67.2	69.6	69.5	68.7	68.0	67.3	65.2	63.0	60.3	57.0	63.62
52.8	55.2	56.8	59.0	59.0	55.8	55.8	56.2	55.3	54.1	54.2	52.3	53.54
57.2	58.8	60.4	65.2	67.5	65.8	65.6	64.8	61.4	59.4	58.6	58.2	57.48
—	—	—	—	—	—	—	—	—	—	—	—	58.08
60.7	63.7	60.5	60.0	61.2	60.2	59.3	57.9	56.3	56.0	55.6	54.3	54.3
65.0	59.3	56.7	57.3	59.6	57.6	57.4	53.6	52.0	50.0	47.8	46.0	54.49
45.0	48.2	50.6	54.2	55.5	55.5	56.5	55.5	53.7	52.3	51.8	51.0	47.97
57.4	59.0	60.0	60.6	61.4	62.3	63.0	62.9	60.9	59.6	59.6	59.6	57.03
62.0	64.7	67.3	67.6	71.2	71.2	70.2	68.8	64.6	61.2	58.6	56.6	61.70
57.6	58.8	59.6	60.4	59.2	55.4	54.0	53.0	52.3	52.0	52.2	52.2	55.19
—	—	—	—	—	—	—	—	—	—	—	—	48.90
47.8	50.8	53.2	56.2	57.2	56.6	55.2	54.0	52.1	51.2	50.6	50.4	50.4
53.0	55.2	58.6	60.4	60.5	61.0	60.5	60.6	59.5	58.9	58.4	58.2	54.97
56.4	58.6	59.5	61.0	61.5	62.2	59.6	56.8	55.0	52.5	51.2	50.7	56.90
53.2	57.0	60.0	59.6	59.0	59.1	58.8	59.0	56.5	53.8	52.4	51.2	52.85
—	—	—	—	—	—	—	—	—	—	—	—	62.44
61.9	65.2	68.5	71.0	73.3	74.3	75.8	75.1	70.6	66.3	63.3	63.8	63.8
—	—	—	—	—	—	—	—	—	—	—	—	59.52
60.3	61.5	61.5	61.2	62.0	62.6	64.0	62.8	59.0	57.2	56.2	54.0	54.0
52.4	54.7	54.8	54.8	55.4	55.4	55.6	55.0	54.0	53.0	52.6	54.3	51.77
63.0	64.2	65.8	67.6	73.6	76.0	77.0	75.2	71.8	70.0	68.3	68.0	63.25
70.4	71.4	72.6	74.0	73.7	73.2	73.3	71.0	65.5	58.0	56.8	56.2	67.60
56.2	58.8	63.0	65.8	68.6	70.3	68.7	68.2	66.0	65.2	67.7	68.2	60.79
64.0	66.0	64.7	60.6	59.4	59.4	57.6	56.0	54.4	53.6	53.6	52.6	60.12
—	—	—	—	—	—	—	—	—	—	—	—	50.25
49.0	50.8	52.2	54.2	56.3	57.7	57.3	56.6	55.5	55.0	54.6	53.2	53.2
57.12	59.07	60.62	62.05	63.26	63.20	62.91	61.75	59.42	57.48	56.50	55.73	56.86

STANDARD THERMOMETER.														
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11		
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20		
MAY.	1	53.4	54.6	57.8	60.7	—	59.6	57.4	56.0	52.0	52.2	50.3	51.0	
	2	51.2	49.0	47.6	47.0	—	46.0	45.8	45.8	45.2	44.3	43.7	45.1	
	3	51.1	51.0	49.8	49.3	48.2	47.7	47.0	48.5	51.2	54.4	56.2	59.4	
	4	50.4	49.6	50.2	48.0	—	47.2	46.4	46.4	46.0	45.5	45.0	45.6	
	5	50.2	49.8	48.8	48.4	48.2	48.0	48.0	48.2	48.6	48.6	48.7	49.0	
	6	50.0	49.7	49.5	—	—	—	—	—	—	—	—	—	
	7	—	—	—	50.2	49.6	49.4	49.0	48.8	48.8	48.8	48.8	49.0	49.4
	8	46.6	46.6	46.6	47.2	47.6	48.0	48.3	48.3	48.5	48.3	49.2	49.7	
	9	48.4	47.3	47.8	48.0	47.7	46.4	45.5	45.6	45.0	44.2	44.2	44.6	
	10	47.7	46.4	46.1	45.9	44.8	44.5	44.0	43.5	—	41.5	41.3	42.3	
	11	48.4	48.2	47.2	47.0	46.8	46.2	46.2	45.8	44.6	45.1	44.9	45.6	
	12	48.0	47.0	45.7	45.7	44.4	42.6	41.3	41.1	40.6	40.0	40.0	41.8	
	13	45.2	43.0	41.5	—	—	—	—	—	—	—	—	—	
	14	—	—	—	43.3	43.7	44.2	44.2	46.8	46.1	46.6	46.1	45.7	
	15	45.3	45.2	45.6	45.6	45.5	46.6	45.8	45.6	45.2	45.0	43.8	45.0	
	16	49.4	50.3	48.5	48.2	47.2	47.2	47.0	47.0	48.0	48.7	51.6	49.8	
	17	48.8	48.6	47.8	47.2	46.8	46.5	45.8	45.2	45.0	44.2	44.0	45.4	
	18	47.5	46.0	46.6	45.9	46.2	46.8	47.7	48.2	48.6	48.4	48.0	48.8	
	19	49.1	48.7	47.7	47.1	46.6	45.2	43.8	42.6	42.0	41.7	41.8	42.0	
	20	43.0	44.3	44.3	—	—	—	—	—	—	—	—	—	
	21	—	—	—	45.7	45.3	46.0	46.4	44.7	44.0	43.6	44.4	45.4	
	22	57.3	57.6	56.7	55.8	55.6	56.0	56.4	54.0	53.0	52.5	52.0	52.8	
	23	51.2	50.0	49.0	48.4	—	47.1	46.0	44.5	44.6	45.0	43.9	45.7	
	24	51.0	50.3	50.2	50.2	50.8	51.3	51.2	50.8	50.4	49.6	49.0	48.8	
	25	42.7	44.0	44.4	43.1	42.2	41.2	40.0	38.8	38.8	38.8	38.8	39.5	
	26	41.0	40.0	40.0	39.8	39.3	38.8	38.0	37.4	35.8	36.5	38.0	38.7	
	27	46.0	45.9	45.8	—	—	—	—	—	—	—	—	—	
	28	—	—	—	53.5	53.3	53.0	52.8	52.8	52.0	51.7	51.5	51.2	
	29	50.0	50.0	49.8	49.2	48.7	47.8	47.2	46.4	46.0	45.3	45.6	46.1	
	30	46.0	45.0	45.2	43.7	45.3	44.2	45.6	45.0	44.2	44.0	44.2	44.7	
	31	42.9	43.3	43.3	43.5	—	44.8	45.2	45.0	45.0	45.0	45.8	46.0	
Hourly Means	48.22	47.83	47.54	47.69	46.99	47.12	46.74	46.40	46.12	45.91	45.96	46.64		
JUNE.	1	47.8	47.8	47.8	47.6	47.7	47.3	47.2	46.7	46.5	46.7	46.7	46.3	
	2	42.2	41.0	40.0	39.6	38.6	38.8	39.2	38.7	38.6	38.6	39.4	40.2	
	3	39.3	38.4	37.7	—	—	—	—	—	—	—	—	—	
	4	—	—	—	41.3	43.0	43.5	42.6	42.1	41.7	43.1	45.2	45.8	
	5	49.8	48.9	48.8	48.2	47.5	46.3	46.7	46.4	46.6	47.0	46.6	47.6	
	6	43.9	44.0	42.6	41.6	41.4	41.0	40.8	40.6	—	39.0	38.9	38.8	
	7	46.4	45.5	46.0	46.0	45.5	47.3	47.8	48.0	48.3	48.3	47.9	47.7	
	8	43.0	42.7	42.0	42.0	42.1	41.0	41.3	40.8	41.4	41.8	41.0	39.8	
	9	41.8	40.7	41.6	42.3	42.0	42.0	41.8	41.6	—	41.2	42.0	42.0	
	10	45.0	45.5	46.6	—	—	—	—	—	—	—	—	—	
	11	—	—	—	43.2	42.2	41.2	40.7	39.5	38.8	38.0	38.6	40.0	
	12	43.4	42.6	42.4	42.3	—	42.0	41.8	41.6	41.0	40.7	40.4	40.1	
	13	42.6	42.0	41.4	41.0	40.6	40.5	40.5	40.6	40.4	40.5	40.6	40.7	
	14	42.6	42.5	42.0	42.0	42.2	42.2	42.1	42.1	42.2	42.2	42.0	42.2	
	15	41.1	40.7	41.2	40.3	40.2	40.0	39.8	39.8	40.9	40.3	40.4	40.5	
	16	44.6	44.6	45.4	44.6	43.0	45.6	44.3	43.7	43.8	44.4	43.3	43.4	
	17	48.2	48.0	46.8	—	—	—	—	—	—	—	—	—	
	18	—	—	—	—	51.6	51.4	51.0	51.0	51.0	51.0	50.7	51.6	
	19	45.2	44.6	45.6	45.0	—	45.0	44.0	43.0	—	43.3	44.2	46.0	
	20	47.5	45.8	45.0	44.8	43.2	42.0	41.4	40.6	40.0	39.6	38.6	38.6	
	21	45.0	42.9	43.6	44.7	44.8	44.5	43.8	43.8	43.2	43.5	43.7	43.0	
	22	46.3	46.0	45.5	44.9	44.2	44.6	41.6	41.2	42.1	41.2	40.5	39.2	
	23	44.0	44.0	43.8	43.8	43.8	43.8	44.1	43.8	44.0	44.4	44.6	44.6	
	24	44.0	44.5	44.3	—	—	—	—	—	—	—	—	—	
	25	—	—	—	44.2	44.0	42.9	42.7	43.0	43.0	42.6	41.1	41.5	
	26	45.0	44.8	43.5	43.8	43.2	43.1	43.1	42.4	41.2	41.2	41.2	41.5	
	27	46.2	47.1	47.6	48.1	47.8	47.6	47.6	47.6	45.9	45.0	45.2	45.0	
	28	45.6	47.0	46.8	46.6	45.8	45.5	45.0	44.3	43.3	44.0	43.6	43.2	
	29	48.3	50.0	49.2	49.0	49.7	51.7	49.7	50.5	49.4	48.8	49.0	47.4	
	30	47.4	46.6	46.1	46.3	—	48.6	49.0	48.8	48.2	48.0	47.2	46.3	
Hourly Means	44.85	44.55	44.36	44.13	44.10	44.21	43.83	43.55	43.54	43.25	43.18	43.19		

STANDARD THERMOMETER.												Daily and Monthly Means.
12	13	14	15	16	17	18	19	20	21	22	23	
21	22	23	0	1	2	3	4	5	6	7	8	
52.3	54.7	57.2	58.3	59.4	60.4	59.8	58.0	56.5	53.8	53.0	51.8	55.66
47.2	49.8	51.4	53.4	54.4	54.0	55.0	55.0	52.5	52.2	51.6	51.2	49.50
61.0	62.0	65.5	65.6	66.0	65.0	63.8	62.6	59.3	55.7	54.7	53.2	56.17
47.9	49.8	50.5	52.9	54.7	54.8	52.7	51.8	51.4	51.2	51.4	50.8	49.57
50.0	51.2	51.6	51.6	51.6	51.7	51.3	51.0	51.0	50.0	50.0	50.0	49.81
—	—	—	—	—	—	—	—	—	—	—	—	—
52.5	54.0	53.0	54.6	53.6	54.0	54.4	52.0	50.6	49.0	47.8	47.0	50.61
50.6	51.6	52.4	53.6	53.2	52.2	51.8	51.6	50.2	49.8	49.4	48.8	49.59
45.6	47.5	49.7	50.2	49.7	50.4	50.7	50.5	49.6	49.2	49.0	48.2	47.71
43.6	47.7	49.0	51.2	51.8	51.8	51.4	50.4	49.6	49.2	49.0	48.8	47.02
47.6	49.4	51.2	50.6	51.0	50.8	50.2	49.7	49.0	48.2	48.0	48.0	47.90
44.6	46.8	49.3	51.0	52.7	52.1	51.2	49.7	48.2	47.6	47.2	46.0	46.02
—	—	—	—	—	—	—	—	—	—	—	—	—
45.8	46.3	48.0	51.2	51.0	51.8	49.2	47.0	45.0	44.6	44.6	45.2	46.09
48.0	51.0	53.8	55.5	57.0	57.3	56.2	55.3	52.6	52.2	50.7	49.5	49.30
49.9	50.6	50.6	50.9	51.2	51.8	52.3	52.0	49.8	49.0	48.8	48.2	49.50
47.6	51.0	53.4	54.0	53.5	53.3	52.8	51.0	50.0	49.0	48.5	48.3	48.65
49.2	49.5	53.3	56.2	57.0	56.6	55.1	53.6	52.2	50.8	—	49.0	50.05
46.9	49.3	53.3	53.0	54.6	53.2	52.6	51.0	48.0	45.6	44.6	43.0	47.22
—	—	—	—	—	—	—	—	—	—	—	—	—
46.3	50.8	52.2	53.2	56.4	60.3	60.0	59.3	57.2	57.4	57.1	56.8	50.17
52.3	53.2	54.3	54.8	56.4	57.4	56.6	54.8	52.6	52.0	51.8	51.6	54.48
47.8	51.6	53.6	55.2	57.3	57.0	56.7	55.0	53.5	52.0	51.0	51.0	50.31
52.6	54.7	55.2	56.8	57.0	57.3	56.2	53.6	50.5	49.2	46.7	45.0	51.60
42.7	46.7	49.3	51.1	52.6	53.2	52.7	50.2	47.5	45.0	43.2	41.8	44.51
40.6	41.5	42.5	42.7	43.2	45.2	48.5	49.2	48.8	49.7	49.3	47.7	42.17
—	—	—	—	—	—	—	—	—	—	—	—	—
53.8	54.6	57.3	58.0	58.2	57.8	57.2	55.3	53.8	52.8	51.8	50.8	52.95
47.0	47.0	46.0	48.8	47.8	45.6	44.8	45.2	45.0	44.0	46.7	48.0	47.00
43.3	43.5	42.8	43.5	43.3	43.3	43.6	43.2	43.3	42.3	42.0	42.0	43.88
47.0	48.4	49.5	51.4	51.6	50.6	51.4	48.6	48.0	47.8	47.6	47.6	46.93
48.28	50.15	51.70	52.94	53.56	53.66	53.27	52.10	50.58	49.60	49.06	48.50	49.05
46.8	49.4	51.4	54.0	54.2	54.6	53.7	50.8	47.6	45.8	44.6	43.8	48.45
43.4	44.9	47.0	48.5	49.4	50.0	49.5	47.3	44.2	41.7	40.3	39.3	42.52
—	—	—	—	—	—	—	—	—	—	—	—	—
49.6	51.3	52.8	53.8	55.0	55.5	54.8	52.8	51.8	50.7	49.8	49.0	47.11
50.2	52.5	54.1	55.5	56.3	56.4	54.7	53.0	49.3	46.8	46.0	44.3	49.56
41.0	41.3	44.1	45.3	47.6	50.0	49.4	47.2	45.6	46.6	47.0	47.2	43.60
49.6	52.2	50.8	50.4	51.0	49.0	48.2	48.0	47.8	46.0	44.4	43.0	47.71
42.4	43.8	45.8	46.3	43.3	44.5	43.6	43.0	40.3	42.0	40.0	41.7	42.32
43.0	44.3	45.3	46.4	47.4	47.8	47.2	45.8	45.0	44.6	45.0	45.0	43.73
—	—	—	—	—	—	—	—	—	—	—	—	—
41.2	42.8	44.5	45.8	47.5	46.6	46.2	45.5	44.7	44.4	44.2	43.7	43.18
40.8	42.1	42.9	44.2	44.8	45.6	44.6	44.4	44.0	43.2	43.0	42.8	42.64
41.0	42.4	43.6	43.6	45.2	45.5	45.2	44.5	43.8	43.2	42.8	42.8	42.30
43.0	43.8	44.5	46.0	46.3	46.0	45.4	44.3	42.8	42.2	41.6	40.8	43.04
41.4	44.4	46.4	50.8	50.8	53.8	53.3	51.8	49.6	47.6	47.6	46.4	44.55
44.4	47.6	49.2	51.4	52.7	54.0	53.0	51.5	49.0	47.6	47.2	47.3	46.90
—	—	—	—	—	—	—	—	—	—	—	—	—
51.8	53.3	55.8	55.3	55.6	53.8	51.2	50.6	50.4	49.1	47.7	45.3	50.97
47.8	49.0	49.0	50.6	52.0	52.6	52.8	52.2	50.8	48.1	47.1	47.0	47.50
41.4	44.0	47.0	49.0	51.4	52.2	51.2	49.2	46.8	45.8	45.2	45.8	44.84
43.3	44.2	47.6	50.1	52.3	53.8	51.4	47.3	46.9	45.6	45.0	46.4	45.81
40.4	42.0	42.6	42.8	44.8	46.3	45.8	44.5	43.8	43.5	43.5	43.1	43.35
45.2	45.3	46.0	46.0	44.8	44.5	44.5	44.5	44.2	44.3	44.2	44.0	44.42
—	—	—	—	—	—	—	—	—	—	—	—	—
45.3	47.8	49.0	51.2	52.5	50.7	50.0	49.1	47.7	46.8	47.5	47.0	45.93
44.0	45.2	48.2	49.0	50.6	51.3	51.3	50.4	49.2	48.2	47.8	47.1	45.68
47.0	50.2	52.4	54.2	55.4	55.4	54.4	51.5	49.0	47.8	46.8	45.5	48.76
44.2	45.8	47.6	49.0	50.6	51.2	51.8	50.3	49.0	48.4	48.2	48.3	46.88
50.4	52.0	55.0	57.5	58.0	57.5	56.3	53.8	50.4	—	49.1	48.3	51.35
47.4	50.0	52.4	52.9	54.1	51.2	50.2	49.0	46.4	44.0	42.0	40.8	47.95
44.85	46.60	48.27	49.60	50.52	50.76	49.99	48.55	46.90	45.76	45.30	44.81	45.81

STANDARD THERMOMETER.												
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20
JULY.	1	40°0	40°0	39°7	°	°	°	°	°	°	°	°
	2	—	—	—	51°1	51°7	51°3	50°2	48°6	48°2	48°2	48°0
	3	44°7	44°3	43°6	43°6	42°4	42°0	41°8	42°2	42°0	42°0	42°0
	4	46°0	46°0	45°8	45°6	45°2	45°0	44°0	44°0	44°2	43°6	44°4
	5	41°1	41°7	41°7	43°5	42°7	42°8	41°2	42°0	42°5	42°2	42°4
	6	42°8	42°8	42°6	42°6	42°8	43°0	43°0	43°0	43°2	43°5	42°8
	7	43°3	43°5	43°5	43°3	43°1	43°1	43°0	42°8	42°5	42°4	42°2
	8	44°2	44°2	44°2	—	—	—	—	—	—	—	—
	9	—	—	—	44°7	44°5	44°0	43°5	43°3	—	42°9	42°8
	10	41°2	39°8	39°2	39°6	38°8	38°8	38°7	38°5	38°5	38°5	38°8
	11	42°8	42°8	42°5	42°2	42°1	41°7	40°8	39°7	38°0	37°0	35°6
	12	34°8	34°3	34°0	34°2	33°8	33°5	33°3	33°2	32°8	32°8	32°6
	13	37°6	36°6	37°6	38°0	36°6	38°0	38°0	39°0	—	39°1	40°6
	14	41°0	40°5	40°0	39°2	38°2	38°0	38°7	38°5	37°2	35°8	37°2
	15	48°0	47°5	47°5	—	—	—	—	—	—	—	—
	16	—	—	—	39°5	38°5	38°5	38°0	37°8	37°8	38°0	37°7
	17	44°8	44°6	44°2	43°9	44°1	44°9	45°0	44°7	45°0	45°2	45°8
	18	41°7	42°3	40°3	38°3	37°2	36°6	36°0	35°6	—	35°7	35°7
	19	40°6	40°2	38°0	36°0	35°2	35°0	34°5	33°8	34°1	34°0	34°1
	20	38°6	37°8	36°8	36°3	35°7	35°7	35°7	36°0	35°7	35°2	35°7
	21	44°9	44°7	45°1	44°5	43°6	42°8	42°0	41°8	41°5	41°3	41°2
	22	39°8	38°2	37°8	—	—	—	—	—	—	—	—
	23	—	—	—	35°4	34°8	33°9	34°1	33°6	33°6	33°6	35°2
	24	44°7	44°2	47°1	47°4	47°4	47°0	47°0	46°8	46°8	46°2	45°7
	25	43°6	42°0	41°4	40°4	39°8	39°0	38°3	39°0	39°1	38°6	37°7
	26	41°3	41°0	41°0	40°6	40°8	41°0	41°3	41°8	41°8	41°6	41°4
	27	42°3	42°2	41°9	41°6	—	40°2	39°0	38°4	36°6	35°7	36°0
	28	41°0	41°0	41°0	40°8	40°2	40°0	39°6	38°8	38°7	38°7	37°6
	29	41°8	41°2	40°2	—	—	—	—	—	—	—	—
	30	—	—	—	36°0	35°2	34°8	34°6	34°0	33°3	33°0	33°0
	31	41°8	40°4	40°4	40°4	40°8	40°0	39°4	37°7	37°3	38°5	40°0
Hourly Means	42°10	41°68	41°43	41°10	40°61	40°41	40°03	39°80	39°58	39°36	39°47	
AUGUST.	1	43°8	43°7	43°0	43°0	—	42°2	42°2	42°4	42°4	42°4	
	2	43°8	42°2	42°0	42°2	42°5	42°0	41°5	39°8	39°0	39°0	
	3	39°6	41°0	41°0	39°6	—	39°4	39°2	41°8	42°2	42°2	
	4	39°0	39°2	39°0	38°0	37°7	38°0	37°8	40°0	40°0	39°8	
	5	40°2	40°2	41°8	—	—	—	—	—	—	—	
	6	—	—	—	44°5	43°1	40°8	39°2	38°4	37°4	36°8	
	7	43°5	41°0	39°6	39°3	39°7	40°2	40°1	39°2	38°4	37°8	
	8	44°7	45°3	45°6	45°7	45°2	44°4	43°8	42°2	42°0	42°0	
	9	47°8	47°0	47°0	47°0	46°7	45°0	43°5	43°0	43°0	42°5	
	10	50°2	50°0	48°0	48°4	48°2	48°3	47°6	47°2	—	45°4	
	11	45°3	44°9	44°2	43°7	44°0	44°0	44°2	44°4	44°0	43°2	
	12	47°3	46°8	44°8	—	—	—	—	—	—	—	
	13	—	—	—	41°2	41°6	40°7	39°6	39°6	39°6	39°4	
	14	47°4	47°1	47°2	46°0	46°6	45°0	43°6	42°6	42°2	41°8	
	15	44°8	43°8	42°6	42°4	42°8	42°8	41°8	41°0	40°2	39°3	
	16	40°3	41°0	41°0	41°6	41°2	41°8	42°3	41°8	41°6	41°4	
	17	42°4	42°6	42°2	41°6	41°8	41°8	42°0	42°0	41°8	41°6	
	18	38°0	39°8	40°4	40°5	40°2	39°2	38°3	38°0	38°3	38°7	
	19	41°5	40°6	39°3	—	—	—	—	—	—	—	
	20	—	—	—	39°2	39°0	38°8	38°2	37°4	37°1	37°5	
	21	45°2	44°6	44°8	45°0	44°8	44°6	44°4	44°0	—	42°0	
	22	45°3	44°4	44°3	44°5	42°8	41°8	41°0	40°7	—	39°0	
	23	44°7	45°2	44°3	42°6	41°8	42°5	43°8	44°0	44°0	44°3	
	24	38°4	39°0	40°2	41°0	41°2	41°6	41°8	41°8	41°6	40°6	
	25	42°7	42°4	41°8	41°7	41°4	40°2	39°3	38°4	38°4	38°6	
	26	43°0	42°6	42°7	—	—	—	—	—	—	—	
	27	—	—	—	44°0	43°8	43°8	43°8	44°0	44°0	43°4	
	28	46°7	46°8	46°3	46°2	46°6	47°0	46°2	46°1	45°2	45°7	
	29	45°0	44°0	42°7	42°8	42°5	41°5	40°8	40°5	—	41°9	
	30	45°7	44°0	42°6	41°5	41°2	41°0	40°0	40°0	40°3	40°5	
	31	49°0	47°8	47°0	46°7	—	47°7	47°6	48°2	47°8	47°2	
Hourly Means	43°90	43°60	43°16	42°96	42°77	42°45	41°98	41°80	41°33	41°26		

STANDARD THERMOMETER.													
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.	
21	22	23	0	1	2	3	4	5	6	7	8		
—	—	—	—	—	—	—	—	—	—	—	—	—	48°15
48°5	48°8	49°5	49°5	50°6	51°4	51°2	50°5	49°2	48°1	47°0	45°6	48°15	
44°6	46°3	47°2	48°3	48°0	48°8	49°0	48°0	47°0	47°2	47°2	46°8	45°07	
44°6	45°6	45°2	47°0	45°5	45°2	45°2	44°7	42°2	41°7	41°0	41°0	44°48	
42°7	44°0	42°8	43°2	42°2	44°3	44°1	43°6	43°4	42°8	43°0	43°1	42°74	
43°6	44°5	45°4	46°2	46°5	47°5	47°8	46°6	46°0	45°8	45°0	43°8	44°35	
43°0	44°8	46°2	47°8	47°8	48°0	47°2	46°5	46°0	45°6	46°0	45°2	44°55	
—	—	—	—	—	—	—	—	—	—	—	—	—	
44°1	45°7	47°4	48°6	49°2	49°2	48°0	46°6	45°4	42°8	42°2	41°0	44°84	
40°2	41°6	42°8	44°6	45°5	46°0	45°8	45°1	44°5	43°7	43°6	43°0	41°50	
38°6	40°2	43°2	44°2	46°1	46°0	43°7	42°2	39°5	38°7	36°2	35°2	40°62	
35°0	36°3	37°8	39°3	42°4	42°8	43°6	42°2	39°8	38°8	38°0	38°4	36°52	
44°0	46°0	48°2	49°8	51°8	53°0	50°8	49°5	46°6	43°8	42°3	41°3	43°07	
40°4	43°4	45°5	48°3	52°2	53°4	53°1	51°6	50°4	49°7	48°7	48°5	43°65	
—	—	—	—	—	—	—	—	—	—	—	—	—	
39°7	40°8	42°0	43°8	45°0	46°8	46°8	45°8	44°6	44°0	43°3	43°0	42°20	
46°9	46°6	47°0	45°8	46°3	46°8	46°9	45°3	43°6	42°3	41°7	40°7	44°92	
41°3	43°7	45°1	45°4	46°2	44°8	44°8	43°2	41°8	40°7	38°8	40°8	40°48	
38°5	41°8	45°0	47°6	49°4	48°8	48°5	46°7	45°2	43°8	42°0	39°8	40°33	
38°2	41°3	44°7	48°0	50°0	51°0	47°5	47°3	46°0	45°8	44°8	44°3	41°04	
42°3	44°2	45°3	47°2	47°7	48°5	48°5	47°8	46°6	45°6	43°6	40°6	44°28	
—	—	—	—	—	—	—	—	—	—	—	—	—	
36°0	37°8	39°7	43°8	46°3	49°2	49°6	49°3	47°6	46°3	45°6	45°2	40°06	
47°4	48°2	49°7	51°2	51°6	53°0	52°2	49°6	48°2	46°6	46°0	44°6	47°66	
39°8	42°6	44°6	44°0	44°0	44°0	44°8	43°2	41°7	40°0	40°5	40°8	41°17	
42°8	44°2	45°6	46°5	47°2	46°2	45°7	44°6	43°8	43°3	42°8	42°5	42°95	
38°3	39°7	42°7	46°2	46°8	47°0	46°3	45°5	43°8	42°5	41°4	41°0	41°33	
42°0	45°0	47°3	49°0	49°8	50°0	48°4	46°0	44°0	43°8	43°2	43°2	42°82	
—	—	—	—	—	—	—	—	—	—	—	—	—	
37°0	39°5	42°0	46°2	49°2	49°8	49°6	48°8	47°4	44°6	42°8	42°0	40°42	
44°8	48°4	49°8	52°0	52°6	53°1	51°5	50°0	48°2	47°3	46°5	45°0	44°52	
41°70	43°48	45°06	46°67	47°69	48°25	47°72	46°55	45°10	44°05	43°20	42°55	42°84	
44°6	47°5	49°7	51°5	50°1	49°6	48°8	48°2	47°1	46°8	45°5	45°0	45°43	
42°1	45°1	46°2	46°9	48°2	48°6	47°8	47°2	45°2	42°8	41°8	40°4	43°20	
43°8	43°2	45°4	44°8	45°4	43°4	44°7	43°3	40°8	40°8	39°8	39°7	41°95	
41°8	41°9	44°0	44°2	46°4	45°0	45°3	43°3	42°5	41°9	41°2	41°3	41°14	
—	—	—	—	—	—	—	—	—	—	—	—	—	
40°2	42°0	44°8	47°7	50°3	51°3	50°7	48°2	47°3	45°0	44°8	45°0	43°10	
41°1	44°5	47°8	50°2	51°6	52°6	52°5	51°5	49°2	46°3	44°2	45°7	43°77	
45°4	48°3	50°6	52°4	53°4	54°0	53°2	52°6	50°0	48°7	48°2	47°8	47°13	
43°6	44°6	46°8	53°6	56°0	52°5	52°0	51°8	52°6	51°3	50°8	50°6	47°65	
48°0	48°3	49°6	51°2	52°2	52°8	52°2	52°8	49°5	47°3	45°8	45°7	48°67	
47°1	50°4	55°2	55°8	56°6	55°2	54°4	54°0	52°2	50°5	50°0	49°4	48°45	
—	—	—	—	—	—	—	—	—	—	—	—	—	
43°2	48°0	51°0	53°8	56°3	56°6	55°6	54°4	52°7	51°2	48°9	48°2	46°70	
46°0	47°5	50°0	49°6	49°8	49°4	50°6	50°6	48°2	46°6	45°0	45°6	46°37	
44°0	46°2	49°8	51°4	51°9	51°7	49°5	48°2	43°0	41°8	40°8	40°7	44°13	
42°5	42°7	43°7	44°8	45°3	45°4	44°7	44°2	42°7	42°4	42°3	42°6	42°51	
43°6	44°2	46°3	46°4	47°2	47°8	48°8	47°3	45°6	42°8	41°0	39°4	43°48	
45°6	47°6	50°0	51°4	52°4	53°2	53°0	51°8	48°8	47°2	45°7	43°6	44°22	
—	—	—	—	—	—	—	—	—	—	—	—	—	
44°8	48°0	50°5	53°0	53°2	54°8	53°2	52°6	49°8	48°1	47°3	45°1	44°51	
46°7	47°8	51°2	54°2	54°4	55°7	53°8	52°8	50°6	48°2	47°1	45°7	47°57	
46°6	49°8	51°8	53°8	55°8	56°8	56°0	54°5	51°6	49°7	48°0	46°2	47°17	
45°3	46°3	44°9	48°7	48°8	47°8	48°4	46°8	45°0	43°4	41°2	39°4	44°67	
45°4	48°2	49°2	49°8	49°0	50°2	46°5	45°3	45°2	43°9	42°2	43°0	43°65	
44°6	46°2	47°5	48°2	49°6	49°3	48°5	46°6	45°2	43°5	43°8	43°5	43°36	
—	—	—	—	—	—	—	—	—	—	—	—	—	
48°3	50°0	51°2	52°2	51°0	51°2	51°2	50°0	48°2	47°2	47°1	46°6	46°65	
47°4	48°3	49°3	50°0	49°1	48°7	48°2	47°5	47°2	46°3	45°8	45°8	47°01	
46°3	47°7	51°0	52°7	54°2	54°7	54°8	52°8	49°5	47°4	47°4	46°8	46°57	
43°7	46°5	48°8	51°0	55°0	53°7	53°6	53°2	52°0	49°8	49°0	49°0	46°00	
48°2	50°2	55°0	57°0	54°6	54°5	51°7	49°9	48°2	46°8	45°2	44°5	49°05	
44°81	46°70	48°94	50°60	51°40	51°35	50°73	49°68	47°77	46°21	45°18	44°68	45°34	

STANDARD THERMOMETER.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
SEPTEMBER.	°	°	°	°	°	°	°	°	°	°	°	°	
	1	44.2	44.6	44.3	44.0	43.8	42.8	42.0	42.8	43.8	44.7	44.8	45.7
	2	44.5	44.0	43.2	—	—	—	—	—	—	—	—	—
	3	—	—	—	40.7	40.2	40.3	40.3	41.0	41.7	41.2	40.7	42.3
	4	40.3	40.3	40.2	40.0	39.8	40.5	40.8	40.7	—	40.8	41.8	43.5
	5	43.8	43.0	42.8	42.5	42.0	41.3	41.0	40.2	40.0	40.3	40.5	41.7
	6	42.0	41.3	41.0	40.9	—	—	40.6	40.7	40.8	40.5	42.5	43.8
	7	43.2	42.6	41.7	41.7	42.2	41.5	40.5	40.0	40.0	41.2	43.0	46.0
	8	45.7	43.3	42.5	41.5	—	41.6	41.2	41.3	41.2	40.5	42.3	45.6
	9	—	45.5	44.6	—	—	—	—	—	—	—	—	—
	10	—	—	—	40.8	41.2	41.6	41.6	42.0	41.0	40.0	41.5	44.6
	11	48.4	47.6	47.0	46.4	47.1	47.3	46.6	46.6	46.5	46.3	48.8	49.0
	12	52.9	52.6	51.0	50.5	50.5	50.8	49.2	48.6	48.4	48.4	48.6	50.0
	13	50.9	50.3	50.3	48.6	—	46.4	45.0	44.6	44.1	50.8	54.2	60.0
	14	52.2	51.6	52.1	50.8	49.0	47.8	46.0	46.0	45.6	45.2	45.2	45.0
	15	38.6	38.6	38.2	38.4	38.2	37.6	38.0	36.9	—	37.7	38.3	41.5
	16	42.8	42.5	41.8	—	—	—	—	—	—	—	—	—
	17	—	—	—	42.0	41.0	41.0	41.3	41.0	39.7	39.2	40.1	44.2
	18	46.0	44.8	42.8	42.0	41.4	41.6	41.3	41.3	40.5	40.2	40.2	42.0
	19	44.3	43.3	42.6	41.3	41.0	41.0	40.6	41.6	—	42.5	45.2	46.0
	20	47.3	46.6	45.7	45.6	44.2	43.8	43.5	43.3	43.2	42.5	44.0	47.1
	21	51.2	51.0	50.8	50.5	50.6	50.2	50.0	49.8	49.8	50.2	50.2	51.5
	22	50.5	49.8	49.5	49.6	—	50.0	50.0	49.6	—	49.8	50.7	54.2
	23	51.6	50.6	50.2	—	—	—	—	—	—	—	—	—
	24	—	—	—	46.6	46.1	45.6	46.2	45.6	45.0	44.6	48.8	50.6
	25	50.4	50.3	49.2	47.2	47.2	46.2	45.4	46.0	46.2	46.5	47.2	47.2
	26	44.2	44.2	44.4	44.0	44.0	44.0	44.0	44.3	44.5	44.4	45.0	45.9
	27	43.2	43.2	43.1	42.5	41.8	41.8	41.8	41.8	41.6	41.6	43.0	45.0
	28	43.1	42.2	41.3	41.2	41.2	41.6	41.8	41.6	42.0	42.3	44.0	47.2
29	54.6	53.6	50.5	49.0	47.0	47.7	47.7	48.8	49.6	48.7	50.2	50.4	
Hourly Means	46.50	45.90	45.63	44.33	43.79	43.92	43.46	43.44	43.58	43.60	44.83	46.80	

STANDARD THERMOMETER.												Daily and Monthly Means.
12	13	14	15	16	17	18	19	20	21	22	23	
21	22	23	0	1	2	3	4	5	6	7	8	
°	°	°	°	°	°	°	°	°	°	°	°	°
51.0	53.6	53.7	51.6	52.5	53.0	52.3	52.5	50.0	48.0	46.5	45.2	47.40
—	—	—	—	—	—	—	—	—	—	—	—	—
43.8	46.3	48.7	50.5	53.2	49.4	47.3	45.6	44.0	42.2	41.7	40.8	43.90
48.7	52.3	52.2	53.2	52.7	51.0	49.8	49.2	47.0	45.8	45.0	44.8	45.24
42.8	45.4	50.8	50.2	46.0	47.8	48.2	45.5	45.0	43.8	42.8	42.2	43.73
46.2	47.7	48.9	50.0	48.6	50.0	48.9	48.6	46.3	44.2	44.4	43.8	44.62
49.4	51.4	53.5	53.6	54.2	55.7	55.2	54.2	51.6	49.0	48.2	47.7	46.97
49.4	52.8	55.6	53.5	50.6	51.5	49.5	48.8	48.3	47.4	47.0	46.6	46.42
—	—	—	—	—	—	—	—	—	—	—	—	—
48.8	51.3	54.8	55.7	57.4	57.4	57.2	52.6	52.0	50.2	49.4	49.0	47.84
52.6	54.6	56.4	59.6	63.0	63.6	64.7	63.0	60.3	57.8	55.7	54.0	53.04
52.6	55.7	55.5	56.8	57.5	60.6	58.2	55.4	54.8	53.8	53.8	52.2	52.85
64.1	65.3	64.4	65.1	63.8	60.0	59.8	58.2	56.0	54.0	53.3	52.4	54.85
45.0	42.8	43.8	46.4	46.0	43.7	44.5	41.3	40.8	39.5	39.0	38.4	45.32
43.7	45.3	47.0	45.0	45.6	45.7	47.7	46.5	45.0	43.3	43.2	43.1	41.87
—	—	—	—	—	—	—	—	—	—	—	—	—
46.2	47.0	48.5	49.3	50.6	51.2	51.0	48.8	48.3	47.4	46.7	46.7	44.93
45.3	49.0	51.0	52.7	53.4	52.3	52.4	52.3	52.0	49.2	47.4	44.8	46.08
50.3	52.0	53.5	55.0	55.6	54.0	54.8	54.0	52.2	50.0	48.7	47.7	47.70
53.0	52.7	55.3	55.8	56.0	56.0	55.0	54.4	53.6	52.4	51.8	51.6	49.35
53.0	53.9	56.0	57.0	57.3	57.0	55.8	54.8	53.4	52.5	50.6	50.2	52.39
57.9	58.4	59.6	59.5	63.3	64.2	64.8	64.0	59.8	56.6	54.2	53.0	55.41
—	—	—	—	—	—	—	—	—	—	—	—	—
50.5	52.3	53.3	55.8	56.4	57.3	56.8	56.5	54.6	52.3	51.2	50.7	50.80
47.3	47.8	48.6	48.3	49.0	48.6	48.6	48.0	47.2	46.6	46.0	45.0	47.50
46.4	47.6	46.6	49.4	49.5	49.0	48.3	46.0	45.8	44.2	44.2	44.0	45.58
48.0	50.0	49.6	51.6	52.6	51.6	51.2	51.2	50.3	47.7	45.6	44.3	46.00
50.9	53.8	57.0	60.6	59.2	61.8	63.5	62.8	61.4	59.2	57.2	55.4	50.51
55.0	62.2	63.8	68.2	70.8	71.2	69.8	67.2	64.0	60.8	59.8	60.6	57.13
49.68	51.65	53.12	54.18	54.60	54.54	54.21	52.86	51.35	49.52	48.54	47.77	48.63

WET THERMOMETER.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
JANUARY.	1	50.2	49.7	48.6	—	—	—	—	—	—	—	—	
	2	—	—	—	57.0	56.8	56.8	57.2	58.0	60.0	60.8	62.8	63.5
	3	44.8	43.2	43.0	42.8	—	42.2	41.8	41.4	42.2	44.2	46.2	45.8
	4	46.2	46.5	46.2	45.6	45.7	45.5	45.5	46.2	48.0	49.8	51.2	53.4
	5	54.0	54.2	54.4	54.7	54.3	54.3	54.3	54.0	—	53.5	54.2	55.2
	6	50.6	50.8	50.2	49.0	45.2	44.8	43.6	43.2	44.2	45.1	47.2	48.1
	7	52.0	52.0	52.0	52.0	52.0	51.4	51.2	50.8	51.3	52.0	54.2	54.8
	8	55.6	54.9	54.2	—	—	—	—	—	—	—	—	—
	9	—	—	—	54.1	54.4	54.7	50.8	49.0	50.5	50.7	51.4	52.2
	10	47.0	45.5	45.5	45.0	44.2	43.2	43.0	43.5	43.8	45.5	47.7	49.5
	11	51.8	51.3	51.1	50.6	50.2	50.2	49.3	49.2	48.8	50.7	53.3	55.0
	12	58.8	59.0	58.3	57.5	57.3	56.5	55.7	55.8	56.0	57.1	57.8	60.2
	13	62.4	61.3	62.1	62.0	62.5	62.3	62.3	61.2	—	62.6	64.2	63.6
	14	61.5	61.3	61.0	59.8	59.6	59.6	59.6	59.8	55.3	55.0	51.0	51.3
	15	46.6	47.0	46.0	—	—	—	—	—	—	—	—	—
	16	—	—	—	—	48.7	47.8	47.6	47.2	48.0	49.4	51.6	53.6
	17	57.6	56.4	55.9	55.3	—	54.4	53.2	52.6	53.2	54.0	56.2	57.5
	18	50.8	48.6	47.8	46.0	45.5	46.3	47.0	45.7	46.3	45.6	46.3	47.6
	19	48.5	47.0	47.3	46.8	46.6	46.2	45.7	45.4	46.5	47.6	49.8	51.6
	20	57.2	57.0	57.0	57.0	56.6	56.0	55.0	54.8	54.6	55.8	56.2	57.2
	21	57.6	55.4	54.2	53.0	53.2	53.0	53.0	53.2	—	54.6	55.3	57.0
	22	50.3	49.5	49.0	—	—	—	—	—	—	—	—	—
	23	—	—	—	53.0	53.0	53.0	53.2	53.0	53.3	54.0	55.2	56.7
	24	57.0	56.0	55.8	55.7	—	53.7	53.0	52.9	54.1	55.5	57.7	59.0
	25	56.0	55.5	54.5	54.5	52.7	55.0	55.0	55.3	55.2	57.2	58.8	59.0
	26	60.3	59.5	59.1	57.4	—	55.6	55.2	54.2	55.2	56.0	58.0	59.8
	27	49.4	49.2	49.4	49.0	—	46.2	45.0	44.0	44.5	47.0	49.1	50.4
	28	50.0	49.8	50.0	50.2	49.6	48.3	46.6	46.3	46.6	46.8	47.6	48.4
	29	46.7	46.3	46.3	—	—	—	—	—	—	—	—	—
	30	—	—	—	45.9	44.8	44.8	44.9	45.8	46.8	48.0	49.4	50.3
	31	46.8	46.2	46.0	46.0	—	46.4	46.5	46.2	46.4	46.8	46.8	49.0
Hourly Means	52.68	52.04	51.73	51.99	51.64	51.08	50.58	50.33	50.04	51.74	53.05	54.22	
FEBRUARY.	1	48.2	48.1	48.4	48.1	48.4	48.4	48.8	48.2	48.2	49.2	51.0	51.2
	2	56.6	56.6	56.0	55.0	54.8	54.3	54.2	52.7	52.3	54.3	56.0	57.0
	3	45.0	45.2	44.2	44.0	43.7	43.6	43.5	44.0	44.2	44.6	46.6	47.2
	4	42.7	42.4	41.5	42.5	—	—	42.2	42.0	—	42.6	44.2	47.0
	5	47.6	46.8	47.2	—	—	—	—	—	—	—	—	—
	6	—	—	—	—	51.5	51.3	51.2	50.0	50.0	50.6	51.0	50.6
	7	52.2	51.8	53.0	53.2	52.4	51.8	51.6	51.2	51.2	51.8	52.5	53.8
	8	54.0	54.0	54.6	55.0	55.0	55.0	55.0	54.2	54.6	55.6	56.1	57.0
	9	57.1	57.0	57.2	57.5	58.0	58.4	58.2	57.4	57.8	58.0	58.6	59.6
	10	61.3	60.4	59.8	59.2	58.2	57.4	56.6	56.2	55.8	57.0	59.0	61.0
	11	64.8	64.0	63.0	63.0	61.2	59.7	58.5	57.6	—	57.2	58.8	60.9
	12	60.0	60.4	59.9	—	—	—	—	—	—	—	—	—
	13	—	—	—	55.6	56.0	56.4	56.2	56.0	56.0	55.4	56.2	56.3
	14	54.6	54.4	54.2	54.2	—	54.7	54.6	54.8	54.5	54.2	54.0	55.3
	15	48.5	47.8	46.0	45.0	46.2	44.6	44.3	44.0	43.8	46.0	46.8	47.6
	16	43.7	43.7	43.0	43.2	43.6	43.8	43.8	44.0	44.9	45.2	46.5	47.2
	17	51.4	51.4	51.6	50.8	49.8	48.2	47.3	46.8	47.0	47.5	49.1	51.6
	18	55.8	55.0	54.0	54.2	54.0	53.2	52.4	52.3	—	53.4	55.0	56.6
	19	58.0	58.2	58.2	—	—	—	—	—	—	—	—	—
	20	—	—	—	54.2	54.0	54.0	54.0	54.0	54.8	55.2	56.3	56.2
	21	52.5	52.5	52.0	52.2	52.2	53.3	51.4	51.3	50.0	50.2	51.2	51.2
	22	52.1	51.7	52.0	52.0	—	52.0	52.0	51.4	51.2	51.3	52.0	53.2
	23	54.4	54.0	54.8	55.0	—	55.2	55.0	55.2	53.9	54.2	57.0	56.5
	24	54.3	53.5	53.0	53.3	54.2	53.2	52.0	51.7	51.2	50.8	53.0	54.0
	25	60.2	58.8	57.9	57.0	56.0	55.0	54.0	53.0	53.3	53.7	55.5	57.5
	26	52.7	52.4	52.2	—	—	—	—	—	—	—	—	—
	27	—	—	—	50.2	49.8	50.3	51.0	50.5	50.8	51.0	52.2	51.6
	28	52.0	52.3	52.4	52.0	51.6	51.4	51.2	51.2	51.8	52.0	52.6	54.0
	29	57.6	57.0	57.0	56.8	56.6	56.0	56.3	56.3	56.6	56.9	57.4	58.6
Hourly Means	53.50	53.18	52.92	52.63	52.72	52.14	51.81	51.44	51.54	51.92	53.14	54.11	

WET THERMOMETER.												Daily and Monthly Means.	
12	13	14	15	16	17	18	19	20	21	22	23		
21	22	23	0	1	2	3	4	5	6	7	8		
—	—	—	—	—	—	—	—	—	—	—	—	—	54.99
64.8	62.0	56.2	54.0	52.6	52.4	53.6	50.0	52.0	49.0	46.4	45.4	45.4	46.43
48.6	49.2	48.6	49.4	51.0	49.5	48.3	48.0	49.5	51.7	49.2	47.3	47.3	52.32
55.0	56.5	57.5	59.0	60.0	59.6	58.1	58.0	57.5	55.5	54.8	54.5	54.5	55.06
56.2	57.5	58.0	57.0	58.0	57.0	58.0	56.8	55.8	52.5	51.2	51.2	51.2	50.24
48.5	50.4	52.3	52.2	54.2	56.5	56.3	56.4	56.0	56.0	52.7	52.2	52.2	55.02
56.3	57.2	58.0	60.0	60.3	58.8	58.5	58.6	58.2	57.0	56.2	55.6	55.6	51.85
52.2	52.2	53.0	51.2	51.8	51.5	51.7	51.2	51.6	50.8	48.3	46.5	46.5	48.99
50.3	51.0	51.2	52.0	52.6	53.3	53.6	54.0	54.3	53.8	53.5	52.9	52.9	55.77
56.3	57.4	58.8	60.0	60.5	63.7	63.8	62.8	62.2	61.6	60.3	59.5	59.5	60.49
62.2	62.8	63.0	65.6	64.8	65.8	64.5	63.0	62.8	63.0	62.4	61.8	61.8	64.14
66.0	66.2	65.5	66.5	66.3	66.2	67.9	66.7	65.7	65.1	63.6	63.0	63.0	55.28
52.4	52.3	53.2	54.1	55.2	54.4	54.8	54.0	52.1	51.4	49.8	48.2	48.2	53.83
55.0	56.0	57.0	58.2	60.1	60.2	60.3	60.3	60.1	60.4	59.0	58.0	58.0	55.92
59.0	59.8	61.0	60.4	61.2	58.6	58.0	54.4	52.6	51.8	51.8	51.2	51.2	48.84
48.8	49.2	50.2	50.5	50.8	51.5	52.0	52.0	51.6	51.2	50.6	50.2	50.2	52.75
53.5	54.7	56.6	57.0	57.8	60.1	60.8	61.4	60.0	59.5	58.3	57.4	57.4	60.10
—	60.3	63.5	64.7	66.2	66.6	64.4	65.6	65.0	64.8	64.4	62.4	62.4	55.64
58.6	58.6	57.6	57.6	57.5	58.7	58.0	57.8	57.0	55.0	52.0	51.8	51.8	56.04
59.0	58.1	59.0	60.2	60.0	60.0	60.0	61.0	60.5	59.2	57.8	57.0	57.0	58.38
60.0	61.4	62.4	63.8	63.0	62.3	61.8	61.8	60.0	59.0	58.3	58.5	58.5	58.81
60.2	61.0	61.8	61.4	63.0	63.2	63.1	62.3	61.8	62.0	61.8	61.2	61.2	54.65
60.0	58.1	55.1	53.7	52.2	51.8	51.6	51.0	49.0	47.6	47.6	49.0	49.0	49.54
49.6	51.2	52.2	52.6	52.0	51.8	52.7	50.8	51.0	52.0	50.3	50.0	50.0	49.10
51.2	52.7	51.2	51.6	50.0	52.1	49.5	50.2	50.3	46.8	47.0	45.7	45.7	48.65
—	—	—	—	—	—	—	—	—	—	—	—	—	48.02
52.0	51.9	53.3	51.2	52.0	51.5	51.5	50.8	50.0	49.0	47.4	47.0	47.0	—
49.8	49.4	48.8	49.5	50.0	50.4	50.3	49.0	49.7	49.0	48.0	47.5	47.5	—
55.42	56.04	56.35	56.67	57.04	57.21	57.04	56.46	56.01	55.18	53.95	53.27	53.27	53.88
54.2	55.6	57.7	58.8	60.0	59.8	59.8	59.0	59.2	58.8	57.6	57.4	57.4	53.50
57.0	58.2	59.5	58.0	57.0	58.8	57.0	55.2	55.2	51.0	49.4	48.6	48.6	55.20
48.8	49.5	47.0	49.5	50.3	48.2	47.6	47.2	47.0	46.7	44.1	43.0	43.0	46.03
47.3	48.0	51.2	51.0	52.4	51.4	51.6	53.4	52.8	51.4	49.4	48.6	48.6	47.17
—	—	—	—	—	—	—	—	—	—	—	—	—	51.65
52.4	54.0	53.5	53.5	53.5	53.5	53.6	54.2	53.7	53.7	52.3	52.2	52.2	54.15
56.0	57.6	57.9	58.0	57.8	56.4	57.2	56.0	54.8	54.0	53.8	53.6	53.6	57.03
58.5	58.2	59.6	60.2	61.2	61.0	60.0	59.2	58.7	58.0	57.1	57.0	57.0	60.99
61.6	63.0	64.0	65.2	65.8	65.3	64.8	64.8	65.1	64.1	63.2	62.2	62.2	62.41
63.3	64.2	65.2	65.8	66.8	67.8	68.0	67.8	67.4	67.4	66.5	65.8	65.8	62.32
61.2	63.4	66.0	67.6	65.2	62.5	63.5	64.2	64.2	63.7	62.5	60.6	60.6	57.25
58.2	59.2	60.1	60.0	59.8	58.8	57.8	57.0	55.4	55.0	54.2	54.2	54.2	54.33
55.2	56.6	57.2	55.0	54.0	52.2	54.2	53.5	53.5	52.8	—	51.5	51.5	46.27
46.8	47.8	48.5	46.5	47.9	48.0	48.1	46.2	46.0	45.8	44.4	44.0	44.0	48.17
48.3	49.2	50.1	52.6	53.0	54.0	54.0	54.0	53.0	52.0	51.8	51.4	51.4	53.25
54.0	56.0	55.5	56.6	57.5	57.8	59.5	58.5	58.8	57.8	57.0	56.5	56.5	57.18
57.6	59.0	60.0	60.7	61.4	61.0	61.2	61.1	60.7	59.4	58.8	58.4	58.4	55.10
—	—	—	—	—	—	—	—	—	—	—	—	—	52.60
56.6	56.6	56.0	56.2	56.2	55.5	54.6	53.2	53.0	52.6	52.6	52.3	52.3	53.23
52.2	52.6	53.5	53.8	55.0	55.0	54.4	54.7	53.3	52.9	52.2	52.7	52.7	56.61
53.0	54.0	52.7	54.6	55.0	54.8	54.8	55.4	55.4	55.6	54.0	54.0	54.0	56.80
57.8	58.2	60.0	59.4	59.2	58.7	58.8	58.9	58.0	57.8	56.0	55.0	55.0	57.10
56.8	58.0	60.3	61.0	61.7	62.0	62.0	62.6	61.5	61.4	61.0	60.5	60.5	52.45
58.8	60.7	61.0	59.5	59.4	59.6	58.6	58.2	57.5	57.0	54.8	53.4	53.4	55.42
—	—	—	—	—	—	—	—	—	—	—	—	—	59.54
51.2	52.0	52.8	53.2	54.6	56.2	56.0	55.2	54.4	53.4	53.0	52.0	52.0	—
55.8	57.2	58.3	59.0	60.0	60.4	60.6	61.4	59.6	58.2	57.6	57.6	57.6	—
59.2	60.0	61.8	63.2	63.2	64.0	64.8	65.3	64.0	62.0	59.5	58.8	58.8	—
55.27	56.35	57.18	57.56	57.92	57.71	57.70	57.41	56.89	56.10	55.12	54.45	54.45	54.63

WET THERMOMETER.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
MARCH.	1	58°0	58°0	56°8	56°3	56°2	56°2	55°8	56°2	56°2	56°8	56°8	
	2	60°5	60°6	60°6	58°5	—	55°5	56°0	56°4	54°0	53°9	54°5	54°0
	3	53°4	53°0	53°2	52°8	50°4	50°0	50°0	49°5	—	50°4	52°0	53°2
	4	52°4	57°5	50°5	—	—	—	—	—	—	—	—	—
	5	—	—	—	55°4	54°8	53°8	53°0	52°0	51°8	52°2	55°0	56°3
	6	56°6	55°5	55°2	55°0	—	54°0	53°5	53°2	53°0	52°8	54°0	55°0
	7	58°0	57°2	54°6	52°4	51°3	52°2	52°6	52°9	53°2	53°5	53°8	55°2
	8	51°7	50°7	50°5	50°6	50°2	49°5	49°0	48°4	47°3	47°9	50°3	52°8
	9	55°0	54°0	55°2	55°0	53°0	52°6	52°2	51°8	52°0	51°5	53°5	55°2
	10	58°2	57°7	57°0	55°7	55°0	54°8	54°8	54°8	54°6	54°8	56°8	57°8
	11	63°6	63°6	64°0	—	—	—	—	—	—	—	—	—
	12	—	—	—	62°7	61°0	60°2	59°3	59°0	58°3	58°0	60°2	60°2
	13	61°0	59°3	57°2	56°8	56°2	55°3	55°2	54°8	—	54°2	55°0	56°8
	14	58°4	56°1	56°0	55°8	55°0	54°6	54°0	53°2	52°5	51°5	50°8	50°0
	15	48°8	48°0	48°4	48°6	48°7	48°8	48°5	48°0	48°7	48°5	49°7	51°1
	16	50°5	50°8	51°5	57°0	49°8	48°4	46°5	46°0	47°2	47°6	47°0	47°8
	17	55°3	53°8	53°7	53°5	53°8	54°4	55°0	55°0	55°0	55°8	56°6	57°0
	18	60°0	60°0	59°8	—	—	—	—	—	—	—	—	—
	19	—	—	—	54°6	53°6	52°0	52°2	52°4	52°6	52°6	54°8	55°4
	20	56°0	54°1	52°6	52°5	53°6	52°2	50°8	51°0	50°5	49°8	49°0	50°5
	21	47°0	47°1	46°3	45°7	45°2	45°5	46°0	47°0	—	47°8	48°2	49°2
	22	47°8	47°0	47°5	47°0	47°3	47°2	46°8	46°0	46°2	46°4	48°0	48°6
	23	52°2	52°6	53°0	53°2	55°5	54°2	52°2	51°5	50°5	49°5	49°6	51°7
	24	48°4	48°1	48°4	48°5	—	50°8	52°4	53°2	54°0	54°6	56°0	57°0
	25	55°8	55°5	55°3	—	—	—	—	—	—	—	—	—
	26	—	—	—	45°8	45°4	45°0	45°2	45°4	46°8	47°5	48°3	49°8
	27	47°8	48°0	47°2	46°4	45°0	45°0	44°0	44°8	45°8	46°0	47°0	47°8
	28	51°0	50°2	50°0	50°0	49°7	49°4	48°9	49°2	49°6	50°0	50°8	51°8
	29	53°0	52°2	51°0	50°2	49°7	49°5	49°3	49°2	49°0	50°2	51°2	50°8
	30	52°8	52°8	52°9	51°7	51°0	50°2	49°6	49°4	49°2	49°3	48°2	47°8
	31	47°0	46°4	46°3	47°0	47°2	48°0	48°4	49°3	50°2	50°4	52°2	54°0
Hourly Means	54°08	53°47	53°14	52°32	51°61	51°45	51°15	51°10	51°18	51°22	52°20	53°10	
APRIL.	1	53°2	52°3	52°0	—	—	—	—	—	—	—	—	
	2	—	—	—	55°3	55°2	55°2	54°0	49°5	48°1	48°4	48°3	49°7
	3	44°0	43°9	43°2	43°2	42°0	42°3	41°6	41°0	40°2	39°7	41°0	42°8
	4	47°0	46°9	46°4	46°3	—	46°6	45°8	45°0	44°8	44°8	45°6	48°5
	5	58°4	57°6	57°8	58°0	58°8	58°5	57°8	51°5	50°0	49°2	51°6	52°6
	6	50°5	50°8	49°0	48°8	49°0	49°0	48°0	47°3	47°5	47°6	47°6	48°4
	7	51°4	50°3	50°6	50°3	51°0	51°8	51°8	51°8	50°5	50°8	51°5	51°5
	8	52°6	52°4	51°8	—	—	—	—	—	—	—	—	—
	9	—	—	—	—	52°5	53°0	53°4	53°3	53°4	53°6	53°8	54°6
	10	53°5	54°3	54°0	53°5	52°0	50°6	51°0	51°0	51°3	51°5	52°2	53°2
	11	42°6	42°4	42°0	41°6	42°0	41°6	41°2	41°2	—	39°9	40°8	41°3
	12	46°9	47°8	47°7	48°0	48°9	49°0	50°8	51°8	52°2	53°4	54°0	56°0
	13	56°3	56°3	56°2	56°1	—	55°4	55°0	55°0	54°5	54°6	54°5	57°0
	14	52°4	52°8	53°0	52°8	52°6	52°3	52°2	51°8	51°6	52°0	52°2	52°9
	15	51°0	48°3	47°2	—	—	—	—	—	—	—	—	—
	16	—	—	—	40°2	40°0	40°0	39°8	39°6	39°5	39°8	40°5	42°5
	17	46°0	45°8	46°0	46°4	46°6	46°8	46°8	47°2	47°8	47°7	47°8	47°8
	18	55°0	55°4	55°0	54°7	54°2	54°0	53°9	53°8	—	53°8	54°8	54°6
	19	45°0	44°4	45°0	45°1	45°2	45°0	45°0	45°0	—	42°6	45°2	47°6
	20	47°5	47°4	46°8	—	—	—	—	—	—	—	—	—
	21	—	—	—	50°1	49°2	49°0	48°0	48°4	48°0	47°8	48°2	50°0
	22	51°8	51°5	51°0	—	—	—	—	—	—	—	—	—
	23	—	—	—	54°0	54°0	54°0	53°3	52°8	52°6	52°3	52°4	52°3
	24	46°4	46°0	45°3	44°2	—	43°3	43°3	43°3	43°3	43°0	43°0	43°8
	25	48°2	48°6	48°3	48°4	48°4	48°6	48°4	48°8	—	48°5	48°9	50°0
	26	55°0	54°8	55°0	55°0	56°5	58°0	59°2	59°8	59°4	59°4	59°3	59°2
	27	55°8	55°2	55°5	56°0	55°6	56°0	55°8	55°1	—	55°0	55°6	56°0
	28	58°2	58°0	58°0	57°4	57°2	57°2	57°0	55°6	55°2	55°2	55°0	55°8
	29	50°8	50°8	50°0	—	—	—	—	—	—	—	—	—
	30	—	—	—	45°2	45°8	45°0	43°7	44°1	43°5	43°0	42°2	45°8
Hourly Means	50°81	50°58	50°28	50°03	50°32	50°09	49°87	49°32	49°13	48°90	49°43	50°58	

* Good Friday.

WET THERMOMETER.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
56°8	58°2	58°8	59°0	59°0	60°4	61°2	62°3	61°8	61°3	60°8	60°7	58°32
54°7	56°0	56°1	57°7	57°0	57°0	58°7	57°2	56°4	55°8	54°8	54°0	56°52
54°8	56°6	56°5	58°1	55°8	56°1	57°8	56°2	56°2	55°0	54°0	52°9	53°82
—	—	—	—	—	—	—	—	—	—	—	—	56°85
58°5	59°2	61°3	61°2	61°0	62°6	61°8	62°0	61°8	60°4	58°2	57°8	57°40
57°8	59°2	60°8	61°6	60°0	60°8	62°0	63°0	60°2	59°0	59°0	59°0	57°40
56°0	55°3	57°5	56°6	57°5	56°3	56°1	55°4	55°5	55°2	53°8	52°0	54°75
55°1	55°6	55°8	57°0	57°8	58°5	58°4	57°6	57°2	56°6	56°2	55°2	53°33
56°8	58°2	59°2	60°6	61°8	62°5	63°0	65°0	64°0	61°8	61°5	59°3	57°28
60°0	60°3	61°8	62°0	63°0	63°3	63°5	63°8	63°4	63°5	63°4	63°3	59°30
—	—	—	—	—	—	—	—	—	—	—	—	62°03
60°6	62°5	63°8	65°0	65°0	63°0	64°5	64°8	64°2	62°2	61°8	61°2	58°27
58°0	60°7	62°2	63°5	58°8	60°6	59°8	59°7	60°0	59°1	58°1	57°9	51°72
50°2	50°0	49°6	50°0	49°6	49°6	49°5	50°0	49°2	49°2	48°5	48°0	50°56
52°6	52°4	54°4	53°6	52°7	52°2	53°0	52°2	51°6	51°0	51°0	51°0	52°88
49°8	53°0	56°0	57°2	59°8	60°0	60°2	59°7	58°2	57°2	56°6	57°3	57°73
57°6	58°0	58°8	61°2	61°2	64°4	62°6	61°8	61°0	60°0	60°0	60°0	56°40
—	—	—	—	—	—	—	—	—	—	—	—	51°75
56°2	56°2	57°8	58°0	59°0	59°4	58°8	58°0	58°3	58°0	58°0	56°0	50°31
50°6	51°2	52°1	53°3	53°2	54°2	52°9	54°0	51°4	51°6	48°0	47°0	49°52
51°8	52°2	53°8	55°6	57°2	56°5	56°0	55°0	56°0	50°0	49°3	48°8	52°18
50°0	50°6	50°4	51°6	51°8	53°5	53°8	53°2	52°0	52°6	51°5	51°8	55°39
51°6	54°0	53°2	52°1	53°8	55°0	53°5	53°8	52°6	49°8	49°0	48°2	50°82
57°3	57°2	59°2	60°4	60°4	61°0	61°0	61°0	57°2	55°5	56°2	56°1	48°87
—	—	—	—	—	—	—	—	—	—	—	—	52°73
51°2	52°7	54°8	55°3	56°2	55°4	56°0	53°6	52°6	49°2	48°2	48°6	54°24
51°0	51°8	51°8	51°0	51°0	52°3	51°3	52°0	51°8	51°8	51°3	51°0	50°85
53°4	54°3	55°0	57°6	56°8	56°3	57°0	56°6	55°4	54°8	54°8	53°0	52°42
52°4	54°2	57°0	60°2	61°6	62°0	62°2	61°0	59°8	57°0	55°0	54°0	50°15
50°6	51°1	52°0	54°0	53°4	52°6	53°0	52°3	51°8	50°0	48°0	47°0	46°00
55°3	56°2	56°2	57°8	57°0	57°6	56°9	56°5	56°3	55°2	53°7	53°0	52°76
54°47	55°44	56°52	57°45	57°46	57°90	57°94	57°70	56°92	55°66	54°84	54°23	54°31
—	—	—	—	—	—	—	—	—	—	—	—	50°15
50°2	50°3	50°0	50°5	48°8	49°8	49°2	48°5	47°0	47°0	46°0	45°0	46°00
46°0	48°0	48°5	50°0	52°0	51°6	52°6	52°5	51°2	49°5	48°6	48°7	52°76
50°7	54°0	57°4	60°2	61°8	62°0	62°3	60°8	60°0	59°2	58°8	58°6	54°99
54°6	55°8	56°4	56°4	56°2	56°0	55°8	55°3	53°5	53°0	52°0	53°0	50°60
49°4	50°6	51°8	52°5	53°3	53°0	54°2	55°0	53°8	53°2	52°9	51°3	52°76
53°2	53°0	53°4	55°7	56°4	55°4	56°6	55°6	54°2	53°4	53°0	53°0	54°85
—	—	—	—	—	—	—	—	—	—	—	—	51°02
56°0	57°0	57°8	57°5	58°0	57°3	57°4	56°3	55°3	55°3	55°0	54°2	44°32
55°3	55°4	53°9	53°3	52°6	51°0	49°2	48°0	45°8	44°6	43°8	43°0	53°95
43°2	44°8	46°4	47°2	48°0	48°2	48°5	47°8	48°2	46°8	47°0	46°7	56°66
55°6	57°0	57°2	57°0	58°6	57°7	58°8	58°6	57°8	57°1	56°5	56°3	53°02
57°9	59°0	57°8	58°9	61°2	59°5	58°0	57°7	56°8	55°8	56°0	53°6	44°70
53°6	53°8	54°4	55°0	56°0	54°0	53°8	53°0	52°7	52°6	52°7	52°2	50°01
—	—	—	—	—	—	—	—	—	—	—	—	52°45
44°5	45°7	46°5	47°8	48°6	49°2	48°4	48°0	46°9	46°6	46°0	46°0	47°93
48°4	50°0	52°0	53°0	53°5	54°0	54°0	54°4	54°2	54°4	54°7	54°9	51°78
55°3	53°2	51°5	52°7	53°0	53°9	52°3	49°2	47°5	47°0	46°0	45°5	52°40
49°0	50°7	52°6	51°4	51°6	51°2	51°6	52°0	51°0	49°2	48°8	48°2	46°39
—	—	—	—	—	—	—	—	—	—	—	—	52°52
51°8	52°8	54°5	57°2	56°4	58°5	58°1	57°1	56°0	53°9	53°0	53°0	58°92
—	—	—	—	—	—	—	—	—	—	—	—	57°92
52°3	53°0	52°2	52°8	53°5	54°0	54°0	53°5	51°0	51°7	48°7	48°9	55°50
47°0	48°0	47°8	48°0	48°5	49°2	49°6	49°6	49°1	48°2	48°3	48°7	48°18
51°2	51°7	53°4	54°6	58°0	59°8	59°6	59°0	57°2	56°3	56°3	55°8	51°65
59°6	60°2	61°2	61°8	61°8	62°8	62°8	61°8	61°5	57°4	56°6	56°2	52°82
56°2	58°0	60°0	61°2	62°2	63°1	61°1	62°4	60°8	59°1	58°2	58°3	57°28
57°1	57°7	58°1	55°6	55°2	55°0	53°8	53°0	51°8	51°8	51°6	51°6	50°15
—	—	—	—	—	—	—	—	—	—	—	—	50°01
47°0	48°0	49°2	50°0	51°8	52°7	52°5	52°0	51°7	51°0	50°6	50°0	51°65
51°88	52°82	53°50	54°18	54°88	54°95	54°76	54°21	53°12	52°25	51°71	51°36	51°65

WET THERMOMETER.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
MAY.	1	49°6	50°7	53°3	57°2	—	58°4	55°4	54°0	51°7	51°8	50°0	50°8
	2	48°6	47°0	44°6	44°0	—	43°8	43°8	43°6	43°2	42°8	42°9	44°1
	3	48°5	48°4	47°7	47°2	46°8	46°7	46°5	48°3	49°8	51°0	51°8	54°2
	4	47°4	47°3	49°3	47°0	—	46°0	45°4	45°2	44°7	44°2	44°2	44°7
	5	48°6	48°4	48°6	48°8	48°6	48°3	48°5	48°8	49°0	49°0	49°2	49°5
	6	50°5	50°0	50°0	—	—	—	—	—	—	—	—	—
	7	—	—	—	47°8	47°4	47°2	46°8	46°4	46°4	46°6	47°6	48°4
	8	43°8	44°0	44°0	44°2	44°8	45°0	45°0	45°0	45°0	45°0	45°5	45°7
	9	45°0	45°3	45°8	45°5	46°3	46°1	45°2	45°3	45°0	44°2	44°2	44°6
	10	46°8	45°9	45°8	45°6	44°2	44°0	43°8	43°5	—	41°3	41°3	42°1
	11	46°8	47°0	46°2	46°2	45°8	45°5	45°5	45°1	44°0	44°6	44°6	45°8
	12	44°0	44°0	43°0	44°1	42°4	41°0	39°4	40°0	39°4	39°0	39°2	41°0
	13	44°5	42°2	41°0	—	—	—	—	—	—	—	—	—
	14	—	—	—	43°1	43°6	44°3	44°7	45°0	44°1	43°5	43°7	43°9
	15	41°7	41°8	41°3	41°0	42°1	41°6	41°0	41°4	41°2	41°0	40°2	42°2
	16	47°6	48°1	46°6	47°0	46°2	46°2	46°0	46°0	46°2	46°8	49°6	48°8
	17	46°8	45°8	45°0	44°2	43°2	43°2	42°8	42°2	42°0	41°4	41°4	42°4
	18	44°0	43°5	45°0	44°7	45°0	45°2	45°4	45°2	45°2	45°0	45°0	46°0
	19	45°7	45°7	45°0	44°7	44°2	43°2	42°4	41°6	41°2	41°2	41°2	42°0
	20	43°0	43°7	43°7	—	—	—	—	—	—	—	—	—
	21	—	—	—	45°0	44°7	45°0	45°6	44°3	43°6	43°0	44°2	44°4
	22	51°9	51°6	51°6	51°0	51°0	51°2	51°4	51°4	51°2	51°2	51°0	51°8
	23	46°8	45°2	44°8	44°8	—	44°2	44°0	43°3	43°2	44°0	43°0	45°3
	24	48°5	48°0	47°4	47°6	47°7	47°8	48°0	47°8	47°6	47°4	47°0	46°8
	25	41°0	42°0	41°3	41°0	40°4	39°8	38°8	37°8	37°8	37°8	38°2	38°7
	26	40°4	39°8	39°8	39°5	39°0	38°5	38°0	37°4	35°5	36°5	38°0	38°5
	27	46°0	45°6	45°2	—	—	—	—	—	—	—	—	—
	28	—	—	—	48°8	48°8	48°5	48°0	47°7	47°1	47°0	47°0	46°4
	29	46°2	46°8	46°8	46°7	46°3	46°8	46°5	46°0	46°0	45°2	45°6	45°1
	30	43°7	43°2	42°8	42°4	42°7	43°1	42°7	43°2	42°5	42°5	42°5	42°0
	31	41°2	41°3	42°1	43°0	—	43°0	43°0	43°0	42°5	42°5	43°2	43°5
Hourly Means	45°87	45°64	45°47	45°63	45°05	45°32	44°95	44°76	44°43	44°28	44°50	45°14	
JUNE.	1	44°4	44°6	44°6	44°6	44°8	45°0	45°0	45°0	45°0	45°0	45°0	45°0
	2	41°3	40°8	39°7	39°0	38°3	38°6	38°9	38°2	38°2	38°4	38°8	39°8
	3	39°0	38°0	37°7	—	—	—	—	—	—	—	—	—
	4	—	—	—	40°0	41°0	41°3	40°7	40°6	40°6	42°2	43°7	44°2
	5	46°2	45°7	45°3	45°0	45°0	44°4	44°4	44°3	44°6	45°0	44°8	45°6
	6	43°3	43°2	42°1	41°2	41°0	40°8	40°5	40°0	—	38°4	38°3	38°0
	7	45°0	44°6	44°2	44°0	44°0	44°3	44°5	44°7	44°7	44°9	45°2	45°3
	8	40°0	39°5	39°3	39°3	39°3	39°1	39°3	39°0	40°4	40°0	40°2	39°0
	9	39°5	39°4	39°4	38°9	38°6	38°4	38°0	38°0	—	38°2	38°8	38°8
	10	42°4	43°0	43°8	—	—	—	—	—	—	—	—	—
	11	—	—	—	43°2	42°0	40°6	40°4	39°2	38°6	38°0	38°8	40°0
	12	42°9	42°0	41°9	41°5	—	41°2	41°2	41°0	40°5	40°1	39°8	39°7
	13	42°0	41°6	40°8	40°6	40°2	40°1	40°0	40°1	39°7	40°0	39°8	40°0
	14	41°2	41°0	41°0	41°2	41°1	41°1	40°9	41°0	41°0	41°0	40°8	41°0
	15	40°0	39°7	40°0	39°3	39°2	39°0	39°0	39°0	39°9	39°5	39°4	39°8
	16	44°0	44°0	44°6	44°0	42°8	44°0	43°2	42°8	43°0	43°0	42°3	42°4
	17	45°0	45°2	44°2	—	—	—	—	—	—	—	—	—
	18	—	—	—	—	48°4	48°0	47°6	47°2	47°7	48°7	48°2	48°0
	19	44°6	44°1	44°3	44°0	—	43°3	42°8	42°3	—	42°8	43°0	44°2
	20	44°5	43°7	43°0	42°8	41°9	41°2	40°4	40°0	39°6	39°4	38°6	38°6
	21	43°9	42°7	42°2	42°0	42°0	42°0	41°6	41°6	41°0	41°6	41°8	41°8
	22	41°0	40°5	40°0	40°0	39°8	39°4	39°0	39°0	39°0	38°7	38°5	38°2
	23	38°8	39°0	39°4	39°5	39°5	39°7	39°9	40°0	40°0	40°0	40°2	40°8
	24	43°2	43°8	43°8	—	—	—	—	—	—	—	—	—
	25	—	—	—	43°8	43°2	42°2	42°2	42°7	42°4	42°1	40°6	41°7
	26	44°0	43°4	42°3	42°8	42°2	42°0	41°6	41°0	40°2	40°0	39°8	40°8
	27	46°1	46°3	46°8	47°1	47°0	46°8	46°6	46°6	45°0	44°3	44°8	44°3
	28	45°4	45°4	45°0	44°6	44°0	43°5	43°0	42°3	41°3	41°3	41°0	41°0
	29	46°0	47°2	47°0	47°0	48°0	49°0	47°7	48°4	48°0	47°8	47°8	47°0
	30	45°7	45°1	45°0	44°5	—	45°2	45°6	45°5	45°9	46°0	45°3	44°3
Hourly Means	43°05	42°83	42°60	42°40	42°32	42°32	42°08	41°90	42°01	41°78	41°74	41°90	

WET THERMOMETER.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
52.0	53.3	53.4	53.4	53.4	53.0	53.6	52.9	51.0	51.2	51.0	50.8	52.70
45.8	47.6	48.2	49.4	49.3	49.0	50.2	50.2	48.8	48.5	48.3	48.2	46.60
54.8	55.0	55.6	56.3	56.4	55.4	55.2	53.8	51.2	49.2	48.8	48.4	51.12
46.7	48.2	48.6	50.2	51.0	51.2	49.3	48.8	48.6	48.0	47.8	48.8	47.50
50.6	51.8	51.8	51.8	51.7	51.8	51.3	51.0	51.0	50.2	50.3	50.5	49.96
—	—	—	—	—	—	—	—	—	—	—	—	—
49.5	50.0	50.5	51.0	51.6	49.8	49.0	47.2	46.0	45.0	44.6	44.2	48.06
46.6	47.2	47.8	47.6	49.0	48.2	46.5	46.6	46.0	44.8	44.9	44.8	45.71
45.4	47.0	48.5	48.8	48.0	47.6	47.3	47.0	47.3	47.2	47.3	47.0	46.29
43.9	46.5	47.3	48.2	48.4	49.0	48.2	47.8	47.8	48.0	47.5	46.4	45.80
47.8	48.8	49.0	48.6	47.0	46.8	45.8	45.2	45.0	45.0	44.6	44.3	46.04
42.8	44.5	45.7	47.0	48.3	48.0	47.7	46.6	46.4	45.9	45.6	45.0	43.75
—	—	—	—	—	—	—	—	—	—	—	—	—
43.3	43.3	45.5	46.5	46.0	46.0	44.5	43.3	42.8	42.0	42.0	42.0	43.82
44.7	47.2	48.2	50.0	51.0	50.9	50.7	50.7	48.9	48.3	47.1	46.5	45.03
48.9	49.0	48.5	48.2	49.2	49.4	49.6	49.0	48.0	47.0	46.8	46.8	47.73
44.4	46.8	48.0	48.2	47.2	47.3	47.0	46.0	45.4	44.6	45.3	45.3	44.83
46.2	47.0	49.0	48.9	49.0	48.5	47.9	46.9	46.3	46.8	—	46.2	46.17
46.1	47.0	49.0	48.8	50.0	49.2	48.8	47.6	45.6	45.0	43.8	42.6	45.07
—	—	—	—	—	—	—	—	—	—	—	—	—
45.2	48.3	49.5	50.2	52.1	53.9	53.1	52.2	52.0	51.6	51.6	51.8	47.57
51.3	52.0	52.2	50.9	50.2	50.8	50.8	49.4	47.2	46.8	47.0	47.0	50.50
47.0	49.4	49.4	51.2	51.2	51.0	51.0	50.6	50.2	49.3	48.8	48.8	47.24
48.8	49.0	49.4	49.3	48.8	49.9	48.7	47.9	45.7	44.6	44.1	42.6	47.52
41.3	44.0	45.5	46.7	47.8	48.0	47.7	46.5	44.5	43.5	42.5	40.8	42.22
40.2	41.1	42.0	42.5	43.6	45.8	48.8	49.2	48.8	49.2	49.5	47.6	42.05
—	—	—	—	—	—	—	—	—	—	—	—	—
47.5	47.8	49.3	49.8	49.8	49.0	48.2	48.2	47.3	47.0	46.8	46.3	47.63
45.8	45.8	45.5	45.8	45.9	46.0	45.2	45.6	44.2	43.2	43.6	43.9	45.60
42.0	42.5	41.6	41.8	41.7	41.6	41.1	40.8	40.3	40.2	40.6	40.8	42.01
44.7	45.2	46.1	47.5	47.8	48.0	47.0	46.8	45.8	45.0	44.0	44.0	44.36
46.42	47.60	48.34	48.84	49.09	49.08	48.67	48.07	47.11	46.56	46.32	45.98	46.40
45.8	47.4	49.6	50.8	49.9	50.4	49.5	47.3	45.5	44.8	44.0	42.8	46.08
42.4	43.0	44.3	45.2	46.6	47.0	46.5	45.0	42.9	41.1	39.6	39.3	41.37
—	—	—	—	—	—	—	—	—	—	—	—	—
46.0	46.2	47.2	48.2	49.2	49.6	49.0	47.8	47.0	46.4	46.1	45.3	44.04
47.8	49.5	50.2	50.7	51.0	51.4	50.5	50.0	47.0	45.7	44.8	43.3	46.76
40.0	40.3	42.2	43.2	45.1	46.5	46.4	45.0	44.0	44.8	45.0	45.0	42.36
46.8	47.4	47.2	47.0	45.6	45.0	43.2	42.5	41.8	41.3	40.7	40.0	44.33
39.8	39.5	40.4	41.4	39.5	40.8	40.0	39.8	39.2	40.0	39.2	40.0	39.75
40.0	40.2	41.3	41.7	42.4	42.6	42.0	41.6	41.0	41.2	41.4	42.0	40.15
—	—	—	—	—	—	—	—	—	—	—	—	—
41.2	42.3	43.2	44.5	45.7	45.0	44.6	44.3	43.8	43.6	43.6	43.2	42.30
40.0	41.3	41.5	42.5	43.4	44.2	43.6	43.6	43.0	42.8	42.8	42.0	41.85
40.4	41.4	42.6	43.0	43.5	43.8	43.5	43.0	42.2	42.0	41.7	41.5	41.40
41.2	42.0	42.2	43.0	43.4	43.2	43.0	42.0	41.0	40.5	40.2	40.0	41.42
40.5	43.2	44.4	47.8	47.8	50.0	49.8	48.0	47.4	45.8	45.8	45.0	42.89
43.6	45.8	47.0	48.4	48.6	48.7	47.5	46.0	45.0	44.4	44.1	44.1	44.72
—	—	—	—	—	—	—	—	—	—	—	—	—
48.2	50.3	51.2	51.3	51.8	51.0	50.4	48.8	48.2	47.3	46.7	45.0	48.20
45.8	46.8	47.2	48.2	49.1	49.8	49.9	48.0	46.8	45.6	45.0	44.9	45.57
41.4	43.0	45.0	46.2	48.0	48.4	47.6	46.5	45.0	44.8	44.5	45.0	43.30
42.0	42.6	45.0	47.2	49.0	49.2	47.3	44.0	43.0	42.4	42.2	41.4	43.31
39.2	40.0	40.6	40.8	41.5	42.0	41.2	40.7	40.0	40.0	40.0	39.8	39.95
41.6	42.0	42.8	43.2	43.6	44.0	43.8	43.5	43.2	43.1	43.2	43.2	41.42
—	—	—	—	—	—	—	—	—	—	—	—	—
44.8	46.5	46.8	49.0	49.0	48.4	48.0	47.0	46.5	45.8	45.2	44.8	44.73
42.8	43.7	45.3	46.0	47.2	48.2	49.1	48.7	48.0	47.6	47.2	47.0	44.20
46.3	48.1	49.5	50.7	51.2	51.4	51.0	49.0	47.2	46.8	45.8	45.0	47.24
41.8	42.6	44.0	45.0	46.2	47.2	48.2	47.3	46.0	46.2	45.9	46.0	44.34
49.4	50.3	51.5	51.8	51.2	51.0	50.5	49.8	47.8	—	46.8	46.2	48.57
45.6	46.9	48.0	47.8	48.1	47.2	45.8	45.0	43.6	42.0	40.6	40.0	45.16
43.25	44.32	45.40	46.33	46.83	47.15	46.61	45.55	44.47	43.84	43.54	43.15	43.67

WET THERMOMETER.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
JULY.	1	39°2	39°0	38°7	—	—	—	—	—	—	—	—	
	2	—	—	—	46°3	47°1	47°1	48°0	48°1	48°0	48°0	47°6	47°8
	3	42°9	42°4	41°8	41°0	40°2	39°8	39°8	39°6	39°7	40°0	40°0	40°2
	4	42°8	42°4	42°2	42°0	42°0	42°2	42°0	42°0	42°6	42°5	42°4	43°9
	5	39°9	40°0	40°6	41°0	40°8	41°0	40°2	40°5	40°5	40°3	40°5	41°4
	6	42°5	42°5	42°3	42°6	42°8	42°8	42°3	42°5	42°4	42°3	42°2	42°8
	7	43°3	43°7	43°7	43°5	43°7	43°7	43°4	43°2	43°0	43°7	42°3	42°5
	8	43°7	43°8	43°5	—	—	—	—	—	—	—	—	—
	9	—	—	—	44°0	44°0	43°5	43°2	42°8	—	42°1	42°0	42°1
	10	41°0	39°0	39°0	39°0	38°1	38°4	38°1	37°9	38°2	38°2	38°5	38°8
	11	41°8	41°8	41°5	41°2	40°9	39°6	39°0	38°0	36°4	35°8	35°0	35°4
	12	34°2	34°0	33°5	33°6	33°2	32°5	32°3	32°2	32°0	32°0	32°4	32°3
	13	35°8	35°4	35°6	36°0	35°2	36°2	36°0	37°0	—	37°6	39°0	41°0
	14	38°8	38°8	38°0	37°2	36°6	36°9	37°2	37°3	36°0	34°8	36°2	37°4
	15	44°0	43°8	43°5	—	—	—	—	—	—	—	—	—
	16	—	—	—	38°2	37°3	37°5	37°0	37°0	37°0	37°0	36°7	37°9
	17	42°5	42°6	42°5	32°3	42°3	42°9	43°1	43°0	43°5	43°8	43°8	44°0
	18	37°7	37°4	36°7	36°0	35°4	35°2	34°8	34°6	—	34°9	34°9	34°2
	19	36°4	36°0	35°8	34°0	33°2	33°0	32°7	32°0	32°6	32°4	32°4	34°0
	20	38°0	36°8	36°5	36°0	35°1	35°0	35°0	35°2	34°8	34°7	34°7	35°8
	21	42°3	42°4	42°1	42°2	42°2	41°8	41°2	41°2	40°8	40°6	40°5	40°6
	22	39°0	37°2	37°0	—	—	—	—	—	—	—	—	—
	23	—	—	—	35°1	34°2	33°4	33°5	33°1	33°0	33°0	34°8	34°6
	24	42°0	41°6	42°7	43°4	44°0	43°8	43°8	44°0	44°0	44°0	43°7	43°3
	25	41°6	41°0	39°6	38°6	38°0	37°0	36°3	37°0	37°1	37°1	36°4	37°3
	26	38°0	37°8	37°8	37°7	37°8	38°0	38°3	38°5	38°6	38°4	38°4	38°8
	27	37°4	37°5	37°6	37°3	—	37°0	36°8	36°4	34°3	34°0	34°2	34°2
	28	39°4	39°5	39°8	39°9	39°4	39°0	38°4	37°6	38°0	37°7	36°6	38°0
	29	41°2	40°7	39°7	—	—	—	—	—	—	—	—	—
	30	—	—	—	35°6	35°2	35°0	33°6	33°4	32°7	32°2	32°0	33°7
	31	40°4	39°4	39°4	59°4	39°2	38°8	38°2	36°8	37°0	37°7	38°8	41°2
Hourly Means	40°22	39°87	39°66	39°35	39°12	38°89	38°62	38°50	38°36	38°26	38°31	38°70	
AUGUST.	1	43°8	44°0	43°1	43°6	—	42°3	42°3	42°4	42°4	42°4	43°4	
	2	42°2	41°0	41°7	42°1	42°3	41°8	41°2	39°4	39°0	39°3	39°9	40°3
	3	39°6	39°2	38°8	38°0	—	38°0	38°0	39°3	40°1	40°2	39°3	38°2
	4	36°0	36°8	37°2	36°5	36°3	37°2	37°0	37°2	37°6	37°8	38°2	38°8
	5	38°5	38°2	38°8	—	—	—	—	—	—	—	—	—
	6	—	—	—	44°2	42°5	39°8	38°7	37°8	36°8	36°2	36°0	38°0
	7	42°0	40°0	39°0	39°0	39°4	39°7	39°4	38°7	37°8	37°3	36°6	37°3
	8	43°0	43°9	44°2	44°1	43°6	43°0	42°2	41°6	41°0	40°8	42°0	42°5
	9	46°5	46°0	46°0	45°4	45°7	44°0	42°8	42°3	43°0	42°2	41°7	42°6
	10	47°3	47°0	45°8	45°3	44°6	44°6	44°3	44°0	—	43°2	42°4	44°2
	11	42°0	41°8	41°3	41°0	41°2	41°4	41°4	41°5	41°0	40°8	41°5	42°5
	12	46°0	45°3	43°8	—	—	—	—	—	—	—	—	—
	13	—	—	—	40°7	40°4	40°0	39°0	39°0	38°8	38°4	38°2	39°4
	14	43°3	43°0	43°0	42°6	42°8	41°8	41°0	40°6	40°8	40°5	40°0	42°8
	15	43°6	42°8	41°8	41°6	41°4	41°2	40°2	39°8	39°0	38°1	37°0	40°0
	16	39°4	42°2	40°0	40°3	40°2	40°5	40°7	40°5	40°2	40°0	40°0	40°6
	17	39°6	39°7	40°0	40°0	40°0	40°0	40°0	40°0	39°3	39°0	39°0	39°0
	18	37°0	38°4	38°6	38°8	38°2	37°8	37°3	37°0	37°4	38°0	37°6	41°0
	19	41°0	39°8	38°7	—	—	—	—	—	—	—	—	—
	20	—	—	—	39°0	38°6	38°2	37°6	37°0	36°8	37°5	37°8	40°3
	21	43°5	42°4	42°5	42°7	42°8	42°8	42°4	42°0	—	41°0	41°4	43°0
	22	44°3	42°8	42°1	41°7	41°0	40°2	39°5	39°0	—	38°0	37°6	41°0
	23	43°9	44°1	43°1	41°6	41°3	42°2	43°6	43°8	43°0	42°2	42°0	41°8
	24	36°4	36°2	37°0	37°6	37°7	38°0	39°0	39°0	39°7	39°4	39°0	41°2
	25	39°0	38°8	38°4	38°3	38°7	38°2	37°3	36°3	36°8	37°0	37°5	39°4
	26	39°2	39°3	39°3	—	—	—	—	—	—	—	—	—
	27	—	—	—	41°0	41°0	41°3	41°5	41°5	42°0	41°5	41°8	43°7
	28	46°1	45°9	45°7	46°0	46°3	45°7	45°6	45°6	44°8	45°3	45°2	45°0
	29	44°8	44°0	42°3	43°0	42°5	41°7	40°8	40°5	—	41°9	41°5	43°0
	30	44°8	43°4	42°3	41°2	40°8	40°5	39°3	39°7	40°0	40°2	40°0	41°5
	31	46°7	47°0	46°6	46°2	—	46°3	46°1	46°3	46°5	46°0	45°3	45°2
Hourly Means	42°20	41°89	41°52	41°54	41°22	41°04	40°67	40°44	40°17	40°15	40°03	41°32	

WET THERMOMETER.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
47.8	48.0	48.3	48.5	49.2	49.7	49.1	48.7	47.7	45.3	44.6	43.1	46.45
41.5	42.2	43.1	43.3	44.2	45.0	44.6	44.0	43.2	43.4	43.2	43.0	42.00
44.2	44.6	43.2	43.0	40.0	41.0	41.2	40.7	39.5	39.7	39.5	39.8	41.89
41.8	42.0	42.2	42.2	41.9	43.0	42.9	42.6	42.2	42.3	42.2	42.3	41.43
43.3	44.5	45.3	46.2	45.8	46.5	46.4	46.0	45.4	45.2	44.5	43.6	43.86
43.2	44.8	46.0	46.8	46.2	46.0	45.9	45.5	45.0	45.1	44.8	44.2	44.30
43.1	43.3	44.8	45.7	46.0	46.2	44.6	45.2	43.8	41.8	41.0	40.0	43.49
39.8	40.8	41.8	43.2	44.0	44.0	43.8	43.3	43.5	43.0	42.2	42.0	40.65
37.6	38.5	40.2	40.8	42.2	42.1	40.4	39.5	37.8	37.8	35.2	34.2	38.86
33.0	35.0	36.2	37.1	39.8	40.0	40.6	39.2	38.0	36.8	36.4	36.4	35.12
42.8	44.2	45.6	45.8	45.8	45.0	44.5	44.5	42.0	40.8	39.7	39.0	40.02
39.0	40.3	42.5	44.7	47.2	47.2	47.2	46.2	45.8	45.4	45.3	43.5	40.81
38.8	39.4	40.5	42.2	42.6	44.2	44.8	43.8	42.9	43.0	42.0	41.5	40.53
46.0	45.8	45.0	43.3	42.2	42.9	42.0	41.4	39.8	39.0	38.7	38.0	42.52
38.9	39.8	40.9	40.9	40.6	40.6	39.6	39.0	38.4	37.0	35.8	36.4	37.38
36.3	39.4	41.6	43.8	45.0	44.5	44.5	44.7	44.0	41.8	40.5	38.4	37.88
37.2	39.8	42.3	44.0	45.3	46.8	46.2	45.0	44.0	43.3	42.2	42.2	39.41
41.3	43.0	44.1	45.0	45.2	46.0	45.5	45.2	43.4	42.8	41.0	38.8	42.47
35.8	37.0	38.7	42.2	44.0	45.0	45.4	45.6	44.3	43.3	42.9	42.3	38.52
44.2	44.6	45.2	46.5	47.6	47.8	46.6	45.0	42.2	43.0	42.6	41.8	44.06
37.8	39.6	40.4	40.6	40.0	40.0	40.0	39.6	38.3	37.8	37.5	37.5	38.59
39.0	40.0	40.0	40.4	41.1	41.2	41.8	40.3	39.0	38.4	38.3	37.9	38.98
36.6	37.6	39.9	41.8	42.8	43.0	42.5	42.2	41.7	40.6	40.0	39.5	38.47
40.3	42.2	43.5	44.8	44.8	44.6	44.8	44.0	42.4	43.2	42.8	42.8	40.98
35.5	37.8	40.0	43.0	44.8	45.2	45.4	44.2	44.0	43.0	41.6	40.6	38.75
42.8	45.0	45.4	48.0	48.4	48.7	48.0	47.7	47.7	47.0	46.5	45.0	42.77
40.30	41.51	42.56	43.61	44.10	44.47	44.16	43.58	42.54	41.92	41.20	40.53	40.78
44.6	46.5	48.5	48.0	47.3	47.3	46.5	46.0	44.9	44.5	43.8	43.0	44.48
42.0	44.0	44.0	44.2	45.6	45.5	45.2	45.2	43.8	42.0	41.6	39.8	42.21
39.4	38.8	40.4	39.8	39.8	40.2	38.3	38.4	38.0	37.8	37.0	36.6	38.84
40.0	39.9	41.0	41.2	42.8	42.2	41.8	41.5	40.3	39.9	39.0	39.1	38.97
39.2	40.8	42.8	44.8	46.5	47.0	46.0	45.3	44.8	44.3	43.0	43.3	41.39
40.3	43.2	44.8	47.2	47.2	47.8	47.8	46.9	45.3	43.5	42.1	43.3	41.90
44.0	46.2	48.0	48.7	49.8	50.4	49.8	49.2	47.8	47.0	46.8	46.2	45.24
43.4	44.6	44.5	51.0	52.8	51.0	51.3	50.6	50.2	50.0	49.2	49.0	46.50
44.6	44.9	45.8	47.2	47.8	46.0	47.8	48.2	44.0	43.2	42.4	42.3	45.08
44.3	47.0	49.8	50.0	50.8	50.2	50.0	49.8	48.8	48.0	47.8	47.0	45.04
41.8	44.2	46.7	48.2	49.0	48.3	47.9	46.3	45.8	45.5	44.1	44.2	43.37
44.2	46.0	47.6	47.7	48.2	48.8	49.0	48.8	46.2	45.4	44.4	45.2	44.32
43.2	44.2	45.0	46.2	45.2	45.2	44.2	45.2	41.8	40.5	40.4	39.7	41.97
41.0	40.8	40.7	40.8	40.2	40.3	39.9	39.6	39.6	39.1	39.0	39.2	40.12
38.6	39.1	40.8	40.6	41.8	43.8	44.2	42.8	42.4	41.2	40.0	38.6	40.40
43.6	45.2	45.4	46.8	47.0	47.0	47.0	46.0	46.7	45.8	43.3	42.6	41.81
43.2	45.5	46.8	47.8	47.2	48.2	47.8	47.6	46.8	45.4	44.9	43.6	42.38
44.8	45.8	48.2	48.8	48.3	50.0	49.0	48.0	46.6	45.0	44.3	44.3	44.77
43.8	45.2	47.6	49.2	50.2	50.5	50.2	49.5	47.8	47.0	45.7	44.2	44.27
41.8	43.0	41.1	43.1	42.1	42.2	42.0	40.8	39.2	38.2	37.8	37.0	41.70
42.0	42.8	42.6	43.2	42.5	43.2	43.2	42.0	41.5	41.2	40.3	40.0	40.20
41.6	41.8	42.7	43.0	44.0	43.5	43.1	42.2	40.6	39.2	39.8	39.2	39.85
45.3	46.7	47.2	48.7	49.5	49.7	49.8	48.4	47.6	47.2	46.9	46.3	44.43
46.0	46.7	47.0	47.0	47.3	46.9	46.0	45.8	45.5	45.2	45.2	45.2	45.88
45.3	46.7	48.2	48.8	50.0	49.5	48.8	48.5	47.7	46.2	46.2	45.8	45.12
42.9	45.0	46.8	48.2	50.8	49.8	49.3	49.6	48.0	47.0	46.3	46.6	44.33
47.3	49.0	51.0	50.3	49.6	49.5	48.4	48.1	46.3	45.2	44.0	43.8	46.99
42.90	44.21	45.37	46.32	46.79	46.82	46.45	45.94	44.74	43.87	43.16	42.78	43.02

WET THERMOMETER.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
SEPTEMBER.	1	43°2	43°2	43°7	43°5	43°8	42°5	41°5	42°2	42°8	44°2	43°2	43°4
	2	42°5	41°8	40°5	—	—	—	—	—	—	—	—	—
	3	—	—	—	39°4	39°2	39°0	39°3	40°0	40°3	40°2	40°0	40°5
	4	39°0	38°9	38°5	38°5	38°2	39°0	39°0	38°7	—	38°2	39°3	40°6
	5	42°2	41°8	41°0	40°5	40°0	39°0	39°0	38°8	39°0	39°0	39°1	39°7
	6	39°2	38°8	38°2	38°2	—	—	38°4	38°9	38°8	38°7	39°0	40°5
	7	40°1	39°0	38°6	38°6	38°8	38°5	38°0	37°8	37°9	39°0	40°8	43°0
	8	43°2	41°3	40°8	40°2	—	40°8	39°9	40°3	40°1	39°7	41°1	44°0
	9	—	45°5	44°6	—	—	—	—	—	—	—	—	—
	10	—	—	—	40°8	41°0	41°0	41°0	41°0	40°4	39°5	41°2	43°8
	11	47°4	47°0	45°8	44°8	44°0	43°8	43°7	43°8	44°0	44°0	46°0	46°5
	12	51°0	50°6	49°5	49°0	49°4	49°3	49°2	48°7	48°6	48°6	48°8	50°0
	13	46°2	46°0	46°1	46°6	—	44°8	43°6	43°0	42°8	47°2	49°0	52°0
	14	51°4	50°5	49°0	47°5	45°2	45°0	44°3	44°0	44°0	44°0	44°4	45°0
	15	37°6	37°6	37°0	36°6	36°5	35°8	36°2	35°7	—	36°5	37°0	40°0
	16	41°8	41°8	40°8	—	—	—	—	—	—	—	—	—
	17	—	—	—	39°0	39°0	39°0	38°8	39°0	38°2	38°2	39°3	39°5
	18	44°0	43°0	41°8	41°2	40°6	40°6	40°3	40°3	39°5	39°5	39°5	40°8
	19	42°4	41°9	41°0	40°0	39°8	40°0	40°0	40°2	—	41°5	42°7	43°5
	20	45°4	45°0	44°8	45°2	43°7	43°0	43°0	42°8	42°9	43°0	44°0	46°7
	21	49°8	49°3	49°0	49°0	48°9	48°2	48°0	47°8	48°0	48°7	48°8	50°0
	22	50°0	49°8	50°1	50°1	—	50°0	50°0	49°8	—	50°0	51°0	52°8
	23	49°4	49°0	48°5	—	—	—	—	—	—	—	—	—
	24	—	—	—	44°2	43°7	43°6	43°6	43°1	42°6	42°2	45°0	46°6
	25	46°6	46°8	47°0	46°9	46°6	45°8	45°0	45°6	45°8	46°0	45°8	46°2
	26	44°0	44°0	43°4	43°6	43°6	43°5	43°3	43°0	42°8	42°3	41°8	42°2
	27	41°0	41°0	41°0	40°7	40°8	40°8	40°8	41°0	41°0	41°4	42°6	44°2
	28	40°7	40°2	39°8	39°9	39°8	40°0	40°0	40°0	40°0	40°2	41°3	43°5
	29	49°2	49°2	47°8	46°8	45°2	45°8	45°8	46°2	47°0	46°8	48°2	49°0
	30	54°0	53°2	53°2	—	—	—	—	—	—	—	—	—
Hourly Means	44°85	44°47	43°90	42°83	42°28	42°45	42°07	42°07	42°21	42°34	43°16	44°56	

WET THERMOMETER.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
47°0	48°9	48°2	48°1	48°0	47°0	48°2	47°2	45°3	44°7	44°0	42°8	44°86
41°3	42°6	43°8	44°7	46°1	45°0	44°6	42°6	41°3	40°2	39°6	39°2	41°40
44°3	46°2	46°2	46°9	46°0	45°2	44°8	44°5	44°0	43°0	43°0	42°8	41°95
40°2	42°8	45°0	43°8	41°7	41°8	41°8	41°7	41°3	40°8	40°0	39°2	40°80
41°4	42°7	43°8	44°0	43°1	43°3	43°1	43°0	41°4	41°0	41°0	40°3	40°76
45°1	46°7	46°5	47°6	47°8	48°2	48°2	47°0	45°8	45°0	44°2	43°7	42°75
46°1	48°6	50°6	48°8	48°7	49°7	48°0	47°8	47°3	47°0	46°4	46°3	44°64
46°2	48°3	49°8	50°0	51°2	50°6	50°8	48°8	48°4	48°0	47°8	47°6	45°53
49°2	51°6	53°4	55°0	56°5	56°2	55°2	54°8	53°7	52°0	51°7	51°8	49°25
51°6	52°5	52°8	53°0	53°0	53°1	52°5	51°7	50°4	48°8	47°8	47°2	50°30
54°0	55°2	56°0	56°9	56°6	56°2	55°8	55°0	54°2	53°3	52°6	51°8	50°65
44°6	41°0	41°4	42°4	41°4	40°3	40°8	39°3	39°2	38°5	37°0	37°6	43°24
39°0	40°6	41°8	41°8	43°6	41°0	44°0	42°9	41°8	42°0	41°7	41°9	39°50
41°2	41°7	42°5	44°0	45°8	46°6	45°8	44°8	44°1	44°0	44°0	44°0	41°79
43°5	45°0	46°2	47°4	46°6	48°7	48°7	48°0	47°3	45°6	44°6	43°1	43°57
46°2	47°6	48°2	50°0	50°6	50°8	51°0	49°8	48°2	46°8	46°3	45°7	44°97
49°2	50°1	52°2	52°2	52°7	52°2	51°8	51°4	50°8	50°0	49°8	49°2	47°55
50°3	51°3	51°8	52°4	52°7	52°2	51°2	50°8	50°6	50°7	50°3	50°1	50°00
53°9	53°4	54°4	54°0	56°0	55°8	53°5	54°2	52°4	51°6	50°8	50°2	51°99
46°0	48°0	48°2	49°2	50°5	51°1	51°5	51°3	50°6	50°8	49°5	47°2	47°31
46°0	46°6	47°3	46°3	46°6	46°4	46°2	45°8	44°8	45°0	44°6	44°6	46°01
43°6	44°2	45°0	45°5	47°8	45°0	44°5	43°0	43°6	41°5	41°8	41°7	43°53
45°0	45°0	45°2	47°3	47°1	46°8	46°2	46°9	45°9	44°2	42°3	41°5	43°32
46°3	48°5	51°0	53°2	52°8	53°8	55°0	54°0	52°8	51°0	50°4	49°6	45°99
52°0	55°0	56°2	59°0	60°7	60°7	59°0	57°0	55°5	54°2	53°6	53°4	51°80
—	—	—	—	—	—	—	—	—	—	—	—	53°47
46°13	47°36	48°30	48°94	49°34	49°11	48°89	48°13	47°23	46°39	45°79	45°30	45°65

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.												
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20
Humidity of the Air. JANUARY.	1	51	58	57	—	—	—	—	—	—	—	—
	2	—	—	—	88	83	77	78	77	89	89	79
	3	73	77	85	83	—	83	81	81	80	72	64
	4	59	63	63	62	66	71	70	70	69	68	62
	5	85	86	88	87	84	84	85	86	—	85	72
	6	68	82	81	79	69	73	72	74	79	63	58
	7	66	67	68	71	70	70	71	71	75	70	63
	8	89	89	89	—	93	94	97	74	68	70	71
	9	—	—	—	—	94	97	74	68	70	72	71
	10	64	59	65	67	69	70	77	79	79	71	68
	11	71	75	76	82	85	86	84	86	88	82	72
	12	77	82	84	84	84	81	81	79	81	78	63
	13	74	77	85	85	88	93	93	93	—	93	91
	14	89	95	94	97	97	97	97	96	73	67	46
	15	58	61	59	—	—	—	—	—	—	—	—
	16	—	—	—	—	85	88	92	90	89	91	83
	17	78	82	84	84	—	77	68	75	74	78	75
	18	78	69	69	68	67	70	72	66	66	59	59
	19	67	69	71	72	75	80	83	84	86	86	73
	20	75	78	80	80	83	82	83	86	88	87	87
	21	69	65	64	63	65	65	66	71	—	71	77
	22	67	68	70	—	—	—	—	—	—	—	—
	23	—	—	—	82	82	82	84	82	83	83	79
	24	78	80	84	87	—	86	89	94	97	91	82
	25	73	70	65	65	57	69	69	70	73	69	61
	26	89	90	95	93	—	96	97	92	89	86	75
	27	89	88	89	89	—	73	75	72	80	92	81
	28	75	74	79	82	81	76	70	71	74	78	84
	29	81	80	84	—	—	—	—	—	—	—	—
	30	—	—	—	71	67	71	73	78	81	81	80
	31	67	73	73	73	—	74	80	81	83	85	72
Hourly Means	73	75	77	79	78	79	79	79	80	79	72	
Tension of the Vapour. JANUARY.	1	In. .254	In. .266	In. .254	In. —	In. —	In. —	In. —	In. —	In. —	In. —	In. —
	2	—	—	—	.432	.418	.403	.414	.426	.482	.497	.510
	3	.248	.241	.251	.246	—	.239	.232	.230	.234	.239	.244
	4	.231	.244	.241	.231	.243	.251	.249	.254	.273	.290	.289
	5	.382	.387	.390	.394	.382	.382	.385	.384	—	.376	.357
	6	.303	.331	.322	.304	.243	.247	.232	.235	.252	.232	.240
	7	.312	.314	.317	.324	.323	.314	.313	.308	.324	.323	.334
	8	.412	.402	.392	—	—	—	—	—	—	—	—
	9	—	—	—	.397	.403	.415	.316	.283	.303	.311	.316
	10	.253	.226	.239	.239	.234	.227	.238	.245	.248	.251	.268
	11	.321	.323	.323	.331	.330	.332	.318	.320	.320	.331	.343
	12	.436	.449	.444	.429	.425	.407	.394	.392	.400	.408	.385
	13	.486	.476	.511	.507	.522	.533	.533	.512	—	.538	.562
	14	.508	.517	.510	.495	.495	.495	.495	.492	.369	.354	.246
	15	.234	.247	.228	—	—	—	—	—	—	—	—
	16	—	—	—	—	.312	.307	.311	.306	.312	.331	.344
	17	.420	.407	.405	.395	—	.367	.332	.338	.345	.366	.389
	18	.323	.281	.270	.248	.243	.254	.268	.243	.246	.225	.231
	19	.273	.262	.267	.267	.270	.275	.274	.274	.288	.301	.301
	20	.404	.408	.413	.413	.413	.403	.390	.392	.393	.410	.417
	21	.399	.357	.338	.318	.326	.323	.326	.339	—	.358	.381
	22	.294	.287	.286	—	—	—	—	—	—	—	—
	23	—	—	—	.360	.360	.360	.365	.360	.367	.377	.385
	24	.408	.398	.405	.407	—	.378	.372	.383	.405	.412	.431
	25	.383	.369	.342	.342	.298	.360	.360	.365	.370	.390	.393
	26	.489	.475	.478	.449	—	.425	.421	.398	.405	.411	.416
	27	.328	.322	.328	.325	—	.262	.254	.237	.260	.306	.310
	28	.309	.303	.316	.325	.316	.288	.260	.257	.268	.277	.296
	29	.283	.275	.282	—	—	—	—	—	—	—	—
	30	—	—	—	.257	.237	.245	.248	.267	.286	.298	.311
	31	.258	.263	.260	.260	—	.267	.278	.277	.283	.290	.267
Hourly Means	.344	.340	.339	.348	.340	.337	.330	.328	.323	.342	.345	

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.												Daily and Monthly Means.
12	13	14	15	16	17	18	19	20	21	22	23	
21	22	23	0	1	2	3	4	5	6	7	8	
—	—	—	—	—	—	—	—	—	—	—	—	63
66	41	37	37	33	30	54	46	67	63	70	71	61
52	55	55	52	57	43	36	38	34	40	52	56	62
54	51	48	46	41	49	53	60	69	66	81	84	69
57	48	57	54	57	61	66	57	62	45	50	65	55
41	37	35	41	31	34	32	36	36	39	53	58	65
51	46	47	43	50	64	63	62	69	77	82	86	63
—	—	—	—	—	—	—	—	—	—	—	—	59
52	55	49	46	50	43	40	35	34	34	51	55	64
49	41	42	42	40	46	49	51	51	56	63	66	66
51	45	41	36	33	38	37	52	59	64	71	74	77
56	48	47	52	49	51	46	51	51	63	71	69	67
68	56	55	50	51	57	58	71	77	89	89	94	70
47	51	52	57	49	44	49	48	49	56	55	58	63
—	—	—	—	—	—	—	—	—	—	—	—	60
65	62	57	57	58	60	58	58	59	67	71	72	66
68	67	66	62	64	66	70	80	82	81	86	82	75
55	52	51	50	48	47	50	51	52	51	62	66	60
58	51	49	41	43	40	41	46	46	53	64	71	63
—	100	91	78	73	63	63	80	87	90	90	87	82
81	62	61	56	57	58	47	44	49	51	53	66	62
—	—	—	—	—	—	—	—	—	—	—	—	70
65	66	61	50	55	57	64	58	57	65	73	76	72
61	59	48	47	54	56	49	48	71	74	78	84	61
50	46	40	32	32	51	63	59	60	66	90	89	86
81	81	76	86	96	96	94	90	75	69	81	88	74
56	57	54	69	71	63	74	70	60	71	74	75	76
76	66	69	69	87	68	81	82	81	72	74	69	68
—	—	—	—	—	—	—	—	—	—	—	—	68
75	68	77	56	50	52	49	61	47	50	55	64	68
55	59	62	56	56	55	58	60	62	69	69	69	68
60	57	55	52	53	54	56	57	59	62	69	73	67
In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
—	—	—	—	—	—	—	—	—	—	—	—	·349
·510	·399	·279	·253	·219	·210	·304	·240	·316	·273	·258	·252	·235
·241	·251	·249	·247	·277	·224	·189	·195	·193	·237	·245	·234	·308
·315	·329	·332	·345	·341	·367	·358	·379	·394	·359	·381	·335	·357
·344	·333	·372	·345	·372	·366	·394	·351	·352	·260	·260	·301	·259
·207	·213	·223	·244	·225	·263	·252	·268	·264	·282	·286	·295	·348
·326	·323	·335	·349	·379	·401	·395	·392	·402	·406	·407	·405	·300
—	—	—	—	—	—	—	—	—	—	—	—	·260
·281	·288	·279	·250	·269	·246	·239	·215	·216	·207	·233	·227	·353
·247	·232	·233	·245	·243	·274	·286	·294	·297	·309	·324	·324	·430
·322	·318	·321	·319	·311	·385	·380	·427	·442	·445	·443	·437	·523
·428	·411	·409	·475	·452	·476	·430	·428	·422	·466	·476	·461	·357
·540	·504	·486	·482	·486	·506	·545	·560	·560	·575	·547	·548	·260
·266	·273	·288	·315	·303	·274	·299	·287	·265	·279	·259	·250	·312
—	—	—	—	—	—	—	—	—	—	—	—	·473
·348	·354	·354	·368	·403	·410	·407	·409	·408	·432	·421	·411	·350
·414	·424	·443	·420	·441	·402	·407	·374	·354	·342	·352	·336	·376
·248	·245	·253	·253	·251	·257	·270	·273	·272	·261	·287	·291	·413
·311	·304	·320	·297	·318	·337	·350	·383	·361	·376	·393	·398	·392
—	·512	·549	·539	·560	·536	·492	·563	·574	·575	·566	·521	·395
·441	·393	·378	·359	·360	·382	·339	·323	·329	·308	·279	·309	·299
—	—	—	—	—	—	—	—	—	—	—	—	·300
·406	·394	·394	·378	·392	·397	·420	·417	·409	·411	·412	·404	·277
·410	·429	·406	·423	·440	·437	·399	·397	·438	·430	·432	·448	·269
·379	·377	·363	·323	·343	·431	·469	·446	·437	·459	·515	·504	·343
·463	·432	·377	·378	·376	·370	·365	·348	·297	·267	·293	·322	·392
·259	·279	·284	·325	·324	·301	·339	·305	·284	·324	·309	·309	·395
·324	·322	·308	·314	·332	·317	·317	·326	·323	·268	·274	·249	·299
—	—	—	—	—	—	—	—	—	—	—	—	·300
·333	·315	·355	·278	·270	·272	·264	·285	·241	·240	·232	·253	·277
·259	·264	·266	·259	·265	·266	·271	·263	·275	·284	·273	·267	·269
·345	·343	·341	·338	·344	·350	·353	·352	·351	·349	·352	·352	·343

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
Humidity of the Air. FEBRUARY.	1	75	75	76	75	77	77	80	80	80	75	70	65
	2	78	83	86	86	87	85	88	93	91	83	78	71
	3	56	64	65	68	67	69	70	75	72	70	68	63
	4	60	60	63	72	—	79	80	81	—	82	59	61
	5	67	66	68	—	—	—	—	—	—	—	—	—
	6	—	—	—	—	82	81	81	84	88	86	79	63
	7	82	86	86	85	86	86	86	87	87	86	85	77
	8	85	85	87	87	87	88	87	83	88	89	87	82
	9	87	87	89	93	92	94	93	87	87	86	81	73
	10	86	88	91	92	93	94	96	100	97	96	88	79
	11	86	87	89	92	63	56	53	52	—	52	48	43
	12	81	71	78	—	—	—	—	—	—	—	—	—
	13	—	—	—	92	96	100	99	99	100	100	100	100
	14	92	89	88	89	—	95	94	96	92	88	83	67
	15	77	82	80	71	78	73	77	82	83	78	71	72
	16	70	72	69	69	72	76	70	72	75	77	77	69
	17	82	88	86	86	92	94	94	94	100	98	97	83
	18	78	84	86	89	89	90	93	94	—	93	89	78
	19	84	84	85	—	—	—	—	—	—	—	—	—
	20	—	—	—	82	83	83	83	83	86	88	93	88
	21	97	97	93	86	87	96	97	93	85	87	87	73
	22	87	94	100	97	—	94	94	93	88	87	86	90
	23	85	85	93	100	—	100	100	100	99	99	91	88
	24	85	92	89	92	94	89	88	94	94	98	88	80
	25	96	97	98	100	100	100	100	98	94	94	93	84
	26	76	80	79	—	—	—	—	—	—	—	—	—
	27	—	—	—	82	80	82	85	85	87	90	86	66
	28	75	81	80	78	75	76	76	74	81	78	75	70
	29	82	81	84	83	83	83	86	84	87	87	84	82
Hourly Means	80	82	83	82	84	86	86	87	88	86	82	75	
Tension of the Vapour. FEBRUARY.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	
	1	.286	.286	.294	.285	.291	.291	.303	.296	.296	.297	.307	.300
	2	.401	.413	.411	.395	.394	.385	.390	.377	.369	.380	.394	.391
	3	.214	.234	.227	.230	.228	.228	.230	.242	.240	.241	.258	.253
	4	.200	.200	.199	.223	—	.232	.234	.235	—	.241	.213	.244
	5	.262	.254	.262	—	—	—	—	—	—	—	—	—
	6	—	—	—	—	.342	.336	.333	.327	.334	.338	.327	.289
	7	.351	.352	.367	.368	.361	.352	.349	.346	.346	.352	.359	.361
	8	.382	.382	.390	.397	.397	.400	.397	.380	.393	.412	.413	.417
	9	.428	.428	.437	.449	.458	.467	.460	.436	.444	.445	.440	.438
	10	.496	.486	.482	.477	.460	.452	.438	.443	.431	.446	.462	.478
	11	.564	.550	.538	.543	.437	.389	.365	.345	—	.340	.351	.359
	12	.463	.445	.455	—	—	—	—	—	—	—	—	—
	13	—	—	—	.418	.431	.443	.440	.436	.439	.430	.443	.443
	14	.401	.392	.390	.392	—	.410	.406	.412	.401	.390	.378	.358
	15	.295	.296	.272	.247	.273	.246	.253	.255	.255	.269	.265	.273
	16	.232	.235	.223	.225	.232	.242	.232	.237	.252	.258	.272	.264
	17	.339	.351	.349	.338	.339	.322	.311	.306	.319	.321	.338	.344
	18	.390	.392	.384	.392	.389	.378	.374	.374	—	.387	.402	.400
	19	.434	.440	.442	—	—	—	—	—	—	—	—	—
	20	—	—	—	.377	.377	.377	.377	.377	.392	.403	.430	.420
	21	.382	.382	.368	.358	.361	.392	.367	.359	.329	.335	.346	.318
	22	.358	.368	.381	.376	—	.371	.371	.359	.348	.349	.355	.378
	23	.385	.382	.407	.423	—	.426	.423	.426	.406	.412	.436	.423
	24	.385	.389	.372	.385	.403	.375	.360	.368	.359	.361	.370	.371
	25	.500	.480	.469	.454	.439	.423	.410	.390	.390	.394	.417	.429
	26	.344	.348	.343	—	—	—	—	—	—	—	—	—
	27	—	—	—	.325	.316	.325	.338	.333	.341	.348	.358	.306
	28	.332	.348	.348	.340	.326	.323	.323	.320	.342	.340	.338	.348
29	.430	.415	.421	.417	.413	.406	.415	.412	.420	.428	.429	.442	
Hourly Means	.370	.370	.369	.368	.369	.360	.356	.352	.356	.357	.364	.362	

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
61	55	50	42	45	54	58	60	62	65	75	77	67
56	45	41	47	43	42	47	61	48	50	54	65	67
81	68	56	58	59	53	59	43	57	55	56	60	63
49	49	54	52	52	48	45	37	36	52	58	61	59
—	—	—	—	—	—	—	—	—	—	—	—	70
61	59	60	54	55	58	57	65	66	73	75	81	78
67	63	60	66	66	68	72	69	75	77	83	81	78
76	70	71	70	66	68	68	79	85	85	89	88	81
65	62	55	66	62	62	58	61	65	71	80	84	77
69	64	57	52	52	55	54	54	60	76	81	87	78
37	33	33	29	49	39	52	67	72	77	80	80	59
—	—	—	—	—	—	—	—	—	—	—	—	86
97	88	77	74	70	72	73	72	82	84	84	86	86
63	55	49	67	71	73	75	83	81	97	—	91	81
72	71	67	59	77	60	54	53	51	77	70	72	71
66	64	62	60	58	60	59	63	66	80	81	80	69
71	66	66	61	56	61	64	67	75	69	73	77	79
68	60	51	53	57	61	67	71	74	71	79	82	76
—	—	—	—	—	—	—	—	—	—	—	—	90
100	99	92	95	89	92	94	96	94	86	100	97	84
67	66	70	72	88	92	89	83	76	79	80	86	86
81	82	67	60	64	67	66	67	67	76	75	82	81
87	83	90	82	87	82	77	73	75	83	81	79	88
73	70	67	57	54	67	70	80	86	89	91	92	82
75	71	74	81	81	78	73	72	81	87	79	78	88
—	—	—	—	—	—	—	—	—	—	—	—	71
60	58	56	53	54	59	59	59	62	67	74	74	73
67	63	60	74	69	63	67	69	75	75	77	78	73
70	63	64	61	53	51	48	51	55	63	75	81	73
69	65	62	62	63	63	64	66	69	75	77	80	75
In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
.328	.330	.341	.327	.356	.385	.396	.391	.403	.404	.413	.414	.334
.350	.329	.335	.336	.307	.330	.322	.340	.302	.260	.252	.272	.351
.308	.288	.235	.265	.274	.238	.245	.204	.238	.228	.205	.205	.240
.218	.225	.271	.263	.279	.256	.249	.241	.231	.267	.259	.261	.238
—	—	—	—	—	—	—	—	—	—	—	—	316
.305	.320	.317	.301	.304	.311	.309	.338	.332	.350	.335	.348	366
.367	.381	.375	.393	.393	.374	.396	.372	.369	.364	.374	.368	416
.430	.404	.433	.436	.445	.447	.429	.446	.454	.442	.433	.431	469
.446	.463	.457	.511	.516	.506	.484	.497	.508	.506	.519	.508	494
.487	.489	.482	.476	.597	.529	.530	.528	.541	.590	.584	.585	436
.338	.351	.392	.397	.455	.366	.436	.501	.514	.520	.504	.472	431
—	—	—	—	—	—	—	—	—	—	—	—	374
.468	.466	.457	.445	.432	.422	.412	.393	.394	.392	.382	.387	258
.345	.340	.334	.355	.352	.331	.363	.372	.369	.385	—	.360	277
.267	.273	.274	.235	.289	.254	.238	.219	.211	.263	.239	.237	357
.268	.274	.278	.302	.303	.323	.320	.330	.324	.342	.342	.333	406
.351	.364	.358	.356	.354	.380	.411	.406	.428	.401	.395	.397	405
.394	.390	.378	.398	.420	.426	.447	.455	.460	.429	.441	.438	359
—	—	—	—	—	—	—	—	—	—	—	—	360
.446	.443	.424	.433	.422	.415	.406	.388	.383	.361	.387	.379	425
.317	.318	.342	.350	.400	.408	.392	.387	.351	.352	.345	.364	417
.357	.374	.323	.329	.346	.351	.348	.361	.361	.384	.359	.374	430
.444	.437	.483	.457	.464	.446	.436	.414	.419	.434	.400	.382	328
.393	.404	.433	.414	.416	.461	.469	.508	.500	.508	.506	.501	376
.428	.452	.465	.455	.455	.451	.422	.409	.423	.428	.379	.356	433
—	—	—	—	—	—	—	—	—	—	—	—	372
.287	.291	.294	.290	.310	.347	.345	.339	.331	.333	.342	.330	376
.364	.372	.381	.429	.432	.422	.436	.456	.443	.419	.417	.420	433
.423	.417	.449	.465	.439	.439	.446	.466	.456	.451	.440	.444	372
.365	.368	.372	.377	.386	.385	.387	.390	.390	.392	.385	.382	372

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
Humidity of the Air. MARCH.	1	84	87	87	88	88	89	88	86	84	84	78	78
	2	100	100	100	94	—	100	100	100	89	89	85	76
	3	65	64	67	68	64	67	69	68	—	74	74	66
	4	86	86	90	—	—	—	—	—	—	—	—	—
	5	—	—	—	95	96	94	97	97	100	100	95	86
	6	83	87	88	88	—	92	86	89	90	90	82	75
	7	94	97	87	76	75	76	73	75	77	79	74	74
	8	83	87	93	94	94	95	97	98	96	100	100	86
	9	92	96	93	91	93	97	97	100	100	100	90	83
	10	78	81	82	79	81	79	82	76	82	84	81	81
	11	96	93	95	—	—	—	—	—	—	—	—	—
	12	—	—	—	96	88	89	91	94	94	98	94	85
	13	77	84	85	84	89	89	95	97	—	100	96	93
	14	96	87	87	89	89	89	90	93	91	87	86	83
	15	82	78	81	81	82	86	91	86	91	89	91	91
	16	87	97	98	97	97	92	81	78	85	86	79	73
	17	72	67	70	70	71	74	76	75	74	77	80	72
	18	72	79	82	—	—	—	—	—	—	—	—	—
	19	—	—	—	60	63	61	69	70	73	75	83	77
	20	87	83	80	81	85	83	82	81	78	76	75	64
	21	72	74	71	77	77	80	76	81	—	84	86	84
	22	68	70	80	81	81	80	74	70	71	73	78	67
	23	68	71	74	71	79	72	63	61	60	61	58	57
	24	60	60	64	66	—	73	74	72	72	71	68	66
	25	60	60	61	—	—	—	—	—	—	—	—	—
	26	—	—	—	73	77	80	80	80	81	78	72	73
	27	60	64	63	62	54	57	51	59	67	69	72	73
	28	71	70	70	70	73	74	73	81	75	74	78	73
	29	85	82	83	82	85	86	86	86	84	81	85	74
	30	54	57	61	61	61	61	61	63	64	64	61	58
	31	61	63	64	64	69	71	68	66	65	64	63	64
Hourly Means	78	79	80	79	79	81	80	81	81	82	80	75	
Tension of the Vapour. MARCH.	1	In. .440	In. .447	In. .424	In. .420	In. .420	In. .422	In. .413	In. .413	In. .412	In. .412	In. .404	In. .404
	2	.516	.516	.516	.468	—	.430	.439	.443	.389	.386	.388	.362
	3	.328	.318	.329	.326	.289	.291	.296	.287	—	.312	.330	.327
	4	.361	.349	.343	—	—	—	—	—	—	—	—	—
	5	—	—	—	.420	.412	.397	.388	.376	.378	.384	.413	.415
	6	.413	.404	.403	.400	—	.395	.378	.375	.375	.372	.374	.372
	7	.463	.453	.390	.341	.323	.338	.333	.344	.350	.363	.353	.372
	8	.347	.341	.348	.354	.348	.341	.338	.332	.316	.330	.358	.364
	9	.408	.402	.413	.405	.380	.382	.379	.378	.381	.375	.386	.393
	10	.427	.427	.418	.392	.384	.379	.384	.371	.380	.389	.411	.429
	11	.562	.555	.568	—	—	—	—	—	—	—	—	—
	12	—	—	—	.545	.498	.485	.474	.475	.467	.470	.495	.477
	13	.475	.460	.428	.420	.422	.405	.416	.415	—	.413	.415	.437
	14	.469	.413	.413	.415	.402	.395	.392	.383	.372	.352	.338	.324
	15	.310	.291	.302	.305	.307	.318	.320	.307	.323	.317	.337	.354
	16	.338	.359	.372	.361	.347	.322	.280	.269	.295	.301	.283	.278
	17	.368	.339	.343	.343	.349	.360	.375	.373	.370	.388	.406	.393
	18	.441	.459	.462	—	—	—	—	—	—	—	—	—
	19	—	—	—	.330	.325	.300	.323	.329	.334	.339	.387	.384
	20	.413	.377	.348	.351	.376	.353	.331	.330	.320	.308	.297	.290
	21	.270	.273	.259	.263	.258	.267	.264	.286	—	.299	.309	.315
	22	.269	.266	.288	.288	.290	.285	.270	.254	.259	.265	.291	.276
	23	.321	.331	.343	.338	.390	.357	.308	.294	.280	.270	.265	.286
	24	.253	.253	.266	.271	—	.313	.336	.339	.353	.357	.370	.377
	25	.348	.342	.341	—	—	—	—	—	—	—	—	—
	26	—	—	—	.257	.261	.262	.264	.269	.283	.285	.282	.302
	27	.251	.262	.253	.243	.211	.216	.195	.219	.246	.252	.269	.279
	28	.309	.299	.298	.298	.301	.297	.292	.310	.303	.306	.323	.324
	29	.365	.351	.335	.325	.326	.326	.323	.320	.315	.322	.341	.316
	30	.290	.297	.311	.296	.287	.279	.270	.272	.275	.278	.258	.244
	31	.247	.244	.244	.252	.265	.277	.277	.280	.290	.290	.308	.334
Hourly Means	.370	.364	.361	.349	.340	.340	.336	.335	.336	.338	.348	.349	

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.

12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
73	73	70	73	66	71	73	84	94	95	97	99	83
57	60	56	52	52	49	48	42	49	55	66	60	73
67	61	60	64	58	52	78	61	76	77	84	84	68
—	—	—	—	—	—	—	—	—	—	—	—	83
76	71	81	71	71	68	65	63	64	72	77	81	74
67	60	56	55	49	52	59	47	62	77	85	95	75
81	55	68	67	65	68	69	65	76	81	77	78	85
76	72	70	69	71	75	75	75	78	83	87	89	76
68	62	55	51	48	44	41	53	55	63	73	77	84
81	82	86	86	86	85	84	85	87	93	95	94	83
—	—	—	—	—	—	—	—	—	—	—	—	87
86	78	79	71	68	62	65	68	72	73	76	72	80
93	85	89	80	77	72	71	79	88	89	88	91	80
72	73	69	73	65	68	66	67	68	74	73	75	80
82	68	67	65	65	71	75	74	75	81	85	87	77
74	64	64	58	59	59	57	62	69	72	72	78	68
72	69	66	60	58	56	55	60	63	62	66	70	80
—	—	—	—	—	—	—	—	—	—	—	—	71
80	70	77	75	87	91	94	98	98	98	99	88	68
64	57	59	57	58	59	58	67	66	81	68	68	68
66	64	64	62	52	46	47	55	68	58	62	64	69
67	65	57	62	60	57	66	68	64	70	69	68	58
50	52	50	46	49	47	44	44	48	48	54	55	61
65	61	59	55	50	49	49	49	52	54	61	61	66
—	—	—	—	—	—	—	—	—	—	—	—	58
72	65	56	60	51	61	56	59	65	53	54	63	69
63	52	53	46	39	42	41	56	58	65	66	66	66
71	62	60	60	57	65	58	54	56	63	81	80	66
65	55	48	42	41	40	44	49	54	51	52	54	54
53	49	47	49	43	39	39	42	49	54	54	56	60
63	54	50	53	44	45	53	54	59	63	61	59	72
70	64	63	62	59	59	60	62	67	71	73	75	72
In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	1
·393	·415	·417	·427	·409	·444	·466	·513	·523	·517	·514	·516	·441
·323	·350	·337	·349	·337	·329	·350	·307	·318	·329	·331	·323	·384
·351	·356	·353	·391	·341	·323	·424	·353	·392	·377	·379	·362	·341
—	—	—	—	—	—	—	—	—	—	—	—	·417
·430	·425	·486	·458	·455	·473	·451	·450	·449	·448	·424	·429	·403
·395	·394	·408	·413	·370	·393	·435	·409	·418	·437	·457	·478	·369
·400	·323	·390	·374	·382	·374	·372	·355	·381	·387	·361	·340	·372
·377	·376	·372	·386	·406	·424	·420	·412	·412	·413	·417	·405	·402
·381	·383	·379	·385	·392	·390	·387	·470	·457	·443	·469	·441	·461
·463	·473	·505	·509	·530	·532	·534	·541	·537	·555	·555	·552	·502
—	—	—	—	—	—	—	—	—	—	—	—	·449
·485	·499	·526	·527	·521	·465	·500	·519	·516	·482	·484	·465	·340
·460	·487	·522	·525	·437	·454	·435	·455	·479	·466	·451	·452	·325
·304	·304	·290	·304	·280	·287	·282	·291	·281	·294	·286	·284	·348
·354	·323	·344	·329	·318	·327	·344	·333	·226	·330	·338	·343	·397
·303	·319	·358	·361	·401	·405	·401	·411	·402	·397	·388	·413	·406
·405	·402	·406	·428	·424	·469	·437	·437	·435	·415	·425	·436	·321
—	—	—	—	—	—	—	—	—	—	—	—	·297
·402	·380	·422	·417	·460	·478	·472	·470	·474	·470	·472	·416	·291
·293	·280	·295	·306	·304	·324	·304	·341	·303	·339	·271	·260	·292
·310	·310	·331	·349	·342	·312	·310	·322	·372	·269	·270	·273	·346
·291	·295	·271	·295	·293	·310	·335	·332	·306	·328	·313	·314	·300
·265	·300	·281	·259	·287	·295	·271	·274	·270	·242	·249	·243	·257
·379	·369	·393	·398	·383	·390	·390	·390	·342	·324	·355	·353	·327
—	—	—	—	—	—	—	—	—	—	—	—	·327
·316	·319	·322	·338	·327	·345	·338	·316	·317	·247	·241	·267	·321
·292	·274	·276	·246	·223	·249	·234	·287	·289	·307	·304	·300	·327
·341	·332	·334	·376	·351	·367	·357	·336	·331	·341	·381	·354	·338
·316	·315	·326	·347	·363	·369	·389	·391	·386	·335	·312	·309	·268
·265	·257	·261	·290	·265	·239	·245	·246	·266	·261	·238	·233	·304
·347	·333	·321	·353	·311	·321	·342	·336	·349	·345	·320	·307	·359
·357	·355	·368	·375	·367	·374	·379	·381	·383	·374	·371	·365	—

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
Humidity of the Air. MAY.	1	78	77	74	81	—	93	88	88	98	98	100	
	2	84	86	80	79	—	83	85	83	85	90	93	
	3	84	84	86	84	90	94	96	100	91	81	75	71
	4	81	85	95	94	—	91	93	91	91	91	94	94
	5	89	91	100	100	100	100	100	100	100	100	100	100
	6	100	100	100	—	—	—	—	—	—	—	—	—
	7	—	—	—	85	85	85	85	84	84	85	90	94
	8	80	82	82	79	80	80	78	78	77	78	76	73
	9	78	85	85	82	90	98	98	98	100	100	100	100
	10	95	96	98	98	96	96	100	100	—	100	100	100
	11	89	92	93	94	93	96	96	96	96	96	98	100
	12	72	79	80	88	85	88	85	93	91	93	94	94
	13	96	94	97	—	—	—	—	—	—	—	—	—
	14	—	—	—	100	100	100	100	87	85	79	83	87
	15	75	76	69	68	76	65	66	69	71	71	74	80
	16	88	85	88	92	93	93	93	93	88	88	86	94
	17	86	81	80	79	75	77	79	79	78	80	81	79
	18	76	82	87	91	91	88	84	80	78	78	80	81
	19	78	80	80	84	83	85	90	93	94	97	97	100
	20	100	96	96	—	—	—	—	—	—	—	—	—
	21	—	—	—	95	96	93	94	98	98	97	100	93
	22	69	66	70	72	73	72	71	85	88	93	94	94
	23	72	69	71	77	—	80	85	91	90	93	94	98
	24	84	85	81	84	81	78	81	81	81	85	86	86
	25	88	84	78	84	85	89	91	93	93	93	96	94
	26	97	100	100	98	98	98	100	100	98	100	100	99
	27	100	98	96	—	—	—	—	—	—	—	—	—
	28	—	—	—	72	72	72	71	68	69	70	72	70
	29	76	81	81	83	84	94	96	98	100	100	100	93
	30	83	86	83	91	82	93	80	86	88	90	88	80
	31	88	84	91	97	—	86	83	85	82	82	82	82
	Hourly Means	85	85	86	86	87	88	88	89	88	89	90	90
Tension of the Vapour. MAY.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	
	1	.309	.321	.350	.420	—	.464	.407	.387	.375	.375	.352	.364
	2	.310	.296	.258	.250	—	.255	.258	.252	.253	.257	.264	.275
	3	.307	.307	.304	.293	.301	.304	.306	.332	.337	.330	.329	.354
	4	.288	.295	.338	.309	—	.292	.290	.284	.278	.272	.277	.283
	5	.320	.320	.338	.341	.338	.332	.335	.341	.343	.343	.343	.349
	6	.361	.355	.355	—	—	—	—	—	—	—	—	—
	7	—	—	—	.301	.295	.295	.290	.285	.285	.288	.309	.325
	8	.250	.255	.255	.252	.262	.262	.259	.259	.256	.259	.259	.256
	9	.259	.274	.279	.272	.293	.302	.294	.294	.295	.285	.285	.291
	10	.308	.300	.299	.297	.280	.278	.281	.278	—	.256	.256	.265
	11	.298	.306	.298	.300	.292	.295	.295	.290	.278	.286	.288	.302
	12	.237	.250	.243	.267	.244	.236	.219	.236	.227	.226	.230	.246
	13	.286	.257	.249	—	—	—	—	—	—	—	—	—
	14	—	—	—	.274	.278	.288	.291	.274	.263	.246	.256	.263
	15	.222	.225	.208	.204	.230	.204	.201	.210	.211	.209	.208	.234
	16	.303	.304	.293	.306	.298	.298	.293	.293	.288	.296	.327	.331
	17	.293	.271	.264	.252	.237	.240	.239	.232	.230	.227	.230	.234
	18	.245	.250	.277	.278	.282	.279	.274	.264	.261	.259	.262	.274
	19	.266	.269	.264	.265	.259	.255	.252	.250	.248	.251	.251	.263
	20	.274	.276	.276	—	—	—	—	—	—	—	—	—
	21	—	—	—	.289	.286	.285	.292	.285	.275	.269	.285	.278
	22	.317	.307	.317	.313	.316	.316	.316	.345	.348	.356	.356	.368
	23	.268	.244	.245	.254	—	.254	.260	.263	.261	.273	.266	.294
	24	.307	.304	.290	.296	.294	.288	.297	.294	.293	.295	.296	.293
	25	.236	.240	.223	.231	.227	.229	.220	.216	.216	.216	.223	.226
	26	.243	.244	.244	.237	.233	.229	.228	.222	.204	.214	.228	.230
	27	.305	.297	.292	—	—	—	—	—	—	—	—	—
	28	—	—	—	.291	.291	.285	.277	.269	.263	.266	.269	.258
	29	.267	.283	.283	.286	.282	.306	.306	.302	.305	.297	.300	.285
	30	.255	.255	.246	.254	.241	.264	.238	.255	.251	.254	.251	.232
	31	.238	.233	.252	.269	—	.253	.248	.251	.241	.241	.248	.250
Hourly Means	.280	.279	.279	.281	.275	.281	.276	.276	.272	.272	.276	.282	

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
98	92	79	72	66	60	67	71	68	85	87	94	83
90	85	81	75	69	70	72	72	77	77	80	81	81
67	63	53	56	54	53	57	55	56	62	75	71	73
92	89	88	83	78	80	80	81	82	81	78	86	87
100	100	100	100	100	100	100	100	100	100	100	100	99
—	—	—	—	—	—	—	—	—	—	—	—	83
81	75	85	79	87	74	68	71	70	73	80	80	75
74	73	72	63	74	75	67	68	71	67	70	73	91
100	96	92	91	89	81	80	78	85	86	89	92	92
100	92	89	81	80	82	81	84	88	92	90	84	88
100	97	85	86	74	74	71	70	73	80	78	75	84
86	84	77	74	73	75	78	81	88	89	88	93	84
—	—	—	—	—	—	—	—	—	—	—	—	84
82	79	82	71	68	63	68	74	83	81	81	78	72
78	77	66	68	65	64	68	73	77	76	78	80	88
94	89	86	82	86	83	82	81	88	86	86	90	75
79	72	67	65	62	63	64	68	70	71	80	80	76
80	83	74	59	56	54	58	60	63	74	—	81	86
94	85	74	73	73	75	77	80	84	96	94	98	85
—	—	—	—	—	—	—	—	—	—	—	—	76
93	84	82	82	75	66	62	62	70	67	69	71	81
94	93	87	77	65	63	66	68	67	67	70	72	81
95	85	74	76	65	65	67	74	81	82	85	85	75
77	66	66	58	55	58	57	66	69	70	82	83	85
90	80	76	72	71	68	69	76	80	90	97	93	99
98	98	97	100	98	100	100	100	100	97	100	100	68
—	—	—	—	—	—	—	—	—	—	—	—	90
62	60	56	55	54	52	50	59	61	64	68	71	86
91	91	96	80	88	100	100	100	94	94	79	72	82
91	93	91	88	88	88	81	82	78	84	89	91	88
84	80	78	75	77	84	72	88	84	80	76	76	83
88	84	80	76	74	73	73	76	78	80	83	83	83
In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
.378	.385	.359	.343	.332	.309	.336	.335	.305	.341	.343	.354	.358
.287	.298	.299	.300	.287	.286	.304	.304	.300	.294	.296	.299	.282
.352	.344	.322	.339	.333	.320	.329	.308	.277	.269	.274	.281	.315
.301	.314	.317	.327	.325	.330	.310	.308	.307	.297	.288	.318	.302
.364	.378	.378	.378	.378	.378	.372	.366	.366	.358	.358	.361	.353
—	—	—	—	—	—	—	—	—	—	—	—	302
.316	.309	.333	.327	.352	.303	.281	.267	.254	.249	.258	.254	.259
.268	.272	.276	.255	.294	.286	.252	.257	.256	.236	.242	.247	.294
.300	.314	.322	.326	.312	.293	.285	.280	.295	.298	.303	.306	.292
.283	.298	.303	.299	.299	.312	.299	.299	.306	.317	.309	.285	.287
.327	.336	.317	.315	.273	.270	.253	.246	.249	.262	.255	.247	.258
.251	.265	.263	.273	.283	.284	.288	.281	.290	.287	.282	.285	.257
—	—	—	—	—	—	—	—	—	—	—	—	.251
.249	.244	.273	.261	.249	.239	.238	.236	.246	.236	.236	.231	.307
.255	.280	.269	.294	.298	.295	.303	.314	.301	.289	.281	.279	.251
.331	.325	.313	.302	.321	.321	.319	.311	.309	.296	.293	.301	.251
.255	.268	.269	.266	.250	.253	.253	.249	.250	.243	.265	.265	.265
.275	.291	.295	.260	.255	.244	.249	.240	.242	.270	—	.277	.265
.300	.293	.294	.292	.304	.297	.300	.288	.274	.290	.273	.266	.273
—	—	—	—	—	—	—	—	—	—	—	—	.298
.287	.304	.318	.325	.333	.336	.317	.305	.323	.309	.314	.322	.317
.262	.368	.361	.323	.290	.290	.298	.285	.260	.258	.266	.269	.288
.311	.320	.297	.323	.300	.297	.302	.315	.322	.315	.315	.315	.279
.300	.279	.279	.261	.248	.270	.253	.266	.248	.240	.257	.243	.243
.241	.252	.259	.265	.273	.271	.270	.270	.258	.263	.264	.242	.266
.243	.251	.258	.269	.275	.302	.341	.343	.341	.338	.349	.324	.266
—	—	—	—	—	—	—	—	—	—	—	—	.266
.253	.251	.258	.261	.259	.245	.231	.254	.248	.254	.260	.258	.286
.289	.289	.295	.269	.284	.305	.297	.300	.277	.268	.246	.238	.243
.250	.259	.247	.242	.242	.242	.226	.226	.215	.223	.235	.239	.260
.265	.264	.272	.280	.286	.302	.270	.293	.276	.264	.244	.244	.283
.292	.298	.298	.295	.294	.292	.288	.287	.281	.280	.281	.280	.283

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
Humidity of the Air. JUNE.	1	77	80	80	80	80	84	84	88	90	88	88	91
	2	94	100	98	97	98	99	98	96	98	100	96	98
	3	98	98	100	—	—	—	—	—	—	—	—	—
	4	—	—	—	91	84	83	85	89	93	94	90	88
	5	77	80	77	80	82	87	83	85	85	85	87	85
	6	97	94	97	98	98	100	98	97	—	96	96	94
	7	90	94	87	85	90	79	78	78	77	78	80	84
	8	78	77	79	79	79	85	84	85	93	85	94	94
	9	82	91	82	75	75	74	72	73	—	76	77	77
	10	82	82	80	—	—	—	—	—	—	—	—	—
	11	—	—	—	100	99	97	98	98	100	100	100	100
	12	97	97	97	94	—	94	97	97	97	97	97	98
	13	97	98	97	98	98	98	97	97	97	97	94	95
	14	90	90	93	94	93	93	91	93	91	91	91	91
	15	93	93	91	93	93	93	94	94	93	94	93	97
	16	96	96	91	96	100	88	93	94	94	90	93	93
	17	80	80	82	—	—	—	—	—	—	—	—	—
	18	—	—	—	—	81	80	80	77	80	85	84	78
	19	96	96	91	93	—	88	91	97	—	97	91	87
	20	80	85	85	85	91	94	93	97	98	100	100	100
	21	93	99	90	80	80	81	83	83	83	86	86	91
	22	63	61	61	64	68	62	81	82	77	80	83	93
	23	62	63	68	68	68	69	68	73	70	68	68	73
	24	94	96	96	—	—	—	—	—	—	—	—	—
	25	—	—	—	98	94	97	97	98	97	97	97	100
	26	93	90	91	93	93	93	90	90	93	91	89	97
	27	100	94	95	94	95	95	94	94	94	96	98	96
	28	100	88	87	85	87	85	85	85	84	80	81	83
	29	84	81	85	86	89	82	86	86	91	94	92	98
	30	88	90	93	87	—	78	78	78	84	86	87	85
	Hourly Means	88	88	88	88	88	87	88	89	89	89	89	91
Tension of the Vapour. JUNE.	1	In. .252	In. .258	In. .258	In. .258	In. .262	In. .269	In. .269	In. .277	In. .280	In. .277	In. .277	In. .282
	2	.348	.252	.239	.231	.227	.230	.233	.223	.225	.230	.229	.241
	3	.233	.225	.224	—	—	—	—	—	—	—	—	—
	4	—	—	—	.233	.231	.230	.231	.235	.240	.257	.266	.267
	5	.269	.269	.258	.262	.267	.267	.262	.263	.268	.272	.272	.277
	6	.271	.268	.260	.253	.251	.252	.247	.241	—	.225	.225	.220
	7	.280	.283	.264	.260	.268	.255	.255	.255	.252	.257	.266	.271
	8	.213	.207	.207	.207	.207	.215	.215	.215	.238	.225	.238	.228
	9	.214	.227	.214	.200	.196	.191	.187	.189	—	.195	.201	.201
	10	.239	.246	.250	—	—	—	—	—	—	—	—	—
	11	—	—	—	.276	.262	.245	.245	.235	.232	.228	.234	.246
	12	.267	.258	.258	.250	—	.248	.251	.249	.245	.241	.239	.239
	13	.258	.257	.247	.247	.243	.243	.241	.241	.237	.241	.236	.239
	14	.241	.239	.244	.248	.244	.244	.239	.244	.241	.241	.239	.241
	15	.236	.232	.233	.228	.228	.226	.228	.228	.234	.232	.230	.239
	16	.278	.278	.283	.278	.272	.265	.266	.264	.266	.259	.257	.257
	17	.262	.266	.257	—	—	—	—	—	—	—	—	—
	18	—	—	—	—	.302	.295	.289	.281	.292	.312	.304	.291
	19	.286	.280	.275	.273	—	.258	.259	.262	—	.267	.261	.264
	20	.259	.259	.252	.249	.250	.248	.238	.241	.239	.240	.232	.232
	21	.273	.268	.250	.232	.232	.235	.234	.234	.228	.239	.239	.247
	22	.195	.188	.184	.189	.195	.181	.208	.210	.203	.206	.209	.218
	23	.175	.179	.191	.191	.191	.196	.195	.205	.200	.197	.197	.211
	24	.268	.276	.276	—	—	—	—	—	—	—	—	—
	25	—	—	—	.278	.268	.260	.260	.266	.262	.260	.245	.260
	26	.273	.263	.254	.262	.255	.253	.245	.239	.236	.233	.229	.247
	27	.308	.300	.308	.309	.311	.308	.304	.304	.287	.283	.290	.283
	28	.300	.282	.274	.268	.262	.255	.251	.244	.233	.225	.226	.228
	29	.279	.290	.293	.296	.312	.312	.304	.312	.315	.317	.315	.316
	30	.284	.280	.285	.270	—	.261	.264	.264	.279	.282	.276	.265
	Hourly Means	.256	.255	.251	.250	.249	.248	.247	.247	.249	.248	.248	.250

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
93	86	88	82	74	74	74	78	85	93	96	93	84
93	86	80	78	81	81	80	84	91	97	97	100	92
—	—	—	—	—	—	—	—	—	—	—	—	80
77	67	65	66	66	66	66	69	70	72	76	75	82
85	81	77	72	70	71	74	82	85	93	91	93	91
93	93	86	85	82	77	80	84	88	87	85	84	77
81	71	78	79	65	73	66	63	59	66	73	78	81
81	68	61	65	72	73	74	77	93	84	94	87	74
78	70	71	66	65	64	64	69	71	76	75	79	94
—	—	—	—	—	—	—	—	—	—	—	—	95
100	97	91	91	87	88	88	91	94	94	96	97	94
94	94	90	88	90	90	93	94	93	98	100	94	95
97	93	93	97	88	88	88	90	88	91	93	91	94
86	86	83	79	80	80	83	83	86	87	89	94	88
94	91	85	81	81	78	79	77	85	87	87	90	89
94	87	85	81	75	68	67	65	73	79	79	77	86
—	—	—	—	—	—	—	—	—	—	—	—	83
78	82	73	76	78	83	96	88	85	88	94	98	87
85	85	88	85	82	82	83	73	74	82	85	85	90
100	93	85	81	80	77	78	81	87	93	96	94	83
91	88	82	81	80	73	74	77	79	79	80	65	75
91	84	84	84	76	69	68	73	73	74	74	75	78
75	76	79	80	91	96	96	93	93	91	93	94	92
—	—	—	—	—	—	—	—	—	—	—	—	90
96	92	85	85	79	85	86	86	92	93	84	84	91
91	90	80	80	80	81	85	89	92	96	96	100	91
96	86	82	79	74	76	81	84	88	94	93	96	82
83	79	76	73	71	74	78	81	80	84	84	84	83
94	90	80	68	62	63	66	75	84	—	85	86	81
87	81	73	68	64	74	71	73	80	84	89	94	85
89	84	81	79	77	77	78	80	83	86	88	88	85
In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
.290	.298	.328	.331	.306	.312	.300	.282	.277	.283	.278	.262	.282
.257	.253	.257	.261	.283	.286	.278	.269	.259	.249	.237	.238	.247
—	—	—	—	—	—	—	—	—	—	—	—	.253
.266	.249	.257	.268	.276	.282	.276	.270	.265	.262	.267	.256	.285
.301	.316	.314	.310	.307	.315	.312	.322	.293	.292	.280	.266	.254
.236	.238	.244	.253	.267	.272	.278	.269	.265	.272	.272	.269	.251
.285	.267	.282	.283	.239	.250	.220	.208	.192	.202	.211	.213	.214
.216	.191	.186	.201	.199	.211	.207	.211	.228	.223	.230	.228	.207
.213	.200	.210	.206	.210	.210	.204	.211	.208	.220	.219	.230	.258
—	—	—	—	—	—	—	—	—	—	—	—	.255
.256	.262	.263	.278	.281	.277	.273	.275	.273	.270	.273	.271	.249
.238	.248	.243	.251	.263	.270	.268	.270	.264	.269	.272	.255	.241
.243	.248	.259	.269	.260	.263	.260	.259	.247	.250	.250	.245	.258
.235	.242	.239	.241	.247	.245	.248	.237	.233	.232	.231	.238	.269
.242	.263	.265	.295	.295	.315	.314	.290	.295	.281	.281	.280	.258
.270	.281	.293	.302	.292	.279	.262	.243	.249	.255	.252	.249	.269
—	—	—	—	—	—	—	—	—	—	—	—	.303
.293	.325	.318	.326	.337	.335	.353	.320	.306	.300	.304	.292	.281
.279	.290	.300	.307	.313	.322	.325	.282	.271	.273	.272	.270	.262
.258	.264	.272	.277	.294	.294	.285	.280	.274	.283	.286	.287	.250
.250	.251	.267	.290	.308	.293	.276	.248	.241	.234	.234	.202	.207
.225	.223	.227	.229	.222	.214	.205	.211	.205	.207	.207	.208	.225
.221	.227	.239	.245	.265	.278	.276	.268	.266	.261	.266	.268	.280
—	—	—	—	—	—	—	—	—	—	—	—	.273
.288	.298	.290	.317	.304	.309	.307	.296	.298	.292	.271	.267	.305
.259	.266	.266	.272	.285	.299	.317	.320	.317	.319	.316	.319	.260
.303	.307	.318	.325	.320	.326	.330	.315	.300	.306	.292	.290	.306
.234	.236	.244	.249	.259	.275	.293	.288	.272	.282	.279	.279	.306
.336	.340	.336	.314	.292	.291	.294	.306	.299	—	.290	.283	.266
.279	.283	.281	.268	.261	.275	.253	.249	.247	.240	.233	.238	.259
.261	.264	.269	.276	.277	.281	.278	.269	.263	.262	.261	.258	.259

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.												
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20
Humidity of the Air. JULY.	1	94	93	93	—	—	—	—	—	—	—	—
	2	—	—	—	70	72	72	85	96	100	100	98
	3	86	86	86	81	82	82	84	81	82	84	84
	4	79	75	75	75	78	80	84	84	88	93	85
	5	91	87	93	81	85	86	93	89	84	85	85
	6	98	98	98	100	100	100	97	97	94	91	97
	7	100	100	100	100	100	100	100	100	100	100	100
	8	96	98	96	—	—	—	—	—	—	—	—
	9	—	—	—	96	96	96	98	97	—	94	94
	10	100	94	100	97	96	98	96	96	98	98	98
	11	93	93	93	93	91	84	85	87	86	90	96
	12	96	98	96	96	96	92	92	92	94	94	100
	13	84	90	82	82	88	84	82	83	—	89	87
	14	82	87	83	83	86	92	88	90	90	92	92
	15	72	75	72	—	—	—	—	—	—	—	—
	16	—	—	—	91	90	93	92	94	94	92	92
	17	83	85	88	88	86	85	86	88	90	90	85
	18	68	62	72	80	84	88	90	92	—	94	94
	19	65	65	80	82	81	81	82	83	88	85	85
	20	96	92	98	98	96	96	96	94	94	96	92
	21	82	83	79	83	90	93	94	97	97	97	97
	22	94	93	94	—	—	—	—	—	—	—	—
	23	—	—	—	98	96	96	96	96	96	96	98
	24	80	81	70	72	77	79	79	80	80	83	85
	25	84	93	85	85	85	83	82	83	83	88	90
	26	75	76	76	78	76	76	76	75	76	76	76
	27	62	64	66	66	—	76	81	82	80	86	84
	28	87	89	91	94	94	93	91	91	96	93	92
	29	97	97	97	—	—	—	—	—	—	—	—
	30	—	—	—	98	100	100	92	96	96	94	92
	31	89	93	93	93	87	91	91	94	98	94	91
Hourly Means	86	86	87	87	88	88	89	90	91	91	91	
Tension of the Vapour. JULY.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
	1	.230	.226	.224	—	—	—	—	—	—	—	—
	2	—	—	—	.255	.269	.271	.303	.324	.330	.330	.321
	3	.251	.246	.239	.226	.220	.218	.221	.214	.216	.223	.223
	4	.239	.228	.226	.224	.230	.234	.240	.240	.251	.259	.244
	5	.231	.228	.240	.226	.231	.233	.236	.235	.227	.227	.229
	6	.266	.266	.264	.269	.272	.272	.262	.264	.259	.254	.260
	7	.276	.281	.281	.278	.281	.281	.278	.276	.274	.281	.267
	8	.276	.278	.273	—	—	—	—	—	—	—	—
	9	—	—	—	.278	.278	.273	.273	.267	—	.257	.255
	10	.254	.228	.236	.231	.223	.227	.223	.221	.225	.225	.229
	11	.250	.250	.248	.246	.239	.219	.215	.210	.196	.196	.198
	12	.193	.193	.187	.187	.183	.174	.172	.172	.174	.174	.184
	13	.188	.193	.184	.188	.190	.192	.188	.195	—	.209	.218
	14	.208	.216	.205	.197	.196	.208	.205	.207	.198	.191	.203
	15	.237	.240	.232	—	—	—	—	—	—	—	—
	16	—	—	—	.215	.207	.212	.208	.210	.210	.208	.206
	17	.243	.246	.251	.249	.246	.249	.253	.256	.263	.266	.258
	18	.178	.165	.177	.185	.185	.190	.188	.191	—	.195	.195
	19	.165	.162	.183	.173	.165	.164	.165	.163	.171	.166	.166
	20	.223	.206	.211	.208	.200	.198	.198	.197	.193	.196	.191
	21	.239	.241	.232	.239	.250	.250	.248	.251	.247	.245	.245
	22	.228	.210	.210	—	—	—	—	—	—	—	—
	23	—	—	—	.202	.193	.185	.185	.183	.182	.182	.198
	24	.232	.232	.221	.233	.248	.249	.249	.252	.252	.257	.258
	25	.237	.244	.221	.211	.207	.195	.190	.195	.197	.205	.201
	26	.192	.193	.193	.193	.193	.195	.197	.196	.199	.197	.197
	27	.165	.168	.175	.171	—	.185	.190	.191	.172	.178	.177
	28	.222	.225	.231	.236	.232	.226	.217	.211	.223	.214	.204
	29	.251	.247	.237	—	—	—	—	—	—	—	—
	30	—	—	—	.204	205	.203	.182	.185	.181	.174	.172
31	.233	.230	.230	.230	220	.220	.215	.208	.215	.216	.220	
Hourly Means	.227	.225	.223	.221	.223	.220	.219	.220	.219	.220	.220	

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.												Daily and Monthly Means.	
12	13	14	15	16	17	18	19	20	21	22	23		
21	22	23	0	1	2	3	4	5	6	7	8		
—	—	—	—	—	—	—	—	—	—	—	—	—	89
96	95	92	94	91	89	86	88	91	80	84	82	82	78
78	71	72	66	75	75	71	72	74	74	72	74	74	81
98	93	85	72	61	69	71	70	79	84	89	91	94	90
94	84	97	93	98	91	91	93	91	97	94	94	94	97
98	100	100	100	96	93	90	96	96	96	96	100	100	97
100	100	100	94	89	86	91	93	93	96	91	93	93	97
—	—	—	—	—	—	—	—	—	—	—	—	—	91
93	83	82	81	80	80	78	90	88	93	91	93	93	94
98	94	93	90	90	85	85	86	93	97	90	93	93	87
93	87	78	76	72	72	76	79	87	94	92	92	92	89
81	90	86	81	81	79	78	77	85	82	86	82	82	79
91	87	82	73	62	52	60	67	68	78	81	82	82	80
89	79	79	77	69	63	64	66	70	71	78	66	66	88
—	—	—	—	—	—	—	—	—	—	—	—	—	82
94	89	89	88	83	82	85	85	88	93	91	90	90	76
94	94	85	82	71	73	65	72	72	75	77	78	78	80
82	71	69	68	60	69	62	68	75	71	75	65	65	89
80	82	76	75	70	71	73	80	91	84	89	89	89	87
93	89	83	72	69	72	92	84	85	82	81	84	84	89
93	91	91	84	82	83	80	82	79	80	81	85	85	87
—	—	—	—	—	—	—	—	—	—	—	—	—	89
100	94	93	88	83	71	71	76	77	79	80	80	80	76
79	77	70	70	74	68	65	70	59	75	77	76	74	80
83	77	69	76	70	70	66	74	75	82	76	74	74	71
72	68	60	58	58	65	72	69	65	63	66	65	65	78
86	83	79	69	72	72	74	76	84	85	89	89	89	87
85	80	74	71	67	64	77	85	88	97	98	98	98	88
—	—	—	—	—	—	—	—	—	—	—	—	—	88
88	87	84	79	71	70	71	69	77	88	91	89	89	88
85	78	71	75	73	73	78	85	96	98	100	100	100	85
89	85	82	79	76	74	76	79	82	84	85	85	85	85
In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
—	—	—	—	—	—	—	—	—	—	—	—	—	295
·322	·322	·319	·325	·328	·334	·321	·317	·312	·267	·265	·246	·246	230
·226	·220	·229	·220	·245	·255	·243	·238	·236	·238	·231	·234	·234	234
·282	·281	·253	·228	·184	·205	·210	·206	·209	·219	·225	·231	·231	244
·252	·240	·260	·255	·260	·261	·259	·259	·251	·262	·255	·259	·259	279
·273	·291	·297	·308	·297	·301	·296	·300	·295	·292	·286	·278	·278	283
·276	·293	·305	·306	·290	·282	·292	·290	·285	·290	·280	·275	·275	265
—	—	—	—	—	—	—	—	—	—	—	—	—	243
·264	·250	·265	·271	·272	·275	·255	·282	·263	·250	·241	·236	·236	217
·241	·244	·250	·261	·268	·260	·258	·255	·268	·269	·250	·253	·253	190
·214	·214	·213	·216	·221	·221	·212	·209	·208	·218	·195	·188	·188	216
·164	·190	·195	·194	·216	·215	·217	·205	·207	·193	·196	·191	·191	224
·259	·264	·272	·256	·233	·205	·219	·234	·212	·219	·214	·210	·210	232
·221	·217	·236	·254	·264	·252	·254	·246	·251	·251	·261	·221	·221	242
—	—	—	—	—	—	—	—	—	—	—	—	—	188
·228	·225	·235	·247	·243	·257	·270	·258	·254	·264	·250	·243	·243	202
·297	·294	·272	·248	·219	·228	·206	·214	·203	·200	·201	·197	·197	225
·210	·200	·203	·201	·186	·201	·183	·187	·194	·177	·176	·165	·165	249
·187	·214	·224	·240	·244	·242	·245	·260	·270	·240	·233	·215	·215	218
·210	·229	·241	·237	·243	·267	·295	·269	·260	·248	·237	·252	·252	245
·246	·261	·272	·269	·269	·277	·267	·269	·245	·241	·226	·213	·213	204
—	—	—	—	—	—	—	—	—	—	—	—	—	192
·209	·210	·224	·247	·257	·247	·252	·260	·253	·244	·241	·236	·236	200
·253	·253	·246	·257	·275	·268	·251	·245	·197	·236	·234	·229	·229	235
·203	·209	·199	·214	·200	·200	·192	·203	·194	·200	·189	·186	·186	219
·195	·197	·182	·179	·185	·197	·216	·199	·182	·173	·179	·175	·175	245
·196	·201	·213	·211	·226	·228	·228	·229	·237	·229	·231	·225	·225	204
·227	·234	·237	·244	·236	·229	·254	·260	·250	·271	·269	·269	·269	200
—	—	—	—	—	—	—	—	—	—	—	—	—	235
·192	·208	·223	·241	·244	·246	·251	·234	·247	·256	·247	·235	·235	219
·249	·259	·251	·284	·286	·289	·291	·301	·322	·316	·311	·295	·295	255
·234	·239	·243	·247	·246	·248	·248	·247	·242	·241	·236	·229	·229	232

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
Humidity of the Air. AUGUST.	1	100	100	100	100	—	100	100	100	100	100	98	
	2	88	91	98	100	100	100	98	98	100	100	98	
	3	100	85	82	87	—	89	91	81	84	84	81	72
	4	75	81	85	88	88	94	94	78	82	83	89	87
	5	87	83	77	—	—	—	—	—	—	—	—	—
	6	—	—	—	98	97	93	96	96	96	96	98	96
	7	90	93	97	98	98	97	97	96	96	96	100	96
	8	88	90	90	88	88	90	88	97	93	91	97	97
	9	92	93	93	88	93	93	97	97	100	98	97	100
	10	81	81	84	80	77	75	77	79	—	83	88	82
	11	76	78	80	79	80	81	80	80	78	82	76	80
	12	91	90	93	—	—	—	—	—	—	—	—	—
	13	—	—	—	97	91	97	97	97	94	93	91	89
	14	72	72	70	77	74	78	81	84	89	91	91	97
	15	91	93	94	94	90	88	89	91	91	91	96	93
	16	94	94	93	91	93	91	87	91	89	89	89	93
	17	79	79	82	87	85	85	84	84	81	81	82	77
	18	92	89	85	87	83	89	93	92	94	96	96	97
	19	93	94	97	—	—	—	—	—	—	—	—	—
	20	—	—	—	100	98	96	96	98	98	100	98	97
	21	88	83	83	83	85	86	85	84	—	93	97	90
	22	93	88	83	80	86	87	89	87	—	93	96	90
	23	94	93	91	93	97	98	100	100	93	84	81	81
	24	82	77	76	74	73	73	79	79	85	91	91	93
	25	72	74	75	75	79	83	83	82	86	86	93	91
	26	72	75	75	—	—	—	—	—	—	—	—	—
	27	—	—	—	78	79	81	83	81	84	86	83	82
	28	96	94	96	100	98	91	96	96	98	98	96	93
	29	100	100	98	100	100	100	100	100	—	100	100	100
	30	94	96	98	98	97	97	97	98	98	98	100	98
	31	85	95	98	96	—	90	90	88	92	91	91	88
Hourly Means	88	88	88	89	89	89	91	90	91	92	92	91	
Tension of the Vapour. AUGUST.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	
	1	.281	.283	.274	.278	—	.267	.267	.267	.267	.267	.267	.275
	2	.247	.241	.257	.265	.267	.260	.253	.237	.236	.238	.244	.245
	3	.242	.217	.208	.210	—	.213	.215	.210	.223	.223	.210	.187
	4	.178	.190	.199	.199	.198	.212	.210	.189	.198	.203	.213	.216
	5	.214	.205	.201	—	—	—	—	—	—	—	—	—
	6	—	—	—	.282	.264	.234	.229	.221	.211	.208	.208	.223
	7	.248	.236	.231	.233	.237	.237	.235	.229	.221	.215	.214	.215
	8	.256	.268	.270	.267	.260	.259	.247	.255	.244	.239	.258	.264
	9	.298	.295	.295	.282	.292	.273	.267	.262	.274	.262	.255	.269
	10	.291	.287	.277	.265	.253	.251	.223	.251	—	.251	.250	.258
	11	.227	.227	.225	.223	.225	.230	.227	.227	.221	.226	.222	.238
	12	.292	.282	.271	—	—	—	—	—	—	—	—	—
	13	—	—	—	.247	.235	.241	.231	.231	.226	.220	.215	.225
	14	.230	.228	.225	.233	.231	.227	.226	.227	.237	.237	.233	.267
	15	.265	.262	.252	.252	.243	.238	.229	.231	.223	.215	.213	.236
	16	.232	.238	.236	.235	.236	.237	.234	.237	.231	.231	.231	.240
	17	.211	.211	.220	.228	.225	.225	.223	.223	.210	.208	.210	.203
	18	.208	.215	.211	.216	.205	.211	.210	.208	.214	.223	.219	.250
	19	.244	.236	.221	—	—	—	—	—	—	—	—	—
	20	—	—	—	.236	.229	.223	.219	.215	.213	.222	.223	.243
	21	.260	.241	.243	.243	.249	.251	.244	.240	—	.244	.253	.259
	22	.278	.254	.239	.229	.233	.228	.225	.218	—	.218	.219	.239
	23	.275	.275	.261	.250	.251	.262	.278	.281	.264	.242	.235	.235
	24	.191	.182	.185	.188	.185	.189	.205	.205	.221	.227	.223	.246
	25	.195	.195	.194	.194	.202	.205	.197	.190	.198	.200	.212	.227
	26	.197	.202	.202	—	—	—	—	—	—	—	—	—
	27	—	—	—	.221	.223	.228	.232	.230	.240	.237	.234	.253
	28	.303	.297	.297	.305	.305	.289	.295	.295	.290	.294	.292	.285
	29	.293	.283	.264	.274	.269	.260	.252	.250	—	.263	.258	.274
	30	.285	.273	.264	.253	.247	.245	.233	.239	.243	.243	.246	.255
31	.289	.311	.311	.303	—	.293	.293	.288	.298	.292	.284	.279	
Hourly Means	.249	.246	.242	.245	.240	.240	.238	.235	.235	.236	.236	.245	

HUMIDITY OF THE AIR AND TENSION OF THE ATMOSPHERIC VAPOUR.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
100	93	92	78	81	85	84	84	84	84	88	85	93
100	93	83	80	82	80	82	85	90	94	100	97	93
68	68	64	64	60	78	55	63	78	76	78	75	77
85	84	78	78	75	80	75	86	82	84	82	82	83
—	—	—	—	—	—	—	—	—	—	—	—	88
93	91	85	80	76	72	69	80	82	96	86	88	88
94	91	80	81	73	71	71	71	74	80	84	83	88
90	86	84	77	79	79	80	80	85	89	90	89	88
100	100	84	85	82	91	97	93	86	93	89	89	93
78	78	76	74	73	59	73	72	64	72	77	77	76
80	79	68	66	66	71	74	74	80	84	85	85	78
—	—	—	—	—	—	—	—	—	—	—	—	78
90	75	72	66	59	53	56	52	57	64	68	72	86
87	90	85	88	89	97	89	88	86	91	96	98	86
94	85	69	67	58	59	65	80	91	91	98	93	85
90	85	78	70	63	63	65	67	67	75	75	75	82
63	62	61	59	62	72	69	69	79	88	93	94	77
85	84	70	71	67	63	63	63	86	90	83	93	84
—	—	—	—	—	—	—	—	—	—	—	—	86
88	82	77	68	63	61	67	69	81	80	84	90	82
87	85	81	68	64	67	72	71	74	80	80	90	81
80	70	73	73	67	64	66	70	77	81	84	85	81
75	77	73	62	55	62	57	58	58	61	74	81	79
76	63	57	57	57	55	77	76	73	80	85	78	75
78	69	67	65	63	61	63	69	68	68	70	68	74
—	—	—	—	—	—	—	—	—	—	—	—	84
86	79	74	78	91	91	91	89	96	100	99	98	92
90	89	85	81	88	88	84	88	88	93	96	96	91
93	94	82	76	74	69	64	73	88	92	92	93	89
94	90	86	82	74	76	74	79	75	81	81	85	87
95	92	76	62	70	70	80	88	88	88	91	96	87
86	83	76	72	71	72	73	75	79	84	85	86	84
In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
.291	.301	.322	.291	.290	.295	.285	.279	.267	.265	.263	.251	.278
.263	.273	.257	.254	.272	.267	.269	.274	.266	.255	.260	.239	.256
.191	.185	.191	.187	.181	.213	.158	.173	.197	.193	.187	.181	.200
.225	.221	.221	.223	.233	.234	.221	.237	.222	.221	.210	.210	.212
—	—	—	—	—	—	—	—	—	—	—	—	.241
.228	.239	.249	.262	.270	.270	.251	.266	.266	.283	.253	.258	.245
.240	.263	.260	.288	.272	.273	.273	.265	.253	.247	.242	.250	.279
.268	.285	.302	.297	.313	.322	.316	.307	.301	.301	.301	.290	.302
.278	.291	.265	.338	.358	.351	.367	.351	.333	.342	.325	.325	.258
.256	.258	.262	.276	.279	.229	.279	.282	.222	.231	.231	.231	.260
.257	.283	.290	.288	.297	.301	.306	.303	.305	.302	.301	.293	.243
—	—	—	—	—	—	—	—	—	—	—	—	.267
.245	.244	.265	.268	.261	.337	.243	.215	.222	.236	.231	.239	.267
.264	.290	.298	.306	.314	.336	.325	.320	.285	.287	.283	.294	.241
.268	.262	.241	.249	.221	.223	.227	.265	.247	.237	.245	.232	.220
.239	.231	.219	.206	.188	.190	.191	.192	.210	.201	.201	.203	.214
.176	.178	.191	.184	.199	.235	.234	.221	.234	.238	.236	.224	.238
.255	.271	.249	.265	.257	.250	.250	.238	.291	.287	.250	.259	.247
—	—	—	—	—	—	—	—	—	—	—	—	.263
.258	.272	.275	.268	.252	.257	.265	.267	.283	.269	.267	.263	.258
.272	.279	.299	.279	.264	.292	.290	.277	.269	.263	.257	.273	.258
.250	.247	.276	.293	.395	.290	.292	.293	.287	.288	.276	.262	.228
.224	.238	.213	.210	.188	.201	.191	.183	.171	.169	.190	.192	.209
.227	.210	.194	.201	.194	.196	.240	.227	.217	.225	.227	.213	.205
.227	.211	.215	.215	.219	.211	.212	.216	.199	.189	.198	.189	.267
—	—	—	—	—	—	—	—	—	—	—	—	.293
.264	.278	.275	.299	.334	.337	.337	.317	.319	.321	.315	.305	.281
.290	.296	.293	.286	.300	.295	.279	.284	.282	.287	.292	.292	.272
.287	.304	.301	.297	.306	.291	.273	.287	.306	.295	.295	.289	.296
.264	.280	.293	.302	.316	.309	.298	.311	.285	.289	.278	.289	.251
.313	.331	.322	.284	.294	.294	.301	.310	.288	.280	.271	.276	.267
.253	.260	.261	.264	.265	.267	.266	.265	.260	.259	.255	.253	.251

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.													
Hours of Mean Göttingen Time.	0	1	2	3	4	5	6	7	8	9	10	11	
Hours of Mean Van Diemen Island Time.	9	10	11	12	13	14	15	16	17	18	19	20	
Humidity of the Air. SEPTEMBER.	1	93	90	96	96	100	98	97	97	93	96	88	83
	2	85	83	79	—	—	—	—	—	—	—	—	—
	3	—	—	—	91	93	91	93	93	89	93	97	85
	4	91	89	87	89	87	89	85	84	—	80	81	79
	5	88	91	86	84	84	82	84	89	93	91	89	84
	6	79	80	78	78	—	—	82	85	84	85	74	76
	7	78	74	76	76	75	76	80	82	83	82	82	79
	8	82	84	87	91	—	94	91	93	93	94	91	88
	9	—	100	100	—	—	—	—	—	—	—	—	—
	10	—	—	—	100	100	97	97	93	97	97	98	94
	11	94	96	91	88	79	76	80	80	82	83	81	83
	12	88	87	91	91	94	91	100	100	100	100	100	100
	13	70	71	71	86	—	88	90	88	91	78	69	58
	14	96	94	81	80	75	80	88	85	88	91	94	100
	15	93	93	90	84	86	84	84	90	—	90	90	89
	16	93	97	93	—	—	—	—	—	—	—	—	—
	17	—	—	—	77	84	84	80	84	89	93	93	65
	18	85	86	93	94	94	93	93	93	93	97	97	91
	19	86	90	88	91	91	93	97	89	—	93	82	82
	20	87	88	94	98	96	94	97	97	98	100	100	98
	21	91	89	88	91	89	86	86	86	88	91	91	91
	22	97	100	100	100	—	100	100	100	—	100	100	91
	23	85	89	89	—	—	—	—	—	—	—	—	—
	24	—	—	—	83	83	85	82	82	83	83	75	74
	25	76	78	85	98	96	98	98	98	98	96	90	93
	26	100	100	93	98	98	96	97	91	88	85	78	74
	27	83	83	83	85	93	93	93	94	97	100	98	94
	28	82	84	89	91	89	87	85	87	84	84	80	74
	29	68	74	82	85	87	87	87	83	83	88	86	91
	30	77	80	86	—	—	—	—	—	—	—	—	—
	Hourly Means	86	87	87	89	89	89	90	90	90	91	88	85
Tension of the Vapour. SEPTEMBER.	1	In. .267	In. .262	In. .276	In. .273	In. .281	In. .266	In. .253	In. .260	In. .262	In. .280	In. .259	In. .253
	2	.247	.235	.220	—	—	—	—	—	—	—	—	—
	3	—	—	—	.227	.230	.223	.228	.236	.233	.236	.241	.229
	4	.223	.221	.214	.217	.210	.221	.215	.211	—	.201	.211	.220
	5	.247	.248	.234	.228	.224	.211	.214	.220	.227	.224	.222	.220
	6	.208	.207	.198	.198	—	—	.205	.216	.212	.214	.198	.215
	7	.213	.197	.199	.199	.198	.199	.200	.200	.203	.210	.226	.241
	8	.248	.233	.234	.233	—	.244	.231	.238	.236	.234	.241	.265
	9	—	.300	.291	—	—	—	—	—	—	—	—	—
	10	—	—	—	.252	.254	.249	.249	.244	.243	.235	.253	.273
	11	.311	.314	.289	.275	.250	.242	.250	.250	.255	.257	.274	.283
	12	.345	.341	.334	.328	.336	.331	.343	.338	.338	.338	.341	.355
	13	.255	.257	.260	.291	—	.275	.263	.256	.259	.283	.285	.293
	14	.364	.351	.310	.288	.256	.264	.270	.260	.265	.270	.280	.295
	15	.214	.214	.205	.193	.196	.188	.192	.194	—	.201	.205	.231
	16	.250	.255	.242	—	—	—	—	—	—	—	—	—
	17	—	—	—	.203	.213	.213	.206	.213	.213	.218	.228	.186
	18	.260	.253	.250	.248	.242	.240	.238	.238	.230	.235	.235	.239
	19	.246	.248	.236	.233	.231	.236	.241	.231	—	.248	.241	.250
	20	.279	.277	.285	.294	.276	.266	.269	.267	.269	.274	.283	.311
	21	.337	.328	.322	.328	.323	.309	.309	.301	.311	.323	.326	.340
	22	.350	.352	.355	.355	—	.355	.355	.352	—	.355	.366	.375
	23	.321	.326	.318	—	—	—	—	—	—	—	—	—
	24	—	—	—	.260	.256	.256	.251	.247	.244	.240	.255	.269
	25	.274	.278	.294	.313	.309	.299	.292	.297	.299	.300	.287	.298
	26	.283	.283	.268	.275	.275	.273	.271	.261	.254	.245	.228	.225
	27	.228	.228	.228	.231	.242	.242	.242	.246	.249	.258	.266	.277
	28	.226	.223	.229	.231	.229	.228	.225	.228	.223	.223	.225	.237
	29	.281	.294	.296	.290	.276	.281	.281	.280	.291	.295	.309	.328
	30	.365	.358	.371	—	—	—	—	—	—	—	—	—
	Hourly Means	.274	.272	.268	.259	.253	.254	.252	.251	.253	.256	.259	.268

HUMIDITY OF THE AIR, AND TENSION OF THE ATMOSPHERIC VAPOUR.												
12	13	14	15	16	17	18	19	20	21	22	23	Daily and Monthly Means.
21	22	23	0	1	2	3	4	5	6	7	8	
74	71	67	78	72	63	75	68	69	78	82	83	84
—	—	—	—	—	—	—	—	—	—	—	—	82
81	74	66	62	58	71	80	79	80	84	84	87	82
70	62	62	61	59	63	67	68	79	80	85	85	77
81	82	62	59	69	51	57	73	73	78	79	77	79
66	66	65	61	63	56	61	62	65	78	76	74	72
71	70	58	63	62	57	59	57	63	73	72	72	72
78	73	71	71	88	88	91	94	94	98	96	98	88
—	—	—	—	—	—	—	—	—	—	—	—	86
83	81	70	67	65	62	64	77	78	85	89	90	86
80	82	83	75	66	63	54	59	65	67	76	86	78
94	82	84	79	75	60	68	78	74	69	63	69	85
51	51	58	60	64	80	78	83	89	97	97	97	77
98	86	83	72	68	76	73	84	87	93	83	94	85
65	66	64	78	85	66	75	75	78	91	90	91	82
—	—	—	—	—	—	—	—	—	—	—	—	78
65	64	60	65	69	71	66	73	70	77	80	80	78
87	73	70	68	59	78	77	73	71	77	80	88	84
73	73	68	70	71	82	78	74	75	81	84	85	82
77	85	82	79	81	79	81	82	83	86	87	84	89
83	85	75	74	74	73	73	76	83	88	98	100	85
77	72	71	70	64	58	46	52	60	71	81	83	81
—	—	—	—	—	—	—	—	—	—	—	—	78
70	73	68	62	66	65	70	70	76	91	89	78	78
91	92	92	86	85	84	84	84	84	88	90	98	90
80	77	88	74	89	73	75	79	85	80	83	83	86
80	67	71	73	67	70	68	72	71	76	77	80	82
71	68	65	60	65	59	57	55	55	56	62	66	73
82	63	62	57	55	53	52	52	57	65	67	61	72
—	—	—	—	—	—	—	—	—	—	—	—	—
77	74	71	69	70	68	69	72	75	80	82	84	82
In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
.275	.289	.273	.293	.281	.253	.288	.264	.245	.257	.256	.247	.267
—	—	—	—	—	—	—	—	—	—	—	—	232
.229	.229	.225	.226	.230	.247	.261	.237	.226	.224	.220	.220	229
.241	.241	.241	.247	.229	.232	.238	.239	.251	.244	.252	.250	221
.219	.242	.229	.211	.213	.193	.190	.220	.216	.220	.216	.206	209
.205	.213	.223	.215	.213	.200	.208	.211	.202	.221	.218	.209	226
.246	.260	.231	.255	.255	.247	.252	.237	.235	.249	.239	.235	274
.272	.289	.307	.287	.317	.331	.315	.317	.311	.316	.306	.305	278
—	—	—	—	—	—	—	—	—	—	—	—	306
.280	.299	.295	.291	.300	.287	.292	.300	.296	.304	.309	.309	332
.307	.342	.367	.372	.372	.359	.319	.328	.330	.314	.332	.352	332
.365	.354	.359	.352	.375	.312	.323	.337	.312	.284	.258	.264	321
.296	.312	.346	.362	.366	.403	.391	.391	.393	.395	.382	.373	256
.288	.233	.233	.222	.208	.213	.212	.216	.220	.222	.195	.216	215
.182	.196	.201	.227	.255	.200	.242	.233	.227	.250	.245	.250	227
—	—	—	—	—	—	—	—	—	—	—	—	254
.199	.201	.200	.224	.248	.263	.243	.247	.236	.247	.252	.252	267
.257	.249	.254	.262	.237	.299	.297	.281	.267	.261	.260	.256	307
.262	.275	.273	.298	.307	.331	.325	.303	.286	.283	.282	.279	328
.302	.330	.351	.343	.354	.343	.342	.339	.333	.332	.332	.318	343
.327	.344	.329	.336	.339	.330	.318	.318	.333	.343	.355	.355	285
.362	.344	.355	.349	.358	.343	.277	.305	.304	.319	.329	.328	290
—	—	—	—	—	—	—	—	—	—	—	—	257
.256	.283	.275	.270	.297	.303	.318	.315	.319	.349	.331	.283	248
.292	.301	.308	.285	.288	.286	.283	.277	.268	.278	.276	.288	261
.248	.250	.278	.257	.309	.249	.250	.241	.255	.227	.234	.234	324
.262	.238	.248	.272	.257	.262	.251	.267	.256	.246	.231	.227	282
.257	.276	.297	.311	.319	.318	.326	.311	.293	.274	.285	.282	324
.348	.342	.357	.384	.405	.400	.367	.340	.334	.339	.336	.319	—
—	—	—	—	—	—	—	—	—	—	—	—	—
.271	.277	.282	.286	.293	.288	.285	.283	.278	.279	.277	.274	.272

VAN DIEMEN ISLAND, 1848

METEOROLOGICAL JOURNAL.

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain. In.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
JANUARY.							
D.	H.	°	°	°	In.		
1	0	75·4				0·0	} Fine and cloudless.
1	6	73·1	—	—		0·0	
Sunday.							
2	12	59·0	} 75·3	} 50·7	} 0·08	1·0	} A fresh N.W. gale, with squalls and showers.
2	18	62·8				0·9	
3	0	68·2	} 71·4	} 43·0	} 0·03	0·5	} A fresh N.W. gale, with light showers.
3	6	55·4				0·8	
3	12	45·0				0·8	
3	18	48·2				0·3	
4	0	58·2	} 67·0	} 49·3		0·8	} Fine clear weather.
4	6	64·0				0·5	
4	12	51·7				0·0	
4	18	55·2				0·0	
5	0	71·7	} 74·5	} 54·3		0·2	} Generally fine, but cloudy.
5	6	61·8				0·3	
5	12	57·1				1·0	
5	18	56·0				0·0	
6	0	66·7	} 70·0	} 46·3		0·7	} Fine, with cum.
6	6	63·8				—	
6	12	52·5				0·3	
6	18	50·8				0·1	
7	0	64·7	} 76·5	} 54·7		0·1	} Fine, with much haze.
7	6	70·0				0·5	
7	12	57·0				0·4	
7	18	57·2				0·6	
8	0	73·8	} —	} —		0·0	} Fine, with cum.
8	6	61·4				0·3	
Sunday.							
9	12	55·3	} 69·5	} 53·5		1·0	} Generally fine, with scattered cum.
9	18	55·4				1·0	
10	0	61·8	} 73·6	} 45·8		0·4	} Fine, with cum. and cir. ; much haze.
10	6	64·8				0·6	
10	12	50·0				0·0	
10	18	49·7				0·1	
11	0	64·0	} 67·8	} 50·1		0·0	} Cloudless sky, with dense smoky haze.
11	6	62·3				0·3	
11	12	53·6				0·0	
11	18	53·7				0·0	
12	0	76·2	} 82·2	} 58·4		0·0	} Haze continuing ; scattered cir. and cir.-cum.
12	6	69·3				0·3	
12	12	60·5				0·0	
12	18	61·2				0·6	
13	0	77·6	} 78·4	} 61·4	} 0·25	0·4	} Hot and sultry, with thick haze ; a thunder storm at 10 ^h .
13	6	71·3				0·6	
13	12	65·0				0·9	
13	18	64·0				0·9	
14	0	79·5	} 79·4	} 59·2		0·8	} Fine, with cum.
14	6	67·3				0·8	
14	12	60·3				1·0	
14	18	61·0				0·4	
15	0	62·5	} —	} —		0·9	} Hazy, but fine.
15	6	59·6				0·8	
Sunday.							
16	12	—	} —	} 48·0		0·0	} Fine, with dense smoky haze.
16	18	50·8				0·4	
17	0	67·5	} 71·6	} 55·6		0·0	} Haze continuing.
17	6	67·4				0·3	
17	12	58·0				0·4	
17	18	57·9				0·0	
18	0	68·6	} 70·4	} 49·6		0·7	} Fine, with cum. ; haze less dense.
18	6	55·2				0·0	
18	12	51·0				0·0	
18	18	52·2				1·0	

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
JANUARY.							
D.	H.	°	°	°	In.		
19	0	60·0	63·4	46·5	0·36	0·2	Cloudless, with thick haze.
19	6	60·6					
19	12	51·0					
19	18	49·6	77·8	55·7		0·0	
20	0	70·8					
20	6	70·0					
20	12	60·8	76·8	57·4	0·4	Haze continuing; a thunder storm at 10 ^h 30 ^m .	
20	18	58·2					
21	0	69·4					
21	6	66·8	—	—	0·0	Fine, with cum.	
21	12	59·8					
21	18	59·7					
22	0	67·0	—	—	0·8	Fine, with cum.	
22	6	65·2					
Sunday.							
23	12	56·2	69·8	48·5	1·0	Generally overcast and gloomy.	
23	18	57·0					
24	0	71·7					
24	6	66·4	75·2	53·7	0·2	Fine, with cum. and slight haze.	
24	12	58·0					
24	18	57·2					
25	0	77·4	77·4 ^a	59·2	0·8	Fine clear weather.	
25	6	64·2					
25	12	61·0					
25	18	63·2	82·7	54·5	0·4	Fine; a light rain towards the close of the day.	
26	0	79·8					
26	6	69·3					
26	12	58·6	65·2	46·6	0·0	Fine; light showers occasionally.	
26	18	58·5					
27	0	56·0					
27	6	52·6	61·2	49·4	1·0	Generally cloudy; light showers occasionally.	
27	12	50·6					
27	18	48·2					
28	0	58·0	—	—	1·0	Cloudy, with occasional light showers.	
28	6	56·9					
28	12	53·3					
28	18	50·4	65·6	44·8	0·9	Generally fine, with occasional showers.	
29	0	57·0					
29	6	51·1					
Sunday.							
30	12	50·3	67·0	46·8	0·0	Fine, with cum.	
30	18	51·0					
31	0	59·4					
31	6	58·3	71·8	46·8	0·4	Fine; occasional light showers.	
31	12	50·0					
31	18	49·0					
FEBRUARY.							
1	0	57·5	—	51·0	0·8	Fine, with cum.	
1	6	54·2					
1	12	52·2					
1	18	53·2	76·6	53·0	0·4	Fine, with cum.	
2	0	72·7					
2	6	66·0					
2	12	57·6	71·8	46·8	0·3	Fine; occasional light showers.	
2	18	57·3					
3	0	70·2					
3	6	60·5	60·8	42·7	0·6	Fine, with cum. and cir.-cum.	
3	12	48·8					
3	18	49·2					
4	0	57·0	—	—	0·5		
4	6	54·3					
4	12	46·5					
4	18	45·2			0·7		
					0·8		
					0·1		
					0·2		

^a Highest hourly reading of the Standard Thermometer.

Mean Time Van Diemen Island, Astronomical Reckoning.	TEMPERATURE. *			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
	Air.	Max. Therm.	Min. Therm.			
FEBRUARY.	°	°	°	In.		
D. H.						
5 0	60·1	—	—		0·7	} Fine, with cum.
5 6	60·6				0·3	
Sunday.						
6 12	—	69·5	49·4		1·0	} Fine, with cum. and hazy cir.
6 18	52·8				0·7	
7 0	62·6				0·4	} Generally overcast, with haze.
7 6	58·4	63·4	52·7		0·6	
7 12	55·7				1·0	
7 18	54·2			0·9		
8 0	65·0				0·4	} A dense haze prevailing.
8 6	58·0	65·2	55·4		1·0	
8 12	57·2				1·0	
8 18	57·4			1·0		
9 0	66·6				0·3	} Fine, with thick haze.
9 6	60·7	70·6	57·6		1·0	
9 12	58·8				0·9	
9 18	60·6			1·0		
10 0	73·2				0·0	} Cloudless sky, with dense smoky haze.
10 6	70·4	77·3	55·6		0·0	
10 12	60·7				0·0	
10 18	57·8			0·0		
11 0	78·0				0·0	} Cloudless sky, and very hot sultry atmosphere.
11 6	72·6	81·0	63·6		0·1	
11 12	64·6				0·0	
11 18	67·6			0·0		
12 0	90·0				0·0	} Fine, with haze.
12 6	68·5	—	—		1·0	
Sunday.						
13 12	57·0	72·6	55·0	0·04	1·0	} Light drizzling rain nearly throughout the day.
13 18	55·6				1·0	
14 0	65·3				0·8	} Overcast and gloomy, with occasional light showers.
14 6	57·8	—	54·8		1·0	
14 12	56·0				1·0	
14 18	56·2			1·0		
15 0	61·2				1·0	} Squally, with passing showers.
15 6	53·5	69·4	45·5		1·0	
15 12	49·4				0·4	
15 18	49·4			0·5		
16 0	53·2				0·2	} Fine and clear, with cum.
16 6	49·3	59·0	45·7		0·4	
16 12	47·8				0·8	
16 18	48·8			0·6		
17 0	60·0				0·7	} Fine, with much haze.
17 6	56·5	63·2	46·2		0·6	
17 12	53·0				0·3	
17 18	47·8			0·3		
18 0	64·6				0·2	} Fine, with much haze.
18 6	63·8	69·8	52·5		0·8	
18 12	56·0				0·2	
18 18	54·6			0·6		
19 0	71·4				0·2	} Fine, with much haze.
19 6	64·3	—	—		1·0	
Sunday.						
20 12	57·5	73·2	53·8	0·34	0·0	} Rain nearly throughout the day.
20 18	57·3				1·0	
21 0	57·2				1·0	} Squally, with rain.
21 6	54·8	59·4	51·0		1·0	
21 12	54·5				0·6	
21 18	52·2			0·9		
22 0	58·8				0·8	} Unsettled, with occasional rain.
22 6	56·6	61·0	51·2		1·0	
22 12	52·6				1·0	
22 18	53·3				1·0	

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
FEBRUARY.							
D.	H.	°	°	°	In.		
23	0	62°3	64°2	53°2	0°09	0°9	} Rain nearly throughout the day.
23	6	59°8					
23	12	55°0					
23	18	54°4					
24	0	63°0	66°0	50°4		1°0	} Generally fine, with cir. and cir.-cum.
24	6	61°2					
24	12	54°8					
24	18	51°2					
25	0	70°7	73°0	53°0		0°4	} Generally fine, with slight haze.
25	6	63°5					
25	12	57°0					
25	18	54°7					
26	0	63°2	—	—		0°3	} Fine, with haze.
26	6	59°2					
Sunday.							
27	12	53°2	66°3	50°6		0°8	} Fine, with scattered cum.
27	18	52°6					
28	0	62°5	66°4	54°4		0°5	} Generally overcast.
28	6	59°2					
28	12	55°8					
28	18	55°8					
29	0	64°2	71°8	57°6		1°0	} Fine, but cloudy.
29	6	63°0					
29	12	59°8					
29	18	59°3					
MARCH.							
1	0	72°0	79°8	56°4	0°15	0°5	} Rain during the latter part of the day.
1	6	69°8					
1	12	58°3					
1	18	59°0					
2	0	64°4	68°5	54°7	0°33	1°0	} Squally and unsettled, with showers.
2	6	62°3					
2	12	59°8					
2	18	55°7					
3	0	68°0	72°6	52°2 ^a		0°6	} Fine, with cum. and cir.-cum.
3	6	65°0					
3	12	58°4					
3	18	54°7					
4	0	65°3	—	—		1°0	} Fine, with cum.
4	6	59°0					
Sunday.							
5	12	56°4	68°2	49°4	0°01	0°4	} Fine clear weather ; a heavy shower in the middle of the day.
5	18	52°3					
6	0	67°2	72°2	53°4		1°0	} Generally fine, with cir.
6	6	66°0					
6	12	57°0					
6	18	54°4					
7	0	72°0	78°8	54°5		0°8	} Generally fine, with cir.
7	6	63°5					
7	12	56°4					
7	18	57°2					
8	0	63°0	64°4	47°5		0°6	} Fine clear weather.
8	6	58°7					
8	12	51°7					
8	18	48°0					
9	0	62°8	65°0	50°8		0°2	} Fine clear weather.
9	6	59°6					
9	12	56°6					
9	18	51°6					
10	0	72°0	81°0	56°7		0°0	} Unsettled, with occasional rain.
10	6	70°0					
10	12	59°5					
10	18	57°6					

^a Lowest hourly reading of the Standard Thermometer.

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max Therm.	Min Therm.			
MARCH.		°	°	°	In.		
D.	H.						
11	0	64·9	—	—	0·27	1·0	} Overcast, with occasional rain.
11	6	65·0				1·0	
Sunday.							
12	12	63·5	75·0	57·6	0·02	0·2	} Cloudy sultry weather, with light rain.
12	18	58·3				0·8	
13	0	71·5	74·3	53·7	0·26	1·0	} Heavy showers with lightning, and generally unsettled.
13	6	67·8				0·9	
13	12	59·5				0·7	
13	18	54·4				0·3	
14	0	67·5	69·2	51·6	0·01	1·0	} Squally and unsettled.
14	6	61·2				0·7	
14	12	57·7				1·0	
14	18	53·5				1·0	
15	0	54·5	57·2	49·0		1·0	} Overcast and gloomy.
15	6	53·6				1·0	
15	12	51·6				1·0	
15	18	50·2				1·0	
16	0	60·2	62·7	48·4		1·0	} Overcast, with squalls and light showers.
16	6	54·3				1·0	
16	12	51·5				1·0	
16	18	49·6				1·0	
17	0	65·8	72·0	58·0		0·5	} Unsettled, with occasional squalls and showers.
17	6	62·6				0·8	
17	12	59·0				1·0	
17	18	60·0				0·8	
18	0	69·9	—	—		0·8	} Cloudy and unsettled.
18	6	67·8				0·7	
Sunday.							
19	12	62·3	77·5	56·2	0·10	0·7	} Frequent showers.
19	18	57·0				1·0	
20	0	63·0	—	52·3	0·01	1·0	} Showery, with fine intervals.
20	6	58·3				1·0	
20	12	55·8				0·8	
20	18	53·7				0·2	
21	0	61·6	64·8	47·6		0·4	} Occasional light showers.
21	6	55·0				0·4	
21	12	49·3				0·6	
21	18	50·4				1·0	
22	0	63·0	70·8	49·3		0·6	} Very squally; with occasional showers.
22	6	57·6				0·7	
22	12	49·8				0·4	
22	18	50·4				0·6	
23	0	58·7	66·0	52·7		0·7	} Fine, with a strong squally breeze.
23	6	57·8				0·8	
23	12	58·5				0·9	
23	18	56·5				0·5	
24	0	63·0	69·0	53·5		0·6	} A strong squally breeze; Aurora very distinct at night.
24	6	59·6				1·0	
24	12	54·2				0·5	
24	18	59·8				0·4	
25	0	70·6	—	—		0·3	} Fine and clear.
25	6	65·0				0·4	
Sunday.							
26	12	49·8	74·0	47·3		0·9	} Generally fine; with occasional light rain.
26	18	51·0				0·7	
27	0	63·2	67·8	49·5		0·8	} Squally, with a rainy appearance.
27	6	57·8				0·5	
27	12	52·6				0·7	
27	18	50·8				0·5	
28	0	61·6	66·6	51·4		0·5	} Fine settled weather.
28	6	58·2				0·8	
28	12	55·0				0·2	
28	18	54·2				1·0	

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
MARCH.							
D.	H.	°	°	°	In.		
29	0	66°0	68°7	50°5		0°9	A violent hot gale.
29	6	61°8				0°5	
29	12	53°2				1°0	
29	18	53°6	79°5	54°3		1°0	Generally fine and clear.
30	0	74°6				0°4	
30	6	67°6				0°3	
30	12	59°0	68°4	51°6		0°9	Fine, but squally.
30	18	55°5				0°6	
31	0	64°6				0°4	
31	6	58°3				0°0	
31	12	52°8				0°0	
31	18	56°8				0°5	
APRIL.							
1	0	68°2	—	—		0°5	Fine, with cum.
1	6	62°5				0°7	
Sunday.							
2	12	57°0	72°5	52°2		1°0	Generally fine, with cum.
2	18	53°1				0°9	
3	0	61°5	65°4	40°2		0°3	Fine clear settled weather.
3	6	55°0				0°3	
3	12	47°2				0°0	
3	18	41°2	63°2	46°4		0°0	Fine ; a fresh hot gale in the latter part of the day.
4	0	58°0				0°0	
4	6	54°3				0°1	
4	12	48°0	76°0	54°5		0°0	Generally fine, with cum.
4	18	47°2				0°9	
5	0	69°3				0°5	
5	6	68°0	71°6	48°0	0°06	0°8	Generally fine ; aurora very distinct at night.
5	12	64°4				0°3	
5	18	57°0				0°5	
6	0	69°6	62°1	50°0		0°3	Fine, with cir. and cir.-cum.
6	6	63°0				0°0	
6	12	52°5				0°4	
6	18	49°2	—	—		1°0	Fine, with cum.
7	0	59°0				0°8	
7	6	54°1				0°1	
7	12	50°6	73°8	52°7		0°3	Generally gloomy, with rainy appearance.
7	18	55°5				0°7	
8	0	65°2				0°0	
8	6	59°4	66°2	50°2	0°08	0°6	Fine, with occasional squalls.
8	12	—				0°3	
8	18	—				0°5	
9	12	—	66°4	39°6	0°08	1°0	Squally and unsettled, with rain at times.
9	18	57°0				0°9	
10	0	60°0				0°7	
10	6	56°0	—	—	0°03	0°7	Squally and unsettled, with rain at times.
10	12	53°8				1°0	
10	18	54°5				1°0	
11	0	57°3	—	—		1°0	Fine, with cum.
11	6	50°0				0°3	
11	12	42°8				0°9	
11	18	40°8	54°7	52°4	0°24	0°7	Fine, terminating in thick misty rain.
12	0	54°2				0°5	
12	6	52°3				0°8	
12	12	52°2	—	—		0°7	
12	18	55°4				0°8	
13	0	60°6				1°0	
13	6	59°6	—	—		1°0	
13	12	58°4				1°0	
13	18	55°6				0°7	
14	0	67°6	—	—		0°7	
14	6	61°2				0°1	
14	12	55°6				0°2	
14	18	53°7				0°8	

Mean Time Van Diemen Island, Astronomical Reckoning.	TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
	Air.	Max. Therm.	Min. Therm.			
APRIL.						
D. H.	°	°	°	In.		
15 0	60·4	}	—		1·0	} Nearly overcast.
15 6	52·0				1·0	
Sunday.						
16 12	42·8	}	—	41·3	0·0	} Fine and clear.
16 18	43·0				0·0	
17 0	56·2	}	—	47·5	0·4	} Unsettled, with a fresh squally breeze.
17 6	51·2				1·0	
17 12	50·0	0·8				
17 18	52·5	0·8				
18 0	60·4	}	—	52·5	0·8	} Cloudy and gloomy; light drizzling rain occasionally.
18 6	58·9				0·8	
18 12	56·4	0·8				
18 18	56·2	1·0				
19 0	61·0	}	—	45·0 ^a	0·4	} Fine settled weather.
19 6	52·5				0·5	
19 12	49·6	0·9				
19 18	45·0	0·4				
20 0	59·6	}	—	43·8	0·6	} Fine and settled.
20 6	53·8				0·0	
Good Friday.						
21 12	59·4	}	—	55·0	0·8	} Fine and clear, with a fresh breeze.
21 18	56·4				0·1	
22 0	71·0	}	—	—	0·0	} Fine and clear.
22 6	66·3				0·0	
Sunday.						
23 12	59·8	}	—	54·3	0·7	} Much cirrus haze, with general clear sky.
23 18	55·1				0·3	
24 0	61·2	}	65·0	45·5	0·4	} Fine settled weather.
24 6	57·2				0·4	
24 12	49·5	0·3				
24 18	46·7	0·0				
25 0	54·8	}	56·1	51·3	1·0	} Cloudy and sultry.
25 6	53·0				0·9	
25 12	52·7	1·0				
25 18	58·0	1·0				
26 0	67·6	}	77·2	61·5	0·6	} Cloudy; light rain at the close of the day.
26 6	70·0				0·8	
26 12	66·4	0·3				
26 18	66·1	0·9				
27 0	74·0	}	74·8	54·3	0·9	} Light drizzling rain, terminating in fine weather.
27 6	58·0				1·0	
27 12	56·0	1·0				
27 18	55·0	0·6				
28 0	65·8	}	70·6	55·7	0·6	} Generally fine; rain in the evening.
28 6	65·2				0·6	
28 12	63·5	0·1				
28 18	57·7	0·5				
29 0	60·6	}	—	—	0·7	} Nearly overcast, with occasional rain.
29 6	53·6				1·0	
Sunday.						
30 12	45·4	}	68·0	41·7	0·2	} Fine settled weather.
30 18	43·0				0·0	
MAY.						
1 0	54·2	}	62·4	48·5	1·0	} Squally, with light showers, terminating in fine weather.
1 6	55·0				0·7	
1 12	60·7	0·7				
1 18	52·2	0·5				
2 0	58·3	}	61·4	42·5	0·9	} Generally fine, with cum.
2 6	53·8				1·0	
2 12	47·0	0·3				
2 18	44·3	0·4				

^a Lowest hourly reading of the Standard Thermometer.

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
MAY.							
D.	H.	°	°	°	In.		
3	0	53.4	61.8	46.4		1.0	Generally fine, with cum.
3	6	52.2				1.0	
3	12	49.3				0.0	
3	18	54.4	67.0	44.5		0.1	Cloudy and gloomy.
4	0	65.6				0.5	
4	6	55.7				0.6	
4	12	48.0	55.4	46.8	1.50	0.3	Rain throughout the day.
4	18	45.5				0.9	
5	0	52.9				1.0	
5	6	51.2	—	—	0.60	1.0	Rain throughout the day.
5	12	48.4				1.0	
5	18	48.6				1.0	
6	0	51.6	55.2	47.3	0.02	1.0	Fine, with occasional showers.
6	6	50.0				1.0	
Sunday.							
7	12	50.2	55.8	45.4		0.5	Squally, with cold raw atmosphere.
7	18	48.8				1.0	
8	0	54.6				0.8	
8	6	49.0	54.6	43.0		0.0	Overcast and gloomy, with occasional rain.
8	12	47.2				0.6	
8	18	48.3				1.0	
9	0	53.6	51.3	40.6		0.7	Fine, with haze.
9	6	49.8				0.9	
9	12	48.0				1.0	
9	18	44.2	52.5	42.5	0.02	1.0	Overcast, with occasional rain.
10	0	50.2				1.0	
10	6	49.2				1.0	
10	12	45.9	52.2	39.0		0.7	Generally fine and clear.
10	18	41.5				0.0	
11	0	51.2				1.0	
11	6	49.2	—	—		1.0	Fine, but cloudy.
11	12	47.0				0.9	
11	18	45.1				1.0	
12	0	50.6	53.8	35.8	0.03	0.9	Squally, with showers, and cold raw atmosphere.
12	6	48.2				1.0	
12	12	45.7				0.6	
12	18	40.0	52.6	42.6		0.3	Fine, with light cum. and haze.
13	0	51.0				0.3	
13	6	47.6				0.4	
Sunday.							
14	12	43.3	—	—	0.07	1.0	Fine, with cum. and cir.-cum. ; a shower of rain at mid-day.
14	18	46.6				0.4	
15	0	51.2				0.7	
15	6	44.6	53.4	43.0		0.6	Fine, with cum. and cir.-cum.
15	12	45.6				0.3	
15	18	45.0				0.3	
16	0	55.5	55.2	45.0		0.4	Unsettled, with occasional rain squalls.
16	6	52.2				0.4	
16	12	48.2				0.7	
16	18	48.7	57.8	40.6		0.3	Fine clear weather.
17	0	50.9				1.0	
17	6	49.0				0.5	
17	12	47.2	55.2	45.0		0.4	Unsettled, with occasional rain squalls.
17	18	44.2				0.2	
18	0	54.0				0.4	
18	6	49.0	57.8	40.6		0.8	Fine clear weather.
18	12	45.9				0.4	
18	18	48.4				0.5	
19	0	56.2	—	—		0.3	Fine clear weather.
19	6	50.8				0.5	
19	12	47.1				0.3	
19	18	41.7				0.3	

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.		
		Air.	Max Therm.	Min Therm.					
MAY.									
D.	H.	°	°	°	In.				
20	0	53·0	}	}		0·8	} Fine, with cum. and cir.-cum.		
20	6	45·6				—		—	0·2
Sunday.									
21	12	45·7	}	}		0·5	} Nearly overcast.		
21	18	43·6				60·2		42·3	1·0
22	0	53·2	}	}	0·09	1·0	} Overcast; rain occasionally; fine in the evening.		
22	6	57·4				61·5		46·2	1·0
22	12	55·8				—		—	0·8
22	18	52·5				—		—	0·7
23	0	54·8				—		—	0·4
23	6	52·0	}	}		0·6	} Squally, with light showers.		
23	12	48·4				58·4		43·2	0·2
23	18	45·0				—		—	0·7
24	0	55·2	}	}		0·7	} Generally fine and settled.		
24	6	52·0				58·0		46·8	0·7
24	12	50·2				—		—	0·7
24	18	49·6				—		—	0·6
25	0	56·8	}	}		0·3	} Cloudless and clear.		
25	6	49·2				58·0		37·7	0·0
25	12	43·1				—		—	0·0
25	18	38·8				—		—	0·0
26	0	51·1				—		—	0·0
26	6	45·0	}	}	0·35	0·0	} Foggy, terminating in rain.		
26	12	39·8				53·8		34·2	0·0
26	18	36·5				—		—	1·0
27	0	42·7				—		—	1·0
27	6	49·7	}	}		1·0	} Overcast.		
Sunday.									
28	12	53·5	}	}		0·5	} Fresh breeze, with squalls; evening fine.		
28	18	51·7				57·0		37·5	0·5
29	0	58·0	}	}	1·08	0·3	} A heavy gale, with squalls and hard rain.		
29	6	52·8				58·9		44·5	0·1
29	12	49·2				—		—	1·0
29	18	45·3				—		—	1·0
30	0	48·8				—		—	1·0
30	6	44·0	}	}	0·49	1·0	} A heavy gale, with squalls and hard rain.		
30	12	43·7				50·7		41·4	1·0
30	18	44·0				—		—	1·0
31	0	43·5				—		—	1·0
31	6	42·3	}	}	0·09	1·0	} Weather clearing up; evening fine and settled.		
31	12	43·5				50·2		40·5	1·0
31	18	45·0				—		—	0·4
JUNE.									
1	0	51·4	}	}		0·6	} Fine, with cir. and cir.-cum.		
1	6	47·8				52·8		45·2	0·2
1	12	47·6				—		—	0·2
1	18	46·7				—		—	1·0
2	0	54·0				—		—	0·5
2	6	45·8	}	}		0·0	} Cloudless and clear.		
2	12	39·6				55·2		37·5	0·0
2	18	38·6				—		—	0·0
3	0	48·5	}	}		0·0	} Fine and cloudless.		
3	6	41·7				—		—	0·0
Sunday.									
4	12	41·3	}	}		0·0	} Fine settled weather, with cum.		
4	18	43·1				51·2		34·7	0·7
5	0	53·8	}	}		0·7	} Fine and settled, with cum.		
5	6	50·7				56·4		44·8	0·0
5	12	48·2				—		—	0·2
5	18	47·0				—		—	0·2

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
JUNE.					In.		
D.	H.	°	°	°			
6	0	55.5	57.0	37.8		0.2	Fine, with cir.
6	6	46.8				0.3	
6	12	41.6				0.0	
6	18	39.0				0.0	
7	0	45.3	50.6	39.5		1.0	Generally overcast, with occasional light showers.
7	6	46.6				1.0	
7	12	46.0				1.0	
7	18	48.3				1.0	
8	0	50.4	53.6	38.5	0.32	1.0	Squally, with heavy passing showers.
8	6	46.0				0.9	
8	12	42.0				0.0	
8	18	41.8				1.0	
9	0	46.3	47.1	38.7	0.27	0.7	Squally, terminating in fine weather.
9	6	42.0				1.0	
9	12	42.3				0.7	
9	18	41.2				0.6	
10	0	46.4	—	—		0.8	Fine and settled.
10	6	44.6				0.1	
Sunday.							
11	12	43.2	52.8	36.8		0.5	Fine and settled.
11	18	38.0				0.4	
12	0	45.8	47.8	39.3		0.3	Overcast and gloomy.
12	6	44.4				1.0	
12	12	42.3				1.0	
12	18	40.7				1.0	
13	0	44.2	46.2	39.2		0.2	Overcast and gloomy.
13	6	43.2				1.0	
13	12	41.0				1.0	
13	18	40.5				1.0	
14	0	43.6	46.4	40.0		1.0	Overcast and gloomy.
14	6	43.2				1.0	
14	12	42.0				1.0	
14	18	42.2				1.0	
15	0	46.0	46.8	38.8		1.0	Overcast; occasional light rain.
15	6	42.2				1.0	
15	12	40.3				1.0	
15	18	40.3				1.0	
16	0	50.8	55.2	40.2		0.7	Generally overcast.
16	6	47.6				0.6	
16	12	44.6				0.6	
16	18	44.4				1.0	
17	0	51.4	—	—		0.9	Cloudy, but fine.
17	6	47.6				0.4	
Sunday.							
18	12	—	54.2	46.5	0.09	0.8	Unsettled, with occasional rain.
18	18	51.0				0.8	
19	0	55.3	56.6	41.5		1.0	Overcast, with rainy appearance.
19	6	49.1				0.3	
19	12	45.0				0.8	
19	18	43.3				0.8	
20	0	50.6	53.8	37.5		1.0	Fine and settled.
20	6	48.1				0.2	
20	12	44.8				0.6	
20	18	39.6				0.2	
21	0	49.0	52.8	39.6		0.2	Occasional rain; squalls.
21	6	45.8				0.8	
21	12	44.7				0.0	
21	18	43.5				0.8	
22	0	50.1	56.0	37.2		0.2	Heavy passing squalls, with rain.
22	6	45.6				0.1	
22	12	44.9				0.5	
22	18	41.2				1.0	

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain. In.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
JUNE.							
D.	H.	°	°	°	In.		
23	0	42·8	47·5	39·0	0·02	1·0	Unsettled, with squalls and rain.
23	6	43·5				0·8	
23	12	43·8				0·8	
23	18	44·4				1·0	
24	0	46·0	—	—		1·0	Overcast and gloomy.
24	6	44·3				1·0	
Sunday.							
25	12	44·2	51·0	39·8		0·6	Fine, with cir. and cir.-cum.
25	18	42·6				0·3	
26	0	51·2	53·8	40·0		0·6	Fine and settled.
26	6	46·8				0·9	
26	12	43·8				0·2	
26	18	41·2				0·1	
27	0	49·0	52·6	43·2		0·8	Fine and clear.
27	6	48·2				0·6	
27	12	48·1				0·6	
27	18	45·0				0·0	
28	0	54·2	56·2	41·6		0·0	Fine and clear.
28	6	47·8				0·2	
28	12	46·6				0·0	
28	18	44·0				1·0	
29	0	49·0	53·6	43·5		1·0	Generally overcast, with rainy appearance.
29	6	48·4				0·5	
29	12	49·0				0·8	
29	18	48·8				0·8	
30	0	57·5	59·0	45·2		0·4	Fine and clear.
30	6	—				0·4	
30	12	46·3				0·6	
30	18	48·0				0·0	
JULY.							
1	0	52·9	—	—		0·3	Fine and clear.
1	6	44·0				0·0	
Sunday.							
2	12	51·1	54·3	37·7	0·32	1·0	Overcast and gloomy, with frequent rain.
2	18	48·2				1·0	
3	0	49·5	52·3	40·7	0·04	1·0	Unsettled, with occasional light showers.
3	6	48·1				1·0	
3	12	43·6				0·0	
3	18	42·0				0·2	
4	0	48·3	49·0	43·5	0·14	1·0	Frequent showers, with squally unsettled weather.
4	6	47·2				0·6	
4	12	45·6				0·2	
4	18	43·6				0·8	
5	0	47·0	47·0 ^a	39·8	1·50	0·4	Fresh southerly gale, with thick squally weather and rain.
5	6	41·7				0·8	
5	12	43·5				1·0	
5	18	42·2				1·0	
6	0	43·2	45·2	41·0	0·34	1·0	Rain, and unsettled weather throughout the day.
6	6	42·8				1·0	
6	12	42·6				1·0	
6	18	43·5				1·0	
7	0	46·2	48·7	41·3		1·0	Overcast and gloomy.
7	6	45·8				0·6	
7	12	43·3				0·5	
7	18	42·4				1·0	
8	0	47·8	—	—		0·8	Nearly overcast.
8	6	45·6				1·0	
Sunday.							
9	12	44·7	49·5	38·7		0·8	Fine, but generally cloudy.
9	18	42·9				1·0	

^a Highest hourly reading of the Standard Thermometer.

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
JULY.		°	°	°	In.		
D.	H.						
10	0	48·6	} 50·8	} 37·4	}	0·8	} Overcast, with damp raw atmosphere.
10	6	42·8					
10	12	39·6					
10	18	38·5					
11	0	44·6	} 46·6	} 34·4	}	1·0	} Generally fine, with cum.
11	6	43·7					
11	12	42·2					
11	18	37·0					
12	0	44·2	} 46·6	} 31·3	}	0·5	} Fine, with cum. and cir.-cum ; hard frost during the night.
12	6	38·7					
12	12	34·2					
12	18	32·8					
13	0	39·3	} 45·2	} 33·6	}	0·6	} Fine ; with cir. and cum.
13	6	38·8					
13	12	38·0					
13	18	39·1					
14	0	49·8	} 54·1	} 35·0	}	0·6	} Clear and fine.
14	6	43·8					
14	12	39·2					
14	18	35·8					
15	0	48·3	} —	} —	}	0·5	} Fine, but cloudy.
15	6	49·7					
Sunday.							
16	12	39·5	} 54·3	} 36·6	}	0·4	} Fine, but generally cloudy.
16	18	38·0					
17	0	43·8	} 48·2	} 39·9	}	1·0	} Overcast and gloomy, with occasional rain.
17	6	44·0					
17	12	43·9					
17	18	45·2					
18	0	45·8	} 48·0	} 34·3	}	0·8	} Generally clear and fine.
18	6	42·3					
18	12	38·3					
18	18	35·7					
19	0	45·4	} 47·0	} 32·5	}	0·3	} Generally clear and fine, with sharp frost.
19	6	40·7					
19	12	36·0					
19	18	34·0					
20	0	47·6	} 51·0	} 32·6	}	0·3	} Fine clear weather.
20	6	43·8					
20	12	36·3					
20	18	35·2					
21	0	48·0	} 52·3	} 37·2	}	0·5	} Overcast, with occasional rain.
21	6	45·8					
21	12	44·5					
21	18	41·3					
22	0	47·2	} —	} —	}	1·0	} Overcast and gloomy.
22	6	45·6					
Sunday.							
23	12	35·4	} 49·0	} 31·3	}	0·0	} Foggy, with cold raw atmosphere and frost during the night.
23	18	33·6					
24	0	43·8	} 47·7	} 35·0	}	0·6	} Overcast ; threatening rain.
24	6	46·3					
24	12	47·4					
24	18	46·2					
25	0	51·2	} 53·8	} 36·5	}	1·0	} Squally ; with showers throughout the day.
25	6	46·6					
25	12	40·4					
25	18	38·6					
26	0	44·0	} 46·0	} 35·4	}	0·8	} Nimbi, with squalls and showers.
26	6	40·0					
26	12	40·6					
26	18	41·6					

Mean Time Van Diemen Island, Astronomical Reckoning.	TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
	Air.	Max. Therm.	Min. Therm.			
JULY.						
D. H.	°	°	°	In.		
27 0	46.5	48.0	34.5		0.4	Generally cloudy, but fine.
27 6	43.3				0.9	
27 12	41.6				0.8	
27 18	35.7				0.6	
28 0	46.2	47.3	36.5		0.9	Generally cloudy, but fine.
28 6	42.5				1.0	
28 12	40.8				1.0	
28 18	38.7				0.7	
29 0	49.0	—	—		0.2	Fine, with cir. and clear atmosphere.
29 6	43.8				0.3	
Sunday.						
30 12	36.0	50.5	31.7		0.0	Fine, with cir. and clear transparent atmosphere.
30 18	33.0				0.0	
31 0	46.2	50.8	35.8	0.02	0.1	Clear and fine; terminating in light drizzling rain.
31 6	44.6				0.0	
31 12	40.4				0.2	
31 18	38.5				0.2	
AUGUST.						
1 0	52.0	53.8	40.6		0.9	Generally fine, with cum.
1 6	47.3				1.0	
1 12	43.0				0.0	
1 18	42.4				0.8	
2 0	51.5	52.7	37.7		1.0	Generally fine, with cum.
2 6	46.8				0.5	
2 12	42.2				1.0	
2 18	39.0				0.6	
3 0	46.9	49.6	38.2		0.1	Squally, with light showers.
3 6	42.8				0.0	
3 12	39.6				0.0	
3 18	42.2				1.0	
4 0	44.8	46.8	36.4	0.24	0.6	Fresh squalls, with showers throughout the day.
4 6	40.8				0.6	
4 12	38.0				0.7	
4 18	39.8				0.8	
5 0	44.2	—	—		1.0	Overcast.
5 6	41.9				1.0	
Sunday.						
6 12	44.5	53.2	35.3		0.9	Fine and clear, with cir.-cum.
6 18	36.8				0.0	
7 0	47.7	52.0	35.5		0.2	Clear and nearly cloudless.
7 6	45.0				0.8	
7 12	39.3				0.5	
7 18	37.8				0.0	
8 0	50.2	53.1	40.3		0.0	Fine, but cloudy.
8 6	46.3				0.3	
8 12	45.7				1.0	
8 18	42.0				0.4	
9 0	52.4	54.8	41.0	0.05	1.0	Cloudy, with occasional rain.
9 6	48.7				0.8	
9 12	47.0				0.7	
9 18	42.5				0.3	
10 0	53.6	56.8	42.6		0.8	Cloudy unsettled looking weather
10 6	51.3				0.7	
10 12	48.4				0.3	
10 18	45.4				0.6	
11 0	51.2	54.3	42.3		0.9	Fine and settled, with cum.
11 6	47.3				0.5	
11 12	43.7				0.5	
11 18	43.2				0.4	
12 0	55.8	—	—		0.9	Nearly overcast.
12 6	50.5				0.7	
Sunday.						
13 12	41.2	57.0	36.7		0.0	Clear and cloudless
13 18	39.4				0.0	

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
AUGUST.		°	°	°	In.		
D.	H.						
14	0	53·8	57·7	40·4	0·02	0·0	Threatening, with light drizzling rain occasionally.
14	6	51·2					
14	12	46·0					
14	18	41·8					
15	0	49·6	51·8	36·6	0·75	1·0	Heavy rain at 20 ^h , after a generally fine day.
15	6	46·6					
15	12	42·4					
15	18	39·3					
16	0	51·4	52·3	39·0	1·12	0·5	Rain throughout the day, with fresh south wind and squalls.
16	6	41·8					
16	12	41·6					
16	18	41·4					
17	0	44·8	46·3	40·0	0·02	0·6	Clearing up; fine at the close of the day.
17	6	42·4					
17	12	41·6					
17	18	41·6					
18	0	46·4	49·6	36·8		0·7	Generally fine, with cum.
18	6	42·8					
18	12	40·5					
18	18	38·7					
19	0	51·4	—	—		0·8	Fine, with cum.
19	6	47·2					
Sunday.							
20	12	39·2	54·0	35·4		0·0	Fine and settled, with light cum.
20	18	37·5					
21	0	53·0	55·7	41·0		0·2	Cloudy and gloomy; terminating in fine clear weather.
21	6	48·1					
21	12	45·0					
21	18	42·0					
22	0	54·2	56·6	36·6		0·6	Cloudless clear weather nearly throughout the day.
22	6	48·2					
22	12	44·5					
22	18	39·0					
23	0	53·8	57·8	41·2	0·03	0·0	Unsettled, with squalls and occasional light rain.
23	6	49·7					
23	12	42·6					
23	18	44·3					
24	0	48·7	51·0	37·2		0·8	Unsettled, with squalls and occasional light rain.
24	6	43·4					
24	12	41·0					
24	18	40·6					
25	0	49·8	51·8	37·3		0·0	Generally fine, with cum.
25	6	43·9					
25	12	41·7					
25	18	38·6					
26	0	48·2	—	—		0·7	Fine, with cum.
26	6	43·5					
Sunday.							
27	12	44·0	51·5	41·5	0·25	0·9	Cloudy and gloomy, terminating in rain.
27	18	43·4					
28	0	52·2	52·9	44·0	0·15	1·0	Thick weather, with drizzling rain nearly throughout the day.
28	6	47·2					
28	12	46·2					
28	18	45·7					
29	0	50·0	50·7	39·7		1·0	Generally fine, but cloudy.
29	6	46·3					
29	12	42·8					
29	18	41·9					
30	0	52·7	55·5	39·0		0·7	Cloudy and gloomy nearly throughout the day.
30	6	47·4					
30	12	41·5					
30	18	40·5					

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain. In.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
AUGUST.		°	°	°			
D.	H.						
31	0	51·0	} 55·6	42·6	0·03	1·0	} Rain at times ; gloomy and unsettled.
31	6	49·8				0·9	
31	12	46·7				0·9	
31	18	47·2				0·9	
SEPTEMBER.							
1	0	57·0	} 57·8	41·2	0·04	0·7	} Very unsettled weather, with occasional rain.
1	6	46·8				0·4	
1	12	44·0				1·0	
1	18	44·7				0·9	
2	0	51·6	} —	—	0·02	1·0	} Nearly overcast, with light showers.
2	6	48·0				0·8	
Sunday.							
3	12	40·7	} 54·6	39·0	0·08	0·8	} Squally, with occasional rain.
3	18	41·2				1·0	
4	0	50·5	} 53·8	38·7		0·5	} Unsettled, with a strong N.W. gale.
4	6	42·2				0·3	
4	12	40·0				0·3	
4	18	40·8				0·3	
5	0	53·2	} 54·0	39·0	0·04	0·9	} Squally and unsettled, with showers.
5	6	45·8				1·0	
5	12	42·5				0·1	
5	18	40·3				1·0	
6	0	50·2	} 51·3	39·5		0·7	} Squally and unsettled.
6	6	43·8				0·9	
6	12	40·9				0·0	
6	18	40·5				0·8	
7	0	50·0	} 51·0	39·0		0·3	} Fine and clear, with cum. and cir.-cum.
7	6	44·2				0·9	
7	12	41·7				0·2	
7	18	41·2				0·1	
8	0	53·6	} 57·3	39·6	0·10	0·3	} Generally fine ; showery towards evening.
8	6	49·0				0·2	
8	12	41·5				0·0	
8	18	40·5				0·6	
9	0	53·5	} —	—	0·09	0·6	} Fine, with occasional rain.
9	6	47·4				1·0	
Sunday.							
10	12	40·8	} 55·8	38·8		0·4	} Fine, with cum. and settled weather.
10	18	40·0				0·1	
11	0	55·7	} —	—		0·4	} Fine, with cum.
11	6	50·2				1·0	
11	12	46·4				0·9	
11	18	46·3				1·0	
12	0	59·6	} 65·5	47·0		0·6	} Cloudy, with rainy appearance.
12	6	57·8				0·7	
12	12	50·5				0·5	
12	18	48·4				1·0	
13	0	56·8	} —	43·0	0·25	0·6	} A thick mist, terminating in a fresh N.W. gale, with rain.
13	6	53·8				1·0	
13	12	48·6				1·0	
13	18	50·8				0·3	
14	0	65·1	} 67·0	44·0	0·62	0·8	} Rain nearly throughout the day ; clearing up in the evening.
14	6	54·0				1·0	
14	12	50·8				0·8	
14	18	45·2				1·0	
15	0	46·4	} 48·7	36·2	0·05	1·0	} Cloudy ; light falls of snow occasionally.
15	6	39·5				0·5	
15	12	38·4				0·6	
15	18	37·7				0·8	
16	0	45·0	} —	—	0·04	0·7	} Cloudy, with occasional showers.
16	6	43·3				0·8	
Sunday.							
17	12	42·0	} 50·7	36·2	—	0·4	} Generally fine, with cum.
17	18	39·2				1·0	

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
SEPTEMBER.							
D.	H.	°	°	°	In.		
18	0	49.3	53.1	38.5		0.8	Fine and clear, with light cum.
18	6	47.4				1.0	
18	12	42.0				0.3	
18	18	40.2	55.0	39.3		0.4	Cloudy, with cum.
19	0	52.7				0.3	
19	6	49.2				0.3	
19	12	41.3	57.7	41.3		0.2	Frequent light showers, and unsettled weather.
19	18	42.5				0.9	
20	0	55.0				1.0	
20	6	50.0	58.0	46.0		0.4	Overcast and gloomy, with occasional light misty rain.
20	12	45.6				1.0	
20	18	42.5				0.8	
21	0	55.8	58.2	48.4	0.06	0.8	Overcast and misty.
21	6	52.4				1.0	
21	12	50.5				0.9	
21	18	50.2	—	—	0.29	1.0	Unsettled, with occasional rain.
22	0	57.0				1.0	
22	6	52.5				1.0	
22	12	49.6	65.5	43.5	0.01	1.0	Generally fine; occasional light showers.
22	18	49.8				1.0	
23	0	59.5				1.0	
23	6	56.6	58.7	45.6		0.3	Unsettled, with light misty showers.
Sunday.						0.9	
24	12	46.6				0.6	
24	18	44.6	50.6	42.8	0.09	0.6	Frequent rain and unsettled weather.
25	0	55.8				1.0	
25	6	52.3				1.0	
25	12	47.2	51.0	40.4		0.6	Overcast, gloomy weather.
25	18	46.5				0.6	
26	0	48.3				1.0	
26	6	46.6	53.8	39.7		1.0	Cloudy, with a fresh warm wind.
26	12	44.0				0.6	
26	18	44.4				0.8	
27	0	49.4	64.2	46.4		0.8	Fine, with hazy cir. and close warm atmosphere.
27	6	44.2				0.9	
27	12	42.5				0.6	
27	18	41.6	—	—	0.13	0.8	Cloudy, with occasional showers of rain.
28	0	51.6				0.8	
28	6	47.7				1.0	
28	12	41.2	72.0	48.2		0.6	Cloudy, with occasional squalls.
28	18	42.3				0.8	
29	0	60.6				0.9	
29	6	59.2	59.3	41.0	0.02	0.1	Squally throughout, with occasional showers.
29	12	49.0				0.7	
29	18	48.7				0.7	
30	0	68.2	54.7	39.3		0.4	Cloudy, but fine.
30	6	60.8				0.1	
Sunday.						0.6	
OCTOBER.			56.3	39.0		0.6	Fine; evening cloudy, with occasional light rain.
1	14	—				0.2	
1	18	49.0				0.9	
2	2	—	56.3	39.0		0.7	
2	6	48.2				0.5	
2	14	—				0.7	
2	18	43.5	54.7	39.3		0.4	
3	2	—				0.1	
3	6	45.6				0.6	
3	14	—	56.3	39.0		0.9	
3	18	40.5				0.8	
4	2	—				0.6	
4	6	47.2	56.3	39.0		0.2	
4	14	—				0.2	
4	18	42.5				0.9	

Mean Time Van Diemen Island, Astronomical Reckoning.	TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
	Air.	Max. Therm.	Min. Therm.			
OCTOBER.	°	°	°	In.		
D. H.						
5 2	—				1'0	} Squally and unsettled, with occasional rain.
5 6	48'6	}	—	0'13	1'0	
5 14	—				0'7	
5 18	41'8				0'3	
6 2	—				0'8	} Clear, settled weather.
6 6	50'0	0'6				
6 14	—	0'2				
6 18	45'2	0'5				
7 2	—	}	56'6	44'3	0'2	} Fine and clear.
7 6	49'5					
Sunday.						
8 14	—	}	61'6	41'8	0'0	} Fine, and cloudless.
8 18	45'3				0'0	
9 2	—	}	65'3	44'5	0'7	} Overcast, with a fresh N.W. gale.
9 6	58'0				1'0	
9 14	—				1'0	
9 18	50'3				1'0	
10 2	—	}	71'0	44'2	0'8	} Generally clear and settled, with cir.
10 6	63'3				1'0	
10 14	—				0'2	
10 18	46'6				0'1	
11 2	—	}	64'1	45'0	0'6	} Cloudy, with occasional showers of rain.
11 6	56'2				0'8	
11 14	—	}	57'3	45'0	1'0	} Cloudy, with occasional rain; a fresh S.W. gale.
11 18	46'0				1'0	
12 2	—				0'7	
12 6	54'4				0'8	
12 14	—	}	54'7	47'2	1'0	} Cloudy; evening fine, with cum.
12 18	49'8				1'0	
13 2	—	}	56'8	48'2	1'0	} Fine, with occasional light showers.
13 6	48'9				1'0	
13 14	—				0'4	
13 18	49'0				0'4	
14 2	—	}	72'0	45'8	0'1	} Fine, with a fresh N.W. breeze.
14 6	58'2				0'1	
Sunday.						
15 14	—	}	62'8	40'5	0'3	} Cloudy, but fine.
15 18	48'7				0'3	
16 2	—				1'0	
16 6	50'5				0'3	
16 14	—	}	53'8	40'0	0'9	} Generally clear and settled weather.
16 18	43'0				0'8	
17 2	—	}	58'5	43'0	0'0	} Fine; evening cloudy; aurora visible.
17 6	49'2				0'6	
17 14	—				1'0	
17 18	44'0				0'7	
18 2	—	}	60'4*	45'0	0'3	} Fine and settled.
18 6	50'7				0'8	
18 14	—	}	68'1	44'6	0'0	} Cloudy, with light rain.
18 18	47'8				0'9	
19 2	—				0'7	
19 6	51'8				0'5	
19 14	—	}	60'0	46'1	1'0	} Nearly overcast, with light rain.
19 18	48'0				0'8	
20 2	—	}	50'8	47'8	0'9	} Cloudy, with frequent showers of rain.
20 6	58'6				1'0	
20 14	—				0'8	
20 18	47'6				0'8	
21 2	—	}	56'3	46'1	1'0	
21 6	56'3				0'8	
Sunday.						
22 14	—	}	50'8	47'8	1'0	} Cloudy, with frequent showers of rain.
22 18	49'7				0'8	

* Highest hourly reading of the Standard Thermometer.

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
OCTOBER.		°	°	°	In.		
D.	H.						
23	2	—	55°0	43°5	0·15	1·0	Overcast, with frequent rain.
23	6	46·3					
23	14	—					
23	18	45·1	60·7	40·5		1·0	Fine, with cum. and cir.-cum.
24	2	—					
24	6	52·6					
24	14	—	66·6	41·0		0·1	Fine, but cloudy.
24	18	45·3					
25	2	—					
25	6	56·6	61·8	42·5	0·05	0·8	Cloudy, with light rain in the evening.
25	14	—					
25	18	—					
26	2	—	66·7	49·7	0·06	0·7	Cloudy, with light rain.
26	6	53·4					
26	14	—					
26	18	52·0	—	43·7	0·06	0·9	Overcast, with frequent rain.
27	2	—					
27	6	57·8					
27	14	—	58·6	42·6	0·07	0·7	Cloudy; evening fine.
27	18	51·2					
28	2	—					
28	6	48·7	56·2	40·8		1·0	Cloudy, unsettled weather.
Sunday.		—					
29	14	—					
29	18	44·4	66·6	42·8	0·48	0·8	Fine, with occasional light rain.
30	2	—					
30	6	49·2					
30	14	—	—	—	0·30	0·6	Cloudy, with frequent rain.
30	18	44·0					
31	2	—					
31	6	56·8	—	—	0·33	1·0	Gloomy and overcast, with rain.
31	14	—					
31	18	48·3					
NOVEMBER.		—	—	—		1·0	Cloudy and gloomy throughout.
1	2	—					
1	6	53·8					
1	14	—	—	—	0·44	0·7	Cloudy, with frequent rain and squalls.
1	18	51·0					
2	2	—					
2	6	53·0	—	—		1·0	Cloudy, with squalls and rain.
2	14	—					
2	18	48·6					
2	18	48·6	—	—		1·0	Fine, but cloudy.
3	2	—					
3	6	52·1					
3	14	—	—	—	0·14	0·5	Cloudy, with light rain; evening fine.
3	18	49·2					
4	2	—					
4	6	51·6	—	—		0·4	
Sunday.		—					
5	14	—					
5	18	49·3	—	—		1·0	
6	2	—					
6	6	47·5					
6	14	—	—	—		0·5	
6	18	47·3					
7	2	—					
7	6	60·0	—	—		0·5	
7	14	—					
7	18	49·5					
8	2	—	—	—		0·4	
8	6	66·8					
8	14	—					
8	18	54·2	—	—		1·0	
		—					
		—					

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain. In.	Extent of Cloudy Sky.	Weather and Remarks.
		Air.	Max. Therm.	Min. Therm.			
NOVEMBER.		°	°	°			
D.	H.						
9	2	—	—	—		0·8	Clear and fine throughout.
9	6	56·8	—	—		0·2	
9	14	—	—	—		0·4	
9	18	49·3	—	—		0·7	
10	2	—	—	—		0·8	Fine, with cir. ; evening cloudy, with moderate rain and distant thunder.
10	6	63·2	—	—	0·29	0·5	
10	14	—	—	—		0·6	
10	18	—	—	—		—	
11	2	—	—	—		1·0	Cloudy, with light rain.
11	6	53·3	—	—	0·02	0·7	
Sunday.							
12	14	—	—	—	0·10	1·0	Cloudy, with rain.
12	18	46·7	—	—		0·8	
13	2	—	—	—		0·4	Fine and clear.
13	6	57·9	—	—		0·3	
13	14	—	—	—		0·0	
13	18	45·6	—	—		0·0	
14	2	—	—	—		0·0	Fine, with occasional light rain.
14	6	66·8	—	—	0·30	0·4	
14	14	—	—	—		0·4	
14	18	53·8	—	—		1·0	
15	2	—	—	—		1·0	Constant rain nearly throughout the day.
15	6	57·4	—	—	0·49	1·0	
15	14	—	—	—		1·0	
15	18	55·3	—	—		1·0	
16	2	—	—	—		0·7	Cloudy, with unsettled appearance ; evening overcast.
16	6	57·0	—	—		0·7	
16	14	—	—	—		1·0	
16	18	49·7	—	—		1·0	
17	2	—	—	—		1·0	Gloomy and overcast ; light rain in the evening.
17	6	49·5	—	—		1·0	
17	14	—	—	—		1·0	
17	18	52·0	—	—		0·8	
18	2	—	—	—		1·0	Nearly overcast, with light rain.
18	6	56·3	—	—	0·03	—	
Sunday.							
19	14	—	—	—		0·1	Fine and clear, with aurora visible ; evening overcast.
19	18	50·0	—	—		0·1	
20	2	—	—	—		0·6	Cloudy, with squalls.
20	6	56·0	—	—		0·9	
20	14	—	—	—		0·8	
20	18	51·5	—	—		0·2	
21	2	—	—	—		0·2	Clear and fine ; a light rain in the evening.
21	6	66·3	—	—	0·19	0·7	
21	14	—	—	—		0·3	
21	18	52·5	—	—		0·3	
22	2	—	—	—		1·0	Cloudy, with light rain ; evening squally.
22	6	48·8	—	—		1·0	
22	14	—	—	—		—	
22	18	46·8	—	—		0·6	
23	2	—	—	—		1·0	Fine and settled ; evening squally, with hard rain.
23	6	51·3	—	—	0·54	1·0	
23	14	—	—	—		0·5	
23	18	47·7	—	—		0·4	
24	2	—	—	—		0·6	Cloudy, with squalls from N.W. ; evening fine and clear.
24	6	49·2	—	—		1·0	
24	14	—	—	—		0·3	
24	18	49·6	—	—		0·5	
25	2	—	—	—		0·8	Nearly overcast.
25	6	58·0	—	—		1·0	
Sunday.							
26	14	—	—	—	0·39	0·3	Fine, with rain in the evening.
26	18	52·2	—	—		0·4	

Mean Time Van Diemen Island, Astronomical Reckoning.		TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.			
		Air.	Max. Therm.	Min. Therm.						
NOVEMBER.		°	°	°	In.					
D.	H.									
27	2	—	}	—	0·12	1·0	} Morning and evening fine, squalls and rain at mid-day.			
27	6	52·3				1·0				
27	14	—				0·4				
27	18	43·5	}	—	0·12	0·6	} Generally clear and fine.			
28	2	—				0·5				
28	6	58·8				0·3				
28	14	—	}	—	0·12	0·5	} Overcast and gloomy.			
28	18	46·3				0·3				
29	2	—				0·4				
29	6	59·7	}	—	0·15	1·0	} Overcast and gloomy.			
29	14	—				1·0				
29	18	53·2				1·0				
30	2	—	}	—	0·15	1·0	} Overcast and gloomy.			
30	6	68·0				1·0				
30	14	—				1·0				
30	18	58·2	}	—		1·0				
DECEMBER.										
D.	H.									
1	2	—	}	—		1·0	} Fine, but cloudy.			
1	6	59·1				0·8				
1	14	—				0·6				
1	18	51·8	}	—		0·6	} Fine, with cum.			
2	2	—				0·5				
2	6	64·3				0·5				
Sunday.										
3	14	—	}	—	0·38	1·0	} Overcast, with light rain.			
3	18	54·2				1·0				
4	2	—				1·0				
4	6	51·0	}	—	0·14	0·8	} Cloudy and unsettled, with squalls and showers.			
4	14	—				0·2				
4	18	44·7				1·0				
5	2	—	}	—	0·20	0·4	} Squally with rain, and cold raw atmosphere.			
5	6	53·3				0·5				
5	14	—				0·8				
5	18	45·0	}	—	0·07	0·8	} Fine; evening squally and showery.			
6	2	—				0·5				
6	6	64·0				0·4				
6	14	—	}	—		0·2	} Unsettled, with squalls.			
6	18	49·6				0·2				
7	2	—				0·8				
7	6	49·4	}	—	0·13	1·0	} Thick, with light rain and squalls.			
7	14	—				0·6				
7	18	47·2				0·8				
8	2	—	}	—	0·20	0·7	} Fine, with occasional rain.			
8	6	61·0				0·5				
8	14	—				0·3				
8	18	48·7	}	—		1·0				
9	2	—				0·8				
9	6	53·8				0·3				
Sunday.										
10	14	—	}	—		0·7	} Fine, but cloudy.			
10	18	48·2				0·7				
11	2	—				0·8				
11	6	61·6	}	—	0·03	1·0	} Cloudy with much haze; a fresh gale from N.N.W.			
11	14	—				0·8				
11	18	58·7				0·5				
12	2	—	}	—		0·8	} Overcast and gloomy			
12	6	70·0				0·8				
12	14	—				1·0				
12	18	59·4	}	—		1·0				
13	2	—				1·0				
13	6	77·0				1·0				
13	14	—	}	—	0·03	1·0	} Nearly overcast, with occasional showers.			
13	18	62·2				1·0				
						0·7				

Mean Time Van Diemen Island, Astronomical Reckoning.	TEMPERATURE.			Rain.	Extent of Cloudy Sky.	Weather and Remarks.
	Air.	Max. Therm.	Min. Therm.			
DECEMBER.	°	°	°	In.		
D. H.						
14 2	—	—	—		1.0	} Overcast and gloomy.
14 6	55.0	—	—		1.0	
14 14	—	—	—		1.0	
14 18	54.3	—	—		0.8	} Generally clear and fine throughout.
15 2	—	—	—		0.7	
15 6	71.6	—	—		0.3	
15 14	—	—	—		0.4	
15 18	57.7	—	—		0.6	
16 2	—	—	—		0.5	
16 6	69.5	—	—		0.3	} Fine, with cum.
Sunday.						
17 14	—	—	—		1.0	} Overcast and gloomy; a strong sea breeze.
17 18	54.2	—	—		1.0	
18 2	—	—	—		0.5	
18 6	54.7	—	—		1.0	} Overcast and gloomy, with misty atmosphere.
18 14	—	—	—		1.0	
18 18	53.2	—	—		1.0	
19 2	—	—	—		0.4	} Fine; evening squally.
19 6	55.3	—	—		1.0	
19 14	—	—	—		0.7	
19 18	56.2	—	—		0.4	
20 2	—	—	—		0.6	
20 6	52.8	—	—		0.5	
20 14	—	—	—		0.6	} Cloudy, with squalls; evening fine.
20 18	47.7	—	—		0.8	
21 2	—	—	—		0.7	
21 6	62.4	—	—		0.4	} Fine throughout.
21 14	—	—	—		0.1	
21 18	56.4	—	—		0.1	
22 2	—	—	—		0.5	} Fine and clear; evening overcast, with light rain.
22 6	77.0	—	—	0.02	0.5	
22 14	—	—	—		0.7	
22 18	56.7	—	—		1.0	
23 2	—	—	—		0.8	
23 6	60.5	—	—		0.3	
Sunday.						
Christmas Day.						
25 14	—	—	—		0.5	} Nearly overcast, with occasional rain.
25 18	50.2	—	—		1.0	
26 2	—	—	—		1.0	
26 6	55.0	—	—	0.05	1.0	} Overcast, with light misty rain.
26 14	—	—	—		1.0	
26 18	52.8	—	—		1.0	
27 2	—	—	—		1.0	} Nearly overcast, with light rain.
27 6	60.0	—	—	0.02	1.0	
27 14	—	—	—		0.6	
27 18	56.3	—	—		0.5	} Cloudy, with frequent rain.
28 2	—	—	—		0.6	
28 6	64.8	—	—	0.98	0.8	
28 14	—	—	—		1.0	
28 18	54.7	—	—		0.8	
29 2	—	—	—		1.0	
29 6	55.6	—	—		0.9	} Cloudy, with squalls and showers.
29 14	—	—	—		—	
29 18	50.0	—	—		0.4	
30 2	—	—	—		0.5	} Fine; with cum. and cir.
30 6	57.5	—	—		0.4	
Sunday.						
31 14	—	—	—		0.0	} Cloudless settled weather.
31 18	56.3	—	—		0.0	

VAN DIEMEN ISLAND.

DIRECTION AND FORCE OF THE WIND.

1843, 1844, 1845, 1846, 1847, AND 1848.

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
JANUARY.	1	—	—	—	—	—	—	—	—	—	—	—	
	2	E.S.E.	5	S.S.E.	5	S.E.	5	S.E.	5	S.E.	5	S.E.	4
	3	S.E.	4	S.E.	4	S.E.	4	S.E.	5	S.E.	5	S.E. by S.	5
	4	E.S.E.	4	S.E. by S.	4	N.E.	4	E. by N.	3	E. by N.	3	S.E.	5
	5	E. by S.	2	S.E.	3	S.E.	3	S.E. by S.	4	S.E. by S.	4	S.E. by S.	3
	6	N.N.W.	2	N.N.W.	2	S.E.	2	S.W.	2	W.S.W.	2	N.W.	3
	7	S.E.	3	S.E.	5	S.E.	5	S.E.	5	S.E.	5	S.E.	5
	8	—	—	—	—	—	—	—	—	—	—	—	—
	9	S.E. by S.	4	S.E.	4	S.E. by S.	4	S.E. by S.	4	S.E. by S.	4	S.E.	5
	10	N.W.	5	N.W.	4	S.	2	N.W. by W.	5	N.W.	5	N.W. by N.	5
	11	N.N.W.	3	Calm.	—	S.E. by S.	2	S.E.	4	S.E.	4	S.E. by S.	3
	12	S.E.	4	S.E.	4	S.E.	4	S.E.	5	S.E.	5	S.E.	5
	13	N.W.	2	N.W.	2	N.W.	2	N.W.	2	N.W. by N.	2	N.W.	2
	14	S.	5	S.	5	S.S.E.	6	S.S.E.	6	S.S.E.	6	S.S.E.	6
	15	—	—	—	—	—	—	—	—	—	—	—	—
	16	S.E.	5	S.E.	5	S.E. by S.	6	S.E.	6	S.E. by S.	5	S.E. by S.	5
	17	S.E.	3	S.E.	2	S.E.	2	S.E.	2	S.E.	2	S.E.	2
	18	E.S.E.	5	E.S.E.	5	S.E.	5	S.E.	5	S.E.	6	S.E.	5
	19	N. by W.	4	S.E.	4	S.E.	4	S.E.	4	S.E.	4	S.E.	2
	20	W. by S.	4	S.E.	4	S.E.	4	E.S.E.	3	S.E.	2	N.W.	5
	21	N.W.	4	N.W.	6	N.W.	6	N.W.	6	N.W.	6	N.W.	6
	22	—	—	—	—	—	—	—	—	—	—	—	—
	23	E.S.E.	3	S.E.	2	S.S.E.	4	S.S.E.	4	S.S.E.	4	S.S.E.	4
	24	N.N.W.	1	N.W.	4	N. by W.	4	N. by W.	4	S.E.	4	S.S.E.	4
	25	N. by W.	6	N.W. by N.	7	N.W.	9	N.W.	9	N.W.	9	N.N.W.	8
	26	N.E.	2	S.E.	5	S.E.	5	S.S.E.	4	S.E.	5	S.E. by S.	3
	27	S.E.	4	S.E.	5	S.E.	5	S.E.	5	S.E.	5	S.E.	5
	28	S.E.	5	N.	3	S.	5	S.E. by E.	5	E.N.E.	2	E.N.E.	1
	29	—	—	—	—	—	—	—	—	—	—	—	—
	30	N.N.W.	5	N.N.W.	5	N.N.W.	5	S.W.	5	S.W.	5	S.W. by W.	4
	31	S.E.	5	S.E.	5	S.E.	5	S.E.	5	S.E.	5	S.E.	5

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
JANUARY.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	3	S.S.E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	S.E.	2
	4	N. by E.	2	N.	2	N.	2	N.	1	N.	1	N.	4
	5	N.W. by W.	3	W.N.W.	4	W.N.W.	4	N.W.	4	N.W.	4	N.W.	5
	6	S.E.	2	Calm.	—	S.E.	2	S.E.	2	S.E.	2	S.E.	2
	7	—	—	—	—	—	—	—	—	—	—	—	—
	8	S.E.	3	S.	4	S.	5	S.	5	S.S.W.	4	S.S.W.	4
	9	N.N.W.	2	W.N.W.	4	W.N.W.	2	W.N.W.	1	N.W.	1	N.W.	3
	10	N.W. by W.	5	N.W. by W.	5	N.W.	4	N.W.	3	N.W.	3	N.W.	2
	11	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	W.	2
	12	Calm.	—	N.	3	N.	4	N.W.	4	N.W.	5	N.W.	4
	13	N.N.E.	1	N.N.E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	14	—	—	—	—	—	—	—	—	—	—	—	—
	15	Calm.	—	Calm.	—	N.N.E.	1	N.N.E.	2	Calm.	—	Calm.	—
	16	S.E. by S.	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	17	N.N.W.	3	Calm.	—	Calm.	—	Calm.	—	N.N.W.	2	N.N.W.	1
	18	S.S.E.	2	S.S.E.	1	Calm.	—	S.S.E.	2	N.N.W.	4	N.N.W.	4
	19	N.W.	4	N.W.	5	N.W.	5	N.W. by W.	5	N.W.	5	N.N.W.	5
	20	S.S.E.	1	S.S.E.	1	Calm.	—	S.E.	2	S.E.	2	S.E.	2
	21	—	—	—	—	—	—	—	—	—	—	—	—
	22	—	—	S.	2	Calm.	—	N.N.W.	2	N.N.W.	2	N.N.W.	2
	23	Calm.	—	N. by W.	2	N. by W.	1	N.W.	4	N.W.	4	N.W.	2
	24	N.W.	3	N.W.	5	N.W.	5	N.W.	5	N.W.	5	N.W.	6
	25	N.W. by N.	6	N.W.	5	N.N.W.	5	N.N.W.	5	N.W.	6	N.W.	4
	26	Calm.	—	N.W. by N.	2	N.W. by N.	3	N.W.	3	N.W.	1	W.N.W.	2
	27	S.E.	1	S.E.	2	S.E.	1	S.E.	2	S.E.	1	S.E.	2
	28	—	—	—	—	—	—	—	—	—	—	—	—
	29	Calm.	—	Calm.	—	Calm.	—	Calm.	—	S.E.	1	N.W. by N.	4
	30	S.	1	S. by W.	4	S.	4	S.	2	S.S.W.	4	S.W.	3
	31	S.E.	2	Calm.	—	N.N.E.	2	Calm.	—	Calm.	—	N.N.W.	2

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
—	—	—	—	—	—	—	—	—	—	—	—	1
S.E.	5	S.E. by E.	4	S.E. by E.	2	S.E.	3	S.E.	2	S.E.	2	2
S.S.E.	5	S.S.E.	2	S.S.E.	2	S.S.E.	1	S.S.E.	2	S.S.E.	2	3
E. by N.	2	E.N.E.	2	E.N.E.	2	Calm.	—	E. by N.	2	N.N.E.	2	4
S.E.	2	S.E. by S.	1	Calm.	—	Calm.	—	Calm.	—	N.W.	2	5
E. by N.	3	S.E.	2	Calm.	—	Calm.	—	S.E.	2	S.E.	2	6
S.E.	5	S.E.	5	S.E.	5	S.E.	4	Calm.	—	Calm.	—	7
—	—	—	—	—	—	—	—	—	—	—	—	8
S.E.	5	S.E.	3	S.E.	1	Calm.	—	Calm.	—	Calm.	—	9
N.N.W.	5	N.W.	5	N.W.	5	N.W.	5	N.W.	5	N.W. by N.	5	10
S.E. by S.	3	S.E. by S.	3	S.E. by S.	3	S.E. by S.	2	S.E.	1	S.E. by S.	2	11
S.E.	5	Calm.	—	Calm.	—	S.E.	1	Calm.	—	Calm.	—	12
E.S.E.	3	E.S.E.	3	Calm.	—	S.E. by E.	2	E. by N.	1	N.E. by N.	1	13
S.S.E.	6	S.E. by S.	5	S.S.E.	6	S.S.E.	6	S.E. by S.	4	S.E. by S.	4	14
—	—	—	—	—	—	—	—	—	—	—	—	15
S.E. by S.	5	S.S.E.	3	Calm.	—	S.E. by S.	2	S.E. by S.	3	S.E. by S.	1	16
Calm.	—	S.E.	1	S.E.	1	Calm.	—	Calm.	—	N.N.W.	2	17
S.E. by S.	5	S.E. by S.	5	S.E. by S.	3	S.E. by S.	3	S.S.E.	3	S.S.E.	3	18
S.E.	2	S.E. by S.	2	N.W.	2	Calm.	—	N.W.	5	N.N.W.	2	19
Very variable.	—	N.W.	4	S.S.W.	4	S.W.	2	S.W.	1	S.S.E.	1	20
N.N.W.	5	N.W.	5	N.W.	5	W.S.W.	5	W.S.W.	5	W.S.W.	5	21
—	—	—	—	—	—	—	—	—	—	—	—	22
S.E.	2	S.E. by S.	3	S.E.	1	Calm.	—	Calm.	—	Calm.	—	23
S.S.E.	4	S.E.	4	S.E.	4	S.E.	2	S.E.	1	S.E.	1	24
N.N.W.	6	N.N.W.	6	N. by W.	5	N.W.	5	N.W.	4	N.W.	4	25
S.S.E.	4	S.E. by S.	3	S.E. by S.	3	S.E. by S.	3	S.E.	1	Calm.	—	26
S.E.	5	S.E.	4	S.E.	3	S.E.	2	S.E.	2	S.E.	2	27
N.	2	W.S.W.	1	S.S.W.	1	N. by W.	2	S.E.	1	E.N.E.	2	28
—	—	—	—	—	—	—	—	—	—	—	—	29
S.W. by N.	4	S.W. by W.	4	S.W.	3	W.S.W.	3	W.S.W.	3	W.N.W.	4	30
S.E.	5	S.E.	4	S.E.	4	S.E.	2	S.E.	2	S.E.	1	31

JANUARY.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
Calm.	—	Calm.	—	S.E. by S.	4	S.E. by S.	2	S.E. by S.	3	North.	4	1
Calm.	—	Calm.	—	S.E. by S.	2	Calm.	—	S.E.	1	S.E.	2	2
N.N.W.	1	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.W.	2	N.W.	2	3
North.	3	N.N.W.	2	N.W.	3	N.W. by N.	2	N.W. by N.	2	E. by N.	2	4
N.W.	5	N.W.	4	N.N.W.	5	N.W.	3	N.W.	1	N.W. by N.	2	5
N.E.	—	East.	1	N.E. by E.	1	East.	2	Calm.	—	S.E.	2	6
—	—	—	—	—	—	—	—	—	—	—	—	7
South.	4	S. by W.	4	S. by W.	3	S. by W.	2	S. by W.	2	S.S.W.	2	8
N.W.	4	N.W.	3	N.W.	4	N.N.W.	4	N.N.W.	3	N.N.W.	4	9
N.W.	2	N.W.	2	N.W.	2	N.N.W.	4	N.W.	3	N.N.W.	3	10
Calm.	—	Calm.	—	S.W. by S.	2	S.E.	4	S.E.	4	S.E. by S.	4	11
N.W.	4	N.W.	4	Calm.	—	N.W.	2	N.W.	2	N.W.	4	12
N.N.W.	1	Calm.	—	Calm.	—	W.N.W.	2	E.N.E.	4	S.S.E.	5	13
—	—	—	—	—	—	—	—	—	—	—	—	14
Calm.	—	Calm.	—	S.E.	2	S.E.	4	S.E.	6	S.E.	4	15
S.S.E.	1	S.S.E.	1	S.S.E.	1	S.E. by S.	1	E.S.E.	2	S.E.	3	16
Calm.	—	N.N.W.	2	S.E. by E.	4	S.E.	3	S.E. by S.	3	E.	3	17
N.N.W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	4	N.N.W.	4	N.N.W.	5	18
N.N.W.	4	N.N.W.	3	N.N.W.	3	N.N.W.	5	N.N.W.	5	N. by W.	4	19
N.W. by W.	3	N.N.W.	4	N.N.W.	4	N.N.W.	4	N.W.	5	W.N.W.	5	20
—	—	—	—	—	—	—	—	—	—	—	—	21
N.N.W.	5	N.N.W.	5	N.N.W.	4	E.S.E.	2	E.S.E.	2	E.	2	22
N.W.	4	N.W. by N.	4	N.N.W.	4	N.N.W.	4	N.N.W.	2	N.N.W.	2	23
N.W.	6	N.W.	3	N.W.	3	Calm.	—	N.W.	2	N.W.	6	24
N.W.	3	N.N.W.	3	N.W.	5	N.W. by N.	2	N. by W.	2	E.N.E.	2	25
W.N.W.	1	W.N.W.	2	W.N.W.	1	Calm.	—	E.	1	S.E. by E.	3	26
N.N.E.	1	N.N.E.	1	Calm.	—	Calm.	—	E.S.E.	1	S.E.	2	27
—	—	—	—	—	—	—	—	—	—	—	—	28
N.W. by N.	1	N.W.	3	N. by W.	4	N.N.W.	3	N.N.W.	3	N.N.W.	4	29
S.W.	4	S.W.	3	S.	4	S.E.	2	S.S.E.	3	S.E.	2	30
—	—	N.N.W.	4	N.N.W.	5	N. by W.	2	N.	2	E. by S.	3	31

JANUARY.

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4.		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
FEBRUARY.	1	E.S.E.	4	S.E.	4	S.E.	4	S.E.	4	S.E.	4	S.E.	2
	2	N.N.W.	2	N.N.W.	2	N.N.W.	1	Calm.	—	S.E.	2	S.E.	2
	3	S.E.	5	S.E.	4	S.E.	5	S.E. by S.	4	S.E. by S.	4	S.E. by S.	3
	4	E.S.E.	2	S.E.	2	S.E.	2	S.E.	2	S.E.	2	S.E.	2
	5	—	—	—	—	—	—	—	—	—	—	—	—
	6	N.W.	5	N.W. by N.	5	N.W. by W.	5	N. by W.	3	S.E. by S.	5	S.S.E.	5
	7	S.E.	4	S.E.	4	S.E.	4	S.E.	4	S.E.	4	S.E.	4
	8	S.S.E.	1	S.S.E.	2	S.S.E.	3	S.S.E.	3	S.E.	3	S.E.	3
	9	S.E.	5	S.E.	6	S.E.	6	S.E. by S.	6	S.E. by S.	6	S.E.	5
	10	S.E.	5	S.E.	6	S.E.	6	S.E.	6	S.E.	5	S.E.	5
	11	Calm.	—	Calm.	—	S.E.	4	S.E.	4	S.E.	4	S.E.	4
	12	—	—	—	—	—	—	—	—	—	—	—	—
	13	N.W. by W.	5	N.W. by N.	5	N.W. by N.	5	N.W. by N.	5	N.W. by N.	4	N.N.W.	2
	14	N.N.W.	4	N.W.	5	N.W.	5	N.N.W.	5	N.W.	5	N.N.W.	4
	15	W.S.W.	4	S.W.	5	W.	5	S.S.E.	2	W. by S.	2	W.S.W.	2
	16	N.N.W.	6	N.N.W.	6	N.N.W.	6	N.W.	5	N.W.	2	N.W.	3
	17	S.E.	1	S.E.	1	S.E.	2	S.E.	4	S.E.	5	S.E.	4
	18	S.E.	3	S.E.	5	S.E. by S.	4	S.E. by S.	4	S.E. by S.	4	S.E. by S.	4
	19	—	—	—	—	—	—	—	—	—	—	—	—
	20	S.E.	4	S.E.	6	S.E.	5	S.E.	6	S.E.	6	S.E.	5
	21	S.E.	2	S.E.	2	E.S.E.	4	S.E. by E.	4	S.E. by E.	4	S.E. by E.	4
	22	E.S.E.	3	S.E.	3	S.E.	4	S.E.	4	S.E.	4	S.E.	4
	23	S.E.	4	S.E.	5	S.E.	5	S.E.	5	S.E.	5	S.E.	2
	24	N.	2	N.N.W.	3	E.N.E.	4	N.N.W.	4	E.S.E.	4	S.	3
	25	N.N.W.	2	N.W.	2	N. by W.	2	E. by S.	2	E.	2	E.	2
	26	—	—	—	—	—	—	—	—	—	—	—	—
	27	W.	5	W.	4	W.S.W.	4	W.N.W.	4	W. by N.	4	W.	4
	28	W.	5	S.W. by S.	5	W.S.W.	5	W.S.W.	4	W.N.W.	3	N.W.	4

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
FEBRUARY.	1	Calm.	—	N.W.	4	N.W.	4	N.W.	5	N.W.	5	N.W.	5
	2	Calm.	—	S.E.	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	3	Calm.	—	Calm.	—	N.N.W.	3	N.N.W.	3	N.N.W.	5	N.N.W.	5
	4	—	—	—	—	—	—	—	—	—	—	—	—
	5	N.W.	8	N.W. by N.	6	N.W.	6	W.N.W.	6	N.W. by N.	6	N.W.	4
	6	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	7	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	8	Calm.	—	S.S.E.	2	Calm.	—	Calm.	—	S.E. by S.	1	Calm.	—
	9	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.N.W.	1	Calm.	—
	10	Calm.	—	S.S.E.	2	Calm.	—	S.W.	2	S.W.	1	Calm.	—
	11	—	—	—	—	—	—	—	—	—	—	—	—
	12	N.W.	4	N.W.	6	N.W.	7	N.W.	7	N.W.	7	N.N.W.	5
	13	N.N.W.	1	N.W.	2	N.W.	1	N.W.	4	N.W.	5	N.W.	5
	14	N.N.W.	5	N.N.W.	5	N.N.W.	6	N.N.W.	6	N.W.	5	N.	6
	15	N.W. by N.	6	N.W. by N.	6	N.W. by N.	4	W.N.W.	2	N.W.	4	N.N.W.	5
	16	N.W.	4	N.N.W.	4	N.N.W.	4	N.N.W.	2	N.N.W.	2	N.W. by N.	2
	17	Calm.	—	Calm.	—	S.E. by E.	1	S.E. by E.	2	S.E. by E.	1	S.E. by E.	1
	18	—	—	—	—	—	—	—	—	—	—	—	—
	19	Calm.	—	Calm.	—	Calm.	—	S.E.	1	S.E.	1	Calm.	—
	20	N.W.	1	N.W.	2	N.W.	1	Calm.	—	N.	1	Calm.	—
	21	N.E.	1	N.E.	3	N. by W.	2	N. by W.	2	Calm.	—	Calm.	—
	22	Calm.	—	S.S.E.	2	S.S.E.	2	S.S.E.	2	Calm.	—	Calm.	—
	23	Calm.	—	N.N.W.	4	N.W. by N.	5	N.W.	4	N.N.W.	4	N.N.W.	4
	24	N.W.	4	W. by S.	4	Calm.	—	Calm.	—	Calm.	—	W. by N.	2
	25	—	—	—	—	—	—	—	—	—	—	—	—
	26	S.S.W.	5	S.W.	4	S.W.	4	W. by S.	5	N.W.	4	N.W.	4
	27	N.W.	4	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	28	N.W.	3	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
S.E.	2	S.E.	2	S.E. by S.	2	S.E. by S.	2	Calm.	—	Calm.	—	1
S.E.	2	S.E.	4	S.E.	4	S.E.	2	Calm.	—	Calm.	—	2
S.E. by S.	3	S.E. by S.	3	S.E.	2	S.E. by S.	1	S.E. by S.	1	S.E. by S.	1	3
Calm.	—	Calm.	—	S.E.	1	Calm.	—	N.W.	6	N.N.W.	8	4
—	—	—	—	—	—	—	—	—	—	—	—	5
S.S.E.	5	S.S.E.	4	S.S.E.	2	S.S.E.	1	Calm.	—	Calm.	—	6
S.E.	4	S.E.	2	S. by E.	3	S.S.E.	3	Calm.	—	Calm.	—	7
S.E.	3	S.E.	3	S.E.	2	Calm.	—	Calm.	—	Calm.	—	8
S.S.E.	2	S.S.E.	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—	9
S.E.	5	S.E.	5	S.E.	4	S.E.	2	S.E.	1	S.E.	1	10
S.E.	4	S.E.	4	S.S.E.	3	S.S.E.	3	S.S.E.	2	S.S.E.	1	11
—	—	—	—	—	—	—	—	—	—	—	—	12
Calm.	—	N.W.	2	N.E.	4	S.E.	4	E.N.E.	3	E.N.E.	1	13
N.N.W.	5	N.N.W.	4	N.N.W.	4	N.N.W.	5	N.N.W.	4	N.N.W.	5	14
N.W.	4	N.N.W.	1	N.W.	4	N.W. by N.	3	N.W. by N.	5	N.W.	5	15
N.W.	3	N.W.	3	N.W.	5	N.W.	3	N.W.	3	N.W.	3	16
S.E.	5	S.E.	4	S.E.	2	S.E.	2	S.E.	2	S.E.	2	17
S.E. by S.	4	S.E.	1	S.E.	1	S.E. by E.	2	S.E. by E.	1	Calm.	—	18
—	—	—	—	—	—	—	—	—	—	—	—	19
S.E.	5	S.E.	3	S.E.	3	S.E.	2	N.W.	1	N.W.	2	20
S.E. by E.	4	S.E.	4	S.E.	2	Calm.	—	S.E.	1	E. by S.	2	21
S.E.	4	S.S.E.	5	S.S.E.	4	S.S.E.	3	Calm.	—	S.S.E.	2	22
S.E.	2	S.E.	2	Calm.	—	S.S.E.	2	S.S.E.	1	Calm.	—	23
S.E.	1	S.E.	2	S.E.	2	S.	1	N.W.	2	N.W.	4	24
Calm.	—	E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	25
—	—	—	—	—	—	—	—	—	—	—	—	26
W.	4	N.W.	4	W.N.W.	5	N.W.	5	N.W.	5	N.W.	5	27
N.W.	4	N.W.	5	N.N.W.	5	N.W.	5	N.W.	5	N.W.	5	28

FEBRUARY.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.W. by W.	5	N.W. by W.	5	N.W. by N.	5	N.W. by N.	5	N.W.	4	N.W.	4	1
S.E.	1	S.E.	3	S.E.	2	S.E.	2	S.E.	2	S.E.	4	2
N.N.W.	5	N.W.	4	N.W.	4	E.	2	E. by S.	2	E. by S.	2	3
—	—	—	—	—	—	—	—	—	—	—	—	4
N.W.	4	N.W.	4	N.W.	4	N.W.	4	N.W.	4	N.W.	4	5
Calm.	—	Calm.	—	Calm.	—	S.S.E.	2	E.S.E.	4	S.E.	3	6
Calm.	—	N.W. by W.	3	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	7
Calm.	—	Calm.	—	S.E. by E.	2	S.E. by E.	2	S.E.	4	S.E.	5	8
N.N.W.	2	N.W.	2	Calm.	—	N.W. by N.	2	E. by S.	2	S.E. by E.	3	9
S.E.	1	S.E.	2	S.E.	1	S.E.	2	Calm.	—	Calm.	—	10
—	—	—	—	—	—	—	—	—	—	—	—	11
N.N.W.	6	N.N.W.	6	N.N.W.	6	N.N.W.	5	N.N.W.	5	N.N.W.	6	12
N.W.	5	N.W.	4	N.N.W.	2	N.N.W.	1	N.N.W.	4	N.N.W.	4	13
N.	6	N.N.W.	4	N.N.W.	4	N.N.W.	2	N.N.W.	2	N.N.W.	2	14
N.N.W.	6	N.N.W.	6	N.N.W.	6	N.N.W.	5	N. by W.	5	N. by W.	5	15
N.W. by N.	2	N.W.	3	N.W.	2	N.W.	2	N.W.	2	N.W.	2	16
S.E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	17
—	—	—	—	—	—	—	—	—	—	—	—	18
N. by W.	2	N. by W.	2	N. by W.	2	Calm.	—	Calm.	—	S.E.	1	19
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	20
N.N.W.	4	N.N.W.	4	N.N.W.	5	N.N.W.	5	N.	4	N.	2	21
S.E. by S.	1	W.	1	W.N.W.	2	E.S.E.	1	E.S.E.	1	E.S.E.	1	22
N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	4	N.N.W.	2	N.	2	23
W. by N.	1	W. by N.	1	Calm.	—	Calm.	—	N.W. by N.	2	N.N.W.	4	24
—	—	—	—	—	—	—	—	—	—	—	—	25
W.S.W.	3	W.S.W.	3	W.S.W.	3	W.S.W.	3	W.N.W.	5	W.	5	26
N. by W.	1	N.W.	2	N.W.	2	W. by S.	5	W.N.W.	3	N.E.	4	27
N.	1	N.	1	N. by W.	4	N. by W.	4	N. by W.	4	N. by W.	4	28

FEBRUARY.

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
MARCH.	1	N.N.W.	4	N.W. by W.	4	N.W. by W.	4	N.W.	4	N.W.	5	N.W.	4
	2	N.W.	6	N.W.	5	N.W.	5	N.W.	5	N.W. by W.	5	N.W.	5
	3	S.E.	4	W.N.W.	3	Calm.	—	N.N.W.	5	N.N.W.	5	N.N.W.	5
	4	N.N.W.	5	N.W.	5	N.W.	6	N.W.	5	N.W.	5	N.W.	5
	5	—	—	—	—	—	—	—	—	—	—	—	—
	6	N.E.	2	N.E.	2	S.E.	4	S.E.	4	S.E.	4	S.E. by S.	4
	7	Calm.	—	Calm.	—	S.E.	6	S.E.	6	S.E.	6	S.E.	4
	8	N.W.	5	N.W.	6	N.W.	6	N.W. by N.	6	N.W. by N.	6	N.W.	5
	9	N.W. by W.	5	N.W. by N.	6	N.W. by N.	6	N.W. by W.	5	N.W. by W.	5	N.W. by N.	5
	10	W. by N.	9	W. by N.	9	N.W.	9	N.W.	10	N.W.	10	N.N.W.	6
	11	W.S.W.	6	W.N.W.	5	W.S.W.	6	W.N.W.	6	S.W. by W.	6	W. by S.	6
	12	—	—	—	—	—	—	—	—	—	—	—	—
	13	Calm.	—	S.E.	6	S.E.	6	S.E.	6	S.S.E.	4	S.W.	5
	14	S.E.	2	N.	4	E.S.E.	4	E.S.E.	4	E. by S.	1	W. by N.	2
	15	E. by S.	4	E. by S.	4	S.S.E.	2	S.S.E.	4	S.S.E.	4	S.S.E.	4
	16	Calm.	—	N.N.W.	2	N.N.W.	1	N. by E.	4	N. by E.	4	N. by E.	4
	17	N.N.W.	6	N.N.W.	6	N.N.W.	6	N.N.W.	6	N.N.W.	6	N.N.W.	8
	18	S.E.	2	S.W.	2	S.W.	2	S.S.E.	2	S.S.E.	3	S.S.E.	3
	19	—	—	—	—	—	—	—	—	—	—	—	—
	20	S.S.E.	4	S.E.	4	S.E.	5	S.E.	5	S.S.E.	4	S.S.E.	2
	21	S.S.E.	2	S.S.E.	2	S.S.E.	2	S.S.E.	2	S.S.E.	2	E.	2
	22	N.E.	1	S.E.	2	E.S.E.	4	S.E.	4	S.E.	2	S.E.	2
	23	N.W. by N.	4	N.N.W.	4	Calm.	—	N.	5	N.	5	N.	5
	24	S.E.	4	S.E.	2	S.E.	2	S.E.	2	E.	1	N.N.W.	1
	25	N.W.	5	N.W.	6	N.N.W.	5	N.N.W.	5	N.N.W.	5	N.W.	6
	26	—	—	—	—	—	—	—	—	—	—	—	—
	27	S.E. by E.	4	S.E. by E.	4	S.E.	4	S.E.	4	S.E.	4	S.E.	4
	28	N.N.W.	2	N.N.W.	5	N.N.W.	5	N.N.W.	5	N.N.W.	6	N.N.W.	6
	29	N.N.W.	6	N.W.	8	N.W. by N.	8	N.W. by N.	8	N.W. by N.	6	N.W.	3
	30	S.E.	4	S.S.E.	4	S.E.	3	S.E.	3	S.E.	3	S.E.	2
	31	S.E.	5	S.S.E.	5	S.S.E.	4	S.S.E.	4	S.S.E.	4	S.S.E.	4

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
MARCH.	1	N.W.	4	N.W.	4	N.N.W.	6	N.N.W.	6	N.N.W.	6	N.N.W.	10
	2	S.E.	6	S.S.E.	5	S.S.E.	5	S.S.E.	5	S.S.E.	2	Calm.	—
	3	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	4	N.N.W.	4	N.W.	5
	4	—	—	—	—	—	—	—	—	—	—	—	—
	5	—	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	W.N.W.	2
	6	Calm.	—	W.N.W.	2	W.N.W.	4	N.W.	5	N.W.	5	N.N.W.	5
	7	Calm.	—	S.E.	2	S.E.	1	N. by E.	2	E.	1	Calm.	—
	8	N.N.E.	4	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.N.W.	2
	9	N.N.W.	8	N.N.W.	6	N.N.W.	6	N.W.	5	N. by W.	7	N.W.	5
	10	N.W.	9	W.N.W.	8	W.N.W.	8	N.W.	8	N.W.	8	N. by E.	3
	11	—	—	—	—	—	—	—	—	—	—	—	—
	12	N.W.	5	N.N.W.	5	N.N.W.	5	N.N.W.	4	N.N.W.	4	N.W. by N.	5
	13	N.W.	1	N.W.	1	N.W.	1	N.W.	1	N.W.	1	N.W.	1
	14	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	15	Calm.	—	S.E.	2	S.E.	1	N.W.	2	N.W.	4	N.W.	4
	16	N.N.W.	4	N.N.W.	5	N.W. by N.	5	N.N.W.	5	N.N.W.	5	N.W.	5
	17	N.N.W.	6	N.W.	6	N.N.W.	5	N.N.W.	5	N.N.W.	5	N.W.	5
	18	—	—	—	—	—	—	—	—	—	—	—	—
	19	S.E.	1	S.E.	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	20	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.W.	1	S.E.	1
	21	N. by W.	4	N. by W.	4	N. by W.	4	Calm.	—	Calm.	—	Calm.	—
	22	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.N.W.	5	N.W.	5
	23	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.W.	2	N.W.	5
	24	N.W.	3	N.W.	4	N.W.	4	N.W.	4	N.W.	4	N.W.	4
	25	—	—	—	—	—	—	—	—	—	—	—	—
	26	S.W.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	S.W.	2
	27	Calm.	—	N. by E.	2	N. by E.	1	N. by E.	2	Calm.	—	N.N.W.	2
	28	N.N.W.	6	N.N.W.	6	N.W.	6	N.W.	5	N.W.	2	N.W.	2
	29	S.E.	1	Calm.	—	S.E.	1	S.E.	1	S.E.	1	S.E.	1
	30	N.N.W.	5	N. by W.	2	N. by W.	2	Calm.	—	Calm.	—	Calm.	—
	31	Calm.	—	Calm.	—	N.N.W.	2	N.W. by N.	4	N.W. by N.	4	N.N.W.	2

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.W. by N.	4	N.W.	2	N.W.	2	N.W.	2	N.W.	5	N.W.	5	1
W.N.W.	4	W.	4	W.N.W.	2	Calm.	—	S.W.	1	S.E.	5	2
N.W.	5	W.N.W.	6	N.W.	6	N.W.	6	N.W.	6	N.W.	2	3
N.W.	5	N.W.	4	N.W.	4	N.W.	4	N.W.	5	N.W.	5	4
—	—	—	—	—	—	—	—	—	—	—	—	5
S.E. by S.	4	S.E.	3	S.E.	2	S.E.	2	Calm.	—	Calm.	—	6
S.E.	4	S.E.	2	Calm.	—	S.S.E.	2	S.S.E.	1	S.S.E.	2	7
N.W.	4	N.W.	4	N.W.	4	N.W.	1	N.W.	4	N.W.	1	8
N.W.	4	N.W.	4	N.W.	4	N.W.	4	N.W.	5	N.N.W.	5	9
N.N.W.	6	N.N.W.	6	N.N.W.	8	N.N.W.	9	N.W.	9	N.W.	8	10
S.W. by W.	4	W.	3	—	—	N.W. by N.	2	N.W. by W.	2	W. by N.	4	11
—	—	—	—	—	—	—	—	—	—	—	—	12
W. by S.	2	Calm.	—	Calm.	—	Calm.	—	W.	1	W.	2	13
S.W.	4	S.W.	4	S.W.	2	S.W.	1	S.W.	1	S.W.	2	14
S.S.E.	4	S.S.E.	1	S.S.E.	1	S.S.E.	1	Calm.	—	Calm.	—	15
N. by E.	5	N. by E.	2	N. by W.	2	N. by W.	2	N.W.	5	N.W.	5	16
N.N.W.	8	N.W.	6	N.W.	6	N.W. by N.	6	N.W. by N.	5	N.W. by N.	5	17
S.S.E.	3	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	18
—	—	—	—	—	—	—	—	—	—	—	—	19
S.E.	4	S.S.E.	4	S.S.E.	4	S.S.E.	1	S.S.E.	1	Calm.	—	20
N. by E.	1	N.	2	N.	1	N. by W.	2	Calm.	—	N.	2	21
S.E.	2	S.E.	1	S.E.	1	S.E.	1	Calm.	—	Calm.	—	22
N.	5	N.N.W.	5	N.N.W.	5	N.N.W.	4	N.N.W.	5	N.	1	23
N. by W.	2	N.N.W.	5	N.N.W.	5	N.W.	4	N.W.	4	N.W.	4	24
N.W. by N.	6	N.W. by N.	6	N.W.	6	N.W.	6	N.W.	6	N.W.	6	25
—	—	—	—	—	—	—	—	—	—	—	—	26
S.E.	3	S.E.	1	S.E.	1	Calm.	—	Calm.	—	Calm.	—	27
N.N.W.	6	N.N.W.	6	N.W.	6	N.W.	6	N.W.	6	N.N.W.	5	28
N.W.	8	N.W.	6	N.W.	2	S.E.	5	S.E.	4	S.E.	4	29
S.E.	2	S.E.	2	S.E.	1	N.W.	3	N.W.	5	N.N.W.	4	30
S.S.E.	4	S.S.E.	4	S.S.E.	3	S.S.E.	2	Calm.	—	Calm.	—	31

MARCH.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N. N.	9	N.N.W.	9	N.W.	8	N.W.	8	N.W.	6	N.W.	5	1
W.N.W.	1	W.N.W.	2	E.N.E.	1	N. by E.	2	N.	4	N. by W.	4	2
N.W.	4	N.W. by N.	3	N.N.W.	4	N.N.W.	2	N.N.W.	2	N.N.W.	2	3
—	—	—	—	—	—	—	—	—	—	—	—	4
W.N.W.	1	W.N.W.	2	E.S.E.	1	N.	2	E.N.E.	1	N.W. by N.	4	5
N.W.	5	N.W.	5	N.W.	5	N.W.	5	N.W.	5	Calm.	—	6
Calm.	—	Calm.	—	N.N.W.	2	N.W.	2	N.N.W.	5	N.W.	5	7
N.N.W.	2	N.N.W.	2	N.N.W.	2	N.W. by N.	4	N. by W.	1	N.W.	4	8
N.W. by N.	5	N.W. by W.	5	N.W. by W.	5	N.N.W.	6	W.N.W.	8	W.N.W.	8	9
N.	3	N.	3	N.N.W.	3	N.W.	4	W.N.W.	4	N.W.	1	19
—	—	—	—	—	—	—	—	—	—	—	—	11
N.W.	5	N.W.	5	N.W.	5	N.N.W.	3	N.E.	1	Calm.	—	12
N.N.W.	2	N.N.W.	3	N.N.W.	3	N.W.	5	N.N.W.	4	E.S.E.	2	13
N.W.	2	N.W.	4	N.W.	4	N.W.	4	N.W.	4	N.E.	2	14
N.W.	5	N.W.	4	N.W.	4	N.W.	3	N.N.W.	3	N.N.W.	3	15
N.W.	5	N.N.W.	6	N.N.W.	5	N.N.W.	5	N.N.W.	6	N.N.W.	7	16
Calm.	—	Calm.	—	S.S.E.	4	S.E. by S.	4	S.E.	4	S.E.	4	17
—	—	—	—	—	—	—	—	—	—	—	—	18
Calm.	—	N.W.	1	N.W.	1	N.W.	1	N.N.E.	2	N.N.E.	2	19
Calm.	—	Calm.	—	Calm.	—	Calm.	—	S.E. by S.	1	S.E.	2	20
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	21
N.W.	6	N.W.	6	N.W.	5	N.W.	5	N.N.W.	5	N.N.W.	5	22
S.E.	4	S.E. by S.	5	S.E.	4	S.E.	4	S.E. by S.	4	S.E. by S.	4	23
N.W.	4	N.W.	5	N.W.	5	N.W.	5	N.N.W.	4	N.N.W.	4	24
—	—	—	—	—	—	—	—	—	—	—	—	25
S.S.E.	5	S.S.E.	4	S.S.E.	4	S.E. by S.	4	S.E. by S.	4	S.E. by S.	4	26
N.N.W.	2	N.N.W.	2	N.W. by N.	2	N.N.W.	4	N.N.W.	4	N.N.W.	4	27
N.W.	4	N.W.	3	N.W.	5	N.N.W.	5	N.W.	6	N.N.W.	6	28
S.E.	1	Calm.	—	Calm.	—	S.E.	2	S.E.	1	S.E.	2	29
E. by S.	2	N.W. by N.	4	N. by W.	4	N. by W.	4	N. by W.	1	S.E.	4	30
N.N.W.	2	N.N.W.	2	N.N.W.	1	N.N.W.	4	N.N.W.	4	N.N.W.	5	31

MARCH.

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
APRIL.	1	S.E.	4	S.E. by E.	5	S.E. by E.	5	S.E. by E.	5	S.E.	4	S.E.	4
	2	—	—	—	—	—	—	—	—	—	—	—	—
	3	W.N.W.	4	W.N.W.	4	N.W.	3	N.N.W.	2	N.N.W.	2	N.N.W.	1
	4	Calm.	—	E.S.E.	4	E.S.E.	4	E.S.E.	4	E.S.E.	4	S.E.	4
	5	Calm.	—	S.E.	4	S.S.W.	2	S.E. by S.	6	S.S.E.	6	S.E. by E.	6
	6	N. by W.	2	N.W.	2	N. by W.	2	S.E.	2	S.E.	1	S.E.	2
	7	N.W.	2	N.N.W.	2	S.E.	5	S. E. by S.	4	S. E. by S.	2	S. E. by S.	2
	8	N.N.W.	5	N.W.	4	S.E.	1	S.E.	2	S.E.	2	S.E.	2
	9	—	—	—	—	—	—	—	—	—	—	—	—
	10	N.W.	4	N.W. by N.	2	S.E.	4	S.E.	4	S.E.	2	S.E.	2
	11	Calm.	—	S.E.	5	S.E.	4	S.E.	5	S.E.	5	S.E.	5
	12	N.	2	Calm.	—	N.	1	N.	2	N.	1	N.	2
	13	N.W.	4	N.N.W.	5	N.N.W.	6	N.W. by N.	6	N.W. by N.	6	N.W. by N.	6
	14	S.E.	4	S.E.	5	S.E.	5	S.E.	5	S.E.	5	S.E.	5
	15	W.N.W.	5	W.N.W.	5	W.N.W.	6	W.N.W.	9	W.N.W.	9	N.W.	6
	16	—	—	—	—	—	—	—	—	—	—	—	—
	17	N.W.	6	N.W.	6	N.N.W.	6	N.	7	N.	6	N.	6
	18	N.W. by N.	6	N.W. by N.	6	N.W. by N.	6	W.N.W.	5	W.N.W.	6	N. by W.	5
	19	Calm.	—	N.	4	N.W.	5	N.W. by N.	2	N.W. by N.	1	S.S.E.	2
	20	N.W.	4	N.W.	2	N.W.	5	N.W.	5	N.W.	6	N.W. by N.	5
	21	N.W. by W.	1	Calm.	—	Calm.	—	Ca m.	—	Calm.	—	—	—
	22	E.S.E.	1	E.S.E.	4	S. by W.	5	W.N.W.	2	N.W.	4	W.N.W.	5
	23	—	—	—	—	—	—	—	—	—	—	—	—
	24	W.	8	W.	8	W.	8	W.	5	W.	7	W.	5
	25	S. by W.	3	S.S.W.	5	S.W. by S.	5	S.S.W.	5	S.W.	5	S.	2
	26	S.S.W.	2	S.S.W.	2	S.S.W.	1	S.	2	S.W.	3	S.	1
	27	S.E.	2	S.E.	2	E.N.E.	1	E.N.E.	2	E.N.E.	1	Calm.	—
	28	N.W. by N.	1	E.	1	E.	1	E.	1	E.	1	E.	1
	29	N.N.W.	4	N.N.W.	4	N.N.W.	3	N.W.	2	N.W.	1	N.W.	2
	30	—	—	—	—	—	—	—	—	—	—	—	—

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
APRIL.	1	—	—	—	—	—	—	—	—	—	—	—	
	2	—	—	N. by E.	2	Calm.	—	W.N.W.	2	W.N.W.	2	N.W.	2
	3	N.N.W.	4	N.W.	4	N.W.	5	N.W.	5	N.W.	4	N.W.	2
	4	Calm.	—	S.S.E.	2	W.N.W.	4	N.W.	2	N.W.	1	Calm.	—
	5	S.E. by S.	1	Calm.	—	Calm.	—	Calm.	—	S.S.E.	2	Calm.	—
	6	S.E. by S.	1	N.W. by N.	4	N.W.	4	N.W.	2	N.W.	4	N.W.	3
	7	S.E. by S.	1	Calm.	—	N.W.	2	N.W.	2	N.N.W.	3	N.W.	1
	8	—	—	—	—	—	—	—	—	—	—	—	—
	9	N.W.	4	N.W.	5	N.W.	5	N.W.	5	N.W. by N.	5	N.W. by N.	5
	10	Calm.	—	S.E.	2	S.E.	1	S.E.	1	S.E.	3	S.E.	4
	11	S.S.E.	2	S.S.E.	2	S.S.E.	2	S.S.E.	2	S.S.E.	2	Calm.	—
	12	N.W.	2	N.W.	5	N.W.	5	N. by W.	4	N.W.	5	N.W.	5
	13	N.W.	6	W.N.W.	4	W.N.W.	2	Calm.	—	S.S.W.	3	S.S.W.	3
	14	Calm.	—	Calm.	—	Calm.	—	Calm.	—	S.W.	1	S.E.	2
	15	—	—	—	—	—	—	—	—	—	—	—	—
	16	—	—	N.E.	6	W.N.W.	4	N.N.E.	7	N.N.E.	6	S.E.	6
	17	N.W.	6	N.W.	6	N.W. by N.	6	W. by N.	6	W. by N.	6	W.	8
	18	N.W.	4	E.	2	N. by E.	2	N.	3	N.W. by N.	2	N.W. by N.	3
	19	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	20	N.W.	1	E.S.E.	2	E.	1	E. by S.	2	E.S.E.	2	N.N.W.	2
	21	N.W.	1	N.W.	2	N.W.	1	N.W.	2	N.W.	2	N.W.	4
	22	—	—	—	—	—	—	—	—	—	—	—	—
	23	N.W.	8	N.W.	8	N.W.	8	N.W.	7	N.W.	6	N.N.W.	8
	24	W. by N.	8	W.N.W.	4	S.	5	S.E.	5	S.E.	5	S.E.	1
	25	S.W. by S.	5	S.W. by S.	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	26	S.W.	1	S.W.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	27	Calm.	—	Calm.	—	E.	1	Calm.	—	E.	1	Calm.	—
	28	Calm.	—	Calm.	—	Calm.	—	N.N.E.	2	N.N.E.	3	N.N.E.	3
	29	—	—	—	—	—	—	—	—	—	—	—	—
	30	N.W.	1	N.W.	2	N.W. by N.	4	N.W. by N.	5	N.W. by N.	5	N.W.	5

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
S.E.	2	S.E.	2	Calm.	—	S.E.	2	N.W.	4	N.W. by N.	5	1
—	—	—	—	—	—	—	—	—	—	—	—	2
N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	3
S.E.	4	S.E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	4
S.S.E.	6	S.	4	S.	2	S.W. by S.	4	S. by W.	2	S.E. by S.	4	5
S.E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	6
S.E. by S.	4	S.E.	2	S.E.	1	S.E.	2	S.E.	1	S.E.	1	7
S.E.	1	S.E.	2	S.E.	1	Calm.	—	Calm.	—	N.W.	4	8
—	—	—	—	—	—	—	—	—	—	—	—	9
S.E.	2	S.E.	4	S.E.	4	Calm.	—	Calm.	—	Calm.	—	10
S.E.	5	S.S.E.	4	S.S.E.	4	S.S.E.	2	S.S.E.	2	S.S.E.	2	11
N.	1	N.	2	Calm.	—	Calm.	—	N.W.	4	N.W.	4	12
N.W.	6	N.W.	6	N.W.	6	N.N.W.	5	N.W.	6	N.N.W.	6	13
S.E.	5	S.E.	3	S.S.E.	1	S.S.E.	1	S.S.E.	1	S.E.	1	14
N.W. by W.	5	W.N.W.	5	W.N.W.	5	Calm.	—	Calm.	—	Calm.	—	15
—	—	—	—	—	—	—	—	—	—	—	—	16
N.	6	N.	6	N.	6	N.N.W.	4	N.W. by N.	6	N.N.W.	4	17
N.N.W.	5	N.N.W.	5	N.N.W.	5	W.N.W.	5	W.N.W.	5	W.N.W.	5	18
S.S.E.	2	E. by S.	1	E. by S.	1	E. by S.	1	E. by S.	1	E. by S.	1	19
N.W.	5	N.W.	4	N.W.	5	N.W.	5	N.W. by N.	4	N.W.	1	20
Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.W.	1	N.W.	2	21
W.N.W.	2	N.N.W.	5	N.W. by N.	6	N.W. by N.	6	N.W. by N.	7	N.N.W.	8	22
—	—	—	—	—	—	—	—	—	—	—	—	23
W.	5	W.	5	N.W.	5	W.N.W.	8	W.N.W.	8	W.N.W.	8	24
S.	2	S.	2	S.	3	S.W.	4	S.W.	5	S.W.	5	25
S.W.	2	S.W.	4	S.W.	3	W.	3	S.S.W.	2	S.S.W.	—	26
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	27
E.	1	Calm.	—	E.	1	E.	1	E.	1	E.	1	28
N.W.	1	N.W.	2	N.W.	1	N.W.	2	Calm.	—	N.W.	2	29
—	—	—	—	—	—	—	—	—	—	—	—	30

APRIL.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
—	—	—	—	—	—	—	—	—	—	—	—	1
N.W.	2	N.W.	2	N.W.	4	N.W.	2	N.N.W.	4	N.N.W.	4	2
Calm.	—	N.W.	3	N.W.	3	N.N.W.	2	N.N.W.	2	N.N.W.	2	3
Calm.	—	N.N.W.	2	N.N.W.	2	N.N.W.	2	N. by W.	2	N. by W.	2	4
Calm.	—	N.W. by W.	1	N.W. by W.	1	N.W.	5	N.N.W.	4	N.N.W.	4	5
N.W. by W.	5	N.W. by W.	5	N.W. by W.	5	N.W. by W.	5	N.W. by W.	3	N.W. by W.	3	6
N.W.	1	N.W.	3	N.W.	4	N.W.	5	N.W. by W.	4	N. by W.	4	7
—	—	—	—	—	—	—	—	—	—	—	—	8
N.W. by N.	5	N.W.	2	N.W.	2	N.W.	2	N.W.	3	N.W.	4	9
S.E.	4	Calm.	—	S.E.	2	Calm.	—	W.N.W.	1	N.W. by W.	2	10
N.W. by W.	2	N.W.	1	N.W.	3	N.W.	2	N.W.	2	N.W.	2	11
N.W.	5	N.W.	5	N.W.	5	N.W.	5	N.W.	6	N.W.	6	12
S.E.	1	S.E.	2	Calm.	—	S.W.	2	S.E.	1	S.E.	2	13
S.E.	2	S.E.	2	N.W.	2	N.W.	4	N.	6	N.	6	14
—	—	—	—	—	—	—	—	—	—	—	—	15
S.E.	6	S.E.	6	S.E.	4	N.W.	5	N.W.	6	N.W.	6	16
W.	8	W.	8	W.	7	N.W.	7	N.N.W.	5	N.N.W.	5	17
N.W. by N.	2	Calm.	—	N.W.	3	N.W.	3	N.W.	2	N.W.	2	18
Calm.	—	N.	2	N.N.W.	3	N.W.	4	N.W. by N.	5	N.W. by N.	5	19
Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.N.W.	1	N.N.W.	4	20
N.W.	4	N.W.	5	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	21
—	—	—	—	—	—	—	—	—	—	—	—	22
N.W.	5	N.W.	5	N.W.	5	W.	6	W.	6	W.	6	23
S.W.	4	S.W.	2	W.	2	W.	2	S.	1	S.	2	24
Calm.	—	Calm.	—	Calm.	—	N.N.W.	5	N.N.W.	5	N.N.W.	2	25
Calm.	—	Calm.	—	Calm.	—	S.W.	3	N.W.	1	N.W.	1	26
Calm.	—	Calm.	—	N.W.	2	N.W.	2	N.W. by N.	1	N.W. by N.	2	27
N.N.E.	3	N.N.E.	3	N.N.W.	5	N.N.W.	5	N.N.W.	4	N.N.W.	4	28
—	—	—	—	—	—	—	—	—	—	—	—	29
N.W.	5	N.W.	5	N.W.	3	N.W.	3	N.W.	3	N.W.	3	30

APRIL.

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
MAY.	1	N.W.	1	N.W.	2	N.W.	1	N.W.	1	N.N.W.	4	N.N.W.	4
	2	N. by W.	4	N.W.	1	N.W.	4	N.W.	4	Calm.	—	Calm.	—
	3	E.S.E.	2	E.S.E.	2	E.S.E.	2	E.S.E.	2	Calm.	—	E.S.E.	1
	4	N.W.	1	N.W.	4	N.	5	N.	5	N.N.W.	5	N.N.W.	5
	5	N.N.W.	6	N.N.W.	6	N.N.W.	8	N.N.W.	5	N.W.	6	N.W.	5
	6	N.W.	5	N.W.	5	N.W.	4	N.W.	4	N.W.	4	N.W.	4
	7	—	—	—	—	—	—	—	—	—	—	—	—
	8	S.S.W.	4	S.S.W.	4	S.W.	4	S.W.	5	W.	4	N.W. by N.	4
	9	N.W. by N.	5	N.W. by N.	5	N.W.	4	N.W.	4	N.W.	4	N.W.	4
	10	N.W.	1	N.W.	2	N.N.W.	2	N.N.W.	2	E. by N.	1	E. by N.	2
	11	N.N.W.	4	N.N.W.	4	N.N.W.	4	N.N.W.	4	N.N.W.	2	N.N.W.	4
	12	Calm.	—	Calm.	—	S.E.	1	S.E.	2	S.E.	1	E.	2
	13	N.	1	N.	2	N.	1	E.N.E.	1	E.N.E.	1	E.N.E.	1
	14	—	—	—	—	—	—	—	—	—	—	—	—
	15	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.W.	2	N.W.	2
	16	N.W.	1	N.W.	2	N.W.	1	N.W.	1	N.W.	1	N.W.	1
	17	N.W.	2	N.W.	2	N.W.	2	N.W.	2	Calm.	—	Calm.	—
	18	N.W.	4	N.W.	5	N.W.	2	N.W.	1	Calm.	—	N.N.W.	2
	19	N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	1	N.N.W.	1	N.N.W.	2
	20	N. by E.	1	N.E.	2	N.E.	2	S.E.	1	S.E.	1	Calm.	—
	21	—	—	—	—	—	—	—	—	—	—	—	—
	22	N.W.	5	N.W.	4	N.W.	2	N. by W.	5	N.N.W.	5	N.N.W.	5
	23	S.W.	2	S.W.	2	S.W.	2	N.E.	2	N.E.	2	N.E.	1
	24	N.W.	2	N.N.W.	2	N.N.W.	1	N.W.	1	N.W.	1	Calm.	—
	25	N.W.	5	N.W.	5	N.W. by N.	4	N.W. by N.	5	N.W. by W.	4	W.N.W.	5
	26	S.S.E.	1	N.W.	2	N.W.	2	N.W.	2	N.W.	1	N.W.	1
	27	N.W.	7	N.W.	8	N.W.	4	N.W.	2	N.W.	1	E.N.E.	2
	28	—	—	—	—	—	—	—	—	—	—	—	—
	29	N.N.W.	5	N.N.W.	5	N.N.W.	4	N.W.	4	N.W.	4	N.W.	1
	30	W.N.W.	5	N.W.	5	N.W.	2	Calm.	—	Calm.	—	Calm.	—
	31	Calm.	—	N.N.W.	2	N.N.W.	2	N.N.W.	5	N.	5	N.	5

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
MAY.	1	N.W. by N.	5	W.N.W.	5	W.N.W.	5	W.N.W.	5	W.N.W.	5	W.N.W.	5
	2	N.W.	2	N.W.	2	N.W.	2	N.W.	2	N.W.	2	N.W.	4
	3	N.W. by W.	5	N.W. by W.	5	N.W. by W.	6	N.W. by N.	6	N.W. by N.	6	N.W. by N.	6
	4	N.N.W.	2	N.N.W.	2	N.N.W.	2	Calm.	—	Calm.	—	Calm.	—
	5	N.W.	8	N.N.W.	5	N.N.W.	5	N.W.	4	N.W.	2	N.W.	6
	6	—	—	—	—	—	—	—	—	—	—	—	—
	7	N.W.	6	N.W.	6	N.W.	6	N.W.	6	N.W.	7	N.W.	6
	8	N.W.	2	N.W.	4	N.W.	4	N.W.	4	N.W.	4	N.W.	4
	9	Calm.	—	N.W.	1	N.W.	1	N.W.	1	N.W.	1	N.W.	1
	10	N.N.W.	2	N.W.	2	N.N.W.	1	Calm.	—	Calm.	—	Calm.	—
	11	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N.W.	4	N.W.	4	N.W.	2
	12	Calm.	—	N.	2	N.N.W.	2	Calm.	—	Calm.	—	Calm.	—
	13	—	—	—	—	—	—	—	—	—	—	—	—
	14	N.W.	5	N.W.	5	N.W.	5	N.W.	5	N.W.	5	N.W.	5
	15	N.W.	1	N.W. by N.	4	N.W. by N.	4	N.W. by N.	4	N.W. by N.	4	N.W.	5
	16	N.W.	5	N.W.	5	N.W.	4	N.W.	1	N.W.	1	N.W.	4
	17	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.W.	4
	18	N.N.W.	2	N.W.	4	N.W.	4	N.W.	4	N.W.	4	Calm.	—
	19	N.	1	N.	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	20	—	—	—	—	—	—	—	—	—	—	—	—
	21	N.W. by W.	1	N.W. by W.	1	N.W. by W.	1	N.W.	5	N.W. by W.	5	N.W. by W.	5
	22	N.W. by N.	4	N.W. by N.	4	N.W.	5	N.W.	5	—	—	Calm.	—
	23	N.W.	2	N.W.	2	N.	2	Calm.	—	Calm.	—	Calm.	—
	24	N.W.	4	N.W.	4	N.W. by W.	4	N.W. by W.	4	N.W.	4	N.W.	4
	25	Calm.	—	Calm.	—	Calm.	—	N.W.	5	N.W.	5	N.W.	5
	26	N. by W.	6	N. by W.	6	N. by W.	6	N.W.	6	N.W.	6	N.W.	6
	27	—	—	—	—	—	—	—	—	—	—	—	—
	28	N.W.	3	N.W.	4	N.W.	4	N.W.	4	N.W.	4	N.W.	5
	29	N.W.	4	W.N.W.	5	W.N.W.	5	W.N.W.	5	W.N.W.	5	N.W. by W.	5
	30	Calm.	—	Calm.	—	Calm.	—	N.N.W.	4	N.N.W.	1	N.N.W.	1
	31	N.	4	N.	4	N.	4	N.	4	N.N.W.	4	N.W.	5

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.	2	N.	2	N.	2	N.W.	5	N.W.	5	N.W.	5	1
Calm.	—	Calm.	—	N.W.	4	N.W.	4	N.W.	5	N.W.	2	2
E.S.E.	1	E.S.E.	1	Calm.	—	N.W.	4	N.W.	4	N.W.	4	3
N.N.W.	4	N.N.W.	2	N.	4	N.	4	N.N.W.	2	N.N.W.	2	4
W.N.W.	6	W.N.W.	6	W.N.W.	6	N.W.	6	N.W.	6	N.W.	8	5
N.W.	5	N.W.	5	N.W.	4	N.W.	4	N.W.	5	N.W.	6	6
—	—	—	—	—	—	—	—	—	—	—	—	7
N.W. by W.	4	N.W. by W.	1	N.W. by W.	4	N.W.	2	N.W.	2	N.W.	2	8
N.W.	4	N.W.	1	N.W.	1	N.W.	1	N.W.	1	N.W.	1	9
E. by N.	1	E. by N.	2	E. by N.	4	E. by N.	2	N.	4	N.N.W.	2	10
N.N.W.	4	N.N.W.	5	N.W.	5	N.W.	4	N.W.	3	N.W.	3	11
E.	1	E.	1	E.	1	Calm.	—	Calm.	—	Calm.	—	12
E.N.E.	1	Calm.	—	Calm.	—	E.N.E.	2	E.N.E.	1	N.	4	13
—	—	—	—	—	—	—	—	—	—	—	—	14
N.W.	1	N.W.	1	N.W.	1	N.W.	1	N.W.	1	N.W.	1	15
N.W.	1	N.W.	1	N.W.	2	N.W.	2	N.W.	3	N.W.	4	16
Calm.	—	Calm.	—	N.W.	4	N.W.	1	N.W.	2	Calm.	—	17
N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	1	N.N.W.	1	Calm.	—	18
N.N.W.	1	N.N.W.	2	N.	2	N.	2	N.	2	N.	2	19
Calm.	—	S.E.	1	S.E.	1	Calm.	—	Calm.	—	Calm.	—	20
—	—	—	—	—	—	—	—	—	—	—	—	21
N.N.W.	5	N.N.W.	5	N.N.W.	5	N.N.W.	5	N.N.W.	2	N.W. by N.	5	22
N.E.	1	N.E.	1	N.E.	1	Calm.	—	Calm.	—	Calm.	—	23
Calm.	—	Calm.	—	N. by W.	1	N. by W.	2	N. by W.	1	N.W.	4	24
W.N.W.	5	W.N.W.	5	W.N.W.	5	W.N.W.	2	E. by S.	1	E. by S.	2	25
W.N.W.	4	N.W. by W.	5	N.W. by W.	6	N.W. by W.	6	N.W. by N.	6	N.N.W.	6	26
N.W.	1	Calm.	—	Calm.	—	Calm.	—	N.E.	1	N.E.	1	27
—	—	—	—	—	—	—	—	—	—	—	—	28
N.N.W.	1	N.N.W.	2	N.N.W.	5	N.W.	4	N.W.	4	N.W.	4	29
Calm.	—	Calm.	—	N.W.	1	N.W.	5	N.W.	5	N.W.	5	30
N.	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	31

MAY.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
W.N.W.	5	W.N.W.	5	W.N.W.	4	W.N.W.	5	N.W.	4	N.N.W.	4	1
N.N.W.	2	N.N.W.	2	N.N.W.	4	N.W.	4	N.W.	1	N.W.	1	2
N.W. by N.	6	W.N.W.	6	W.N.W.	5	W.N.W.	5	N.W.	3	N.W.	2	3
Calm.	—	N.W.	1	N.W.	1	N.W.	1	N.W.	2	N.W.	5	4
N.W. by N.	5	N.W. by N.	5	N.W. by N.	5	N.N.W.	4	N.N.W.	5	N.N.W.	5	5
—	—	—	—	—	—	—	—	—	—	—	—	6
N.W.	6	N.W.	6	W.	9	W.N.W.	2	W.N.W.	2	S.S.W.	4	7
N.W. by W.	5	N.W. by W.	5	N.W.	6	N.W.	5	N.W.	4	N.W.	4	8
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	9
Calm.	—	Calm.	—	Calm.	—	N.W. by N.	4	N.N.W.	4	N.N.W.	4	10
N.N.W.	2	N.N.W.	1	N.N.W.	1	Calm.	—	Calm.	—	N.W.	1	11
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	12
—	—	—	—	—	—	—	—	—	—	—	—	13
N.W.	6	N.W.	6	N.W.	6	N.W.	5	N.W.	5	N.N.W.	5	14
N.W.	6	N.W.	5	W.N.W.	5	W.N.W.	2	W.N.W.	2	W.N.W.	2	15
N.W.	4	N.W.	4	N.W.	4	N.W.	4	N.W.	4	N.W.	2	16
N.W.	4	N.W.	4	N.W.	4	N.W.	3	N.N.W.	2	N.N.W.	4	17
Calm.	—	N.W.	1	N.W.	1	N.W.	1	N.W.	1	N.W.	1	18
N.	1	N.	2	N.	1	N.	2	N.	2	N.	2	19
—	—	—	—	—	—	—	—	—	—	—	—	20
W.N.W.	5	W.N.W.	6	W.N.W.	6	W.N.W.	6	N.W.	5	N.W.	6	21
Calm.	—	N. by W.	2	N. by W.	2	S.W.	4	S.W. by S.	4	S.W.	4	22
Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.W.	2	N.N.W.	4	23
N.W. by W.	5	N.W.	5	N.W.	5	N.W.	5	W.	5	W.	5	24
N.W.	5	S.S.W.	5	Calm.	—	W.	2	W.	1	S.	5	25
N.W.	6	N.W.	5	N.N.W.	5	N.N.W.	5	N.W.	5	N.W.	5	26
—	—	—	—	—	—	—	—	—	—	—	—	27
N.W.	5	N.W.	6	N.W.	5	N.N.W.	5	W.N.W.	5	N.W.	4	28
W.N.W.	6	W.N.W.	6	W.N.W.	6	W.N.W.	6	W.N.W.	6	W.N.W.	6	29
N.N.W.	1	N.N.W.	1	N.N.W.	2	N.N.W.	1	N.N.W.	4	N.N.W.	4	30
N.W.	2	N.W.	2	N.W.	2	N.W.	2	N.W.	2	N.W.	2	31

MAY.

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
JUNE.	1	N.W.	2	N.W.	2	N.W.	5	N.W.	5	N.W.	5	N.W.	4
	2	N.N.W.	1	N.N.W.	1	N.N.W.	4	Calm.	—	N.W.	5	N.W.	4
	3	N.W.	5	N.W.	5	N.W.	5	N.	2	N.N.W.	5	N.N.W.	5
	4	—	—	—	—	—	—	—	—	—	—	—	—
	5	N.W.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	6	S.E.	4	S.E.	4	S.E.	1	S.E.	1	N.N.E.	2	W.S.W.	4
	7	S.	5	S.	5	S.	5	S.	4	S.	4	Calm.	—
	8	N.W.	5	N.W.	5	N.W.	2	Calm.	—	Calm.	—	Calm.	—
	9	N.N.W.	2	N.W.	2	N.W.	2	N.W.	4	N.W.	4	N.W.	5
	10	W.N.W.	4	W.N.W.	4	W.N.W.	4	N.W.	5	N.W.	5	N.W.	5
	11	—	—	—	—	—	—	—	—	—	—	—	—
	12	N.W.	2	N.W.	2	N.W.	2	N.W.	2	N.W.	1	N.W.	1
	13 ^a	N.W.	2	—	—	—	—	Calm.	—	—	—	—	—
	14	N.W.	2	—	—	—	—	N.W.	4	—	—	—	—
	15	N.N.W.	4	—	—	—	—	N.W.	4	—	—	—	—
	16	N.N.W.	5	—	—	—	—	N.W.	2	—	—	—	—
	17	N.W.	2	—	—	—	—	N. by W.	1	—	—	—	—
	18	—	—	—	—	—	—	—	—	—	—	—	—
	19	N.W.	4	—	—	—	—	N.W.	2	—	—	—	—
	20	N.W.	5	—	—	—	—	N.W.	4	—	—	—	—
	21	N.W.	4	—	—	—	—	N.W.	2	—	—	—	—
	22	N.W.	3	—	—	—	—	N.W.	1	—	—	—	—
	23	N.W.	4	—	—	—	—	N.W.	2	—	—	—	—
	24	N.W.	2	—	—	—	—	N.W.	2	—	—	—	—
	25	—	—	—	—	—	—	—	—	—	—	—	—
	26	S.S.E.	2	—	—	—	—	S.	5	—	—	—	—
	27	S.S.E.	2	—	—	—	—	S.	5	—	—	—	—
	28	S.	6	—	—	—	—	S.	5	—	—	—	—
	29	W.N.W.	1	—	—	—	—	N.	2	—	—	—	—
	30	W.	1	—	—	—	—	N.W.	1	—	—	—	—

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
JUNE.	1	N.N.W.	5	N.N.W.	5	N.N.W.	5	N.W.	5	N.W.	5	N.W.	5
	2	N.W.	4	N.N.W.	5	N.W.	5	N.	5	N.	5	N.	5
	3	—	—	—	—	—	—	—	—	—	—	—	—
	4	N.W.	5	N.W.	5	N.W.	5	N.W.	5	N.W.	5	N.W.	5
	5	S.S.E.	2	Calm.	—	Calm.	—	S.E.	2	S.E.	2	S.E.	2
	6	S.S.E.	5	S.E.	5	S.S.E.	5	S.E.	5	S.E.	6	S.E.	5
	7	N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	1	N.W.	4
	8	N.W.	5	N.W.	5	N.W.	2	N.W.	5	N.W.	5	N.W.	5
	9	N.W.	6	N.W.	6	N.W.	6	W.N.W.	5	W.N.W.	5	W.N.W.	5
	10	—	—	—	—	—	—	—	—	—	—	—	—
	11	S.	4	S. by E.	1	S. by E.	2	S. by E.	1	S. by E.	1	Calm.	—
	12	N.W.	4	—	—	—	—	N.W.	4	—	—	—	—
	13	N.N.E.	2	—	—	—	—	N.N.W.	2	—	—	—	—
	14	N.N.W.	2	—	—	—	—	N.N.W.	2	—	—	—	—
	15	N.N.W.	2	—	—	—	—	Calm.	—	—	—	—	—
	16	N.W.	4	—	—	—	—	N.W.	1	—	—	—	—
	17	—	—	—	—	—	—	—	—	—	—	—	—
	18	N.W.	3	—	—	—	—	W.N.W.	5	—	—	—	—
	19	N.W.	5	—	—	—	—	N.N.W.	5	—	—	—	—
	20	W.N.W.	5	—	—	—	—	N.W.	5	—	—	—	—
	21	W.N.W.	6	—	—	—	—	W.N.W.	5	—	—	—	—
	22	N.W.	5	—	—	—	—	N.W.	5	—	—	—	—
	23	N.W.	4	—	—	—	—	N.W.	1	—	—	—	—
	24	—	—	—	—	—	—	—	—	—	—	—	—
	25	N.W.	2	—	—	—	—	S.	4	—	—	—	—
	26	S.S.E.	2	—	—	—	—	S.S.E.	5	—	—	—	—
	27	S. by E.	5	—	—	—	—	S.	4	—	—	—	—
	28	S.	5	—	—	—	—	N.	4	—	—	—	—
	29	W.N.W.	1	—	—	—	—	W.	1	—	—	—	—
	30	N.W.	2	—	—	—	—	Calm.	—	—	—	—	—

* The direction and force of the wind was registered only at intervals of three hours from this date until 4th February 1844.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.	
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .			
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	JUNE.	
N.W.	4	N.W. by N.	5	N.W. by N.	5	N.W. by N.	5	N.W. by N.	5	N.W. by N.	5		1
N.W.	5	N.W.	8	N.W.	8	N.W.	8	N.W.	8	N.W.	2		2
N.N.W.	5	N.N.W.	6	N.W.	6	W.N.W.	6	W.N.W.	6	E.S.E.	4		3
—	—	—	—	—	—	—	—	—	—	—	—		4
Calm.	—	N.W.	2	N.W.	2	Calm.	—	Calm.	—	Calm.	—		5
W.S.W.	4	W.S.W.	4	S.	1	S.E.	4	S.E.	5	S.E.	4		6
Calm.	—	Calm.	—	N.N.W.	1	N.N.W.	2	N.N.W.	1	N.N.W.	2		7
Calm.	—	Calm.	—	Calm.	—	N.W.	6	N.W.	7	N.W.	6		8
N.W.	4	N.W.	6	N.W.	5	N.E.	4	N.W.	5	S.W.	5		9
N.W.	5	N.W.	5	N.W.	5	N.W.	5	N.W.	6	N.W.	6		10
—	—	—	—	—	—	—	—	—	—	—	—		11
N.W.	2	N.W.	2	N.W.	2	N.W.	2	N.W.	1	N.W.	1		12
Calm.	—	—	—	—	—	E.	2	—	—	—	—		13
W.N.W.	2	—	—	—	—	N.N.W.	2	—	—	—	—		14
N.W.	4	—	—	—	—	N.W.	5	—	—	—	—		15
N.W.	4	—	—	—	—	N.W.	4	—	—	—	—		16
N.N.W.	4	—	—	—	—	N.W.	5	—	—	—	—		17
—	—	—	—	—	—	—	—	—	—	—	—		18
N.W.	2	—	—	—	—	N.W.	2	—	—	—	—		19
W.N.W.	6	—	—	—	—	W.N.W.	5	—	—	—	—		20
N.W.	1	—	—	—	—	N.W.	5	—	—	—	—		21
N.W.	4	—	—	—	—	N.W.	5	—	—	—	—		22
N.W.	4	—	—	—	—	N.W.	4	—	—	—	—		23
N.W.	2	—	—	—	—	N.W.	2	—	—	—	—		24
—	—	—	—	—	—	—	—	—	—	—	—		25
S.E.	4	—	—	—	—	S.S.E.	4	—	—	—	—		26
S.	5	—	—	—	—	S.	5	—	—	—	—		27
S.	5	—	—	—	—	S.	5	—	—	—	—		28
W.S.W.	4	—	—	—	—	W.S.W.	2	—	—	—	—		29
N.W.	2	—	—	—	—	W.N.W.	2	—	—	—	—	30	

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.	
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .			
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	JUNE.	
N.W.	5	N.W.	1	N.W. by W.	3	N.W. by N.	2	N.N.W.	2	N.N.W.	2		1
N.	5	N.W.	5	N.W.	5	N.W.	5	N.W.	4	N.W.	4		2
—	—	—	—	—	—	—	—	—	—	—	—		3
W.N.W.	5	W.N.W.	5	W.N.W.	2	W.N.W.	2	W.N.W.	2	W.N.W.	2		4
S.E.	2	S.E.	2	S.E.	2	S.E.	2	S.E.	3	S.E.	3		5
S.E.	4	S.E.	2	S.E.	2	S.E.	2	S.	2	S.E.	1		6
N.W.	4	N.W.	4	N.W.	4	N.W.	4	N.W.	4	N.W.	4		7
N.W.	5	N.W.	5	N.W.	5	N.W.	3	N.W.	3	W.	2		8
W.N.W.	6	W.N.W.	5	W.N.W.	6	W.N.W.	5	W.N.W.	5	W.N.W.	5		9
—	—	—	—	—	—	—	—	—	—	—	—		10
N.W.	3	N.W.	3	N.W.	3	Calm.	—	N.W.	2	N.W.	—		11
N.W.	2	—	—	—	—	N.W.	5	—	—	—	—		12
N.W.	2	—	—	—	—	N.N.W.	4	—	—	—	—		13
Calm.	—	—	—	—	—	N.W.	2	—	—	—	—		14
N.N.W.	5	—	—	—	—	N.W.	5	—	—	—	—		15
N.W.	5	—	—	—	—	N.W.	5	—	—	—	—		16
—	—	—	—	—	—	—	—	—	—	—	—		17
N.W.	5	—	—	—	—	N.W.	5	—	—	—	—		18
N.W.	4	—	—	—	—	N.W.	4	—	—	—	—		19
W.N.W.	5	—	—	—	—	W.N.W.	2	—	—	—	—		20
N.W.	5	—	—	—	—	N.W.	2	—	—	—	—		21
N.W.	5	—	—	—	—	N.W.	5	—	—	—	—		22
W.N.W.	5	—	—	—	—	N.W.	4	—	—	—	—		23
—	—	—	—	—	—	—	—	—	—	—	—		24
S.	5	—	—	—	—	S.	2	—	—	—	—		25
S.	5	—	—	—	—	S.S.E.	4	—	—	—	—		26
S.	5	—	—	—	—	S.	4	—	—	—	—		27
S.	4	—	—	—	—	S.	2	—	—	—	—		28
Calm.	—	—	—	—	—	Calm.	—	—	—	—	—		29
N.W.	4	—	—	—	—	N.W.	4	—	—	—	—	30	

DIRECTION AND FORCE OF THE WIND.												
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .	
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
JULY.	1	N.N.W.	3	—	—	—	—	Calm.	—	—	—	—
	2	—	—	—	—	—	—	—	—	—	—	—
	3	N.W.	2	—	—	—	—	N.N.W.	2	—	—	—
	4	E.S.E.	6	—	—	—	—	E.S.E.	4	—	—	—
	5	N.W.	2	—	—	—	—	N.W.	1	—	—	—
	6	N.W.	2	—	—	—	—	Calm.	—	—	—	—
	7	S.S.E.	3	—	—	—	—	N.W.	1	—	—	—
	8	S.S.W.	4	—	—	—	—	S.S.E.	4	—	—	—
	9	—	—	—	—	—	—	—	—	—	—	—
	10	N.W. by W.	4	—	—	—	—	Calm.	—	—	—	—
	11	S.S.E.	3	—	—	—	—	S.S.W.	2	—	—	—
	12	N.W.	2	—	—	—	—	N.N.W.	5	—	—	—
	13	S.S.E.	6	—	—	—	—	S.S.W.	5	—	—	—
	14	N.W.	2	—	—	—	—	N.W.	2	—	—	—
	15	W.N.W.	2	—	—	—	—	W.N.W.	4	—	—	—
	16	—	—	—	—	—	—	—	—	—	—	—
	17	N.N.W.	6	—	—	—	—	N.W.	4	—	—	—
	18	N.W.	5	—	—	—	—	N.N.W.	1	—	—	—
	19	N.W.	3	—	—	—	—	N.N.W.	1	—	—	—
	20	N.W. by W.	2	—	—	—	—	N.W.	2	—	—	—
	21	N.N.W.	2	—	—	—	—	S.S.E.	5	—	—	—
	22	N.N.W.	3	—	—	—	—	Calm.	—	—	—	—
	23	—	—	—	—	—	—	—	—	—	—	—
	24	N.W.	6	—	—	—	—	N.W. by N.	1	—	—	—
	25	N.W.	6	—	—	—	—	N.W.	2	—	—	—
	26	N.W.	4	—	—	—	—	N.W.	5	—	—	—
	27	N.W.	5	—	—	—	—	N.N.W.	4	—	—	—
	28	N.W.	6	—	—	—	—	W.N.W.	5	—	—	—
	29	Calm.	—	—	—	—	—	N.N.W.	2	—	—	—
	30	—	—	—	—	—	—	—	—	—	—	—
	31	N.W.	2	—	—	—	—	S.S.E.	2	—	—	—

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .	
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
JULY.	1	—	—	—	—	—	—	—	—	—	—	—
	2	N.N.W.	1	—	—	—	—	N.N.W.	2	—	—	—
	3	N.N.W.	1	—	—	—	—	S.	1	—	—	—
	4	Calm.	—	—	—	—	—	W.N.W.	1	—	—	—
	5	N.W.	2	—	—	—	—	N.W.	4	—	—	—
	6	S.E.	5	—	—	—	—	S.E. by E.	1	—	—	—
	7	S.S.W.	3	—	—	—	—	S.S.W.	2	—	—	—
	8	—	—	—	—	—	—	—	—	—	—	—
	9	N.N.W.	4	—	—	—	—	W.N.W.	2	—	—	—
	10	Calm.	—	—	—	—	—	N.W.	1	—	—	—
	11	S.S.E.	2	—	—	—	—	N.W.	5	—	—	—
	12	Calm.	—	—	—	—	—	S.S.E.	4	—	—	—
	13	S.W.	2	—	—	—	—	N.W.	4	—	—	—
	14	N.N.W.	2	—	—	—	—	N.W.	5	—	—	—
	15	—	—	—	—	—	—	—	—	—	—	—
	16	N.W.	2	—	—	—	—	N.W.	2	—	—	—
	17	N.N.W.	6	—	—	—	—	N.W.	4	—	—	—
	18	N.N.W.	2	—	—	—	—	N.N.W.	4	—	—	—
	19	N.W.	3	—	—	—	—	N.N.W.	2	—	—	—
	20	N.W.	3	—	—	—	—	N.W.	2	—	—	—
	21	S.S.E.	2	—	—	—	—	Calm.	—	—	—	—
	22	—	—	—	—	—	—	—	—	—	—	—
	23	N.N.W.	3	—	—	—	—	N. by W.	2	—	—	—
	24	N.N.W.	6	—	—	—	—	W.N.W.	6	—	—	—
	25	N.N.W.	3	—	—	—	—	N.N.W.	2	—	—	—
	26	N.N.W.	6	—	—	—	—	N.W. by N.	5	—	—	—
	27	N.N.W.	4	—	—	—	—	N.N.W.	5	—	—	—
	28	N.N.W.	8	—	—	—	—	N.N.W.	5	—	—	—
	29	—	—	—	—	—	—	—	—	—	—	—
	30	N.N.W.	7	—	—	—	—	N.N.W.	5	—	—	—
	31	N.W.	6	—	—	—	—	N.N.W.	5	—	—	—

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.N.W.	2	—	—	—	—	Calm.	—	—	—	—	—	1
—	—	—	—	—	—	—	—	—	—	—	—	2
N.N.W.	1	—	—	—	—	Calm.	—	—	—	—	—	3
E.S.E.	3	—	—	—	—	Calm.	—	—	—	—	—	4
N.W.	2	—	—	—	—	N.W.	1	—	—	—	—	5
N.W.	1	—	—	—	—	S.E. by E.	6	—	—	—	—	6
N.W.	2	—	—	—	—	Calm.	—	—	—	—	—	7
S.S.W.	4	—	—	—	—	S. by E.	4	—	—	—	—	8
—	—	—	—	—	—	—	—	—	—	—	—	9
Calm.	—	—	—	—	—	N.W.	1	—	—	—	—	10
S.E.	6	—	—	—	—	S.	4	—	—	—	—	11
N.N.W.	3	—	—	—	—	N.N.W.	5	—	—	—	—	12
S.S.W.	5	—	—	—	—	Calm.	—	—	—	—	—	13
N.N.W.	3	—	—	—	—	N.N.W.	4	—	—	—	—	14
N.W.	1	—	—	—	—	N.W.	2	—	—	—	—	15
—	—	—	—	—	—	—	—	—	—	—	—	16
N.N.W.	4	—	—	—	—	N.	6	—	—	—	—	17
N.N.W.	2	—	—	—	—	N.N.W.	2	—	—	—	—	18
Calm.	—	—	—	—	—	Calm.	—	—	—	—	—	19
Calm.	—	—	—	—	—	N.N.W.	2	—	—	—	—	20
S.S.E.	2	—	—	—	—	Calm.	—	—	—	—	—	21
N.N.W.	1	—	—	—	—	Calm.	—	—	—	—	—	22
—	—	—	—	—	—	—	—	—	—	—	—	23
Calm.	—	—	—	—	—	N.W.	2	—	—	—	—	24
N.W.	3	—	—	—	—	N.W.	4	—	—	—	—	25
N.N.W.	6	—	—	—	—	N.W.	5	—	—	—	—	26
N.W. by W.	6	—	—	—	—	N.N.W.	5	—	—	—	—	27
N.N.W.	6	—	—	—	—	N.W.	6	—	—	—	—	28
N.N.W.	1	—	—	—	—	N.N.W.	5	—	—	—	—	29
—	—	—	—	—	—	—	—	—	—	—	—	30
N.N.W.	2	—	—	—	—	N.W.	5	—	—	—	—	31

JULY.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
—	—	—	—	—	—	—	—	—	—	—	—	1
Calm.	—	—	—	—	—	N.W.	2	—	—	—	—	2
N.N.W.	1	—	—	—	—	S.	4	—	—	—	—	3
W.	3	—	—	—	—	N.W.	1	—	—	—	—	4
Calm.	—	—	—	—	—	N.W.	1	—	—	—	—	5
S.S.E.	3	—	—	—	—	S.S.E.	2	—	—	—	—	6
S.S.W.	2	—	—	—	—	S.S.E.	5	—	—	—	—	7
—	—	—	—	—	—	—	—	—	—	—	—	8
W.N.W.	4	—	—	—	—	W.N.W.	4	—	—	—	—	9
N.W.	1	—	—	—	—	S.E.	2	—	—	—	—	10
Calm.	—	—	—	—	—	N.W.	2	—	—	—	—	11
S.S.E.	3	—	—	—	—	S.	4	—	—	—	—	12
N.N.W.	5	—	—	—	—	N.W.	4	—	—	—	—	13
W.N.W.	5	—	—	—	—	N.W.	2	—	—	—	—	14
—	—	—	—	—	—	—	—	—	—	—	—	15
N.N.W.	6	—	—	—	—	N.W.	5	—	—	—	—	16
N.N.W.	1	—	—	—	—	N.W.	5	—	—	—	—	17
N.N.W.	5	—	—	—	—	N.N.W.	4	—	—	—	—	18
W.N.W.	6	—	—	—	—	N.W.	4	—	—	—	—	19
N.N.W.	3	—	—	—	—	N.N.W.	4	—	—	—	—	20
S.S.E.	1	—	—	—	—	N.N.W.	2	—	—	—	—	21
—	—	—	—	—	—	—	—	—	—	—	—	22
W.N.W.	3	—	—	—	—	N.W.	5	—	—	—	—	23
N.W.	7	—	—	—	—	—	—	—	—	—	—	24
N.N.W.	2	—	—	—	—	W.N.W.	5	—	—	—	—	25
N.W.	7	—	—	—	—	N.N.W.	6	—	—	—	—	26
N.N.W.	6	—	—	—	—	N. by W.	5	—	—	—	—	27
N.N.W.	9	—	—	—	—	N.N.W.	8	—	—	—	—	28
—	—	—	—	—	—	—	—	—	—	—	—	29
N.N.W.	4	—	—	—	—	N.W.	4	—	—	—	—	30
N.N.W.	7	—	—	—	—	N.W.	6	—	—	—	—	31

JULY.

DIRECTION AND FORCE OF THE WIND.												
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .	
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
AUGUST.	1	N.W.	6	—	—	—	N.N.W.	5	—	—	—	—
	2	N.N.W.	4	—	—	—	N.N.W.	2	—	—	—	—
	3	N.W.	5	—	—	—	N.W.	5	—	—	—	—
	4	N.N.W.	4	—	—	—	N.W.	1	—	—	—	—
	5	N.	6	—	—	—	N.W.	4	—	—	—	—
	6	—	—	—	—	—	—	—	—	—	—	—
	7	N.W.	7	—	—	—	N.W.	6	—	—	—	—
	8	N.W.	7	—	—	—	W.N.W.	6	—	—	—	—
	9	N.W.	9	—	—	—	N.W.	10	—	—	—	—
	10	N.N.W.	2	—	—	—	N.W.	2	—	—	—	—
	11	Calm.	—	—	—	—	E.N.E.	1	—	—	—	—
	12	N.N.W.	3	—	—	—	N.W.	4	—	—	—	—
	13	—	—	—	—	—	—	—	—	—	—	—
	14	N.N.W.	3	—	—	—	N.N.W.	2	—	—	—	—
	15	N.W.	4	—	—	—	Calm.	—	—	—	—	—
	16	N.W.	2	—	—	—	N.W.	4	—	—	—	—
	17	S.W. by W.	4	—	—	—	S.	4	—	—	—	—
	18	N.N.W.	5	—	—	—	N.W.	5	—	—	—	—
	19	N.W.	5	—	—	—	N.W.	4	—	—	—	—
	20	—	—	—	—	—	—	—	—	—	—	—
	21	W.S.W.	2	—	—	—	S.W.	4	—	—	—	—
	22	N.N.W.	4	—	—	—	N.N.W.	2	—	—	—	—
	23	N.W.	2	—	—	—	N.W.	1	—	—	—	—
	24	N.N.E.	2	—	—	—	S.	1	—	—	—	—
	25	N.N.W.	2	—	—	—	Calm.	—	—	—	—	—
	26	N.W.	1	—	—	—	N.N.W.	2	—	—	—	—
	27	—	—	—	—	—	—	—	—	—	—	—
	28	N.W.	6	—	—	—	W.N.W.	5	—	—	—	—
	29	N.W.	5	—	—	—	S.	2	—	—	—	—
	30	S.W.	7	—	—	—	S.	8	—	—	—	—
	31	S.	8	—	—	—	S.	9	—	—	—	—

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .	
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
AUGUST.	1	N.W.	8	—	—	—	N.N.W.	4	—	—	—	—
	2	N.N.W.	1	—	—	—	Calm.	—	—	—	—	—
	3	N.N.W.	6	—	—	—	N.W.	5	—	—	—	—
	4	N.N.W.	4	—	—	—	N.W.	5	—	—	—	—
	5	—	—	—	—	—	—	—	—	—	—	—
	6	N.W.	6	—	—	—	N.W.	9	—	—	—	—
	7	W.N.W.	7	—	—	—	W.	8	—	—	—	—
	8	N.N.W.	8	—	—	—	N.N.W.	8	—	—	—	—
	9	N.W.	1	—	—	—	Calm.	—	—	—	—	—
	10	Calm.	—	—	—	—	Calm.	—	—	—	—	—
	11	Calm.	—	—	—	—	Calm.	—	—	—	—	—
	12	—	—	—	—	—	—	—	—	—	—	—
	13	N.W.	5	—	—	—	N.W.	5	—	—	—	—
	14	N.W. by W.	4	—	—	—	N.W.	5	—	—	—	—
	15	N.W.	5	—	—	—	N.W.	5	—	—	—	—
	16	N.W.	2	—	—	—	S.E.	4	—	—	—	—
	17	N.W. by W.	4	—	—	—	S.S.W.	1	—	—	—	—
	18	N.W.	4	—	—	—	N.W.	4	—	—	—	—
	19	—	—	—	—	—	—	—	—	—	—	—
	20	N.W.	2	—	—	—	N.W.	1	—	—	—	—
	21	Calm.	—	—	—	—	N.W.	1	—	—	—	—
	22	N.W.	5	—	—	—	N.W.	1	—	—	—	—
	23	S.E.	4	—	—	—	S.E.	2	—	—	—	—
	24	N.N.W.	2	—	—	—	N.W.	4	—	—	—	—
	25	N.W. by N.	3	—	—	—	N.W.	4	—	—	—	—
	26	—	—	—	—	—	—	—	—	—	—	—
	27	N.E.	2	—	—	—	Calm.	—	—	—	—	—
	28	W.N.W.	3	—	—	—	N.W.	1	—	—	—	—
	29	W.	6	—	—	—	W.	8	—	—	—	—
	30	S.W.	8	—	—	—	W.S.W.	7	—	—	—	—
	31	S.W.	7	—	—	—	S.S.W.	5	—	—	—	—

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.	
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .			
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	AUGUST.	
N.W.	8	—	—	—	—	W.N.W.	5	—	—	—	—		1
N.N.W.	3	—	—	—	—	N.N.W.	1	—	—	—	—		2
N.W.	1	—	—	—	—	N.N.W.	4	—	—	—	—		3
N.W.	4	—	—	—	—	N.W.	2	—	—	—	—		4
S.	2	—	—	—	—	W.	5	—	—	—	—		5
—	—	—	—	—	—	—	—	—	—	—	—		6
N.W.	7	—	—	—	—	N.W.	6	—	—	—	—		7
N.N.W.	7	—	—	—	—	N.N.W.	5	—	—	—	—		8
N.W.	10	—	—	—	—	N.W.	1	—	—	—	—		9
S.E. by S.	6	—	—	—	—	Calm.	—	—	—	—	—		10
E.N.E.	1	—	—	—	—	N.E.	2	—	—	—	—		11
N.N.W.	1	—	—	—	—	N.N.W.	2	—	—	—	—		12
—	—	—	—	—	—	—	—	—	—	—	—		13
N.N.W.	1	—	—	—	—	Calm.	—	—	—	—	—		14
Calm.	—	—	—	—	—	N.W.	1	—	—	—	—		15
Calm.	—	—	—	—	—	N.W.	1	—	—	—	—		16
S.S.W.	1	—	—	—	—	S.S.W.	1	—	—	—	—		17
N.W.	3	—	—	—	—	N.W.	4	—	—	—	—		18
N.W.	4	—	—	—	—	N.W.	2	—	—	—	—		19
—	—	—	—	—	—	—	—	—	—	—	—		20
S.S.E.	2	—	—	—	—	S.W.	1	—	—	—	—		21
N.N.W.	1	—	—	—	—	N.N.W.	2	—	—	—	—		22
S.E.	2	—	—	—	—	S.E.	4	—	—	—	—		23
Calm.	—	—	—	—	—	N.	2	—	—	—	—		24
N.W.	2	—	—	—	—	Calm.	—	—	—	—	—		25
N.N.W.	3	—	—	—	—	N.W.	5	—	—	—	—		26
—	—	—	—	—	—	—	—	—	—	—	—		27
N.N.W.	6	—	—	—	—	N.	1	—	—	—	—		28
S.E.	6	—	—	—	—	S.	5	—	—	—	—		29
S.W.	8	—	—	—	—	S.S.W.	8	—	—	—	—		30
S.S.W.	8	—	—	—	—	S.	6	—	—	—	—	31	

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.	
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .			
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	AUGUST.	
N.W.	3	—	—	—	—	N.N.W.	4	—	—	—	—		1
N.W.	4	—	—	—	—	N.W.	5	—	—	—	—		2
Calm.	—	—	—	—	—	N.N.W.	2	—	—	—	—		3
N.W.	5	—	—	—	—	N.W.	4	—	—	—	—		4
—	—	—	—	—	—	—	—	—	—	—	—		5
N.N.W.	8	—	—	—	—	N.N.W.	6	—	—	—	—		6
N.W. by W.	7	—	—	—	—	N.W.	6	—	—	—	—		7
N.W.	9	—	—	—	—	N.W.	9	—	—	—	—		8
Calm.	—	—	—	—	—	Calm.	—	—	—	—	—		9
Calm.	—	—	—	—	—	Calm.	—	—	—	—	—		10
Calm.	—	—	—	—	—	N.W.	4	—	—	—	—		11
—	—	—	—	—	—	—	—	—	—	—	—		12
N.W.	3	—	—	—	—	N.N.W.	4	—	—	—	—		13
W.N.W.	4	—	—	—	—	W.	5	—	—	—	—		14
N.N.W.	2	—	—	—	—	N.W.	2	—	—	—	—		15
S.E.	1	—	—	—	—	E.	1	—	—	—	—		16
N.W. by N.	4	—	—	—	—	N.W.	5	—	—	—	—		17
N.W.	5	—	—	—	—	N.W.	4	—	—	—	—		18
—	—	—	—	—	—	—	—	—	—	—	—		19
S.	1	—	—	—	—	S.W.	2	—	—	—	—		20
N.W.	5	—	—	—	—	N.W.	5	—	—	—	—		21
N.W.	3	—	—	—	—	N.W.	4	—	—	—	—		22
Calm.	—	—	—	—	—	S.E.	2	—	—	—	—		23
N.W. by W.	5	—	—	—	—	N.W. by W.	5	—	—	—	—		24
N.W. by W.	4	—	—	—	—	N.W. by N.	5	—	—	—	—		25
—	—	—	—	—	—	—	—	—	—	—	—		26
N.	5	—	—	—	—	Calm.	—	—	—	—	—		27
N.W.	4	—	—	—	—	N.W.	4	—	—	—	—		28
S.W.	2	—	—	—	—	S.W.	7	—	—	—	—		29
S.E.	7	—	—	—	—	S.	9	—	—	—	—		30
S.S.W.	5	—	—	—	—	Calm.	—	—	—	—	—	31	

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
S.	2	—	—	—	—	Calm.	—	—	—	—	—	1
N.N.W.	2	—	—	—	—	N.N.W.	4	—	—	—	—	2
—	—	—	—	—	—	—	—	—	—	—	—	3
N.N.W.	2	—	—	—	—	W.	1	—	—	—	—	4
S.S.W.	2	—	—	—	—	S.S.E.	2	—	—	—	—	5
Calm.	—	—	—	—	—	E. by N.	1	—	—	—	—	6
N.W.	5	—	—	—	—	N.W. by W.	6	—	—	—	—	7
N.W.	4	—	—	—	—	N.W.	4	—	—	—	—	8
N.W.	8	—	—	—	—	N.W.	1	—	—	—	—	9
—	—	—	—	—	—	—	—	—	—	—	—	10
N.N.W.	3	—	—	—	—	N.W.	2	—	—	—	—	11
N.W.	4	—	—	—	—	N.W.	2	—	—	—	—	12
Calm.	—	—	—	—	—	S.W.	4	—	—	—	—	13
N.W.	2	—	—	—	—	N.W.	6	—	—	—	—	14
S.W.	6	—	—	—	—	W.S.W.	5	—	—	—	—	15
W.S.W.	1	—	—	—	—	W.	4	—	—	—	—	16
—	—	—	—	—	—	—	—	—	—	—	—	17
S.E.	3	—	—	—	—	N.W.	2	—	—	—	—	18
Calm.	—	—	—	—	—	N.N.W.	2	—	—	—	—	19
S.	1	—	—	—	—	N.W.	5	—	—	—	—	20
N.W.	5	—	—	—	—	N.N.W.	4	—	—	—	—	21
N.N.W.	7	—	—	—	—	N.N.W.	5	—	—	—	—	22
Calm.	—	—	—	—	—	Calm.	—	—	—	—	—	23
—	—	—	—	—	—	—	—	—	—	—	—	24
N.N.W.	5	—	—	—	—	Calm.	—	—	—	—	—	25
N.W.	6	—	—	—	—	N.W.	5	—	—	—	—	26
N.W.	6	—	—	—	—	N.W.	6	—	—	—	—	27
N.N.W.	3	—	—	—	—	E.S.E.	1	—	—	—	—	28
N.W.	8	—	—	—	—	N.W.	7	—	—	—	—	29
N.N.W.	4	—	—	—	—	N. by W.	5	—	—	—	—	30

SEPTEMBER.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.W.	2	—	—	—	—	N. by W.	5	—	—	—	—	1
—	—	—	—	—	—	—	—	—	—	—	—	2
N.W.	7	—	—	—	—	N.N.W.	4	—	—	—	—	3
N.W.	3	—	—	—	—	N.W.	4	—	—	—	—	4
N.W.	3	—	—	—	—	N.N.W.	5	—	—	—	—	5
N.W.	4	—	—	—	—	N.W.	4	—	—	—	—	6
N.W.	3	—	—	—	—	N.N.E.	4	—	—	—	—	7
N.W.	1	—	—	—	—	N.W.	1	—	—	—	—	8
—	—	—	—	—	—	—	—	—	—	—	—	9
N.W.	3	—	—	—	—	N.W.	2	—	—	—	—	10
N.W.	5	—	—	—	—	N.W.	4	—	—	—	—	11
N.W.	3	—	—	—	—	N.W.	2	—	—	—	—	12
W.N.W.	2	—	—	—	—	W.	1	—	—	—	—	13
N.N.W.	6	—	—	—	—	N.N.W.	6	—	—	—	—	14
Calm.	—	—	—	—	—	W.S.W.	2	—	—	—	—	15
—	—	—	—	—	—	—	—	—	—	—	—	16
N.W.	3	—	—	—	—	N.W.	4	—	—	—	—	17
S.E.	1	—	—	—	—	N.W.	2	—	—	—	—	18
N.W.	4	—	—	—	—	N.N.W.	5	—	—	—	—	19
N.N.W.	6	—	—	—	—	N.N.W.	5	—	—	—	—	20
N.W.	7	—	—	—	—	N.W.	9	—	—	—	—	21
W.S.W.	4	—	—	—	—	S.	4	—	—	—	—	22
—	—	—	—	—	—	—	—	—	—	—	—	23
N.W.	2	—	—	—	—	N.W.	2	—	—	—	—	24
N.W. by N.	4	—	—	—	—	N.W.	5	—	—	—	—	25
N.W.	4	—	—	—	—	N.W.	4	—	—	—	—	26
N.N.W.	4	—	—	—	—	N.N.W.	5	—	—	—	—	27
N.W.	5	—	—	—	—	S.	2	—	—	—	—	28
N.N.W.	6	—	—	—	—	—	—	—	—	—	—	29
—	—	—	—	—	—	—	—	—	—	—	—	30

SEPTEMBER.

DIRECTION AND FORCE OF THE WIND.												
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .	
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
OCTOBER.	1	—	—	—	—	—	—	—	—	—	—	—
	2	W.	5	—	—	—	N.N.W.	4	—	—	—	—
	3	W.	2	—	—	—	S.E.	2	—	—	—	—
	4	N.W.	9	—	—	—	N.N.W.	6	—	—	—	—
	5	N.N.W.	3	—	—	—	N.W.	8	—	—	—	—
	6	S.E.	1	—	—	—	S.E.	2	—	—	—	—
	7	N.W.	3	—	—	—	E.	4	—	—	—	—
	8	—	—	—	—	—	—	—	—	—	—	—
	9	N.W.	4	—	—	—	N.W.	5	—	—	—	—
	10	S.E.	6	—	—	—	S.E.	5	—	—	—	—
	11	N.N.W.	6	—	—	—	N.W.	9	—	—	—	—
	12	N.W.	4	—	—	—	N.W.	5	—	—	—	—
	13	N.W.	4	—	—	—	N.W.	4	—	—	—	—
	14	N.W.	5	—	—	—	N.W.	4	—	—	—	—
	15	—	—	—	—	—	—	—	—	—	—	—
	16	N.N.E.	3	—	—	—	W.S.W.	6	—	—	—	—
	17	N.W.	2	—	—	—	N.W.	2	—	—	—	—
	18	N.W.	4	—	—	—	N.W.	4	—	—	—	—
	19	S.W.	4	—	—	—	S.S.W.	6	—	—	—	—
	20	S.	4	—	—	—	S.E.	5	—	—	—	—
	21	N.W.	3	—	—	—	N.N.W.	2	—	—	—	—
	22	—	—	—	—	—	—	—	—	—	—	—
	23	W.S.W.	5	—	—	—	S.W. by W.	4	—	—	—	—
	24	N.W. by N.	4	—	—	—	N.W. by N.	4	—	—	—	—
	25	S.W.	3	—	—	—	S.W.	4	—	—	—	—
	26	N.N.W.	4	—	—	—	E.S.E.	4	—	—	—	—
	27	Calm.	—	—	—	—	N.W.	2	—	—	—	—
	28	N.W.	5	—	—	—	W.N.W.	5	—	—	—	—
	29	—	—	—	—	—	—	—	—	—	—	—
	30	N.W.	7	—	—	—	N.N.W.	5	—	—	—	—
	31	W.	5	—	—	—	N.N.W.	5	—	—	—	—

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .	
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
OCTOBER.	1	N.W.	5	—	—	—	W.S.W.	5	—	—	—	—
	2	S.W.	3	—	—	—	S.W.	2	—	—	—	—
	3	N.W.	5	—	—	—	N.N.W.	5	—	—	—	—
	4	N.N.W.	4	—	—	—	N.W.	2	—	—	—	—
	5	N.W.	5	—	—	—	N.W.	5	—	—	—	—
	6	W.N.W.	3	—	—	—	W.N.W.	4	—	—	—	—
	7	—	—	—	—	—	—	—	—	—	—	—
	8	Calm.	—	—	—	—	Calm.	—	—	—	—	—
	9	N.N.W.	2	—	—	—	N.N.W.	2	—	—	—	—
	10	N.N.W.	5	—	—	—	N.N.W.	5	—	—	—	—
	11	N.N.W.	3	—	—	—	N.W.	5	—	—	—	—
	12	N.W.	3	—	—	—	N.W.	5	—	—	—	—
	13	S.S.E.	2	—	—	—	N.N.W.	2	—	—	—	—
	14	—	—	—	—	—	—	—	—	—	—	—
	15	N.N.W.	7	—	—	—	N.N.W.	5	—	—	—	—
	16	W.N.W.	5	—	—	—	W.N.W.	1	—	—	—	—
	17	N.W.	5	—	—	—	N.W.	5	—	—	—	—
	18	N.N.W.	6	—	—	—	N.W.	2	—	—	—	—
	19	W.	2	—	—	—	Calm.	—	—	—	—	—
	20	Calm.	—	—	—	—	W.N.W.	5	—	—	—	—
	21	—	—	—	—	—	—	—	—	—	—	—
	22	N.W. by N.	5	—	—	—	N.W.	5	—	—	—	—
	23	N.W.	4	—	—	—	N.W.	4	—	—	—	—
	24	N.W.	7	—	—	—	N.W. by N.	8	—	—	—	—
	25	N.W.	1	—	—	—	N.W.	4	—	—	—	—
	26	N.	1	—	—	—	N.	2	—	—	—	—
	27	N.N.W.	5	—	—	—	S.W.	5	—	—	—	—
	28	—	—	—	—	—	—	—	—	—	—	—
	29	N.N.W.	2	—	—	—	N.	4	—	—	—	—
	30	N.N.W.	4	—	—	—	N.W.	5	—	—	—	—
	31	N.W.	5	—	—	—	N.W.	4	—	—	—	—

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
—	—	—	—	—	—	—	—	—	—	—	—	1
S.S.W.	2	—	—	—	—	S.S.W.	1	—	—	—	—	2
S.E.	1	—	—	—	—	Calm.	—	—	—	—	—	3
N.N.W.	6	—	—	—	—	N.N.W.	6	—	—	—	—	4
S.	5	—	—	—	—	N.W. by W.	5	—	—	—	—	5
W.N.W.	1	—	—	—	—	W.N.W.	2	—	—	—	—	6
E.	3	—	—	—	—	E.	1	—	—	—	—	7
—	—	—	—	—	—	—	—	—	—	—	—	8
N.N.W.	4	—	—	—	—	N.W.	4	—	—	—	—	9
S.E.	3	—	—	—	—	Calm.	—	—	—	—	—	10
N.W.	7	—	—	—	—	N.N.W.	2	—	—	—	—	11
N.W.	4	—	—	—	—	N.W.	5	—	—	—	—	12
N.W.	2	—	—	—	—	S.	5	—	—	—	—	13
N.W.	2	—	—	—	—	N.W. by N.	5	—	—	—	—	14
—	—	—	—	—	—	—	—	—	—	—	—	15
N.W.	6	—	—	—	—	N.W. by W.	5	—	—	—	—	16
W.	4	—	—	—	—	N.W. by N.	4	—	—	—	—	17
N.N.W.	4	—	—	—	—	N.W.	5	—	—	—	—	18
S.W.	6	—	—	—	—	Calm.	—	—	—	—	—	19
S.S.E.	6	—	—	—	—	S.S.E.	1	—	—	—	—	20
S.E.	1	—	—	—	—	Calm.	—	—	—	—	—	21
—	—	—	—	—	—	—	—	—	—	—	—	22
W.S.W.	3	—	—	—	—	W.	4	—	—	—	—	23
N.N.W.	6	—	—	—	—	N.	2	—	—	—	—	24
N.W.	2	—	—	—	—	N.W.	4	—	—	—	—	25
N.W.	4	—	—	—	—	N.	4	—	—	—	—	26
N.W.	2	—	—	—	—	N.N.W.	2	—	—	—	—	27
W.N.W.	2	—	—	—	—	N.W.	4	—	—	—	—	28
—	—	—	—	—	—	—	—	—	—	—	—	29
W.N.W.	7	—	—	—	—	N.N.W.	5	—	—	—	—	30
W. by N.	5	—	—	—	—	N.W.	5	—	—	—	—	31

OCTOBER.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.W.	5	—	—	—	—	N.W. by W.	5	—	—	—	—	1
W.	3	—	—	—	—	N.W.	4	—	—	—	—	2
N.W.	5	—	—	—	—	N.W.	5	—	—	—	—	3
Calm.	—	—	—	—	—	N.N.W.	4	—	—	—	—	4
N.W.	4	—	—	—	—	N.W.	4	—	—	—	—	5
N.W.	4	—	—	—	—	N.W.	4	—	—	—	—	6
—	—	—	—	—	—	—	—	—	—	—	—	7
N.W.	5	—	—	—	—	—	—	—	—	—	—	8
S.E.	2	—	—	—	—	S.S.E.	5	—	—	—	—	9
N.W.	3	—	—	—	—	N.N.W.	5	—	—	—	—	10
N.W.	3	—	—	—	—	N.W.	2	—	—	—	—	11
N.W.	5	—	—	—	—	N.W.	5	—	—	—	—	12
W.	4	—	—	—	—	N.W.	5	—	—	—	—	13
—	—	—	—	—	—	—	—	—	—	—	—	14
N.	3	—	—	—	—	Calm.	—	—	—	—	—	15
Calm.	—	—	—	—	—	N.W.	4	—	—	—	—	16
N.W. by N.	5	—	—	—	—	N.W.	5	—	—	—	—	17
S.W.	4	—	—	—	—	S.W.	2	—	—	—	—	18
N.W.	2	—	—	—	—	Calm.	—	—	—	—	—	19
N.W.	5	—	—	—	—	N.W.	4	—	—	—	—	20
—	—	—	—	—	—	—	—	—	—	—	—	21
N.N.W.	3	—	—	—	—	S.W.	2	—	—	—	—	22
N.W. by N.	6	—	—	—	—	N.W.	2	—	—	—	—	23
N.W.	8	—	—	—	—	N.W.	8	—	—	—	—	24
N.W.	1	—	—	—	—	N.W.	4	—	—	—	—	25
N.W.	2	—	—	—	—	N.W.	1	—	—	—	—	26
N.W.	3	—	—	—	—	N.W.	4	—	—	—	—	27
—	—	—	—	—	—	—	—	—	—	—	—	28
N.	6	—	—	—	—	N.N.W.	5	—	—	—	—	29
N.W.	4	—	—	—	—	N.W.	4	—	—	—	—	30
N.W.	5	—	—	—	—	N.W.	1	—	—	—	—	31

OCTOBER.

DIRECTION AND FORCE OF THE WIND.												
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .	
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
NOVEMBER.	1	N. by W.	4	—	—	—	N. by W.	1	—	—	—	—
	2	N.W.	8	—	—	—	N.W.	6	—	—	—	—
	3	W.	2	—	—	—	E.	2	—	—	—	—
	4	E.	5	—	—	—	S.W.	4	—	—	—	—
	5	—	—	—	—	—	—	—	—	—	—	—
	6	N.W.	7	—	—	—	N.W.	6	—	—	—	—
	7	N.W.	5	—	—	—	N.W.	6	—	—	—	—
	8	W.N.W.	6	—	—	—	W.N.W.	5	—	—	—	—
	9	S.W.	6	—	—	—	W.	6	—	—	—	—
	10	N.W.	7	—	—	—	N.W.	6	—	—	—	—
	11	N.W.	5	—	—	—	W.S.W.	5	—	—	—	—
	12	—	—	—	—	—	—	—	—	—	—	—
	13	N.	4	—	—	—	N.W.	4	—	—	—	—
	14	S.E.	4	—	—	—	S.E.	5	—	—	—	—
	15	N.W.	5	—	—	—	E.S.E.	5	—	—	—	—
	16	W.	5	—	—	—	W.	5	—	—	—	—
	17	S.E.	5	—	—	—	S.E.	5	—	—	—	—
	18	N.W.	7	—	—	—	N.W.	8	—	—	—	—
	19	—	—	—	—	—	—	—	—	—	—	—
	20	S.E.	2	—	—	—	S.E.	2	—	—	—	—
	21	N.N.W.	5	—	—	—	S.	4	—	—	—	—
	22	S.E.	3	—	—	—	S.E.	4	—	—	—	—
	23	S.	4	—	—	—	S.	5	—	—	—	—
	24	N.N.W.	2	—	—	—	N.N.W.	5	—	—	—	—
	25	N.W.	6	—	—	—	N.W.	4	—	—	—	—
	26	—	—	—	—	—	—	—	—	—	—	—
	27	S.E.	4	—	—	—	S.E.	5	—	—	—	—
	28	E.S.E.	5	—	—	—	S.E.	5	—	—	—	—
	29	W. by N.	5	—	—	—	—	—	—	—	—	—
	30	S.E.	7	—	—	—	S.E.	6	—	—	—	—

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .	
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
NOVEMBER.	1	N.W.	4	—	—	—	N.W.	5	—	—	—	—
	2	S.S.E.	3	—	—	—	Calm.	—	—	—	—	—
	3	S.E.	2	—	—	—	N.W. by W.	2	—	—	—	—
	4	—	—	—	—	—	—	—	—	—	—	—
	5	N.W.	5	—	—	—	N.W.	5	—	—	—	—
	6	N.W.	5	—	—	—	N.W.	5	—	—	—	—
	7	N.W.	6	—	—	—	N.W.	5	—	—	—	—
	8	N.W.	6	—	—	—	N.W.	4	—	—	—	—
	9	N.W.	7	—	—	—	W.N.W.	5	—	—	—	—
	10	N.W.	6	—	—	—	N.N.W.	5	—	—	—	—
	11	—	—	—	—	—	—	—	—	—	—	—
	12	Calm.	—	—	—	—	Calm.	—	—	—	—	—
	13	N.W.	5	—	—	—	W.N.W.	1	—	—	—	—
	14	Calm.	—	—	—	—	Calm.	—	—	—	—	—
	15	N.W.	5	—	—	—	Calm.	—	—	—	—	—
	16	W.N.W.	4	—	—	—	W.N.W.	4	—	—	—	—
	17	Calm.	—	—	—	—	S.E.	2	—	—	—	—
	18	—	—	—	—	—	—	—	—	—	—	—
	19	Calm.	—	—	—	—	Calm.	—	—	—	—	—
	20	S.S.E.	3	—	—	—	N.	1	—	—	—	—
	21	N.W. by W.	5	—	—	—	N.W.	4	—	—	—	—
	22	Calm.	—	—	—	—	Calm.	—	—	—	—	—
	23	S.E.	2	—	—	—	S.S.E.	4	—	—	—	—
	24	N.W.	4	—	—	—	N.W.	2	—	—	—	—
	25	—	—	—	—	—	—	—	—	—	—	—
	26	N.W.	4	—	—	—	E.	5	—	—	—	—
	27	N.W.	4	—	—	—	N.W.	2	—	—	—	—
	28	Calm.	—	—	—	—	S.E.	1	—	—	—	—
	29	N.W.	1	—	—	—	N.W.	2	—	—	—	—
	30	Calm.	—	—	—	—	N.	2	—	—	—	—

DIRECTION AND FORCE OF THE WIND.

6 ^h .		7 ^h .		8.		9 ^h .		10 ^h .		11 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.	1	—	—	—	—	N.W.	4	—	—	—	—	1
N.W.	5	—	—	—	—	S.S.W.	4	—	—	—	—	2
E.	5	—	—	—	—	S.E.	2	—	—	—	—	3
N.W.	2	—	—	—	—	N.N.W.	5	—	—	—	—	4
—	—	—	—	—	—	—	—	—	—	—	—	5
N.W.	6	—	—	—	—	N.N.W.	6	—	—	—	—	6
N.W.	6	—	—	—	—	N.W.	5	—	—	—	—	7
N.W.	4	—	—	—	—	N.W.	5	—	—	—	—	8
S.W.	6	—	—	—	—	N.W.	6	—	—	—	—	9
N.W.	7	—	—	—	—	N.W.	6	—	—	—	—	10
W.S.W.	5	—	—	—	—	W.S.W.	5	—	—	—	—	11
—	—	—	—	—	—	—	—	—	—	—	—	12
N.W.	6	—	—	—	—	N.W.	1	—	—	—	—	13
S.S.E.	3	—	—	—	—	Calm.	—	—	—	—	—	14
S.E.	2	—	—	—	—	Calm.	—	—	—	—	—	15
N.W.	3	—	—	—	—	Calm.	—	—	—	—	—	16
S.E.	3	—	—	—	—	S.E.	1	—	—	—	—	17
N.W.	8	—	—	—	—	N.W.	9	—	—	—	—	18
—	—	—	—	—	—	—	—	—	—	—	—	19
S.E.	6	—	—	—	—	S.E.	4	—	—	—	—	20
W.N.W.	3	—	—	—	—	W.N.W.	2	—	—	—	—	21
S.E.	3	—	—	—	—	Calm.	—	—	—	—	—	22
S.	3	—	—	—	—	S.E.	1	—	—	—	—	23
N.W. by N.	4	—	—	—	—	N.W.	2	—	—	—	—	24
S.W.	3	—	—	—	—	Calm.	—	—	—	—	—	25
—	—	—	—	—	—	—	—	—	—	—	—	26
S.E.	4	—	—	—	—	N.W. by W.	5	—	—	—	—	27
S.E.	2	—	—	—	—	S.E.	2	—	—	—	—	28
N.W.	7	—	—	—	—	W.N.W.	5	—	—	—	—	29
S.E.	6	—	—	—	—	E.S.E.	4	—	—	—	—	30

NOVEMBER.

18 ^h .		19 ^h .		20 ^h .		21.		22 ^h .		23 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.W.	4	—	—	—	—	N.W.	1	—	—	—	—	1
Calm.	—	—	—	—	—	N.W.	2	—	—	—	—	2
N.W.	5	—	—	—	—	N.W.	5	—	—	—	—	3
—	—	—	—	—	—	—	—	—	—	—	—	4
N.W.	5	—	—	—	—	N.W.	5	—	—	—	—	5
N.W.	5	—	—	—	—	N.W.	5	—	—	—	—	6
N.N.W.	7	—	—	—	—	N.W.	5	—	—	—	—	7
N.W.	4	—	—	—	—	S.W.	5	—	—	—	—	8
N.W.	6	—	—	—	—	N.N.W.	6	—	—	—	—	9
N.N.W.	5	—	—	—	—	N.W.	4	—	—	—	—	10
—	—	—	—	—	—	—	—	—	—	—	—	11
Calm.	—	—	—	—	—	Calm.	—	—	—	—	—	12
W.N.W.	2	—	—	—	—	N.N.W.	1	—	—	—	—	13
N.W.	2	—	—	—	—	Calm.	—	—	—	—	—	14
N.N.W.	2	—	—	—	—	N.N.W.	2	—	—	—	—	15
N.W.	2	—	—	—	—	N.W.	1	—	—	—	—	16
Calm.	—	—	—	—	—	S.E.	1	—	—	—	—	17
—	—	—	—	—	—	—	—	—	—	—	—	18
Calm.	—	—	—	—	—	S.	1	—	—	—	—	19
N.W.	3	—	—	—	—	N.W.	2	—	—	—	—	20
W.	3	—	—	—	—	N.W.	1	—	—	—	—	21
S.	2	—	—	—	—	W.	4	—	—	—	—	22
N.W.	4	—	—	—	—	N.W.	1	—	—	—	—	23
N.N.W.	4	—	—	—	—	N.W.	4	—	—	—	—	24
—	—	—	—	—	—	—	—	—	—	—	—	25
N.W.	3	—	—	—	—	N.W.	1	—	—	—	—	26
N.N.W.	2	—	—	—	—	N.N.W.	4	—	—	—	—	27
N.W.	4	—	—	—	—	N.W.	1	—	—	—	—	28
S.W.	2	—	—	—	—	S.W.	1	—	—	—	—	29
N.W.	5	—	—	—	—	N.W.	4	—	—	—	—	30

NOVEMBER.

DIRECTION AND FORCE OF THE WIND.												
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .	
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
DECEMBER.	1	S.E.	7	—	—	—	S.E.	6	—	—	—	—
	2	S.E.	6	—	—	—	S.E.	5	—	—	—	—
	3	—	—	—	—	—	—	—	—	—	—	—
	4	N.W.	7	—	—	—	N.W.	6	—	—	—	—
	5	N.	1	—	—	—	N.	1	—	—	—	—
	6	S.E.	6	—	—	—	S.	5	—	—	—	—
	7	S.E.	4	—	—	—	S.E.	4	—	—	—	—
	8	N.N.W.	2	—	—	—	N.W.	5	—	—	—	—
	9	N.N.W.	4	—	—	—	S.E.	5	—	—	—	—
	10	—	—	—	—	—	—	—	—	—	—	—
	11	N.W.	4	—	—	—	N.W.	4	—	—	—	—
	12	W.	5	—	—	—	N.W.	6	—	—	—	—
	13	W.	5	—	—	—	W.	5	—	—	—	—
	14	N.W.	4	—	—	—	N.W.	4	—	—	—	—
	15	N.W.	5	—	—	—	N.W.	4	—	—	—	—
	16	S.E.	5	—	—	—	S.E.	5	—	—	—	—
	17	—	—	—	—	—	—	—	—	—	—	—
	18	S.E.	5	—	—	—	S.E.	6	—	—	—	—
	19	S.E.	5	—	—	—	S.E.	4	—	—	—	—
	20	S.E.	5	—	—	—	S.E.	5	—	—	—	—
	21	N.W.	5	—	—	—	S.E.	4	—	—	—	—
	22	N.W.	5	—	—	—	N.W.	5	—	—	—	—
	23	N.W.	5	—	—	—	N.W.	5	—	—	—	—
	24	—	—	—	—	—	—	—	—	—	—	—
	25	S.E.	2	—	—	—	N.W.	5	—	—	—	—
	26	S.E.	2	—	—	—	S.E.	2	—	—	—	—
	27	N.N.W.	6	—	—	—	N.W.	2	—	—	—	—
	28	N.W.	7	—	—	—	N.W.	6	—	—	—	—
	29	N.W.	9	—	—	—	W.N.W.	9	—	—	—	—
	30	N.N.W.	5	—	—	—	N.W.	5	—	—	—	—
	31	—	—	—	—	—	—	—	—	—	—	—

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .	
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
DECEMBER.	1	S.E.	2	—	—	—	N.W.	2	—	—	—	—
	2	—	—	—	—	—	—	—	—	—	—	—
	3	S.E.	3	—	—	—	S.E.	1	—	—	—	—
	4	N.W.	3	—	—	—	Calm.	—	—	—	—	—
	5	S.	3	—	—	—	S.S.E.	4	—	—	—	—
	6	W.	3	—	—	—	W.	1	—	—	—	—
	7	N.W.	2	—	—	—	N.W.	5	—	—	—	—
	8	W.N.W.	5	—	—	—	N.W.	5	—	—	—	—
	9	—	—	—	—	—	—	—	—	—	—	—
	10	N.N.W.	4	—	—	—	N.N.W.	4	—	—	—	—
	11	N.N.W.	2	—	—	—	N.N.W.	6	—	—	—	—
	12	N.W.	5	—	—	—	N.W.	5	—	—	—	—
	13	N.W.	3	—	—	—	N.W.	4	—	—	—	—
	14	N.N.W.	5	—	—	—	N.W.	2	—	—	—	—
	15	N.	2	—	—	—	N.W. by W.	2	—	—	—	—
	16	—	—	—	—	—	—	—	—	—	—	—
	17	Calm.	—	—	—	—	N.W.	6	—	—	—	—
	18	S.E.	5	—	—	—	S.E.	1	—	—	—	—
	19	N.W.	6	—	—	—	S.E.	2	—	—	—	—
	20	Calm.	—	—	—	—	S.E.	1	—	—	—	—
	21	N.W.	5	—	—	—	N.W.	6	—	—	—	—
	22	N.W.	1	—	—	—	N.N.W.	4	—	—	—	—
	23	—	—	—	—	—	—	—	—	—	—	—
	24	N.W.	5	—	—	—	N.	1	—	—	—	—
	25	Calm.	—	—	—	—	N.N.W.	5	—	—	—	—
	26	Calm.	—	—	—	—	N.W.	4	—	—	—	—
	27	N.W.	5	—	—	—	N.W.	5	—	—	—	—
	28	N.W.	7	—	—	—	N.W.	8	—	—	—	—
	29	N.N.W.	8	—	—	—	N.N.W.	6	—	—	—	—
	30	—	—	—	—	—	—	—	—	—	—	—
	31	Calm.	—	—	—	—	S.E.	1	—	—	—	—

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
S.E.	6	—	—	—	—	S.E.	2	—	—	—	—	1
S.E.	3	—	—	—	—	S.E.	2	—	—	—	—	2
—	—	—	—	—	—	—	—	—	—	—	—	3
N.W.	3	—	—	—	—	N.W.	5	—	—	—	—	4
S.	5	—	—	—	—	S.	4	—	—	—	—	5
S.	4	—	—	—	—	S.	2	—	—	—	—	6
N.W.	5	—	—	—	—	N.W.	5	—	—	—	—	7
N.N.W.	4	—	—	—	—	N.N.W.	5	—	—	—	—	8
S.E.	2	—	—	—	—	S.E.	2	—	—	—	—	9
—	—	—	—	—	—	—	—	—	—	—	—	10
N.W.	5	—	—	—	—	N.W.	5	—	—	—	—	11
W.S.W.	5	—	—	—	—	W.N.W.	5	—	—	—	—	12
N. by E.	2	—	—	—	—	Calm.	—	—	—	—	—	13
W.N.W.	5	—	—	—	—	W.	4	—	—	—	—	14
N.	2	—	—	—	—	W.	2	—	—	—	—	15
S.E.	2	—	—	—	—	N.W.	1	—	—	—	—	16
—	—	—	—	—	—	—	—	—	—	—	—	17
S.E.	5	—	—	—	—	Calm.	—	—	—	—	—	18
S.E.	3	—	—	—	—	S.E.	1	—	—	—	—	19
S.E.	2	—	—	—	—	S.E.	2	—	—	—	—	20
N.W.	5	—	—	—	—	Calm.	—	—	—	—	—	21
N.N.W.	5	—	—	—	—	N.W.	6	—	—	—	—	22
N.W.	5	—	—	—	—	N.	5	—	—	—	—	23
—	—	—	—	—	—	—	—	—	—	—	—	24
S.S.E.	1	—	—	—	—	N.W.	4	—	—	—	—	25
Calm.	—	—	—	—	—	S.S.E.	1	—	—	—	—	26
N.N.W.	5	—	—	—	—	N.W.	6	—	—	—	—	27
N.W.	7	—	—	—	—	N.W.	5	—	—	—	—	28
W.N.W.	9	—	—	—	—	N.W.	9	—	—	—	—	29
Calm.	—	—	—	—	—	S.E.	1	—	—	—	—	30
—	—	—	—	—	—	—	—	—	—	—	—	31

DECEMBER.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
Calm.	—	—	—	—	—	N.W.	5	—	—	—	—	1
—	—	—	—	—	—	—	—	—	—	—	—	2
S.E.	3	—	—	—	—	N.W.	5	—	—	—	—	3
Calm.	—	—	—	—	—	Calm.	—	—	—	—	—	4
S.W.	2	—	—	—	—	S.E.	5	—	—	—	—	5
N.W.	4	—	—	—	—	N.W.	4	—	—	—	—	6
N.W.	5	—	—	—	—	N.W.	5	—	—	—	—	7
N.W.	4	—	—	—	—	N.W.	4	—	—	—	—	8
—	—	—	—	—	—	—	—	—	—	—	—	9
N.W.	4	—	—	—	—	N.W.	4	—	—	—	—	10
N.W.	5	—	—	—	—	N.W.	6	—	—	—	—	11
N.W.	5	—	—	—	—	N.W.	5	—	—	—	—	12
N.N.W.	4	—	—	—	—	N.W.	3	—	—	—	—	13
N.W.	5	—	—	—	—	N.W.	3	—	—	—	—	14
Calm.	—	—	—	—	—	Calm.	—	—	—	—	—	15
—	—	—	—	—	—	—	—	—	—	—	—	16
N.W.	4	—	—	—	—	N.W.	1	—	—	—	—	17
Calm.	—	—	—	—	—	S.E.	4	—	—	—	—	18
N.W.	4	—	—	—	—	N.W.	2	—	—	—	—	19
N.	2	—	—	—	—	S.E.	2	—	—	—	—	20
N.N.W.	5	—	—	—	—	N.W.	6	—	—	—	—	21
N.W.	4	—	—	—	—	N.W.	5	—	—	—	—	22
—	—	—	—	—	—	—	—	—	—	—	—	23
N.W. by W.	7	—	—	—	—	N.W.	4	—	—	—	—	24
N.W.	3	—	—	—	—	N.W.	6	—	—	—	—	25
N.W.	3	—	—	—	—	N.W.	5	—	—	—	—	26
N.W.	5	—	—	—	—	N.W.	6	—	—	—	—	27
N.W.	8	—	—	—	—	W.	6	—	—	—	—	28
N.W.	6	—	—	—	—	N.W.	5	—	—	—	—	29
—	—	—	—	—	—	—	—	—	—	—	—	30
S.E.	2	—	—	—	—	S.E.	2	—	—	—	—	31

DECEMBER.

DIRECTION AND FORCE OF THE WIND.												
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .	
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
JANUARY.	1	N.W.	6	—	—	—	N.W.	5	—	—	—	—
	2	S.E.	6	—	—	—	S.E.	6	—	—	—	—
	3	S.E.	5	—	—	—	S.S.E.	5	—	—	—	—
	4	S.E.	6	—	—	—	S.E.	6	—	—	—	—
	5	S.	5	—	—	—	S.	4	—	—	—	—
	6	E.N.E.	5	—	—	—	E.N.E.	5	—	—	—	—
	7	—	—	—	—	—	—	—	—	—	—	—
	8	S.E.	4	—	—	—	S.E.	5	—	—	—	—
	9	S.E.	4	—	—	—	S.E.	5	—	—	—	—
	10	N.E.	2	—	—	—	N.N.E.	4	—	—	—	—
	11	—	—	—	—	—	N.N.W.	5	—	—	—	—
	12	S.E.	6	—	—	—	S.E.	4	—	—	—	—
	13	S.E.	3	—	—	—	S.E.	5	—	—	—	—
	14	—	—	—	—	—	—	—	—	—	—	—
	15	Calm.	—	—	—	—	Variable.	2	—	—	—	—
	16	N.W.	3	—	—	—	N.W.	5	—	—	—	—
	17	S.E.	2	—	—	—	S.E.	5	—	—	—	—
	18	N.W.	2	—	—	—	N.W.	9	—	—	—	—
	19	N.W.	7	—	—	—	S.W.	8	—	—	—	—
	20	N.	3	—	—	—	E.S.E.	5	—	—	—	—
	21	—	—	—	—	—	—	—	—	—	—	—
	22	N.W.	2	—	—	—	E.	2	—	—	—	—
	23	S.E.	4	—	—	—	S.S.E.	6	—	—	—	—
	24	S.E.	2	—	—	—	S.E.	2	—	—	—	—
	25	S.S.E.	2	—	—	—	S.S.E.	4	—	—	—	—
	26	S.E.	6	—	—	—	S.E.	6	—	—	—	—
	27	S.E.	4	—	—	—	S.E.	5	—	—	—	—
	28	—	—	—	—	—	—	—	—	—	—	—
	29	N.N.W.	3	—	—	—	W.N.W.	4	—	—	—	—
	30	S.E.	4	—	—	—	S.E.	5	—	—	—	—
	31	S.E.	4	—	—	—	S.E.	5	—	—	—	—

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .	
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
JANUARY.	1	N.W.	5	—	—	—	—	—	—	—	—	—
	2	S.E.	1	—	—	—	S.S.E.	3	—	—	—	—
	3	Calm.	—	—	—	—	Calm.	—	—	—	—	—
	4	Calm.	—	—	—	—	Calm.	—	—	—	—	—
	5	S.E.	3	—	—	—	S.E.	4	—	—	—	—
	6	—	—	—	—	—	—	—	—	—	—	—
	7	S.E.	1	—	—	—	Calm.	—	—	—	—	—
	8	S.E.	4	—	—	—	S.E.	4	—	—	—	—
	9	S.E.	1	—	—	—	S.E.	2	—	—	—	—
	10	N. by W.	4	—	—	—	N.N.W.	6	—	—	—	—
	11	N.W.	4	—	—	—	N.W.	1	—	—	—	—
	12	N. by E.	1	—	—	—	Calm.	—	—	—	—	—
	13	—	—	—	—	—	—	—	—	—	—	—
	14	Calm.	—	—	—	—	S.E.	2	—	—	—	—
	15	N.W.	4	—	—	—	N.W. by W.	5	—	—	—	—
	16	N.N.W.	3	—	—	—	N.W.	1	—	—	—	—
	17	N.	4	—	—	—	N.W.	5	—	—	—	—
	18	N.W.	8	—	—	—	N.W.	5	—	—	—	—
	19	N.W.	2	—	—	—	N.W.	4	—	—	—	—
	20	—	—	—	—	—	—	—	—	—	—	—
	21	Calm.	—	—	—	—	N.W.	4	—	—	—	—
	22	N.N.W.	6	—	—	—	Calm.	—	—	—	—	—
	23	S.	6	—	—	—	S.	5	—	—	—	—
	24	Calm.	—	—	—	—	Calm.	—	—	—	—	—
	25	S.E.	4	—	—	—	S.S.E.	5	—	—	—	—
	26	Calm.	—	—	—	—	Calm.	—	—	—	—	—
	27	—	—	—	—	—	—	—	—	—	—	—
	28	N.W.	8	—	—	—	N.N.W.	5	—	—	—	—
	29	N.W.	3	—	—	—	Calm.	—	—	—	—	—
	30	N.W.	1	—	—	—	S.S.E.	2	—	—	—	—
	31	S.E.	3	—	—	—	N.	2	—	—	—	—

DIRECTION AND FORCE OF THE WIND.

6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.W.	6	—	—	—	—	W.N.W.	4	—	—	—	—	1
S.E.	6	—	—	—	—	S.E.	2	—	—	—	—	2
S.E.	5	—	—	—	—	S.E.	2	—	—	—	—	3
S.E.	6	—	—	—	—	S.E.	1	—	—	—	—	4
S.E.	3	—	—	—	—	S.E.	4	—	—	—	—	5
E.S.E.	1	—	—	—	—	N.N.E.	2	—	—	—	—	6
—	—	—	—	—	—	—	—	—	—	—	—	7
S.E.	4	—	—	—	—	S.E.	5	—	—	—	—	8
S.E.	4	—	—	—	—	S.E.	2	—	—	—	—	9
N.N.E.	1	—	—	—	—	N.	5	—	—	—	—	10
N.W.	1	—	—	—	—	N.W.	6	—	—	—	—	11
S.	2	—	—	—	—	Calm.	—	—	—	—	—	12
S.E.	3	—	—	—	—	N.W.	1	—	—	—	—	13
—	—	—	—	—	—	—	—	—	—	—	—	14
Calm.	—	—	—	—	—	Variable.	1	—	—	—	—	15
N.W.	3	—	—	—	—	N.W.	1	—	—	—	—	16
S.E.	3	—	—	—	—	N.E.	1	—	—	—	—	17
N.W.	5	—	—	—	—	N.W.	8	—	—	—	—	18
S.S.E.	4	—	—	—	—	N.	2	—	—	—	—	19
S.E.	2	—	—	—	—	S.E.	2	—	—	—	—	20
—	—	—	—	—	—	—	—	—	—	—	—	21
N.N.W.	4	—	—	—	—	N.	5	—	—	—	—	22
S.S.E.	6	—	—	—	—	S.S.E.	2	—	—	—	—	23
S.E.	2	—	—	—	—	S.	2	—	—	—	—	24
S.S.E.	1	—	—	—	—	S.S.E.	2	—	—	—	—	25
S.E.	6	—	—	—	—	S.E.	5	—	—	—	—	26
S.S.E.	2	—	—	—	—	Calm.	—	—	—	—	—	27
—	—	—	—	—	—	—	—	—	—	—	—	28
W. by N.	6	—	—	—	—	N.N.W.	2	—	—	—	—	29
S.E.	4	—	—	—	—	S.E.	5	—	—	—	—	30
S.E.	4	—	—	—	—	S.E.	2	—	—	—	—	31

JANUARY.

18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
Calm.	—	—	—	—	—	S.E.	4	—	—	—	—	1
Calm.	—	—	—	—	—	Calm.	—	—	—	—	—	2
S.E.	1	—	—	—	—	S.E.	5	—	—	—	—	3
Calm.	—	—	—	—	—	S.	5	—	—	—	—	4
S.E.	2	—	—	—	—	N.N.W.	4	—	—	—	—	5
—	—	—	—	—	—	—	—	—	—	—	—	6
S.E.	4	—	—	—	—	S.	5	—	—	—	—	7
Calm.	—	—	—	—	—	E.S.E.	4	—	—	—	—	8
N.N.W.	1	—	—	—	—	Calm.	—	—	—	—	—	9
N.W.	4	—	—	—	—	N.W.	1	—	—	—	—	10
Calm.	—	—	—	—	—	S.S.E.	5	—	—	—	—	11
N.N.W.	4	—	—	—	—	N.W.	4	—	—	—	—	12
—	—	—	—	—	—	—	—	—	—	—	—	13
Calm.	—	—	—	—	—	Variable.	—	—	—	—	—	14
N.N.W.	2	—	—	—	—	N.W.	5	—	—	—	—	15
N.W.	2	—	—	—	—	N.W.	2	—	—	—	—	16
Calm.	—	—	—	—	—	S.E.	1	—	—	—	—	17
N.W.	8	—	—	—	—	N.W.	4	—	—	—	—	18
N.W.	2	—	—	—	—	N.W.	1	—	—	—	—	19
—	—	—	—	—	—	—	—	—	—	—	—	20
N.N.W.	4	—	—	—	—	N.W.	5	—	—	—	—	21
—	—	—	—	—	—	N.W.	4	—	—	—	—	22
S.E.	4	—	—	—	—	S.	5	—	—	—	—	23
Calm.	—	—	—	—	—	Calm.	—	—	—	—	—	24
S.S.E.	2	—	—	—	—	S.E.	2	—	—	—	—	25
Calm.	—	—	—	—	—	Calm.	—	—	—	—	—	26
—	—	—	—	—	—	—	—	—	—	—	—	27
N.W.	7	—	—	—	—	N.W.	7	—	—	—	—	28
N.W.	3	—	—	—	—	N.N.W.	2	—	—	—	—	29
W.	2	—	—	—	—	W.	1	—	—	—	—	30
N.	2	—	—	—	—	N.	4	—	—	—	—	31

JANUARY.

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
FEBRUARY.	1	S.E.	5	—	—	—	S.E.	5	—	—	—	—	
	2	S.E.	5	—	—	—	S.E.	5	—	—	—	—	
	3	S.	3	—	—	—	S.E.	5	—	—	—	—	
	4	—	—	—	—	—	—	—	—	—	—	—	
	5	N.N.W.	3	—	—	S.E.	5	S.E.	4	S.E.	5	—	
	6	N.N.E.	4	S.E.	4	S.E.	5	S.E.	5	S.E.	3	S.E.	4
	7	N.N.W.	2	N.N.W.	5	N. by W.	4	N. by W.	6	N.	5	N. by W.	6
	8	N. by W.	4	N. by W.	4	N. by W.	4	N. by W.	4	N. by W.	1	N.W.	4
	9	S.S.E.	6	S.S.E.	6	S. by E.	6	S. by E.	6	S. by E.	6	S. by E.	6
	10	S.S.E.	4	S.E. by S.	5	S.S.E.	6	S.S.E.	5	S.S.E.	5	S.S.E.	5
	11	—	—	—	—	—	—	—	—	—	—	—	—
	12	N. by E.	5	N. by E.	3	N. by E.	2	N.N.E.	3	N.N.E.	3	S.W.	4
	13	S.	4	S.S.E.	6	S.S.E.	5	S.S.E.	5	S.E.	4	S. by E.	3
	14	N.	3	N.	1	Calm.	0	Calm.	—	S.S.W.	2	S.S.W.	2
	15	S.E. by S.	2	S.S.E.	4	S.S.E.	4	S.S.E.	5	S.S.E.	5	S.S.E.	4
	16	N.N.W.	5	N.	5	N.E. by N.	4	S.E. by S.	6	S.E. by S.	7	S.S.E.	7
	17	N. by E.	5	N.N.E.	6	N.	5	N.	5	N.	5	N.	5
	18	—	—	—	—	—	—	—	—	—	—	—	—
	19	N.W.	4	N. by W.	6	N. by E.	3	N.W. by W.	5	N.W. by W.	5	N.N.W.	2
	20	S.E. by E.	2	S.E. by E.	2	E.	2	S.E. by E.	1	S.E. by E.	2	S.E. by E.	1
	21	S.	4	E.	3	S.W. by S.	5	S.W.	4	W.S.W.	4	W.S.W.	5
	22	W.N.W.	4	S.W.	4	W.	4	N.W.	6	W. by N.	5	N.W. by W.	5
	23	N.W. by W.	8	N.W. by W.	6	Variable.	—	Variable.	3	W.	4	W.N.W.	4
	24	S.E.	2	N.W.	6	N.W.	4	N.W.	5	N.W.	4	N.W.	5
	25	—	—	—	—	—	—	—	—	—	—	—	—
	26	N.W. by N.	5	N.W. by N.	3	N. by W.	2	S.S.E.	1	S.W.	2	S.	2
	27	N.N.W.	7	N.N.W.	8	N.W. by N.	7	N.W. by W.	6	N.	7	N.N.W.	7
	28	N.W.	7	N.W.	7	W.	8	N.W.	8	W. by S.	8	N.W.	8
	29	N.W. by N.	5	N.W. by N.	5	N.N.W.	6	N.W. by N.	6	N.W.	7	N.W. by N.	7

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
FEBRUARY.	1	N.	4	—	—	—	N.N.W.	6	—	—	—	—	
	2	S.E.	3	—	—	—	S.E.	5	—	—	—	—	
	3	—	—	—	—	—	—	—	—	—	—	—	
	4	S.	2	—	—	—	N.N.E.	1	—	—	—	—	
	5	S.E.	3	N.N.E.	—	S.E.	2	N. by W.	—	S.E.	2	N.N.W.	—
	6	N.N.W.	5	N.N.W.	2	N.N.W.	5	N.N.W.	4	N.N.W.	3	N.N.W.	1
	7	N. by W.	6	N. by W.	4	N. by W.	5	N. by W.	5	N. by W.	5	N. by W.	5
	8	N.W.	5	N.W.	5	N.W.	5	N.W.	5	N.W.	5	N.W.	6
	9	Calm.	—	Calm.	—	Calm.	—	S.S.E.	1	Calm.	—	S.S.E.	1
	10	—	—	—	—	—	—	—	—	—	—	—	—
	11	N.N.W.	4	N.	4	N.N.W.	3	N.N.W.	1	N. by W.	1	N.	1
	12	N.W.	3	N. by W.	3	N. by W.	6	N.N.W.	5	N.N.W.	6	N. by W.	6
	13	S.S.E.	1	N. by W.	1	N. by W.	3	N. by W.	4	N. by W.	6	N.	4
	14	Calm.	—	S.	1	S.	1	S.	1	Calm.	—	S. by W.	2
	15	Calm.	—	Calm.	—	S. by E.	1	Calm.	—	N.	1	N.W.	1
	16	N.N.W.	1	N.W.	1	N.W.	1	N.W.	1	N.W.	4	N.W.	4
	17	—	—	—	—	—	—	—	—	—	—	—	—
	18	S.S.E.	1	Calm.	—	Calm.	—	Calm.	—	S.S.E.	1	S.S.E.	1
	19	N.N.E.	1	—	—	—	—	—	—	Calm.	—	N.N.E.	1
	20	Calm.	—	Calm.	—	Calm.	—	N.N.W.	1	N.N.W.	1	Calm.	—
	21	W. by S.	2	S.	2	N.N.W.	4	W. by S.	6	S.S.W.	2	Calm.	—
	22	N. by W.	7	N.W. by N.	6	N.W. by N.	6	N. by W.	6	N. by W.	6	N.N.W.	4
	23	N.N.W.	5	N. by W.	5	N.	3	N.N.W.	4	N.N.W.	3	N.W. by N.	4
	24	—	—	—	—	—	—	—	—	—	—	—	—
	25	S.E.	1	S.E.	1	S.E.	1	S.E.	1	N.N.W.	1	N.N.W.	2
	26	N. by W.	7	N. by W.	6	N. by W.	6	N. by W.	7	N.	6	N.	4
	27	N. by W.	6	N.	7	N.	7	N.	8	N.W. by N.	8	N.W.	10
	28	Calm.	—	N.W. by N.	3	N.N.W.	4	N.W. by W.	1	N.N.W.	7	N.W. by N.	7
	29	N.	4	N. by E.	6	N.	6	N.	5	N.	5	N.N.W.	7

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
E.N.E.	5	—	—	—	—	N.N.E.	2	—	—	—	—	1
S.E.	5	—	—	—	—	S.E.	2	—	—	—	—	2
S.E.	5	—	—	—	—	S.S.E.	4	—	—	—	—	3
—	—	—	—	—	—	—	—	—	—	—	—	4
S.E.	5	—	—	S.E.	4	Calm.	—	S.E.	4	—	—	5
N.N.E.	5	N.N.E.	5	N.N.E.	5	N.N.W.	7	N.N.W.	6	N.N.W.	5	6
N. by W.	5	N. by W.	4	N. by W.	5	N. by W.	6	N. by W.	6	N. by W.	6	7
N.W.	4	N.W.	3	N.W.	6	N.W.	6	N.W.	6	N.W.	5	8
S. by E.	6	S.E. by S.	5	S.S.E.	4	S.S.E.	3	S.S.E.	3	S.S.E.	2	9
S.S.E.	4	S.S.E.	3	S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	1	10
—	—	—	—	—	—	—	—	—	—	—	—	11
W.	4	S.W.	2	S.W.	1	N.	1	N.	1	N.	1	12
S.S.E.	3	S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	1	13
S. by W.	3	S. by W.	1	S. by W.	3	Calm.	—	Calm.	—	Calm.	—	14
S.S.E.	3	S. by E.	2	S. by E.	1	S. by E.	1	S. by E.	1	Calm.	—	15
S.E. by S.	7	S.S.E.	7	S.E. by S.	3	S.S.E.	1	Calm.	—	Calm.	—	16
N.	5	N.	3	N.	1	Calm.	—	Calm.	—	Calm.	—	17
—	—	—	—	—	—	—	—	—	—	—	—	18
W.N.W.	3	S.W.	3	S.W.	3	N.E.	5	N. by E.	3	N. by E.	2	19
S.E. by E.	1	S.E. by E.	1	S.S.E.	1	S.S.E.	1	Calm.	—	Calm.	—	20
Calm.	—	Calm.	—	S.W. by W.	2	S.E.	4	W.S.W.	4	W.S.W.	5	21
N.W.	6	N.N.W.	4	N.N.W.	4	N.W. by N.	7	N. by W.	5	N. by W.	7	22
N.W. by N.	4	N.W.	3	N.	5	N.	4	N.N.W.	4	N.W. by N.	4	23
N.W.	2	N.W.	2	N.W.	4	N.W.	4	N.W.	2	N.W.	4	24
—	—	—	—	—	—	—	—	—	—	—	—	25
S.	2	Calm.	—	Calm.	—	N.W. by N.	7	N.W. by N.	7	N.N.W.	6	26
N.W. by N.	5	N.W. by N.	5	N.W. by N.	7	N. by W.	7	N. by W.	6	N. by W.	6	27
W.	8	Calm.	—	Calm.	—	N.E.	3	N.N.E.	5	N.N.E.	3	28
N.W. by N.	6	N.N.W.	3	N.N.W.	3	N.W.	2	N.	2	N.	4	29

FEBRUARY.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.N.W.	5	—	—	—	—	N.N.W.	1	—	—	—	—	1
S.E.	5	—	—	—	—	S.E.	4	—	—	—	—	2
—	—	—	—	—	—	—	—	—	—	—	—	3
Calm.	—	—	—	—	—	N.N.W.	2	—	—	—	—	4
N.	1	N.N.W.	—	N.E.	2	N.N.E.	—	N.N.	3	N.N.E.	—	5
N.N.W.	1	E.S.E.	6	N.W.	5	N.N.W.	3	N.N.W.	2	N.N.W.	2	6
N. by W.	5	N. by W.	5	N. by W.	5	N. by W.	5	N. by W.	5	N. by W.	5	7
N.W.	6	N.W.	6	N.W.	6	N.W.	4	N.W.	4	S.S.E.	5	8
Calm.	—	Calm.	—	Calm.	—	S.S.E.	2	S.S.E.	2	S.S.E.	3	9
—	—	—	—	—	—	—	—	—	—	—	—	10
N.N.W.	2	N.W. by N.	3	N.N.W.	5	N.	6	N.N.W.	5	N.N.W.	5	11
N. by W.	6	N.N.W.	5	N.N.W.	5	N.N.W.	5	N. by W.	5	N.N.W.	3	12
N.	5	N.	4	N.	4	N.	5	N.	4	N.	4	13
N.W.	2	N.W.	3	N.N.W.	4	N.W. by N.	2	N.E.	1	S.E. by S.	1	14
N.W.	3	N.W. by N.	3	N.W. by N.	4	N.W. by N.	3	N.W. by N.	4	N.N.W.	5	15
N.W.	5	N.W.	5	N.W.	4	N.	5	N. by W.	6	N.N.E.	6	16
—	—	—	—	—	—	—	—	—	—	—	—	17
Calm.	—	N. by W.	3	N.N.W.	2	N.N.W.	4	N. by W.	3	N.W.	4	18
Calm.	—	Calm.	—	Calm.	—	N.E.	1	N.E. by N.	1	S.E. by E.	1	19
N.N.W.	1	N.N.W.	1	N.N.W.	1	Calm.	—	Calm.	—	Calm.	—	20
N.W. by N.	2	N.W. by N.	2	N.	3	S.W.	4	N.	4	S.S.W.	4	21
N.N.W.	4	N.	2	N.	4	N.N.W.	5	W.N.W.	5	S. by W.	4	22
N.N.W.	4	N.N.W.	2	N.N.W.	4	N. by W.	5	N. by W.	4	N. by W.	2	23
—	—	—	—	—	—	—	—	—	—	—	—	24
N.N.W.	1	N.N.W.	2	N. by W.	4	N.N.W.	6	N.N.W.	4	N.W. by N.	4	25
S. by E.	4	N.W.	4	N.N.W.	4	W. by N.	3	N.W.	4	N.N.W.	6	26
N.W. by W.	9	W. by N.	9	N.W. by W.	8	N.W.	8	N.W.	8	N.W.	8	27
N.N.W.	7	N.N.W.	6	N.N.W.	6	N.N.W.	6	N.N.W.	6	N.N.W.	6	28
N.N.W.	4	N.	5	N. by W.	5	N. by W.	4	N.N.W.	4	N.W. by W.	4	29

FEBRUARY.

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
MARCH.	1	N.W.	5	N.N.W.	6	N.W.	4	N.W.	4	N.W.	4	W.N.W.	4
	2	N.W.	7	N.W. by N.	8	N.N.W.	7	N. by E.	7	N. by W.	6	N.	6
	3	—	—	—	—	—	—	—	—	—	—	—	—
	4	N.	5	N. by W.	6	N. by W.	7	N. by W.	5	N. by W.	4	N. by W.	4
	5	N.N.W.	6	N.N.W.	8	N. by W.	8	N.W.	8	N.N.W.	8	N.N.W.	3
	6	N.W.	8	W.	8	W.N.W.	10	N.W.	9	N.W.	9	N.N.W.	9
	7	W.N.W.	6	N.N.W.	7	N.N.W.	7	N.W.	7	S.W.	7	N.W.	6
	8	N.W. by N.	9	N.W.	8	N. by W.	7	N.W. by N.	8	N.W. by W.	7	N.W.	4
	9	S.S.E.	5	S.S.E.	4	S.S.E.	4	S.E. by S.	3	S.E. by S.	3	S.E. by S.	3
	10	—	—	—	—	—	—	—	—	—	—	—	—
	11	Calm.	—	S.E.	3	S.E.	3	S.S.W.	3	S.S.W.	4	Calm.	—
	12	S.E.	4	S.S.W.	3	S.S.W.	4	S.S.W.	3	S.S.W.	4	S.S.W.	4
	13	N.N.W.	6	N.N.W.	6	N.N.W.	6	N.W.	5	N.W.	5	N.N.W.	5
	14	N.N.W.	5	W. by N.	7	W.N.W.	6	N.N.W.	4	S.W. by W.	3	W.N.W.	4
	15	W.	3	W. by N.	4	W.	3	W.	4	W.	2	Calm.	—
	16	N.W.	6	N.N.W.	6	N.N.W.	6	N.W.	6	N.N.W.	6	N.W.	7
	17	—	—	—	—	—	—	—	—	—	—	—	—
	18	N.W. by N.	8	N.W.	7	N.W.	7	N.W. by N.	6	N.W. by N.	5	N. by W.	4
	19	N.	3	W.N.W.	5	N.W.	6	N.W.	6	N.N.W.	5	W.S.W.	3
	20	N.N.W.	7	N.W.	7	N.W. by W.	6	N.N.W.	6	N.N.W.	5	N.N.W.	6
	21	N. by W.	8	N.	9	N. by W.	9	N. by W.	9	N.N.W.	9	N.W. by N.	9
	22	S.W.	10	S.W.	8	S.W.	8	S.W.	7	S.W.	6	S.W. by W.	5
	23	S.S.E.	7	N.E. by E.	5	N.	3	E.	3	N.	6	N.	4
	24	—	—	—	—	—	—	—	—	—	—	—	—
	25	N.	2	N.	2	Calm.	—	E.N.E.	1	N.N.W.	1	S.S.E.	5
	26	E.S.E.	2	S.E. by S.	4	S.S.E.	5	S.S.E.	6	S.S.E.	5	S.S.E.	4
	27	N.N.W.	4	N.W.	4	N.N.W.	3	N.N.W.	3	N. by W.	3	N. by W.	3
	28	N.W.	6	N.W.	7	N.N.W.	6	N.	7	N.	5	N.	5
	29	S.W.	6	N.	2	W.N.W.	6	W.N.W.	3	N.W.	4	N.N.E.	3
	30	N.N.W.	8	N. by W.	8	N.	8	N.N.W.	9	N.N.W.	9	N.N.W.	8
	31	—	—	—	—	—	—	—	—	—	—	—	—

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
MARCH.	1	N. by W.	4	N. by W.	1	N. by W.	1	N.	5	N.N.W.	4	N.N.W.	2
	2	—	—	—	—	—	—	—	—	—	—	—	—
	3	N. by W.	4	N.W.	4	N.N.W.	2	N.N.W.	3	N.N.W.	3	N.N.W.	5
	4	Calm.	—	N.W. by N.	6	N.W.	7	N.W.	7	N.N.W.	7	N.N.W.	7
	5	N. by W.	6	N.W.	6	N.N.W.	6	N.	7	N.	7	N.W.	7
	6	N.W.	7	N.W.	6	N.W.	5	N.W.	4	N.W.	3	N.N.W.	6
	7	N.	6	N. by W.	7	N.N.W.	7	N. by W.	7	N.N.W.	6	N.N.W.	5
	8	S.E. by S.	5	S.E. by S.	4	S.S.E.	3	S.S.E.	3	S.S.E.	3	S.S.E.	3
	9	—	—	—	—	—	—	—	—	—	—	—	—
	10	Calm.	—	Calm.	—	N.N.W.	1	N.N.W.	1	Calm.	—	Calm.	—
	11	N.W. by W.	7	N.W.	4	W.N.W.	1	N.W.	2	N.W.	2	N.W.	2
	12	N.W.	4	N.	3	N.N.W.	4	N.N.W.	5	W.S.W.	3	N.N.W.	1
	13	W.	3	W.	1	W. by S.	4	W.	2	W.S.W.	5	W. by S.	2
	14	N. by W.	7	N. by W.	6	N.N.W.	5	N.N.W.	4	N.N.W.	4	N.N.W.	5
	15	W.	2	W.N.W.	3	N.W.	5	N.W.	3	N.	3	N.N.W.	4
	16	—	—	—	—	—	—	—	—	—	—	—	—
	17	N.	6	N.	6	N.	6	N.N.W.	7	N.N.W.	7	N.N.W.	7
	18	Calm.	—	Calm.	—	S.S.E.	2	Calm.	—	Calm.	—	N.N.W.	2
	19	S.S.E.	2	S.S.E.	1	S.S.E.	2	S.S.E.	2	S.S.E.	2	S.S.E.	2
	20	N.N.W.	6	N.N.W.	4	W.S.W.	7	W.	7	W.	7	N. by W.	7
	21	W.N.W.	9	W.N.W.	9	S.S.E.	9	S.W.	9	S.W.	9	S.	9
	22	S.W.	3	S.W.	2	S.W.	4	S.W. by W.	3	W.	5	W.	4
	23	—	—	—	—	—	—	—	—	—	—	—	—
	24	S.S.E.	2	S.S.E.	3	N.W.	3	N.W.	2	N.W.	1	N.W.	3
	25	E. by S.	1	E. by S.	1	E. by S.	1	E. by S.	1	E. by S.	1	E.	2
	26	N.N.W.	5	N.N.W.	4	N.N.W.	4	N.W. by W.	3	N.W. by W.	3	N.N.W.	3
	27	N.	6	N.	5	N.	5	N.	6	N.	8	N. by W.	8
	28	N.	5	N.	6	N.	6	N.	6	N.N.W.	7	N.	6
	29	N.N.W.	4	N.N.W.	4	N.N.W.	4	N.N.W.	4	N.N.W.	4	N. by E.	7
	30	—	—	—	—	—	—	—	—	—	—	—	—
	31	N.N.W.	7	N.N.W.	7	N.N.W.	7	N.W.	8	N.W.	8	N. by W.	7

DIRECTION AND FORCE OF THE WIND.

6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
Calm.	—	Calm.	—	N.W. by N.	2	N.N.W.	2	N.N.W.	1	Calm.	—	1
N. by W.	6	N.	7	N.W. by N.	8	N.	8	N.	8	N.	8	2
—	—	—	—	—	—	—	—	—	—	—	—	3
N. by W.	1	N. by W.	1	Calm.	—	Calm.	—	Calm.	—	S.S.W.	1	4
N.N.W.	3	N.N.W.	8	N.	8	N. by W.	5	N.W.	4	N.N.W.	5	5
N.N.W.	9	N.W.	7	W.S.W.	8	W.	7	N.W. by N.	7	N.W.	7	6
N.N.W.	6	N.N.W.	6	N.N.W.	4	N.N.W.	5	N.N.W.	6	N.W.	6	7
N.W. by N.	4	N.W. by N.	2	N.W.	5	N.W.	2	N.W.	1	N.W.	2	8
S.E. by S.	3	S.E.	2	S.E.	1	Calm.	—	Calm.	—	Calm.	—	9
—	—	—	—	—	—	—	—	—	—	—	—	10
N.	1	N. by W.	5	N. by W.	6	N.W. by W.	7	N.W. by W.	7	N.W. by N.	7	11
S. by W.	3	S. by W.	3	S.W. by S.	1	S.E.	2	Calm.	—	N.W.	4	12
N.W. by N.	5	N.W. by N.	5	N.W. by N.	6	N.N.W.	5	N.N.W.	6	N.N.W.	4	13
N.W.	5	W.	6	N.	2	N.N.W.	5	N.N.W.	6	N.N.W.	6	14
N.N.E.	3	N.E.	4	N.W.	6	N.N.W.	4	N.N.W.	2	N.N.W.	2	15
N.	4	N.W.	6	N.W.	6	N.W.	6	N.W.	6	N.W.	7	16
—	—	—	—	—	—	—	—	—	—	—	—	17
N. by W.	4	N. by W.	2	N.N.W.	1	Calm.	—	S.	2	Calm.	—	18
W.S.W.	5	S.S.E.	4	S.S.E.	4	S.S.E.	4	S.S.E.	2	S.S.E.	2	19
N.N.W.	5	N.N.W.	5	N.	5	N.W.	5	W.	2	N.N.W.	6	20
N.W. by N.	9	N.W. by W.	9	N.N.W.	9	N.W.	8	W.N.W.	8	N.W.	9	21
S.E.	4	S.W.	4	S.W.	3	S.W.	1	Calm.	—	Calm.	—	22
S.S.E.	4	S.S.E.	2	E.N.E.	1	E.N.E.	3	E. by N.	4	N.N.E.	4	23
—	—	—	—	—	—	—	—	—	—	—	—	24
S. by E.	6	S.S.E.	4	S.S.E.	3	S.S.E.	1	S.S.E.	1	E.S.E.	1	25
S.S.E.	3	S.S.E.	2	S.S.E.	1	S.S.E.	2	S.S.E.	2	N.N.W.	2	26
N.W. by N.	2	N. by W.	2	N.N.W.	6	N.N.W.	5	N.N.W.	7	N. by W.	6	27
N.	6	N.N.W.	5	N.N.W.	6	N.N.W.	6	N.N.W.	6	N.N.W.	6	28
N.N.E.	3	N.W.	3	N.N.W.	5	N.N.W.	5	N.N.W.	5	N.N.W.	4	29
N.N.W.	4	N.N.W.	4	N.N.W.	4	N.N.W.	3	N.	5	N.	5	30
—	—	—	—	—	—	—	—	—	—	—	—	31

MARCH.

18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
Calm.	—	N.W. by N.	3	N. by W.	4	N.N.W.	5	N. by W.	5	N.W.	7	1
—	—	—	—	—	—	—	—	—	—	—	—	2
N.N.W.	4	N.N.W.	5	N.N.W.	3	N.N.W.	4	N.N.W.	4	N. by W.	4	3
N.N.W.	7	N.N.W.	7	N.N.W.	8	N.N.W.	8	N.N.W.	6	N.N.W.	5	4
N.N.W.	8	N.	8	N.	8	N.N.W.	8	N.W. by N.	9	N.W.	9	5
N. by E.	4	N.	4	N.	4	N.	4	N.N.W.	6	N.	7	6
N.W. by N.	5	N. by W.	5	N. by W.	5	N.N.W.	4	N. by W.	5	N. by W.	7	7
S.S.E.	2	Calm.	—	Calm.	—	Calm.	—	S.E. by S.	3	S.E. by S.	4	8
—	—	—	—	—	—	—	—	—	—	—	—	9
Calm.	—	S.E.	1	S. by W.	1	Calm.	—	Calm.	—	Calm.	—	10
N.W.	1	N.N.W.	4	N.N.W.	4	N.	4	N. by W.	4	N.N.E.	2	11
W.S.W.	2	N. by W.	5	N.	6	N.	6	N.	7	N.W. by N.	6	12
W.	3	N.N.W.	2	N.N.E.	3	N. by E.	5	W. by N.	5	W.N.W.	4	13
N.N.W.	6	N.N.W.	5	N.	5	N.	4	N.N.W.	3	W.N.W.	4	14
N.W.	2	N.W.	2	N.W. by N.	4	N.W. by N.	5	N.N.W.	6	W.N.W.	6	15
—	—	—	—	—	—	—	—	—	—	—	—	16
N.N.W.	7	N.N.W.	8	N.N.W.	8	N.N.W.	8	N.N.W.	8	N.W. by N.	8	17
N.N.W.	3	N.N.W.	4	N.	3	N.N.W.	4	N.N.W.	4	N. by W.	3	18
S.S.E.	2	S.S.E.	2	N.N.E.	2	N.	1	N.	4	N.N.W.	5	19
N. by W.	4	N.W.	5	N.W.	5	N.W.	6	N.N.W.	6	N.N.W.	6	20
W.	9	S.S.W.	7	S.S.W.	8	S.W.	8	S.W.	9	S.W.	9	21
W.	3	S.W.	3	W.	2	Calm.	—	S. by E.	4	S.	6	22
—	—	—	—	—	—	—	—	—	—	—	—	23
N.W.	3	N.W.	5	N.N.W.	6	N.N.W.	5	N.N.W.	4	N.	4	24
N.E.	2	N.E.	2	N.E.	2	N.E.	2	N.E. by N.	2	S.E.	2	25
N.N.W.	3	N. by W.	4	N. by W.	4	N.N.W.	5	N.N.W.	5	N.N.W.	5	26
N. by W.	8	N.N.W.	8	N.N.W.	7	W.N.W.	7	N.W.	8	N.W.	7	27
N.N.W.	5	N.	4	N.	3	N.	5	S.W.	6	W.S.W.	7	28
N.	7	N. by E.	7	N.	7	N.	6	N.W. by N.	4	N.N.W.	2	29
—	—	—	—	—	—	—	—	—	—	—	—	30
N.N.W.	7	N.	6	N.W. by N.	7	N.W. by N.	7	N.W. by N.	7	N.N.W.	7	31

MARCH.

DIRECTION AND FORCE OF THE WIND.														
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .			
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		
APRIL.	1	N.N.W.	7	N.W. by N.	7	N.W. by N.	8	N.N.W.	7	N.W. by N.	7	N.	5	
	2	S.W.	6	S.S.W.	4	S.S.W.	6	S.S.W.	6	W.	6	S.S.W.	6	
	3	S. by E.	3	S.S.E.	3	S.E. by S.	2	S.S.E.	4	S.S.E.	4	S.S.E.	1	
	4	N. by E.	1	N. by E.	2	S.E.	2	S.E. by S.	3	S.S.E.	3	S.S.E.	2	
	5	N.	5	N.W.	4	N.W.	2	S.	1	S.	1	N.N.W.	3	
	6	E.N.E.	3	S.W.	5	S.S.W.	6	W.S.W.	6	S.W. by W.	5	W.S.W.	6	
	7	—	—	—	—	—	—	—	—	—	—	—	—	—
	8	N.W. by N.	1	N.N.E.	2	S.E.	4	S.E.	4	S.S.E.	4	S.S.E.	3	
	9	N.N.W.	3	Calm.	—	S.S.E.	2	S.S.E.	2	S.S.E.	2	S.	2	
	10	N. by W.	2	N.W.	2	S.	2	S.	2	S.	2	S.	2	
	11	N.W. by W.	6	N.W.	3	N.W.	1	N.W. by N.	1	Calm.	—	Calm.	—	
	12	N.W. by N.	3	N.N.W.	4	N.N.W.	5	N.N.W.	6	N.W.	6	N.W.	5	
	13	N.W. by W.	4	N.W.	5	N.W.	5	N.W.	6	N.N.W.	5	N.N.W.	5	
	14	—	—	—	—	—	—	—	—	—	—	—	—	—
	15	S.	3	S. by E.	3	S.	3	S.	3	S.	4	S.	3	
	16	N.	1	Calm.	—	S.E.	1	S.E.	2	S.E.	2	S.E.	1	
	17	N. by W.	1	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	
	18	N.N.W.	8	N.N.W.	7	N.N.W.	6	N.	7	N.	7	N.W. by N.	7	
	19	N.W. by N.	8	N.N.W.	7	N.	8	N. by W.	7	N.W.	7	N.W.	7	
	20	S.S.E.	4	S.W.	6	S.W. by W.	5	S.W.	5	S.W.	5	S.	4	
	21	—	—	—	—	—	—	—	—	—	—	—	—	—
	22	N.	5	N.W. by N.	5	N.W. by N.	5	N. by W.	5	N.	4	N.W. by N.	2	
	23	N.	3	N.	3	S.S.E.	2	S.S.E.	3	S.S.E.	3	S.S.E.	2	
	24	N.W.	6	N.	6	N.	7	N.	7	N.	8	N.	8	
	25	N.	7	N.W.	4	W.N.W.	5	W.N.W.	5	N.N.W.	4	N. by W.	5	
	26	N.N.W.	7	N.N.W.	8	N.N.W.	8	N.N.W.	8	N.N.W.	8	N.	3	
	27	S.S.E.	1	S.S.E.	1	Calm.	—	Calm.	—	S.S.E.	1	Calm.	—	
	28	—	—	—	—	—	—	—	—	—	—	—	—	—
	29	N. by W.	7	N.	6	N. by W.	6	N.W. by W.	4	N.N.W.	5	N.W.	5	
	30	N.	2	N. by W.	4	E. by S.	3	N. by W.	4	N.W.	4	N. by W.	3	

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .			
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		
APRIL.	1	N.W.	3	N.W. by N.	3	N.E.	1	N.W.	3	N.E. by N.	4	N.	4	
	2	W.	2	N.W.	2	N.W.	2	N.W.	2	N.W.	2	N.W.	3	
	3	Calm.	—	Calm.	—	Calm.	—	W.S.W.	3	W.S.W.	3	W.S.W.	2	
	4	S.S.E.	1	S.S.E.	2	N.N.W.	3	N.W.	4	N.W.	3	N.W.	3	
	5	S.S.E.	5	S.S.E.	5	S.S.E.	6	S. by E.	6	S. by E.	5	S.W.	3	
	6	—	—	—	—	—	—	—	—	—	—	—	—	
	7	S.W. by W.	3	N.W. by N.	4	N.W. by N.	4	N.N.W.	4	N.N.W.	4	N.N.W.	4	
	8	Calm.	—	Calm.	—	Calm.	—	N.W. by N.	3	N.W. by N.	3	N.W.	6	
	9	Calm.	—	Calm.	—	N. by W.	1	N. by W.	1	N.N.W.	1	N.N.W.	3	
	10	N.W. by W.	2	N.N.W.	3	N.N.W.	4	N.N.W.	5	N.	7	N.	8	
	11	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	
	12	N.N.W.	1	N.W. by N.	4	N.W. by N.	3	N.	—	N.	3	N.N.W.	3	
	13	—	—	—	—	—	—	—	—	—	—	—	—	
	14	N.W. by W.	1	N.W. by W.	1	N.W. by W.	1	Calm.	—	Calm.	—	Calm.	—	
	15	N.W.	1	N.N.W.	1	Calm.	—	N. by W.	3	N.	2	N.	1	
	16	N.E. by N.	1	Calm.	—	N.E.	1	N.E.	2	N.N.E.	2	N.N.E.	2	
	17	N.N.W.	1	N.N.W.	1	N.N.W.	3	N.N.W.	3	N.N.W.	3	N. by W.	6	
	18	N.W.	6	N.N.W.	6	N. by W.	7	N. by W.	6	N.W. by N.	4	N.N.W.	4	
	19	N.W. by W.	5	N.W.	5	N.W. by W.	6	N.W.	5	N.N.W.	5	W.N.W.	5	
	20	—	—	—	—	—	—	—	—	—	—	—	—	—
	21	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	1	N.N.W.	2	N. by E.	1	
	22	S.E. by S.	2	S.S.W.	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—	—
	23	N.W. by N.	5	N.N.E.	4	N.N.W.	4	N.N.W.	4	N.N.W.	5	N. by W.	7	
	24	N.N.W.	4	N.N.W.	6	N. by W.	6	N.N.E.	5	N.	6	N.N.W.	5	
	25	N.N.W.	5	N. by W.	6	N.N.W.	7	N.N.W.	7	N.N.W.	3	N.N.W.	3	
	26	N.N.W.	2	N.N.W.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	—
	27	—	—	—	—	—	—	—	—	—	—	—	—	—
	28	N.	5	N.N.W.	5	N.N.W.	5	N.W. by W.	6	N.W. by N.	6	N.W. by W.	5	
	29	N.N.W.	7	N.N.W.	7	N.W.	5	W.N.W.	3	S.S.W.	3	S.W.	3	
	30	N.N.W.	3	N.W. by N.	2	N.N.W.	2	N.N.W.	3	N.N.W.	3	N.N.W.	3	

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.N.W.	6	N.W.	7	N.W.	7	N.W.	7	N.W.	7	N.W.	4	1
W.	4	W.	2	W. by N.	5	W. by N.	3	W.	2	W.	2	2
S.S.E.	1	S.S.E.	1	W.S.W.	2	W.	1	W.	1	Calm.	—	3
S.S.E.	1	S.S.E.	2	S.S.E.	1	S.S.E.	3	S.S.E.	2	S.S.E.	1	4
N.	3	N.N.W.	3	N.N.W.	5	Calm.	—	N.W.	3	S.S.W.	5	5
W.	6	S.W. by S.	5	S.S.W.	4	W.S.W.	5	W. by S.	4	N.W.	3	6
—	—	—	—	—	—	—	—	—	—	—	—	7
S.S.E.	2	S.S.E.	2	S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	1	8
S. by W.	3	S.S.W.	2	S.S.W.	2	S.S.W.	1	Calm.	—	Calm.	—	9
S.	2	S.	2	S.	1	S.	1	S.	1	S.	1	10
Calm.	—	N.N.W.	5	N.N.W.	5	Calm.	—	N.N.W.	2	Calm.	—	11
N.N.W.	3	N.N.W.	2	N.N.W.	1	N.N.W.	2	N.W. by N.	2	N.W. by N.	2	12
N.N.W.	5	N.N.W.	5	N.N.W.	5	N.N.W.	2	N.N.W.	2	N.N.W.	2	13
—	—	—	—	—	—	—	—	—	—	—	—	14
S.	2	S.	2	S.	3	S.	2	N.W.	2	N.W.	2	15
S.E.	1	S.E.	2	S.E.	3	N.E. by N.	1	N.E. by N.	1	N.E. by N.	1	16
N.W. by N.	1	N. by W.	1	N.N.W.	4	N.N.W.	4	N.N.W.	4	N.N.W.	3	17
N.W. by N.	7	N.W. by N.	5	N.W.	6	N.W.	7	N.W.	7	N.W.	7	18
S.E. by E.	8	S. by W.	3	S.W.	8	W.	6	W.	5	N.W.	6	19
S.S.E.	4	S.S.W.	4	W.	6	W.S.W.	5	N.W.	2	W.N.W.	2	20
—	—	—	—	—	—	—	—	—	—	—	—	21
N.W.	4	S.S.E.	4	S.	4	S. by E.	3	S. by E.	2	S.E. by S.	3	22
S.S.E.	1	S.	1	S. by E.	1	Calm.	—	N.	3	N.N.W.	5	23
N.W.	5	N.W. by N.	6	N.N.W.	4	N.N.W.	5	N.N.W.	5	N.N.W.	5	24
N. by W.	5	N. by W.	3	N. by W.	3	N.W.	4	N.N.W.	5	N.N.W.	5	25
N.	3	N.	4	S. by E.	7	Calm.	—	E.N.E.	1	N.	2	26
N.N.E.	1	N.N.W.	2	W.	1	W.	5	W.	5	W.	3	27
—	—	—	—	—	—	—	—	—	—	—	—	28
N.W.	6	N.N.W.	5	N.N.W.	6	N.N.W.	5	N. by W.	5	N.N.W.	4	29
N.W.	3	N.W. by W.	2	Calm.	—	N.W.	1	Calm.	—	Calm.	—	30

APRIL.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.	8	S.S.W.	7	S.W.	7	S.S.E.	6	S.W.	7	S.W.	8	1
N.W.	3	N.W. by N.	4	N. by W.	3	N.	2	N.	2	S.S.E.	3	2
W.N.W.	2	W.N.W.	2	W.N.W.	1	N.N.W.	1	N.N.W.	2	N. by E.	1	3
N.W.	4	N.W.	4	N.W.	4	N.N.W.	5	N.W. by N.	6	N.N.W.	5	4
N.W.	4	S.W.	4	S.S.W.	2	S.W. by W.	3	W.S.W.	4	S.W. by W.	4	5
—	—	—	—	—	—	—	—	—	—	—	—	6
N.N.W.	4	N.W.	5	N. by W.	5	N.W. by N.	3	N.W. by N.	2	N.W. by N.	3	7
N.W.	6	N.W. by N.	6	N.W.	6	N.N.W.	5	N.N.W.	5	N.N.W.	4	8
N.N.W.	2	N.N.W.	3	Calm.	—	N. by W.	5	N. by W.	5	N. by W.	4	9
N.	8	N.W.	7	N.N.W.	7	N.N.W.	7	N.W.	7	N.W.	6	10
Calm.	—	N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	2	N.N.W.	1	11
Calm.	—	Calm.	—	Calm.	—	N. by W.	4	N.W. by W.	4	N.W. by W.	5	12
—	—	—	—	—	—	—	—	—	—	—	—	13
Calm.	—	Calm.	—	Calm.	—	N.	1	N.	1	S.	3	14
N.	1	N.	1	N.	1	N.	3	N.N.W.	3	Calm.	—	15
N.N.E.	1	Calm.	—	N.W.	3	N.W.	3	N. by W.	2	N.N.W.	2	16
N. by W.	6	N.N.W.	7	N.N.W.	7	N.N.W.	8	N.N.W.	7	N.N.W.	7	17
N.N.W.	4	N.N.W.	3	N.W. by N.	4	N.W.	6	N.W. by N.	6	N.W. by N.	7	18
N.W.	3	S.W.	2	S.W.	2	S.W. by S.	6	S.W.	6	S.	7	19
—	—	—	—	—	—	—	—	—	—	—	—	20
Calm.	—	Calm.	—	Calm.	—	N.N.W.	4	N.N.W.	5	N.	5	21
Calm.	—	Calm.	—	Calm.	—	N.N.E.	2	N.	3	N.	4	22
N.W.	7	N.W.	7	N.N.W.	7	N.W. by N.	6	N.W. by N.	5	N.W. by N.	6	23
N.W. by N.	4	N.W. by N.	2	N. by W.	5	N. by W.	5	N. by W.	6	N.	6	24
N.N.W.	3	N.N.W.	3	N.W. by N.	3	N. by W.	6	N. by W.	3	N. by W.	5	25
N.N.W.	1	N.N.W.	1	N.N.W.	2	N.N.W.	1	Calm.	—	N. by W.	1	26
—	—	—	—	—	—	—	—	—	—	—	—	27
N.W. by W.	5	N.W. by W.	5	N.N.W.	4	N.N.W.	6	N. by W.	7	N.	7	28
S.S.W.	2	S. by W.	2	S.	2	Calm.	—	S.	2	N.	1	29
Calm.	—	N.N.W.	3	N.N.W.	3	N.N.W.	4	N.	4	N.N.E.	5	30

APRIL.

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
MAY.	1	N.	5	N.	5	S.	4	S.E.	2	N.N.E.	2	N.E. by N.	3
	2	E.S.E.	2	S.W. by S.	2	N. by W.	2	S. by W.	2	S.	1	S.	2
	3	N.N.W.	3	N.N.W.	4	N.N.W.	2	N.N.W.	2	N.N.W.	3	N.N.W.	2
	4	N. by W.	6	N.N.W.	6	N. by W.	6	N. by W.	4	N. by W.	3	N. by W.	5
	5	—	—	—	—	—	—	—	—	—	—	—	—
	6	S.E.	2	S.E.	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	7	N.W. by N.	1	N.	1	N.	1	N.	1	N.	1	Calm.	—
	8	N.N.W.	6	N.N.W.	6	N.N.W.	5	N.N.W.	4	S.S.W.	2	S.S.W.	2
	9	N.W. by N.	4	N.	2	N.	1	N.N.W.	1	N.N.W.	2	N.W. by N.	3
	10	N.N.W.	6	N.N.W.	6	N. by W.	6	N.W. by N.	6	N.N.W.	6	N.N.W.	5
	11	N. by W.	3	N.N.W.	3	N.N.W.	3	S.E.	4	S.E.	4	S.S.E.	5
	12	—	—	—	—	—	—	—	—	—	—	—	—
	13	N.W.	2	N.W.	2	N.W. by N.	3	N.	2	N.W.	3	S.S.E.	1
	14	N. by E.	1	N.E. by N.	1	N.E. by N.	1	N.E. by N.	1	N.E. by N.	1	W.N.W.	1
	15	N.	1	N.W.	2	Calm.	—	N. by W.	1	Calm.	—	Calm.	—
	16	N. by W.	6	N. by W.	3	N.	5	N. by W.	6	N. by W.	6	N.N.W.	4
	17	N.N.W.	4	N.W. by N.	6	N.W. by N.	7	N.W.	9	N.W.	9	N.W.	8
	18	Calm.	—	Calm.	—	Calm.	—	N.N.W.	3	N.W.	6	N.W.	5
	19	—	—	—	—	—	—	—	—	—	—	—	—
	20	N. by W.	7	N.W. by N.	8	N.W.	8	N.W.	8	N.W.	6	N.W. by W.	6
	21	N.W. by N.	5	N.W. by N.	5	N.W. by N.	5	N.W. by N.	4	N.W. by N.	5	N.W. by N.	5
	22	N.	2	S.E. by E.	2	N.W.	4	N.W.	4	N.W.	6	W.	3
	23	N. by E.	3	S.E.	3	S.S.E.	3	S.S.E.	3	S.S.E.	3	S.S.E.	3
	24	N.W.	4	N.W.	4	N.W. by N.	1	Calm.	—	Calm.	—	S.	1
	25	N.N.W.	4	N.N.W.	3	N.N.W.	3	N.N.W.	3	N.W.	3	N.W.	4
	26	—	—	—	—	—	—	—	—	—	—	—	—
	27	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	28	N.N.W.	4	N. by W.	3	N. by W.	1	Calm.	—	Calm.	—	N.N.W.	2
	29	N.W. by N.	6	N.N.W.	7	N.N.W.	6	N.N.W.	5	N.	4	N.	5
	30	N. by E.	7	N. by E.	7	N.	5	N. by W.	6	N.N.W.	6	N.	6
	31	N. by W.	5	N.N.E.	2	N. by W.	5	N.	4	N.W. by N.	5	N.N.W.	6

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
MAY.	1	N.W. by N.	7	N.W. by N.	7	N.N.W.	7	N.N.W.	7	N.W. by N.	8	N.W. by N.	8
	2	Calm.	—	N.N.W.	2	N.N.W.	3	N.N.W.	4	N.N.W.	3	N. by W.	1
	3	N.W.	5	N.W. by N.	6	N. by W.	6	N. by W.	6	N.	6	N.N.W.	6
	4	—	—	—	—	—	—	—	—	—	—	—	—
	5	S.	1	Calm.	—	N.N.W.	1	N.N.W.	1	Calm.	—	N.W.	4
	6	Calm.	—	S.S.E.	1	W.N.W.	1	Calm.	—	Calm.	—	N.W.	2
	7	N.W. by N.	5	N.W. by N.	5	N.W. by N.	4	N.N.W.	6	N. by W.	5	N. by W.	5
	8	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	9	N.W. by N.	6	N.W.	6	N.W.	6	N.W.	5	N.W.	5	N. by W.	6
	10	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.E.	2
	11	—	—	—	—	—	—	—	—	—	—	—	—
	12	Calm.	—	Calm.	—	N.	2	N. by E.	2	N.W.	2	N.W.	4
	13	N. by W.	3	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	N. by W.	2
	14	N.N.W.	5	N.W.	5	N.N.W.	6	N.N.W.	6	N.N.W.	6	N.N.E.	7
	15	N.	5	N.	3	N.	5	N. by W.	6	N.	7	N. by W.	7
	16	N.N.W.	6	N.N.W.	7	N.N.W.	6	N.N.W.	6	N.W.	6	N.W.	7
	17	N.W.	6	N.W.	6	N.W. by N.	6	N.W. by N.	6	N.W. by N.	6	N.	7
	18	—	—	—	—	—	—	—	—	—	—	—	—
	19	N.W.	8	N.W.	8	N.W.	8	N.N.W.	8	N.N.W.	7	N.N.W.	7
	20	N.W.	4	N.N.W.	4	N.N.W.	5	N.N.W.	3	N.N.W.	3	N.N.W.	5
	21	N.	6	N.N.W.	6	N.N.W.	2	N.N.W.	4	N.N.W.	5	N. by W.	4
	22	N.W. by N.	1	N.W. by N.	2	N.W. by N.	3	N.N.W.	3	N.N.W.	3	N.	4
	23	N.	1	N.N.E.	2	N.W.	1	Calm.	—	N.W.	1	N.W.	2
	24	N.N.W.	2	N.W. by N.	2	N.	4	N.W. by N.	5	N.W. by N.	3	N.W.	3
	25	—	—	—	—	—	—	—	—	—	—	—	—
	26	N.	1	N.	1	N.	1	N.	1	Calm.	—	N.W.	1
	27	Calm.	—	N.N.W.	4	N.W. by N.	3	N.W.	5	N.W.	2	N.N.W.	3
	28	N.W.	2	N.W.	3	N.W.	4	N.W.	5	N.W.	5	N.W.	3
	29	N.W.	6	N.W. by N.	5	N.W. by N.	5	N.W. by N.	5	N.W. by N.	5	N.W.	6
	30	N. by W.	7	N.N.W.	7	N.W. by N.	7	N.W.	7	N.	6	N.N.W.	6
	31	N. by W.	7	N. by W.	7	N. by W.	7	N.	7	N.	7	N. by W.	7

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.N.E.	3	N.N.E.	3	N.N.E.	4	N.N.W.	5	N.W. by N.	6	N. by W.	7	1
Calm.	—	W.N.W.	1	S.W. by S.	2	Calm.	—	Calm.	—	Calm.	—	2
N.N.W.	2	N.N.W.	1	Calm.	—	N.N.W.	2	N.N.W.	2	N.N.W.	4	3
N.W. by N.	7	N.W. by N.	8	N.N.W.	7	N.W. by N.	8	N.W. by N.	7	N.W. by N.	7	4
—	—	—	—	—	—	—	—	—	—	—	—	5
S.E.	1	S.E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	6
N.	1	N.	1	N.N.W.	1	N.N.W.	2	N.N.W.	2	N.W. by N.	5	7
Calm.	—	S.E.	1	S. by W.	1	S.S.E.	3	S.S.E.	3	S.S.E.	3	8
N.W.	4	N.W.	5	N.W.	5	N.W. by N.	5	N.W. by N.	5	N.W.	5	9
N.N.W.	6	N.N.W.	7	N.N.W.	6	N.N.W.	4	N.W. by N.	1	N.W. by N.	1	10
S.S.E.	4	S. by E.	1	S. by E.	1	Calm.	—	Calm.	—	Calm.	—	11
—	—	—	—	—	—	—	—	—	—	—	—	12
S.S.E.	1	S.S.E.	3	N.	1	N.N.W.	1	N.N.W.	5	N. by W.	3	13
W.N.W.	1	N. by E.	3	N. by E.	4	N.N.W.	6	N. by W.	5	N.N.W.	5	14
W.N.W.	4	N.W.	2	N.N.W.	2	Calm.	—	N.N.W.	2	N.N.W.	3	15
N.	7	N. by W.	7	N. by W.	6	N.N.W.	6	N.N.W.	5	N.N.W.	6	16
N.N.W.	8	N. by W.	8	W. by N.	7	N.W.	7	N.W.	7	N.W.	6	17
W.N.W.	4	W.	5	W.N.W.	5	N.W. by N.	5	N.W. by N.	5	N.W. by N.	5	18
—	—	—	—	—	—	—	—	—	—	—	—	19
N.W.	6	N.	6	N.N.W.	4	N.W.	6	N.W.	5	N.W.	4	20
N.W. by N.	5	N.W. by N.	4	N.W. by N.	5	N.W. by N.	5	N.W. by N.	5	N.W. by N.	5	21
S.E. by S.	1	N.N.W.	2	Calm.	—	N.N.W.	4	W.	2	W.S.W.	1	22
S.S.E.	2	S.S.E.	1	S.S.E.	1	S.S.E.	1	Calm.	—	N.	1	23
S.	1	Calm.	—	S.	1	S.	1	S.	1	N.E. by N.	1	24
W.	4	N.W.	4	N.W.	6	N.W.	6	N.W.	6	N.W.	7	25
—	—	—	—	—	—	—	—	—	—	—	—	26
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	27
S.S.W.	2	S.S.W.	2	S.S.W.	2	W.	1	W.N.W.	2	N.W. by W.	1	28
N.	5	N.N.W.	5	N.N.W.	5	N. by W.	5	N. by W.	5	N. by W.	6	29
N.	6	N.	7	N.	6	N. by W.	5	N. by W.	7	N. by W.	8	30
N.	6	N.	7	N. by W.	7	N.N.W.	7	N.N.W.	7	N. by W.	6	31

MAY.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.W. by N.	8	N.W. by N.	7	N.W. by N.	7	N.W. by N.	7	N.	6	N.E. by N.	4	1
N. by W.	1	N. by W.	2	N.N.W.	2	Calm.	—	N.N.W.	1	N.N.W.	3	2
N.N.W.	7	N.N.W.	7	N.N.W.	6	N.N.W.	7	N.N.W.	7	N. by W.	6	3
—	—	—	—	—	—	—	—	—	—	—	—	4
N.N.W.	5	N.W. by N.	5	N.N.W.	4	N.N.W.	3	S.E.	2	S.E.	2	5
N.W. by N.	2	N.W. by N.	1	N.W.	3	N.W. by N.	2	N.W. by N.	1	N.W. by N.	1	6
N. by W.	6	N.N.W.	4	N.W. by N.	2	N.W. by N.	3	N.W. by N.	5	N.W. by N.	6	7
Calm.	—	Calm.	—	S.S.E.	1	Calm.	—	Calm.	—	N.W. by N.	2	8
N.N.W.	7	N.W.	8	N.N.W.	7	N.N.W.	7	N.N.W.	6	N.N.W.	6	9
N.N.E.	2	N.N.E.	3	N.N.E.	3	N.N.E.	3	N.	2	N.	2	10
—	—	—	—	—	—	—	—	—	—	—	—	11
N.	4	N.W.	4	N.W.	4	N.W.	5	N.W.	3	N.W.	2	12
N. by W.	2	N.W.	2	N.W.	2	N.	1	N.	1	N. by E.	1	13
N.E. by E.	2	N.N.E.	1	N.	1	N. by W.	2	N. by W.	2	N. by W.	2	14
N.N.W.	7	N.N.W.	6	N.N.W.	4	N.N.W.	6	N.N.W.	4	N.N.W.	5	15
N.	6	N.N.W.	6	N.N.W.	6	N. by W.	3	N.	4	N. by W.	3	16
N.W. by N.	5	N.W.	6	N.N.W.	7	N.N.W.	5	S.S.W.	2	S.	2	17
—	—	—	—	—	—	—	—	—	—	—	—	18
N.N.W.	7	N.N.W.	7	N.N.W.	7	N.N.W.	7	N.N.W.	7	N. by W.	7	19
N.N.W.	5	N.N.W.	6	N. by W.	6	N.N.W.	6	N.N.W.	6	N.N.W.	5	20
N. by W.	4	N. by W.	5	N. by W.	4	N.	4	N.	4	N.	4	21
N.	5	N. by W.	3	N. by W.	2	E.S.E.	2	E.S.E.	3	N.	3	22
N.W. by N.	1	N.W. by N.	1	N.W.	1	N.W.	3	N.W.	3	N.W.	3	23
N.W.	3	N.W. by N.	2	N.W. by N.	3	N.N.W.	4	N.N.W.	4	N.N.W.	4	24
—	—	—	—	—	—	—	—	—	—	—	—	25
N. by W.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	26
N.W. by N.	4	N.W.	6	N. by W.	4	N.	5	N.	5	N.N.W.	4	27
N.W. by N.	2	N.	5	N.	5	N.	5	N. by E.	5	N.W. by N.	6	28
N.W. by N.	6	N.N.W.	7	N.	7	N.W. by N.	7	N.N.W.	7	N. by W.	6	29
N.N.W.	5	N.N.W.	5	N. by W.	5	N. by W.	5	N.	6	N.	6	30
N. by W.	7	N. by W.	7	N. by W.	6	N.N.W.	6	N. by W.	7	N.W. by N.	5	31

MAY.

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3.		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
JUNE.	1	N.W. by N.	7	N.N.W.	7	N.N.W.	7	N.W.	7	N.W.	5	N.N.W.	5
	2	—	—	—	—	—	—	—	—	—	—	—	—
	3	N.N.W.	9	N. by W.	9	N. by W.	10	N.	10	N.	10	N.W.	8
	4	N. by W.	8	N.	7	N.	7	N.	7	N. by W.	6	N.W.	6
	5	N. by W.	9	N.	9	N. by W.	9	N.W.	8	N.N.W.	5	N.N.W.	6
	6	N. by W.	4	N. by W.	5	N. by W.	5	N. by W.	6	N.	5	N.	4
	7	N.W.	9	N.N.W.	9	N.W.	9	N.W. by W.	9	W. by N.	10	W.N.W.	10
	8	Calm.	—	Calm.	—	N.	1	N.N.W.	3	N.N.W.	5	N. by W.	4
	9	—	—	—	—	—	—	—	—	—	—	—	—
	10	N. by W.	3	N.W. by N.	4	N.W. by N.	3	N.W. by N.	3	W.S.W.	1	S.E.	1
	11	N.	3	Calm.	—	Calm.	—	Calm.	—	N.	1	N.	1
	12	N. by W.	2	N.N.W.	3	N.N.W.	1	N.N.W.	1	Calm.	—	Calm.	—
	13	N.N.W.	3	N.W. by N.	1	Calm.	—	Calm.	—	S.E.	3	S.E.	1
	14	Calm.	—	N.W.	2	N.W.	1	N.W.	1	Calm.	—	Calm.	—
	15	N.N.W.	4	N.N.W.	4	N.	4	N.	4	N.	2	N.	1
	16	—	—	—	—	—	—	—	—	—	—	—	—
	17	N.N.W.	2	N.N.W.	1	Calm.	—	Calm.	—	Calm.	—	N.N.W.	3
	18	N.N.W.	2	N.N.W.	1	N.N.W.	3	N.W.	7	W.N.W.	7	N.N.W.	3
	19	N.N.W.	5	N.	6	N.W.	6	N.W.	4	N.W.	4	N.W.	3
	20	N.	6	N.N.W.	5	N. by W.	6	N.N.W.	5	N.W. by N.	5	N.N.W.	4
	21	W.S.W.	4	S.W.	5	W.S.W.	6	W.S.W.	6	N.N.W.	4	N.N.W.	4
	22	N.W. by W.	2	N.W. by W.	5	N.N.W.	4	N.W.	6	N.	3	N. by E.	4
	23	—	—	—	—	—	—	—	—	—	—	—	—
	24	N.	6	N.	6	N.	6	N. by W.	5	N. by W.	5	N.W.	3
	25	S.	7	S. by W.	4	S.W.	5	S.S.W.	6	S.W.	5	W.S.W.	5
	26	S. by E.	7	S.S.W.	7	S.S.W.	7	S.	7	S.	8	S.	8
	27	Calm.	—	S.	2	S.	2	S.	2	S.	2	S.	2
	28	N.N.W.	1	N.N.W.	1	Calm.	—	Calm.	—	Calm.	—	N.	3
	29	N.W.	2	N.W.	2	N.W.	2	N.N.W.	3	N.N.W.	3	N.N.W.	3
	30	—	—	—	—	—	—	—	—	—	—	—	—

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
JUNE.	1	—	—	—	—	—	—	—	—	—	—	—	
	2	N.N.W.	9	N.N.W.	8	N.N.W.	8	N.	9	N.N.W.	9	N.N.W.	9
	3	N.N.W.	8	N. by W.	7	N.	7	N.	7	N.	7	N.	7
	4	N.N.W.	4	N. by W.	4	N. by W.	5	N.	7	N.	8	N. by W.	6
	5	N.	6	N. by W.	7	N.N.W.	7	N.N.W.	6	N. by W.	7	N.W. by N.	6
	6	N.N.W.	8	N.N.W.	8	N.N.W.	7	N.N.W.	8	N.N.W.	8	N.N.W.	9
	7	N.W. by N.	5	N.E.	4	N. by E.	4	N. by E.	4	N.	3	N.	2
	8	—	—	—	—	—	—	—	—	—	—	—	—
	9	N.W.	3	N.W. by N.	3	N.E.	1	N.E. by N.	1	N.W.	4	N.W. by N.	4
	10	N. by W.	1	N.	1	Calm.	—	N.	1	N.	2	N.	1
	11	N.	1	N.	1	N.	2	N.N.W.	3	N.N.W.	2	N.N.W.	2
	12	Calm.	—	Calm.	—	Calm.	—	N.W. by N.	2	N.W. by N.	3	Calm.	—
	13	N.W. by W.	3	N.W.	2	N.W.	1	N.W.	1	N.W.	1	N.W.	1
	14	N.N.W.	2	Calm.	—	N.N.W.	1	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1
	15	—	—	—	—	—	—	—	—	—	—	—	—
	16	N.N.W.	3	N.N.W.	3	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	1
	17	N.W.	1	N.W.	1	N.W.	1	N.W. by N.	2	N.N.W.	2	N.N.W.	2
	18	N.	7	N. by W.	5	N. by W.	4	N.W.	3	N.W.	1	N.N.W.	1
	19	N.	5	N.N.W.	7	N.W.	8	N.W.	5	N.N.W.	5	N.W.	5
	20	N. by W.	6	N. by W.	5	N.N.W.	5	N.W. by N.	5	N.W.	5	N.N.W.	5
	21	N.W.	9	N.W.	9	N.W.	9	N.W. by N.	8	N.W. by N.	7	N.W. by N.	7
	22	—	—	—	—	—	—	—	—	—	—	—	—
	23	N.N.W.	7	N.N.W.	7	N.N.W.	7	N.N.W.	7	N.N.W.	7	N.N.W.	7
	24	N. by W.	4	N. by W.	1	N. by W.	3	N.N.W.	3	N.	5	N. by W.	6
	25	S.S.W.	6	W.S.W.	6	W.S.W.	2	W.S.W.	5	S.	6	S.	7
	26	S.	5	S. by W.	5	S. by W.	4	S. by W.	3	S. by W.	3	S. by E.	2
	27	S.	2	S. by E.	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	28	Calm.	—	Calm.	—	N.	3	N.N.W.	4	N.N.W.	4	N.N.W.	4
	29	—	—	—	—	—	—	—	—	—	—	—	—
	30	N.W. by N.	3	N.N.W.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	2	N.W. by N.	2

DIRECTION AND FORCE OF THE WIND.

6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N. by W.	5	N.	5	N.N.W.	3	N. by W.	2	N.N.E.	2	N.N.E.	2	1
N.N.W.	7	N.N.W.	9	N. by W.	9	N. by W.	8	N. by W.	8	N. by W.	8	2
N.	6	N. by E.	7	N.	7	N.	3	N. by W.	4	N. by W.	3	3
N. by W.	8	N. by W.	8	N.W. by N.	6	N.N.W.	7	N.N.W.	7	N.N.W.	6	4
N. by E.	5	N.	4	N. by W.	5	N.W. by N.	6	N.N.W.	6	N. by W.	7	5
N.W.	9	N.W.	7	N.W.	6	N.W.	5	N.W.	5	N. by W.	6	6
N.N.W.	4	N.N.W.	5	N. by E.	4	N. by W.	6	N. by W.	6	N. by W.	7	7
Calm.	—	N.N.W.	6	N.N.W.	6	N.N.W.	5	N.E. by N.	3	N.E. by N.	3	8
N.	1	N.	1	Calm.	—	Calm.	—	N.	2	N.	2	9
Calm.	—	N.N.W.	1	N.N.W.	1	Calm.	—	Calm.	—	Calm.	—	10
S.E.	1	S.E.	1	S.E.	1	S.E.	1	S.E.	2	Calm.	—	11
N.W.	2	N.W.	1	N.W.	2	N.W.	1	N.W.	2	N.W.	1	12
Calm.	—	Calm.	—	N.	4	N.	5	N.N.W.	5	N.N.W.	6	13
N.N.W.	1	N. by W.	4	N.N.W.	6	N.W.	5	N.W.	3	N.W.	3	14
N.N.W.	5	N.N.W.	6	N.N.W.	6	N.N.W.	6	N. by W.	6	N.	7	15
N.W.	3	N.N.W.	5	N.	6	N.N.W.	5	N.N.W.	5	N.N.W.	5	16
N.W.	5	N.N.W.	4	N.W.	5	N.W.	5	N.W.	5	N.	6	17
N.N.W.	5	N.N.W.	4	N.N.W.	5	N.	9	N.W. by N.	7	N.	6	18
N.	6	N.N.W.	7	N.N.W.	7	N.N.W.	4	N.	9	N.W. by N.	9	19
S.W.	3	W.N.W.	2	N.W.	2	N. by W.	5	N. by W.	4	N. by W.	3	20
Calm.	—	S.W.	3	S.W.	3	S.W.	5	S.W.	5	S.S.W.	4	21
S.	8	S. by E.	7	S.S.W.	8	S.	7	S.	7	S.	6	22
S.	2	S.	2	S.	2	S.	2	S.	2	S.	2	23
N.	2	N.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	24
N.N.W.	2	N.W. by N.	2	N.W. by N.	2	N.N.W.	3	N.N.W.	2	N.N.W.	3	25
—	—	—	—	—	—	—	—	—	—	—	—	26

JUNE.

18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
—	—	—	—	—	—	—	—	—	—	—	—	1
N.N.W.	9	N.N.W.	8	N.N.W.	7	N.N.W.	7	N.N.W.	8	N.N.W.	9	2
N.	7	N.	7	N.	5	N.W.	6	N.W. by W.	8	N.	8	3
N.N.W.	7	N.N.W.	8	N.N.W.	9	N.N.W.	9	N.N.W.	10	N. by W.	9	4
N.W. by N.	6	N.W. by N.	7	N.N.W.	6	N.	7	N. by W.	6	N. by W.	5	5
N.N.W.	8	N.N.W.	4	N.N.W.	4	N.N.W.	4	N.W. by N.	6	N.W. by N.	8	6
N.	2	N. by E.	2	N. by E.	3	N. by E.	3	N. by E.	2	N. by E.	1	7
N.W. by N.	5	N.W. by N.	3	N.W. by N.	1	N.	3	N.	3	N.	3	8
N.	1	N.	1	N.	2	N. by W.	2	N.	2	N.	3	9
N.N.W.	3	N.N.W.	1	Calm.	—	N. by W.	2	N. by W.	2	N. by W.	2	10
N.N.W.	2	Calm.	—	N. by W.	5	N.N.W.	4	N.N.W.	3	N.N.W.	3	11
N.W.	1	N.W.	1	N.W. by W.	2	N.W.	2	N.W.	2	N.W.	2	12
N.W. by N.	1	N.W. by N.	3	Calm.	—	N.N.W.	3	N.N.W.	4	N.N.W.	4	13
N.N.W.	1	N.N.W.	1	Calm.	—	Calm.	—	N.N.W.	2	N.N.W.	2	14
N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	Calm.	—	N.N.W.	2	15
N.N.W.	2	N.N.W.	4	N.N.W.	3	N.W. by N.	4	N.N.W.	6	N.N.W.	5	16
N.W.	6	N.W. by N.	5	N.N.W.	4	N.N.W.	4	N.N.W.	3	N.W.	2	17
N.	7	N. by E.	7	W.S.W.	7	W.S.W.	6	W.S.W.	6	W.S.W.	6	18
N.W. by N.	7	N.W.	7	N.W.	5	N.W.	4	N.W.	2	N.W. by W.	2	19
N.	7	N.	7	N. by W.	6	N. by W.	6	N. by W.	6	N. by W.	6	20
N. by W.	7	N. by W.	7	W.	7	S.W.	7	S.	7	S.	7	21
S.	7	S.	7	S.	6	S.S.W.	7	S. by E.	6	S.	6	22
S. by E.	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	23
Calm.	—	Calm.	—	S.	1	S.	1	N.	2	N.N.W.	1	24
N.N.W.	4	N.N.W.	4	N.N.W.	4	N.N.W.	4	Calm.	—	N.W.	2	25
—	—	—	—	—	—	—	—	—	—	—	—	26
N.W. by N.	2	N.W. by N.	3	N. by W.	3	N. by W.	3	N.	5	N. by W.	5	27
—	—	—	—	—	—	—	—	—	—	—	—	28
—	—	—	—	—	—	—	—	—	—	—	—	29
—	—	—	—	—	—	—	—	—	—	—	—	30

JUNE.

DIRECTION AND FORCE OF THE WIND.														
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .			
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		
JULY.	1	N.	6	N.W. by N.	4	N.W. by N.	4	N.W. by N.	2	N.N.W.	1	N.	1	
	2	N. by E.	3	N. by E.	1	Calm.	—	Calm.	—	N. by E.	4	N.N.E.	4	
	3	Calm.	—	N. by W.	2	N. by W.	2	N. by W.	3	N. by W.	1	Calm.	—	
	4	N. by W.	4	N. by W.	2	N. by E.	2	N. by E.	2	Calm.	—	Calm.	—	
	5	N.N.W.	4	N.N.W.	4	N. by W.	4	N. by W.	4	N. by W.	4	N.N.W.	6	
	6	N.W.	5	W.	7	S.W. by W.	7	S.W. by W.	7	S.W. by W.	7	W.	5	
	7	—	—	—	—	—	—	—	—	—	—	—	—	—
	8	N.	6	N.W.	2	N.	5	N.N.W.	6	N.N.W.	6	N.W.	5	
	9	N.	3	N. by W.	3	N. by W.	3	N.	3	N.N.W.	2	N.N.W.	1	
	10	N.	3	N.	3	N.W. by N.	3	N.W. by N.	1	N.N.W.	3	N.N.W.	2	
	11	N.N.W.	2	N.	5	N.	4	N.	4	Calm.	—	Calm.	—	
	12	Calm.	—	Calm.	—	Calm.	—	N.W.	2	N.W. by N.	1	Calm.	—	
	13	S.S.W.	2	S.W. by S.	4	S.W. by S.	3	S.W. by S.	3	S.W. by S.	4	N.	4	
	14	—	—	—	—	—	—	—	—	—	—	—	—	—
	15	N.	2	N.	2	N.	2	N.	1	Calm.	—	Calm.	—	
	16	N. by W.	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	
	17	S.S.E.	3	S.E.	3	S.E.	4	S.E.	4	E.S.E.	4	S.	2	
	18	Calm.	—	S.S.W.	2	S.S.W.	1	S.S.W.	2	S.S.W.	1	S.S.W.	1	
	19	N.N.W.	3	N.N.W.	3	N.N.W.	1	Calm.	—	Calm.	—	Calm.	—	
	20	N.N.W.	3	S.W.	5	S.W.	5	S.W.	5	S.	5	S.	5	
	21	—	—	—	—	—	—	—	—	—	—	—	—	—
	22	N.N.W.	8	N. by W.	7	N.N.W.	7	N.N.W.	5	N.N.W.	3	Calm.	—	
	23	N. by W.	2	N. by W.	2	N.	2	N.	1	S.S.E.	1	S.S.E.	1	
	24	N.W.	3	S. by W.	3	S.S.W.	4	W.	5	W.S.W.	4	W. by S.	3	
	25	N.N.W.	6	N.N.W.	6	N. by W.	6	N. by W.	5	N. by W.	4	N.	7	
	26	S. by W.	2	S. by W.	1	S. by W.	3	S. by W.	4	E.	4	S. by W.	3	
	27	N.N.W.	3	N. by W.	3	N. by W.	3	N. by W.	2	N. by W.	1	N. by W.	1	
	28	—	—	—	—	—	—	—	—	—	—	—	—	—
	29	N.N.W.	2	N. by W.	1	N. by W.	1	Calm.	—	Calm.	—	Calm.	—	
	30	S.S.E.	2	S.S.E.	2	S.S.E.	2	S. by E.	1	S.S.E.	1	S.S.E.	2	
	31	N. by W.	2	N. by E.	2	N. by E.	3	Calm.	—	Calm.	—	Calm.	—	

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .			
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		
JULY.	1	N.	4	N.	5	N.W.	5	N.W.	5	N.W.	4	N.N.W.	4	
	2	N.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	
	3	Calm.	—	N.	2	N.	4	N.	6	N.	6	N.	6	
	4	N.N.W.	4	N.N.W.	4	N.N.W.	5	N. by W.	5	N. by W.	5	N.N.W.	7	
	5	N.N.W.	5	N. by W.	5	N. by W.	5	N.	6	N.	5	N.	5	
	6	—	—	—	—	—	—	—	—	—	—	—	—	
	7	N.	8	N.	8	N.	9	N.N.W.	9	N.N.W.	8	N.	6	
	8	N.	7	N.	6	N.	4	N.	4	N.	5	N.	5	
	9	N. by W.	2	N.W. by N.	3	N.W.	5	N.W. by N.	4	N.W.	6	N.W.	2	
	10	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.N.W.	1	
	11	N.W. by N.	2	N.W.	2	N.W.	6	N. by W.	7	N. by W.	6	N. by W.	6	
	12	N.W. by W.	2	N.W.	2	N.W.	2	Calm.	—	Calm.	—	Calm.	—	
	13	—	—	—	—	—	—	—	—	—	—	—	—	
	14	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	
	15	N.	1	N.	1	N.	1	Calm.	—	Calm.	—	Calm.	—	
	16	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	
	17	Calm.	—	Calm.	—	Calm.	—	Calm.	—	S.S.W.	2	S.S.W.	2	
	18	N.	1	Calm.	—	Calm.	—	Calm.	—	N.W.	2	N.W.	2	
	19	N. by W.	3	N. by W.	4	N. by W.	4	N. by W.	4	N. by W.	4	N.N.W.	4	
	20	—	—	—	—	—	—	N.	—	—	—	—	—	
	21	Calm.	—	Calm.	—	N.	2	by W.	3	N. by W.	1	N. by W.	2	
	22	Calm.	—	N.N.W.	2	N.N.W.	2	N.	1	Calm.	—	N.E. by E.	1	
	23	Calm.	—	N. by W.	2	N.N.W.	4	N.N.W.	5	N. by E.	4	N.N.W.	4	
	24	W.	2	Calm.	—	N.W.	3	N.W.	3	N.W. by N.	3	N.W.	5	
	25	N. by W.	7	N. by W.	7	N.N.W.	7	N.N.W.	5	N.N.W.	3	N.W. by W.	2	
	26	N.N.W.	3	N.N.W.	4	N.N.W.	4	N.W. by N.	3	N. by W.	2	N. by W.	3	
	27	—	—	—	—	—	—	—	—	—	—	—	—	—
	28	N. by W.	2	N.N.W.	3	N.N.W.	3	N. by W.	2	N.N.W.	3	N.N.W.	3	
	29	N. by W.	2	N. by W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	1	Calm.	—	
	30	S.S.E.	1	S.S.E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	
	31	N.N.W.	4	N.N.W.	5	N.W.	5	N.W.	4	N.W. by N.	5	N.N.W.	5	

DIRECTION AND FORCE OF THE WIND.

6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.	1	N.N.W.	2	N.	1	N.N.W.	4	N.	4	N.W.	5	1
E.	3	N. by E.	2	N.N.E.	2	N.N.E.	2	N.	1	N.	1	2
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	3
Calm.	—	N. by W.	2	N. by W.	1	N.N.W.	2	N. by W.	1	N.N.W.	3	4
N.N.W.	2	N.N.W.	2	N.N.W.	4	N. by W.	6	N.N.W.	6	N.N.W.	5	5
E.S.E.	4	S.	4	S.	4	S.	4	S.	1	S.E.	3	6
—	—	—	—	—	—	—	—	—	—	—	—	7
N.N.W.	7	N.	7	N. by W.	8	N. by E.	7	N.	7	N.	7	8
Calm.	—	N.	2	N.	2	N. by W.	3	N. by W.	3	N. by W.	3	9
N.N.W.	3	N.N.W.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	10
N.	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.W. by N.	2	11
Calm.	—	Calm.	—	N. by W.	1	N.W. by N.	6	N. by W.	6	N.W. by N.	5	12
S.S.W.	3	S.	5	S.	5	S.	4	S.	3	Calm.	—	13
—	—	—	—	—	—	—	—	—	—	—	—	14
N.	1	N.	1	N.	1	Calm.	—	Calm.	—	N.	1	15
Calm.	—	E. by S.	1	E. by S.	1	Calm.	—	Calm.	—	Calm.	—	16
S.	1	Calm.	—	Calm.	—	Calm.	—	S.	2	S.	1	17
Calm.	—	Calm.	—	Calm.	—	S.S.W.	1	S.S.W.	1	S.S.W.	3	18
N.	2	N.	1	N. by W.	1	Calm.	—	Calm.	—	Calm.	—	19
S.W. by S.	6	S.S.W.	5	W.	1	W.	3	W.	3	W.	4	20
—	—	—	—	—	—	—	—	—	—	—	—	21
S.	3	E.	1	N.W.	3	Calm.	—	Calm.	—	Calm.	—	22
S.S.E.	1	Calm.	—	Calm.	—	S.E.	1	N. by W.	1	Calm.	—	23
W. by S.	2	N.W. by W.	2	N.W. by N.	2	N.W. by N.	2	N.W. by N.	1	N.W. by N.	1	24
N.N.W.	6	N.	7	N.	7	N. by E.	7	N. by W.	6	N. by W.	6	25
S.S.E.	1	Calm.	—	S.W. by S.	3	S.S.W.	2	S.S.W.	2	N.N.W.	3	26
N. by W.	1	N. by W.	1	N. by W.	1	N. by W.	1	N. by W.	1	N. by W.	1	27
—	—	—	—	—	—	—	—	—	—	—	—	28
Calm.	—	Calm.	—	N. by W.	2	Calm.	—	N. by W.	1	N. by W.	1	29
S.S.E.	1	S.S.E.	1	S.S.E.	2	S.S.E.	1	S.S.E.	1	S.S.E.	1	30
Calm.	—	Calm.	—	N.	1	N.	3	N.	3	N.	3	31

JULY.

18 ^h .		19 ^h .		20 ^h .		21.		22 ^h .		23 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.	6	N.	3	N.	6	N.	4	N. by E.	4	N. by E.	3	1
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	2
N.	4	N. by W.	5	N. by W.	4	N.	4	N. by W.	3	N. by W.	4	3
N.N.W.	7	N.N.W.	6	N.N.W.	6	N.	3	N.N.W.	4	N.N.W.	4	4
N.	4	N.N.W.	4	N.N.W.	3	N.W.	3	W.N.W.	4	W.N.W.	5	5
—	—	—	—	—	—	—	—	—	—	—	—	6
N.	4	E.	2	W.	1	W.N.W.	2	N.W.	3	N.W.	5	7
N.	6	N.	6	N. by W.	5	N. by W.	5	N.N.W.	4	N.	4	8
N.W.	5	N.N.W.	5	N.	6	N.	4	N.	3	N.	3	9
N.N.W.	1	Calm.	—	Calm.	—	N. by W.	2	N.N.W.	2	N.N.W.	2	10
N.N.W.	4	N.W. by N.	4	N.W. by N.	3	N.W.	2	N.W.	2	W. by N.	2	11
Calm.	—	Calm.	—	Calm.	—	S.S.W.	2	S.S.W.	2	S.S.W.	2	12
—	—	—	—	—	—	—	—	—	—	—	—	13
Calm.	—	Calm.	—	Calm.	—	N.	2	N.	2	N.	2	14
N.	2	Calm.	—	Calm.	—	N.	2	Calm.	—	N. by W.	2	15
Calm.	—	S.S.W.	1	S.S.W.	2	S.	2	S.S.E.	2	S.S.E.	2	16
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	17
N.N.W.	2	N.N.W.	2	N.N.W.	4	N. by W.	5	N.	5	N.	4	18
N.N.W.	4	N.N.W.	5	N.N.W.	5	N.N.W.	4	N.N.W.	3	N.N.W.	3	19
—	—	—	—	—	—	—	—	—	—	—	—	20
N. by W.	2	N. by W.	3	N. by W.	3	N. by E.	4	N. by W.	5	N.N.W.	7	21
W.N.W.	2	W.	2	N.	3	N.	3	N. by W.	3	N. by W.	3	22
N.N.W.	6	N.W. by N.	5	N.W.	5	N.W.	6	N.W.	6	N.W.	5	23
N.W.	5	N.N.W.	4	N.N.W.	4	N.W.	6	by W.	7	N. by W.	7	24
N.W. by N.	2	N.	1	N.N.W.	2	S.	2	S.	2	S. by W.	3	25
N. by W.	3	N.W. by N.	3	N.N.W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	3	26
—	—	—	—	—	—	—	—	—	—	—	—	27
N.N.W.	4	N.	4	N. by W.	3	N. by W.	2	N.N.W.	2	N.N.W.	2	28
Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.N.W.	1	N.N.W.	1	29
Calm.	—	Calm.	—	Calm.	—	N.	2	N.	2	N. by W.	2	30
N.N.W.	5	N.N.W.	7	N.W. by N.	8	N.N.W.	7	N. by W.	6	N. by W.	6	31

JULY.

DIRECTION AND FORCE OF THE WIND.												
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.	1	N.	1	N.	3	N.W.	5	N.W.	5	N. by W.	5	1
Calm.	—	N.	1	N.	2	N. by W.	4	N.W. by N.	4	N.W. by N.	4	2
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	3
—	—	—	—	—	—	—	—	—	—	—	—	4
S.E. by S.	2	S.	2	Calm.	—	S.S.E.	1	S.S.E.	1	S.S.E.	1	5
S.	4	S.S.W.	7	S.	5	S.E. by S.	3	S.S.E.	5	S.S.E.	3	6
S.	4	S.	2	S.S.W.	3	S.S.W.	4	S.W.	4	S.W.	4	7
S.	3	S. by W.	2	S.S.E.	1	S.S.E.	1	S.S.E.	1	Calm.	—	8
Calm.	—	Calm.	—	Calm.	—	S.W. by S.	2	S.W. by S.	2	S.W. by W.	1	9
N. by W.	1	N. by W.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	10
—	—	—	—	—	—	—	—	—	—	—	—	11
S. by E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	12
Calm.	—	S.	1	S.	1	S.S.E.	1	S. by E.	2	S. by E.	1	13
Calm.	—	Calm.	—	Calm.	—	N.	1	N.	4	N.N.W.	5	14
W.	3	W.	3	W.	5	S.S.W.	5	S. by W.	5	S.W.	5	15
Calm.	—	Calm.	—	Calm.	—	S.E.	1	S.E.	2	S.E.	3	16
S. by E.	1	E.S.E.	2	E.S.E.	1	Calm.	—	Calm.	—	Calm.	—	17
—	—	—	—	—	—	—	—	—	—	—	—	18
S by E.	2	Calm.	—	Calm.	—	Calm.	—	S. by E.	2	N.N.E.	1	19
N.N.W.	6	N.N.W.	2	N.N.W.	2	N.N.W.	4	N.N.W.	4	N.N.W.	6	20
N.	2	N.	4	N.N.E.	7	N. by W.	7	N. by W.	7	N. by W.	7	21
N.N.W.	4	N.N.W.	4	N. by W.	5	N.W. by N.	5	N.W.	5	N.	5	22
N.N.W.	7	N. by W.	7	N.N.W.	7	N.N.W.	7	N. by W.	7	N.W. by N.	8	23
W.N.W.	2	S.	1	N.W. by N.	1	S.	2	S.S.W.	2	S.S.W.	2	24
—	—	—	—	—	—	—	—	—	—	—	—	25
S.E.	1	S.	1	S.	1	S.S.E.	1	S.S.E.	1	S. by E.	1	26
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	27
S.E.	1	Calm.	—	Calm.	—	S.E.	1	S.E.	1	Calm.	—	28
Calm.	—	N.	1	N.	1	N.	2	N.	2	N.	2	29
S.S.E.	3	S. by E.	4	S.W. by S.	4	S.S.W.	4	S.S.E.	4	S.S.E.	3	30
Calm.	—	E.N.E.	1	Calm.	—	N.W. by N.	3	N.W. by W.	3	N.W. by N.	3	31

AUGUST.

DIRECTION AND FORCE OF THE WIND.												
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.N.W.	7	N.W. by N.	6	N.W. by N.	7	N.W. by N.	7	N.W.	5	N.W.	3	1
N.W. by N.	4	N.W. by N.	3	N.N.W.	2	N.N.W.	2	N.	1	N.	1	2
—	—	—	—	—	—	—	—	—	—	—	—	3
N.W. by N.	3	N.W. by N.	4	N.W. by N.	3	N.W.	3	N.N.W.	2	N.N.W.	2	4
N.	1	N.	1	N.	1	N.	2	N. by W.	2	S.S.W.	2	5
S.W. by S.	4	S. by E.	3	S. by W.	6	S. by W.	7	S.	6	S.	5	6
S.	1	S.	1	N.N.W.	1	N.	2	N.	2	N.	2	7
S.E.	3	N.E.	3	N.E.	1	N.E.	2	N.E.	2	N.E. by N.	2	8
N.W. by N.	3	N.W. by N.	3	Calm.	—	N.	3	N.	4	N. by W.	4	9
—	—	—	—	—	—	—	—	—	—	—	—	10
Calm.	—	S.	3	Calm.	—	N. by W.	2	N.W. by N.	2	N.W. by N.	2	11
Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.	2	N.	2	12
N. by E.	1	N.N.W.	3	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	13
S.S.E.	3	S. by E.	3	Calm.	—	Calm.	—	S.S.W.	2	S.	4	14
N.N.W.	3	N.N.W.	2	N.W. by N.	5	N.N.W.	4	N. by W.	4	N. by W.	4	15
N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	2	N.N.W.	1	N.N.W.	1	16
—	—	—	—	—	—	—	—	—	—	—	—	17
S.S.W.	3	S.S.W.	4	S.S.W.	5	S.	5	S. by W.	5	S.S.E.	5	18
N.N.W.	6	N.	6	N. by W.	2	N. by W.	2	N. by W.	2	N.N.W.	2	19
N. by W.	9	N.N.W.	7	N.N.W.	7	N. by W.	8	N. by W.	6	W.	7	20
N.	1	N.	1	N.	2	N.	2	N.N.W.	4	N.W.	5	21
N.N.E.	5	N. by W.	5	N. by W.	5	N. by W.	5	N.	6	N.N.W.	6	22
N.W.	7	N.W.	3	N.W.	1	N. by W.	4	N.W.	4	N.W.	3	23
—	—	—	—	—	—	—	—	—	—	—	—	24
N.W. by N.	2	N.W. by N.	3	Calm.	—	N.W. by N.	3	N.N.W.	3	N.N.W.	3	25
Calm.	—	Calm.	—	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.	2	26
N.	2	N.	2	N. by W.	2	Calm.	—	Calm.	—	N.N.W.	1	27
N.W. by N.	1	N.W. by N.	3	N.N.W.	3	N.N.W.	3	N.N.W.	2	N.	4	28
N.W.	3	S.S.E.	3	Calm.	—	S.S.W.	3	S.S.W.	3	S.W.	4	29
S.	3	S.	2	S.	1	S.	1	S.S.W.	2	S.S.E.	3	30
—	—	—	—	—	—	—	—	—	—	—	—	31

AUGUST.

DIRECTION AND FORCE OF THE WIND.												
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .	
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	—	—	—	—	—	—	—	—	—	—	—	—
2	N.	3	N.	1	Calm.	—	E.S.E.	1	S.E. by S.	2	S.S.E.	2
3	N.W. by N.	3	N.	4	N.	3	N.	1	S.S.E.	2	S.S.E.	1
4	N.	9	N.	9	N. by W.	10	N. by W.	10	N. by W.	10	N. by W.	10
5	N.W. by N.	5	N.W.	5	N.N.W.	5	N.N.W.	2	N.N.W.	5	N.N.W.	5
6	N.W. by N.	3	N.W. by N.	2	Calm.	—	N.W. by N.	1	N.W. by N.	2	Calm.	—
7	W.N.W.	7	W.N.W.	6	W.N.W.	7	W.N.W.	7	W.N.W.	7	N.W. by W.	6
8	—	—	—	—	—	—	—	—	—	—	—	—
9	N.W. by W.	8	N.W.	8	N.W. by W.	9	N.W. by W.	10	N.W.	9	N.W.	6
10	N.W.	5	W. by S.	3	W.N.W.	7	N.W. by W.	2	N.W.	2	N.W. by N.	2
11	N.N.W.	9	N.W. by N.	8	N.W. by N.	7	N.W. by N.	6	N.W. by N.	6	N.W.	6
12	S.E.	6	E.	1	S.E.	4	S.E.	4	E.S.E.	3	S.E.	2
13	S.S.E.	3	S.E.	4	S.S.E.	4	S.S.E.	5	S.E. by S.	5	S.E.	5
14	S.E. by S.	2	Calm.	—	S.E. by S.	2	S.E. by S.	3	S.E. by S.	2	S.E. by S.	3
15	—	—	—	—	—	—	—	—	—	—	—	—
16	N.N.W.	2	N.E. by N.	3	E.N.E.	4	E. by N.	6	E.N.E.	3	E.S.E.	2
17	S.S.E.	6	S.S.E.	6	S.S.E.	8	S.S.E.	7	S.S.E.	8	S.S.E.	6
18	S. by W.	7	S. by W.	7	S. by W.	7	S. by W.	5	S. by W.	6	S.	7
19	S.	1	Calm.	—	Calm.	—	Calm.	—	S. by E.	1	S. by E.	2
20	Calm.	—	S.	2	S.	2	S.	3	S.	4	S. by E.	3
21	E.S.E.	2	S.E.	2	S.E.	4	S.S.E.	3	S.E.	3	E. by N.	2
22	—	—	—	—	—	—	—	—	—	—	—	—
23	S.S.E.	4	S. by E.	4	E.S.E.	4	E.S.E.	5	W.S.W.	4	W. by N.	4
24	N.N.E.	2	E.S.E.	2	S.E. by S.	3	S.E. by S.	2	S.E. by S.	2	S.E. by S.	3
25	N.	2	N.	1	S.E.	1	S.E.	1	S.E. by E.	4	S.S.E.	5
26	N.N.E.	2	E.S.E.	2	E.S.E.	2	E.N.E.	4	N.N.E.	4	N.N.E.	4
27	N.W. by N.	3	N.W.	3	N.W.	3	E.N.E.	3	S.E.	3	E.S.E.	2
28	S.E. by E.	2	S.E. by S.	2	S.S.E.	3	S.S.E.	3	S.S.E.	3	S.S.E.	2
29	—	—	—	—	—	—	—	—	—	—	—	—
30	S.S.W.	3	S.S.E.	6	S. by E.	8	S. by E.	9	S.S.E.	9	S.S.E.	7

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .	
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
2	S.S.E.	2	S.S.E.	2	S.S.E.	1	N.W.	1	N.W.	3	N.W.	3
3	N.	5	N.	5	N.	5	N.	5	N.N.W.	5	N.W.	5
4	N.N.W.	2	N.W.	3	N.N.W.	3	N.W. by N.	3	N.W. by W.	3	N.W. by W.	4
5	N.N.W.	7	N.N.W.	7	N.N.W.	8	N.N.W.	6	N.N.W.	5	N.N.W.	5
6	N.N.W.	2	N.W. by N.	4	N.W. by N.	5	N.W. by N.	5	N.W. by N.	4	N.W.	5
7	—	—	—	—	—	—	—	—	—	—	—	—
8	N.W.	4	N.W. by N.	4	N.W. by N.	2	N.W. by N.	4	N.W. by N.	4	N.W. by N.	5
9	S.	2	N.N.W.	1	Calm.	—	Calm.	—	N.W.	2	N.W. by W.	3
10	N.W. by W.	6	N.W. by W.	5	N.W.	3	N.W. by W.	3	N.W. by W.	4	N.W.	4
11	N.W. by W.	6	N.W. by N.	6	N.W.	7	N.W.	6	N.W.	5	N.W.	5
12	N.	2	N.N.W.	3	N.N.W.	3	N.W.	2	N.W.	2	N.W.	2
13	S.E. by S.	1	Calm.	—	Calm.	—	Calm.	—	S.E. by S.	2	S.E. by S.	2
14	—	—	—	—	—	—	—	—	—	—	—	—
15	N. by W.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
16	S.E. by S.	5	S.E. by S.	6	S.S.E.	3	S.	3	S.	3	S. by E.	3
17	S.	8	S.	8	S.	5	S.	5	S.	4	S. by E.	5
18	S.S.W.	4	S. by W.	3	S.	3	S.	3	S.	2	S.	3
19	S.	2	S.	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—
20	W. by N.	2	W.N.W.	2	W.N.W.	1	W.N.W.	1	W.N.W.	1	N.W.	3
21	—	—	—	—	—	—	—	—	—	—	—	—
22	N.N.W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	4
23	S.S.W.	2	S.W. by S.	2	S.W. by S.	1	Calm.	—	Calm.	—	N.N.W.	5
24	S.E. by S.	1	W.S.W.	1	W.S.W.	1	Calm.	—	Calm.	—	N.W. by W.	1
25	S.S.E.	1	S. by E.	1	S. by E.	1	S. by E.	1	S. by E.	1	Calm.	—
26	N.N.W.	2	N. by W.	3	N. by W.	2	N.N.W.	2	N. by W.	2	N.N.W.	1
27	E.S.E.	2	E.S.E.	2	E.S.E.	2	E.S.E.	1	E.S.E.	1	N.N.E.	1
28	—	—	—	—	—	—	—	—	—	—	—	—
29	N.N.W.	1	N.N.W.	1	N.N.W.	1	S.E.	3	S.E.	3	S.E. by S.	3
30	S.S.E.	5	S.S.E.	8	S.S.E.	8	S.E. by S.	9	S.E. by S.	8	S.E. by S.	8

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.	
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .			
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	SEPTEMBER.	
—	—	—	—	—	—	—	—	—	—	—	—		1
S.S.E.	2	S.S.E.	2	S.S.E.	2	Calm.	—	S.S.E.	2	S.S.E.	2		2
S.S.E.	2	S.S.E.	3	N.	4	N.	5	N.	5	N.	5		3
N. by W.	9	N. by W.	9	N. by W.	8	N.W.	6	N.W.	3	N.W. by N.	2		4
N.N.W.	4	N.N.W.	3	N.N.W.	3	N.W. by N.	4	N.W.	4	N.N.W.	6		5
N.W. by N.	2	N.W. by N.	2	N.W. by N.	1	N.W. by N.	4	N.W.	5	N.W.	5		6
N.W. by W.	5	N.W.	4	N.W.	2	N.W.	2	N.W.	4	N.W. by N.	7		7
—	—	—	—	—	—	—	—	—	—	—	—		8
S.W.	3	S.W.	2	S.S.E.	2	S.E. by S.	4	S.	3	S.	3		9
N.W. by N.	1	N.W. by N.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—		10
N.W.	5	N.W.	8	N.W. by N.	7	N.W. by W.	5	N.W. by W.	5	W.N.W.	6		11
Calm.	—	Calm.	—	N.	1	Calm.	—	Calm.	—	Calm.	—		12
S.E.	1	S.E.	3	Calm.	—	S.E. by S.	3	Calm.	—	Calm.	—		13
S.E. by S.	2	N.W. by W.	1	N.W.	1	N.W.	1	N.W.	2	N.W.	1		14
—	—	—	—	—	—	—	—	—	—	—	—		15
E.S.E.	1	S.E. by E.	1	Calm.	—	E.S.E.	3	S. by W.	5	S.S.E.	6		16
S.S.E.	6	S.S.E.	8	S. by W.	9	S. by E.	9	S.	8	S.	9		17
S.	7	S. by W.	7	S.	2	S. by E.	3	S. by E.	3	S.	3		18
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	S.	2		19
S. by E.	3	S. by E.	2	S. by E.	1	S. by E.	1	W. by N.	1	W. by N.	1	20	
E.N.E.	1	E.N.E.	1	E.N.E.	1	Calm.	—	Calm.	—	Calm.	—	21	
—	—	—	—	—	—	—	—	—	—	—	—	22	
S.W. by S.	4	S.W.	5	S. by E.	4	S.W.	3	S.S.W.	3	S.W. by S.	2	23	
S.E. by S.	1	S.E. by S.	1	S.E. by S.	1	Calm.	—	Calm.	—	Calm.	—	24	
S.S.E.	4	Calm.	—	S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	1	25	
N.E.	2	N.E. by N.	3	N.N.E.	2	Calm.	—	N. by E.	2	N.N.W.	2	26	
E.S.E.	1	E.S.E.	1	Calm.	—	E.S.E.	3	E.S.E.	2	E.S.E.	2	27	
S.S.E.	2	S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	1	S. by E.	1	28	
—	—	—	—	—	—	—	—	—	—	—	—	29	
S.E. by S.	8	S.S.E.	8	S.S.E.	7	S.S.E.	8	S.S.E.	8	S.S.E.	6	30	

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.	
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .			
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	SEPTEMBER.	
S.W.	3	S.W.	4	N.	4	N.	1	N.	2	N. by E.	1		1
N.W.	3	N.W.	4	N.W.	4	N.W. by N.	4	N.W. by N.	3	N.W. by N.	3		2
N.W.	6	N.N.W.	6	N.N.W.	7	N.	6	N.	6	N.	7		3
N.W. by W.	4	N.W. by W.	4	N.W. by N.	4	N.W. by N.	4	N.W. by N.	4	N.W. by N.	4		4
N.N.W.	4	N.N.W.	4	N.N.W.	3	N. by W.	4	N.	4	N. by W.	3		5
N.W.	5	N.W.	4	N.W.	7	N.N.W.	7	N.	7	N.W.	7		6
—	—	—	—	—	—	—	—	—	—	—	—		7
N.N.W.	7	N.W.	7	W.N.W.	8	W.N.W.	9	N.W.	7	N.W. by W.	7		8
N.W.	2	N.W.	1	N.W.	1	N.W. by N.	3	N.N.W.	4	N.W. by N.	4		9
N.W.	4	N.W.	4	N.W. by N.	4	N.W. by N.	8	N.N.W.	8	N.W.	9		10
N.W.	5	N.W.	5	N. by W.	5	N.N.W.	4	N.N.W.	4	N.N.W.	2		11
N.W. by W.	3	N.W.	2	N.W. by N.	2	N.W. by N.	2	N.W. by N.	3	N.	2		12
S.E. by S.	1	Calm.	—	S.E. by S.	1	S.E. by S.	1	Calm.	—	S.E. by S.	2		13
—	—	—	—	—	—	—	—	—	—	—	—		14
Calm.	—	Calm.	—	Calm.	—	N. by W.	1	N. by W.	2	N.N.W.	2		15
S. by E.	3	S.	4	S.	4	S.	4	S.	5	S.	5		16
S. by E.	5	S. by E.	5	S. by E.	5	S. by E.	5	S. by E.	5	S. by W.	6		17
S. by E.	2	S. by E.	1	S. by E.	2	S.	2	S.	2	S.	2		18
Calm.	—	Calm.	—	Calm.	—	Calm.	—	S.	2	S.	2		19
N.W.	6	N.W. by N.	7	N.W.	7	N.W.	5	N.N.W.	3	N. by W.	3	20	
—	—	—	—	—	—	—	—	—	—	—	—	21	
N.W.	4	N.W.	2	N.W.	2	N.W.	2	S.E.	2	S.E.	3	22	
N.W.	4	N.W.	5	N.W. by N.	5	N.W. by N.	4	N.W. by N.	3	N.W. by N.	3	23	
N.W. by W.	1	N.W. by N.	2	N.N.W.	4	N. by W.	4	N.	3	N.	2	24	
Calm.	—	S.S.E.	1	Calm.	—	Calm.	—	Calm.	—	N.N.E.	2	25	
N.N.W.	2	N.N.W.	5	N.N.W.	5	N.N.W.	5	N.W.	4	W.N.W.	4	26	
N.N.E.	1	N.N.E.	2	N. by W.	2	N. by W.	2	N. by W.	2	S. by E.	2	27	
—	—	—	—	—	—	—	—	—	—	—	—	28	
S. by W.	5	S.E. by S.	7	S.S.E.	8	S.S.E.	5	S.S.W.	4	S.S.W.	4	29	
S. by E.	8	S. by E.	6	S. by E.	9	S. by E.	9	S. by E.	9	S. by E.	10	30	

DIRECTION AND FORCE OF THE WIND.														
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3.		4 ^h .		5 ^h .			
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		
OCTOBER.	1	S. by E.	10	S. by E.	10	S. by E.	10	S. by E.	10	S.E. by S.	10	S.S.E.	10	
	2	S.	6	S.E. by S.	7	S.E. by S.	6	S.E. by S.	6	S.E. by S.	6	S.E. by S.	5	
	3	E.N.E.	2	E.S.E.	2	E.S.E.	2	S.E.	3	S.E.	3	S.E.	3	
	4	N.E.	3	S.E.	2	S.E.	2	S.E.	2	S.S.E.	4	S.S.E.	4	
	5	S.E.	4	S.E. by S.	4	S.E. by S.	4	S.S.E.	4	S.S.E.	4	S. by E.	3	
	6	—	—	—	—	—	—	—	—	—	—	—	—	—
	7	N.N.W.	3	N.	3	N.	4	N.N.W.	7	N. by W.	6	N.N.W.	6	
	8	N. by W.	8	N.N.W.	8	N.N.W.	8	N.N.W.	8	N.N.W.	7	N.W. by N.	5	
	9	N.W. by N.	3	N.N.W.	3	N. by W.	5	N.W.	5	W.N.W.	5	W. by N.	4	
	10	S.E.	3	S.E. by S.	3	S.E. by S.	4	S.E. by S.	4	S.E. by S.	4	S.E. by S.	2	
	11	N.N.E.	3	S.E.	3	S.E.	3	S.E.	3	S.E.	4	S.	4	
	12	N. by E.	2	N.E. by E.	1	S.S.E.	4	S.E. by S.	4	S.E. by S.	3	S. by E.	2	
	13	—	—	—	—	—	—	—	—	—	—	—	—	—
	14	E. by S.	3	S.E.	3	S.E.	3	S.E. by S.	4	S.E. by S.	4	S.E. by S.	3	
	15	N.N.W.	1	N.N.W.	2	S.E.	3	S.E.	4	E.S.E.	5	S.E.	6	
	16	E.S.E.	4	E.S.E.	5	E.S.E.	5	E.S.E.	5	E.S.E.	5	E.S.E.	4	
	17	N.	7	N.N.W.	4	W.N.W.	5	N.N.W.	4	N.N.W.	4	N.N.W.	4	
	18	S. by W.	3	S.S.W.	3	E. by N.	3	E. by S.	4	E.S.E.	3	E.S.E.	3	
	19	N.W.	9	N.W.	6	N.W.	6	N.W.	6	W.N.W.	3	N.W.	2	
	20	—	—	—	—	—	—	—	—	—	—	—	—	—
	21	S.	3	S.S.E.	3	S.S.E.	4	S.S.E.	5	S.S.E.	4	S.S.E.	3	
	22	N.W.	4	N.W.	7	N.W.	8	N.W.	8	N.N.W.	6	N.N.W.	8	
	23	N.W.	7	N.W.	7	N.W.	7	N.N.W.	5	N.N.W.	3	N. by W.	2	
	24	N.W.	9	N.W.	9	N.	9	N.	8	N.	5	N.	3	
	25	N. by W.	6	N.N.W.	6	N.N.W.	6	N.N.W.	7	N.N.W.	7	N.N.W.	7	
	26	N.E.	3	S.	3	S.	6	S.S.E.	5	S. by E.	5	S. by E.	5	
	27	—	—	—	—	—	—	—	—	—	—	—	—	—
	28	N.N.W.	6	N. by W.	6	N. by W.	6	N.N.W.	6	N.W. by N.	6	N.N.W.	6	
	29	N.W.	8	N.W.	8	N.W.	8	N.W. by N.	7	N.W.	5	W.N.W.	4	
	30	W.	3	W. by N.	3	W.	3	W.	3	W.N.W.	4	W.N.W.	4	
	31	N.W.	4	E.N.E.	4	E. by S.	4	E. by S.	3	E. by S.	2	E. by S.	2	

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .			
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		
OCTOBER.	1	S.S.E.	9	S.S.E.	8	S.S.E.	9	S.S.E.	8	S. by W.	8	S.	7	
	2	S.S.E.	2	S. by E.	1	S. by E.	1	S. by E.	2	S. by E.	2	S.S.W.	4	
	3	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	
	4	Calm.	—	Calm.	—	Calm.	—	S.E. by S.	1	S.E. by S.	2	S.E. by S.	2	
	5	—	—	—	—	—	—	—	—	—	—	—	—	
	6	N.W. by N.	3	N.W. by N.	2	N.W. by N.	2	N.W. by N.	3	N.W. by N.	4	N.W. by N.	5	
	7	N.W. by N.	6	N.W. by N.	7	N.W. by N.	7	N.W. by N.	7	N.W. by N.	6	N.W. by N.	1	
	8	S.E. by E.	2	S.E. by E.	1	S.E. by E.	1	S.E. by E.	5	E.N.E.	4	W.	2	
	9	N.W.	4	N.W.	3	N.W.	3	N.W.	3	N.W.	3	N.W.	2	
	10	Calm.	—	Calm.	—	S.E. by S.	1	W.	3	W.	3	W.	1	
	11	S.E. by S.	1	S.E. by S.	2	S.E. by S.	2	S.E. by S.	2	S.S.W.	2	Calm.	—	
	12	—	—	—	—	—	—	—	—	—	—	—	—	—
	13	S.S.E.	1	S.S.E.	1	S.S.E.	1	Calm.	—	Calm.	—	S.S.E.	1	
	14	Calm.	—	S.E.	2	S.E.	2	S.E.	2	W. by N.	2	W. by N.	2	
	15	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	
	16	N.W.	4	S.E.	3	N.W.	3	S.E.	2	N.W.	4	S.E.	6	
	17	W. by N.	6	N.W.	6	N.	5	N.N.W.	4	W. by S.	4	N. by W.	5	
	18	E.S.E.	3	E.S.E.	1	N.N.W.	4	W.N.W.	5	W.N.W.	5	W.N.W.	6	
	19	—	—	—	—	—	—	—	—	—	—	—	—	—
	20	E.	3	E. by N.	2	E. by N.	3	N.E.	4	W.N.W.	5	W.N.W.	2	
	21	N.N.W.	3	N.W.	3	N.W.	3	N.N.W.	3	N.N.W.	4	N.N.W.	5	
	22	N.W.	7	N.W.	8	N.W.	9	N.W.	9	N.W.	6	N.W.	5	
	23	N. by W.	2	N. by W.	2	N. by W.	2	N. by W.	2	N. by W.	2	N. by W.	1	
	24	N.	4	N.	4	N.	6	N.N.W.	6	N. by W.	4	N. by W.	3	
	25	N.W.	7	W. by S.	5	S.S.E.	4	N.N.E.	2	N.W.	3	N.W.	4	
	26	—	—	—	—	—	—	—	—	—	—	—	—	—
	27	N.N.W.	4	N.W.	4	S. by W.	4	N. by W.	5	N. by W.	5	N.N.W.	5	
	28	N. by W.	6	N.	6	N.	5	N.	4	N.	7	N.	8	
	29	N. by W.	3	N. by W.	5	N. by W.	5	N.N.W.	5	N.N.W.	4	N. by W.	4	
	30	N. by W.	3	N. by W.	6	N. by W.	5	N. by W.	2	N.W. by N.	4	N.W.	2	
	31	E. by S.	4	E. by S.	4	N. by W.	4	N. by W.	4	N. by W.	3	N. by W.	3	

DIRECTION AND FORCE OF THE WIND.

6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
S.S.E.	10	S.S.E.	10	S.S.E.	10	S.	10	S. by E.	10	S. by E.	10	1
S.	4	S. by E.	4	S. by E.	3	S. by E.	3	S.S.E.	3	S.S.E.	3	2
S.E.	1	S.E.	1	S.E.	1	S.E.	1	Calm.	—	Calm.	—	3
S.S.E.	3	S.S.E.	1	S.S.E.	1	S.S.E.	1	Calm.	—	Calm.	—	4
S. by E.	2	S.S.E.	2	S. by E.	2	S. by E.	2	S.S.E.	3	S.S.E.	1	5
—	—	—	—	—	—	—	—	—	—	—	—	6
N.N.W.	2	N.W. by W.	1	Calm.	—	S.W. by W.	3	Calm.	—	N.W. by W.	3	7
S.E.	4	E.S.E.	3	E.S.E.	2	E.S.E.	2	E.S.E.	2	S.E. by E.	3	8
W.N.W.	4	W.N.W.	5	W.N.W.	6	W.N.W.	5	N.W.	5	N.W.	5	9
S.E. by S.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	10
S.E.	4	S.E. by S.	3	S.E. by S.	3	S.E. by S.	3	S.E. by S.	3	S.E. by S.	2	11
S.S.E.	4	S.S.E.	5	S. by E.	4	S. by E.	1	S. by E.	1	Calm.	—	12
—	—	—	—	—	—	—	—	—	—	—	—	13
S.E. by S.	2	S.E. by S.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	14
S.E.	4	S.E.	3	S.E.	2	S.E.	2	S.E.	2	S.E.	1	15
S.E.	2	S.E.	1	S.E.	1	Calm.	—	S.E.	1	S.E.	2	16
N.N.W.	3	N.W. by N.	2	N.N.W.	2	N.W. by N.	5	W.N.W.	5	W.N.W.	6	17
E.S.E.	3	E.S.E.	3	E.S.E.	3	E.S.E.	3	E.S.E.	3	E.S.E.	3	18
N.W.	4	N.W.	1	N.W.	2	N.W.	2	N.W.	1	W.N.W.	1	19
—	—	—	—	—	—	—	—	—	—	—	—	20
S.S.E.	3	S.S.E.	3	S.S.E.	3	S.S.E.	1	S.S.E.	2	N.W.	4	21
N.N.W.	7	N.N.W.	8	N.N.W.	6	N.	7	N.N.W.	7	N.N.W.	8	22
N. by W.	1	Calm.	—	Calm.	—	N. by W.	4	N. by W.	3	N. by W.	2	23
W. by S.	2	N.N.W.	2	W. by N.	1	N. by W.	5	N. by W.	4	N.	5	24
N.N.W.	8	N.N.W.	8	N.N.W.	8	N.N.W.	8	N.N.W.	7	N.N.W.	7	25
S. by E.	4	S.	6	S. by W.	8	S.	7	S.	4	S.W.	3	26
—	—	—	—	—	—	—	—	—	—	—	—	27
N.N.W.	5	N. by W.	4	N.N.W.	6	N. by W.	6	N. by W.	5	N.	6	28
N.	3	N. by E.	5	N.W.	6	N.W. by N.	6	N.N.W.	4	N.W. by N.	2	29
W.N.W.	4	W.N.W.	4	W. by N.	4	N.	3	N.	3	N.W. by N.	3	30
E. by S.	3	E. by S.	2	E. by S.	3	E. by S.	4	E. by S.	4	E. by S.	4	31

OCTOBER.

18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
S.S.E.	7	S. by E.	8	S. by E.	7	S.S.W.	5	S.S.W.	7	S. by W.	7	1
S. by E.	2	S. by E.	1	S. by E.	2	N.	2	N.	2	N.	2	2
Calm.	—	Calm.	—	N.E.	1	E.N.E.	2	E.N.E.	3	N.E. by E.	3	3
N.W. by N.	4	N. by W.	4	N. by W.	6	N.	4	N.N.W.	3	S.E.	3	4
—	—	—	—	—	—	—	—	—	—	—	—	5
N.W. by W.	4	N.W. by W.	3	N. by W.	4	N.N.W.	3	N.W. by N.	3	N.W. by N.	3	6
N.W. by N.	1	N.W.	1	N.W.	2	N.W. by N.	5	N.W. by N.	6	N.N.W.	8	7
W.	3	W.N.W.	3	N.W. by N.	4	N.W. by N.	4	E. by N.	3	N.W. by N.	3	8
N.W.	1	N.W.	1	N.W.	2	N.W.	2	N.W. by N.	3	S.E.	3	9
W.	1	W.N.W.	1	W.N.W.	1	N.N.W.	1	N.N.W.	2	N.N.W.	3	10
Calm.	—	S.E. by S.	1	S.E. by S.	1	S.E. by S.	1	N.E. by E.	1	N. by E.	2	11
—	—	—	—	—	—	—	—	—	—	—	—	12
N.N.E.	1	N.N.E.	2	N.N.E.	2	N.E. by N.	1	N.N.E.	1	E. by S.	2	13
W. by N.	2	W.N.W.	2	W.N.W.	2	W.N.W.	2	N.N.W.	2	N.N.W.	2	14
S.E.	2	N.N.E.	2	N.E.	2	N.E.	2	E. by S.	3	E.S.E.	4	15
N.W.	5	S.E.	5	N.W.	4	S.E.	3	N.N.W.	4	N.	6	16
W.N.W.	6	W.N.W.	4	W.	4	S.	3	S.W.	3	W.S.W.	3	17
N.W.	7	N.W.	6	N.W.	6	N.W.	5	N.W. by N.	5	N.W.	8	18
—	—	—	—	—	—	—	—	—	—	—	—	19
N.W.	3	N.W. by N.	5	N. by W.	4	E. by S.	3	S.E. by S.	3	S.E. by E.	3	20
N.N.W.	6	N.N.W.	5	N.N.W.	4	N. by W.	5	N.N.W.	5	N.N.W.	4	21
N.W.	4	N.W.	4	N.W.	6	N.W.	6	N.W.	7	N.W.	7	22
N.N.W.	1	N.N.W.	5	N.W.	6	N.W.	6	N.W.	7	N.W.	9	23
N. by W.	4	N. by W.	4	W.N.W.	4	N.W.	3	N. by W.	4	N. by W.	5	24
N.	4	E. by N.	4	N.E.	4	N. by W.	5	W.	5	S.	6	25
—	—	—	—	—	—	—	—	—	—	—	—	26
N. by W.	4	N.W. by N.	5	N.W. by N.	5	N.N.W.	7	N.N.W.	7	N.N.W.	7	27
N.	7	N. by W.	7	N. by W.	7	N. by W.	7	N.W.	8	N.W.	8	28
N. by W.	5	N.	5	N.	5	N.	4	N.	3	W.	3	29
N.W.	2	N.W.	4	N.N.W.	4	N.N.W.	4	N.W. by N.	6	N.W.	3	30
N. by W.	3	N. by W.	3	N.N.W.	3	N.N.W.	4	N.W. by N.	4	N.W.	2	31

OCTOBER.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
E. by S.	2	E. by S.	1	E. by S.	1	E. by S.	1	E. by S.	1	E. by S.	1	1
N. by E.	3	N.	3	N.	4	N. by W.	4	N.	4	N.	3	2
—	—	—	—	—	—	—	—	—	—	—	—	3
S.W.	2	S.W.	3	S.W.	3	S.W.	4	S.W.	4	S.W.	3	4
S.W.	1	W.	1	N. by W.	4	N.W. by N.	3	N.N.W.	3	N. by W.	5	5
N. by E.	4	N. by W.	5	N. by E.	1	E.N.E.	1	E.N.E.	2	E.N.E.	1	6
N.W.	3	W.N.W.	3	N. by W.	3	N. by W.	3	N. by W.	3	N. by W.	2	7
W.N.W.	2	W.N.W.	2	N. by W.	1	E. by N.	1	E. by N.	1	N. by W.	1	8
S.S.E.	5	S.S.E.	5	S.S.E.	5	S.S.E.	6	S.S.E.	4	S.S.E.	2	9
—	—	—	—	—	—	—	—	—	—	—	—	10
S.S.E.	2	S.S.E.	1	S.S.E.	1	Calm.	—	Calm.	—	Calm.	—	11
N.E.	5	N.W.	5	Calm.	—	N.N.E.	3	N. by W.	4	N. by E.	6	12
S.	3	S.	3	S.	1	E.S.E.	1	E.S.E.	1	E.S.E.	1	13
S.	5	S. by E.	4	S. by E.	2	S. by E.	2	S. by E.	2	S. by E.	2	14
S.E.	2	S.E.	1	S. by E.	3	S.E. by S.	5	W. by S.	4	W.S.W.	1	15
S. by W.	4	S. by W.	3	S.S.W.	3	S.S.W.	2	S.S.W.	3	S.S.W.	3	16
—	—	—	—	—	—	—	—	—	—	—	—	17
E.S.E.	2	E.S.E.	2	E.S.E.	1	Calm.	—	Calm.	—	Calm.	—	18
S.S.E.	1	Calm.	—	Calm.	—	Calm.	—	S.S.E.	3	N. by W.	3	19
E. by N.	4	E. by N.	2	N. by W.	2	W.S.W.	2	W. by N.	3	W. by S.	3	20
W. by N.	3	W.	3	W. by S.	3	N. by E.	3	E.S.E.	4	S.E.	2	21
S.E. by S.	2	S.E. by S.	1	S.E. by S.	1	S.E. by S.	1	Calm.	—	Calm.	—	22
S.E. by S.	1	S.E. by S.	1	S.E. by S.	1	Calm.	—	Calm.	—	Calm.	—	23
—	—	—	—	—	—	—	—	—	—	—	—	24
S.W.	7	S.W.	5	S.W.	3	S.E.	2	S.E.	2	Calm.	—	25
S.E. by S.	8	S.E. by S.	7	S.E. by S.	2	S.E. by S.	2	S.E. by S.	1	S.E. by S.	1	26
E.S.E.	1	Calm.	—	Calm.	—	E.S.E.	4	S.E.	1	S.E.	1	27
S. by E.	4	S.S.E.	2	S.	1	S.	3	S.	2	S.	2	28
N. by W.	6	N.N.W.	6	N. by W.	6	N.W.	5	N.W. by N.	6	N.W. by N.	6	29
S.S.W.	6	S.W. by S.	1	S.W.	2	S.S.W.	3	S. by W.	3	W.S.W.	3	30

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N. by W.	1	N. by W.	1	N.N.W.	1	N. by W.	1	N. by W.	1	N. by W.	1	1
—	—	—	—	—	—	—	—	—	—	—	—	2
N.W. by N.	3	N.W. by N.	4	N.W. by N.	3	N.W. by N.	1	N.N.W.	3	N.N.W.	2	3
N.W.	5	N.N.W.	6	N.N.W.	7	N.N.W.	8	N.W. by N.	9	N.W.	8	4
N. by W.	4	N.N.W.	4	N. by W.	3	N. by W.	3	N.N.W.	4	N.N.E.	4	5
N. by E.	2	N. by W.	2	N.	2	N. by E.	2	N. by E.	1	N.	2	6
W.S.W.	3	W. by S.	3	S.S.W.	4	S.W.	4	S.W.	5	W.S.W.	4	7
E.S.E.	1	S.S.W.	3	S.S.W.	3	S.S.W.	4	S.W.	5	S.W. by W.	5	8
—	—	—	—	—	—	—	—	—	—	—	—	9
N. by W.	4	N. by W.	4	N. by W.	3	N.	3	E.S.E.	4	S.S.E.	4	10
N.	2	N.	2	N. by E.	2	N.	4	N. by W.	3	N. by W.	2	11
S. by E.	2	S. by E.	2	S. by E.	2	S.	2	S. by E.	4	S. by E.	4	12
E.S.E.	1	E.S.E.	1	S.E.	1	S.E.	1	S.S.E.	2	S.S.E.	4	13
S.W.	2	S.W.	1	S.W.	1	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	14
W.S.W.	3	W. by S.	4	S.W.	4	S.W.	4	W.S.W.	3	W. by N.	3	15
—	—	—	—	—	—	—	—	—	—	—	—	16
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N. by W.	2	17
S.E.	2	S.E.	2	S.E.	2	E. by S.	2	S.E.	2	S.E.	2	18
N.	1	N.	2	N.	2	N.E. by N.	2	N.E. by N.	1	N.W. by N.	1	19
N.W.	2	N.W.	2	N.W.	2	N. by E.	2	N.	4	N. by W.	3	20
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	21
Calm.	—	S.E. by S.	1	Calm.	—	Calm.	—	S.E. by S.	2	S.E. by S.	3	22
—	—	—	—	—	—	—	—	—	—	—	—	23
N.W.	4	N.W. by N.	4	N.W. by N.	4	N. by W.	3	N. by W.	2	N. by W.	2	24
N. by W.	4	N. by W.	4	N. by W.	3	S. by W.	5	S. by W.	6	S. by W.	6	25
S.W.	2	S.W.	2	W.S.W.	4	W. by S.	3	N.N.W.	3	N.N.W.	2	26
S.S.E.	3	S.S.E.	3	S.S.E.	3	S.S.E.	5	S.E. by S.	6	S.E. by S.	7	27
N.W. by N.	4	N.W.	3	S.S.E.	4	N. by W.	4	N.W.	4	N.W. by N.	6	28
N.W. by N.	5	N.W.	4	W. by S.	4	W.S.W.	4	S.W.	4	S.W.	3	29
—	—	—	—	—	—	—	—	—	—	—	—	30

		DIRECTION AND FORCE OF THE WIND.											
Mean Van Diemen Island Time, Astronomical Reckoning.		0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .	
		Wind.		Wind.		Wind.		Wind.		Wind.		Wind.	
		Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
DECEMBER.	1	—	—	—	—	—	—	—	—	—	—	—	—
	2	E.S.E.	5	E.S.E.	5	E.S.E.	6	E.S.E.	6	E.S.E.	6	S.E.	6
	3	S.E.	5	S.E.	7	S.E.	7	S.E.	7	S.E.	7	S.E. by S.	6
	4	S.E. by E.	3	S.E. by E.	3	S.E. by E.	4	S.E.	4	S.E.	6	S.E. by S.	6
	5	W. by S.	3	S.	3	S.E.	7	S.E.	7	S.E. by E.	7	S.E. by E.	7
	6	S.E.	2	S.E.	2	S.E.	2	S.E.	2	S.E.	2	S.E.	1
	7	N.W.	7	W. by N.	7	N.W.	6	W.N.W.	3	W.N.W.	4	W.N.W.	4
	8	—	—	—	—	—	—	—	—	—	—	—	—
	9	S.S.E.	2	S.S.E.	2	S.S.E.	3	S.E. by S.	7	S.E.	4	S.E.	6
	10	S.E.	3	S.E. by S.	4	S.E. by S.	4	S.E. by S.	4	S.E. by S.	4	S.E. by S.	4
	11	N.N.W.	7	N.N.W.	7	N.E.	7	N.E.	7	N.E.	7	N.E. by N.	7
	12	N.W.	7	N.W. by N.	6	N.W.	6	N.W. by W.	6	N.W. by W.	6	W.N.W.	6
	13	N. by W.	4	N. by W.	2	N.N.W.	2	S.E.	2	W.N.W.	1	S.E.	2
	14	S. by W.	3	S. by E.	4	S. by E.	5	S. by E.	5	S. by E.	6	S. by E.	7
	15	—	—	—	—	—	—	—	—	—	—	—	—
	16	E.S.E.	3	E.S.E.	4	E.S.E.	5	E.S.E.	6	S.E. by E.	6	S.E.	7
	17	S.E. by E.	5	S.E. by E.	5	S.E. by E.	6	S.E. by E.	6	S.E.	6	S.E.	6
	18	S.E.	6	S.E.	7	S.E.	7	S.E.	7	S.E.	6	S.E.	7
	19	S.S.E.	2	S.S.E.	2	S.S.E.	3	S.S.E.	2	S.S.E.	2	S.E. by S.	2
	20	N. by E.	1	N. by E.	4	N. by E.	4	N.W.	3	N.W.	4	N.W.	4
	21	S.S.E.	7	S.S.E.	7	S.S.E.	8	S.S.E.	8	S.S.E.	8	S.S.E.	8
	22	—	—	—	—	—	—	—	—	—	—	—	—
	23	S.E.	5	S.E.	5	S.E.	6	S.E.	7	S.E.	7	S.E.	7
	24	S.E. by S.	4	S.E. by S.	6	S.E. by S.	6	S.E. by S.	6	S.E. by S.	6	S.E. by S.	6
	25	—	—	—	—	—	—	—	—	—	—	—	—
	26	W. by N.	6	N.W.	8	N.W.	8	N.W. by W.	8	N.W.	8	N.W.	8
	27	S.E. by E.	6	S.E. by E.	7	S.E.	7	S.E.	8	S.E.	8	S.E.	8
	28	W. by S.	4	S.W.	2	S.	3	N.N.W.	2	N.W.	2	N. by W.	3
	29	—	—	—	—	—	—	—	—	—	—	—	—
	30	S.E.	5	S.E. by S.	7	S.E.	7	S.E.	7	S.E.	6	S.E.	6
	31	N. by W.	6	N. by E.	5	N. by E.	6	N. by W.	6	N. by E.	6	N. by W.	5

(continued)

		DIRECTION AND FORCE OF THE WIND.											
Mean Van Diemen Island Time, Astronomical Reckoning.		12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .	
		Wind.		Wind.		Wind.		Wind.		Wind.		Wind.	
		Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
DECEMBER.	1	S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	1	W.N.W.	1	N.W. by W.	2
	2	S.E.	3	S.E.	1	S.E.	1	S.E.	1	S.W.	1	S.W.	1
	3	S.E. by S.	1	Calm.	—	Calm.	—	N. by W.	2	N.N.W.	3	N.N.W.	3
	4	N.	1	W.N.W.	4	W.N.W.	4	W.N.W.	3	W.N.W.	3	N.N.W.	4
	5	S.E. by E.	2	S.E. by E.	1	S.E. by E.	1	N.	1	N.	1	N.	1
	6	N.W.	1	N.W.	1	Calm.	—	Calm.	—	S.W.	3	N.W.	4
	7	—	—	—	—	—	—	—	—	—	—	—	—
	8	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	W.N.W.	3
	9	S.S.E.	1	W.S.W.	1	W.S.W.	1	W.S.W.	1	W.S.W.	1	W.S.W.	2
	10	N.N.E.	1	N.N.E.	3	N.N.E.	3	N.N.E.	3	N.N.E.	2	N.W. by N.	1
	11	N.	2	N.N.W.	4	N.W. by N.	2	Calm.	—	Calm.	—	Calm.	—
	12	N.	2	N.	1	N.	1	Calm.	—	Calm.	—	N.	2
	13	S.W.	2	S.W.	3	S.W.	3	S.W.	4	S.W.	4	W.N.W.	3
	14	—	—	—	—	—	—	—	—	—	—	—	—
	15	S.	1	S.	1	S.	1	S.	2	S. by W.	1	S. by W.	2
	16	S.E. by S.	2	S.E. by S.	1	S.E. by S.	1	W. by N.	1	W. by N.	2	N.W. by N.	1
	17	E.S.E.	1	E.S.E.	1	N.E.	1	N.E.	1	N.E.	1	N.E.	1
	18	Calm.	—	Calm.	—	N. by W.	1	N.W.	1	N.W.	1	N.W. by W.	2
	19	W. by N.	1	S. by E.	1	Calm.	—	Calm.	—	S. by E.	2	W.N.W.	5
	20	N.W.	4	N.W. by N.	3	W. by N.	2	N.W. by N.	4	N.W. by N.	2	W.S.W.	2
	21	—	—	—	—	—	—	—	—	—	—	—	—
	22	Calm.	—	E.S.E.	1	E.S.E.	1	E.S.E.	1	E.S.E.	1	E.S.E.	2
	23	S.E. by S.	3	Calm.	—	Calm.	—	Calm.	—	S.E. by S.	1	Calm.	—
	24	—	—	—	—	—	—	—	—	—	—	—	—
	25	E.S.E.	2	E.S.E.	2	N. by W.	3	N.N.W.	4	N.N.W.	4	W.N.W.	5
	26	W.N.W.	3	W. by N.	1	W. by N.	1	W.N.W.	3	N.W.	4	N. by W.	2
	27	S.E. by E.	1	Calm.	—	Calm.	—	E. by N.	1	E. by N.	1	N.	2
	28	—	—	—	—	—	—	—	—	—	—	—	—
	29	N.W.	1	N.W.	1	N.W.	1	N.W.	1	N.W.	1	N.W.	2
	30	N.	2	N.W.	2	N.W.	3	N.W.	3	N.W.	3	N.W. by W.	5
	31	N.W.	7	N.W.	7	N.W.	7	N. by W.	8	N.N.W.	8	N. by W.	8

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
—	—	—	—	—	—	—	—	—	—	—	—	1
S.E.	6	S.E.	6	S.E.	5	S.E.	3	S.E.	3	S.E.	3	2
S.E. by S.	6	S.E. by S.	4	S.E. by S.	3	S.E. by S.	2	S.E. by S.	1	Calm.	—	3
S.E. by S.	6	S.E. by S.	3	S.E.	2	S.E.	1	Calm.	—	Calm.	—	4
S.E. by E.	7	S.E. by E.	5	S.E. by E.	4	S.E. by E.	1	S.E. by E.	1	S.E. by E.	1	5
S.E.	1	S.E.	1	S.E.	1	N.W.	2	N.W.	1	N.W.	3	6
N.W.	3	W.N.W.	1	W.N.W.	5	N.W. by W.	4	W. by S.	2	W. by N.	2	7
—	—	—	—	—	—	—	—	—	—	—	—	8
E.S.E.	4	E.N.E.	2	E.N.E.	1	E.N.E.	2	N.N.E.	1	N. by E.	1	9
S.S.E.	3	S.S.E.	2	E.	1	Calm.	—	N.N.E.	1	N.N.E.	1	10
N.E. by N.	7	N.N.E.	6	N.N.E.	8	N.	7	N.	7	N.	6	11
W.N.W.	5	W. by N.	3	W. by N.	2	W. by N.	1	N.W.	4	N.	5	12
S.E.	2	S.E.	1	S.E.	1	Calm.	—	Calm.	—	S.W.	1	13
S. by E.	6	S. by E.	5	S. by E.	5	S. by E.	6	S. by E.	6	S. by E.	4	14
—	—	—	—	—	—	—	—	—	—	—	—	15
S.E.	6	S.E.	4	S.E.	3	S.E. by S.	2	S.E. by S.	1	S.E. by S.	1	16
S.E.	5	S.E.	5	S.E. by E.	4	E.S.E.	2	E.S.E.	1	E.S.E.	1	17
S.E.	6	S.E.	5	S.E.	2	Calm.	—	Calm.	—	Calm.	—	18
S.E. by S.	1	Calm.	—	S.W.	1	S.W.	2	S.W.	2	S.W.	2	19
N.W.	5	N.W.	4	W.	7	N.W.	5	N.W. by N.	5	N.W.	4	20
S.S.E.	8	S.S.E.	8	S.S.E.	8	Calm.	—	Calm.	—	Calm.	—	21
—	—	—	—	—	—	—	—	—	—	—	—	22
S.E.	8	S.E.	6	S.E.	4	S.E.	4	S.E.	4	S.E. by S.	3	23
S.E. by S.	6	S.E. by S.	6	S.E. by S.	2	S.E. by S.	2	S.E. by S.	1	S.E. by S.	1	24
—	—	—	—	—	—	—	—	—	—	—	—	25
N.W.	7	N.W. by W.	7	N.W. by W.	7	N. by W.	8	N.W. by N.	8	N.W.	3	26
S.E.	8	S.E.	8	S.E.	7	S.E.	6	S.E. by E.	5	S.E. by E.	3	27
W.S.W.	3	W.N.W.	3	N.W. by N.	2	W. by N.	3	W.N.W.	5	W.N.W.	7	28
—	—	—	—	—	—	—	—	—	—	—	—	29
S.E. by S.	6	S.S.E.	5	S.E.	3	E.S.E.	1	N.	1	N.W.	3	30
N.	5	N.	6	N. by W.	5	N. by W.	7	N.N.W.	5	N.W. by N.	6	31

DECEMBER.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.W.	2	N.N.W.	2	N.E.	2	E.S.E.	2	E.S.E.	3	E.S.E.	4	1
S.W.	3	S.W.	3	S.W.	4	S.E.	2	S.E.	3	S.E.	4	2
N.W.	4	N. by W.	5	N. by W.	2	N.N.W.	4	N.N.W.	1	S.E. by E.	2	3
N.N.W.	4	N.W.	6	N.W.	8	N.W.	8	N.W.	6	S.	3	4
N.	1	N.	1	N. by W.	1	N. by W.	2	N. by W.	3	N. by W.	3	5
N.W. by N.	5	N.W. by N.	5	N.N.W.	7	W.N.W.	7	N.W.	7	W. by N.	7	6
—	—	—	—	—	—	—	—	—	—	—	—	7
N.W. by N.	3	N.W. by N.	4	N.W. by N.	4	N.W. by N.	3	N. by W.	2	N.N.W.	2	8
N.W.	2	N.W. by N.	2	N. by W.	2	E.S.E.	1	E.S.E.	1	S.E.	2	9
N.W. by N.	5	N.	5	N.N.E.	5	N.N.W.	5	N.N.W.	6	N.N.W.	7	10
Calm.	—	Calm.	—	N.W.	3	N.W. by N.	5	N.W.	6	N.W. by W.	7	11
N.	2	N.W. by N.	2	N.N.W.	4	N.N.W.	4	N.W.	4	N. by W.	4	12
W.N.W.	3	N.W.	2	N.W. by N.	2	S.S.W.	3	S.W. by S.	2	S.S.W.	2	13
—	—	—	—	—	—	—	—	—	—	—	—	14
S. by W.	2	S. by W.	2	S.S.E.	2	S.S.E.	2	E.S.E.	2	E. by S.	2	15
N.W. by N.	2	N.W.	2	N.W.	2	E. by S.	2	E. by S.	2	E.S.E.	4	16
N.E. by N.	1	N.E. by N.	1	N.E. by N.	1	S.E.	2	S.E.	3	S.E.	5	17
N.W.	2	N.W.	3	N. by W.	3	N. by W.	3	N.W. by N.	2	N. by W.	2	18
N.N.W.	3	S.S.E.	2	E.S.E.	2	S.W.	3	S. by E.	2	E.S.E.	4	19
S.S.W.	2	E. by S.	1	S.E.	2	S.E.	3	S.E.	4	S.S.E.	5	20
—	—	—	—	—	—	—	—	—	—	—	—	21
W. by N.	1	W. by N.	2	W. by N.	4	W. by N.	3	W. by N.	3	W. by N.	4	22
Calm.	—	S.S.E.	2	S.S.E.	1	S.S.E.	2	S.E.	3	S.E. by S.	4	23
—	—	—	—	—	—	—	—	—	—	—	—	24
W.N.W.	3	W.N.W.	3	E.S.E.	6	E.S.E.	2	S.E.	2	N.N.W.	4	25
N. by W.	2	N. by W.	1	N. by W.	1	N. by W.	2	S.E. by E.	4	S.E. by E.	5	26
N. by W.	3	N.N.W.	3	N.W.	5	N.W. by W.	5	S. by W.	5	S. by E.	4	27
—	—	—	—	—	—	—	—	—	—	—	—	28
N.	2	S.	2	S.	2	S.	3	E.	3	E.	4	29
N. by W.	6	N. by W.	7	N. by W.	7	N.N.W.	7	N. by W.	7	N. by W.	7	30
N. by W.	7	N.W.	7	N.W. by N.	8	N.W. by N.	8	N.W.	7	N.W.	6	31

DECEMBER.

DIRECTION AND FORCE OF THE WIND.														
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .			
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		
JANUARY.	1	N.W.	5	N. by W.	6	N.W. by N.	6	N.W. by N.	7	N.W.	7	N. by W.	7	
	2	E.S.E.	2	S.E. by E.	5	S.E. by E.	7	S.E. by E.	7	S.E. by E.	6	S.E. by E.	6	
	3	N.W. by N.	6	N.W.	6	N.W. by W.	6	N.W.	6	W.N.W.	6	W.N.W.	6	
	4	W.	3	S.S.W.	4	N.W. by W.	4	N.W.	4	N.W. by N.	4	W.	4	
	5	—	—	—	—	—	—	—	—	—	—	—	—	—
	6	S.E.	4	S.E.	6	S.E. by S.	6	S.E.	6	S.E.	6	S.E.	6	
	7	N. by W.	5	W. by N.	5	S.E. by S.	6	S.E. by S.	6	S.E. by S.	2	Calm.	—	
	8	N.W. by W.	7	N.W.	8	N.W. by W.	8	N.W. by W.	8	N.W. by W.	8	N.W.	8	
	9	N.W.	7	N.W. by N.	6	W. by N.	6	N.W.	5	W.N.W.	5	W.	7	
	10	N.W.	4	N.W.	5	N.W. by N.	5	N.W. by N.	6	N. by W.	4	S.E. by S.	3	
	11	S.E.	4	S.E. by S.	6	S.E. by S.	7	S.E. by S.	8	S.E. by S.	9	S.E. by S.	9	
	12	—	—	—	—	—	—	—	—	—	—	—	—	—
	13	S.E. by E.	2	S.E. by S.	3	S.	4	S.	5	S.	5	S. by E.	5	
	14	N.W. by W.	6	N.W.	7	N.W.	8	W.N.W.	7	N.W.	7	N.W. by N.	6	
	15	E.S.E.	5	S.E.	5	S.E. by E.	5	S.E.	5	S.E. by E.	6	S.E. by E.	6	
	16	N. by W.	7	N. by W.	7	W.S.W.	7	W.S.W.	7	W.S.W.	4	W.S.W.	1	
	17	N.W. by N.	5	N.W.	6	N.W.	6	N.W.	6	N.W.	7	N.W.	6	
	18	N.W. by N.	7	N.W.	7	N.W.	7	N.W. by W.	7	W.N.W.	7	N.W. by W.	6	
	19	—	—	—	—	—	—	—	—	—	—	—	—	—
	20	E. by S.	5	E.S.E.	7	E.S.E.	7	E.S.E.	6	E.S.E.	5	E.S.E.	7	
	21	S.E. by E.	6	S.E. by E.	6	S.E. by E.	7	S.E. by E.	7	S.E. by E.	7	S.E. by E.	7	
	22	S.E.	5	S.S.E.	6	S.S.E.	6	S.S.E.	6	S.S.E.	7	S. by E.	7	
	23	S.E. by E.	4	S.E. by S.	3	S. by E.	5	S.E. by S.	5	S.E. by S.	5	S.E. by S.	3	
	24	E.S.E.	4	E.S.E.	5	E.S.E.	5	E.S.E.	4	E.S.E.	1	E.S.E.	1	
	25	N.W.	2	E.N.E.	6	S.E. by E.	6	S.E. by E.	7	S.E. by E.	7	E.S.E.	7	
	26	—	—	—	—	—	—	—	—	—	—	—	—	—
	27	S.E.	5	S.E.	6	S.E.	6	S.E.	6	S.E.	6	S.E.	6	
	28	S.E. by E.	5	S.E. by E.	5	S.E. by E.	6	S.E.	6	S.E. by S.	7	S.E. by S.	7	
	29	E.S.E.	5	S.E. by E.	6	S.E.	7	S.E.	7	S.E. by S.	6	S.E. by	6	
	30	E.S.E.	4	E.S.E.	4	E.S.E.	4	E.S.E.	5	E. by S.	5	E. by N.	6	
	31	N.N.E.	2	E.S.E.	2	E.S.E.	1	N.	1	E.N.E.	1	E.N.E.	1	

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .			
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		
JANUARY.]	1	N.W.	4	W.	1	Calm.	—	Calm.	—	N. by E.	1	N. by E.	1	
	2	W.N.W.	3	W.N.W.	3	N. by W.	3	N.W.	2	N. by W.	2	N.W.	2	
	3	N.W.	4	N.W. by W.	5	N.W. by W.	4	W.N.W.	5	W. by S.	7	S.W.	6	
	4	—	—	—	—	—	—	—	—	—	—	—	—	
	5	Calm.	—	Calm.	—	S.E.	1	S.E.	1	S.E.	1	N.	2	
	6	N.W. by N.	4	N.W. by N.	4	N.N.W.	5	N.W. by N.	5	N.N.W.	5	N. by W.	4	
	7	N. by W.	5	N.N.W.	6	N.N.W.	7	N.W.	7	N.N.W.	5	N.N.W.	3	
	8	N.W. by N.	9	N.W.	9	N.W. by W.	8	N.W.	9	N.W. by W.	7	N.W.	8	
	9	N.E.	3	N.W.	4	N. by W.	4	N.W.	4	N.W.	2	N.W.	1	
	10	S.E. by S.	1	S.E. by S.	1	S.E. by S.	1	S.E. by S.	1	S.W.	2	S.W.	1	
	11	—	—	—	—	—	—	—	—	—	—	—	—	—
	12	Calm.	—	Calm.	—	Calm.	—	N.	3	W.N.W.	2	W. by N.	4	
	13	S.S.E.	1	S.S.E.	1	S.W.	1	S.W.	1	S.W.	1	N. by W.	1	
	14	N.W.	3	N. by W.	2	N.W. by N.	3	N.W.	3	N.W.	3	N.W.	3	
	15	S.E.	1	S.E.	1	S.E.	1	Calm.	—	S.W.	4	S.W.	3	
	16	W.N.W.	3	N.W.	4	N. by W.	4	N. by W.	4	N.W. by N.	4	N.W. by N.	2	
	17	Calm.	—	W.N.W.	1	W.N.W.	2	N.W.	2	N.W.	2	N.N.W.	2	
	18	—	—	—	—	—	—	—	—	—	—	—	—	—
	19	Calm.	—	Calm.	—	N.W.	1	N.W.	3	N.W.	1	N.W.	2	
	20	Calm.	—	N.W. by N.	1	N.W. by N.	1	Calm.	—	N.W. by N.	1	N.W. by N.	2	
	21	S.E.	1	S.E.	1	S.E.	1	S.E.	1	S.E.	1	S.E.	1	
	22	Calm.	—	Calm.	—	Calm.	—	—	—	Calm.	—	Calm.	—	—
	23	Calm.	—	Calm.	—	S.E.	1	S.E.	1	S.E.	1	N.N.W.	2	
	24	Calm.	—	Calm.	—	Calm.	—	S.E.	2	S.E.	1	S.E.	1	
	25	—	—	—	—	—	—	—	—	—	—	—	—	—
	26	S.E.	1	S.E.	1	N.N.E.	1	Calm.	—	N.N.E.	1	N. by E.	2	
	27	Calm.	—	S.E. by S.	1	S.E. by S.	1	S.E. by S.	2	W.S.W.	2	W. by N.	1	
	28	S.E.	2	S.E.	1	S.E. by E.	1	S.E. by E.	1	S.E. by E.	1	S.E. by E.	1	
	29	Calm.	—	S.E.	1	S.E.	1	S.E.	1	S.E.	1	S.E. by E.	2	
	30	E.N.E.	1	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	N.N.W.	1	N.N.W.	2	
	31	N.W. by N.	5	N.W.	5	N.W. by W.	4	W.N.W.	4	N.W.	5	N.W. by N.	4	

^a Clock stopped.

^b Pencil thrown out of gear.

DIRECTION AND FORCE OF THE WIND.

6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N. by W.	7	N.N.W.	3	N. by W.	8	N.W. by N.	4	N.W.	4	N.W.	5	1
S.E.	7	S.E.	5	S.E.	3	S.E.	1	S.E.	1	S.E.	1	2
W.	5	N.W.	3	N.W.	5	N.W.	5	N.W.	4	N.W.	4	3
N.W. by N.	4	W. by N.	3	W.N.W.	2	W. by N.	2	N.W. by W.	1	Calm.	—	4
—	—	—	—	—	—	—	—	—	—	—	—	5
S.E. by E.	6	S.E. by E.	3	S.E. by E.	2	Calm.	—	Calm.	—	Calm.	—	6
N. by W.	4	N.	4	N. by W.	6	N. by W.	6	N.W. by N.	5	N.W. by N.	5	7
N.W.	7	N.W.	8	N.W.	9	N.W.	9	N.W.	9	N.W.	9	8
N.W. by W.	3	W.N.W.	4	N.W. by W.	3	N.W. by W.	4	N.W. by N.	5	N.W.	3	9
S.E. by S.	3	S.E. by S.	2	S.E. by S.	2	S.E. by S.	2	S.E. by S.	2	S.E. by S.	1	10
S.E. by S.	8	S.E. by S.	6	S.E. by S.	6	S.E. by S.	3	S.E. by S.	1	S.E. by S.	2	11
—	—	—	—	—	—	—	—	—	—	—	—	12
S. by E.	4	S.S.E.	3	S.S.E.	3	S.S.E.	2	S.S.E.	2	S.S.E.	1	13
N.W. by N.	6	N.W. by N.	4	W.N.W.	4	N.W.	5	N.N.W.	5	N.N.W.	2	14
S.E. by E.	5	S.E.	3	S.E.	2	S.E.	1	S.E.	1	Calm.	—	15
W.N.W.	1	N.N.W.	1	S.S.W.	1	S.S.W.	1	S.S.W.	1	S.S.W.	2	16
W.N.W.	6	W. by N.	3	N.W.	4	N.W. by W.	2	Calm.	—	Calm.	—	17
N.W.	6	N.W. by W.	3	N.W. by W.	4	—	2	—	—	—	3	18
—	—	—	—	—	—	—	—	—	—	—	—	19
S.E. by E.	7	N.W. by N.	7	N.W. by N.	7	N.W. by N.	4	N.W. by N.	1	N.W. by N.	1	20
S.E.	5	S.E.	3	S.E.	2	S.E.	2	S.E.	2	S.E.	1	21
S. by E.	6	S. by E.	5	S. by E.	3	S. by E.	2	S. by E.	1	S. by E.	1	22
S.E. by S.	3	S.E. by S.	2	S.E. by S.	1	Calm.	—	Calm.	—	Calm.	—	23
S.E.	2	S.E.	2	S.E.	3	S.E.	2	Calm.	—	Calm.	—	24
S.E.	8	S.E.	8	S.E.	8	S.E.	7	S.E.	7	S.E.	6	25
—	—	—	—	—	—	—	—	—	—	—	—	26
S.E. by S.	6	S.E. by S.	5	S.E. by S.	4	S.E. by S.	2	S.E. by S.	1	S.E. by S.	1	27
S.E. by S.	7	S.E.	6	S.E.	2	S.E.	2	S.E.	2	S.E.	2	28
S.E. by S.	6	S.E. by S.	5	S.E.	5	S.E.	2	S.E.	1	S.E.	1	29
E.N.E.	6	E.N.E.	3	E.N.E.	5	E.N.E.	1	E.N.E.	1	E.N.E.	1	30
E.N.E.	1	E.S.E.	1	S.E. by E.	1	Calm.	—	Calm.	—	E. by S.	2	31

JANUARY.

18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.N.W.	2	N. by W.	2	N. by W.	2	N.N.W.	2	N. by W.	2	E. by S.	2	1
N.W.	3	N.W.	4	W. by N.	5	W.	6	W.N.W.	6	N.W. by W.	6	2
W.	6	W. by S.	8	W.	7	W. by S.	5	S. by W.	5	S.S.W.	4	3
—	—	—	—	—	—	—	—	—	—	—	—	4
N.	2	N.	2	N.	2	E. by S.	2	E.S.E.	3	S.E.	4	5
N.N.W.	6	N.N.W.	7	N.N.W.	7	N.N.W.	8	N.N.W.	6	N.	4	6
N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	N.W. by N.	3	W.N.W.	5	N.W.	7	7
N.W.	8	N.W. by W.	8	N.W.	6	N.W.	7	N.W.	6	N.W. by N.	6	8
N.W. by N.	4	N.N.W.	5	N.W. by N.	5	W. by S.	4	N.W. by W.	4	N.W.	5	9
N. by W.	1	W.N.W.	2	W. by N.	2	N.N.W.	2	N.N.W.	2	E.S.E.	3	10
—	—	—	—	—	—	—	—	—	—	—	—	11
N.W.	6	N.W.	3	N.W.	4	N.W. by N.	2	Calm.	—	S.E.	2	12
N. by W.	1	N. by W.	1	N. by E.	1	W.	1	N.W. by W.	2	N.W. by W.	4	13
N.W. by N.	3	N.W. by N.	3	N. by W.	4	N. by W.	3	N. by W.	4	N. by W.	4	14
N.W.	3	N. by W.	6	N.N.W.	8	N.N.W.	8	N.N.W.	9	N. by W.	7	15
N.W. by N.	2	N.W. by N.	3	N. by W.	4	N.N.W.	5	N.N.W.	6	N.N.W.	5	16
N.N.W.	2	W.N.W.	3	W.N.W.	5	N.N.W.	5	N.W.	5	N.W.	5	17
—	—	—	—	—	—	—	—	—	—	—	—	18
N.W. by N.	3	N. by W.	2	N.	1	E.N.E.	2	E.N.E.	4	E.	5	19
N.W. by N.	2	N.W. by N.	2	N.W. by N.	3	N.W. by N.	2	E.	4	E.S.E.	5	20
W.N.W.	2	W.N.W.	3	N.W.	2	N.	2	E.	3	E.S.E.	4	21
—	—	—	—	—	—	—	—	—	—	—	—	22
N.N.W.	3	N.N.W.	1	N.N.W.	1	N.N.W.	1	N. by W.	3	N. by W.	3	23
S.E.	3	Calm.	—	Calm.	—	Calm.	—	E.	3	E. by S.	4	24
—	—	—	—	—	—	—	—	Calm.	—	Calm.	—	25
N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N. by W.	2	E. by S.	2	E.S.E.	3	26
W. by N.	1	W. by N.	1	W. by N.	2	N.W.	2	N.W. by N.	2	E. by S.	3	27
N. by W.	1	N. by W.	1	Calm.	—	E.S.E.	3	E.S.E.	3	E.S.E.	3	28
S.E. by E.	2	E.S.E.	3	E.S.E.	3	E.S.E.	3	E.	3	E.S.E.	2	29
N.N.W.	3	N.N.W.	2	Calm.	—	Calm.	—	N.W. by N.	2	N.N.W.	2	30
N.W.	4	S. by W.	3	N.W.	4	W.N.W.	5	S.S.E.	4	N.W. by W.	4	31

JANUARY.

DIRECTION AND FORCE OF THE WIND.														
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .			
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		
FEBRUARY.	1	S.E. by E.	5	W. by N.	5	W.	3	W.S.W.	4	W. by N.	3	N.W.	2	
	2	—	—	—	—	—	—	—	—	—	—	—	—	
	3	E. by S.	3	E. by S.	5	E. by S.	4	E. by S.	4	E. by S.	6	E. by S.	5	
	4	E. by S.	4	S.E. by E.	5	S.E.	7	E.S.E.	4	N.E.	4	E.N.E.	4	
	5	N.	2	E. by N.	3	E. by N.	3	E. by N.	4	E. by N.	3	E.N.E.	3	
	6	E.S.E.	4	S.E.	6	S.E. by S.	7	S. by E.	7	S. by E.	7	S.S.E.	6	
	7	N.W. by N.	1	N.W. by N.	5	N.N.W.	7	N.N.W.	7	N.W.	7	N.W. by W.	6	
	8	N.W.	8	N.W. by N.	8	N.W. by W.	6	N.W. by W.	6	N.W.	5	N.W.	5	
	9	—	—	—	—	—	—	—	—	—	—	—	—	—
	10	S.E. by S.	7	S.S.E.	7	S.E. by S.	6	S.E. by S.	7	S.E. by S.	8	S.E. by S.	8	
	11	S. by E.	9	S. by E.	8	S. by E.	8	S. by E.	7	S.	6	S. by E.	5	
	12	S. by W.	4	S.W. by W.	4	S. by E.	4	S. by W.	4	S. by W.	5	S. by W.	7	
	13	S. by W.	4	S.E. by S.	5	S.E.	4	S.E. by E.	4	S.E. by S.	3	S.E. by S.	3	
	14	N. by W.	3	N. by W.	2	E. by N.	4	S. by E.	4	S.S.E.	3	S. by E.	5	
	15	N. by W.	4	N.W. by W.	5	W. by N.	4	N. by W.	5	N.N.W.	6	N. by W.	4	
	16	—	—	—	—	—	—	—	—	—	—	—	—	—
	17	S.	3	E. by S.	4	S.S.E.	6	S.S.E.	5	S. by E.	5	S. by E.	4	
	18	N.	5	N.E. by N.	8	N. by W.	7	S. by E.	8	S. by E.	8	S. by E.	5	
	19	S.S.E.	3	S.S.E.	2	S.S.E.	2	S.S.E.	2	S.S.E.	2	S.S.E.	2	
	20	—	1	—	2	—	4	—	3	—	3	—	3	—
	21	—	3	—	3	—	3	—	3	—	2	—	5	—
	22	—	3	—	3	—	4	—	5	—	6	—	7	—
	23	—	—	—	—	—	—	—	—	—	—	—	—	—
	24	—	6	—	8	—	8	—	8	—	7	—	7	—
	25	—	3	—	3	—	3	—	4	—	4	—	4	—
	26	—	5	—	6	—	5	—	4	—	4	—	4	—
	27	—	6	—	4	—	6	—	5	—	5	—	6	—
	28	—	6	—	5	—	5	—	5	—	4	—	4	—

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
FEBRUARY.	1	—	—	—	—	—	—	—	—	—	—	—	
	2	S.S.E.	1	S.S.E.	1	S.S.E.	1	S.W.	1	S.W.	1	N.W.	2
	3	N. by E.	3	N.	2	N.	1	N. by W.	1	N. by W.	1	N.N.W.	2
	4	N.	1	N. by W.	2	N. by W.	2	N.W. by N.	3	N.W. by N.	4	N. by W.	3
	5	S.E.	2	S.E.	2	S.E.	1	S.E.	1	S.E.	1	N. by W.	1
	6	S.S.E.	2	S.S.E.	1	Calm.	—	Calm.	—	S.S.E.	1	S.S.E.	1
	7	N.W.	7	N.W.	7	N.W. by N.	7	N.W. by N.	8	N.W. by N.	8	N.W.	8
	8	—	—	—	—	—	—	—	—	—	—	—	—
	9	S.	2	S by W.	3	S. by W.	4	S.S.E.	6	S.S.E.	6	S.E. by S.	6
	10	S.S.E.	9	S. by E.	9	S. by E.	9	S.E.	9	S. by E.	7	S. by E.	6
	11	S. by E.	3	N.	3	N. by W.	2	N.W.	3	N.W.	4	N.W. by W.	2
	12	—	—	—	2	S.	2	S. by W.	3	S.S.W.	2	S. by E.	2
	13	S.E. by S.	2	N. by W.	2	N. by W.	3	W.N.W.	3	W. by N.	3	W. by N.	3
	14	S. by W.	1	S. by W.	1	S. by W.	1	W.	2	N. by W.	2	N. by W.	2
	15	—	—	—	—	—	—	—	—	—	—	—	—
	16	N.W. by W.	2	W. by N.	3	S.W.	3	S. by W.	3	W.N.W.	3	S.S.E.	3
	17	S. by E.	2	S. by E.	2	S. by E.	2	N.W.	3	N.W.	4	N. by W.	6
	18	S. by E.	3	S. by E.	6	S. by E.	6	S. by E.	6	S. by E.	6	S. by E.	5
	19	N. by W.	2	N.	2	N. by W.	2	N. by W.	2	N. by W.	2	N. by W.	1
	20	—	2	—	—	—	—	—	—	—	—	—	—
	21	—	3	—	4	—	6	—	6	—	7	—	7
	22	—	—	—	—	—	—	—	—	—	—	—	—
	23	—	2	—	2	—	2	—	2	—	2	—	3
	24	—	4	—	4	—	3	—	3	—	1	—	4
	25	—	—	—	2	—	3	—	4	—	4	—	3
	26	—	4	—	5	—	5	—	5	—	3	—	5
	27	—	4	—	3	—	3	—	6	—	4	—	5
	28	—	3	—	3	—	3	—	3	—	4	—	3

^a Clock stopped.

^b Instrument and clock undergoing repairs and alterations.

DIRECTION AND FORCE OF THE WIND.

6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.W. by W.	4	N.W.	4	N.W.	5	N.W.	4	N.W.	4	N.W.	5	1
S.E. by E.	5	S.E. by E.	6	E.S.E.	6	S.E. by E.	2	S.E. by E.	1	E.S.E.	1	2
E.N.E.	3	E.N.E.	2	N. by E.	2	N. by W.	3	N.	3	N.	2	3
E. by N.	2	S.E.	2	S.E.	3	S.E.	1	S.E.	2	S.E.	2	4
S.S.E.	5	S.S.E.	2	S.S.E.	4	S.S.E.	4	S.S.E.	2	S.S.E.	2	5
N.W. by W.	7	N.W.	7	N.W.	7	N.W.	7	N.W.	7	N.W.	7	6
S.E.	3	W.S.W.	2	E.S.E.	1	S.E. by S.	2	S.E. by S.	2	S.E. by S.	2	7
S.E. by S.	8	S.E.	8	S.E. by E.	8	S.E. by S.	8	S.E.	8	S.S.E.	8	8
S. by W.	4	S. by W.	4	S.	4	S. by W.	3	S. by W.	3	S. by W.	3	9
S.	7	^a —	7	^a —	—	^a —	6	^a —	—	^a —	—	10
S.E. by S.	4	S.E. by S.	3	Calm.	—	Calm.	—	S.E. by S.	1	Calm.	—	11
S. by E.	1	N.N.W.	3	S.	6	S.S.W.	5	W. by S.	3	S. by W.	2	12
N.N.W.	2	N.W. by N.	4	N.W. by N.	4	N.N.W.	4	N.N.W.	3	N.N.W.	4	13
S. by E.	3	S. by E.	2	Calm.	—	S. by E.	2	S. by E.	2	S. by E.	2	14
S. by E.	1	S. by E.	1	S. by E.	3	S. by E.	3	S. by E.	1	S. by E.	1	15
E. by N.	2	E.	2	E.	1	E.	1	N. by E.	1	S. by E.	1	16
—	2	^b —	1	—	1	^b —	2	—	2	^b —	2	17
—	4	—	5	—	7	—	7	—	7	—	8	18
—	6	—	6	—	5	—	3	—	6	—	5	19
—	—	—	—	—	—	—	—	—	—	—	—	20
—	7	—	6	—	6	—	4	—	4	—	4	21
—	2	—	1	—	1	—	—	—	1	—	—	22
—	4	—	4	—	4	—	4	—	4	—	4	23
—	5	—	3	—	3	—	3	—	3	—	3	24
—	4	—	4	—	3	—	2	—	1	—	1	25
—	—	—	—	—	—	—	—	—	—	—	—	26
—	—	—	—	—	—	—	—	—	—	—	—	27
—	—	—	—	—	—	—	—	—	—	—	—	28

FEBRUARY.

18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
—	—	—	—	—	—	—	—	—	—	—	—	1
N.W.	4	W.	2	W. by S.	2	N.W. by W.	2	S.E. by E.	2	E.S.E.	2	2
N.N.W.	2	N.N.W.	2	N.N.W.	2	N.W. by N.	2	N. by W.	2	E. by S.	3	3
N.W. by W.	3	N.W.	3	N.N.W.	3	N.W. by N.	3	N.W.	2	N.W.	2	4
N.W. by W.	3	N.W.	3	N.W. by N.	4	N.N.W.	4	N.W. by N.	3	N.N.W.	2	5
S.S.E.	1	W.S.W.	1	W.S.W.	1	N.W.	1	N.W.	2	N.W. by W.	1	6
N.W. by N.	9	N.W. by N.	9	N.W. by N.	9	N.W.	8	N.W.	8	N.W. by N.	8	7
S.S.E.	7	S.E.	7	S.E.	7	S.E.	7	S.E.	5	S.S.E.	6	8
S. by E.	4	S. by E.	6	S. by E.	7	S. by E.	7	S. by E.	7	S. by E.	7	9
N.W. by N.	1	N.W. by N.	2	S.	2	N.W. by N.	2	E. by N.	3	S.S.W.	4	10
S. by E.	2	S.	2	S.	2	E. by N.	3	E.	3	N.W. by N.	4	11
W.N.W.	3	N.W. by W.	4	N.N.W.	4	N.N.W.	3	N.W.	3	N.N.W.	3	12
N. by W.	2	N. by E.	2	N.W. by W.	2	N.W.	3	N.W. by N.	3	N. by W.	5	13
W. by S.	3	N.	3	N.N.W.	3	S.S.W.	4	S.	3	S.	4	14
N. by W.	6	N. by W.	7	N. by W.	8	N by W.	7	N.	6	N.	6	15
S. by E.	4	S. by E.	3	S. by E.	3	S.S.E.	3	S.S.E.	3	S.S.E.	3	16
N. by W.	2	N. by W.	2	N. by W.	3	N. by W.	1	^c —	2	^b —	2	17
—	—	^b —	2	—	2	^b —	3	—	2	^b —	2	18
—	6	—	5	—	4	—	2	—	3	—	5	19
—	—	—	—	—	—	—	—	—	—	—	—	20
—	2	—	4	—	5	—	5	—	5	—	4	21
—	3	—	3	—	3	—	2	—	4	—	4	22
—	2	—	2	—	3	—	5	—	6	—	4	23
—	5	—	4	—	6	—	6	—	6	—	6	24
—	5	—	6	—	6	—	6	—	7	—	7	25
—	2	—	2	—	2	—	2	—	2	—	2	26
—	—	—	—	—	—	—	—	—	—	—	—	27
—	—	—	—	—	—	—	—	—	—	—	—	28

FEBRUARY.

^c The anemometer apparatus and clock taken down to be repaired, being very much out of order.

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3.		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
MARCH.	1	—	4	—	5	—	6	—	6	—	6	^a —	6
	2	—	—	—	—	—	—	—	—	—	—	—	—
	3	—	5	—	3	—	4	—	4	—	4	—	4
	4	—	9	—	8	—	8	—	4	—	5	—	3
	5	—	5	—	5	—	4	—	4	—	4	—	4
	6	—	2	—	4	—	4	—	5	—	6	—	5
	7	—	5	—	5	—	5	—	5	—	5	—	5
	8	—	3	—	3	—	—	—	2	—	2	—	1
	9	—	—	—	—	—	—	—	—	—	—	—	—
	10	—	4	—	5	—	5	—	4	—	3	—	3
	11	S.E.	3	S.E.	4	S.E.	5	S.E.	6	S.E.	6	S.E.	5
	12	S.S.E.	6	W.S.W.	7	W.S.W.	7	W.S.W.	8	N.W.	9	W.N.W.	8
	13	N.W.	6	N.W. by W.	3	N.W. by W.	5	N.W.	7	N.W.	7	N.W.	7
	14	N.N.W.	4	N. by W.	4	N. by W.	4	N. by W.	5	N. by W.	4	S.S.E.	4
	15	N.W. by N.	8	N.W.	9	N.W.	9	N.W.	9	N.W.	8	W. by N.	8
	16	—	—	—	—	—	—	—	—	—	—	—	—
	17	N.N.W.	2	N.E.	2	N.N.E.	4	N. by E.	5	N. by E.	5	N. by E.	2
	18	Calm.	—	Calm.	—	Calm.	—	E. by N.	2	E. by S.	3	E.S.E.	1
	19	N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	2	—	4	^b —	2
	20	N. by E.	3	S.S.E.	2	S. by E.	3	S. by E.	3	S. by E.	2	S. by E.	2
	21	—	—	W.	—	—	—	N.W.	^c —	—	—	N.W.	^c —
	22	S.	3	E.	2	S.	3	S. by E.	3	S.S.E.	4	S.S.E.	3
	23	—	—	—	—	—	—	—	—	—	—	—	—
	24	N.N.W.	4	N. by W.	3	N.	3	S.E.	3	S.S.E.	4	S. by E.	3
	25	E.S.E.	3	S.E.	3	S.E. by S.	3	S.W.	3	E.S.E.	3	E.S.E.	3
	26	S.E. by S.	3	S.E. by S.	3	S.E.	3	S.E.	3	S.S.E.	3	S. by E.	3
	27	W. by N.	5	W. by N.	5	W. by N.	7	W. by N.	5	W. by N.	2	W. by N.	1
	28	N.	3	N.N.W.	4	N. by W.	3	W. by N.	3	W. by N.	2	W. by N.	1
	29	N. by W.	6	N. by W.	7	N. by W.	6	N. by W.	5	N. by W.	4	N. by W.	5
	30	—	—	—	—	—	—	—	—	—	—	—	—
	31	E.S.E.	2	E.S.E.	2	E.S.E.	4	E.S.E.	4	E.S.E.	4	E.S.E.	4

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
MARCH.	1	—	—	^a —	—	—	^a —	—	—	—	—	—	
	2	—	5	—	6	—	6	—	6	—	6	—	
	3	—	1	—	2	—	2	—	2	—	2	—	
	4	—	2	—	3	—	2	—	3	—	4	—	
	5	—	3	—	1	—	3	—	2	—	3	—	
	6	—	5	—	5	—	5	—	5	—	5	—	
	7	—	5	—	6	—	—	—	—	—	6	—	
	8	—	—	—	—	—	—	—	—	—	—	—	
	9	—	4	—	5	—	—	—	—	—	4	—	
	10	N.W.	7	N.N.W.	5	N.W. by W.	5	N.W. by W.	4	N.W. by W.	4	W.N.W.	3
	11	N.W. by N.	5	N.W. by N.	5	N.W. by W.	6	N.W. by W.	6	W.N.W.	5	W.N.W.	6
	12	N.N.W.	2	N.N.W.	2	N.W. by N.	3	N.W.	4	N.W. by W.	4	N.W. by W.	5
	13	N.N.W.	6	N.W.	6	N.W. by W.	7	N.W. by W.	7	W.N.W.	7	W.N.W.	7
	14	N. by W.	3	W. by N.	3	W. by N.	3	W. by N.	3	W. by N.	3	N.W.	3
	15	—	—	—	—	—	—	—	—	—	—	—	—
	16	S.E.	2	S.W.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	17	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	18	N.N.W.	1	N. by W.	—	Calm.	—	N.N.W.	1	N.N.W.	2	N.N.W.	1
	19	N.W. by N.	4	N.W. by N.	—	E.N.E.	—	S. by E.	—	S.	—	S.	—
	20	—	—	N.N.W.	^c —	—	—	N. by W.	^c —	—	—	N.N.W.	^c —
	21	W. by S.	1	N.W. by N.	1	N.N.E.	1	N.	2	N. by W.	2	N. by W.	2
	22	—	—	—	—	—	—	—	—	—	—	—	—
	23	N.N.E.	1	N.	1	N.	2	N. by E.	2	N. by W.	3	N. by W.	3
	24	Calm.	—	N.N.E.	1	N.N.E.	2	N.	2	N. by W.	2	N.N.W.	3
	25	N.N.W.	3	N.N.W.	3	N.	3	N. by W.	4	N. by W.	3	N. by W.	3
	26	S.	1	N.N.W.	3	N.N.W.	4	N.N.W.	5	N.	6	N.	5
	27	S.S.E.	1	Calm.	—	S.S.E.	1	N. by W.	1	N.	2	N. by W.	4
	28	S.W.	4	S.W. by S.	4	S.S.W.	4	S.S.W.	5	S.S.W.	6	S.S.W.	5
	29	—	—	—	—	—	—	—	—	—	—	—	—
	30	S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	2
	31	S. by W.	2	W. by N.	1	W. by N.	1	W. by N.	1	W. by N.	1	W. by N.	1

^a Instrument and clock undergoing repair and alteration.

^b Instrument out of gear.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
—	5	—	4	—	4	^a —	1	—	1	^a —	—	1
—	—	—	—	—	—	—	—	—	—	—	—	2
—	2	—	1	—	—	—	—	—	—	—	1	3
—	3	—	4	—	6	—	7	—	7	—	3	4
—	3	—	4	—	5	—	4	—	2	—	4	5
—	4	—	2	—	1	—	—	—	—	—	1	6
—	4	—	4	—	3	—	3	—	2	—	4	7
—	1	—	1	—	2	—	2	—	2	—	2	8
—	—	—	—	—	—	—	—	—	—	—	—	9
N.W. by N.	3	N.W.	4	N.W.	4	N.W.	4	N.W.	5	N.W.	6	10
S.E.	5	S.E.	3	S.E.	3	S.E.	1	E.N.E.	1	N.W. by N.	2	11
W.N.W.	8	W.N.W.	5	N.W. by W.	3	N.N.W.	5	N.N.W.	5	N.N.W.	3	12
N.W.	6	N. by W.	6	N. by W.	5	N. by W.	6	N. by W.	6	N. by W.	6	13
S. by E.	3	S. by E.	2	S by E.	2	S. by E.	2	S. by E.	2	S. by E.	3	14
W.	9	W.N.W.	8	W.N.W.	5	W. by N.	5	W.N.W.	5	N.W.	6	15
—	—	—	—	—	—	—	—	—	—	—	—	16
N. by E.	2	N. by W.	2	N. by W.	1	N. by W.	1	Calm.	—	Calm.	—	17
E. by N.	3	E.N.E.	1	N.E.	1	N. by E.	1	N. by E.	2	Calm.	—	18
S.	1	S. by W.	2	E. by N.	2	N.W.	2	W. by S.	2	N.W.	3	19
S. by E.	2	S. by E.	1	S. by E.	1	S. by E.	1	S. by E.	1	N.N.W.	2	20
—	—	S.W.	^c —	—	—	W. by N.	^c —	—	—	S.W.	^c —	21
S. by E.	2	Calm.	—	S. by E.	1	S. by E.	1	S. by E.	1	S. by E.	1	22
—	—	—	—	—	—	—	—	—	—	—	—	23
S.W. by S.	1	E.N.E.	1	N.E. by E.	1	Calm.	—	Calm.	—	N.N.E.	1	24
S. by E.	3	S.E. by E.	3	N. by E.	3	N.N.W.	3	N.N.W.	3	N.N.W.	3	25
S. by E.	4	S.	3	S.	2	S.	1	S.	1	S.	1	26
W. by N.	1	S.E.	5	S.E. by S.	5	S.S.E.	1	S.S.E.	1	Calm.	—	27
Calm.	—	W. by N.	1	W. by N.	1	W. by N.	1	W. by N.	3	N.W. by W.	2	28
N.N.W.	5	N.W. by N.	5	N.W. by N.	5	N.W. by N.	4	N.W. by N.	4	N.W.	5	29
—	—	—	—	—	—	—	—	—	—	—	—	30
S.E. by S.	3	S.E. by S.	2	S.E. by S.	1	S. by E.	2	S. by W.	2	S. by W.	2	31

MARCH.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
—	—	^a —	—	—	—	^a —	—	—	—	^a —	—	1
—	6	—	6	—	7	—	6	—	6	—	5	2
—	1	—	7	—	2	—	2	—	1	—	3	3
—	5	—	5	—	5	—	4	—	5	—	5	4
—	3	—	3	—	2	—	2	—	3	—	3	5
—	4	—	3	—	3	—	4	—	2	—	3	6
—	—	—	6	—	7	—	7	—	7	—	5	7
—	—	—	—	—	—	—	—	—	—	—	—	8
—	4	—	4	—	4	—	5	—	6	—	7	9
W.N.W.	2	W.N.W.	2	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	10
N.W. by W.	6	W.N.W.	5	W.N.W.	5	N. by W.	3	N. by W.	2	S.S.E.	4	11
N.W. by W.	5	N.W. by W.	4	N.W.	6	N.N.W.	6	N.W.	6	N. by W.	6	12
W.N.W.	7	N.W.	7	N.W.	7	N.N.W.	7	N.N.W.	8	N.N.W.	7	13
N.W.	5	N.W.	3	N.W.	4	N.N.W.	4	N.N.W.	4	N. by W.	7	14
—	—	—	—	—	—	—	—	—	—	—	—	15
Calm.	—	W.N.W.	3	N.W.	3	N.N.W.	3	N.N.W.	2	N.N.W.	2	16
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	17
N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	1	^b —	1	18
S.S.W.	1	S.S.W.	2	N.W. by W.	2	N.W. by W.	1	N.	1	E.N.E.	1	19
—	—	S.W. by S.	^c —	—	—	W. by S.	^c —	—	—	W.	^c —	20
S.S.E.	2	S.W.	3	W. by S.	3	S.S.W.	3	S. by W.	3	S.	3	21
—	—	—	—	—	—	—	—	—	—	—	—	22
N. by W.	4	N. by W.	4	N. by W.	3	N. by W.	4	N. by W.	4	N. by W.	4	23
N.N.W.	3	N.N.W.	3	N. by W.	3	N.W.	3	N.W. by N.	3	N.N.W.	2	24
N. by E.	4	N. by E.	2	N.	4	N. by E.	4	N.	4	S.	3	25
N. by W.	6	N. by W.	6	N. by W.	6	N. by W.	5	W. by N.	5	W. by N.	5	26
N. by W.	4	N. by W.	4	N. by W.	4	N. by W.	4	N.	4	N.	3	27
N.W.	6	N.W.	7	N.W. by W.	8	N.W. by N.	8	W. by N.	8	W. by N.	8	28
—	—	—	—	—	—	—	—	—	—	—	—	29
S.S.E.	2	S.S.E.	2	S.S.E.	2	E.S.E.	2	E.S.E.	3	E.S.E.	3	30
W. by N.	1	W.N.W.	1	W.N.W.	1	N.W. by W.	2	N.W.	1	N.W. by N.	1	31

MARCH.

* Good Friday; no register of force of wind; direction taken from anemometer sheet.

DIRECTION AND FORCE OF THE WIND.														
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .			
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		
APRIL.	1	E.N.E.	1	S.E. by E.	2	S.E.	3	S.E.	3	S.E. by E.	3	S.E. by E.	3	
	2	S.E. by E.	3	S.E. by E.	3	S.E. by E.	4	^a —	4	^a —	3	^a —	2	
	3	W. by N.	4	W. by N.	5	W.	5	W. by N.	4	W.N.W.	5	W.N.W.	6	
	4	E.	2	S.E.	2	S.E.	2	S.E. by S.	3	S.E. by S.	4	S.E. by S.	3	
	5	S.E. by E.	3	S.E.	6	S.S.E.	7	S.S.E.	8	S.S.E.	9	S.S.E.	8	
	6	—	—	—	—	—	—	—	—	—	—	—	—	—
	7	S.E. by S.	3	S.E. by S.	2	S.E. by S.	2	S. by E.	3	S. by E.	3	S. by E.	2	
	8	N. by W.	4	N. by W.	4	N. by W.	4	N. by W.	2	N. by W.	1	N. by W.	1	
	9	N. by W.	4	N. by W.	2	N. by W.	1	Calm.	—	N. by W.	1	N. by W.	2	
	10	N.W.	2	N.W.	3	S.E. by S.	2	S.E. by S.	2	S.E.	2	S.E. by S.	2	
	11	S.S.W.	4	S. by W.	5	S.S.W.	6	S.W.	5	S.W. by S.	3	S.S.W.	3	
	12	E.S.E.	2	S.E.	4	S.E.	4	S.E.	3	S.E. by E.	2	N.E.	2	
	13	—	—	—	—	—	—	—	—	—	—	—	—	—
	14	N. by W.	6	N.W.	6	N.W.	7	N.W. by N.	7	N.W. by N.	7	N.W. by N.	6	
	15	N.N.W.	5	N.W. by N.	7	N.W.	6	N.W. by N.	6	N.W.	5	N.W. by N.	5	
	16	N. by W.	2	S.E. by S.	3	S.E. by S.	3	S.E. by S.	3	S.E. by S.	3	S.E. by S.	3	
	17	N. by W.	3	N. by W.	3	N. by W.	3	S.E.	3	S. by E.	3	S.S.E.	2	
	18	S.E.	1	N. by W.	5	N. by W.	6	N. by W.	7	N. by W.	8	N. by W.	7	
	19	N.W.	3	N.W. by W.	4	W.N.W.	4	N.W.	3	W. by N.	3	W. by N.	3	
	20	—	—	—	—	—	—	—	—	—	—	—	—	—
	21	N. by E.	2	S.E. by S.	3	S.E.	3	S.E.	3	S.E. by S.	4	S.S.E.	5	
	22	S. by E.	3	S.S.E.	3	S.E. by S.	4	S.E. by S.	3	S.E.	4	E.S.E.	3	
	23	N. by W.	2	E. by N.	3	S.E. by S.	4	S.E. by S.	4	S.E.	4	E.S.E.	1	
	24	N. by W.	2	N.	1	N. by E.	2	S.E. by S.	2	S.S.E.	3	S.S.E.	3	
	25	N. by W.	6	N. by W.	5	N.N.W.	4	N.W. by N.	4	N.W. by N.	3	N.N.W.	4	
	26	N. by W.	4	N.W.	4	W.	4	W.N.W.	3	W. by N.	7	W.N.W.	5	
	27	—	—	—	—	—	—	—	—	—	—	—	—	—
	28	N. by E.	3	N. by E.	2	S.E.	2	S. by E.	2	S.S.E.	2	S. by W.	2	
	29	N.N.W.	1	N.N.W.	2	S.E. by S.	2	S.E. by S.	3	S.S.E.	3	S.S.E.	3	
	30	N.W. by W.	2	W.N.W.	2	W.N.W.	2	W.N.W.	2	W.N.W.	2	W.N.W.	1	

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .			
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		
APRIL.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N. by E.	1	N. by E.	1	
	2	N.W.	6	N.W.	5	N.W.	6	N.W.	6	N.W.	5	N.W.	5	
	3	N.W. by W.	5	N.W.	5	N.W.	5	N.W. by W.	5	N. by W.	4	N.W.	4	
	4	N.W.	4	N.W. by W.	5	N.W. by W.	7	N.W. by W.	7	N.W. by W.	7	N.W.	6	
	5	—	—	—	—	—	—	—	—	—	—	—	—	
	6	N. by E.	1	N. by E.	1	N. by E.	1	N. by E.	1	N.W.	1	N.W.	1	
	7	W.S.W.	2	N.W. by W.	2	N.W. by W.	3	W.N.W.	5	W.N.W.	6	W.N.W.	6	
	8	N.W. by N.	5	N.W. by N.	6	N.W.	7	N.W. by N.	7	N.W. by N.	7	N.W. by N.	6	
	9	N.W. by W.	2	N.W. by W.	2	N.W. by W.	2	N.W. by W.	2	N.W. by W.	2	Calm.	—	
	10	W.S.W.	2	Calm.	—	W.S.W.	2	N.N.E.	3	W.S.W.	4	W.S.W.	3	
	11	N.W.	4	N.W. by N.	6	N.W.	6	W.N.W.	6	W. by N.	5	W. by N.	4	
	12	—	—	—	—	—	—	—	—	—	—	—	—	—
	13	N.N.W.	2	N. by W.	4	N.W. by W.	5	N.W. by N.	5	N.W. by N.	5	N.W. by N.	2	
	14	N.N.W.	6	N.W. by N.	7	W.N.W.	5	N.W. by N.	6	N.N.W.	5	N.W. by N.	7	
	15	W.S.W.	5	W.S.W.	6	W.S.W.	6	W.S.W.	7	W.S.W.	6	W.S.W.	6	
	16	S.W.	2	N.N.W.	4	N.N.W.	6	N.N.W.	7	N.N.W.	8	W.N.W.	6	
	17	N. by W.	4	N.W.	6	N. by W.	3	N. by W.	2	N. by W.	2	N. by W.	2	
	18	N.W.	8	N.W.	8	N.W.	2	N.W.	1	N.W. by W.	1	N.W.	3	
	19	—	—	—	—	—	—	—	—	—	—	—	—	—
	20	N.N.W.	1	N.N.W.	3	N.W. by W.	2	N.W. by W.	2	N.W. by W.	2	N.W. by W.	2	
	21	S.S.E.	3	S.S.E.	3	S.S.E.	3	S. by E.	4	N.N.W.	3	N.N.W.	3	
	22	N. by W.	2	N. by W.	1	N.	3	N. by W.	3	N.	3	N.	2	
	23	N. by W.	1	N. by W.	1	N. by W.	1	N.W.	2	N.W.	2	W. by N.	3	
	24	N. by E.	1	N.	1	N.W.	1	N.W. by W.	4	N.W. by W.	4	N.W.	5	
	25	N.	3	N.	—	W. by N.	6	W.N.W.	6	N.N.W.	2	N.W. by N.	2	
	26	—	—	—	—	—	—	—	—	—	—	—	—	—
	27	N. by E.	2	N. by E.	2	N.N.W.	4	N.N.W.	5	N.N.W.	5	N.N.W.	5	
	28	Calm.	—	W.S.W.	1	W.S.W.	1	N.N.W.	1	N.N.W.	1	W.N.W.	1	
	29	W.	2	N.W.	2	N.W.	2	N. by W.	2	N.W. by W.	2	N.W. by W.	2	
	30	N.W. by W.	2	W.	2	W. by N.	2	N.N.W.	1	N.N.W.	1	N.N.W.	1	

* Pencil thrown out of gear.

DIRECTION AND FORCE OF THE WIND.

6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
E. by N.	2	E.N.E.	1	E.N.E.	1	Calm.	—	Calm.	—	Calm.	—	1
S.E.	1	Calm.	—	Calm.	—	N.W.	3	N.W.	5	N.W.	6	2
W.N.W.	6	W. by N.	5	N.W. by W.	5	W.N.W.	5	W.N.W.	5	N.W.	4	3
S.E. by S.	3	S.E. by S.	3	S.E. by S.	2	S.E. by S.	2	S.E. by S.	2	N.N.W.	3	4
S.S.E.	7	S.S.E.	6	S. by E.	5	S. by E.	4	S. by E.	4	S. by W.	3	5
—	—	—	—	—	—	—	—	—	—	—	—	6
S. by E.	2	S. by E.	2	S. by E.	2	S.W.	1	W.S.W.	1	W.S.W.	1	7
N. by W.	1	N. by W.	1	N. by W.	1	N. by W.	2	N.N.W.	3	N.W. by N.	4	8
N.N.W.	5	N.N.W.	5	N.W. by W.	2	N.W. by W.	1	N.W. by W.	1	N.W. by W.	1	9
S. by W.	2	S. by W.	2	S.E. by S.	2	S.S.W.	1	W.S.W.	1	W.S.W.	1	10
S.S.W.	2	S.S.E.	1	S.S.E.	1	S.S.E.	3	S. by E.	3	W.S.W.	3	11
N.E.	1	N.E.	1	Calm.	—	N.W. by N.	2	N.W.	5	N.W. by N.	6	12
—	—	—	—	—	—	—	—	—	—	—	—	13
N.W.	7	N.W.	7	N.W. by W.	7	N.W. by W.	7	N.W. by W.	3	N.W. by N.	4	14
N.W. by N.	6	N.W. by N.	5	N. by E.	4	N.W. by N.	8	N.W.	7	W.S.W.	7	15
S.S.E.	3	S.S.E.	2	S.S.E.	2	S.S.E.	2	S.S.E.	2	S.S.E.	2	16
S.S.E.	1	Calm.	—	Calm.	—	Calm.	—	W.S.W.	2	N.N.W.	3	17
N. by W.	7	N. by W.	7	N.N.W.	6	N.W. by N.	6	N.W. by W.	5	N.W.	6	18
W.	3	N.W.	4	N.W.	4	N.W. by W.	3	N. by W.	3	N.W. by W.	3	19
—	—	—	—	—	—	—	—	—	—	—	—	20
S.S.E.	7	S.S.E.	3	S.S.W.	3	S.	4	S.S.E.	2	S. by E.	5	21
E. by S.	3	E. by S.	2	S. by E.	2	E. by S.	2	N. by W.	2	N. by W.	2	22
S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	1	N. by W.	1	23
S.S.E.	2	S.S.E.	1	N.N.E.	1	N.N.E.	1	N.N.E.	1	N. by E.	1	24
N.W. by W.	5	N.W. by W.	3	N.W. by W.	5	N.N.W.	4	N. by W.	4	N. by W.	3	25
N. by W.	3	N. by W.	2	N. by W.	4	N.W.	4	N.W.	3	N.W. by N.	2	26
—	—	—	—	—	—	—	—	—	—	—	—	27
S. by W.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	28
S. by W.	3	S. by W.	2	S. by W.	1	W. by S.	2	W. by S.	2	W. by S.	2	29
W.N.W.	1	W.N.W.	1	W. by N.	1	W.N.W.	1	N.W. by W.	1	N.W. by W.	1	30

APRIL.

18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N. by E.	1	N. by E.	1	N. by E.	1	Calm.	—	Calm.	—	S.E. by E.	3	1
N.W.	5	W.N.W.	5	W.	5	N.W.	3	W. by N.	4	W.N.W.	4	2
N.W.	4	N.W.	4	N.W.	4	N.N.W.	4	N.N.W.	3	N. by W.	3	3
N.W. by N.	5	N.N.W.	4	W. by N.	3	N. by W.	4	N. by W.	3	W. by N.	3	4
—	—	—	—	—	—	—	—	—	—	—	—	5
N. by W.	1	N.N.W.	5	N.N.W.	5	N.W. by N.	4	W.N.W.	3	W.N.W.	3	6
W.N.W.	6	N.W.	6	N. by W.	6	N.N.W.	6	N. by W.	6	N. by W.	5	7
N.W. by N.	5	N. by W.	3	W. by N.	3	N.N.W.	3	N.N.W.	4	N. by W.	4	8
Calm.	—	Calm.	—	N.W.	2	N.W.	2	N.W.	2	N.W.	2	9
W.S.W.	5	W.S.W.	4	W.S.W.	3	N. by W.	2	S. by E.	5	S.S.W.	5	10
W. by N.	2	W. by N.	2	N. by W.	2	E.S.E.	2	E. by S.	2	E.S.E.	2	11
—	—	—	—	—	—	—	—	—	—	—	—	12
N. by W.	3	N. by W.	3	N. by W.	4	N. by W.	5	N. by W.	5	N. by W.	5	13
N.W. by N.	7	N.N.W.	7	N.N.W.	7	N.N.W.	6	N.N.W.	6	N. by W.	4	14
N.N.W.	4	N. by W.	3	N.	3	N. by W.	3	N. by W.	3	N. by W.	2	15
N.N.W.	5	N.W.	5	N.N.W.	6	N.W. by N.	6	N.N.W.	5	N. by W.	4	16
N.N.W.	1	N.N.W.	1	N.N.W.	2	N. by W.	2	N. by W.	1	N. by W.	2	17
N.W.	3	N.W.	3	N.W.	3	N.N.W.	3	N.N.W.	5	N. by W.	3	18
—	—	—	—	—	—	—	—	—	—	—	—	19
N.W. by W.	2	N.W. by W.	1	N.W. by W.	1	N.W. by W.	3	W.	3	N.N.W.	2	20
N.W.	3	N.W. by W.	2	N.W.	3	S.W.	3	S.	2	S. by E.	2	21
N.	2	N. by W.	2	N.	3	N.W. by N.	3	N.W.	2	N.W. by N.	2	22
W. by N.	4	W. by N.	3	W. by N.	4	N.N.W.	4	N.W. by N.	3	N. by W.	2	23
N.W. by N.	6	N.W. by N.	6	N.W. by N.	6	N.W.	6	N.N.W.	6	N. by W.	6	24
N.N.W.	3	N.W. by N.	3	N.W. by N.	5	N.N.W.	5	N.N.W.	6	N. by W.	6	25
—	—	—	—	—	—	—	—	—	—	—	—	26
N.N.W.	4	N.N.W.	3	N.N.W.	3	N.W. by N.	3	N.W.	3	N. by W.	3	27
N.W.	1	N.W.	2	N.W. by N.	2	N.W. by W.	3	N.W. by W.	3	N.W.	2	28
N.W. by N.	3	W. by N.	2	W. by N.	3	W.N.W.	2	W.	2	W.N.W.	2	29
N.N.W.	1	S.W.	2	S.W.	2	N. by W.	1	N. by W.	1	N. by W.	1	30

APRIL.

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
MAY.	1	Calm.	—	S.E.	4	S.E.	3	S.E.	3	S.E.	2	S.E.	2
	2	S.E.	2	S.S.E.	3	S.S.E.	3	S.E. by S.	3	S.E. by S.	4	S.S.E.	2
	3	Calm.	—	S.E. by S.	1	S.E. by S.	1	S.E. by S.	1	S.E. by S.	1	S.E. by S.	2
	4	—	—	—	—	—	—	—	—	—	—	—	—
	5	N.	1	N.W.	1	N.W.	2	Calm.	—	Calm.	—	Calm.	—
	6	N.N.W.	4	N.N.W.	4	W. by N.	2	N.W. by N.	3	W. by N.	2	W. by N.	2
	7	N.N.W.	6	N.N.W.	6	N.N.W.	6	N. by W.	7	N.N.W.	8	N.N.W.	8
	8	S.W. by S.	2	W.	2	N.W.	2	S. by W.	3	S. by W.	3	N.W.	3
	9	N.N.W.	6	N.N.W.	6	N.N.W.	6	N.W. by N.	3	N.W. by N.	2	W.N.W.	3
	10	N. by W.	5	N.W. by N.	4	N. by W.	3	N. by W.	3	N. by W.	1	N.N.W.	1
	11	—	—	—	—	—	—	—	—	—	—	—	—
	12	N.N.W.	2	N.N.W.	5	W. by N.	4	N.W. by N.	4	N.W. by W.	3	N.W. by W.	3
	13	N. by W.	2	N.N.W.	4	N.W. by W.	5	N.W. by W.	6	N.W.	6	N.W.	6
	14	N.N.W.	2	N.W.	3	N.N.W.	4	N.N.W.	3	N.W.	4	N.W.	4
	15	S.S.E.	6	S.S.E.	6	S.E.	5	S.E.	4	S.S.E.	3	S.S.E.	2
	16	N.N.W.	4	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	1	N.N.W.	1
	17	N.W.	6	N.W. by N.	6	N.W. by N.	3	N.N.W.	4	W. by N.	1	Calm.	—
	18	—	—	—	—	—	—	—	—	—	—	—	—
	19	N. by W.	2	N. by W.	2	N. by W.	2	N. by W.	1	N. by W.	1	N. by W.	1
	20	N.	1	N.	2	S.S.E.	3	S.E. by S.	3	S.S.E.	4	S.S.E.	2
	21	N.W. by W.	2	N.W. by N.	2	N.W. by N.	1	N.W. by N.	1	N.N.W.	1	N.N.W.	1
	22	N.W. by W.	2	N.W.	4	N.W.	3	N.W. by W.	3	N.W. by W.	2	N.W.	2
	23	N.N.W.	2	N.W.	2	N.W.	1	N.W.	4	N. by W.	6	N. by W.	5
	24	N.W. by N.	6	N.W.	5	N.W.	6	N.W.	6	W. by N.	1	N.W.	1
	25	—	—	—	—	—	—	—	—	—	—	—	—
	26	N.W.	3	N.W.	1	N.W.	2	N.W.	1	Calm.	—	Calm.	—
	27	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	Calm.	—	Calm.	—	Calm.	—
	28	—	1	^b —	1	W.S.W.	2	W.S.W.	3	W.S.W.	3	W.S.W.	2
	29	S.	3	S.	5	S.E.	4	S.S.E.	3	S.S.E.	3	S.S.E.	3
	30	N.W.	4	N.N.W.	2	N.N.W.	1	S.	3	S.S.E.	3	S.S.E.	4
	31	S.E.	4	S.S.E.	4	S.S.E.	3	S.S.E.	6	S. by E.	3	S.E. by S.	3

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
MAY.	1	Calm.	—	Calm.	—	Calm.	—	^a —	1	—	2	—	1
	2	Calm.	—	S. by E.	1	N. by W.	1	N. by W.	1	N. by W.	1	N.W.	2
	3	—	—	—	—	—	—	—	—	—	—	—	—
	4	N.W. by N.	2	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	4	N.W. by N.	2
	5	N.W. by N.	1	Calm.	—	N.W.	1	N.W.	3	N.W.	2	N.W.	1
	6	N.N.W.	3	N.W. by N.	3	N.W. by W.	3	N.W. by W.	3	N.W. by N.	3	N.W. by W.	4
	7	N.N.W.	7	N.N.W.	7	N.N.W.	7	N.W.	7	N. by W.	7	N.W.	7
	8	N.W. by N.	1	N.W. by N.	4	N.W. by N.	4	N.	5	N.W. by W.	4	N.W.	5
	9	N.W. by W.	5	N.W.	6	N.W. by W.	6	N.W.	6	N.W.	5	N.W.	5
	10	—	—	—	—	—	—	—	—	—	—	—	—
	11	N.W. by W.	3	W.N.W.	3	W.N.W.	3	W. by N.	3	W. by N.	2	W. by N.	2
	12	N.W. by W.	4	N.W. by W.	4	N.W. by W.	5	N.W.	5	N.W.	6	N.W. by W.	6
	13	W.	1	W.N.W.	3	N.W. by W.	4	W. by S.	1	W. by S.	1	W.	2
	14	W.N.W.	5	W. by N.	6	W. by N.	4	W. by N.	3	N.W. by N.	2	N.W. by N.	1
	15	N.N.W.	3	W.N.W.	1	W.N.W.	2	W.N.W.	4	W.N.W.	2	N.N.W.	4
	16	N.	3	N.N.W.	1	N.W.	4	W.N.W.	6	W.N.W.	6	N.W. by N.	6
	17	—	—	—	—	—	—	—	—	—	—	—	—
	18	N.N.E.	1	N.	2	N.N.E.	3	N.W. by W.	3	W.N.W.	3	W.N.W.	1
	19	N.W.	4	N.W. by N.	4	N.W. by W.	3	W.N.W.	5	N.W.	3	W. by N.	2
	20	Calm.	—	N.N.E.	1	N.N.E.	1	N.N.E.	1	N. by E.	1	W.N.W.	1
	21	N.N.W.	2	N.W. by W.	3	N. by W.	3	N.W.	3	N.N.W.	3	N.N.W.	1
	22	N.N.W.	2	N. by W.	2	N.W. by W.	4	N.W. by W.	5	N.W. by W.	7	N.W. by W.	7
	23	N.W. by W.	4	N.W. by W.	3	N.W.	3	N.W.	4	N.W. by N.	6	N.W. by N.	7
	24	—	—	—	—	—	—	—	—	—	—	—	—
	25	Calm.	—	Calm.	—	N.N.W.	1	N.N.W.	2	N.W. by W.	1	N.N.W.	2
	26	N.W.	3	N. by W.	2	N.W.	1	W.N.W.	1	W.N.W.	2	N.W. by N.	3
	27	N.W. by N.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.W. by N.	1
	28	S.E.	2	S.E.	2	S.E.	3	S.S.E.	3	S.E. by S.	3	S.E.	4
	29	W. by N.	3	N.W. by N.	2	W.N.W.	3	N.W.	3	N.W.	3	N.W. by W.	3
	30	S.E. by S.	6	S.E.	6	S.E. by S.	6	S.E. by S.	6	S.E. by S.	6	S. by E.	2
	31	—	—	—	—	—	—	—	—	—	—	—	—

^a Pencil thrown out of gear.

^b Clock stopped.

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3.		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
JUNE.	1	—	—	—	—	—	—	—	—	—	—	—	
	2	N. by W.	4	N. by W.	4	N.N.W.	3	N.N.W.	4	N.W.	3	N. by W.	1
	3	N. by N.	2	N.W. by N.	2	N.W. by N.	2	N.W. by N.	3	N.W. by N.	3	N.W. by N.	5
	4	N.W.	8	N.W.	7	N.W. by N.	8	N.W.	9	N.W. by W.	8	N.W.	7
	5	N. by W.	9	N.	9	N. by W.	9	N.	9	N.	9	N.	9
	6	N.N.W.	8	N.N.W.	8	N.N.W.	8	N.N.W.	6	N.W. by N.	7	N.W.	7
	7	N.W.	3	N.N.W.	4	N.N.W.	2	N.W.	3	N.W.	2	N.W.	6
	8	—	—	—	—	—	—	—	—	—	—	—	—
	9	N.W.	6	N.W.	7	N.W.	7	N.W.	7	N.W.	6	N.W. by W.	6
	10	N.W. by N.	8	N.N.W.	7	N.W.	6	N.W.	7	N.W.	6	N.W.	8
	11	S. by E.	5	S. by E.	1	S.S.W.	6	S.S.E.	3	S.S.E.	3	S. by W.	2
	12	N.W.	1	E.S.E.	2	E.S.E.	1	E.S.E.	1	E.S.E.	1	E.S.E.	1
	13	N.W. by W.	1	N.N.W.	1	N.N.W.	1	N.W.	1	N.W.	1	N.W.	1
	14	N.W. by W.	5	N.N.W.	6	N.N.W.	4	N.N.W.	2	N.N.W.	1	N.W. by N.	1
	15	—	—	—	—	—	—	—	—	—	—	—	—
	16	N.W. by W.	1	N.W.	3	N.W.	3	N. by W.	2	N.W.	3	N.W. by W.	1
	17	N.N.W.	6	N.W.	6	W.	7	N.W. by N.	8	N.W.	6	S. by W.	8
	18	E. by N.	5	E.	4	E.S.E.	6	E.S.E.	4	S.E. by E.	3	S.E. by E.	3
	19	N. by E.	2	N. by E.	2	E. by S.	2	E. by S.	1	E. by S.	2	E.S.E.	1
	20	N.W. by W.	2	Calm.	—	N.	1	Calm.	—	Calm.	—	Calm.	—
	21	N.W.	4	N.W.	3	N.W. by N.	2	N.W.	2	N.W.	2	N.W.	3
	22	—	—	—	—	—	—	—	—	—	—	—	—
	23	N.W. by W.	3	N.W. by N.	2	N.W. by N.	1	Calm.	—	Calm.	—	Calm.	—
	24	N.N.W.	2	N.W.	4	N.W.	3	N. by W.	4	N. by W.	4	N. by W.	3
	25	N.W.	2	N.W. by W.	4	N.W.	2	N.W.	1	N.W.	1	Calm.	—
	26	N.W. by N.	2	N.W. by W.	1	Calm.	—	Calm.	—	N.N.W.	1	N.W.	1
	27	S.S.W.	9	S.S.W.	9	S.S.W.	8	S.W. by S.	8	S.W. by S.	7	S.W. by S.	7
	28	N.E. by N.	3	N. by W.	5	N.E.	5	N.N.E.	5	N.N.E.	6	N.N.E.	7
	29	—	—	—	—	—	—	—	—	—	—	—	—
	30	N.N.E.	9	N.N.E.	8	N. by E.	8	N.	8	N.	6	N. by E.	6

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
JUNE.	1	—	4	b—	4	b—	5	b—	5	b—	5	a—	5
	2	N.N.W.	5	N.W.	4	N.W.	2	N.W.	1	N.W.	1	Calm.	—
	3	N.W.	5	N.W.	3	N.N.W.	3	N.W.	2	W.N.W.	1	Calm.	—
	4	N.W.	7	N.W.	8	N. by W.	8	N. by W.	7	N.	6	N. by W.	5
	5	N.N.W.	7	N.N.W.	7	N.W. by N.	9	N.N.W.	9	N.N.W.	8	N.N.W.	8
	6	N.N.W.	7	N.N.W.	7	N. by W.	7	N. by W.	7	N. by W.	4	N. by W.	5
	7	—	—	—	—	—	—	—	—	—	—	—	—
	8	W. by N.	7	N.W. by W.	7	N.W.	7	N.W. by N.	9	N.W. by N.	8	N.W. by W.	5
	9	N.W.	9	N.W.	8	N.W.	9	N.W.	9	N.W.	9	N.W.	9
	10	W.N.W.	3	W.N.W.	6	N.W.	7	N.W.	7	N.W.	8	N.W. by W.	8
	11	a—	1	a—	—	a—	—	a—	—	a—	—	a—	—
	12	Calm.	—	N. by E.	1	N.	2	N.	2	N.	1	N.W.	2
	13	W.N.W.	3	W.N.W.	2	N.W. by W.	1	N.W. by W.	2	W.N.W.	3	W. by N.	3
	14	—	—	—	—	—	—	—	—	—	—	—	—
	15	N.W. by N.	3	N.W. by N.	2	N.W. by N.	2	Calm.	—	N.W. by W.	1	N.W. by W.	1
	16	N.W. by W.	7	N.W. by W.	7	N.W. by W.	7	W.N.W.	6	W.N.W.	6	W.N.W.	6
	17	b—	8	E.	8	E.	9	E.	9	E.	8	E.	4
	18	W. by S.	1	W. by S.	1	W. by S.	1	W. by S.	1	W. by S.	3	W. by S.	3
	19	W.S.W.	1	W. by S.	1	W. by S.	1	W. by S.	2	W.	1	Calm.	—
	20	W. by S.	2	N. by W.	2	N. by W.	2	N.	3	N. by W.	3	Calm.	—
	21	—	—	—	—	—	—	—	—	—	—	—	—
	22	N.N.W.	4	N.W. by N.	4	N.N.W.	4	N.W. by N.	4	N.N.W.	3	N.N.W.	3
	23	N. by W.	2	N. by W.	2	N.W. by N.	1	N.W. by N.	1	N.N.W.	2	N.N.W.	1
	24	N.W. by W.	2	W.N.W.	2	N.W.	2	N.W.	1	Calm.	—	N.W.	1
	25	Calm.	—	N. by W.	1	N. by W.	1	N. by W.	1	N. by W.	1	N. by W.	2
	26	S.S.E.	9	S.S.E.	9	S.S.W.	9	S.S.W.	9	S.S.W.	9	S.S.W.	7
	27	S.W.	3	S.W.	3	S.W.	3	S.W.	4	S.W. by W.	4	S. by W.	3
	28	—	—	—	—	—	—	—	—	—	—	—	—
	29	N.E. by N.	9	N.E. by N.	4	N.N.E.	6	N.N.E.	9	N.N.E.	9	N.	9
	30	N.	7	N.	4	N.	4	N.	4	N.	4	N.	3

^a Clock stopped.

^b Pencil thrown out of gear.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
—	—	—	—	—	—	—	—	—	—	—	—	1
N.N.W.	3	Calm.	—	Calm.	—	N.N.W.	3	N.W.	2	N.W.	4	2
N.W. by N.	3	N.N.W.	2	N.N.W.	1	N.N.W.	2	N.W.	2	N.W.	3	3
N.W.	6	N.W.	7	N.N.W.	6	N. by W.	6	N.W.	7	N.W.	7	4
N.N.W.	8	N.W. by N.	10	N.W. by N.	9	N.N.W.	6	N. by W.	4	N.W. by N.	6	5
N.W.	9	N.W.	9	N.W.	7	N.W.	7	N.W.	7	N.W. by N.	8	6
N.N.W.	7	N.N.W.	8	N.W. by W.	7	N.W.	7	N.W. by N.	7	N.W.	6	7
—	—	—	—	—	—	—	—	—	—	—	—	8
N.W.	7	N.W.	7	N.W.	8	N.W.	10	N.W.	9	N.W.	8	9
N.W.	4	N.W.	5	N.W. by W.	5	W.N.W.	4	N.W.	6	N.W. by W.	7	10
S.	3	a—	3	a—	2	a—	1	a—	1	a—	1	11
E.S.E.	1	E.S.E.	1	E.S.E.	1	E.S.E.	1	E.S.E.	1	N.N.E.	1	12
N.W.	1	N.W. by N.	2	N. by W.	2	W.N.W.	2	N.W.	3	N.N.W.	3	13
W.N.W.	4	Calm.	—	N.W.	5	Calm.	—	N. by W.	1	N.N.W.	1	14
—	—	—	—	—	—	—	—	—	—	—	—	15
W.N.W.	3	N.W.	4	N.W.	5	N.W. by N.	6	N.W. by N.	7	N.W.	7	16
W.	6	b—	6	b—	6	b—	5	b—	7	b—	7	17
S.E. by E.	4	E. by S.	3	E. by S.	5	S.E. by E.	4	S.E.	3	S.E.	1	18
E.S.E.	1	E.S.E.	2	Calm.	—	E.S.E.	1	S. by W.	1	S. by W.	1	19
Calm.	—	E.S.E.	1	E.S.E.	1	E.S.E.	1	S.E.	1	W. by S.	1	20
N.N.W.	3	N.N.W.	2	N.N.W.	3	W.N.W.	3	N.W.	3	N.W.	3	21
—	—	—	—	—	—	—	—	—	—	—	—	22
Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.N.W.	1	N. by W.	1	23
N.N.W.	3	N.W.	2	N.W.	1	N.W.	1	N.W.	1	N.W. by W.	2	24
Calm.	—	Calm.	—	Calm.	—	N.W.	1	N. by W.	1	Calm.	—	25
N.W.	1	Calm.	—	N. by E.	2	S.S.E.	6	S.S.E.	8	S.S.E.	9	26
S.W. by S.	6	S.W. by S.	6	S.W.	7	S.W.	7	S.S.W.	6	W.S.W.	4	27
N.N.E.	5	N.N.E.	5	N.N.E.	6	N.N.E.	5	N.N.E.	6	N.N.E.	6	28
—	—	—	—	—	—	—	—	—	—	—	—	29
N. by E.	7	N. by E.	8	N.	8	N.	7	N.	7	N. by E.	7	30

JUNE.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
b—	5	b—	6	b—	6	N.W.	6	W.N.W.	7	N.W.	7	1
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N. by W.	1	2
Calm.	—	Calm.	—	Calm.	—	N.W. by W.	5	N.W. by W.	8	N.W.	8	3
N.N.W.	6	N.W.	6	N.N.W.	7	N.W.	6	N.W.	7	N. by W.	8	4
N.N.W.	9	N.	8	N.	5	N.W.	6	N.N.W.	3	N.N.W.	6	5
N.W. by W.	6	W.N.W.	2	W.N.W.	2	N.N.W.	2	N.W. by W.	3	N.W.	3	6
—	—	—	—	—	—	—	—	—	—	—	—	7
W.N.W.	2	N.N.W.	3	N.W. by N.	5	N.W.	5	N.W.	5	N.W.	5	8
N.W. by N.	9	N.N.W.	9	N.N.W.	9	N.N.W.	8	N.W. by N.	8	N.W. by N.	8	9
E.N.E.	3	S. by E.	2	W.S.W.	2	N.E. by E.	2	S.E.	1	S. by E.	3	10
a—	1	a—	1	Calm.	—	N.W. by N.	1	N.N.W.	2	W.N.W.	2	11
N.W. by N.	2	N. by W.	3	N. by W.	3	N.W. by N.	2	N.W.	2	N.W.	1	12
W. by N.	3	N.N.W.	3	N.W. by N.	3	N.N.W.	3	N.W.	4	N.W. by W.	5	13
—	—	—	—	—	—	—	—	—	—	—	—	14
N.W. by W.	1	N.W.	2	N.W. by W.	2	N.W. by N.	1	N.W. by W.	2	N.W. by W.	2	15
W.N.W.	5	W.N.W.	5	N.W. by W.	4	Calm.	—	N.W. by N.	6	N.W. by N.	4	16
E.	7	E.	7	E.	6	E.	7	E. by N.	3	E.	3	17
W. by S.	4	W. by S.	4	W. by S.	3	W.S.W.	2	S.S.W.	2	S.W. by W.	2	18
W.	1	W.N.W.	1	W.N.W.	1	Calm.	—	Calm.	—	N.W. by W.	2	19
Calm.	—	N. by W.	3	N.N.W.	3	W.N.W.	4	N.W.	3	N.W.	4	20
—	—	—	—	—	—	—	—	—	—	—	—	21
N.N.W.	3	N.N.W.	2	N. by W.	2	W.N.W.	4	W.N.W.	3	N.W.	4	22
N.N.W.	3	N.W. by W.	3	N.W. by W.	1	N.	1	N.	2	N. by W.	2	23
N.N.W.	2	N.N.W.	1	N.N.W.	3	W.N.W.	3	N.N.W.	2	N.W. by N.	2	24
N. by W.	2	N. by W.	2	N. by W.	3	N.N.W.	2	W. by N.	2	W.N.W.	2	25
S.S.W.	8	S.S.W.	9	S.S.W.	9	S.W.	9	S.W. by S.	8	S.W.	7	26
S. by W.	2	W. by S.	1	W. by S.	1	N. by E.	1	N.N.E.	4	N.N.E.	3	27
—	—	—	—	—	—	—	—	—	—	—	—	28
N. by E.	8	N. by E.	8	N. by E.	9	N. by E.	9	N. by E.	8	N. by E.	9	29
N.	2	N. by W.	4	N. by E.	4	N. by E.	5	N.N.E.	6	N.N.E.	6	30

JUNE.

DIRECTION AND FORCE OF THE WIND.														
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .			
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		
JULY.	1	N.N.E.	6	N.N.W.	7	N.W. by N.	7	N. by W.	6	N.W. by N.	6	N. by W.	8	
	2	N.W. by N.	6	N.N.W.	6	N.W. by N.	6	N.W. by N.	4	N.N.W.	4	N. by W.	4	
	3	N. by W.	2	N. by W.	2	N. by W.	2	N.N.W.	2	N.N.W.	1	N.N.W.	1	
	4	N.	4	N.N.W.	3	N.	4	N.W. by N.	4	N.	3	N.	3	
	5	N.	4	S.S.W.	3	E.N.E.	2	N.N.E.	1	N.N.E.	2	N.N.E.	1	
	6	—	—	—	—	—	—	—	—	—	—	—	—	—
	7	N.	6	N. by W.	6	N.	7	N.	4	N. by W.	5	N. by W.	3	
	8	N. by W.	3	N. by W.	4	N. by W.	3	N.N.W.	4	N. by W.	5	N. by W.	3	
	9	N. by E.	4	N. by E.	5	N.N.W.	4	N.	3	N.	3	N. by W.	3	
	10	N. by W.	3	N. by W.	2	N. by W.	1	N. by W.	1	Calm.	—	Calm.	—	
	11	N. by W.	2	N. by E.	1	N. by E.	1	N. by E.	1	Calm.	—	Calm.	—	
	12	N. by W.	5	N.	3	N.	3	N.	3	N.	3	N.	2	
	13	—	—	—	—	—	—	—	—	—	—	—	—	—
	14	N. by W.	8	N.N.W.	4	N.N.W.	1	Calm.	—	Calm.	—	Calm.	—	
	15	N. by W.	2	N. by W.	1	N. by W.	1	N. by W.	1	Calm.	—	Calm.	—	
	16	N.	6	N. by W.	5	N. by W.	5	N.N.W.	4	N.N.W.	5	N. by W.	4	
	17	N.	3	N.	1	N.	1	Calm.	—	Calm.	—	Calm.	—	
	18	N. by W.	5	N. by W.	4	N. by W.	4	N. by W.	4	N. by W.	2	N. by W.	1	
	19	N. by W.	4	N. by W.	4	N.	3	N.W.	3	N. by W.	2	Calm.	—	
	20	—	—	—	—	—	—	—	—	—	—	—	—	—
	21	S.	4	S.	5	S. by W.	6	S.	6	S.	5	S. by W.	5	
	22	N.N.W.	2	N. by W.	1	N. by W.	1	N. by W.	1	Calm.	—	Calm.	—	
	23	N. by W.	4	N. by W.	3	N. by W.	4	N.	3	N. by W.	2	Calm.	—	
	24	N. by W.	2	N. by W.	3	N. by W.	2	N. by W.	1	N. by W.	2	Calm.	—	
	25	N.	4	N. by W.	2	S. by E.	2	S.S.E.	1	W.S.W.	1	W.S.W.	1	
	26	N.N.W.	1	N.N.W.	2	N. by W.	2	Calm.	—	Calm.	—	Calm.	—	
	27	—	—	—	—	—	—	—	—	—	—	—	—	—
	28	N. by W.	5	N.N.W.	6	N.W. by N.	7	N.N.W.	5	N. by W.	5	N.N.W.	4	
	29	N.N.W.	3	N.N.W.	1	N.N.W.	1	Calm.	—	N.N.W.	2	N.N.W.	2	
	30	N. by W.	5	N. by W.	5	N. by W.	4	N. by W.	4	N.W. by W.	3	N.N.W.	3	
	31	N. by W.	4	N. by W.	2	N. by W.	3	N. by E.	7	N.	7	N. by E.	8	

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .			
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		
JULY.	1	N.W. by N.	7	N.N.W.	8	N.W. by N.	8	N.W. by N.	8	N.W.	8	N. by E.	7	
	2	N. by W.	1	N. by W.	1	N. by W.	1	N. by W.	1	N. by W.	3	N. by W.	2	
	3	Calm.	—	Calm.	—	N.N.W.	1	N.N.W.	3	N.N.W.	2	Calm.	—	
	4	N.	2	N.	1	N.	1	N.	4	N. by E.	4	N. by E.	5	
	5	—	—	—	—	—	—	—	—	—	—	—	—	—
	6	N.N.W.	2	N. by W.	3	N. by W.	3	N. by W.	4	N.N.W.	4	N.N.W.	4	
	7	N. by E.	1	N. by E.	2	N. by E.	2	N. by E.	2	N. by E.	2	N. by E.	3	
	8	N. by W.	7	N.W. by N.	8	N.W. by N.	8	N.N.W.	8	N.N.W.	8	N.W. by N.	7	
	9	N. by W.	2	N. by W.	2	N. by W.	1	Calm.	—	N. by W.	2	N. by W.	1	
	10	N. by W.	1	N. by W.	2	N. by W.	2	N. by W.	3	N. by W.	4	N. by W.	4	
	11	N.N.W.	5	N. by W.	5	N. by W.	5	N. by W.	3	N. by W.	4	N. by E.	4	
	12	—	—	—	—	—	—	—	—	—	—	—	—	—
	13	N.N.E.	1	N.N.E.	1	N.N.E.	2	N.N.E.	3	N.N.E.	3	N.N.E.	2	
	14	W.S.W.	2	W.S.W.	1	W.S.W.	1	W.S.W.	2	W.S.W.	1	Calm.	—	
	15	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	
	16	N. by E.	1	N.	2	N.	2	N.	2	N. by E.	3	N.	4	
	17	N.	4	N.	4	N. by W.	4	N. by W.	5	N.N.W.	6	N.W. by N.	4	
	18	N. by W.	4	N.N.W.	2	N.W.	2	Calm.	—	Calm.	—	N.N.W.	2	
	19	—	—	—	—	—	—	—	—	—	—	—	—	—
	20	S.S.E.	1	S. by E.	1	S. by E.	1	S.S.E.	2	S.S.E.	2	S.S.E.	1	
	21	S.S.W.	3	S.S.W.	1	S.S.W.	2	S.W.	3	S.W. by S.	1	S.W. by S.	3	
	22	Calm.	—	Calm.	—	Calm.	—	N. by W.	2	N.W.	2	N.W.	2	
	23	W. by N.	3	N.W. by N.	4	W. by N.	5	W. by N.	5	N.W. by W.	5	N.W. by N.	3	
	24	N.N.W.	5	N.N.W.	3	N. by W.	3	N. by W.	3	N. by W.	3	Calm.	—	
	25	Calm.	—	Calm.	—	Calm.	—	N.W.	1	N.W.	1	N.W.	1	
	26	—	—	—	—	—	—	—	—	—	—	—	—	—
	27	N.	2	N.	2	N.	3	N.	4	N.	6	N. by W.	4	
	28	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	N.W. by N.	2	N.W. by N.	2	
	29	N. by W.	2	N. by W.	3	N. by W.	3	N.N.W.	3	N.N.W.	4	N. by W.	2	
	30	N.W. by N.	3	N.W. by N.	1	N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	1	
	31	N.W. by N.	1	N.W.	1	N.W. by N.	2	N.W. by N.	4	N.N.W.	2	N.N.W.	2	

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.N.W.	4	N. by W.	5	N.N.W.	5	N.N.W.	5	N.N.W.	6	N.N.W.	7	1
N. by W.	4	N. by W.	4	N. by W.	3	N. by W.	3	N. by W.	3	N. by W.	2	2
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	3
N.	3	N.	4	N.	2	N.	1	N.	3	N.	2	4
N.N.E.	1	N.N.E.	3	N.	3	N.	4	N.	5	N.	5	5
—	—	—	—	—	—	—	—	—	—	—	—	6
N. by W.	1	S.W.	4	S.W.	3	S.W.	6	W.	1	N. by E.	1	7
N. by W.	4	N.	4	N. by W.	5	N.N.W.	6	N.N.W.	7	N. by W.	6	8
N. by W.	3	N. by W.	3	N. by W.	3	N. by W.	2	N. by W.	1	N. by W.	1	9
N. by W.	1	Calm.	—	Calm.	—	N. by W.	1	Calm.	—	N. by W.	1	10
Calm.	—	Calm.	—	N. by E.	2	N. by W.	3	N.W.	4	N.N.W.	5	11
N.	2	N.	2	N.N.E.	1	N.N.E.	4	N.N.E.	4	N. by E.	4	12
—	—	—	—	—	—	—	—	—	—	—	—	13
Calm.	—	Calm.	—	Calm.	—	Calm.	—	W.S.W.	1	W.S.W.	1	14
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	15
Calm.	—	N. by W.	1	N. by W.	2	Calm.	—	N. by E.	3	N. by E.	3	16
N.	1	N.	1	N.	1	N.	2	N.	1	N.	3	17
N. by W.	1	N. by W.	1	Calm.	—	N. by W.	1	N. by W.	1	N. by W.	3	18
Calm.	—	Calm.	—	Calm.	—	N. by W.	2	N.N.W.	2	N.N.W.	3	19
—	—	—	—	—	—	—	—	—	—	—	—	20
S.S.W.	5	S. by W.	4	S. by W.	3	S.W. by S.	3	S.W. by S.	3	S.S.W.	3	21
Calm.	—	Calm.	—	Calm.	—	N. by W.	1	N. by W.	1	N. by W.	1	22
Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.N.E.	2	N. by W.	2	23
N. by W.	3	N. by W.	4	N. by W.	6	N. by W.	6	N. by W.	5	N.N.W.	6	24
W.	2	W. by N.	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—	25
Calm.	—	N. by W.	2	Calm.	—	N. by W.	1	N. by W.	1	Calm.	—	26
—	—	—	—	—	—	—	—	—	—	—	—	27
N.N.W.	4	N. by W.	4	N.W. by N.	4	N.W. by N.	3	Calm.	—	Calm.	—	28
N.N.W.	1	N.N.W.	1	N.W.	2	N.W.	3	N. by W.	2	N. by W.	2	29
N.W. by N.	3	N.W.	3	N.W. by N.	3	N. by W.	3	N.W.	3	N.W.	3	30
N. by E.	7	N.	7	N.	8	N.	6	N.	2	N. by W.	4	31

JULY.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N. by W.	7	W. by N.	7	N. by W.	6	N. by W.	6	N.N.W.	6	N.N.W.	6	1
N. by W.	1	N. by W.	3	N. by W.	3	N. by W.	3	N. by W.	3	N. by W.	3	2
Calm.	—	N.N.W.	3	N.N.W.	3	N.N.W.	3	N.	4	N.	4	3
N.	4	N.	3	N.	3	N. by E.	3	N.	3	N. by E.	3	4
—	—	—	—	—	—	—	—	—	—	—	—	5
N.N.W.	4	N.N.W.	4	N. by W.	4	N.	5	N. by W.	5	N.	4	6
N. by E.	3	N. by W.	3	N. by W.	3	N. by W.	3	N. by W.	3	N. by W.	4	7
N.W.	6	E.	1	S.E.	1	E.	2	N.	2	N. by E.	3	8
N. by W.	1	N. by W.	1	N. by W.	1	N.N.W.	2	N.N.W.	2	N.N.W.	2	9
N. by W.	4	N.N.W.	4	N.N.W.	5	N. by W.	5	N.N.W.	4	N. by W.	4	10
N. by E.	5	N. by E.	3	N.N.W.	5	N.W. by N.	6	N.N.W.	5	N. by W.	4	11
—	—	—	—	—	—	—	—	—	—	—	—	12
N.N.E.	2	E.N.E.	4	N.	6	N. by W.	6	N. by W.	7	N. by W.	7	13
Calm.	—	Calm.	—	Calm.	—	N.W.	2	N. by W.	2	N. by W.	2	14
N. by W.	1	N. by W.	1	Calm.	—	N. by E.	2	N.	3	N.	5	15
N. by E.	5	N. by E.	3	N. by W.	4	N. by W.	4	N.	4	N.	4	16
N. by W.	4	N. by W.	5	N.N.W.	6	N.	6	N.	6	N. by W.	5	17
N.N.W.	4	N. by W.	1	N. by W.	1	N. by W.	2	N. by W.	3	N. by W.	3	18
—	—	—	—	—	—	—	—	—	—	—	—	19
S.S.E.	2	S.S.E.	2	S. by E.	4	S.E. by S.	5	S.E. by S.	5	S.S.E.	4	20
S.W.	3	S.W.	2	S.W.	2	N.N.W.	3	N.N.W.	3	N.N.W.	3	21
N.W.	2	N.W.	2	N.W.	3	N. by W.	4	N. by W.	3	N. by W.	4	22
N.W.	3	N.W.	4	W.N.W.	6	N.W. by N.	4	N.N.W.	4	N.N.W.	3	23
N.N.W.	3	N.N.W.	4	N.N.W.	4	N.N.W.	3	N.N.W.	2	N.N.W.	2	24
N.W.	1	N. by W.	2	N. by W.	3	N. by W.	2	N. by W.	2	N.N.W.	1	25
—	—	—	—	—	—	—	—	—	—	—	—	26
N. by W.	3	N. by W.	2	N. by W.	2	N. by W.	2	N. by W.	3	N. by W.	4	27
N.W. by N.	2	N.W. by N.	2	N.W. by N.	3	N.N.W.	2	N.N.W.	2	N.N.W.	3	28
N.N.W.	3	N.W.	4	N.W. by N.	5	N.W. by N.	5	N.W. by N.	5	N.W. by N.	6	29
N.N.W.	2	N.N.W.	4	N.N.W.	3	N.W. by N.	4	N.W. by N.	3	N.N.W.	3	30
N. by W.	2	N.	2	N. by W.	2	N.N.W.	2	N.N.W.	2	S.W. by W.	3	31

JULY.

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
AUGUST.	1	N. by W.	4	N. by W.	2	E.	3	N.N.W.	4	N.	3	N.	2
	2	E.	2	E.S.E.	2	E.S.E.	1	E. by S.	1	N.	1	N. by W.	2
	3	—	—	—	—	—	—	—	—	—	—	—	—
	4	b—	5	b—	4	b—	1	b—	2	b—	1	b—	1
	5	N.	2	N.	2	N.	2	N.	1	N.	1	N.	1
	6	N. by W.	3	N. by W.	4	N. by W.	6	N.	7	N.	7	N. by E.	5
	7	N. by W.	2	N.	4	N.N.W.	4	N.	5	N.	6	N. by E.	8
	8	N. by W.	3	N. by W.	2	N.	7	N. by E.	7	N.	2	N.	2
	9	N.W.	4	N.W.	4	N.W. by N.	3	N.N.W.	4	N.	6	N.W.	6
	10	—	—	—	—	—	—	—	—	—	—	—	—
	11	N. by W.	3	N. by W.	3	N. by W.	3	N. by W.	4	N. by W.	3	N.N.W.	3
	12	N. by W.	8	N. by W.	8	N. by W.	7	N. by W.	6	N. by W.	4	N.W. by N.	4
	13	N. by W.	6	N. by W.	5	N. by W.	6	N. by W.	5	W. by N.	3	N. by W.	5
	14	N.	3	N.	6	N.	8	N.	8	N.	8	N.	8
	15	N.N.W.	4	N. by W.	4	Calm.	—	W.S.W.	1	W. by S.	2	N.W. by W.	2
	16	S.S.W.	1	N.	3	N.	3	W.	3	W. by S.	5	N. by W.	5
	17	—	—	—	—	—	—	—	—	—	—	—	—
	18	N. by W.	3	N.	4	N.	3	N.	3	N. by W.	2	N. by W.	2
	19	N.W. by W.	3	N. by W.	2	Calm.	—	Calm.	—	N. by W.	1	N. by W.	1
	20	N.	5	N.	2	N.	1	N.	1	N.	1	S.S.W.	1
	21	N.W. by N.	2	N.N.W.	5	N. by W.	6	N.W. by N.	8	N.N.W.	3	N.W. by N.	8
	22	b—	4	b—	1	b—	2	b—	1	b—	1	b—	1
	23	N.	3	N. by W.	3	N. by W.	3	N.	4	N. by W.	3	N. by W.	5
	24	—	—	—	—	—	—	—	—	—	—	—	—
	25	N.	3	N.	3	N.	3	N.	2	N.	1	Calm.	—
	26	N.	7	N.	8	N. by E.	8	N. by E.	7	N. by E.	7	N.E. by N.	7
	27	N. by W.	2	N.	3	N.	4	W. by N.	2	N.N.W.	2	N. by W.	4
	28	N.	4	N.W. by W.	3	N.	6	N.N.W.	5	N.	4	N. by W.	4
	29	N. by W.	5	N.	4	N. by W.	2	N.N.W.	4	N. by W.	4	N.	2
	30	N.N.W.	4	W.N.W.	4	N. by W.	4	N. by W.	3	N.W.	4	N.W. by W.	3
	31	—	—	—	—	—	—	—	—	—	—	—	—

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
AUGUST.	1	W.	4	W.	4	W.	3	W.	3	W.	5	Calm.	—
	2	—	—	—	—	—	—	—	—	—	—	—	—
	3	N.N.W.	4	N.N.W.	2	N.N.W.	2	N.N.W.	1	N. by W.	1	N. by W.	2
	4	N.N.W.	3	N.N.W.	6	N.N.W.	6	N.N.W.	6	N.N.W.	6	N. by W.	1
	5	Calm.	—	N.	1	N.	3	N.	4	N.	5	N.	6
	6	N. by W.	2	N. by W.	2	N. by W.	3	N. by W.	2	N. by W.	2	N. by W.	1
	7	N.N.W.	3	N. by W.	5	N.N.W.	6	N. by W.	8	N. by W.	5	N. by W.	5
	8	N.N.E.	6	N.W.	5	N.N.W.	1	N.N.W.	4	N.N.W.	5	N.N.W.	4
	9	—	—	—	—	—	—	—	—	—	—	—	—
	10	N.W.	4	N.W.	3	N.W.	2	N.W.	1	N.W.	1	N.W.	1
	11	N. by W.	8	N. by W.	6	N. by W.	4	N. by W.	3	N. by W.	2	N. by W.	3
	12	N. by W.	7	N.	7	N. by W.	7	N.	8	N. by W.	7	N. by W.	6
	13	N. by W.	4	N. by W.	2	N. by W.	2	N. by W.	1	N. by W.	1	Calm.	—
	14	N.	5	N.	5	N.	3	N.	4	N.	4	N.	2
	15	N.	1	N.	1	N.	1	N.	1	N.	1	N.	2
	16	—	—	—	—	—	—	—	—	—	—	—	—
	17	N.W. by N.	1	N.W. by N.	2	N.W. by N.	2	N.W. by N.	3	N.W. by N.	3	N.N.W.	2
	18	N. by W.	5	N.W.	5	N.W.	3	N.W.	2	N.W.	2	N.W. by N.	3
	19	N. by W.	1	N. by W.	2	N. by W.	3	N. by W.	3	N. by W.	3	N.N.W.	3
	20	N.N.W.	3	N.N.W.	2	N. by W.	1	N.N.W.	3	N.N.W.	3	N.N.W.	2
	21	N.W.	8	W.N.W.	8	W. by N.	7	N.W. by N.	6	W.	7	W. by N.	8
	22	b—	4	b—	4	b—	2	b—	4	b—	4	N.N.W.	5
	23	—	—	—	—	—	—	—	—	—	—	—	—
	24	N.W. by N.	4	N.N.W.	3	N.N.W.	2	N.N.W.	2	N.N.W.	3	N.N.W.	3
	25	N.	4	N.	2	N.	3	N.	3	N.	4	N.	2
	26	N.	6	N. by W.	3	N. by W.	3	Calm.	—	Calm.	—	Calm.	—
	27	N. by W.	5	N. by W.	3	N. by W.	2	N.	3	N.	5	N.	5
	28	N. by W.	4	N. by W.	6	N.	6	N.	6	N.	6	N.	4
	29	N.	2	N.	3	N. by W.	4	N. by W.	4	N.	3	N.	3
	30	—	—	—	—	—	—	—	—	—	—	—	—
	31	N.N.W.	5	N.	3	N.	3	N. by W.	8	N.W. by N.	7	N. by W.	7

* Clock stopped, 1^d 7^h.

* Pencil thrown out of gear.

DIRECTION AND FORCE OF THE WIND.

6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
—	2	^a —	3	—	3	W.	3	W.	3	W.	2	1
N. by W.	3	N. by W.	2	N. by W.	3	N.N.W.	2	N.N.W.	3	N.N.W.	4	2
—	—	—	—	—	—	—	—	—	—	—	—	3
^b —	2	W. by N.	2	N.W.	2	N.W.	2	N.W. by N.	4	N.N.W.	3	4
N.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	5
N.	2	N.	1	N.	3	N. by W.	5	N. by W.	6	N. by W.	5	6
N. by E.	5	N.N.W.	2	N.N.W.	1	N.N.W.	2	N.N.W.	3	N.N.W.	3	7
N.	4	N.N.E.	1	N.N.E.	1	W. by S.	1	S.W.	2	N.W. by W.	6	8
N.W.	2	N.N.W.	2	N.	1	N. by W.	4	N. by W.	5	N.W. by N.	2	9
—	—	—	—	—	—	—	—	—	—	—	—	10
N.N.W.	3	N. by W.	5	N. by W.	6	N. by W.	7	N. by W.	7	N. by W.	7	11
N.W. by N.	5	N.W. by N.	4	N.W. by N.	4	N.N.W.	5	N.N.W.	7	N. by W.	7	12
N. by W.	5	N. by W.	5	N. by W.	3	N. by W.	3	N.	4	N.	3	13
N.	8	N.	7	N.	7	N.	7	N.	5	N.	4	14
Calm.	—	Calm.	—	N. by W.	3	N.W. by N.	4	N.N.W.	5	N. by W.	6	15
N. by W.	4	N. by W.	3	N. by W.	4	N. by E.	3	N.N.W.	4	N. by W.	5	16
—	—	—	—	—	—	—	—	—	—	—	—	17
N. by W.	2	N. by W.	2	N. by W.	2	N. by W.	3	N. by W.	3	N. by W.	4	18
N. by W.	1	N. by W.	1	N. by W.	1	N. by W.	1	N. by W.	1	N. by W.	2	19
S.S.W.	1	Calm.	—	Calm.	—	S.S.W.	3	N.N.W.	3	N.N.W.	3	20
N. by W.	9	N. by W.	8	W.N.W.	9	N.W.	8	N.W. by W.	9	W.	7	21
^b —	1	Calm.	—	Calm.	—	^b —	3	^b —	3	^b —	3	22
N.W. by N.	6	N. by W.	6	N. by W.	6	N. by W.	6	N. by W.	6	N. by W.	6	23
—	—	—	—	—	—	—	—	—	—	—	—	24
Calm.	—	Calm.	—	N.	2	N.	4	N.	3	N.	1	25
N. by E.	7	N. by E.	7	N. by E.	7	N. by E.	6	N. by E.	6	N.E. by N.	6	26
N. by W.	1	N. by W.	4	N. by W.	3	N. by W.	3	N. by E.	2	N.	5	27
N.N.W.	2	N. by W.	3	N. by W.	3	N.	5	N.	6	N.	5	28
Calm.	—	Calm.	—	Calm.	—	N. by W.	2	N.	2	N.	3	29
N.N.W.	3	N.N.W.	4	N. by W.	4	N. by W.	6	N. by W.	4	N.	3	30
—	—	—	—	—	—	—	—	—	—	—	—	31

AUGUST.

18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.W.	1	N.W.	2	S.W.	2	W.S.W.	3	S.S.W.	3	W. by S.	2	1
—	—	—	—	—	—	—	—	—	—	—	—	2
N. by W.	3	N. by W.	4	N. by W.	5	N.	6	^a —	5	N.	5	3
N. by W.	3	N. by W.	3	N. by W.	4	N.	4	N.	3	N.	2	4
N.W. by N.	6	N.W. by N.	6	N.W. by N.	5	N.W.	4	N.W.	3	N.W. by N.	3	5
N. by W.	1	N.	1	N.	1	N. by W.	2	N. by W.	2	N. by W.	3	6
N.	6	N. by W.	6	N. by W.	7	N. by W.	7	N. by W.	7	N. by W.	5	7
N. by W.	3	N. by W.	3	N. by W.	3	N.N.W.	5	N.W. by N.	7	N.W. by N.	5	8
—	—	—	—	—	—	—	—	—	—	—	—	9
N.W.	1	N.W.	1	N.W.	1	N.W.	2	N.W.	2	N.W.	2	10
N. by W.	3	N. by W.	4	N. by W.	6	N. by W.	6	N. by W.	6	N. by W.	7	11
N. by W.	6	N. by W.	6	N. by W.	7	N. by W.	6	N. by W.	5	N. by W.	6	12
Calm.	—	Calm.	—	N. by W.	1	N.	3	N.	3	N.	1	13
N.	2	N.	3	N.	2	N.N.W.	3	N.N.W.	3	N. by W.	3	14
N.	3	N.	2	N.	1	N.	1	N. by W.	1	N. by W.	1	15
—	—	—	—	—	—	—	—	—	—	—	—	16
N.N.W.	1	N.N.W.	1	N.N.W.	2	N.N.W.	3	N. by W.	3	N. by W.	3	17
N.W. by N.	3	N.W. by N.	3	N.W.	3	N.W.	6	N.W. by W.	2	N.W. by N.	2	18
N.W. by N.	4	N.W.	5	N.W.	6	N. by W.	5	W. by N.	4	N.W. by N.	5	19
N.N.W.	1	N. by W.	3	N.W.	3	N.W.	2	N.W. by N.	2	N.W. by N.	2	20
W.	7	W. by N.	6	W.	6	N. by E.	4	^b —	5	^b —	5	21
N.W. by N.	2	N.W. by N.	4	N.W. by N.	4	N. by W.	4	N. by W.	4	N.	3	22
—	—	—	—	—	—	—	—	—	—	—	—	23
N.N.W.	2	N.N.W.	2	N.N.W.	2	N.	3	N.	4	N.	4	24
N. by W.	2	N. by W.	2	N. by W.	1	N. by W.	2	N. by W.	5	N. by E.	7	25
N. by W.	1	N. by W.	1	N. by W.	1	N. by W.	2	N. by W.	2	N. by W.	2	26
N.	6	N.	4	N.	3	N. by W.	4	N. by E.	4	N. by W.	5	27
N.	4	N.	6	N.	5	N. by W.	6	N.N.W.	5	N. by W.	5	28
N.	4	N.	3	N.	2	N.W.	2	N.W. by N.	2	N. by W.	5	29
—	—	—	—	—	—	—	—	—	—	—	—	30
N.W.	7	N.W. by N.	7	N.W. by N.	7	N.W.	8	N.W. by N.	7	N.W. by W.	7	31

AUGUST.

DIRECTION AND FORCE OF THE WIND.														
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .			
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		
SEPTEMBER.	1	N.W.	7	N.W.	8	W.N.W.	8	N.W. by W.	8	N.W. by N.	7	N.W.	7	
	2	N.W. by N.	5	N.N.W.	6	N.W. by N.	6	N. by W.	5	N.N.W.	5	N.W. by W.	4	
	3	N. by W.	4	N. by W.	6	N. by W.	6	N. by W.	7	N. by W.	6	N. by W.	4	
	4	S. by E.	4	S.	4	S.	4	S.	4	S.	4	S.	4	
	5	N.	6	N. by W.	6	N.	4	N. by W.	3	N.W. by N.	3	N.N.W.	3	
	6	N. by W.	3	S. by E.	5	S. by E.	5	S. by E.	6	S. by E.	6	S. by E.	5	
	7	—	—	—	—	—	—	—	—	—	—	—	—	—
	8	N. by W.	4	N.	6	N.	4	N. by E.	5	N. by E.	6	N. by E.	5	
	9	N. by W.	4	N. by W.	2	N. by W.	3	N. by W.	4	N. by W.	5	N. by W.	3	
	10	N. by W.	4	N.	5	N.	8	N. by W.	8	N.	8	N. by W.	9	
	11	W.S.W.	5	N.N.W.	6	W. by N.	5	W.N.W.	3	W.	3	W. by S.	3	
	12	N.	7	N. by W.	6	N.W. by N.	4	N. by W.	2	N. by W.	4	N.N.W.	4	
	13	N. by W.	6	N. by W.	5	N.N.W.	4	N. by W.	4	N. by W.	3	N. by W.	2	
	14	—	—	—	—	—	—	—	—	—	—	—	—	—
	15	N.N.W.	10	N.N.W.	10	N.W.	8	N.W. by N.	8	N.W.	6	N.W. by N.	7	
	16	S.W.	6	S.S.E.	1	S.	3	S.	3	S. by W.	2	W. by N.	1	
	17	N. by W.	6	N. by W.	8	N. by W.	7	N. by W.	7	N.W. by N.	7	N.W. by N.	6	
	18	S.S.E.	4	S.S.E.	2	S.S.E.	2	S.S.E.	1	S.S.E.	1	S.S.E.	1	
	19	N. by W.	7	N.W.	5	N.W. by N.	4	N. by W.	4	N.W.	4	N.N.W.	2	
	20	N. by W.	7	N.N.W.	7	N. by W.	6	N.N.W.	6	N.N.W.	5	N.N.W.	7	
	21	—	—	—	—	—	—	—	—	—	—	—	—	—
	22	N. by E.	6	N. by E.	5	N. by E.	4	N. by W.	2	N. by W.	1	Calm.	—	
	23	N.	5	N.	9	N. by W.	9	N. by W.	9	N.	9	N.	9	
	24	W.	7	N.W.	6	N.W.	7	N.W.	4	N.W.	4	N.W.	5	
	25	N.N.W.	5	N.	4	N.N.W.	3	N.	6	N. by W.	4	N.W. by N.	4	
	26	N. by E.	8	N. by E.	7	N.N.W.	5	N. by W.	4	N.	3	N.	3	
	27	S. by E.	4	S. by E.	6	S.S.E.	6	S.	6	S.	5	S. by E.	4	
	28	—	—	—	—	—	—	—	—	—	—	—	—	—
	29	S.	5	S.	7	S.	7	S.	7	S.	6	S.	6	
	30	N.N.E.	2	N.N.E.	1	N.N.E.	1	N.N.E.	1	N.N.E.	2	N.N.E.	1	

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .			
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		
SEPTEMBER.	1	N.W.	9	N.W.	10	N.W.	9	N.W.	9	N.W.	7	N.W. by N.	7	
	2	N. by W.	4	W.N.W.	5	N.N.W.	4	N. by W.	3	N. by W.	4	N. by W.	4	
	3	N. by W.	6	N.W. by N.	6	N.W. by N.	6	N.W.	4	N.W. by N.	3	N.W.	3	
	4	Calm.	—	N. by W.	2	N. by W.	3	N. by W.	3	N. by W.	3	N. by W.	2	
	5	N.W. by N.	2	N.W. by N.	3	N.W. by N.	2	N.W. by N.	3	N.W. by N.	2	N.W. by N.	2	
	6	—	—	—	—	—	—	—	—	—	—	—	—	—
	7	N.	1	Calm.	—	N. by W.	2	N.	3	N.	4	N.	4	
	8	N.	4	N. by W.	5	N.	5	N. by W.	5	N.	5	N. by W.	5	
	9	N.	3	N.W.	4	N.W.	5	N.W.	5	N.W. by W.	4	N.	4	
	10	N.N.W.	4	N.N.W.	2	Calm.	—	N.N.W.	1	N.N.W.	2	N.N.W.	4	
	11	N. by W.	4	N. by W.	4	N. by W.	4	N.	5	N. by W.	5	N. by W.	5	
	12	N.N.W.	3	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	1	
	13	—	—	—	—	—	—	—	—	—	—	—	—	—
	14	N. by W.	1	N. by W.	2	N.N.W.	3	N. by W.	5	N.W. by N.	4	N. by W.	4	
	15	N.N.W.	4	N.N.W.	4	N.N.W.	4	N.W.	2	W.S.W.	1	Calm.	—	
	16	N.W. by N.	3	N. by W.	2	N.N.W.	4	N.N.W.	4	N.N.W.	3	N.N.W.	3	
	17	N. by W.	3	N. by W.	2	N. by W.	1	N. by W.	1	N. by W.	1	N. by W.	1	
	18	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.W. by N.	3	N.W. by N.	4	
	19	N.	5	N.	6	N.	6	N.	7	N. by W.	8	N.	7	
	20	—	—	—	—	—	—	—	—	—	—	—	—	—
	21	N.	4	N.	4	N. by E.	4	N.N.E.	4	N. by E.	4	N. by E.	2	
	22	N.	3	N.	3	N. by E.	4	N. by E.	5	N. by E.	5	N.	3	
	23	N.W. by N.	7	N.W. by N.	7	N.N.W.	7	N.W. by N.	6	N.W.	5	W.	2	
	24	N.W.	6	N.W.	8	N.W.	3	N.W.	3	N.W.	4	Calm.	—	
	25	N. by W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	4	N.N.W.	4	N.N.W.	3	
	26	N. by W.	2	N. by W.	3	N. by W.	4	N. by W.	5	N. by W.	4	N. by W.	4	
	27	—	—	—	—	—	—	—	—	—	—	—	—	—
	28	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N. by W.	1	N. by W.	2	
	29	S. by E.	1	S. by E.	1	S. by E.	1	S. by E.	1	S. by E.	1	S. by E.	1	
	30	N.N.E.	3	N.N.E.	3	N. by E.	2	N. by E.	2	N. by E.	3	N. by E.	2	

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.	
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .			
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	SEPTEMBER.	
N.N.W.	7	N.N.W.	7	N.W. by N.	8	N.N.W.	7	N.W. by N.	9	N.W.	10		1
N.W. by N.	3	N.	4	N.W.	4	N.W.	3	N. by W.	2	N. by W.	3		2
N. by W.	3	N. by W.	5	N. by W.	6	N. by W.	4	N. by W.	3	N. by W.	6		3
S.	2	S.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—		4
N.N.W.	3	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.W. by N.	1		5
S. by E.	1	S. by E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—		6
—	—	—	—	—	—	—	—	—	—	—	—		7
N. by E.	3	N.	1	N.	4	N.	4	N.	4	N.	4		8
N.N.W.	2	N. by W.	3	N. by W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	3		9
N.	9	N.	7	N. by W.	7	N.	8	N. by W.	6	N.N.W.	5		10
N.W. by W.	4	N.W. by N.	1	N.N.W.	1	W.N.W.	3	N.N.W.	4	N. by W.	4		11
N.W.	4	N.W. by N.	3	N.N.W.	5	N. by W.	4	N. by W.	4	N. by W.	3		12
N. by W.	2	N. by W.	1	N. by W.	1	N. by W.	1	N. by W.	1	N. by W.	1		13
—	—	—	—	—	—	—	—	—	—	—	—		14
N.W. by N.	7	N.N.W.	7	N.	6	N. by W.	7	N. by W.	6	N.N.W.	4		15
W. by N.	1	Calm.	—	N.N.W.	2	N.N.W.	3	N.N.W.	3	N.N.W.	3		16
N.	5	N. by W.	3	N. by W.	5	N.W. by W.	3	N. by W.	3	N. by W.	4		17
S.S.E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—		18
N.N.W.	2	Calm.	—	N.W. by N.	3	N.W. by N.	4	N.N.W.	4	N. by W.	5		19
S.	8	S. by E.	8	S. by E.	9 ^a	Calm.	—	Calm.	—	Calm.	—	20	
—	—	—	—	—	—	—	—	—	—	—	—	21	
Calm.	—	Calm.	—	Calm.	—	Calm.	—	E. by N.	3	N.E. by N.	3	22	
N.N.W.	8	N.N.W.	8	N.W.	8	W. by N.	8	N.N.W.	7	N.W. by N.	7	23	
N.N.W.	3	N.W.	3	N.W.	5	N.W.	7	N.W.	7	N.W.	6	24	
N. by W.	3	N.W. by N.	4	N.N.W.	3	N.N.W.	4	N. by W.	4	N. by W.	3	25	
N.	3	N.	3	N. by W.	1	N. by W.	3	N. by W.	3	N. by W.	3	26	
S. by E.	4	S. by E.	3	S.	1	S.	1	S.	1	S.	1	27	
—	—	—	—	—	—	—	—	—	—	—	—	28	
S.	6	S.	4	S. by E.	1	Calm.	—	Calm.	—	Calm.	—	29	
N.N.E.	1	N.N.E.	3	N.N.E.	3	N. by E.	4	N.N.E.	4	N.N.E.	4	30	

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.	
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .			
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	SEPTEMBER.	
N. by W.	6	N. by W.	5	N. by W.	6	N.W. by N.	6	N.N.W.	5	N.W. by N.	5		1
N. by W.	4	N. by W.	3	N. by W.	3	N. by W.	4	N. by W.	5	N. by W.	4		2
N. by W.	3	N. by W.	1	N. by W.	3	N.	3	N.	3	S. by E.	3		3
N.	3	N.	1	N.	4	N.	3	N. by W.	3	N. by W.	4		4
N.W. by N.	3	N.W. by N.	4	N. by W.	3	N. by W.	4	N.	4	N. by W.	3		5
—	—	—	—	—	—	—	—	—	—	—	—		6
N.	5	N.	5	N.	6	N.	6	N. by W.	6	N.	5		7
N. by W.	4	N. by W.	4	N. by W.	4	N.W. by N.	4	N.N.W.	4	N. by W.	4		8
N. by W.	4	N.W. by N.	4	N.N.W.	3	N. by W.	3	N. by W.	4	N. by W.	3		9
N.	4	S.S.W.	4	W.	3	S.W. by S.	3	S.S.W.	4	W. by S.	4		10
N.	5	N.N.E.	5	N. by E.	7	N. by W.	6	N. by W.	6	N. by W.	6		11
N.W. by N.	1	N.W. by N.	2	N.N.W.	5	N. by W.	2	N. by W.	5	N. by W.	5		12
—	—	—	—	—	—	—	—	—	—	—	—		13
N. by W.	4	N. by W.	6	N. by W.	7	N.N.W.	9	N.N.W.	10	N.N.W.	10		14
N. by W.	1	N. by W.	1	N. by W.	1	N.N.E.	1	S.W.	1	S.W.	1		15
N.N.W.	4	N. by W.	3	N.	5	N.N.W.	5	N. by W.	5	N. by W.	6		16
N. by W.	1	N. by W.	1	N. by W.	1	N.N.W.	1	S.E. by S.	6	S.S.E.	4		17
N.W. by N.	5	N.W. by N.	6	N.N.W.	7	N. by W.	7	N. by W.	6	N. by W.	6		18
N. by W.	6	N.	6	N.	6	N. by W.	5	N. by W.	5	N. by W.	6		19
—	—	—	—	—	—	—	—	—	—	—	—	20	
Calm.	—	N. by E.	3	N. by E.	4	N. by W.	3	N.	6	N. by W.	6	21	
N.	2	N. by E.	2	N. by E.	4	Calm.	—	N.W. by N.	4	N. by W.	5	22	
W. by S.	5	W. by S.	5	W.	6	N.W.	6	W.	7	N. by W.	7	23	
N. by W.	2	N. by W.	1	N. by W.	3	N. by W.	4	N.	4	N.	3	24	
N.N.W.	2	N.N.W.	4	N.N.W.	5	N. by W.	6	N. by W.	6	N.	6	25	
N. by W.	3	N. by W.	2	N. by W.	2	N. by W.	1	N. by E.	2	S. by E.	3	26	
—	—	—	—	—	—	—	—	—	—	—	—	27	
N. by W.	1	N. by W.	2	W.N.W.	1	S.W.	2	S. by E.	3	S.	4	28	
S. by E.	1	S. by E.	1	S. by E.	1	N.N.E.	1	N.N.E.	2	N.N.E.	2	29	
S. by E.	2	N. by E.	3	N. by E.	3	W.N.W.	1	N.N.W.	1	N.N.W.	1	30	

^a Remarkably sudden fall of wind.

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
OCTOBER.	1	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	1
	2	S.S.E.	4	S. by E.	4	S. by E.	3	S. by E.	3	S. by E.	1	N.W.	2
	3	S.	3	S. by E.	4	S. by E.	5	S. by E.	5	S. by E.	5	S. by E.	2
	4	S. by E.	4	S. by E.	6	S. by E.	6	S. by E.	6	S.S.E.	5	S.S.E.	2
	5	—	—	—	—	—	—	—	—	—	—	—	—
	6	S.S.E.	6	S. by E.	5	S. by E.	5	S. by E.	3	S. by E.	3	S. by E.	1
	7	S.	6	S.	6	S. by W.	6	S. by W.	5	S. by W.	4	S. by E.	4
	8	N. by W.	2	N.	3	N.	2	N. by E.	3	N.N.E.	4	N.N.E.	4
	9	N.	2	S.S.E.	3	S. by E.	4	S. by E.	4	S. by E.	3	S. by E.	3
	10	S.S.E.	3	S.S.E.	3	S.S.E.	3	S.S.E.	3	S.S.E.	3	S. by E.	3
	11	S.E. by S.	3	S.S.E.	4	S.S.E.	5	S.S.E.	6	S. by E.	6	S. by E.	6
	12	—	—	—	—	—	—	—	—	—	—	—	—
	13	N. by E.	3	S.	2	S.	1	N. by W.	3	N. by W.	3	N.N.W.	1
	14	S. by W.	6	S.S.W.	6	S.S.W.	7	S.S.W.	6	S.S.W.	6	W.S.W.	4
	15	S. by E.	3	S. by E.	3	S. by W.	3	S.	3	S.	4	S.	3
	16	N.W. by N.	4	N.W.	4	N. by W.	3	S. by E.	4	S.	6	S.	7
	17	S.	4	S. by E.	4	S. by E.	3	S. by E.	4	S. by E.	3	S. by E.	3
	18	N.	3	N.W. by N.	4	N. by W.	5	N. by E.	6	N.	5	N.N.W.	4
	19	—	—	—	—	—	—	—	—	—	—	—	—
	20	S. by E.	6	S. by E.	7	S. by E.	8	S. by E.	8	S. by E.	7	S. by E.	7
	21	S.	3	S.S.E.	5	S. by E.	7	S. by E.	6	S. by E.	6	S. by E.	6
	22	N.N.E.	1	E.	3	E.	2	S. by E.	4	S.E.	2	S.E.	4
	23	N. by W.	1	N.N.W.	3	W.N.W.	3	W. by N.	4	N.N.W.	3	N.W. by N.	3
	24	E.S.E.	3	E.S.E.	4	S.E.	6	S.E.	6	S.E.	6	S.E. by S.	6
	25	S.E. by E.	6	S.E. by E.	5	S.E. by E.	5	S.E. by E.	6	S.E. by E.	7	S.E. by E.	7
	26	—	—	—	—	—	—	—	—	—	—	—	—
	27	N. by W.	4	N.N.W.	4	N. by W.	4	N.W.	4	N. by W.	4	N. by W.	4
	28	N. by W.	4	N. by W.	5	N.W.	6	N.N.W.	6	N. by W.	4	N.N.W.	4
	29	N.N.W.	6	N.N.W.	7	N.N.W.	9	N.N.W.	9	N. by W.	9	N.N.W.	9
	30	N.W. by W.	6	N.W. by N.	4	N.W. by N.	5	N.N.W.	3	S.E.	2	E. by S.	3
	31	S.E.	5	S.E.	5	S.E. by S.	7	S.E. by S.	3	S.E. by S.	5	S.E. by S.	6

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
OCTOBER.	1	N.N.W.	1	Calm.	—	Calm.	—	N.N.W.	1	Calm.	—	Calm.	—
	2	N. by W.	4	N. by W.	3	N. by E.	4	N. by E.	4	N. by E.	3	N. by E.	4
	3	N. by W.	2	N.	2	N.	2	N.	2	N. by E.	2	N. by E.	1
	4	—	—	—	—	—	—	—	—	—	—	—	—
	5	Calm.	—	S. by E.	1	S. by E.	1	S. by E.	3	N.	1	N.	2
	6	S. by W.	7	S. by W.	5	S.S.W.	4	S. by W.	3	S.W.	2	S. by W.	3
	7	S. by W.	2	Calm.	—	N.N.E.	1	N.N.E.	1	N.N.E.	1	N. by E.	2
	8	N.	5	N.	3	N.	2	N.	2	N.	1	Calm.	—
	9	S. by E.	3	S. by E.	2	S. by E.	1	S. by E.	1	S. by E.	1	Calm.	—
	10	Calm.	—	Calm.	—	Calm.	—	N. by W.	1	N. by W.	1	N.W. by N.	2
	11	—	—	—	—	—	—	—	—	—	—	—	—
	12	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N. by W.	1	N. by W.	1
	13	S.	5	S. by W.	7	S.	7	S.	7	S.	6	S.	5
	14	Calm.	—	W.S.W.	1	W.S.W.	2	W.S.W.	3	W.S.W.	2	W.S.W.	4
	15	E.N.E.	1	E.N.E.	1	N. by W.	1	N. by W.	1	N. by W.	1	Calm.	—
	16	Calm.	—	Calm.	—	Calm.	—	S.	4	S. by E.	4	S.	4
	17	N.	1	N.	2	N.	2	N.	2	N.	2	N.	2
	18	—	—	—	—	—	—	—	—	—	—	—	—
	19	N.	3	N.	3	N. by W.	3	N. by W.	3	N. by W.	1	N. by W.	2
	20	Calm.	—	N.W. by W.	2	S. by W.	2	S. by W.	2	S. by W.	2	E. by N.	2
	21	S. by E.	4	S. by W.	1	S. by W.	1	S. by W.	1	S. by W.	1	Calm.	—
	22	S.E.	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—	E.N.E.	2
	23	Calm.	—	Calm.	—	S.	2	S.	3	S.	2	S.	1
	24	S.S.E.	2	S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	1
	25	—	—	—	—	—	—	—	—	—	—	—	—
	26	N.W. by W.	3	N.N.W.	2	N.N.W.	2	N.N.W.	1	N.N.W.	2	N.N.W.	3
	27	N. by W.	6	N.N.W.	8	N. by W.	8	N. by W.	5	N.N.W.	5	N.N.W.	6
	28	N. by W.	3	N. by W.	3	N. by W.	2	Calm.	—	N. by W.	1	N. by W.	1
	29	N.W.	3	N.W.	1	S.S.E.	2	S.E.	1	S.E.	1	N.E. by E.	2
	30	E. by S.	2	E. by S.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	31	W.N.W.	3	W.N.W.	4	N. by W.	5	N.	2	N.	2	N. by W.	2

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	2	N.N.W.	2	N.N.W.	1	1
Calm.	—	N.N.W.	3	N. by W.	4	N. by W.	3	N. by W.	1	N. by W.	1	2
S.E. by S.	1	S.E. by S.	1	N.W. by W.	4	N.W.	5	N. by W.	3	N. by W.	2	3
S.S.E.	2	S.S.E.	2	S.S.E.	2	S. by E.	2	S. by E.	2	S. by E.	2	4
—	—	—	—	—	—	—	—	—	—	—	—	5
S. by E.	1	N.	2	N.	2	N. by W.	4	N.	2	S. by W.	6	6
S.	4	S. by W.	3	S. by W.	3	S. by W.	3	S. by W.	2	S. by W.	2	7
N. by E.	4	N.	3	N. by E.	4	N.	5	N.	5	N.	5	8
S. by E.	3	S. by W.	3	S. by W.	3	S. by W.	3	S.	4	S. by E.	4	9
S. by E.	3	S. by E.	3	S. by W.	3	S. by E.	1	S. by E.	1	Calm.	—	10
S. by E.	4	S. by E.	2	Calm.	—	S.	1	Calm.	—	Calm.	—	11
—	—	—	—	—	—	—	—	—	—	—	—	12
N. by W.	1	N. by W.	1	S. by E.	3	S. by E.	2	S. by E.	6	S.	5	13
S.S.W.	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	14
S.	2	S.	1	S.	1	S. by E.	1	E.S.E.	1	E.N.E.	1	15
S. by W.	7	S. by W.	3	S. by W.	1	S. by W.	1	S. by W.	1	S. by W.	1	16
S. by E.	2	Calm.	—	Calm.	—	Calm.	—	E.N.E.	1	Calm.	—	17
N. by W.	3	N. by W.	1	N. by W.	3	N. by W.	4	N. by W.	6	N. by W.	4	18
—	—	—	—	—	—	—	—	—	—	—	—	19
S. by E.	6	S. by E.	3	Calm.	—	S.W. by S.	3	S.W.	1	Calm.	—	20
S. by E.	5	S. by E.	4	S. by E.	4	S. by E.	3	S. by E.	1	S. by E.	2	21
S.E.	3	S.E.	2	S.E.	2	S.E.	1	Calm.	—	S.E.	2	22
N.W.	3	N.W.	3	N.W.	3	N.W.	1	N. by E.	1	N. by E.	1	23
S.S.E.	4	S.S.E.	4	S.S.E.	2	S.S.E.	1	S.S.E.	2	S.S.E.	2	24
S.E.	7	S.E.	5	S.E.	3	S.E.	2	S.E.	2	S.E.	1	25
—	—	—	—	—	—	—	—	—	—	—	—	26
N. by W.	3	N. by W.	3	N.	3	N. by W.	4	N. by W.	6	N. by W.	6	27
N.W. by N.	6	N.W.	3	N.W.	7	N. by W.	4	N. by W.	4	N. by W.	2	28
N.W.	8	N.W. by N.	7	N.W. by N.	7	N.W.	7	N.W.	5	N.W.	3	29
E. by S.	3	E. by S.	3	E. by S.	3	E. by S.	2	E. by S.	2	E. by S.	2	30
S.E. by S.	3	S.E. by S.	2	E. by N.	1	E. by N.	1	E. by N.	1	N.N.E.	3	31

OCTOBER.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
Calm.	—	N.N.W.	1	N.N.W.	1	E. by S.	2	S.E. by S.	2	S.E. by S.	3	1
N. by E.	4	N. by E.	4	N. by E.	4	N. by E.	4	N. by E.	4	N. by E.	3	2
N. by E.	1	N. by E.	1	N. by E.	1	N. by E.	2	N. by E.	1	Calm.	—	3
—	—	—	—	—	—	—	—	—	—	—	—	4
N.	2	S. by W.	2	S. by W.	2	S. by E.	3	S. by E.	4	S.S.E.	4	5
S. by W.	3	S. by W.	4	S.	6	S.	7	S. by W.	7	S.	5	6
N. by E.	3	N.N.E.	3	N. by E.	3	N.N.W.	2	N. by W.	2	N. by W.	2	7
Calm.	—	N.	2	N.	4	N.	4	N.	4	N.	2	8
Calm.	—	S. by E.	1	Calm.	2	S.S.E.	1	S.S.E.	3	S.S.E.	3	9
S.W. by S.	2	S.W. by S.	1	S.W. by S.	—	N.N.W.	2	N. by W.	2	N.N.E.	2	10
—	—	—	—	—	—	—	—	—	—	—	—	11
N. by W.	2	N. by W.	3	N. by W.	4	N. by E.	4	N.	4	N.	4	12
S. by W.	4	S. by W.	6	S. by W.	7	S.S.W.	7	S.W. by S.	6	S.S.W.	6	13
E. by S.	2	E. by S.	2	W. by N.	2	E.	1	N.E. by N.	2	N.N.E.	1	14
N. by E.	2	N. by E.	2	N. by E.	4	N.	4	N.	3	N.N.E.	3	15
S. by W.	4	S. by W.	4	S. by W.	4	S. by W.	5	S.	6	S.	5	16
N.N.W.	2	N.N.W.	3	N.N.W.	2	N.	2	N.	2	N. by E.	2	17
—	—	—	—	—	—	—	—	—	—	—	—	18
N. by W.	3	N. by W.	3	N. by W.	5	N. by W.	5	N.N.W.	5	N.W.	6	19
E. by N.	2	E. by N.	3	S. by E.	4	S.W. by S.	2	S. by W.	3	S.S.W.	2	20
W.N.W.	1	N.W. by W.	2	N.W.	3	N. by W.	2	N. by W.	2	N. by W.	2	21
E.N.E.	2	N. by W.	3	N. by W.	4	N. by W.	4	N. by W.	4	N. by W.	2	22
S.	1	N.	2	N. by W.	2	E.	2	E.	3	E.	4	23
Calm.	—	S.S.E.	2	S.S.E.	3	S.	3	S.E. by S.	4	S.E. by E.	5	24
—	—	—	—	—	—	—	—	—	—	—	—	25
N.N.W.	3	N.W.	4	N.W.	3	N.W.	4	N.W. by W.	2	N.W. by N.	3	26
N. by W.	6	N. by W.	6	N.N.W.	6	N.N.W.	5	N.W.	5	N.W.	4	27
E. by S.	1	E. by S.	1	E. by S.	1	E. by N.	2	E. by N.	3	N.N.W.	5	28
N. by W.	2	N.W.	3	N.N.W.	3	N.W. by N.	5	N.W. by N.	5	N. by W.	5	29
E. by S.	2	E.N.E.	3	N. by E.	2	N.	1	N.	2	S.E. by E.	3	30
N.N.W.	2	N.N.W.	3	N. by W.	4	N. by W.	5	N. by W.	5	N. by W.	5	31

OCTOBER.

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3.		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
NOVEMBER.	1	N.W. by W.	4	N.N.W.	6	N. by W.	7	N.N.W.	5	N.W.	2	N.W.	3
	2	—	—	—	—	—	—	—	—	—	—	—	—
	3	N.N.W.	7	W. by N.	7	N.W.	7	N.W.	6	N.W. by N.	6	S.	6
	4	N.W. by N.	4	N.W.	7	N.W. by W.	8	N.W.	7	N.W. by N.	6	N.N.W.	5
	5	N. by W.	5	W.	6	N.W.	4	S.S.E.	4	S.S.E.	4	S.S.E.	3
	6	N.N.W.	8	N.N.W.	8	N.N.W.	5	W.	3	W.	3	N.W. by N.	1
	7	S.	4	S.	2	S.S.E.	3	W.S.W.	4	S.W. by S.	5	S.S.W.	4
	8	N.W. by W.	4	N.W.	7	N.N.W.	6	N. by W.	7	N.N.W.	7	N.N.W.	5
	9	—	—	—	—	—	—	—	—	—	—	—	—
	10	N.N.W.	8	N.N.W.	8	N.N.W.	9	N.W. by N.	8	W. by N.	7	N.W.	3
	11	N.W. by W.	8	W.N.W.	8	W.N.W.	7	N.W. by W.	8	N.W.	8	N.N.W.	7
	12	N.W.	7	N.W.	7	N.W. by W.	7	N.W. by N.	7	W.N.W.	7	N.W. by N.	6
	13	W. by N.	6	N.W. by W.	7	N.W. by W.	7	W. by N.	8	N.W.	3	N. by W.	6
	14	N. by W.	2	S.S.E.	3	S.S.E.	3	S.S.E.	3	S.S.E.	5	S. by E.	4
	15	E.S.E.	3	S.E. by E.	3	S.E.	3	S.E. by E.	4	S.E.	4	S.E.	4
	16	—	—	—	—	—	—	—	—	—	—	—	—
	17	S.E.	4	S.E.	4	S.E. by S.	4	S.E. by S.	4	S.S.E.	4	S.S.E.	4
	18	S.E.	5	S.E. by S.	5	S.E.	5	S.E.	5	S.E. by S.	5	S.S.E.	5
	19	N. by E.	1	E.	5	E.N.E.	6	E.N.E.	5	E.	5	E.	3
	20	N. by W.	2	S.E. by E.	2	S.E. by E.	3	N.	4	N.E.	4	N.W.	2
	21	N. by W.	4	N.W. by N.	3	N.W. by N.	3	N.E.	4	N. by E.	4	N. by E.	4
	22	E.S.E.	1	S.E.	3	S.E. by S.	3	S.S.E.	3	S.S.E.	4	S.S.E.	3
	23	—	—	—	—	—	—	—	—	—	—	—	—
	24	N.W. by W.	6	N.W. by W.	5	N.W. by N.	5	N.N.W.	5	W. by S.	5	N. by E.	1
	25	S.S.E.	6	S.E. by S.	6	S.S.E.	6	S. by E.	7	S. by E.	8	S. by E.	7
	26	S.S.E.	6	S.E. by S.	6	S.E. by S.	6	S.E. by S.	5	S.E. by S.	5	S.S.E.	5
	27	S.S.E.	3	S. by E.	5	S. by E.	4	S. by E.	4	S. by E.	4	S. by E.	4
	28	N. by W.	2	N. by W.	2	N. by W.	2	S.E.	2	S.E.	1	S.S.W.	3
	29	N.	2	S.E.	2	S. by W.	3	S.E.	2	S.E.	2	N.N.E.	2
	30	—	—	—	—	—	—	—	—	—	—	—	—

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
NOVEMBER.	1	—	—	—	—	—	—	—	—	—	—	—	
	2	N.W.	1	N.W.	1	N.W.	1	N.W. by N.	1	N.N.W.	3	N.N.W.	4
	3	N.W.	4	N.N.W.	6	N.N.W.	4	N. by W.	4	N.W. by N.	2	N.	2
	4	N.W.	4	N.N.W.	3	N. by W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	1
	5	S.S.E.	1	S.S.E.	1	Calm.	—	E.N.E.	1	N. by W.	1	Calm.	—
	6	Calm.	—	W.N.W.	1	W.N.W.	1	W.N.W.	1	W.N.W.	1	W.N.W.	1
	7	N.W.	4	N.W.	1	W.N.W.	2	W.N.W.	3	N.W. by N.	3	N.W. by W.	3
	8	—	—	—	—	—	—	—	—	—	—	—	—
	9	N.E. by N.	1	Calm.	—	N.N.E.	3	N.W. by N.	3	N.W. by N.	2	N.W. by N.	2
	10	Calm.	—	N.W.	1	N.W.	1	N.W.	2	N.W.	1	N.W.	2
	11	N.N.W.	6	N.W. by N.	7	N.W. by N.	2	N.W. by N.	2	N.W. by N.	1	N.W. by N.	1
	12	N.W. by N.	7	N.N.W.	6	N.W. by N.	4	N.W. by W.	4	W.N.W.	4	W.N.W.	5
	13	N.	6	N. by E.	4	N.	4	N.	4	N. by W.	5	N. by W.	4
	14	S. by E.	1	S. by E.	1	Calm.	—	S. by E.	1	S. by E.	1	S. by E.	1
	15	—	—	—	—	—	—	—	—	—	—	—	—
	16	Calm.	—	W.N.W.	1	W.N.W.	2	W.N.W.	2	W.N.W.	3	W.N.W.	2
	17	S.S.E.	1	S.S.E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	18	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N. by W.	1
	19	N. by W.	3	N. by W.	2	N. by W.	2	N. by W.	1	N. by W.	1	N.W. by N.	1
	20	N. by W.	3	N.N.W.	2	N.N.W.	3	N.W. by N.	3	N.W.	2	N.W.	2
	21	N. by W.	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.	1
	22	—	—	—	—	—	—	—	—	—	—	—	—
	23	N.W. by N.	8	N.W.	8	N.W.	8	N.W.	8	N.W. by N.	8	N.W.	8
	24	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N. by W.	1
	25	S.S.E.	7	S.S.E.	7	S. by E.	8	S.E. by S.	7	S.S.E.	7	S.S.E.	7
	26	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	27	Calm.	—	Calm.	—	E.	2	N. by W.	3	N. by W.	3	N. by W.	4
	28	S.	1	S.	1	Calm.	—	S.	1	S.	1	Calm.	—
	29	—	—	—	—	—	—	—	—	—	—	—	—
	30	E.S.E.	1	N.E. by N.	1	Calm.	—	N.	1	Calm.	—	N. by W.	1

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.W.	1	Calm.	—	Calm.	—	S. by E.	3	S. by W.	3	S.S.E.	1	1
—	—	—	—	—	—	—	—	—	—	—	—	2
N.W.	7	N.W.	3	N.W.	4	N.W.	4	N.W.	3	N.W.	4	3
N.W. by N.	3	N.W. by N.	6	N.W. by N.	6	N.N.W.	6	N.W. by N.	5	N.W. by N.	5	4
S.S.E.	2	S.S.E.	2	S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	1	5
Calm.	—	Calm.	—	Calm.	—	W.N.W.	1	W.N.W.	1	W.N.W.	1	6
W. by S.	4	W. by S.	4	W. by N.	4	W.N.W.	4	W.N.W.	3	N.W.	3	7
N.W. by N.	2	W. by S.	3	W. by S.	3	S.W. by W.	5	W. by N.	3	N.W.	4	8
—	—	—	—	—	—	—	—	—	—	—	—	9
N.W. by N.	3	W.N.W.	1	N.W.	1	N.W.	1	Calm.	—	Calm.	—	10
N.W. by W.	5	N.W. by W.	5	N.W. by N.	7	N.W.	6	N.W. by N.	6	N.W. by N.	6	11
N.W. by N.	2	N.W.	4	N.W.	4	N.W.	5	N.W. by N.	4	N.W. by N.	5	12
N.	6	N.	6	N.	5	N.	6	N.	6	N.	6	13
S. by E.	4	S. by E.	3	S. by E.	2	S. by E.	2	S. by E.	1	S. by E.	1	14
S.E. by E.	4	E. by S.	2	E. by S.	1	Calm.	—	Calm.	—	E. by N.	1	15
—	—	—	—	—	—	—	—	—	—	—	—	16
S.S.E.	2	S.S.E.	2	S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	1	17
S.S.E.	5	S. by E.	2	Calm.	—	Calm.	—	Calm.	—	S. by E.	1	18
E.	2	Calm.	—	Calm.	—	N. by W.	3	N. by W.	4	N. by W.	4	19
E.	1	N.W. by N.	1	N.	1	N. by W.	3	N. by W.	3	N. by W.	3	20
N. by E.	3	N. by W.	3	N. by W.	4	N. by W.	4	N. by W.	4	N. by W.	3	21
S.S.E.	4	S.S.E.	4	S.S.E.	3	S.S.E.	1	S.S.E.	1	Calm.	—	22
—	—	—	—	—	—	—	—	—	—	—	—	23
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	24
S. by E.	7	S.S.E.	7	S.S.E.	7	S.S.E.	7	S.S.E.	7	S.S.E.	7	25
S. by E.	3	S. by E.	2	S. by E.	2	S. by E.	2	S. by E.	1	Calm.	—	26
S.S.E.	4	S.S.E.	4	S.S.E.	2	Calm.	—	Calm.	—	Calm.	—	27
S.	2	Calm.	—	Calm.	—	Calm.	—	S.	2	S.	3	28
Calm.	—	Calm.	—	W.	2	Calm.	—	Calm.	—	N.E. by N.	1	29
—	—	—	—	—	—	—	—	—	—	—	—	30

NOVEMBER.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
—	—	—	—	—	—	—	—	—	—	—	—	1
N.N.W.	4	N.N.W.	5	N.N.W.	7	N.W.	9	N.W.	9	N.W. by N.	8	2
N. by E.	2	N.N.W.	2	N.N.W.	2	N.W. by N.	3	N.W. by N.	5	N. by W.	3	3
N.N.W.	1	N. by W.	2	N.W. by W.	3	N.W. by N.	4	N. by W.	3	N.	4	4
N.W. by N.	2	N.W. by N.	3	N.N.W.	4	N.N.W.	4	N.N.W.	3	N.N.W.	7	5
W.N.W.	2	S.	3	S.E. by S.	3	S.S.E.	3	S.	2	S.S.W.	3	6
W.N.W.	4	N.W.	5	N.W. by N.	4	N.W. by N.	6	N.W.	5	N.W. by N.	6	7
—	—	—	—	—	—	—	—	—	—	—	—	8
N.W. by N.	2	N. by W.	2	N. by W.	5	N. by W.	5	N.N.W.	5	N.N.W.	8	9
N.W. by N.	3	N.W. by N.	2	N.N.W.	1	N.W. by W.	7	N.W. by N.	9	N.W. by N.	9	10
Calm.	—	N.N.W.	2	N.W.	4	N.W.	4	W.N.W.	5	N.W. by W.	6	11
N.W. by W.	6	N.W.	3	N.W. by N.	3	N.N.W.	2	N. by W.	4	W. by N.	5	12
N. by W.	2	N.	3	N.	4	N.W. by N.	4	N. by W.	3	S.S.E.	2	13
S.S.E.	4	S.S.E.	4	S.E.	5	S.E.	5	S.E.	5	E.S.E.	3	14
—	—	—	—	—	—	—	—	—	—	—	—	15
W.N.W.	3	N.W.	3	N.W. by N.	2	N. by W.	3	E.S.E.	3	E.S.E.	4	16
N.W. by W.	1	N.W. by W.	2	N.W. by W.	2	E. by S.	2	E.S.E.	3	S.E.	4	17
N. by W.	2	N. by W.	3	N. by W.	3	N. by W.	1	N. by W.	1	E.N.E.	2	18
N.W.	1	N.W.	3	N.W. by N.	3	N.N.W.	4	N.W. by N.	3	N.N.W.	4	19
N.W.	3	N.W. by N.	5	N. by W.	3	N.N.W.	2	N. by W.	3	N. by W.	3	20
N.	1	Calm.	—	E. by S.	1	Calm.	—	E. by S.	1	E.S.E.	1	21
—	—	—	—	—	—	—	—	—	—	—	—	22
N.W.	7	N.W.	6	N.W.	5	N.W. by N.	4	N.W.	4	N.W. by N.	6	23
S.E.	2	S.S.E.	2	S.S.E.	4	S.S.E.	5	S.E. by S.	4	S. by E.	4	24
S.E. by S.	7	S.E. by S.	5	S. by E.	5	S.E.	5	S.S.E.	6	S.S.E.	6	25
Calm.	—	N. by W.	3	N.	2	Calm.	—	S.E.	2	S.E.	3	26
N. by W.	4	N. by W.	4	N. by W.	3	N. by W.	3	N.N.W.	4	N. by W.	3	27
Calm.	—	Calm.	—	N. by W.	1	N.N.W.	2	N. by W.	3	N.W.	2	28
—	—	—	—	—	—	—	—	—	—	—	—	29
N.N.E.	2	N. by W.	1	N. by W.	2	N.	4	N.	4	N.	3	30

NOVEMBER.

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
DECEMBER.	1	N.	3	N.	1	N.	2	N.E.	4	N.E.	4	N.N.E.	4
	2	N.N.W.	6	N.	4	W. by N.	5	N.W.	5	N.W.	6	N.N.W.	6
	3	N. by W.	5	N. by W.	5	N.N.W.	5	N. by W.	5	N.W. by N.	2	N.W. by N.	4
	4	E.S.E.	4	E.S.E.	5	E.S.E.	5	E.S.E.	6	E.S.E.	5	E.S.E.	3
	5	N.W.	1	N.N.W.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	6	N.N.W.	3	N.W.	3	N.W. by W.	3	N.N.W.	3	N. by W.	3	N. by W.	3
	7	—	—	—	—	—	—	—	—	—	—	—	—
	8	N.W. by N.	9	N.N.W.	9	N.N.W.	7	N. by W.	6	N.N.W.	7	N.N.W.	6
	9	N.N.W.	6	N. by W.	6	N.N.W.	6	N.W. by N.	5	N.	6	N.	4
	10	E.	3	E.S.E.	3	E. by S.	1	N.E.	1	S.S.E.	2	N. by W.	4
	11	N.	4	N. by W.	4	N.N.W.	3	N. by W.	4	N.N.W.	3	N.N.W.	2
	12	S.S.E.	4	S.S.E.	4	S. by E.	5	S. by E.	6	S. by E.	7	S. by E.	5
	13	S.S.E.	5	S.S.E.	7	S.S.E.	8	S.S.E.	8	S.S.E.	8	S. by E.	7
	14	—	—	—	—	—	—	—	—	—	—	—	—
	15	S.S.E.	4	S.S.E.	5	S.S.E.	6	S.S.E.	6	S. by E.	6	S. by E.	6
	16	S.S.E.	5	S.S.E.	7	S.S.E.	8	S.S.E.	8	S. by E.	8	S. by E.	8
	17	S.E. by S.	6	S.E. by S.	6	S.E. by S.	6	S.E. by S.	6	S.E. by S.	6	S.S.E.	5
	18	W.S.W.	5	S. by E.	3	S.E.	6	S. by E.	6	S. by E.	5	S.E. by S.	3
	19	S.S.E.	3	S.E. by S.	5	S.S.E.	6	S. by E.	3	S. by E.	2	E.S.E.	1
	20	S.S.E.	5	S.S.E.	6	S. by E.	6	S. by E.	6	S.S.E.	5	S.S.E.	5
	21	—	—	—	—	—	—	—	—	—	—	—	—
	22	N.W.	10	N.W.	10	N.W.	9	N.N.W.	10	N.W.	10	N.W.	9
	23	N.	2	N.	2	N.	3	N.	2	N.	3	N.	2
	24	N.N.W.	2	N.W. by N.	2	N.W. by N.	4	N.W. by N.	5	N.W.	4	N.N.W.	5
	25	—	—	—	—	—	—	—	—	a	—	—	—
	26	N. by W.	3	N.W. by N.	2	N.W. by N.	2	N.N.W.	2	E. by S.	5	S.S.E.	6
	27	N. by W.	3	N.N.W.	5	N.W. by N.	4	N. by W.	5	N.W.	5	N.N.W.	2
	28	—	—	—	—	—	—	—	—	—	—	—	—
	29	N. by W.	8	N.	8	S.S.W.	6	N. by W.	7	N.N.W.	8	N. by W.	7
	30	N.W. by N.	3	N.W. by N.	4	N.N.W.	2	N.N.W.	4	N.W.	3	N.W. by N.	3
	31	N.W. by N.	9	N.N.W.	8	N. by W.	7	N.N.W.	7	N.N.W.	7	N. by W.	5

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
DECEMBER.	1	N.W. by N.	3	N.N.W.	1	N.N.W.	2	N.N.W.	2	N.W.	2	N.W.	1
	2	N.	6	N.	7	N.	7	N. by W.	7	N. by W.	7	N.N.W.	7
	3	N.W. by N.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.	1
	4	S.S.E.	1	S.S.E.	2	S.S.E.	4	N.N.W.	5	N.N.W.	6	N.N.W.	6
	5	N.W.	3	N.W.	7	N.W. by W.	2	S.W.	3	N.W.	5	W. by N.	5
	6	—	—	—	—	—	—	—	—	—	—	—	—
	7	N.W.	3	N.W.	1	N.W.	1	N.W.	1	N.W.	1	N.W.	1
	8	N. by W.	6	N.N.W.	6	N.N.W.	5	N. by W.	7	N.W. by N.	6	N.N.W.	4
	9	N. by W.	4	N. by W.	4	N. by W.	4	N.W. by N.	4	N.W. by N.	4	N.W.	4
	10	N.W.	3	N.W.	1	N.W.	1	N.W.	2	N.W. by N.	4	N. by W.	4
	11	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	12	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	13	—	—	—	—	—	—	—	—	—	—	—	—
	14	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	15	S. by E.	1	S. by E.	1	S. by E.	1	S. by E.	1	S. by E.	1	S. by W.	3
	16	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	17	S.S.E.	1	Calm.	—	Calm.	—	b	4	N.	2	N.	2
	18	S.S.E.	3	S.S.E.	1	S.S.E.	1	S.S.E.	1	Calm.	—	S.S.E.	1
	19	E.S.E.	1	E.S.E.	1	E.S.E.	1	E.S.E.	1	E.S.E.	1	Calm.	—
	20	—	—	—	—	—	—	—	—	—	—	—	—
	21	S.S.E.	1	S.S.E.	1	S.S.E.	1	Calm.	—	Calm.	—	N.N.W.	1
	22	N.	2	N. by E.	2	N. by E.	2	N.	2	N. by E.	3	N. by E.	3
	23	S.S.E.	1	S.S.E.	1	S.S.E.	1	Calm.	—	Calm.	—	N.	3
	24	—	—	—	—	—	—	—	—	a	—	—	—
	25	N. by E.	6	N.N.W.	6	N. by W.	5	N. by W.	3	N.W. by W.	4	N.W. by N.	4
	26	S.S.W.	2	S.S.W.	2	S.S.W.	1	Calm.	—	S.S.W.	1	Calm.	—
	27	—	—	—	—	—	—	—	—	—	—	—	—
	28	N. by W.	10	N. by W.	10	N. by W.	8	N.	7	N.	7	N.	7
	29	N. by W.	3	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	—	N.N.W.	2
	30	N.N.W.	10	N.N.W.	8	N.N.W.	6	N.N.W.	4	N.N.W.	4	N. by W.	5
	31	Calm.	—	N.	2	N. by W.	3	N.	4	N.N.W.	6	N.N.W.	2

* Christmas Day.

b Pencil out of gear.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.N.E.	1	S.S.E.	1	Calm.	—	N.N.W.	3	N.N.W.	1	Calm.	—	1
N.W.	6	N.N.W.	3	N.N.W.	3	N.	5	N. by W.	6	N.	6	2
N.W.	3	N.W. by W.	4	N.W.	4	N.W. by N.	3	E.N.E.	1	N.W. by N.	1	3
E.S.E.	2	E.S.E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	4
Calm.	—	Calm.	—	Calm.	—	N.W.	3	N.W. by N.	2	N.W. by N.	6	5
N.N.W.	4	N.N.W.	2	N.W. by N.	2	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	6
—	—	—	—	—	—	—	—	—	—	—	—	7
N.N.W.	4	N.N.W.	4	N.N.W.	6	N. by W.	6	N.N.W.	6	N. by W.	5	8
N.W.	2	N.W.	2	N. by W.	4	N.	4	N.	4	N. by W.	4	9
W.S.W.	4	W. by S.	2	Calm.	—	W.N.W.	1	N.W. by N.	1	N.W.	3	10
S.S.E.	3	S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	1	11
S.S.E.	6	S.S.E.	3	S.S.E.	3	S.S.E.	2	S.S.E.	2	S.E. by S.	2	12
S. by E.	6	S. by E.	5	S. by E.	4	S. by E.	1	S. by E.	1	Calm.	—	13
—	—	—	—	—	—	—	—	—	—	—	—	14
S. by E.	6	S. by E.	3	S. by E.	2	Calm.	—	Calm.	—	Calm.	—	15
S.S.E.	7	S.S.E.	4	S.S.E.	3	S.S.E.	2	S.S.E.	1	Calm.	—	16
S.S.E.	6	S.S.E.	3	S.S.E.	2	Calm.	—	Calm.	—	Calm.	—	17
N.W. by W.	3	S.E. by S.	2	Calm.	—	Calm.	—	Calm.	—	E.N.E.	1	18
E.S.E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	19
S.E. by S.	4	S.E. by S.	2	S.E.	1	Calm.	—	Calm.	—	N.W. by W.	4	20
—	—	—	—	—	—	—	—	—	—	—	—	21
N.E.	7	N.E.	7	N.E.	7	N.E.	6	N.E. by N.	4	N.	1	22
S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	1	Calm.	—	Calm.	—	23
W.N.W.	2	N.W.	3	N. by W.	4	N.N.W.	4	N. by W.	5	N.N.W.	3	24
—	—	—	—	—	—	—	—	—	—	—	—	25
S.S.E.	6	S.	6	S.	4	S.S.W.	3	S.S.W.	3	S.S.W.	2	26
N.N.W.	1	N.N.W.	2	N.N.W.	3	N.N.W.	1	N.N.W.	1	Calm.	—	27
—	—	—	—	—	—	—	—	—	—	—	—	28
N.W.	6	N.N.W.	5	N.	4	N. by E.	4	N.	3	N. by W.	3	29
N.N.W.	4	N.N.W.	4	N. by W.	2	N. by W.	4	N. by W.	4	N. by W.	7	30
N.	2	N.	1	N.	1	Calm.	—	Calm.	—	Calm.	—	31

DECEMBER.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.W.	1	N.W.	1	N.W.	1	N.	2	N.	3	N.	4	1
N. by W.	7	N. by W.	8	N. by W.	7	N.W.	7	N. by W.	8	N.W. by N.	7	2
N.	2	N.	3	N.	2	N.	2	N.	1	S.E.	3	3
N.N.W.	6	N.N.W.	5	N.N.W.	4	N. by W.	2	N. by W.	1	N. by W.	1	4
N. by W.	5	N.W.	5	N.W. by N.	6	W.N.W.	6	N. by W.	3	N.W. by W.	3	5
—	—	—	—	—	—	—	—	—	—	—	—	6
N.W.	1	N.W.	6	N.W.	8	N.W.	8	N.W.	9	N.W. by N.	10	7
N.N.W.	5	N.W. by N.	5	N. by W.	5	N. by W.	6	N. by W.	5	N.	6	8
N.W.	3	N.W. by N.	2	N.N.W.	4	N.W.	4	N.W. by W.	3	N.	3	9
N. by W.	5	N. by W.	6	N. by W.	6	N.N.W.	5	N. by W.	5	N.	4	10
S.E. by S.	1	S.E. by S.	1	S.E. by S.	1	N. by W.	3	N. by W.	1	S.E. by S.	3	11
Calm.	—	E. by S.	1	E. by S.	1	S.E. by S.	2	S.E. by S.	4	S.E. by S.	4	12
—	—	—	—	—	—	—	—	—	—	—	—	13
N.E. by N.	1	N.E. by N.	2	N.E. by N.	2	N.E. by N.	1	N.E.	1	S.E.	2	14
S. by W.	3	S. by W.	4	S. by W.	3	S. by W.	3	N.	3	N.	3	15
Calm.	—	E. by N.	1	E. by N.	1	E. by N.	1	E.N.E.	2	E.S.E.	2	16
N.	2	S.E. by S.	3	S.E. by S.	4	S.E.	4	S.E.	4	N. by W.	6	17
E. by S.	1	E. by S.	1	E. by S.	1	E.S.E.	1	S.E.	3	S.E.	3	18
Calm.	—	Calm.	—	Calm.	—	S.E.	2	S.S.E.	4	S. by E.	4	19
—	—	—	—	—	—	—	—	—	—	—	—	20
N.N.W.	2	N.N.W.	2	N.N.W.	5	N.W.	7	N.W.	9	N.W.	9	21
N. by E.	3	N. by E.	3	N.	4	N. by E.	4	N.	2	N.	3	22
N. by W.	4	N. by W.	3	N.	4	N.N.W.	4	N.N.W.	4	N.N.W.	3	23
—	—	—	—	—	—	—	—	—	—	—	—	24
N.N.W.	4	N. by W.	4	N. by W.	3	N.N.W.	6	N.N.W.	5	N.N.W.	6	25
W.	1	N.N.W.	3	N. by W.	3	N.N.W.	4	N.N.W.	4	N. by W.	4	26
—	—	—	—	—	—	—	—	—	—	—	—	27
N.N.W.	7	N.W. by N.	8	N.N.W.	8	N.W. by N.	9	N.W. by N.	8	N.	7	28
N.N.W.	2	N.N.W.	1	N.N.W.	3	N. by W.	3	N.	4	N.	5	29
N.W.	5	N.W. by N.	6	N.W. by W.	6	W. by N.	7	N. by W.	7	N.W.	8	30
N.N.W.	4	N.N.W.	6	N.	8	N. by W.	9	N.N.W.	10	N.N.W.	10	31

DECEMBER.

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
JANUARY.	1	N.W. by N.	9	N.W.	10	N.W.	8	N.W.	8	N.W. by W.	6	N.N.W.	6
	2	N.	7	N.W.	7	N. by W.	8	N. by W.	9	N. by W.	8	N. by W.	8
	3	S.W.	3	S.W.	6	W.	6	W.	6	W.S.W.	7	S. by W.	5
	4	—	—	—	—	—	—	—	—	—	—	—	—
	5	N. by W.	5	N. by W.	4	N. by E.	4	N.N.W.	2	S.E. by S.	4	S. by E.	4
	6	S.S.E.	5	S.S.E.	7	S. by E.	8	S.S.E.	8	S. by E.	8	S. by E.	8
	7	S.S.E.	6	S.S.E.	7	S.S.E.	6	S. by E.	7	S. by E.	6	S.	6
	8	N. by E.	4	N. by E.	5	S.S.E.	6	S. by E.	6	S. by E.	5	S. by E.	1
	9	S. by W.	3	S.S.W.	4	S. by W.	5	S.S.W.	5	S.S.W.	6	W. by S.	4
	10	N.N.W.	6	N.W. by N.	4	N.	4	N. by E.	3	N. by W.	3	N.W. by N.	3
	11	—	—	—	—	—	—	—	—	—	—	—	—
	12	S.S.E.	4	S. by E.	7	S. by E.	7	S. by E.	7	S. by E.	8	S.	6
	13	S.S.E.	7	S. by E.	8	S.S.E.	7	S.S.E.	8	S.S.E.	8	S.S.E.	8
	14	S. by E.	6	S. by E.	7	S. by E.	8	S. by E.	7	S. by E.	6	S.	6
	15	S.S.E.	3	S.S.E.	3	S.E. by E.	4	S.E.	6	S.E.	6	S.E.	5
	16	N.W. by W.	5	W.	4	W.N.W.	3	N.N.W.	3	W.	3	W.N.W.	4
	17	N.	4	N.	4	N. by W.	4	N.	4	N. by E.	4	N.	4
	18	—	—	—	—	—	—	—	—	—	—	—	—
	19	N.W. by W.	8	N.W. by W.	7	N.N.W.	7	N.W. by N.	5	N.W. by N.	6	N.W.	5
	20	S.S.W.	6	W.S.W.	7	W.	3	S.W.	2	W.N.W.	4	N.W. by W.	6
	21	W.N.W.	4	W.N.W.	8	W.N.W.	8	N.W. by W.	8	N.W. by W.	8	N.W. by W.	7
	22	S.W. by W.	5	S.W. by S.	5	S. by W.	4	W.	3	W.N.W.	3	S.E. by E.	4
	23	N. by W.	8	N. by W.	8	N. by W.	8	W.N.W.	8	N.W.	7	N.W. by W.	5
	24	N.W. by N.	2	N.	5	N. by W.	5	N.W.	6	N.	6	N. by W.	6
	25	—	—	—	—	—	—	—	—	—	—	—	—
	26	N. by W.	5	N. by W.	6	N.W. by N.	6	S.E.	—	S.E.	2	*	—
	27	N.W.	4	N.W.	4	W.N.W.	4	N.W. by W.	5	N.W. by N.	6	N.W. by N.	5
	28	N.W. by N.	5	N.W. by N.	4	N.W. by N.	3	N.W. by N.	3	N.W. by N.	4	N.W. by N.	3
	29	W.N.W.	4	W.N.W.	4	N.N.W.	4	N.N.W.	3	N.N.W.	1	N.W.	2
	30	N.W. by W.	4	N.N.W.	5	N.W. by W.	3	N.W. by W.	3	N.W.	4	N.W. by W.	6
	31	N. by W.	7	N. by W.	7	N. by W.	8	N.N.W.	8	N.N.W.	7	N. by W.	7

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
JANUARY.	1	N. by W.	3	N. by E.	1	N. by E.	1	N. by E.	1	N. by E.	3	N.N.W.	4
	2	N.N.W.	7	N. by W.	7	N. by W.	7	N.N.W.	8	N. by W.	8	N. by W.	7
	3	—	—	—	—	—	—	—	—	—	—	—	—
	4	N.	4	N. by E.	4	N.	4	N. by W.	3	N.	2	N. by E.	2
	5	Calm.	—	Calm.	—	Calm.	—	S. by E.	1	S. by E.	1	S. by E.	2
	6	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	7	N. by W.	5	N. by W.	5	N. by W.	6	N.	6	N.	6	N.N.W.	5
	8	S.E. by S.	1	S.E. by S.	1	S.E. by S.	2	S.E. by S.	1	S.S.E.	1	S.S.E.	2
	9	N.N.W.	3	N. by W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2
	10	—	—	—	—	—	—	—	—	—	—	—	—
	11	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.	1
	12	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	13	S.	1	S.	2	S.	2	S.	2	S.	2	S.	1
	14	S. by W.	1	Calm.	—	Calm.	—	N.N.W.	2	N.N.W.	1	N.	1
	15	Calm.	—	Calm.	—	S.S.E.	1	S.W. by S.	1	W. by S.	2	W. by S.	1
	16	N.W.	4	N.W.	2	N.W. by W.	3	N.W. by W.	4	N.W.	4	N.W.	4
	17	—	—	—	—	—	—	—	—	—	—	—	—
	18	N.W. by N.	3	N. by W.	3	N.	3	N.	2	N.N.W.	2	N. by W.	4
	19	N. by W.	6	N. by W.	6	N. by E.	2	N.	4	N.	4	N.N.W.	4
	20	W. by N.	7	S.W.	9	S.W. by W.	9	S.W. by W.	9	S.W. by W.	8	W. by S.	—
	21	N.W. by W.	4	N.W. by W.	4	N.W. by W.	4	W.	3	W.N.W.	3	N.N.W.	1
	22	N. by W.	4	N. by W.	2	N. by W.	2	N.W. by N.	3	N.W. by N.	4	N.N.W.	3
	23	N.	8	N. by W.	6	N.N.W.	5	N. by W.	5	N. by W.	5	N. by W.	4
	24	—	—	—	—	—	—	—	—	—	—	—	—
	25	Calm.	—	S.E.	1	S.E.	1	S.E.	1	S.E.	1	N. by W.	6
	26	N.W. by N.	3	N.W. by N.	4	N.N.W.	3	N.W. by N.	1	N.W. by N.	3	N.W. by N.	2
	27	N. by W.	5	N. by W.	4	N. by E.	4	N. by W.	3	N.	3	N.	3
	28	N. by W.	6	N. by W.	6	N.N.W.	5	N.N.W.	6	N.N.W.	6	N.W. by N.	6
	29	S.E. by S.	3	S.E. by S.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	30	N.W.	9	N.W.	9	N.W. by N.	9	N.W. by N.	9	N.W. by N.	9	N.W. by N.	9
	31	—	—	—	—	—	—	—	—	—	—	—	—

* Pencil out of gear.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.N.W.	7	N.W. by N.	5	N.W. by N.	5	N.W. by N.	4	N. by W.	3	N. by W.	3	1
N.	8	N.	6	N. by W.	6	N.	8	N. by W.	8	N. by W.	7	2
S.S.W.	3	S.S.W.	2	W. by S.	2	N.N.W.	6	N.N.W.	5	N.N.W.	5	3
—	—	—	—	—	—	—	—	—	—	—	—	4
S.E. by S.	4	S.E. by S.	5	S.S.E.	4	S.S.E.	3	S.S.E.	1	Calm.	—	5
S. by E.	7	S. by E.	5	S. by E.	2	S. by E.	2	Calm.	—	Calm.	—	6
S. by W.	5	S.W.	4	S.W.	3	S.W.	2	N.N.W.	3	N.N.W.	4	7
S. by E.	3	S.S.E.	2	S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	1	8
S.W. by S.	2	S.W. by W.	3	W.N.W.	1	W.N.W.	1	W.N.W.	2	N.W. by N.	3	9
S.	2	S.	1	S.	1	Calm.	—	Calm.	—	N.W. by N.	2	10
—	—	—	—	—	—	—	—	—	—	—	—	11
N.	4	S.	4	N.	3	S.	2	S.	1	S.	1	12
S. by E.	7	S.S.E.	7	S.	6	S.	4	S.	3	S.	1	13
S.	6	S.	5	S.	4	S.	1	Calm.	—	Calm.	—	14
S.E.	4	S.E.	4	S.E. by S.	3	Calm.	—	S.E. by S.	1	Calm.	—	15
N.W. by W.	4	N.W. by W.	4	N.W. by W.	5	W. by N.	4	N.W.	6	N. by W.	5	16
N. by W.	4	N. by E.	4	N. by E.	2	N.	2	N. by E.	4	N.N.E.	6	17
—	—	—	—	—	—	—	—	—	—	—	—	18
N.N.W.	5	N.N.W.	3	N. by W.	3	N. W.	1	N. by W.	3	N. by W.	5	19
N.W. by N.	5	N.W. by N.	5	N.W. by N.	2	N.W. by N.	6	N.W. by N.	8	N.W.	8	20
N.W. by W.	7	N.N.W.	6	N.W. by W.	7	N.W. by W.	2	N.W. by W.	4	N.W. by W.	4	21
S.E. by E.	3	S.E. by E.	2	S.E. by E.	1	S.E. by E.	4	N. by W.	4	N.N.W.	5	22
N.W. by W.	5	N.W. by W.	4	N.W. by W.	5	N. by W.	5	N.W. by N.	7	N.N.W.	8	23
N.N.W.	5	W.N.W.	4	N.W.	6	N.W.	7	N.W. by W.	6	N.W.	7	24
—	—	—	—	—	—	—	—	—	—	—	—	25
W.	4	N.W.	4	N.W.	4	N.W. by N.	4	N.W. by N.	4	N.W. by N.	1	26
N.W. by N.	4	N.W. by N.	4	N.N.W.	4	N.W. by N.	5	N.W. by N.	4	N. by W.	4	27
N. by W.	3	N. by W.	4	N. by W.	6	N. by W.	6	N.N.W.	6	N. by W.	6	28
E.S.E.	3	S.E.	3	S.E.	3	S.E. by S.	3	S.E. by S.	2	S.E. by S.	3	29
N.W.	4	N.N.W.	4	N.W. by N.	6	N.W. by N.	8	N.W. by N.	9	N.W. by N.	9	30
N.N.W.	6	N.W.	3	N.W.	2	N.W. by W.	2	N.W. by W.	2	N.N.W.	5	31

JANUARY.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.N.W.	4	N. W. by N.	3	N.N.W.	4	N.W. by W.	3	N.W. by N.	6	N.W.	7	1
N.	8	N.N.W.	8	N.N.W.	8	N.	7	E. by S.	2	N.E.	1	2
—	—	—	—	—	—	—	—	—	—	—	—	3
N.	4	N.	5	N.	6	N.	6	N.	6	N.	6	4
S. by E.	4	S.S.E.	6	S.S.E.	6	S.E. by S.	6	S.E. by S.	5	S.E. by S.	4	5
N.W. by N.	1	N.	3	N. by E.	4	N. by E.	4	N. by E.	4	N. by E.	2	6
N. by W.	6	N. by W.	6	N.	6	N.	6	N.	3	N.	2	7
S.	3	S.	3	S. by E.	3	S.E. by S.	3	N.E. by N.	1	S. by E.	3	8
N.N.W.	3	N. by W.	4	N. by W.	4	N.	5	N.W. by N.	4	N.	5	9
—	—	—	—	—	—	—	—	—	—	—	—	10
N.	1	N.	1	E.S.E.	1	S.E. by E.	1	S.E. by S.	3	S.S.E.	3	11
Calm.	—	Calm.	—	Calm.	—	S.S.E.	7	S.S.E.	6	S.S.E.	6	12
W.	1	W.	3	N.W. by N.	2	N.W. by N.	1	S.E.	4	S. by E.	5	13
N.	3	N.	3	N.	3	N.	2	S.S.E.	3	W.N.W.	4	14
W. by N.	1	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N.W.	4	N.W. by N.	3	15
N. by W.	3	N. by W.	5	N.	5	N.N.W.	5	N. by E.	5	N. by W.	4	16
—	—	—	—	—	—	—	—	—	—	—	—	17
N.N.W.	6	N.N.W.	8	N.W. by N.	8	N.W. by N.	8	N.W. by N.	8	N.W.	8	18
S.	5	N.	6	N.	5	N.W.	2	S. by E.	6	W.	6	19
S.S.W.	8	S.W. by S.	—	S.S.W.	3	N.N.E.	2	W.N.W.	3	W.N.W.	4	20
N. by W.	2	N.W.	3	W.	2	W. by S.	4	W.S.W.	2	S.W. by S.	3	21
N.W. by N.	5	N.W. by N.	6	N. by W.	7	N.N.W.	7	N.W. by N.	8	N. by W.	8	22
N. by W.	4	N. by W.	4	N. by W.	4	N.N.W.	3	N.N.W.	2	N. by W.	4	23
—	—	—	—	—	—	—	—	—	—	—	—	24
N.N.W.	6	N. by W.	5	N. by W.	7	N.N.W.	6	N. by W.	6	N.W.	6	25
N.W. by N.	2	N. by W.	2	N.N.W.	3	N.N.W.	4	N.N.W.	5	N.N.W.	5	26
N. by E.	3	N. by E.	3	N. by E.	3	N.	4	N. by W.	4	N.N.W.	4	27
N.W.	6	N.W. by N.	5	N. by W.	5	N. by W.	4	W.N.W.	4	N.W.	4	28
Calm.	—	Calm.	—	S.E. by S.	1	N. by E.	3	N.N.W.	3	N.N.W.	3	29
N.W. by N.	8	N. by E.	7	N.N.W.	6	N. by W.	6	N. by W.	7	N. by W.	7	30
—	—	—	—	—	—	—	—	—	—	—	—	31

JANUARY.

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
FEBRUARY.	1	—	—	—	—	—	—	—	—	—	—	—	
	2	E.	1	N.W. by N.	4	N.W.	5	N.W.	4	N.N.W.	3	N. by W.	4
	3	Calm.	—	N.N.W.	3	Calm.	—	Calm.	—	Calm.	—	N.	1
	4	N.N.W.	5	N.N.W.	3	N.N.W.	5	N.N.W.	6	N.N.W.	4	N.N.W.	4
	5	N.W. by N.	3	N.N.W.	4	N.N.W.	6	N.W. by N.	6	N.N.W.	5	N. by W.	6
	6	N.N.W.	8	N.N.W.	7	N.N.W.	6	N.N.W.	6	N.N.W.	7	N.N.W.	8
	7	S.E. by S.	2	N.E.	1	N.W. by N.	3	N.W. by N.	3	N.	3	N.	3
	8	—	—	—	—	—	—	—	—	—	—	—	—
	9	N.	5	N.	3	N.	2	N.	2	S.E.	3	S.E.	3
	10	N. by W.	2	S.E. by E.	3	S.E. by E.	2	S.E. by E.	1	N.W.	1	N.W.	1
	11	N.W.	5	W.	6	W.	7	N.E.	7	S.W.	7	W.S.W.	7
	12	N.W.	3	N.W.	4	N.W.	4	N.W. by W.	5	N.W. by W.	4	N.W. by W.	4
	13	N.N.W.	2	W. by S.	2	N.W.	1	N.W.	2	N.W.	2	N.W.	2
	14	N. by W.	3	N.N.W.	3	N.W.	4	N.N.W.	5	S.W.	2	N.N.W.	3
	15	—	—	—	—	—	—	—	—	—	—	—	—
	16	N.N.W.	6	N.N.W.	6	N.N.W.	5	N.W. by N.	5	N.W.	4	N.W.	4
	17	N.W.	6	N.N.W.	6	N.N.W.	6	W. by N.	3	N.W. by W.	4	W.	5
	18	N.	2	S.E. by E.	4	S.E. by E.	5	S.E. by E.	6	S.E. by E.	5	S.E. by E.	4
	19	E.S.E.	3	E.S.E.	3	S.S.E.	4	S.S.E.	5	S.S.E.	5	S.S.E.	3
	20	N.W. by N.	6	N.W. by N.	5	N.W. by N.	4	N.W. by N.	3	N.W. by N.	3	N.W. by N.	4
	21	N. by W.	9	N.W. by N.	8	N.W. by N.	8	N.N.W.	8	N.N.W.	8	N.N.W.	8
	22	—	—	—	—	—	—	—	—	—	—	—	—
	23	N. by W.	4	N.W. by N.	6	N.W. by N.	5	N.W. by N.	7	N.W. by N.	7	N.W. by N.	7
	24	N.	5	N	5	N. by W.	6	N.	5	N.	6	N.	5
	25	N.	2	N.W. by N.	3	N.W.	5	N.N.W.	5	N.N.W.	4	N.N.W.	4
	26	W.N.W.	8	W.N.W.	8	W.S.W.	4	N.W.	4	W.N.W.	4	W.N.W.	6
	27	N.W.	3	N. by W.	3	N.N.W.	2	N.W. by W.	3	N.W. by N.	2	N.N.W.	2
	28	N.	5	N. by W.	3	N. by W.	4	N. by W.	5	N.	3	N. by W.	5

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
FEBRUARY.	1	N.	3	N.	4	N.	5	N.	5	N. by W.	5	N.W. by N.	4
	2	N.W.	2	N.W.	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	3	N.W.	2	N.W.	1	Calm.	—	N.	2	N.	3	N.	3
	4	N.N.W.	1	N. by W.	1	N.	2	N.	1	N.	1	N.	1
	5	N.N.W.	6	N.N.W.	4	N.N.W.	3	N.N.W.	2	N.N.W.	2	N.N.W.	3
	6	N.N.W.	5	N.N.W.	4	N.N.W.	3	N. by W.	1	N. by W.	1	N. by W.	1
	7	—	—	—	—	—	—	—	—	—	—	—	—
	8	N.N.W.	5	N.N.W.	4	N.N.W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	4
	9	N.N.E.	3	N. by W.	4	N. by W.	5	N. by W.	6	N. by W.	4	Calm.	—
	10	N.E.	3	a	—	a	—	a	—	W.	4	a	—
	11	W.	5	W. by N.	4	W.N.W.	2	W.N.W.	3	W.N.W.	2	N.W.	3
	12	S. by E.	3	S.W. by S.	5	S. by W.	4	S.S.E.	2	S.W. by S.	1	S.S.W.	3
	13	N. by W.	4	N. by W.	5	N.	5	N. by W.	4	N. by W.	4	N.N.W.	4
	14	—	—	—	—	—	—	—	—	—	—	—	—
	15	N.N.W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	2	N.N.W.	3	N.N.W.	3
	16	N.N.W.	4	N.N.W.	4	N.N.W.	5	N.N.W.	6	N.N.W.	6	N.N.W.	4
	17	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N. by E.	1	N. by E.	2
	18	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	S.E.	1
	19	Calm.	—	Calm.	—	Calm.	—	N.N.W.	3	N.W. by N.	4	N.W. by N.	4
	20	N.N.W.	4	N. by W.	4	N. by W.	3	N. by W.	2	N. by W.	2	N. by W.	2
	21	—	—	—	—	—	—	—	—	—	—	—	—
	22	N.N.W.	6	N.N.W.	5	N.N.W.	4	N.N.W.	3	N.N.W.	4	N.N.W.	4
	23	N. by W.	3	N. by W.	3	N.N.W.	4	N.N.W.	4	N.N.W.	4	N.N.W.	3
	24	N.W. by N.	3	N.W. by N.	4	N.	5	N.	5	N. by W.	6	N. by W.	4
	25	N.W. by N.	5	N.E. by N.	3	N. by E.	4	N.	2	N.N.W.	3	N. by W.	4
	26	Calm.	—	N. by W.	4	N. by W.	3	N.N.W.	3	N.W. by N.	3	N.N.W.	4
	27	N. by W.	4	N.	4	N.	4	N.	5	N.N.W.	6	N. by W.	6
	28	—	—	—	—	—	—	—	—	—	—	—	—

* Pencil thrown out of gear.

DIRECTION AND FORCE OF THE WIND.

6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
—	—	—	—	—	—	—	—	—	—	—	—	1
N.N.W.	5	N.N.W.	5	N.N.W.	4	N.N.W.	2	N.N.W.	2	N.W.	2	2
N.	4	N.	6	N.	4	N.N.W.	3	N.N.W.	2	N.N.W.	2	3
N.N.W.	3	N.N.W.	4	N.N.W.	4	N.N.W.	5	N.N.W.	4	N.N.W.	4	4
N. by W.	4	N.	5	N.N.W.	6	N.N.W.	5	N.	6	N.N.W.	8	5
N.N.W.	8	N.N.W.	8	N.N.W.	8	N. by W.	6	N.	5	N.N.W.	5	6
N. by E.	4	N.W.	2	N.W.	3	N.W. by N.	2	N.W. by N.	2	N.W. by N.	1	7
—	—	—	—	—	—	—	—	—	—	—	—	8
E.N.E.	2	E.N.E.	1	E.N.E.	1	Calm.	—	Calm.	—	N.E. by E.	1	9
N.W.	1	S.W.	11	S.	11	N.N.E.	3	N.N.W.	3	N.E.	3	10
W.S.W.	7	W.	8	W. by S.	8	S.S.W.	7	S.S.W.	7	W.S.W.	6	11
N. by W.	3	N.W. by N.	4	N. by W.	4	N. by E.	1	E.N.E.	1	E.N.E.	3	12
N.	2	N.	1	N.	5	N.	3	N.	4	N. by W.	4	13
N.N.W.	4	N.W.	3	N.N.W.	2	N.N.W.	4	N.N.W.	4	N.N.W.	4	14
—	—	—	—	—	—	—	—	—	—	—	—	15
N.W.	2	N.W.	2	N.W.	2	N.W.	2	N.W.	3	N.N.W.	4	16
W. by S.	5	W.	6	W.	1	W. by N.	2	W. by N.	1	Calm.	—	17
S.E. by S.	3	S.E. by S.	3	S.E. by S.	1	Calm.	—	Calm.	—	Calm.	—	18
S.S.E.	3	S.S.E.	2	S.S.E.	2	S.S.E.	1	Calm.	—	Calm.	—	19
N.W. by N.	5	W.N.W.	7	W.N.W.	6	N.N.W.	5	N.N.W.	5	N.W.	4	20
N.N.W.	8	N. by W.	5	N. by W.	3	N.N.W.	2	N. by W.	5	N. by W.	8	21
—	—	—	—	—	—	—	—	—	—	—	—	22
N.W. by N.	6	N. by W.	5	N. by W.	5	N. by W.	5	N. by W.	3	N. by W.	5	23
N.N.W.	4	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	N.W. by N.	3	N.W. by N.	3	24
N.N.W.	3	N.N.W.	3	N.N.W.	3	N.W. by N.	4	N.W. by N.	5	N.W. by N.	4	25
N.W.	5	N.N.W.	7	N.N.W.	6	N.W. by N.	5	N.W. by N.	2	Calm.	—	26
N.N.W.	2	N. by W.	2	N.W. by N.	2	N.N.W.	2	N.N.W.	3	N.	5	27
N. by W.	4	N. by W.	2	N. by W.	1	N. by W.	1	N. by W.	3	N. by W.	4	28

FEBRUARY.

18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.W. by N.	4	N.N.W.	4	N. by W.	2	N. by W.	2	N.N.W.	1	N.N.W.	1	1
Calm.	—	N.W.	1	N.W.	1	Calm.	—	Calm.	—	Calm.	—	2
N.	3	N.N.W.	4	N.	5	N.	6	N.	8	N.N.W.	7	3
N.	1	N.	3	N.	4	N.N.W.	2	N.N.W.	4	N. by W.	4	4
N.N.W.	3	N.N.W.	4	N.	5	N. by W.	6	N.N.W.	6	N.N.W.	7	5
N. by W.	1	Calm.	—	Calm.	—	S.S.E.	1	S.E.	1	S.E. by S.	3	6
—	—	—	—	—	—	—	—	—	—	—	—	7
N.N.W.	4	N.N.W.	3	N.N.W.	3	N.N.W.	3	N. by W.	4	N. by W.	4	8
N. by W.	3	N. by W.	4	N. by W.	4	N. by W.	3	N. by W.	2	N. by W.	2	9
W. by S.	6	W.	7	N.N.W.	3	N.W.	5	N.W.	6	N.N.W.	5	10
N.W.	4	W.S.W.	5	W.N.W.	5	W.N.W.	4	N.W.	2	N.W.	2	11
E.S.E.	1	N.W. by W.	3	N.W. by N.	3	N.N.W.	3	N.N.W.	3	W.N.W.	3	12
N. by W.	4	N.N.W.	5	N.N.W.	5	N.N.W.	5	N. by W.	6	N. by W.	4	13
—	—	—	—	—	—	—	—	—	—	—	—	14
N.N.W.	4	N. by W.	3	N.W.	4	N.W.	5	N.W.	5	N.N.W.	5	15
N.W. by N.	5	N.N.W.	5	N.N.W.	5	N.N.W.	5	N.N.W.	5	N.W.	5	16
N. by E.	2	N. by E.	2	N. by E.	2	N. by E.	3	N.	2	N.	2	17
S.S.E.	1	N.	2	N.W. by N.	3	N.N.W.	2	N.N.W.	2	N.N.W.	2	18
N.W. by N.	5	N.W. by N.	6	N.W. by N.	5	N.W. by N.	5	N.W. by N.	4	N.W. by N.	4	19
N. by W.	2	N. by W.	2	N. by W.	2	N.	3	N.	3	N.	7	20
—	—	—	—	—	—	—	—	—	—	—	—	21
N.N.W.	4	N. by W.	4	N. by W.	4	N. by W.	5	N. by W.	4	N. by W.	4	22
N.N.W.	4	N.N.W.	3	N.N.W.	3	N. by W.	7	N. by W.	6	N.	5	23
N.	5	N. by W.	6	N.	6	N. by W.	7	N.	3	N.	3	24
N.N.W.	4	N.	5	N. by W.	7	N.N.W.	8	N.W.	8	W.N.W.	7	25
N.N.W.	4	N.N.W.	3	N. by W.	2	N.W. by N.	3	N.W. by N.	3	W. by S.	4	26
N. by W.	6	N. by W.	6	N. by W.	6	N.	5	N.	2	N.	3	27
—	—	—	—	—	—	—	—	—	—	—	—	28

FEBRUARY.

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
MARCH	1	—	—	—	—	—	—	—	—	—	—	—	
	2	N. by W.	7	N.	7	N.	7	N. by W.	7	N.	7	N. by W.	5
	3	N.W. by N.	2	S.S.E.	4	S. by E.	5	S. by E.	5	S.S.E.	5	S.S.E.	3
	4	N.W.	6	N.W.	7	S.S.E.	6	S.S.E.	6	S.S.E.	6	S.S.E.	6
	5	S.E. by E.	2	N.	6	N. by W.	8	N. by W.	8	N. by W.	6	N. by W.	5
	6	W.	2	W.S.W.	3	S.W.	4	N.W.	3	S.W.	3	S.W.	3
	7	N.	6	N. by E.	7	N. by E.	7	N. by E.	6	N. by E.	6	N. by E.	7
	8	—	—	—	—	—	—	—	—	—	—	—	—
	9	S.S.E.	3	S.S.E.	5	S.S.E.	5	S.	6	S. by W.	6	S.	5
	10	S.S.E.	3	S.S.E.	3	S. by E.	5	S. by E.	5	S.	4	S.	3
	11	E.S.E.	3	S.E. by E.	3	S.E. by E.	3	S.	5	S.	4	S.	4
	12	S.S.E.	2	W. by N.	3	W.	3	S.	4	S.	3	S.	3
	13	N.W. by N.	1	N.N.W.	2	N.N.W.	3	N.	4	N.	5	N. by W.	7
	14	N.N.W.	5	N.N.E.	7	N.N.W.	9	N.W. by N.	5	N.W. by N.	4	N.W. by N.	2
	15	—	—	—	—	—	—	—	—	—	—	—	—
	16	N.W. by N.	1	N.N.W.	2	N. by W.	3	E.S.E.	4	E.S.E.	4	E.N.E.	3
	17	N. by E.	4	N. by W.	6	N.	5	N.	4	N.E.	4	N.	5
	18	N.W. by N.	1	N.N.E.	3	N. by E.	3	N.	1	N.	1	Calm.	—
	19	N.W.	2	N.W.	1	N.W.	1	N.W.	1	N.W.	1	N.W.	1
	20	N.N.W.	7	N.N.W.	7	N.W.	7	N.W.	6	N.W.	7	N.W.	7
	21	N.W.	5	N.W.	5	N.W.	6	W.N.W.	6	W.N.W.	4	W.N.W.	3
	22	—	—	—	—	—	—	—	—	—	—	—	—
	23	N.W. by N.	1	S.E. by S.	1	E.	1	N.W.	1	Calm.	—	N.W.	1
	24	S.W.	9	S.	8	S.S.W.	10	S.S.W.	9	S.	7	S.W.	4
	25	N.E.	1	N.E. by E.	2	E.N.E.	3	E. by N.	3	E.	3	E.	2
	26	N.N.W.	4	N.N.W.	4	N.N.W.	2	N.N.W.	2	N.N.W.	1	Calm.	—
	27	N.W. by W.	5	N.W.	5	W.N.W.	5	W.N.W.	4	W.N.W.	3	W.N.W.	4
	28	N.N.W.	4	N.N.W.	6	N.W. by N.	5	N.N.W.	6	N.W. by N.	3	N.W. by W.	4
	29	—	—	—	—	—	—	—	—	—	—	—	—
	30	N. by E.	2	N. by W.	3	N.W. by N.	4	N.W.	4	N.W.	4	N.N.W.	4
	31	W.N.W.	3	S.W. by S.	2	S.W.	4	S.S.E.	5	S.S.W.	6	S.S.E.	3

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
MARCH	1	N.W. by N.	2	N.W. by N.	1	N.W. by N.	1	Calm.	—	Calm.	—	Calm.	—
	2	N.N.W.	3	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2
	3	N.N.W.	5	N.N.W.	7	N.N.W.	7	N.N.W.	7	N.	6	N.	6
	4	Calm.	—	N. by E.	2	N.N.E.	2	N.	3	N.	4	N. by W.	3
	5	N.	6	N. by W.	6	N.N.W.	6	N.N.W.	6	N.N.W.	5	N. by W.	1
	6	N. by W.	4	N. by E.	1	N. by E.	3	N. by E.	2	N. by E.	1	N. by E.	3
	7	—	—	—	—	—	—	—	—	—	—	—	—
	8	N. by W.	6	N. by W.	7	N. by W.	7	N. by W.	7	N. by W.	6	N. by W.	6
	9	Calm.	—	Calm.	—	Calm.	—	S.	3	S.	3	Calm.	—
	10	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.E. by E.	1	N.E. by E.	1
	11	Calm.	—	N.	1	N.	1	N.	2	N.	2	N. by E.	1
	12	Calm.	—	Calm.	—	N.E.	1	N.N.E.	3	N. by E.	3	N.	3
	13	N.N.W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	4	N.W. by N.	5	N.W. by N.	5
	14	—	—	—	—	—	—	—	—	—	—	—	—
	15	Calm.	—	Calm.	—	N.W.	1	N.W.	1	N.W.	2	N.W.	1
	16	E.N.E.	1	E.N.E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	17	N.N.W.	1	N.N.W.	1	Calm.	—	Calm.	—	Calm.	—	N.N.W.	1
	18	N.	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.N.W.	2
	19	N.W.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	20	N.W.	8	W.N.W.	6	Calm.	—	W.	2	S.W.	5	W. by N.	4
	21	—	—	—	—	—	—	—	—	—	—	—	—
	22	N. by W.	3	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	N.W. by N.	1	N.W. by N.	1
	23	N.W.	6	W.N.W.	7	N.W. by W.	7	N.W. by W.	7	N.W. by W.	7	N.W.	7
	24	S.	2	S.S.E.	1	Calm.	—	Calm.	—	E. by S.	1	E. by S.	1
	25	N.N.E.	1	N. by W.	2	N. by W.	2	N. by W.	2	W.N.W.	3	W.N.W.	3
	26	N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	2	N.N.W.	2	Calm.	—
	27	N. by W.	3	N.W. by W.	5	N.N.W.	5	N.N.W.	5	N. by W.	4	N. by W.	4
	28	—	—	—	—	—	—	—	—	—	—	—	—
	29	N.	4	N.W. by N.	3	N.W. by N.	3	N.N.W.	4	N. by W.	5	N.N.W.	6
	30	N.N.W.	3	N.N.W.	4	N.N.W.	3	N.N.W.	2	N.N.W.	1	N.N.W.	2
	31	S.W. by S.	2	S.S.W.	3	S.S.W.	2	S.S.W.	1	S.S.W.	2	S.S.W.	1

DIRECTION AND FORCE OF THE WIND.

6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
—	—	—	—	—	—	—	—	—	—	—	—	1
N.N.W.	5	N. by W.	5	N. by W.	5	N. by W.	4	N.N.W.	4	N.N.W.	3	2
S.S.E.	2	Calm.	—	Calm.	—	Calm.	—	N.E.	1	N. by W.	3	3
S.S.E.	5	S. by E.	2	S.S.E.	4	S.S.E.	3	Calm.	—	Calm.	—	4
N. by W.	5	N.N.W.	6	N. by W.	6	N. by W.	6	N. by W.	6	N. by W.	6	5
N.W.	3	N.W.	3	N.W.	4	N.W.	2	N.W.	2	N. by W.	3	6
N. by E.	8	N.N.E.	7	N. by E.	7	N. by E.	6	N.	6	N. by E.	6	7
—	—	—	—	—	—	—	—	—	—	—	—	8
S.	4	S. by W.	2	S. by W.	1	S.	1	Calm.	—	Calm.	—	9
S.	2	S.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	10
S.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	11
S. by E.	2	S. by E.	1	Calm.	—	S. by E.	2	S. by E.	1	S. by E.	1	12
N. by W.	7	N. by W.	6	N. by W.	3	N.	3	N. by W.	4	N.N.W.	3	13
N.W. by N.	3	N.W. by N.	2	N.W. by N.	2	N.N.W.	3	N.N.W.	4	N.N.W.	3	14
—	—	—	—	—	—	—	—	—	—	—	—	15
E.N.E.	2	Calm.	—	Calm.	—	E.N.E.	1	E.N.E.	1	E.N.E.	1	16
N. by E.	5	N.	3	N.	2	N.N.W.	2	N.N.W.	3	N.N.W.	2	17
Calm.	—	N. by E.	2	N. by E.	2	N.N.E.	1	N.N.E.	3	N.	4	18
N.W.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	19
N.W.	6	N.W. by N.	4	N. by E.	3	N.N.W.	3	N.W. by N.	7	N.W. by N.	8	20
W.N.W.	4	N.W. by W.	4	N.W.	3	N.W.	3	N.W.	3	W.N.W.	3	21
—	—	—	—	—	—	—	—	—	—	—	—	22
N.W.	1	W.S.W.	2	W. by N.	4	N.W.	4	N.W.	3	N.W.	4	23
W.	5	S.S.W.	6	W.	4	W.S.W.	5	S.W.	3	S.	2	24
E.	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.E. by N.	1	25
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	26
W.N.W.	3	N.W.	3	W.N.W.	2	N.W.	1	N.N.W.	2	N. by W.	2	27
N.W.	3	N.W. by N.	4	N.W. by N.	4	N.W. by N.	5	N.W. by N.	5	N.W. by N.	5	28
—	—	—	—	—	—	—	—	—	—	—	—	29
N.N.W.	3	N.W. by N.	4	N.W. by N.	2	N.N.W.	4	N.N.W.	3	N.N.W.	3	30
S.S.E.	2	S.S.E.	1	S.W. by S.	1	S.S.E.	1	S.S.W.	4	S.W.	4	31

MARCH.

18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.W. by N.	1	N.N.W.	2	N.	4	N. by W.	5	N. by E.	6	N. by W.	7	1
N.N.W.	1	N.N.W.	1	N.N.W.	1	Calm.	—	N.W. by N.	2	N.W. by N.	2	2
N. by W.	6	N.	6	N.	5	N.	6	N.W.	6	N. by W.	6	3
N. by W.	3	N. by W.	5	N. by W.	3	N.	2	S.E.	2	S.E. by E.	1	4
N. by W.	1	N. by W.	3	N. by W.	2	N. by W.	3	N. by W.	2	N.	3	5
N. by E.	5	N. by E.	6	N.N.E.	6	N.	4	N.N.W.	5	N.	6	6
—	—	—	—	—	—	—	—	—	—	—	—	7
N. by W.	6	N. by E.	6	N. by E.	5	N. by E.	5	N.N.E.	3	N. by E.	3	8
Calm.	—	N.	1	N.	1	N.	1	E. by S.	1	S.E.	2	9
N.E. by E.	2	Calm.	—	N.E. by E.	1	S.E. by E.	3	N.E. by E.	2	N.E. by E.	2	10
N. by E.	2	N. by E.	3	N. by E.	4	N. by E.	2	N. by E.	1	N. by E.	1	11
N.	3	N. by E.	3	N. by E.	3	N. by E.	2	N. by W.	1	N.W. by N.	1	12
N.N.W.	5	N. by W.	4	N.N.W.	5	N.N.W.	2	N.N.W.	2	N.N.W.	7	13
—	—	—	—	—	—	—	—	—	—	—	—	14
N.W.	1	N.W.	1	N.W.	1	N.W.	2	N.W. by N.	2	N.W. by N.	2	15
Calm.	—	Calm.	—	Calm.	—	N.E. by E.	2	N.	3	N.	2	16
N.N.W.	2	N.N.W.	1	N.N.W.	1	Calm.	—	Calm.	—	Calm.	—	17
N.W. by N.	4	N.W.	2	N.W.	1	N.W.	4	N.W.	4	N.W.	2	18
N.W.	1	N. by W.	4	N.N.W.	6	N.N.W.	7	N.W.	7	N.N.W.	8	19
W. by N.	3	S.W. by S.	2	W.S.W.	1	W.N.W.	3	W.N.W.	2	W. by N.	2	20
—	—	—	—	—	—	—	—	—	—	—	—	21
N.W. by N.	1	N.W. by N.	1	W.N.W.	3	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	22
N.W.	6	N.W.	6	W.N.W.	6	W. by N.	7	W. by N.	8	W.S.W.	7	23
E. by S.	1	E. by S.	1	S.W.	1	S.S.E.	2	S.S.E.	1	S.S.E.	2	24
W.	2	N.W.	3	N.W.	3	N.W.	3	N.N.W.	4	N.N.W.	4	25
Calm.	—	N.E. by N.	2	N.W. by N.	1	N.N.W.	2	N.N.W.	3	N.W.	5	26
N.N.W.	5	N.N.W.	5	N.W.	3	N.W.	3	N.W. by N.	5	N.W. by N.	5	27
—	—	—	—	—	—	—	—	—	—	—	—	28
N. by W.	6	N. by W.	4	N. by W.	4	N. by W.	3	N. by W.	2	N. by E.	2	29
N.N.W.	2	N.N.W.	2	N.N.W.	2	N. by W.	3	W.N.W.	4	W.N.W.	3	30
S.S.W.	1	S.S.W.	1	S.S.W.	1	S.W. by S.	2	S.	3	S.W. by S.	3	31

MARCH.

DIRECTION AND FORCE OF THE WIND.												
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .	
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	S. by W.	1	S. by W.	1	S.W. by W.	1	S.S.W.	2	S. by E.	2	S.S.W.	2
2	S.E. by S.	4	S.E. by S.	3	S.E. by S.	3	S.E. by S.	3	S.E.	1	S.E.	1
3	N.W. by N.	1	E. by S.	3	S.E. by S.	3	S.E. by E.	3	S.E. by S.	5	S.E.	3
4	N.N.W.	4	N.W.	4	N.W.	3	N.W.	3	N.W. by N.	2	N.W.	4
5	—	—	—	—	—	—	—	—	—	—	—	—
6	W. by N.	5	N.W. by N.	6	N.W. by N.	7	N.W. by W.	7	N.W. by W.	7	N.N.W.	6
7	N.W.	4	W.N.W.	5	N.W.	5	N.W.	5	N.W. by W.	4	W.N.W.	4
8	N.N.W.	3	N.N.W.	3	N.N.W.	3	S.E.	3	S.E. by E.	4	S.E. by E.	2
9	N.W. by W.	3	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	N.W. by N.	2	N.W. by N.	2
10	—	—	—	—	—	—	—	—	—	—	—	—
11	N.N.W.	5	W.N.W.	6	W.N.W.	7	W.N.W.	7	W.N.W.	6	W.N.W.	3
12	—	—	—	—	—	—	—	—	—	—	—	—
13	N.W.	7	N.W. by W.	7	W. by N.	7	N.W.	6	N.W.	7	N.W.	7
14	N.W.	5	N.W.	6	N.W. by W.	6	W.N.W.	6	W.N.W.	6	W. by N.	6
15	W.N.W.	9	W.N.W.	10	W.N.W.	10	W.N.W.	8	W.N.W.	8	W. by N.	7
16	W.N.W.	5	N.W. by W.	4	W.N.W.	5	W.N.W.	5	N.W. by W.	3	W.N.W.	4
17	N.W. by W.	7	W. by N.	6	W. by N.	5	W. by N.	5	W. by N.	3	W. by N.	1
18	W.N.W.	4	N.W.	5	N.W.	3	N.W.	4	N.W. by W.	1	N.W. by W.	3
19	—	—	—	—	—	—	—	—	—	—	—	—
20	S.S.W.	2	S.W.	3	S.	3	W.S.W.	3	S.S.W.	2	S.W. by S.	1
21	N.W. by N.	2	N.W. by N.	4	S.E.	2	S.E.	2	S.E.	1	Calm.	—
22	W.N.W.	2	N.N.W.	2	E.S.E.	2	S.E. by E.	2	S.E. by E.	2	S.E. by E.	2
23	N.N.W.	3	N.N.W.	2	N.N.W.	2	S.E.	3	S.E.	4	S.E.	4
24	N.N.W.	2	N.N.W.	2	N.W. by N.	2	N.W. by N.	2	S.S.E.	2	S.S.E.	2
25	Calm.	—	Calm.	—	N. by E.	2	N. by E.	2	N. by E.	1	Calm.	—
26	—	—	—	—	—	—	—	—	—	—	—	—
27	N.N.E.	2	N.	2	Calm.	—	N.	1	N. by E.	1	N. by E.	1
28	S.E. by S.	3	S.E. by S.	3	S.E. by S.	2	S.E.	5	S. by E.	3	S. by E.	3
29	S.S.E.	5	S.S.W.	6	S.W.	4	S.W.	3	S.W.	3	S.S.E.	1
30	S.E. by E.	3	S.E.	3	S.W. by W.	3	S. by W.	4	S. by W.	1	S.W. by S.	3

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .	
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	N.E.	1	N.E.	1	N.N.E.	2	N.N.E.	2	S.	2	S.	1
2	S.E.	1	Calm.	—	S. by E.	1	S.S.W.	1	S.S.W.	1	Calm.	—
3	N. by E.	1	N. by W.	1	N. by W.	3	N. by W.	4	N.N.W.	6	N.N.W.	6
4	—	—	—	—	—	—	—	—	—	—	—	—
5	N.N.W.	1	N.N.W.	2	N.N.W.	2	N. by W.	3	N.W.	4	N.W. by N.	4
6	N.N.W.	7	N.N.W.	7	N.N.W.	7	N.W. by N.	7	N.W. by W.	7	N.W. by W.	7
7	N.W.	6	N.W. by N.	6	N.W. by N.	6	N.W. by N.	6	N.W. by N.	6	N.W. by N.	5
8	N.W. by W.	2	N.W. by W.	2	N.W. by W.	2	N.W. by W.	2	N.W. by W.	2	W.N.W.	2
9	—	—	—	—	—	—	—	—	—	—	—	—
10	N.N.W.	9	N.N.W.	10	N.N.W.	10	N.N.W.	8	N.N.W.	6	W. by N.	2
11	—	—	—	—	—	—	—	—	—	—	—	—
12	N.W. by N.	4	N.W.	7	N.W.	8	N.W.	7	N.W.	5	N.W.	5
13	N.W.	6	N.W.	6	N.W.	5	N.W. by N.	4	N.W. by W.	4	N.W. by W.	3
14	W.N.W.	7	N.W. by W.	7	N.W. by W.	6	N.W. by W.	5	N.W. by W.	6	W.N.W.	7
15	W. by N.	6	W. by N.	5	W. by N.	5	W. by N.	4	W. by N.	4	W. by N.	5
16	N.W. by W.	6	W.N.W.	7	W.N.W.	7	W.N.W.	5	W.N.W.	6	W.N.W.	3
17	W.N.W.	4	W.N.W.	5	N.W. by W.	5	N.W. by W.	2	Calm.	—	Calm.	—
18	—	—	—	—	—	—	—	—	—	—	—	—
19	N.W. by W.	7	N.W.	6	N.W. by N.	5	N.W. by N.	7	N.W. by N.	5	N.W. by N.	2
20	W.N.W.	3	N.W.	4	N.W.	4	N.W. by W.	4	N.W. by W.	5	N.W. by W.	4
21	N.	3	N. by W.	2	N. by W.	2	N. by W.	1	N. by W.	2	N. by W.	2
22	Calm.	—	E.N.E.	1	N. by E.	2	N.N.E.	2	N.N.W.	3	N.W.	4
23	N.E. by E.	1	N.N.E.	1	N.N.W.	2	N.N.W.	1	N.N.W.	3	N.N.W.	3
24	Calm.	—	Calm.	—	Calm.	—	N.N.E.	2	N.E.	1	N.N.E.	1
25	—	—	—	—	—	—	—	—	—	—	—	—
26	N.E.	2	N.E.	1	N.E.	1	N.E.	1	N.N.E.	1	N.N.E.	1
27	Calm.	—	Calm.	—	N. by E.	1	N. by W.	1	Calm.	—	Calm.	—
28	S. by E.	4	S. by W.	4	S. by W.	4	S. by W.	5	S.S.E.	5	S.S.E.	5
29	W.	1	S.	2	S.E.	2	E.	4	S.	5	S.	5
30	N.W. by N.	1	N.W. by N.	2	N.W.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
S.S.W.	2	N.E. by E.	2	N.E. by E.	2	N.E. by E.	1	N.E.	2	N.E. by E.	1	1
S.E.	1	S.E.	1	S.E.	1	S.E.	1	S.E.	1	S.E.	1	2
S.E.	2	S.E.	1	S.E.	1	Calm.	—	Calm.	—	Calm.	—	3
N.W.	2	N.W.	2	N.W.	1	N.W.	2	N.W.	1	Calm.	—	4
—	—	—	—	—	—	—	—	—	—	—	—	5
W.N.W.	7	N.W.	7	W.N.W.	7	W.N.W.	6	N.N.W.	6	N.W.	7	6
N.W.	4	N.W.	4	N.W.	7	N.W. by N.	7	N.W.	6	N.W. by N.	7	7
S.E. by E.	1	S.E. by E.	1	Calm.	—	Calm.	—	Calm.	—	N.W.	2	8
N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	Calm.	—	Calm.	—	9
—	—	—	—	—	—	—	—	—	—	—	—	10
W.N.W.	4	W.N.W.	4	W.N.W.	4	N.W. by W.	7	N.W. by W.	6	N.W. by W.	6	11
—	—	—	—	—	—	—	—	—	—	—	—	12
N.W.	6	N.W. by W.	4	W. by N.	6	N.W. by W.	7	N.W. by W.	7	N.W. by W.	7	13
W.N.W.	7	W.N.W.	6	W.N.W.	6	W.N.W.	6	W.N.W.	6	W.N.W.	6	14
W.N.W.	8	W.	8	W.N.W.	6	N.W. by W.	6	N.W. by W.	6	W.	7	15
W.N.W.	3	W.N.W.	2	W.N.W.	2	W.N.W.	3	N.W. by W.	4	N.W. by W.	5	16
W. by N.	1	W. by N.	3	W.N.W.	3	W.N.W.	2	W.N.W.	2	W.N.W.	4	17
N.W. by W.	3	Calm.	—	Calm.	—	Calm.	—	N.W. by W.	3	N.W. by W.	3	18
—	—	—	—	—	—	—	—	—	—	—	—	19
N.W. by W.	1	W.N.W.	3	W.N.W.	3	N.W. by W.	3	N.W. by W.	2	N.W. by W.	3	20
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	E.N.E.	1	21
S.E. by E.	2	S.S.E.	2	S.S.E.	2	S.E. by S.	1	S.E. by S.	1	S.E. by S.	1	22
S.E. by S.	1	S.E.	1	S.E.	1	S.E.	1	S.E. by S.	2	E.N.E.	1	23
S.S.E.	1	S.S.E.	1	S.S.E.	1	Calm.	—	Calm.	—	Calm.	—	24
Calm.	—	Calm.	—	N. by E.	1	S.E. by E.	2	S.E. by E.	1	Calm.	—	25
—	—	—	—	—	—	—	—	—	—	—	—	26
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	27
S.S.E.	4	S.S.E.	4	S.E. by S.	5	S.S.E.	3	S.S.E.	4	S. by E.	3	28
S.W.	4	S.S.W.	3	S.S.W.	2	S.S.W.	3	Calm.	—	W. by S.	2	29
S.S.E.	4	S.S.E.	4	S.E. by S.	3	S.	3	N.N.E.	3	S.S.W.	2	30

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
S.	1	S.	3	S.E.	2	S. by E.	2	S. by E.	3	S.E. by S.	5	1
Calm.	—	Calm.	—	W.	1	N.W.	2	N.W. by N.	1	N.W. by N.	1	2
N.N.W.	7	N.N.W.	7	N.N.W.	7	N.N.W.	5	N.W. by N.	4	N.W. by N.	4	3
—	—	—	—	—	—	—	—	—	—	—	—	4
N.W. by W.	3	N.W. by N.	4	N.W. by N.	4	N.W. by N.	3	N.W.	4	W. by N.	5	5
N.W. by W.	6	N.W. by W.	6	N.W. by W.	5	N.N.W.	3	N.W.	4	N.W. by N.	4	6
N.W. by N.	5	N.W.	5	N.N.W.	4	N.N.W.	4	N.W. by N.	5	N.N.W.	4	7
W.N.W.	3	W.N.W.	2	W.N.W.	3	N.W. by W.	3	N.W. by W.	3	N.W. by W.	3	8
—	—	—	—	—	—	—	—	—	—	—	—	9
W.N.W.	1	W.N.W.	5	W.N.W.	5	W. by N.	5	N.W.	6	W. by N.	6	10
—	—	—	—	—	—	—	—	—	—	—	—	11
N.W.	5	N.W. by N.	5	N.W. by N.	4	N.W. by N.	6	N.W. by N.	6	N.W. by N.	5	12
N.W. by W.	2	Calm.	—	Calm.	—	N.W.	2	N.W.	4	N.W.	4	13
W.N.W.	7	W. by N.	6	N.W. by W.	5	N.W. by W.	10	W.N.W.	8	W.N.W.	9	14
W.N.W.	5	W. by N.	5	W. by N.	4	S.W. by S.	3	N.W. by W.	4	N.W.	5	15
W.N.W.	4	W. by N.	5	W. by N.	5	W.N.W.	5	W. by N.	5	W.N.W.	6	16
N.W. by W.	1	N.W. by W.	1	N.W. by W.	1	N.W. by W.	2	N.W. by W.	3	W.N.W.	3	17
—	—	—	—	—	—	—	—	—	—	—	—	18
W.N.W.	4	S.E. by S.	3	W.S.W.	2	W.S.W.	2	W.S.W.	2	W.S.W.	3	19
N.W. by N.	5	N.W. by N.	4	N.W. by N.	3	N.N.W.	4	N.W.	3	N.W.	3	20
W.N.W.	1	N.N.W.	1	W.N.W.	2	N.N.W.	2	W.N.W.	2	N.N.W.	2	21
N.W.	4	N.W.	4	N.W.	4	N.W. by N.	4	N.N.W.	3	N.N.W.	3	22
N.W.	3	N.W.	3	N.W.	4	N.W.	4	N.N.W.	3	N.N.W.	3	23
N.N.E.	1	N.N.E.	1	N.N.E.	1	N.N.E.	3	N.N.E.	2	N. by E.	1	24
—	—	—	—	—	—	—	—	—	—	—	—	25
Calm.	—	Calm.	—	Calm.	—	N.N.E.	1	N.N.E.	1	N.N.E.	3	26
Calm.	—	Calm.	—	Calm.	—	N. by W.	3	N. by W.	3	S.E. by S.	3	27
S.W.	6	S.S.E.	6	S.S.W.	6	S.S.E.	6	S.W.	4	S.W.	6	28
N.W.	5	N.W.	5	N.W. by N.	4	N.W. by N.	2	N.W.	1	S.S.E.	3	29
N.W. by N.	3	N.W. by N.	2	N.W. by N.	4	N.W. by N.	3	N.W. by N.	2	N.W. by N.	3	30

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
MAY.	1	N.W. by N.	3	N.W. by N.	3	N.W. by N.	2	N.W. by N.	2	S.S.E.	3	S.E. by S.	3
	2	N.W. by W.	4	N. by W.	5	N. by W.	5	N.N.W.	4	N.N.W.	4	N.N.W.	5
	3	—	—	—	—	—	—	—	—	—	—	—	—
	4	N.W.	3	N.N.W.	2	N.W. by N.	1	N.W.	4	N.W. by N.	1	N.W. by N.	3
	5	N.W. by N.	3	N.W.	6	N. by W.	4	W.N.W.	4	W.N.W.	3	N.W. by N.	3
	6	S.S.W.	4	S.W. by S.	4	W.S.W.	4	S. by W.	5	S.W. by S.	4	S.W. by S.	4
	7	N.W.	1	S. by W.	3	S.S.E.	2	S.S.E.	3	S.	2	S. by E.	2
	8	N.N.W.	3	N. by W.	4	N.N.W.	2	N.N.W.	2	W.S.W.	2	W.S.W.	5
	9	N.N.W.	6	N.N.W.	7	N.N.W.	7	N.N.W.	6	N.W. by N.	7	N.N.W.	7
	10	—	—	—	—	—	—	—	—	—	—	—	—
	11	W. by N.	9	N.W. by W.	7	N.W.	8	N.W.	8	S.S.E.	1	N.W.	5
	12	N.N.W.	4	N.W.	2	N.W.	4	N.W.	1	N.W.	2	N.W.	1
	13	N.W. by N.	1	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	N.N.W.	2
	14	N.N.W.	5	N. by W.	5	N.W.	5	N.W.	5	N.W.	4	N.N.W.	2
	15	N.W.	3	N.W.	3	N.W.	2	N.W.	2	N.W.	2	N.W. by W.	3
	16	N.W. by W.	8	N.N.W.	7	N.W.	8	W. by N.	8	N.W. by N.	8	N.N.W.	7
	17	—	—	—	—	—	—	—	—	—	—	—	—
	18	W.N.W.	3	W.N.W.	5	N.W.	6	N.N.W.	6	N.W.	6	N.W.	5
	19	N.N.W.	3	W. by S.	2	N. by W.	3	N.W. by N.	3	N.N.W.	2	N.N.W.	1
	20	N.W.	5	N.W.	8	N.N.W.	3	N.N.W.	4	N.N.W.	5	N.N.W.	5
	21	N. by W.	4	W.	3	W.S.W.	2	E.S.E.	1	W.N.W.	1	W.	1
	22	S. by W.	6	S.W.	4	W.S.W.	5	W.S.W.	6	W. by S.	4	W.	3
	23	N.	3	N.N.E.	3	W.S.W.	2	S.S.W.	3	S.S.W.	3	S.S.W.	1
	24	—	—	—	—	—	—	—	—	—	—	—	—
	25	N.E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.E.	1
	26	N. by E.	2	N.E. by E.	2	N.N.E.	1	Calm.	—	Calm.	—	Calm.	—
	27	N.W. by N.	2	N.W.	1	N.W.	1	N.N.W.	2	N.	4	N.W. by N.	5
	28	N.W. by N.	8	N.	8	N.W.	9	N. by W.	8	N. by W.	7	S.	6
	29	N. by W.	4	N.	6	N.	5	N. by E.	3	N.W. by N.	3	N.W. by N.	3
	30	N.	2	N.	2	N. by W.	2	N. by W.	1	S.W.	3	S.W. by S.	2
	31	—	—	—	—	—	—	—	—	—	—	—	—

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
MAY.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N. by W.	2
	2	—	—	—	—	—	—	—	—	—	—	—	—
	3	W.N.W.	4	N.W. by W.	6	N.W.	6	N.W.	6	N.W.	4	N.W.	5
	4	N.N.W.	4	N. by W.	4	N.W. by N.	4	S. by W.	3	N.N.W.	3	N.N.W.	3
	5	S.S.W.	8	S.S.E.	6	S. by W.	6	S.S.W.	6	S. by E.	3	S. by W.	6
	6	N.N.W.	3	N.W.	4	N.W.	5	N.W.	4	N.W.	3	N.W.	2
	7	N.W.	4	N.W.	3	N.W.	4	N.W.	5	N.W.	5	E.	4
	8	N.W.	4	N.N.W.	5	N. by W.	4	N.N.W.	4	N.N.W.	4	N.N.W.	4
	9	—	—	—	—	—	—	—	—	—	—	—	—
	10	N.W. by N.	9	N.W. by N.	9	N.W. by N.	8	N.W. by N.	9	N.W. by N.	9	N.N.W.	8
	11	N.W. by N.	6	N.W.	7	N.W.	6	N.W.	4	N.W. by W.	2	N.W. by W.	2
	12	N.W.	4	N.W.	3	N.N.W.	3	N.W.	5	N.W. by N.	6	N.W. by N.	6
	13	N.W.	3	N.W.	3	N.N.W.	4	N.N.W.	3	N.N.W.	2	N.N.W.	2
	14	N.N.W.	6	N.N.W.	5	N.N.W.	5	N.N.W.	4	N.N.W.	5	N.N.W.	5
	15	N.W.	5	N.N.W.	5	W.N.W.	4	N.	2	W.N.W.	5	N.W.	5
	16	—	—	—	—	—	—	—	—	—	—	—	—
	17	Calm.	—	Calm.	—	N.N.W.	2	N.N.W.	2	N.W.	3	N.W.	4
	18	N.	7	N.N.W.	6	N.W. by N.	6	N.W.	6	N.N.W.	4	N.N.W.	3
	19	N.E. by N.	1	N.E. by N.	1	N.E. by N.	1	N.E. by N.	1	N.E. by N.	1	N.W. by N.	3
	20	N.W. by N.	4	N.W. by N.	4	N.W. by N.	4	N.W. by N.	5	N.W. by N.	4	N.W. by N.	4
	21	N. by W.	5	N.N.W.	6	W.N.W.	8	N.W.	9	N.W.	9	S.	5
	22	N.W.	2	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	Calm.	—	Calm.	—
	23	—	—	—	—	—	—	—	—	—	—	—	—
	24	N.N.E.	3	N.N.E.	3	N.N.E.	3	N.N.E.	4	N.N.E.	4	N.N.E.	1
	25	N.E.	3	N.E.	1	N.E.	1	N.N.W.	4	Calm.	—	Calm.	—
	26	E.N.E.	3	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	27	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	3	N.N.W.	5
	28	N. by W.	2	N. by W.	1	Calm.	—	Calm.	—	N.	1	N.	1
	29	N. by E.	5	N.N.W.	5	N.N.W.	3	N.W.	2	N.W.	3	N.W.	4
	30	—	—	—	—	—	—	—	—	—	—	—	—
	31	N.W.	4	N.W.	4	N.W.	4	N.W.	4	W.N.W.	4	N.W.	3

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
S.E. by S.	2	S.E. by S.	2	S.E. by S.	1	S.E. by S.	1	Calm.	—	Calm.	—	1
N.N.W.	5	N.N.W.	5	N. by W.	4	N.N.W.	2	N.N.W.	2	N.N.W.	2	2
—	—	—	—	—	—	—	—	—	—	—	—	3
N.W. by N.	4	N.W. by N.	4	N.W.	5	N.W.	5	N.N.W.	3	N.N.W.	2	4
N.N.W.	4	N.	5	N.N.W.	5	N.N.W.	4	N.N.W.	3	W. by N.	4	5
S.W.	6	S.W.	4	N.W. by W.	2	N.W. by W.	5	N.N.W.	3	N.N.W.	2	6
E. by S.	2	E. by N.	2	N.E.	1	N.W. by N.	2	N.W. by N.	4	N.N.W.	3	7
W.	6	N.N.W.	7	W.	7	W.S.W.	6	S.W.	5	S.S.E.	5	8
N.W. by W.	7	N.N.W.	6	N.W. by N.	7	N.N.W.	6	N.W. by N.	6	N.W. by N.	6	9
—	—	—	—	—	—	—	—	—	—	—	—	10
N.W. by N.	7	N.W. by N.	9	N.W.	9	N.W.	9	N.W.	9	N.W. by N.	7	11
N.W.	3	N.W.	2	N.W.	3	N.W.	3	N.W.	3	N.W.	3	12
N.N.W.	1	N.N.W.	7	N. by W.	5	N. by W.	6	N. by W.	5	N.W.	5	13
N.N.W.	4	N. by W.	7	N.N.W.	7	N.N.W.	6	N.N.W.	7	N.N.W.	5	14
N.W.	6	N.W.	5	N.W. by W.	5	N.W. by W.	6	N.W.	5	N.W.	4	15
N. by W.	7	N. by W.	5	N. by W.	4	N. by W.	3	N. by W.	3	N.W. by N.	3	16
—	—	—	—	—	—	—	—	—	—	—	—	17
N.N.W.	5	N.W.	6	N.W. by N.	6	N.	6	N.	6	N. by W.	7	18
N.N.W.	2	N.N.W.	1	N.W. by W.	2	N.W. by W.	4	N.W. by W.	2	N.W.	2	19
N.N.W.	5	N.W. by N.	4	N.W. by N.	4	N.W. by N.	4	N.N.W.	4	N.N.W.	3	20
Calm.	—	Calm.	—	N.W.	3	N. by W.	4	N. by W.	4	N. by W.	5	21
W.	2	W.	2	Calm.	—	W.	2	N.W.	2	N.W.	2	22
S.S.E.	1	S.S.E.	1	S.S.E.	1	S.W. by S.	1	S.W. by S.	1	N.E. by E.	2	23
—	—	—	—	—	—	—	—	—	—	—	—	24
N.E.	3	N.E.	2	N.E.	2	N.E.	3	N.E.	2	N.E.	2	25
Calm.	—	Calm.	—	Calm.	—	N.E. by E.	2	N.E. by E.	2	E.N.E.	2	26
N. by W.	4	N.	4	N. by W.	3	N. by W.	3	N.	4	N.N.W.	1	27
S.	4	N. by E.	3	N. by W.	4	N. by W.	2	N. by W.	1	N. by W.	1	28
N.W. by N.	3	N.W. by N.	3	N.W. by N.	4	N.W. by N.	3	N. by E.	4	N. by E.	4	29
S.W. by W.	1	S.W.	2	N.W.	1	N.W. by W.	1	N.W. by W.	1	N.W. by W.	1	30
—	—	—	—	—	—	—	—	—	—	—	—	31

MAY.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.W.	4	N.W.	2	N.W.	4	N.W. by W.	4	N.W. by W.	3	W.N.W.	4	1
—	—	—	—	—	—	—	—	—	—	—	—	2
N.W. by N.	5	N.W. by N.	5	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	3
S.S.W.	3	S.S.W.	2	S.S.W.	2	S.S.W.	4	N.N.W.	3	N.N.W.	3	4
S.S.W.	6	S.S.W.	6	S. by W.	5	S.S.W.	7	S.	4	S.W. by S.	4	5
N.W.	2	N.W.	2	N.W.	1	Calm.	—	Calm.	—	Calm.	—	6
N.W.	7	N.W.	7	N.W.	8	N.N.W.	9	N. by W.	8	N. by W.	8	7
N.N.W.	6	N. by W.	6	N.W.	6	N.N.W.	6	N.N.W.	5	N.N.W.	6	8
—	—	—	—	—	—	—	—	—	—	—	—	9
N. by W.	8	N.W.	9	N.W.	10	N.W. by N.	10	N.W.	9	N.W.	9	10
N.W.	2	N.W.	2	N.W. by N.	2	N.W.	3	N.N.W.	4	N.N.W.	4	11
N.W. by N.	5	N.W. by N.	6	N.W.	6	N.W. by N.	5	N.W. by N.	4	N.W. by N.	2	12
N.N.W.	2	N.W. by W.	2	N.N.W.	4	N. by W.	3	N.W. by N.	5	N.N.W.	4	13
N. by W.	6	N.	6	N.N.W.	5	N.W.	5	N.W. by N.	4	N.W.	3	14
W.N.W.	7	W.N.W.	8	W. by N.	9	N.W.	8	N.W. by N.	7	N.W.	8	15
—	—	—	—	—	—	—	—	—	—	—	—	16
N.W. by N.	1	N.W. by N.	4	N.N.W.	3	N.N.W.	2	N.W.	3	W.N.W.	4	17
N.N.W.	3	N.N.W.	2	N.N.W.	2	N.N.W.	3	N.W. by N.	2	N.W.	4	18
N.N.W.	3	N.N.W.	3	N.W.	4	N.N.W.	4	N.N.W.	5	N.N.W.	4	19
N.W.	2	N.W.	3	N.W.	3	N.N.W.	5	N.N.W.	4	N. by W.	4	20
S.S.W.	7	S.S.W.	7	W.S.W.	8	W.S.W.	6	W.S.W.	4	S.	2	21
N.N.W.	1	N.N.W.	1	S.W. by S.	2	N.N.W.	2	N.E. by N.	3	N.	1	22
—	—	—	—	—	—	—	—	—	—	—	—	23
Calm.	—	Calm.	—	Calm.	—	N.E.	1	N.E.	1	N.E.	1	24
Calm.	—	Calm.	—	Calm.	—	N.E. by N.	2	N.E. by N.	2	N.E. by N.	2	25
N.E. by E.	1	Calm.	—	Calm.	—	Calm.	—	N.	3	N.W. by N.	2	26
N.W.	6	N.W.	7	N.W.	8	N.W. by N.	7	N.N.W.	7	N. by E.	7	27
N.	1	N.	1	N.	1	N.	1	N.	2	N. by W.	3	28
W.N.W.	6	W.N.W.	7	W.	6	W. by N.	4	N. by W.	4	N.W.	2	29
—	—	—	—	—	—	—	—	—	—	—	—	30
N.W. by W.	5	N.W. by N.	5	N.W. by W.	5	N.W.	5	N.W. by N.	2	N.W. by N.	2	31

MAY.

DIRECTION AND FORCE OF THE WIND.														
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .			
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		
JUNE.	1	N.W. by N.	2	N. by W.	3	N.N.W.	3	N.N.W.	2	N.N.W.	2	N.N.W.	1	
	2	N.N.W.	5	N.W. by N.	4	N.N.W.	4	N.N.W.	2	N.N.W.	1	Calm.	—	
	3	N. by W.	4	N. by W.	4	N. by W.	5	N. by W.	4	N. by W.	3	N.N.W.	3	
	4	N.W.	6	N. by W.	7	N. by W.	7	N.W. by N.	8	N.W. by N.	9	N.N.W.	8	
	5	N.N.W.	3	S.	3	S.S.E.	3	W.S.W.	3	W.S.W.	4	S.W.	4	
	6	N.W.	7	N.W.	4	N.	3	N.N.W.	3	N.N.W.	2	N.N.W.	3	
	7	—	—	—	—	—	—	—	—	—	—	—	—	—
	8	N.W.	3	N.W. by N.	2	N.W. by N.	2	N.W. by N.	1	Calm.	—	Calm.	—	—
	9	N.	1	Calm.	—	Calm.	—	Calm.	—	N. by W.	1	N.	1	1
	10	S.E. by S.	2	S.E. by S.	2	S.E. by S.	2	S.E. by S.	2	S.E. by S.	2	S.S.E.	2	2
	11	N.E. by E.	1	N.E. by E.	1	N.E. by E.	1	Calm.	—	Calm.	—	Calm.	—	—
	12	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	1	1
	13	N. by W.	4	N.W. by N.	3	N.W. by N.	3	N.W.	3	N.N.W.	1	Calm.	—	—
	14	—	—	—	—	—	—	—	—	—	—	—	—	—
	15	N.W. by N.	1	N.	1	N.	2	N.	2	N.N.W.	2	N.N.W.	2	2
	16	N. by W.	4	N.	5	N.	5	N. by W.	4	N. by W.	3	N.N.W.	4	4
	17	N.W. by N.	2	N.W. by N.	3	N.	3	S.W. by S.	3	S.W. by W.	2	W.N.W.	2	2
	18	N.N.E.	3	N.E. by N.	5	N.E. by N.	7	N.E. by N.	5	N.N.E.	4	N.N.E.	6	6
	19	N. by E.	5	N.E. by N.	6	N.E. by N.	6	N.E. by N.	5	N.E. by N.	5	N.E. by N.	5	5
	20	S.S.W.	2	S.S.W.	3	W. by S.	3	W.S.W.	1	W.S.W.	1	W.S.W.	4	4
	21	—	—	—	—	—	—	—	—	—	—	—	—	—
	22	S.S.W.	2	S.S.W.	1	S.S.W.	1	S.S.W.	1	S.S.W.	2	S.S.W.	2	2
	23	N. by E.	2	N.N.E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	—
	24	N. by E.	1	N.N.E.	1	N.N.E.	1	N.N.E.	1	Calm.	—	N.N.E.	2	2
	25	N.N.E.	5	N.N.E.	5	N.N.E.	5	N.E. by N.	4	N.N.E.	4	N. by E.	6	6
	26	N.	4	N.W.	5	N.N.W.	5	N.W. by N.	6	N.W. by N.	6	N.W. by N.	6	6
	27	N.W. by W.	7	N.W. by W.	6	W.	7	N. by W.	5	N.W.	4	N.W.	3	3
	28	—	—	—	—	—	—	—	—	—	—	—	—	—
	29	N.W.	1	N.N.W.	4	N.W. by N.	3	N.W. by N.	3	N.W. by N.	2	N.W. by N.	2	2
	30	N.W. by N.	3	W.N.W.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	4	4

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
JUNE.	1	N.W.	3	N.W.	2	N.W. by N.	1	N.W. by N.	1	Calm.	—	Calm.	—
	2	N.W.	5	N.W.	6	N.W.	6	N.W.	6	N.W.	5	N.W. by N.	4
	3	N.N.W.	7	N.N.W.	7	N.W.	6	N.W.	6	N.W.	7	N.W.	6
	4	N.	3	W.N.W.	2	N.W.	2	N.W. by N.	3	N.W.	2	N.W.	1
	5	N.W. by N.	6	N.N.W.	5	N.W.	4	N.N.W.	6	N.N.W.	6	N.N.W.	6
	6	—	—	—	—	—	—	—	—	—	—	—	—
	7	N.E.	1	N.E. by N.	1	Calm.	—	N. by W.	1	N.W.	2	N.W. by W.	3
	8	N.W. by N.	1	N.W.	1	N.N.W.	1	N.N.W.	2	N.W.	4	N. by W.	4
	9	Calm.	—	N.W.	2	N.W.	2	N.W.	2	W.N.W.	2	Calm.	—
	10	S.E. by E.	3	E.S.E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	11	N.E. by E.	1	E.N.E.	2	E.N.E.	2	N. by W.	3	N.W. by N.	3	N.N.E.	3
	12	N. by W.	4	N. by W.	5	N. by W.	4	N. by W.	3	N. by W.	3	N. by W.	3
	13	—	—	—	—	—	—	—	—	—	—	—	—
	14	N. by W.	3	N.W.	4	N.W. by N.	4	N. by W.	4	N.N.W.	5	N.N.W.	5
	15	N.N.W.	3	N.N.W.	2	N.N.W.	2	N.	2	N.	2	N.	1
	16	N.W.	4	N.W.	3	N. by W.	3	N.W. by N.	2	N.W. by N.	1	N.W. by N.	1
	17	N.N.E.	3	N.N.E.	2	N.E. by N.	2	N. by E.	6	N. by E.	5	N. by E.	5
	18	N.E. by N.	3	N.E. by N.	3	N.E. by N.	3	N.N.E.	3	N.N.E.	3	N.N.E.	3
	19	S.S.W.	3	S.S.W.	1	S.S.W.	1	Calm.	—	S.S.W.	1	Calm.	—
	20	—	—	—	—	—	—	—	—	—	—	—	—
	21	S.S.W.	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—	S.S.W.	1
	22	S.S.W.	1	S.S.W.	2	S.S.W.	1	N. by E.	1	N. by E.	1	N. by E.	2
	23	N.N.E.	2	N.N.E.	2	N. by E.	1	Calm.	—	Calm.	—	Calm.	—
	24	N.	5	N.	5	N.N.E.	5	N. by E.	5	N. by E.	5	N.E. by N.	1
	25	N. by E.	4	N. by E.	4	N. by E.	5	N.	6	N.	6	N.	6
	26	N.W. by W.	7	N.W.	7	N.N.W.	6	N.W. by N.	6	W.	3	W.	6
	27	—	—	—	—	—	—	—	—	—	—	—	—
	28	N.W.	1	N.W. by N.	2	N.W. by N.	2	N.W. by N.	1	N.W. by N.	2	N.W. by N.	2
	29	N.N.W.	7	N.W.	6	N.W.	6	N.W.	6	N.W.	7	N.W.	7
	30	N.N.W.	7	N. by W.	6	N.W.	5	N.	5	N.N.W.	6	N.N.E.	6

DIRECTION AND FORCE OF THE WIND.

6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.N.W.	3	N.N.W.	3	N.N.W.	2	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	1
N.W.	1	N.W.	1	N.W.	2	N.W.	2	N. by W.	2	N.W.	5	2
N.W. by N.	3	N.W. by N.	2	N.N.W.	2	N.W. by N.	4	N.W.	4	N.N.W.	4	3
N.N.W.	8	N.N.W.	8	N.N.W.	8	N.N.W.	8	N.N.W.	7	N.W. by W.	4	4
N.W.	4	N.W.	4	N.W.	4	N.W.	5	N.W.	5	N.W.	6	5
N.W.	3	N.W.	4	N.W. by N.	3	N.W. by W.	4	N.W. by W.	5	N.W. by W.	6	6
—	—	—	—	—	—	—	—	—	—	—	—	7
N.N.W.	1	Calm.	—	N.N.W.	1	N.N.W.	1	N.N.W.	2	N.W. by N.	1	8
N.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	9
S.S.E.	2	E.	2	S.E. by E.	2	S.E. by E.	3	S.E. by E.	3	S.E. by E.	2	10
Calm.	—	N.E. by E.	2	N.E. by E.	1	N.E. by E.	2	E.N.E.	2	N.E. by E.	1	11
N.N.W.	1	N.N.W.	2	N.N.E.	2	N.N.E.	1	N. by E.	4	S. by E.	3	12
N.N.W.	2	N.N.W.	4	N.N.W.	3	N.	4	N. by W.	4	N. by W.	4	13
—	—	—	—	—	—	—	—	—	—	—	—	14
Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.N.W.	1	N.N.W.	1	15
N.N.W.	3	N.N.W.	4	N.N.W.	4	N.N.W.	3	N.W.	3	N.W.	3	16
W.N.W.	2	N.W. by N.	2	N.N.E.	3	N.N.E.	3	N.N.E.	4	N.E.	5	17
N.N.E.	6	N.N.E.	4	N.E. by N.	6	N.E.	4	N.E. by N.	4	N.E. by N.	4	18
N.E. by N.	3	S.S.W.	3	S.S.W.	2	S.S.W.	3	S.S.W.	3	S.S.W.	3	19
W.S.W.	4	W.	3	W.	4	W. by S.	6	S.W. by S.	7	S.W. by S.	6	20
—	—	—	—	—	—	—	—	—	—	—	—	21
S.S.W.	1	S.S.W.	1	S.S.W.	1	S.S.W.	2	S.S.W.	1	S.S.W.	1	22
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	23
N.N.E.	1	N.N.E.	1	N.N.E.	3	N.N.E.	3	N. by W.	5	N. by W.	5	24
N.N.E.	6	N.N.E.	6	N.N.E.	4	N. by E.	4	N. by E.	4	N.	4	25
W.	7	W.	7	W.	3	W. by S.	8	W. by N.	7	W.S.W.	7	26
N.W. by N.	4	N.W. by N.	3	N.N.W.	3	N.N.W.	3	N. by W.	6	N.W. by N.	6	27
—	—	—	—	—	—	—	—	—	—	—	—	28
N.W. by N.	2	N.N.W.	4	N.N.W.	4	N. by E.	6	N. by E.	7	N.W.	7	29
N.W.	4	N.W. by N.	4	N.N.W.	3	N.W.	6	N.W.	5	N.W.	6	30

JUNE.

18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.W.	2	W.N.W.	3	N.W.	4	N.W.	4	N.W. by N.	4	N. by W.	5	1
N.W. by W.	5	N.W. by W.	5	N.W. by W.	5	N.W. by N.	6	N.N.W.	5	N.N.W.	6	2
N.W.	6	N.W.	6	N.W.	5	N.N.W.	2	N.W. by W.	2	N.N.W.	2	3
N.W.	1	N.W.	2	N.W.	3	N.W.	3	N.N.W.	4	N.N.W.	3	4
N.N.W.	7	N.	8	N. by W.	7	N.N.E.	7	N.W.	6	N.W.	6	5
—	—	—	—	—	—	—	—	—	—	—	—	6
N.W. by W.	2	N.W. by W.	3	N.W. by W.	3	N.W. by W.	3	N.W. by W.	3	N.W. by W.	3	7
N. by W.	4	N. by W.	3	N. by W.	3	N. by W.	2	N.	1	N.	1	8
W.	1	S.S.E.	2	S.S.E.	2	S.S.E.	2	S.S.E.	1	S.E. by S.	1	9
Calm.	—	E.N.E.	1	E.N.E.	1	E.N.E.	1	N.E. by E.	2	S.E. by E.	1	10
N. by E.	2	N. by E.	2	N. by E.	3	N.N.W.	4	N.N.W.	4	N.	3	11
N. by W.	3	N.	3	N. by E.	4	N.N.W.	2	N. by W.	4	N.N.W.	4	12
—	—	—	—	—	—	—	—	—	—	—	—	13
N.N.W.	2	N.N.W.	4	N.W. by N.	3	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	14
N.	1	N.N.W.	1	N.W. by N.	4	N.N.W.	2	N.W. by N.	3	N.N.W.	3	15
N.N.W.	2	N.N.W.	2	N.N.W.	3	N.N.W.	2	N.W. by N.	2	N.W. by N.	2	16
N. by E.	5	N. by E.	5	N. by E.	5	N. by E.	3	N.N.E.	2	N.N.E.	3	17
N.E. by N.	3	N.N.E.	4	N.E. by N.	4	N.N.E.	4	N. by E.	5	N. by E.	6	18
Calm.	—	Calm.	—	S.S.W.	1	S.S.W.	2	S.S.W.	2	S.S.W.	2	19
—	—	—	—	—	—	—	—	—	—	—	—	20
Calm.	—	Calm.	—	S.S.W.	1	Calm.	—	Calm.	—	S.S.W.	1	21
N. by E.	2	N. by E.	2	N. by E.	1	N. by E.	3	N. by E.	1	N. by E.	3	22
Calm.	—	Calm.	—	Calm.	—	Calm.	—	N. by E.	1	N. by E.	1	23
Calm.	—	N.N.E.	3	N.N.E.	1	N. by E.	5	N.N.E.	5	N.N.E.	4	24
N.N.W.	7	N. by W.	6	N. by W.	2	N.	2	N. by E.	3	N.	3	25
W.S.W.	5	W. by S.	6	W.S.W.	5	W.	7	S.S.W.	7	W.	7	26
—	—	—	—	—	—	—	—	—	—	—	—	27
N.W.	2	N.W.	2	N.W.	2	N.W.	3	N.W.	1	N.W.	1	28
N.W.	5	N.N.W.	7	W.N.W.	7	N.N.W.	6	N. by W.	5	N.W. by N.	3	29
N. by E.	6	N. by E.	6	N.	5	N.E.	2	E.	3	N.W.	3	30

JUNE.

DIRECTION AND FORCE OF THE WIND.														
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .			
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		
JULY.	1	W.	3	N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	2	N.W. by N.	2	
	2	N.N.E.	2	N.N.E.	1	N.N.E.	1	N.N.E.	1	N.N.E.	1	N.N.E.	2	
	3	N.N.W.	3	N.N.W.	2	N.N.W.	3	N.N.W.	2	N.N.W.	2	Calm.	—	
	4	N. by W.	4	N. by W.	3	N. by W.	2	N. by W.	2	N. by W.	2	N. by W.	3	
	5	—	—	—	—	—	—	—	—	—	—	—	—	—
	6	N. by W.	5	N. by W.	5	N.	3	N.	4	N. by W.	4	N. by W.	4	
	7	S.W.	4	S.W.	4	S.S.W.	3	S.S.W.	2	S.S.W.	2	S.S.W.	1	
	8	N.N.W.	6	N.	5	N. by W.	3	N. by W.	2	N.N.W.	2	N.N.W.	1	
	9	N. by W.	7	N. by W.	7	N.W. by N.	6	N.W. by N.	5	N. by W.	6	N. by W.	5	
	10	N. by W.	4	N. by W.	5	N. by W.	4	N. by W.	4	S.W. by S.	6	N.	4	
	11	N.	5	N. by E.	6	N.N.W.	6	W. by N.	6	N.W. by N.	6	W.	7	
	12	—	—	—	—	—	—	—	—	—	—	—	—	—
	13	N.W. by N.	4	W. by N.	2	N.W. by N.	1	W. by N.	2	N.W. by N.	2	W. by N.	1	
	14	N.W. by W.	3	N.W. by W.	2	N.W. by W.	3	N.W. by W.	2	N.W. by W.	1	N.W.	1	
	15	W.N.W.	3	W.N.W.	1	W.N.W.	1	W.N.W.	1	W.N.W.	1	S.W.	1	
	16	N.W. by N.	5	N.N.W.	4	N.N.W.	4	N.N.W.	3	N.W. by N.	2	N.W. by N.	3	
	17	N.N.W.	4	N.N.W.	3	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	1	
	18	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	
	19	—	—	—	—	—	—	—	—	—	—	—	—	—
	20	N.W.	4	N.W.	3	N.N.W.	3	N.N.W.	1	N.N.W.	1	N.N.W.	1	
	21	N.W.	1	N.W. by N.	3	N.W. by N.	4	N.W. by N.	3	N.W. by N.	2	N.W. by N.	4	
	22	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	1	
	23	N.W. by W.	3	N.W. by W.	2	N.W.	3	N.N.W.	2	N.N.W.	2	N.W.	2	
	24	N.N.W.	3	N.N.W.	3	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	
	25	N.W. by N.	2	N.W. by N.	3	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	W.N.W.	2	
	26	—	—	—	—	—	—	—	—	—	—	—	—	—
	27	N.W.	3	N.W.	2	N.W.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	2	
	28	N.N.W.	4	N.N.W.	4	N.N.W.	4	N.N.W.	3	N.N.W.	3	N.N.W.	3	
	29	S.S.W.	3	S. by E.	3	S. by E.	4	S.S.E.	2	Calm.	—	S.S.E.	2	
	30	S.	2	S.	4	S.	4	S.	4	S.	4	S.	4	
	31	S.S.W.	2	S.S.E.	3	S. by W.	3	S. by W.	4	S. by W.	4	S.W. by S.	3	

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .			
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		
JULY.	1	N.N.W.	3	N.W. by N.	3	N.W.	3	N.W.	2	N.E. by N.	1	N.E. by N.	1	
	2	N.N.W.	4	N.N.W.	4	N.N.W.	4	N.N.W.	4	N.W. by N.	3	N.W. by N.	3	
	3	N.N.W.	4	N.W. by N.	4	N.W. by N.	4	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	
	4	—	—	—	—	—	—	—	—	—	—	—	—	—
	5	Calm.	—	Calm.	—	N. by W.	2	N. by W.	3	N. by W.	4	N. by W.	4	
	6	N.	2	N. by W.	2	N. by W.	2	N. by W.	3	W.N.W.	3	W.N.W.	3	
	7	N.W.	3	N.N.W.	1	N. by W.	2	N. by W.	1	N. by W.	1	N. by W.	2	
	8	N.N.W.	3	N.N.W.	3	N. by W.	3	N. by W.	4	N. by W.	4	N. by W.	4	
	9	N. by W.	6	N. by W.	6	N.	6	N.	6	N.	6	N.N.W.	3	
	10	W.N.W.	3	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	
	11	—	—	—	—	—	—	—	—	—	—	—	—	—
	12	S.S.W.	2	W.N.W.	2	N.W.	2	N.W. by W.	2	N.W. by W.	2	N.W.	2	
	13	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	N.W.	2	N.W.	1	N.W.	3	
	14	N.W.	3	N.W.	3	N.W.	4	N.W.	4	N.W.	3	N.W.	3	
	15	W.N.W.	3	N.W. by W.	3	N.W. by W.	2	N.W. by W.	2	N.W. by W.	2	N.W. by W.	3	
	16	W.N.W.	5	N.W.	4	N.W.	4	N.W. by W.	4	N.W.	2	N.W. by W.	2	
	17	N.W. by N.	5	N.N.W.	7	N.W. by W.	5	N.W. by W.	5	N.W. by W.	5	N.W. by W.	4	
	18	—	—	—	—	—	—	—	—	—	—	—	—	—
	19	Calm.	—	N.N.W.	1	Calm.	—	N.N.W.	2	N.N.W.	1	N.N.W.	1	
	20	W.N.W.	5	N.W. by W.	6	N.W.	7	N.W.	6	N.W.	6	N.W.	4	
	21	N. by W.	3	N. by W.	2	N. by W.	1	N. by W.	2	N. by W.	2	N. by W.	1	
	22	N.N.W.	1	N.N.W.	1	Calm.	—	N. by W.	2	N. by W.	2	N.N.W.	3	
	23	N.W.	2	N.W.	2	N.W.	2	N.W.	1	Calm.	—	Calm.	—	
	24	Calm.	—	N.W. by N.	1	N.W.	1	N.W.	2	N.W.	4	N.N.W.	3	
	25	—	—	—	—	—	—	—	—	—	—	—	—	—
	26	N.W. by N.	2	N.W. by W.	2	N.W. by N.	2	N.W. by W.	2	N.W. by N.	2	N.W. by W.	2	
	27	N.W. by N.	3	N.W. by N.	3	N.N.W.	2	N.N.W.	1	N.N.W.	1	N.N.W.	1	
	28	N.W. by N.	2	Calm.	—	N.W. by N.	1	N.W. by N.	1	Calm.	—	N.W. by N.	1	
	29	S.S.E.	3	S.S.E.	3	S.S.E.	3	S.S.E.	2	Calm.	—	Calm.	—	
	30	S.S.W.	2	S.S.E.	1	S.S.E.	2	S.S.E.	4	S. by E.	2	S.	2	
	31	N.	4	N.	1	N.	1	Calm.	—	N. by W.	1	N.N.W.	2	

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.W. by N.	2	N.W. by N.	2	N.W. by N.	3	N. by W.	4	N. by W.	3	N. by W.	3	1
N.N.E.	2	N. by E.	1	N. by E.	3	Calm.	—	N. by E.	4	N.N.W.	4	2
N.N.W.	1	N.N.W.	1	Calm.	—	N.N.W.	2	N.N.W.	3	N.N.W.	4	3
N. by W.	2	N. by W.	2	N. by W.	3	N. by W.	3	N. by W.	3	N. by W.	1	4
—	—	—	—	—	—	—	—	—	—	—	—	5
N. by W.	2	N.	1	Calm.	—	N.	2	N.	1	N.	1	6
W. by S.	2	W. by S.	1	W. by S.	2	W. by S.	1	W. by S.	2	W. by S.	1	7
N.N.W.	1	Calm.	—	Calm.	—	N.N.W.	1	N.N.W.	2	N.N.W.	2	8
N. by W.	4	N.N.W.	4	N.W. by N.	6	N.N.W.	6	N.N.W.	6	N.N.W.	6	9
N.E.	2	N.	3	N.	2	S.W.	3	W.	2	W.	2	10
W.N.W.	7	N.W.	2	W.	3	N.W.	2	W.	2	W. by S.	2	11
—	—	—	—	—	—	—	—	—	—	—	—	12
N.W. by N.	1	W. by N.	1	Calm.	—	N.W. by N.	1	N.W. by N.	1	N.W. by N.	2	13
N.W.	1	N.W. by W.	1	N.W.	1	N.W.	1	N.W.	1	N.W.	1	14
S.W.	3	S.W.	2	S.W.	3	S.W.	2	W.	4	W.N.W.	3	15
N.W. by N.	3	N.W. by N.	4	N.W. by N.	3	N.W. by N.	3	N.W. by N.	4	N.W. by N.	5	16
N.N.W.	1	Calm.	—	N.N.W.	1	N.W. by N.	3	N.W. by N.	2	N.W. by N.	4	17
N.N.W.	2	N.N.W.	1	N.N.W.	1	N.N.W.	4	N.W. by N.	3	N.W. by N.	4	18
—	—	—	—	—	—	—	—	—	—	—	—	19
Calm.	—	N.W.	3	N.W.	2	N.N.W.	1	N.N.W.	1	N.N.W.	3	20
N.W. by N.	2	N.W. by N.	3	N.W. by N.	4	N.W. by N.	3	N.N.W.	3	N. by W.	2	21
N.N.W.	1	N.N.W.	1	N.N.W.	3	N.N.W.	1	N.N.W.	3	N.N.W.	4	22
N.W. by N.	2	N.W.	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—	23
N.N.W.	1	N.N.W.	1	N.N.W.	1	Calm.	—	Calm.	—	N.N.W.	1	24
N.N.W.	2	W.N.W.	2	N.N.W.	1	Calm.	—	Calm.	—	Calm.	—	25
—	—	—	—	—	—	—	—	—	—	—	—	26
Calm.	—	N.W.	2	N.W.	2	N.W.	2	N.W.	3	N.W.	3	27
N.W. by N.	2	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	N.W. by N.	2	N.W. by N.	2	28
S.S.E.	2	S.S.E.	2	S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	2	29
S. by W.	3	S. by E.	2	S.	3	S.	4	S. by E.	4	S. by W.	3	30
S.W. by S.	3	S.W. by S.	3	S.W. by S.	2	W.	2	N.W.	2	S.W. by S.	3	31

JULY.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.E.	2	N.E. by N.	2	N.N.E.	3	N.N.E.	2	N.N.E.	2	N.N.E.	2	1
N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N.N.W.	3	N.N.W.	3	N.N.W.	3	2
N.N.W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	4	N.W. by N.	4	N.W. by N.	3	3
—	—	—	—	—	—	—	—	—	—	—	—	4
N. by W.	4	N. by W.	3	N. by W.	3	N. by W.	3	N. by W.	3	N.	4	5
W. by N.	3	W.	4	S. by W.	5	W.N.W.	3	W. by S.	3	S.W. by W.	5	6
N. by W.	3	N. by W.	3	N. by W.	2	N. by W.	3	N.	4	N.	5	7
N. by W.	4	N. by W.	4	N. by W.	4	N. by W.	4	N. by W.	6	N. by W.	6	8
N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	3	N. by W.	5	N. by W.	5	9
N.N.W.	4	N. by W.	4	N. by W.	4	N.	5	N. by W.	5	N. by W.	3	10
—	—	—	—	—	—	—	—	—	—	—	—	11
N.W.	3	N.W.	2	N.W.	2	W. by N.	3	N.W. by N.	3	W. by N.	4	12
N.W.	4	N.W.	3	N.W.	4	N.W.	3	N.W.	3	N.W. by W.	3	13
N.W.	4	N.W.	4	N.W.	4	N.W.	4	N.W. by W.	5	W.N.W.	4	14
N.W.	4	N.W.	5	N.W.	5	N.N.W.	5	N.W.	3	N.W. by N.	4	15
N.W. by W.	3	N.W. by W.	3	N.W. by W.	3	N.W. by W.	4	N.W. by W.	4	N.W. by W.	4	16
N.W. by W.	4	N.W. by W.	4	N.W. by W.	5	N.W.	6	N.W.	6	N.N.W.	5	17
—	—	—	—	—	—	—	—	—	—	—	—	18
N.W. by W.	5	N.W. by N.	4	N.W. by N.	3	N.W. by N.	4	N.W.	4	N.W.	4	19
N.W.	4	N.W.	3	N.W.	3	N.W. by N.	6	N.N.W.	5	N.W.	2	20
N. by W.	3	N. by W.	2	N. by W.	3	N.N.W.	4	N.W. by N.	4	N.N.W.	3	21
N.N.W.	4	N.N.W.	3	N.N.W.	3	W.N.W.	6	N.W. by N.	4	N.W. by N.	3	22
Calm.	—	N.W. by N.	2	N.W. by N.	2	N.W. by N.	1	N.N.W.	2	N.N.W.	2	23
N.N.W.	3	N.N.W.	3	N.W.	4	N.W. by N.	3	N.N.W.	3	N.W.	2	24
—	—	—	—	—	—	—	—	—	—	—	—	25
N.W. by N.	2	N.W. by W.	1	N.W. by N.	1	N.W.	2	N.W.	2	N.W.	2	26
N.N.W.	1	N.W. by N.	1	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	N.W. by N.	3	27
N.W. by N.	1	Calm.	—	Calm.	—	Calm.	—	N.W.	2	S.S.W.	2	28
S.	1	S.	1	S.	2	S. by E.	4	S. by E.	4	S.	3	29
S.W. by S.	3	S. by W.	2	S.W.	2	W.	2	W.S.W.	3	S. by W.	3	30
N.N.W.	3	N.N.W.	3	N.N.W.	2	N.N.W.	3	N.N.W.	2	N.N.W.	2	31

JULY.

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
AUGUST.	1	N.N.W.	2	N.N.W.	1	N.W. by N.	1	S.S.E.	2	S.S.E.	3	S.S.E.	1
	2	—	—	—	—	—	—	—	—	—	—	—	—
	3	S.E. by S.	6	S.E. by S.	6	S.S.E.	6	E. by S.	2	E. by S.	2	E. by S.	2
	4	N. by W.	2	N. by W.	2	N.	1	N.	1	N.E. by N.	1	Calm.	—
	5	W. by N.	4	W.N.W.	4	W.N.W.	3	W.N.W.	2	W.N.W.	2	W.N.W.	2
	6	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	N.W. by N.	1	N.W. by N.	1
	7	N. by E.	1	N.	1	N.	1	N.	1	N.	1	Calm.	—
	8	N.W.	4	W.N.W.	3	N.N.W.	3	N. by W.	1	Calm.	—	Calm.	—
	9	—	—	—	—	—	—	—	—	—	—	—	—
	10	S.E. by S.	5	S. by W.	6	S.	5	S. by W.	5	S.	7	S.S.E.	3
	11	N.N.W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	2	W.N.W.	2	N.W.	2
	12	N.W.	6	N.	5	N.	4	N.N.W.	4	N.N.W.	4	N.N.W.	4
	13	N.W.	6	N.N.W.	4	N.N.W.	4	N.N.W.	3	N.N.E.	1	N.N.E.	1
	14	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	N.W.	2	N.W.	2	N.W. by N.	2
	15	N.W.	3	W.N.W.	2	N.N.W.	2	W.N.W.	2	N.N.W.	2	W.N.W.	1
	16	—	—	—	—	—	—	—	—	—	—	—	—
	17	N.W.	3	N.W.	3	N.W.	2	N.W.	2	N.W.	1	N.W.	1
	18	N.W. by N.	3	N.W.	1	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2
	19	N.W. by N.	1	N.W. by N.	1	S.	3	S.S.E.	5	S.S.E.	2	S.S.E.	2
	20	S.S.E.	2	S.	3	S.E. by S.	2	S.E. by S.	2	S.E. by S.	3	S.E. by S.	2
	21	N.W.	1	N.W.	2	N.W.	2	N.W.	2	N.W.	2	N.W.	2
	22	N.W. by N.	1	S.S.W.	2	N. by W.	3	S.E. by S.	3	S.S.E.	3	S. by E.	2
	23	—	—	—	—	—	—	—	—	—	—	—	—
	24	N.N.W.	5	N.N.W.	5	N.N.W.	5	N.N.W.	3	N.	2	N. by W.	5
	25	N.N.W.	2	N.W. by N.	3	N.N.W.	2	N.W.	3	N.W.	2	N.W.	1
	26	S.S.E.	8	S.	8	S.	8	S.E.	8	S.S.E.	7	S.W. by S.	4
	27	S.	6	S. by E.	6	S. by W.	6	S. by W.	6	S.	5	S.	3
	28	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	N. by W.	1
	29	N. by W.	1	E. by S.	1	E.S.E.	2	E.	2	E. by S.	3	E. by N.	2
	30	—	—	—	—	—	—	—	—	—	—	—	—
	31	N.	1	Calm.	—	N.	1	N.N.E.	1	E. by N.	1	E. by N.	1

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
AUGUST.	1	—	—	—	—	—	—	—	—	—	—	—	
	2	S.S.W.	5	S. by W.	5	S.	5	S.	5	S. by E.	8	S.S.E.	6
	3	E.S.E.	2	N. by E.	1	N. by E.	1	Calm.	—	N. by E.	1	N. by W.	1
	4	Calm.	—	N.N.E.	2	N. by E.	3	N.N.W.	4	N.W. by N.	5	N.W. by N.	4
	5	N.W.	3	N.W.	4	N.W.	4	N.W.	3	N.W.	3	N. by W.	2
	6	N.N.W.	2	N. by W.	2	N.	1	N.W. by N.	3	N.W. by N.	3	N.N.W.	3
	7	N.W.	4	N.W.	5	N.W.	6	N.N.W.	1	N.W. by N.	2	N.W.	4
	8	—	—	—	—	—	—	—	—	—	—	—	—
	9	N.W.	1	N.W.	2	N.W. by W.	2	N.W.	1	N.W.	1	N.W.	1
	10	S.W. by S.	3	S.W.	3	S.W.	1	W.	1	W.	1	W.	1
	11	N.W. by W.	5	N.W. by W.	5	N.W. by N.	5	N.N.W.	3	N.W. by W.	4	N.N.W.	4
	12	N.W. by N.	6	N. by W.	7	N.N.W.	6	N.N.W.	5	N.W. by N.	4	N.W. by N.	4
	13	N.W. by N.	4	N.W. by N.	3	N.W. by N.	4	N.W. by N.	5	N.W. by N.	3	N.W. by N.	3
	14	N.W. by N.	4	N.W. by N.	5	N.W.	5	N.W.	5	N.W.	5	N.W. by W.	2
	15	—	—	—	—	—	—	—	—	—	—	—	—
	16	Calm.	—	N.W.	2	N.W.	3	N.W.	3	N.W.	5	N.W.	3
	17	N.W.	1	N.W.	1	N.W.	1	Calm.	—	Calm.	—	Calm.	—
	18	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	19	S.S.E.	5	S.S.E.	6	S.S.W.	6	S.S.W.	6	S.S.W.	6	S.	6
	20	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.W.	1	N.W. by W.	2
	21	N.W.	1	N.W.	1	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	N.W. by N.	2
	22	—	—	—	—	—	—	—	—	—	—	—	—
	23	N.W. by N.	3	N.W. by W.	2	N.W. by N.	3	N.W. by W.	2	N.W.	2	N.W. by W.	4
	24	N.W. by W.	3	Calm.	—	Calm.	—	N.W.	1	Calm.	—	N.W.	2
	25	N.W.	4	S.W.	4	S.W. by W.	3	S.W. by S.	3	W.S.W.	4	S.S.W.	5
	26	S.S.W.	6	S.S.W.	6	S.S.W.	6	S.S.W.	6	S.S.W.	6	S.S.W.	5
	27	W.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	2	N.N.W.	3
	28	N. by E.	1	N. by E.	2	N.	2	N.	1	N.	3	N.	2
	29	—	—	—	—	—	—	—	—	—	—	—	—
	30	Calm.	—	Calm.	—	Calm.	—	S.S.E.	1	Calm.	—	Calm.	—
	31	E.N.E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
S.S.E.	2	Calm.	—	Calm.	—	Calm.	—	S.	2	S.	2	1
—	—	—	—	—	—	—	—	—	—	—	—	2
E.S.E.	4	E.S.E.	3	E.S.E.	2	E.S.E.	3	E.S.E.	2	E.S.E.	2	3
Calm.	—	Calm.	—	Calm.	—	N.E. by N.	1	N.E. by N.	1	Calm.	—	4
W.N.W.	2	W.N.W.	2	W.N.W.	2	W.N.W.	2	W.N.W.	2	W.N.W.	2	5
N.W. by N.	1	Calm.	—	Calm.	—	N.W. by N.	1	N.W. by N.	2	N.W. by N.	2	6
Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.N.W.	2	N.	3	7
Calm.	—	N.W. by N.	1	N.W. by W.	3	N. by W.	2	N. by W.	3	N. by W.	2	8
—	—	—	—	—	—	—	—	—	—	—	—	9
S.S.E.	1	S.S.E.	3	S.S.W.	2	S.S.W.	2	N.W. by N.	2	N.W. by N.	2	10
N.W.	1	N.W.	2	N.W.	3	N.W. by N.	4	N.W.	4	N.W.	5	11
N.N.W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	4	N.N.W.	3	N.W. by N.	5	12
N.N.W.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	2	N.W. by N.	2	N.W. by N.	3	13
N.W. by N.	3	Calm.	—	Calm.	—	N.W. by N.	1	N.W. by N.	1	N.W. by N.	3	14
N.N.W.	1	W.N.W.	1	N.N.W.	1	N.W. by N.	2	N.W. by N.	3	N.W. by N.	3	15
—	—	—	—	—	—	—	—	—	—	—	—	16
N.W.	1	Calm.	—	Calm.	—	N.W.	2	N.W.	2	N.W.	1	17
N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	N.W.	1	N.W.	1	S.W.	1	18
S.	3	S.	3	S.	2	S.	3	S.S.W.	4	S.S.E.	4	19
S.E. by S.	2	S.E. by S.	2	S.E. by S.	1	S.E. by S.	1	Calm.	—	Calm.	—	20
N.W.	2	N.W.	2	N.W.	1	N.W.	1	N.W.	1	N.W.	1	21
S.	1	S. by E.	1	S. by E.	1	S. by E.	3	S. by E.	3	S. by E.	2	22
—	—	—	—	—	—	—	—	—	—	—	—	23
N. by W.	5	N.W. by N.	5	N.W. by N.	6	N.W.	6	N.W.	6	N.W.	3	24
N.W.	1	S.S.E.	2	S.S.E.	3	S.	4	W. by N.	4	N.W.	4	25
S.S.E.	4	W.S.W.	4	S. by W.	4	S.S.W.	5	S.S.E.	4	S.S.W.	5	26
S. by W.	3	S.S.W.	3	S.S.W.	3	S. by W.	2	N.W.	1	W.N.W.	1	27
S.E.	2	Calm.	—	S.E.	1	Calm.	—	N.E. by E.	1	N.E. by E.	1	28
S.E.	2	S. by W.	2	S. by W.	1	S. by W.	1	S.	1	S.	1	29
—	—	—	—	—	—	—	—	—	—	—	—	30
Calm.	—	Calm.	—	E. by N.	1	Calm.	—	Calm.	—	Calm.	—	31

AUGUST.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
—	—	—	—	—	—	—	—	—	—	—	—	1
S.S.E.	6	S.E. by S.	4	S.E. by S.	7	S.E. by S.	6	S.E. by S.	6	S.E. by S.	5	2
N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	N. by W.	2	N. by W.	2	3
N. by W.	4	N.W. by N.	4	W.N.W.	5	N.W. by N.	6	N.W. by N.	6	W. by N.	6	4
N.	1	N.	1	N.W.	3	N.W. by W.	5	N.W.	4	N.W. by N.	3	5
N.	2	N.	2	N.	1	N.	1	N. by E.	2	N. by E.	2	6
N.W.	5	N.W. by N.	5	N.W. by N.	5	N.W. by N.	6	N.W. by N.	4	N.W.	4	7
—	—	—	—	—	—	—	—	—	—	—	—	8
N.W.	2	S.S.W.	2	S.S.W.	2	S.S.W.	4	S. by E.	4	S.E. by S.	4	9
W.	3	W.N.W.	3	N.N.W.	2	N.W.	3	N.W.	3	N.N.W.	3	10
E.S.E.	2	N.N.W.	3	N. by W.	4	N. by W.	3	N.W.	6	N.W.	6	11
N.W.	6	N.W. by N.	5	N.W.	6	N.W.	6	N.W.	6	N.W.	6	12
N.W. by N.	3	N.W. by N.	2	N.W. by N.	1	N.W. by N.	1	N.W. by N.	2	N.W. by N.	2	13
N.W.	1	N.W.	2	N.W.	3	W.N.W.	4	N.W.	3	N.W.	3	14
—	—	—	—	—	—	—	—	—	—	—	—	15
N.W.	2	N.W.	3	N.W.	4	N.W.	5	N.W.	4	N.W.	4	16
Calm.	—	Calm.	—	N.W.	1	N.W.	1	N.W. by N.	2	N.W. by N.	2	17
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	18
S.	4	S.S.W.	3	S.S.W.	3	S.S.W.	3	S.S.W.	3	S.	3	19
W. by N.	2	W.N.W.	2	W.N.W.	2	W.N.W.	2	N.W.	4	N.W.	3	20
N.W. by N.	2	N.W. by N.	1	N.W. by N.	2	N.W. by N.	2	N.W. by N.	1	N.W. by N.	1	21
—	—	—	—	—	—	—	—	—	—	—	—	22
N.W. by W.	4	N.W.	4	W. by N.	4	W. by N.	4	N.W. by W.	4	N.W. by N.	5	23
N.W.	2	N.W.	1	N.W.	1	N.W.	1	N.W.	2	N.W.	2	24
S.S.W.	6	S.S.W.	5	S.S.W.	5	S. by E.	7	S.E.	7	S.	8	25
S.S.W.	3	S.	3	S.	4	S.	6	S.	6	S.S.W.	5	26
N.N.W.	3	N.N.W.	3	N.W. by N.	4	N.N.W.	4	N.N.W.	4	N.N.W.	3	27
N.	3	N.	3	N.	4	N.	3	N. by W.	2	N. by W.	2	28
—	—	—	—	—	—	—	—	—	—	—	—	29
Calm.	—	Calm.	—	Calm.	—	Calm.	—	S.S.E.	1	N.	1	30
Calm.	—	Calm.	—	Calm.	—	E.N.E.	1	E.N.E.	1	E.N.E.	1	31

AUGUST.

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
SEPTEMBER.	1	E. by N.	2	E.	3	S.E. by S.	4	S.E.	4	S.E.	3	S.E.	2
	2	N. by W.	3	N. by W.	2	N. by W.	1	N. by W.	1	S.E. by E.	2	E. by S.	1
	3	S. by E.	6	S.S.E.	5	S.E. by S.	6	S.S.E.	6	S.S.E.	6	S.S.E.	4
	4	S.E. by S.	7	S.E. by S.	8	S.E. by S.	8	S.E. by S.	9	S.E. by S.	7	S.S.E.	6
	5	S.S.W.	3	S.	3	S. by E.	3	S. by E.	4	S.S.E.	4	S.S.E.	4
	6	—	—	—	—	—	—	—	—	—	—	—	—
	7	N. by W.	3	N. by W.	2	N. by W.	2	S.E. by E.	2	S.E. by E.	2	S.E. by E.	2
	8	N.N.W.	4	N.N.W.	3	N.N.W.	3	N.N.E.	1	S.E.	2	S.E.	1
	9	N.N.W.	2	N.W.	1	N.	5	N.N.W.	6	N. by W.	7	N. by W.	8
	10	N. by W.	9	N. by W.	9	N. by W.	8	N. by W.	7	N.	7	N. by W.	9
	11	N. by W.	4	N.W. by N.	4	N.W. by N.	4	N.W.	3	N.W.	4	N.W.	3
	12	W. by S.	2	E.S.E.	3	S.W.	4	S.	4	S.S.W.	3	S.W.	3
	13	—	—	—	—	—	—	—	—	—	—	—	—
	14	S.S.W.	5	W.S.W.	5	W.S.W.	5	W. by N.	6	W.S.W.	5	W.N.W.	3
	15	N.W.	2	N.N.W.	2	N.N.W.	1	S.E. by E.	2	S.E. by S.	2	S.E. by S.	2
	16	N. by W.	3	N.W. by N.	2	N.W. by N.	2	N.N.W.	5	N.N.W.	5	N.N.W.	3
	17	N.N.W.	6	N. by W.	7	N.N.W.	7	N.N.W.	5	N.N.W.	2	N.N.W.	1
	18	W.S.W.	5	W.S.W.	2	E.N.E.	1	N.W.	2	S.W. by W.	2	S.W.	5
	19	S.	5	S.E.	3	S.S.E.	4	S.E. by S.	6	S.E. by S.	6	S.S.E.	5
	20	—	—	—	—	—	—	—	—	—	—	—	—
	21	N.W. by N.	2	E. by S.	3	S.E.	4	S.E.	4	S.E.	3	S.E.	3
	22	N.W.	3	N.W.	3	N.N.W.	3	S.E.	3	S.E. by S.	4	S.E. by S.	3
	23	N.N.W.	3	N.N.W.	1	S.E.	4	S.E.	4	S.E.	2	S.E. by S.	2
	24	N. by W.	5	N. by W.	6	N.N.W.	7	N.N.W.	6	N.N.W.	7	N.N.W.	4
	25	N.N.W.	5	N. by W.	4	N. by W.	3	N. by W.	3	N. by W.	3	N.W. by W.	3
	26	N.W. by W.	8	N.W.	9	N.W. by N.	10	W.N.W.	9	N.W.	9	N.W. by N.	8
	27	—	—	—	—	—	—	—	—	—	—	—	—
	28	N.N.W.	3	N. by W.	4	N. by W.	4	S.E.	3	S.E. by S.	3	S.E. by S.	3
	29	S.E.	3	S.E.	3	S.E.	3	S.E.	3	S.E.	3	S.E.	3
	30	N.W. by N.	5	N.W. by N.	5	N.W. by W.	6	N.W.	5	N.W.	5	N.W. by N.	6

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
SEPTEMBER.	1	N.E.	1	N.E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	2	Calm.	—	Calm.	—	E.	2	E.	2	E.	2	E.S.E.	2
	3	S.S.E.	6	S.E.	7	S.E.	6	S.E. by S.	7	S.S.E.	7	S.S.E.	7
	4	S.S.W.	5	S.S.W.	5	S. by W.	4	S. by W.	4	S. by W.	3	S.	3
	5	—	—	—	—	—	—	—	—	—	—	—	—
	6	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	7	S.E.	2	N.W.	2	N.W.	3	N.N.W.	4	N.N.W.	3	N.N.W.	3
	8	N.W.	4	N.W.	3	N.W.	4	N.W.	3	N.W.	1	N.W.	1
	9	N.N.W.	7	N.N.W.	7	N.N.W.	7	N.N.W.	6	N.N.W.	5	N.N.W.	4
	10	N.N.W.	4	N.N.W.	2	Calm.	—	S. by E.	5	S.E. by S.	8	S.E.	5
	11	N.W. by N.	7	N.N.W.	5	N.N.W.	5	N.W.	6	N.W.	3	N.W.	2
	12	—	—	—	—	—	—	—	—	—	—	—	—
	13	N.W.	7	N.W. by W.	9	N.W. by W.	9	N.W. by W.	9	N.W. by W.	9	W.S.W.	9
	14	N.W.	3	N.W. by N.	1	N.W.	1	N.W.	3	N.W.	3	N.W. by W.	4
	15	Calm.	—	N.W.	2	N.W.	2	N.W. by N.	3	N.W. by N.	4	N.W. by N.	4
	16	N.W. by N.	5	N.W. by N.	4	N.W. by N.	5	N.W. by N.	6	N.W. by N.	2	N.W. by N.	1
	17	N.N.W.	1	N.N.W.	1	Calm.	—	N.N.W.	1	N.N.W.	2	N.N.W.	2
	18	W. by S.	1	W. by S.	1	N.N.W.	1	N.N.W.	1	N.N.W.	3	N.N.W.	3
	19	—	—	—	—	—	—	—	—	—	—	—	—
	20	Calm.	—	Calm.	—	S.E.	1	S.E.	1	S.E.	1	S. by W.	1
	21	S.E.	1	S.E.	1	Calm.	—	Calm.	—	N.E. by N.	1	N. by W.	2
	22	S.E. by S.	3	S.E. by S.	1	S.S.E.	1	Calm.	—	Calm.	—	Calm.	—
	23	N.W. by N.	2	N.W. by N.	2	N.W.	3	N.W.	3	N.W.	3	N.N.W.	2
	24	N.N.W.	6	N.W. by W.	5	N.W.	2	N.W.	1	N.W.	1	N.W.	1
	25	N.N.W.	2	N.W.	3	N.W.	4	N.W.	4	N.W.	5	N.W.	1
	26	—	—	—	—	—	—	—	—	—	—	—	—
	27	N.W. by N.	7	N.N.W.	5	N.N.W.	3	N.N.W.	3	N.W. by N.	4	N.W. by N.	4
	28	N.	2	N.W. by W.	2	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	N.N.W.	2
	29	Calm.	—	S.E. by E.	1	N.	1	N.N.W.	2	N.W. by N.	4	N.W.	6
	30	N.W.	8	N.W.	6	N.N.W.	5	N.N.W.	4	N.	3	N.	3

DIRECTION AND FORCE OF THE WIND.

6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
S.E. by S.	2	S.E. by S.	2	S.E. by S.	2	S.E. by S.	1	E. by S.	2	E. by S.	1	1
E. by S.	2	E. by S.	2	E. by S.	2	E. by S.	1	E. by S.	1	Calm.	—	2
S.S.E.	6	S.S.E.	6	S.S.E.	6	S.S.E.	6	S.S.E.	6	S.S.E.	5	3
S. by E.	6	S. by E.	6	S.	5	S. by W.	7	S. by W.	6	S. by W.	6	4
S.S.E.	3	S.S.E.	1	S.S.E.	1	S. by E.	3	S.	3	S.	3	5
—	—	—	—	—	—	—	—	—	—	—	—	6
S.E. by E.	2	Calm.	—	S.E.	1	S.E.	2	S.E.	2	S.E.	2	7
N.E.	1	Calm.	—	N.W.	1	N. by W.	3	N.W. by N.	3	N.W.	3	8
N.N.W.	6	N.W. by N.	5	N.W. by N.	6	N.W. by N.	6	N.N.W.	7	N.N.W.	7	9
N. by W.	8	N. by W.	5	N. by W.	7	N. by W.	7	N.N.W.	7	N.N.W.	5	10
N.W.	1	N.W.	4	N.W.	5	N.W.	5	N.W. by N.	5	N.W. by N.	4	11
S.S.W.	4	S.S.W.	2	N.W. by N.	2	N.W. by W.	2	N.W. by W.	4	N.W. by W.	5	12
—	—	—	—	—	—	—	—	—	—	—	—	13
W.	2	W. by S.	2	W.N.W.	4	N.W. by W.	3	N.W. by N.	4	N.W.	2	14
S. by E.	1	S. by E.	1	Calm.	—	Calm.	—	S. by E.	1	Calm.	—	15
N.N.W.	2	N.N.W.	5	N.N.W.	6	N.N.W.	6	N.N.W.	5	N.N.W.	5	16
N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	1	17
S.W. by W.	3	S.W. by W.	1	S.W. by W.	1	S.W. by W.	1	S.W. by W.	2	S.W. by W.	1	18
S. by E.	5	S. by E.	3	S. by E.	2	S. by E.	3	Calm.	—	Calm.	—	19
—	—	—	—	—	—	—	—	—	—	—	—	20
S.E.	1	S.E.	1	S.E.	1	Calm.	—	Calm.	—	S.E.	1	21
S.E. by S.	2	S.E. by S.	1	S.E. by S.	1	Calm.	—	Calm.	—	S.S.E.	2	22
S.E.	2	S.E.	1	S.E.	1	Calm.	—	Calm.	—	N.W. by N.	4	23
N.	4	N.W. by N.	5	N.W.	6	N.W.	7	N.W.	5	N.W.	5	24
N.W. by N.	1	N.W. by N.	1	N.W.	2	N.W.	2	N.W.	4	N.W.	3	25
N.W.	8	N.N.W.	6	N.N.W.	7	N.W.	4	N.W.	5	N.W.	4	26
—	—	—	—	—	—	—	—	—	—	—	—	27
S.E. by S.	2	S.E. by S.	1	S.E. by S.	1	S.E. by S.	1	Calm.	—	Calm.	—	28
S.E.	1	S.E.	1	S.E.	1	S.E.	1	S.E.	1	S.E.	1	29
N.W. by N.	6	N.N.W.	4	N.N.W.	7	N.N.W.	7	N.N.W.	8	N.W. by N.	8	30

SEPTEMBER.

18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.E.	1	N.E.	1	N.E.	1	N.E.	1	N.	1	N.	1	1
E.S.E.	2	E.S.E.	3	S.E. by S.	2	S.E. by E.	4	S.E. by E.	3	S. by E.	4	2
S. by E.	7	S. by E.	7	S.S.E.	6	S.S.E.	6	S. by E.	6	S.E.	6	3
S.	1	S.	3	S.	3	S.	3	S.E. by S.	4	S.S.E.	4	4
—	—	—	—	—	—	—	—	—	—	—	—	5
Calm.	—	Calm.	—	N.N.W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	3	6
N.W.	3	N.W. by N.	3	N.W. by W.	3	N.W.	3	N.W.	3	N.N.W.	3	7
N.W.	1	N.W.	1	N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	8
N.W. by N.	4	N.N.W.	8	N.N.W.	9	N.N.W.	8	N. by W.	7	N. by W.	8	9
S.E.	4	S.E.	3	N.	4	N.	2	N. by W.	4	N.N.W.	4	10
N.W. by W.	2	N.W. by W.	1	N.W. by W.	2	N.	3	N.N.W.	4	N.	4	11
—	—	—	—	—	—	—	—	—	—	—	—	12
S.W. by S.	8	W.	8	S.W.	2	S.W.	4	S.S.W.	4	S.W. by S.	3	13
N.W. by W.	4	N.W. by W.	4	N.W. by W.	3	N.N.W.	4	N.W.	4	N.W.	2	14
W.N.W.	2	W.N.W.	1	N.N.W.	3	N. by W.	3	N. by W.	5	N. by W.	4	15
N.W. by N.	1	Calm.	—	Calm.	—	N.W.	2	N.W. by N.	3	N.N.W.	3	16
N.N.W.	2	N.N.W.	1	N.W. by N.	3	N. by W.	5	N.N.W.	4	N.N.W.	3	17
N.N.W.	3	N.N.W.	4	N.W. by N.	5	N.N.W.	4	S. by W.	4	S.W.	3	18
—	—	—	—	—	—	—	—	—	—	—	—	19
S.W. by W.	1	W.	2	N.W. by W.	2	N.W.	2	N.W.	3	N.W. by N.	2	20
N. by W.	2	N.N.W.	4	N.N.W.	4	N.N.W.	3	N.W.	4	N.W.	4	21
W. by N.	2	W. by N.	1	N.W.	3	N.W.	3	N.N.W.	3	N.N.W.	3	22
N.W. by N.	3	N.W. by N.	2	N.W. by N.	3	N.W. by N.	3	N.W. by N.	4	N.	3	23
N.N.W.	1	N.W.	2	N.W.	2	N.W. by N.	4	N.W. by N.	3	N.N.W.	4	24
N.N.W.	2	N.W.	1	N.N.W.	4	N.N.W.	6	N.N.W.	6	N. by W.	8	25
—	—	—	—	—	—	—	—	—	—	—	—	26
N.W. by N.	4	N.N.W.	4	N.N.W.	4	N.N.W.	5	N.N.W.	4	N.N.W.	4	27
N.N.W.	3	N.N.W.	3	N.N.W.	3	Calm.	—	N. by W.	3	N. by W.	3	28
N.W. by W.	7	N.W. by N.	7	N.W.	7	N.W. by W.	6	N.W. by N.	5	N.W. by N.	5	29
N.N.W.	4	N.N.W.	3	N.W. by N.	2	N.W. by N.	3	N.N.W.	3	N.E. by N.	3	30

SEPTEMBER.

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
NOVEMBER.	1	—	—	—	—	—	—	—	—	—	—	—	
	2	S.E. by S.	4	S.E.	4	S.E.	6	S.E.	5	S.E.	5	S.E.	3
	3	E. by N.	2	S.E.	2	S.E.	3	S.E.	5	S.E.	5	S.E.	4
	4	S.E.	5	S.E.	7	S.E.	7	S.E.	7	S.E.	6	S.E.	5
	5	S.E.	7	S.E.	5	S.E.	5	S.E.	6	S.E.	6	S.E.	5
	6	S.E. by S.	4	S.E.	4	S.E.	4	S.E.	6	S.E. by E.	4	S.E. by E.	3
	7	N.N.W.	8	N.N.W.	7	N.W. by N.	8	W.	7	W.	7	N.W.	5
	8	—	—	—	—	—	—	—	—	—	—	—	—
	9	E.	4	N.N.W.	5	S.E.	5	S.E. by S.	5	S.E. by S.	6	S.E. by S.	3
	10	N.W. by N.	6	N.W. by N.	6	N.W. by N.	6	N.N.W.	5	N.N.W.	4	N.N.W.	3
	11	W. by N.	5	N.W. by W.	6	N.W.	5	W.N.W.	5	W.N.W.	3	N.W. by W.	3
	12	N.W.	1	N.W.	2	S.S.E.	3	S.S.E.	2	S.S.E.	2	S.S.E.	2
	13	S.E. by S.	5	S.E. by S.	6	S.E. by S.	5	S.E. by S.	4	S.E. by S.	3	S.E. by S.	4
	14	S.E. by S.	1	S.E.	2	S.E.	2	S.E.	2	S.E.	2	S.E.	1
	15	—	—	—	—	—	—	—	—	—	—	—	—
	16	E.S.E.	3	S.E.	2	S.E.	1	S.E.	1	E.S.E.	2	S.E.	2
	17	S.	3	S. by E.	3	W.S.W.	5	N.W.	3	S.W.	3	S.S.W.	3
	18	S.E.	5	S.E.	4	S.E.	5	S.E.	4	S.E.	4	S.S.E.	4
	19	Calm.	—	N.N.W.	2	S.E.	3	S.E.	3	S.E.	4	S.E.	4
	20	S.E. by S.	6	S.E. by S.	5	S.S.E.	6	S.S.E.	6	S.S.E.	6	S.S.E.	6
	21	S.	7	S. by E.	6	S.	5	S.S.W.	4	S.S.E.	4	S.	4
	22	—	—	—	—	—	—	—	—	—	—	—	—
	23	E.S.E.	2	S.E. by E.	2	S.E.	4	S.E. by E.	6	N.E. by E.	5	N.E. by E.	3
	24	N. by E.	6	N. by E.	5	N. by E.	4	N.N.W.	4	N. by W.	6	N.N.E.	3
	25	N.N.W.	3	N.N.W.	2	N.N.W.	2	N.N.W.	4	N.N.W.	6	N.N.W.	5
	26	N.N.W.	4	N.W.	2	S. by E.	3	S.E. by E.	4	W.N.W.	5	W. by N.	5
	27	E. by S.	4	S.E.	4	S.E.	5	S.E.	4	S.E.	5	S.S.E.	3
	28	S.E.	3	S.E.	4	S.E.	3	S.E.	4	S.E.	5	S.E. by S.	5
	29	—	—	—	—	—	—	—	—	—	—	—	—
	30	Calm.	—	Calm.	—	N. by E.	2	W.N.W.	5	W.	7	Calm.	—

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
NOVEMBER.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	3	Calm.	—	Calm.	—	Calm.	—	S.E.	1	S.E.	1	W.S.W.	2
	4	N.W.	3	N.W.	2	N.W.	1	Calm.	—	Calm.	—	Calm.	—
	5	S.E.	1	S.E. by S.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	6	N.E. by E.	1	N. by W.	4	N.N.W.	4	N.N.W.	5	N.W.	4	N.W.	3
	7	—	—	—	—	—	—	—	—	—	—	—	—
	8	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	N.W. by N.	2	N.W. by N.	3	N.W. by N.	4
	9	N.W.	5	N.W.	5	N.W.	4	N.W.	3	N.N.W.	4	N.W. by N.	4
	10	N.W.	3	N.W.	4	N.	5	N.W.	6	N.N.W.	6	N.N.W.	5
	11	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	12	S.S.E.	2	S.S.E.	2	S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	1
	13	S.E. by S.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	14	—	—	—	—	—	—	—	—	—	—	—	—
	15	N.N.E.	1	N.N.E.	1	N.N.E.	1	N.N.E.	1	N.N.E.	1	Calm.	—
	16	S.E.	4	S.S.E.	6	S.E. by S.	6	S.E. by S.	6	S. by E.	6	S. by E.	5
	17	N.W. by N.	5	N.W.	3	N.W.	4	N.W.	4	N.W. by W.	5	N.W. by W.	4
	18	W. by S.	1	N.W.	1	N.W.	2	N.W.	3	N.W.	4	N.W.	3
	19	Calm.	—	S.E. by S.	1	S.E. by S.	1	S.E.	3	S.E.	2	Calm.	—
	20	N.W.	1	N.W.	2	N.W.	2	N.W.	2	N.W.	2	S.W.	2
	21	—	—	—	—	—	—	—	—	—	—	—	—
	22	Calm.	—	S.S.E.	1	S.S.E.	1	Calm.	—	Calm.	—	Calm.	—
	23	N. by W.	5	N. by W.	4	N.N.W.	3	N.W. by N.	3	N.W. by N.	2	N.W. by N.	2
	24	N. by E.	1	N. by E.	3	N. by E.	3	N. by E.	3	N. by E.	1	N. by E.	1
	25	N.N.W.	4	N.N.W.	3	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	1
	26	W. by S.	1	W. by S.	1	W. by S.	1	Calm.	—	Calm.	—	Calm.	—
	27	S.S.E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	28	—	—	—	—	—	—	—	—	—	—	—	—
	29	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	30	N.W. by N.	4	N.W. by N.	9	N.N.W.	8	W. by N.	8	W.N.W.	8	W.N.W.	9

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
—	—	—	—	—	—	—	—	—	—	—	—	1
S.E.	2	S.E.	2	S.E.	1	S.E.	1	Calm.	—	Calm.	—	2
S.E.	2	S.E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	3
S.E.	4	S.E.	2	S.E.	2	S.E.	2	Calm.	—	N.W.	1	4
S.E.	6	S.E.	6	S.E.	4	S.E. by E.	2	S.E. by E.	1	Calm.	—	5
S.E. by S.	3	S.E. by E.	1	S.E. by E.	1	Calm.	—	Calm.	—	S.E. by E.	1	6
N.W. by W.	6	N.W. by W.	6	N.W. by W.	5	N.W.	6	N.W.	7	N.W.	7	7
—	—	—	—	—	—	—	—	—	—	—	—	8
S.E. by S.	1	S.E. by S.	1	Calm.	—	N.W. by W.	4	N.W.	6	N.W.	5	9
N.N.W.	3	N.N.W.	3	N.N.W.	4	N.W.	4	N.W.	1	N.W.	3	10
N.W. by W.	2	N.W. by W.	1	N.W. by W.	1	N.W. by W.	1	N.W. by W.	1	Calm.	—	11
S.S.E.	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	12
S.E. by S.	4	S.E. by S.	4	S.E. by S.	5	S.E. by S.	3	S.E. by S.	3	S.E. by S.	1	13
S.E.	1	Calm.	—	S.E.	1	S.E.	1	S.E.	1	S.E.	1	14
—	—	—	—	—	—	—	—	—	—	—	—	15
E.S.E.	3	E.S.E.	2	S.E. by E.	4	S.S.E.	5	S.S.E.	5	S.S.E.	6	16
S.S.W.	3	Calm.	—	Calm.	—	S.E. by E.	1	W. by N.	1	N.W. by N.	5	17
S.E. by S.	4	S.E. by S.	3	S.E. by S.	1	Calm.	—	Calm.	—	Calm.	—	18
S.E. by S.	3	S.E. by S.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	19
S.S.E.	5	S.E. by S.	4	S.E. by S.	3	S.	3	N.W.	2	N.W.	2	20
S. by W.	3	S.	2	Calm.	—	S.	3	S.	3	S.	3	21
—	—	—	—	—	—	—	—	—	—	—	—	22
N.N.E.	4	N.N.E.	3	N.	2	N.N.W.	1	N. by W.	5	N. by W.	5	23
N. by E.	2	N. by E.	2	N. by E.	2	Calm.	—	Calm.	—	N. by E.	1	24
N.N.W.	6	N.N.W.	6	N.N.W.	6	N.N.W.	6	N.N.W.	6	N.N.W.	4	25
N.W. by W.	6	N.W. by N.	3	N.N.W.	1	W. by S.	1	W. by S.	1	W. by S.	1	26
S.S.E.	2	S.S.E.	2	S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	1	27
S.E.	5	S.E. by E.	4	S.E. by E.	4	S.E.	3	Calm.	—	Calm.	—	28
—	—	—	—	—	—	—	—	—	—	—	—	29
S.S.E.	3	S.S.E.	3	S.S.E.	2	—	—	S.E. by S.	1	N.W.	3	30

NOVEMBER.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
Calm.	—	N. by W.	2	N.W. by N.	2	N.N.W.	2	N. by W.	2	E. by S.	2	1
Calm.	—	Calm.	—	N.N.E.	1	N.N.E.	2	N.N.E.	1	N.N.E.	1	2
W.S.W.	1	W.	2	N.W. by N.	4	N.N.W.	3	N.W. by N.	3	S.E.	3	3
Calm.	—	N.W.	2	N.W.	1	N.W.	1	N.W.	6	S.E.	7	4
Calm.	—	N. by E.	1	N. by E.	1	N.N.E.	2	E. by S.	3	E. by S.	3	5
N.W.	2	N.W.	3	N.W.	1	N.W.	2	N.N.W.	6	N.N.W.	7	6
—	—	—	—	—	—	—	—	—	—	—	—	7
N.W. by N.	4	N.W. by N.	4	N.W. by N.	4	N.N.W.	2	N.N.W.	2	E.N.E.	2	8
N.N.W.	6	N.N.W.	6	N.W.	6	N.W. by W.	5	N.N.W.	5	N.N.W.	4	9
N.N.W.	5	N.N.W.	5	N.N.W.	5	N.N.W.	6	W. by N.	5	W. by N.	6	10
Calm.	—	Calm.	—	Calm.	—	N.W. by W.	1	N.W.	1	N.W.	2	11
Calm.	—	S.S.E.	1	S.S.E.	2	S.S.E.	3	S.E. by S.	5	S.E. by S.	5	12
S.E.	1	S.E.	1	S.E.	1	S.E.	1	S.E.	1	S.E. by S.	1	13
—	—	—	—	—	—	—	—	—	—	—	—	14
Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.E.	1	E.S.E.	2	15
S. by E.	4	S. by E.	4	S.S.W.	2	N.W. by W.	1	N.W.	1	N.W.	1	16
N.W. by W.	4	N.W. by W.	4	N.N.W.	4	N.N.W.	1	S.E. by E.	3	S.E.	4	17
N.W. by N.	3	N.W. by N.	4	N.W. by N.	4	N.N.W.	4	N.N.W.	2	N.N.W.	1	18
Calm.	—	S.E.	2	S.E.	3	S.E.	3	S.E. by S.	5	S.E. by S.	5	19
S.	3	W.S.W.	4	S.	4	S.S.E.	5	S.S.W.	6	S.S.E.	6	20
—	—	—	—	—	—	—	—	—	—	—	—	21
Calm.	—	N.W. by N.	3	N.W. by N.	2	N.	1	N.N.W.	1	N.W.	1	22
N.W. by N.	2	Calm.	—	Calm.	—	N.N.W.	5	N.N.W.	3	N.N.W.	3	23
N.	1	N.	1	N.	2	N.N.W.	3	N.N.W.	4	N.W.	3	24
Calm.	—	N.N.W.	2	N.N.W.	1	N.N.W.	3	N.N.W.	4	N.N.W.	3	25
Calm.	—	Calm.	—	Calm.	—	N.W. by N.	2	N.N.W.	1	N.E. by E.	2	26
Calm.	—	S.S.E.	1	W.N.W.	1	N.W. by W.	1	S.E.	1	E.S.E.	2	27
—	—	—	—	—	—	—	—	—	—	—	—	28
N.N.E.	2	N.N.W.	3	N.N.W.	2	N.N.W.	2	Calm.	—	Calm.	—	29
W.N.W.	8	W.N.W.	6	W.N.W.	6	N.W.	6	N.W.	7	N.W.	6	30

NOVEMBER.

DIRECTION AND FORCE OF THE WIND.														
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .			
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		
DECEMBER.	1	N.W. by N.	6	N.W. by N.	6	N.W. by N.	6	N.W. by W.	5	N.W. by W.	4	N.W. by W.	3	
	2	S.E. by E.	3	S.E. by S.	5	S.E. by E.	5	S.E. by E.	6	S.E. by E.	5	S.E.	4	
	3	N.W. by W.	6	N.W.	6	N.N.W.	6	N.W.	3	N.W. by N.	4	N.W. by N.	3	
	4	N.W. by N.	5	N.W. by N.	5	N.W. by N.	5	W.N.W.	5	W. by S.	4	W. by S.	3	
	5	N.W. by N.	4	N.W.	4	N.W.	3	N.W.	3	S. by E.	2	S. by W.	3	
	6	—	—	—	—	—	—	—	—	—	—	—	—	—
	7	N.N.W.	3	S.E. by E.	3	S.E. by E.	5	S.E.	7	S.E.	7	S.E.	4	
	8	N.E. by N.	2	N. by E.	2	N. by E.	2	N. by E.	1	N.E. by N.	1	N.E.	2	
	9	N.N.W.	6	N.W.	6	N.N.W.	6	N.N.W.	6	N.	6	N.	6	
	10	Calm.	—	E.S.E.	2	S.E. by S.	3	S. by E.	1	S. by E.	1	S.S.E.	1	
	11	S.E. by S.	4	S.E. by S.	3	S.E. by S.	3	S.E. by S.	3	S.E. by S.	2	S.E. by S.	3	
	12	S.E.	5	S.S.E.	5	S.S.E.	5	S.S.E.	5	S. by E.	3	S. by E.	3	
	13	—	—	—	—	—	—	—	—	—	—	—	—	—
	14	S.E.	4	S.E.	4	S.E.	4	S.E.	3	S.E.	4	S.E.	3	
	15	E.S.E.	4	S.E.	3	S.E.	2	E. by S.	2	E. by N.	2	E. by N.	1	
	16	N. by W.	7	N. by W.	7	N.N.W.	7	N.W.	7	W.N.W.	7	N.W.	6	
	17	N.W. by W.	4	N.N.W.	4	N.W.	4	N.W.	3	N.W.	1	S.E. by E.	4	
	18	W.	6	N.W.	6	N.W.	6	N.W.	6	W.N.W.	5	N.W. by W.	2	
	19	W. by N.	8	N.W. by W.	7	N. by W.	7	N.W. by W.	7	N. by W.	7	N.W. by W.	7	
	20	—	—	—	—	—	—	—	—	—	—	—	—	—
	21	N.W. by N.	3	N.W. by N.	4	S.E. by E.	4	S.E. by E.	5	S.E. by S.	5	S.S.E.	5	
	22	N.W. by N.	3	N.N.W.	4	N.N.W.	4	N.N.W.	6	N.N.W.	8	N.N.W.	9	
	23	N.N.W.	4	N.W. by N.	6	N.W. by N.	6	N.W. by N.	6	N.W.	4	N.W.	4	
	24	S.E.	6	S.E.	7	S.E. by S.	7	S.E. by S.	8	S.E. by S.	8	S.E. by S.	8	
	25	—	—	—	—	—	—	—	—	—	—	—	—	—
	26	N.W. by W.	8	W.N.W.	8	W.S.W.	7	S.W.	7	W.	7	W.	7	
	27	—	—	—	—	—	—	—	—	—	—	—	—	—
	28	N. by W.	7	N.W.	7	N.N.W.	2	N.N.W.	4	N.N.W.	4	N.N.W.	4	
	29	E. by S.	3	E.S.E.	5	S.E. by E.	5	S.E. by E.	5	S.E. by E.	4	S.E. by E.	4	
	30	S.E.	5	S.E.	4	S.E.	5	S.E.	7	S.E.	7	S.E.	6	
	31	E.	4	E. by N.	4	E. by S.	5	E.	6	E.	6	E.	6	

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .				
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.				
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			
DECEMBER.	1	N.W.	3	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.W.	1		
	2	S.E.	1	Calm.	—	S.E.	1	S.E.	1	S.E.	1	W.S.W.	3		
	3	Calm.	—	Calm.	—	N.N.W.	3	N.N.W.	2	N.N.W.	2	N.W.	2		
	4	N.W. by W.	4	N.W. by W.	3	N.W.	4	N.W. by N.	5	W. by N.	6	W.N.W.	4		
	5	—	—	—	—	—	—	—	—	—	—	—	—	—	
	6	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.N.E.	2	N.N.W.	1		
	7	S.E. by S.	6	S.E. by S.	4	S.S.E.	3	S.S.E.	4	S.S.E.	3	S.S.E.	2		
	8	N. by E.	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.	2		
	9	N.N.W.	5	N.N.W.	5	N.N.W.	5	N.N.W.	5	N.N.W.	6	N.N.W.	5		
	10	N.N.W.	3	W.N.W.	4	N.W.	6	N.W.	6	N.W.	6	N.W. by N.	5		
	11	S.E.	1	S.E. by S.	1	S.E. by S.	2	S.E. by S.	1	Calm.	—	Calm.	—	—	
	12	—	—	—	—	—	—	—	—	—	—	—	—	—	
	13	S.E. by S.	2	S.E.	4	S.E.	3	S.E.	2	S.E.	3	S.E.	3		
	14	S.E.	1	S.E.	1	S.E.	1	S.E.	1	S.E.	1	S.E.	1	—	
	15	E. by N.	2	E.N.E.	3	N.N.W.	4	N.N.W.	1	N.N.W.	1	N. by W.	1	—	
	16	N.N.W.	1	W.N.W.	2	N.N.W.	2	N.W. by W.	2	N.N.W.	2	N.W.	2	—	
	17	N. by E.	1	N.	1	N.	1	N. by E.	1	N. by E.	2	N. by E.	1	—	
	18	N.W.	2	N.W.	1	N.W.	1	N.W.	1	N.W.	1	N. by W.	1	—	
	19	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20	N.W.	4	N.W.	4	N.W.	4	N.W.	3	N.W.	2	N.W.	2	—	
	21	N.E.	1	N.E.	1	Calm.	—	N.N.W.	1	N. by W.	2	N.	4	—	
	22	W. by S.	7	N.W. by N.	5	N.W. by N.	5	S.S.W.	5	S.W.	5	S.W.	4	—	
	23	N.W.	1	N.W.	1	N.W.	1	N.W.	1	N.W.	2	N.W.	1	—	
	24	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	25	Calm.	—	Calm.	—	S.S.E.	1	Calm.	—	Calm.	—	Calm.	—	—	—
	26	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27	N.W.	8	N.W.	6	N.W.	6	N.W.	6	N.W.	6	N.W.	6	—	—
	28	Calm.	—	N. by W.	3	N.N.W.	4	Calm.	—	Calm.	—	Calm.	—	—	—
	29	S.E.	4	S.E.	3	S.E.	1	Calm.	—	Calm.	—	Calm.	—	—	—
	30	Calm.	—	N.W. by N.	3	N.N.W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	3	—	—
	31	Calm.	—	E.	1	E.	1	E.	1	Calm.	—	E.	1	—	—

DIRECTION AND FORCE OF THE WIND.											Mean Van Diemen Island Time, Astronomical Reckoning.	
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.		Force.
N.W. by W.	2	N.W. by W.	2	N.W. by W.	1	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	1
S.E.	3	S.E.	2	Calm.	—	Calm.	—	Calm.	—	S.E.	1	2
N.W.	4	N.W. by W.	2	N. by W.	2	N.N.W.	3	N.W. by N.	1	N.W. by N.	1	3
N.W. by N.	4	N.W.	4	N.W. by W.	4	N.W. by W.	4	N.N.W.	4	N.W. by W.	4	4
W.N.W.	2	W.	1	N.W. by W.	3	N.W. by W.	3	N.W. by N.	4	N.W.	4	5
—	—	—	—	—	—	—	—	—	—	—	—	6
S.E. by E.	2	S.E. by E.	2	S.E. by E.	3	S.E. by E.	3	S.E. by E.	1	S.E. by E.	3	7
N.E. by N.	1	N.E. by N.	1	Calm.	—	N.N.E.	1	N. by E.	1	N. by E.	3	8
N.	6	N.N.W.	5	N.N.W.	6	N.N.W.	6	N.N.W.	5	N.N.W.	4	9
N.N.E.	4	N.N.W.	3	N.N.W.	4	W.N.W.	3	N.N.W.	3	W.N.W.	3	10
S.E. by S.	2	S.E. by S.	2	S.E. by S.	2	S.E.	1	S.E.	1	S.E.	1	11
S.S.E.	2	S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	1	N. by E.	5	12
—	—	—	—	—	—	—	—	—	—	—	—	13
S.E.	3	S.E.	2	S.E.	1	S.E.	1	S.E.	1	Calm.	—	14
E. by N.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N. by E.	1	15
N.W. by W.	5	N.W. by W.	4	N.W.	4	N.W.	5	N.N.W.	6	W.N.W.	2	16
S.E.	2	S.E.	2	S.E.	2	S.E.	1	E.N.E.	1	N. by E.	1	17
W.N.W.	4	N.N.W.	2	N.W.	4	N.W.	4	N.W.	4	N.W.	3	18
W.N.W.	7	N.W. by W.	7	N.W. by W.	7	N.N.W.	6	N.N.W.	5	N. by W.	6	19
—	—	—	—	—	—	—	—	—	—	—	—	20
S.S.E.	4	S.S.E.	4	S.S.E.	1	Calm.	—	N.E.	1	N.E.	1	21
N. by W.	9	N. by W.	3	N.W. by W.	8	N.W.	9	W.N.W.	8	N.W.	6	22
N.W.	3	N.W.	2	N.W.	1	Calm.	—	N.W.	1	N.W.	1	23
S.E. by S.	8	S.E. by S.	6	S.E. by S.	5	S.S.E.	2	S.S.E.	1	S.S.E.	1	24
—	—	—	—	—	—	—	—	—	—	—	—	25
W. by N.	6	N.W.	4	N.W. by W.	4	N.W.	7	N.W.	7	N.W. by N.	6	26
—	—	—	—	—	—	—	—	—	—	—	—	27
N.N.W.	4	E.	3	S. by E.	2	E. by S.	1	E. by S.	1	E. by S.	1	28
S.E.	5	S.E.	5	S.E.	2	Calm.	—	Calm.	—	S.E.	1	29
S.E. by S.	5	S.E. by S.	3	S.E. by S.	2	S.S.E.	1	S.S.E.	1	Calm.	—	30
E.	5	E.	2	E.	2	E.	2	E.	1	Calm.	—	31

DECEMBER.

DIRECTION AND FORCE OF THE WIND.											Mean Van Diemen Island Time, Astronomical Reckoning.	
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.		Force.
N.W.	1	N.W.	2	N.W. by N.	2	N.W. by N.	1	E. by S.	3	S.E.	3	1
W.S.W.	3	N.N.W.	4	N.N.W.	4	N.W. by N.	6	W. by N.	6	N.W. by N.	6	2
N.W. by N.	3	N.W.	3	W.N.W.	3	N.W.	4	N.N.W.	5	N.W.	6	3
N.W. by W.	3	N.W.	4	N.W.	4	N.W.	3	N.W.	3	N.W.	4	4
—	—	—	—	—	—	—	—	—	—	—	—	5
N.N.W.	1	N.N.W.	2	N.N.W.	4	N.N.W.	4	N.N.W.	4	N.N.W.	4	6
S.S.E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	7
N. by W.	4	N.W. by N.	5	N.W. by N.	6	N.N.W.	5	N.N.W.	4	N.N.W.	4	8
N.N.W.	5	N.N.W.	4	N.N.W.	6	N.N.W.	3	N.N.W.	1	N.N.W.	1	9
N.N.W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	4	E.S.E.	1	10
S.E.	1	S.E.	1	S.E.	2	S.E.	3	S.E.	4	S.E.	3	11
—	—	—	—	—	—	—	—	—	—	—	—	12
S.E. by S.	2	S.E.	2	S.E.	2	S.E.	2	S.E.	2	S.E.	3	13
S.E.	2	S.E.	2	S.E.	2	S.E.	1	S.E. by E.	1	N.E. by N.	2	14
N. by W.	1	N. by W.	1	N. by W.	1	N. by W.	2	N. by W.	3	N.N.W.	4	15
N.W.	2	N.W. by N.	2	N.W.	3	N.W.	3	N.N.W.	5	N.W.	4	16
N. by E.	2	N.N.W.	3	N.N.W.	3	N.W.	5	N.W. by W.	5	W.N.W.	7	17
N. by W.	3	N. by W.	5	N.W.	3	N.W.	4	N.W. by N.	4	N.W. by N.	6	18
—	—	—	—	—	—	—	—	—	—	—	—	19
N.W.	2	N.W.	2	N.E. by N.	2	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	20
N.N.W.	4	N.N.W.	4	N.N.W.	4	N. by W.	3	N. by W.	3	N.W. by N.	3	21
N.N.W.	3	N.W. by N.	3	N.W. by W.	2	N.W. by W.	3	N.N.W.	3	N.W. by W.	2	22
N.W.	1	N.W. by N.	3	N.W. by N.	3	N.W. by N.	4	N.N.W.	4	N.W. by N.	4	23
—	—	—	—	—	—	—	—	—	—	—	—	24
N.W. by N.	2	N.W. by N.	4	N. by W.	4	N. by W.	3	N.W. by N.	4	W.N.W.	4	25
—	—	—	—	—	—	—	—	—	—	—	—	26
N.W.	6	N.N.W.	6	N.W.	7	N.W.	7	N.N.W.	6	N. by W.	7	27
N.N.W.	1	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	3	28
Calm.	—	S.E.	1	S.E.	2	S.E.	4	S.E.	4	S.E.	3	29
N.N.W.	4	N.N.W.	3	N.N.W.	3	N.N.W.	2	E.N.E.	2	E.N.E.	2	30
N.N.E.	1	Calm.	—	Calm.	—	Calm.	—	N.	1	N.	1	31

DECEMBER.

DIRECTION AND FORCE OF THE WIND.														
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .			
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		
JANUARY.	1	N.	1	N.	2	N.	2	N.	3	N.	1	Calm.	—	
	2	E. by N.	7	S.E.	5	S.E.	5	S.E.	4	S.E.	4	S.E.	5	
	3	—	—	—	—	—	—	—	—	—	—	—	—	
	4	W.N.W.	4	N.W.	3	N.W.	3	N.W.	1	E.S.E.	5	S.E. by E.	5	
	5	W.N.W.	6	W.N.W.	6	N.W.	5	W.N.W.	4	N.W.	5	W.N.W.	4	
	6	N.N.W.	3	N.N.W.	3	N.W. by N.	3	N.N.W.	3	W.N.W.	4	W.N.W.	3	
	7	N.N.W.	9	N.N.W.	9	N.N.W.	9	N.N.W.	9	N.N.W.	9	N.W.	8	
	8	S.W.	4	N.W.	6	W.N.W.	6	N.W.	6	N.W.	6	N.W. by N.	6	
	9	N.N.W.	3	N.W. by W.	4	N.W. by W.	4	N.W. by W.	4	W.N.W.	4	W. by S.	3	
	10	—	—	—	—	—	—	—	—	—	—	—	—	—
	11	S.W.	2	W. by N.	6	S.W. by S.	4	W.S.W.	4	W.S.W.	4	W.S.W.	5	
	12	E.S.E.	3	E.S.E.	6	E.S.E.	5	S.E.	6	S.S.E.	6	S.S.E.	5	
	13	E.N.E.	3	N.W.	7	E.S.E.	9	E.S.E.	8	E.S.E.	7	E.S.E.	5	
	14	E.S.E.	6	E.S.E.	6	S.E. by E.	5	S.E. by E.	6	S.E. by E.	5	S.E. by E.	5	
	15	E.	2	E. by S.	4	E.S.E.	6	S.E.	7	S.E.	7	S.E. by S.	4	
	16	N.W. by W.	2	N.W. by W.	2	N.W. by W.	3	N.W. by W.	2	N.W. by W.	3	N.W. by W.	2	
	17	—	—	—	—	—	—	—	—	—	—	—	—	—
	18	S.E. by E.	7	S.E. by E.	7	S.E. by E.	7	S.E. by E.	7	S.E. by E.	4	S.E. by E.	3	
	19	E.	3	E. by S.	4	S.E.	5	S.E.	5	S.E.	5	S.E.	5	
	20	N.W. by N.	4	N.W. by N.	2	S.E.	3	S.E.	5	S.E. by S.	5	S.S.E.	4	
	21	S.E. by S.	5	S.E. by S.	5	S.E. by S.	6	S.E. by S.	6	S.E.	6	S.E.	5	
	22	N.N.W.	2	S.E. by S.	3	S.E. by S.	6	S.E. by S.	7	S.E. by S.	7	S.E. by S.	3	
	23	S.E. by S.	4	S.E. by S.	4	S.E. by S.	4	S.E. by S.	3	S.E.	2	S.E.	2	
	24	—	—	—	—	—	—	—	—	—	—	—	—	—
	25	N.W. by N.	5	W.N.W.	5	N.W.	6	N.W.	5	N.W.	5	W. by S.	6	
	26	N.W.	8	N.W. by N.	8	N.W. by N.	7	N.W.	7	N.W.	7	N.W.	6	
	27	W. by N.	4	N.W.	4	N.W. by N.	6	N.W. by N.	6	N.W. by N.	5	W.N.W.	5	
	28	N.W.	2	N.E.	3	S.E.	7	S.E.	7	S.E.	5	S.E.	4	
	29	S.E.	1	S.E.	1	S.E.	4	S.E.	6	S.E.	6	E.S.E.	5	
	30	S.E. by E.	6	S.E. by E.	6	S.E.	7	S.E.	7	S.E.	7	S.E.	7	
	31	—	—	—	—	—	—	—	—	—	—	—	—	—

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .			
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		
JANUARY.	1	N.	1	N.	1	N.	1	N.E. by E.	2	E.N.E.	4	E.N.E.	4	
	2	—	—	—	—	—	—	—	—	—	—	—	—	
	3	N.N.W.	2	N.N.W.	1	N.N.W.	3	N.W. by N.	4	N.W.	4	N.W.	4	
	4	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	
	5	N.W.	4	N.W.	2	N.W.	2	N.W.	2	N.W.	2	N.N.W.	2	
	6	N.W. by N.	5	N.W. by N.	5	N.W. by N.	4	N.N.W.	3	N.W.	3	N.W. by N.	3	
	7	Calm.	—	N.W.	1	N.W. by W.	1	Calm.	—	Calm.	—	Calm.	—	
	8	W.N.W.	5	W.N.W.	4	W.N.W.	4	W.N.W.	3	N.W. by W.	3	N.W. by W.	1	
	9	—	—	—	—	—	—	—	—	—	—	—	—	
	10	W. by N.	2	N.N.W.	6	N.N.W.	4	N.N.W.	6	N.N.W.	3	W.N.W.	5	
	11	W.N.W.	3	W.N.W.	1	N.W.	1	Calm.	—	Calm.	—	W.N.W.	2	
	12	N.W.	4	N.N.W.	6	N.W.	5	N.W.	5	N. by W.	3	N. by W.	2	
	13	E.S.E.	1	E.S.E.	1	E.S.E.	1	E.S.E.	1	E.S.E.	1	E.S.E.	1	
	14	S.E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	
	15	N.N.W.	1	N.N.W.	2	N.N.W.	1	N.N.W.	4	N.N.W.	6	N.W.	7	
	16	—	—	—	—	—	—	—	—	—	—	—	—	
	17	S.E.	1	S.E.	2	S.E.	1	S.E.	1	S.E.	1	S.E.	1	
	18	S.E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	
	19	W. by N.	6	N.W.	6	N.W.	5	N.W.	4	W.N.W.	2	W.N.W.	4	
	20	S.S.E.	1	S.S.E.	2	S.S.E.	2	S.S.E.	1	S.S.E.	1	S.S.E.	1	
	21	S. by E.	1	S. by E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	
	22	S.E. by S.	1	S.E.	1	S.E.	1	S.E.	2	S.E.	3	S.E. by S.	4	
	23	—	—	—	—	—	—	—	—	—	—	—	—	—
	24	N.W. by W.	1	N.W. by W.	1	N.W. by W.	3	N.W. by W.	4	N.W. by W.	5	N.W.	4	
	25	N.W. by W.	3	N.W.	4	N.W.	5	W.N.W.	4	W.N.W.	3	N.W.	3	
	26	N.W.	5	N.W.	5	N.W. by N.	5	N.W. by N.	7	W.N.W.	7	W.N.W.	6	
	27	N.W. by W.	4	W.N.W.	3	W.N.W.	3	W.N.W.	4	N.W. by W.	4	W. by N.	4	
	28	S.E.	1	S.E.	1	S.E.	1	Calm.	—	Calm.	—	Calm.	—	
	29	W.	1	W.	1	W.	1	W.	1	W.	1	W. by S.	1	
	30	—	—	—	—	—	—	—	—	—	—	—	—	—
	31	S.E. by S.	2	S.E. by S.	1	S.E. by S.	1	S.E. by S.	2	S.E. by S.	2	S.E. by S.	1	

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
Calm.	—	N.	1	N.	1	N.	1	Calm.	—	Calm.	—	1
S.E.	4	S.E.	6	S.E.	6	S.E.	4	S.E.	2	S.E.	3	2
—	—	—	—	—	—	—	—	—	—	—	—	3
S.E. by E.	3	S.E. by E.	3	S.E. by E.	2	S.E. by E.	2	S.E. by E.	1	Calm.	—	4
W.N.W.	3	W.N.W.	2	Calm.	—	Calm.	—	N.W.	1	N.W.	3	5
W.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	1	N.W. by N.	2	N.W.	1	6
W.N.W.	7	N.W.	3	N.W.	1	N.W. by N.	1	Calm.	—	Calm.	—	7
N.W. by N.	5	W.N.W.	4	N.W.	3	N.W. by N.	3	N.W. by N.	2	W.N.W.	4	8
W. by S.	2	S.S.E.	2	S.S.E.	2	S.S.E.	2	S.S.E.	2	S.S.E.	2	9
—	—	—	—	—	—	—	—	—	—	—	—	10
S.W.	2	W.	1	Calm.	—	Calm.	—	W.	1	W.N.W.	2	11
S.S.E.	5	S.S.E.	4	S. by E.	2	S. by W.	2	Calm.	—	N.W.	2	12
E.S.E.	3	E.S.E.	2	E.S.E.	2	Calm.	—	Calm.	—	Calm.	—	13
S.E. by E.	4	S.E.	3	S.E.	4	S.E.	3	S.E.	2	S.E.	1	14
S.E. by S.	2	E.N.E.	2	N.E. by E.	2	N. by W.	6	N.N.W.	5	N.N.W.	5	15
N.W. by W.	2	E.S.E.	6	E.S.E.	6	Calm.	—	S.E. by E.	2	S.E. by E.	2	16
—	—	—	—	—	—	—	—	—	—	—	—	17
S.E. by E.	2	S.E. by E.	1	S.E. by E.	1	S.E. by E.	1	Calm.	—	S.E.	2	18
S.E. by S.	3	S.E. by S.	2	S.E. by S.	1	S.E. by E.	1	S.E. by E.	1	N.N.W.	5	19
S.S.E.	5	S.S.E.	4	S.S.E.	3	S.S.E.	1	S.S.E.	2	S.S.E.	1	20
S. by E.	4	S.	3	S. by E.	3	S. by E.	3	S. by E.	2	S. by E.	2	21
S.E. by S.	4	S.E. by S.	4	S.E. by S.	2	S.E. by S.	1	S.E. by S.	1	S.E. by S.	1	22
S.E.	1	S.E.	1	N.E.	1	N.N.E.	2	N.N.E.	2	N.N.E.	2	23
—	—	—	—	—	—	—	—	—	—	—	—	24
N.W. by N.	5	N.W. by N.	2	W.	1	W.	1	W.	1	W.	3	25
N.W. by N.	6	N.N.W.	5	N.N.W.	7	N.N.W.	7	N.N.W.	6	N.W.	6	26
W.N.W.	5	N.W. by W.	5	N.W.	5	N.W.	4	N.W.	4	N.W. by W.	4	27
S.E.	4	S.E.	2	S.E.	1	S.E.	1	S.E.	1	Calm.	—	28
N.E.	3	N.E. by E.	2	S.E.	2	W. by S.	1	W. by S.	1	W.	2	29
S.E.	7	S.E.	4	S.E.	3	S.E.	3	S.E.	2	S.E.	2	30
—	—	—	—	—	—	—	—	—	—	—	—	31

JANUARY.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
S.	4	E. by S.	4	E. by S.	4	E. by N.	6	E.	8	E.S.E.	7	1
—	—	—	—	—	—	—	—	—	—	—	—	2
N.W.	4	N.W.	4	W.N.W.	4	W.N.W.	4	W.N.W.	3	W.N.W.	2	3
Calm.	—	Calm.	—	Calm.	—	W.N.W.	6	N.W. by W.	5	N.W.	4	4
N.W. by N.	4	N.N.W.	5	N.N.W.	4	N.W.	3	N.N.W.	3	N.N.W.	3	5
N.W. by N.	4	N.N.W.	4	N.N.W.	4	N.N.W.	5	N.N.W.	8	N.N.W.	7	6
Calm.	—	W.N.W.	2	S.W.	2	S.	1	N.W. by N.	5	W. by S.	4	7
N.W. by W.	1	N.W.	2	N.W. by N.	4	N.W.	1	N.N.W.	4	N.N.W.	4	8
—	—	—	—	—	—	—	—	—	—	—	—	9
N.W. by N.	4	N.W.	5	N.W. by W.	6	W.N.W.	6	W.	7	W.	7	10
W.N.W.	4	W.N.W.	3	N.N.W.	2	N.N.W.	2	N.N.W.	2	E.S.E.	2	11
N.N.W.	1	N.N.W.	4	N.N.W.	4	N.N.W.	3	N.N.W.	2	N.N.W.	1	12
E.S.E.	1	E.S.E.	1	S.E.	2	E.S.E.	4	E.S.E.	4	E.S.E.	5	13
S.E.	1	S.E.	1	S.E.	1	S.E.	1	N.W.	1	N.W.	1	14
N.W.	7	N.W. by W.	8	N.W. by W.	8	N.W.	8	N.W.	5	N.W.	4	15
—	—	—	—	—	—	—	—	—	—	—	—	16
S.E.	1	N.	1	N.	1	N.	1	E. by N.	3	S.E. by E.	6	17
Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.N.E.	1	N.E.	2	18
W.N.W.	4	W.N.W.	4	N.W.	4	N.W.	4	E. by N.	4	N.W. by N.	5	19
S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	2	S.S.E.	2	S.S.E.	4	20
S.	1	N.N.W.	3	N.N.W.	4	N.N.W.	4	N.N.W.	4	N.N.W.	4	21
S.E. by S.	4	S.E. by S.	4	S.S.E.	3	S.S.E.	2	S.S.E.	3	S.E. by S.	4	22
—	—	—	—	—	—	—	—	—	—	—	—	23
N.W.	3	N.W.	3	N.W. by N.	4	N.W. by N.	5	N.W. by N.	6	N.W. by N.	5	24
N.W.	3	N.W.	4	N.N.W.	3	N.W. by N.	5	N.N.W.	7	W.N.W.	8	25
N.W.	6	N.W.	6	N.W.	7	N.W.	6	N.W. by N.	7	N.W. by N.	7	26
W. by N.	3	N.W.	2	N.W.	3	N.W.	3	N.W. by N.	3	N.W.	2	27
Calm.	—	Calm.	—	Calm.	—	Calm.	—	S.E.	1	S.E.	1	28
W. by S.	1	W. by S.	3	N.W. by N.	1	N.W. by N.	3	E.S.E.	2	E.S.E.	4	29
—	—	—	—	—	—	—	—	—	—	—	—	30
Calm.	—	S.E.	3	S.E. by S.	3	S.E. by S.	3	S.E. by S.	3	S.E.	5	31

JANUARY.

DIRECTION AND FORCE OF THE WIND.														
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .			
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		
FEBRUARY.	1	S.E.	5	S.E.	6	S.E. by S.	6	S.E. by S.	7	S.E. by S.	7	S.E. by S.	6	
	2	E.S.E.	4	S.E. by E.	4	S.E.	4	S.E.	4	S.E.	5	S.E.	4	
	3	S.E. by S.	4	S.E.	7	S.E. by S.	7	S.E. by S.	7	S.E.	7	S.E.	7	
	4	S.E.	3	S.E.	3	S.E.	4	S.E.	6	S.E.	6	S.E.	5	
	5	S.E. by S.	5	E. by S.	4	S.E. by E.	5	E.S.E.	4	E.S.E.	5	S.E. by S.	4	
	6	S.E.	5	S.E.	4	S.E.	5	S.E.	5	S.E.	6	S.E.	5	
	7	—	—	—	—	—	—	—	—	—	—	—	—	—
	8	N.W.	2	N.N.W.	1	S.E.	4	S.E.	4	S.E.	5	S.E. by S.	5	
	9	E.S.E.	4	E.S.E.	5	S.E. by S.	6	S.E. by S.	6	S.E.	6	S.E.	6	
	10	N.N.E.	2	W. by S.	3	S.W.	2	S.W.	3	S.W.	3	S.E.	5	
	11	S.E.	5	S.E.	5	S.E.	6	S.E.	6	S.E.	6	S.E.	6	
	12	S.E.	5	S.E.	6	S.E.	6	S.E.	6	S.E.	6	S.E.	6	
	13	N.W. by W.	1	W.	4	W.N.W.	3	W.N.W.	3	W.N.W.	1	S.E.	6	
	14	—	—	—	—	—	—	—	—	—	—	—	—	—
	15	N.W. by N.	4	N.W. by N.	5	N.W. by N.	5	N.W.	4	N.W. by W.	3	N.W. by W.	5	
	16	W.	6	W. by S.	6	W.N.W.	4	N.W. by W.	4	N.W.	4	N.W.	3	
	17	N.W. by N.	7	N.W. by N.	7	N.W.	7	N.W. by N.	7	N.W. by N.	7	N.W. by N.	7	
	18	E.S.E.	4	E.S.E.	5	E.S.E.	6	E.S.E.	6	S.E.	6	S.E.	5	
	19	N.W.	2	N.W.	2	N.N.W.	2	S.E.	4	S.E.	4	S.E.	4	
	20	N.W.	3	N.W.	3	E.	3	E.S.E.	3	E.S.E.	3	E.S.E.	3	
	21	—	—	—	—	—	—	—	—	—	—	—	—	—
	22	E.S.E.	6	E. by E.	4	S.E. by S.	6	S.E. by E.	6	S.E. by E.	6	S.E. by E.	5	
	23	N.W. by N.	2	E.	3	E.	3	E.	3	E.	2	E.	2	
	24	S.E. by E.	2	S.E. by E.	6	S.E.	5	S.E.	5	S.E. by S.	4	S.E. by S.	5	
	25	S.E.	3	S.E.	2	S.E. by S.	3	S.E. by S.	3	S.E. by S.	4	S.E. by S.	3	
	26	S.E. by S.	4	S.E. by S.	4	S.E. by S.	5	S.E. by S.	6	S.E. by S.	5	S.E. by S.	5	
	27	W.N.W.	4	W.	7	N.W. by N.	7	W.	8	W.	8	W. by N.	8	
	28	—	—	—	—	—	—	—	—	—	—	—	—	—

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .			
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		
FEBRUARY.	1	S.E. by S.	2	S.E. by S.	1	S.E. by S.	1	Calm.	—	Calm.	—	Calm.	—	
	2	S.E.	1	S.E.	1	S.E.	1	S.E.	1	Calm.	—	Calm.	—	
	3	S.E.	1	Calm.	—	S.E. by S.	1	S.E. by S.	1	S.E. by S.	1	Calm.	—	
	4	S.E. by S.	2	S.E. by S.	1	S.E. by S.	2	S.E. by S.	2	S.E. by S.	2	S.E. by S.	2	
	5	S.E.	5	S.E.	4	S.E.	3	S.E.	2	S.E.	2	S.E.	2	
	6	—	—	—	—	—	—	—	—	—	—	—	—	—
	7	S.E.	1	N.N.W.	2	N.N.E.	1	N.	2	N.	3	N.	2	
	8	S.E. by S.	2	S.E. by S.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	—
	9	S.E.	1	S.E.	1	S.E.	1	S.E.	1	S.E.	1	S.E.	1	
	10	S.	6	S. by E.	4	S. by E.	4	S. by E.	2	S. by E.	1	S. by E.	1	
	11	S.E.	1	S.E.	1	S.E.	1	S.E.	1	S.E.	1	S.E.	1	
	12	S.E. by S.	1	S.E. by S.	1	N.W. by W.	2	N.W. by W.	2	N.W. by W.	2	N.W. by W.	2	
	13	—	—	—	—	—	—	—	—	—	—	—	—	—
	14	N.N.W.	6	N.N.W.	4	N.N.W.	4	N.N.W.	4	N.N.W.	4	N.W. by N.	4	
	15	N.W.	7	N.W.	6	N.W.	6	N.W.	6	N.W.	6	N.W.	6	
	16	N.W. by N.	7	N.W. by N.	7	N.W.	7	N.W.	7	N.W.	6	N.W.	6	
	17	N.W.	6	N.N.E.	5	N.W.	4	N.W.	4	N.W.	4	N.W.	4	
	18	S.E.	2	S.E.	1	S.S.E.	1	S.S.W.	1	S.S.W.	1	S.S.W.	1	
	19	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	—
	20	—	—	—	—	—	—	—	—	—	—	—	—	—
	21	N.N.W.	3	S.W.	3	S.W.	4	S.W. by S.	4	S.W. by S.	4	E.S.E.	4	
	22	Calm.	—	Calm.	—	N.N.W.	1	N. by W.	4	N. by W.	4	N.N.W.	4	
	23	Calm.	—	S.E. by E.	2	S.E. by E.	1	S.E. by E.	1	S.E. by E.	1	S.E.	1	
	24	S.E.	2	S.E.	1	S.E.	2	S.E.	2	S.E.	2	S.E.	2	
	25	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	—
	26	N.N.W.	3	N.N.W.	2	N.N.W.	3	N.N.W.	4	N.W.	4	N.W.	2	
	27	—	—	—	—	—	—	—	—	—	—	—	—	—
	28	W.N.W.	3	W.N.W.	3	W.N.W.	4	W.N.W.	5	N.W.	6	N.W.	6	

DIRECTION AND FORCE OF THE WIND.												
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
S.E. by S.	5	S.E. by S.	4	S.E. by S.	3	S.E. by S.	3	S.E. by S.	2	S.E. by S.	2	1
S.E.	4	S.E.	3	S.E.	2	S.E.	2	S.E.	1	S.E.	1	2
S.E.	6	S.E.	5	S.E.	4	S.E.	2	S.E.	2	S.E.	2	3
S.E.	5	S.E.	5	S.E.	4	S.E. by S.	2	S.E. by S.	2	S.E. by S.	2	4
S.E. by S.	3	S.E. by S.	4	S.E. by S.	4	S.E. by S.	5	S.E.	5	S.E.	5	5
S.E.	4	S.E. by S.	5	S.E. by S.	4	S.E. by S.	2	S.E. by S.	1	S.E. by S.	1	6
—	—	—	—	—	—	—	—	—	—	—	—	7
S.E. by S.	4	S.E. by S.	4	S.E. by S.	2	S.E. by S.	3	S.E. by S.	2	S.E. by S.	2	8
S.E.	5	S.E.	5	S.E.	3	S.E.	1	S.E.	2	S.E.	1	9
S.E.	6	S.E.	5	S.E.	4	S. by W.	5	S.S.E.	4	S.	5	10
S.E.	6	S.E.	5	S.E.	3	S.E.	2	S.E.	1	S.E.	1	11
S.E.	5	S.E.	3	S.E.	2	S.E.	1	S.E.	1	Calm.	—	12
S.E.	5	S.E.	4	S.E.	1	Calm.	—	Calm.	—	S.E.	1	13
—	—	—	—	—	—	—	—	—	—	—	—	14
N.W. by N.	4	N.W. by N.	3	N.W. by N.	4	N.W.	2	N.W.	6	N.W.	7	15
N.W.	4	N.W.	3	N.W.	4	N.W.	4	N.W. by N.	6	N.N.W.	6	16
N.W. by W.	6	N.W. by W.	5	N.W. by W.	5	N.W. by W.	5	N.W. by N.	5	N.W. by W.	5	17
S.E.	4	S.E.	3	S.E.	3	S.E.	2	S.E.	2	S.E.	2	18
S.E.	3	S.E.	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—	19
E.S.E.	2	E.S.E.	1	E.S.E.	1	Calm.	—	Calm.	—	N.W.	1	20
—	—	—	—	—	—	—	—	—	—	—	—	21
S.E. by E.	5	S.E. by E.	3	S.E. by E.	2	S.E. by E.	3	S.E. by E.	2	S.E. by E.	1	22
E.	3	S.E. by E.	5	S.E. by E.	2	E. by S.	1	E. by S.	1	Calm.	—	23
S.E. by S.	5	S.E. by S.	5	S.E. by S.	4	Calm.	—	S.E.	1	S.E.	1	24
S.E. by S.	1	S.E. by S.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	25
S.E.	3	S.E.	2	S.E.	2	S.E.	2	N.N.W.	3	N.N.W.	3	26
W.N.W.	8	W.N.W.	7	W.N.W.	7	W.N.W.	4	S.E. by E.	2	N.W.	3	27
—	—	—	—	—	—	—	—	—	—	—	—	28

FEBRUARY.

DIRECTION AND FORCE OF THE WIND.												
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
Calm.	—	S.E.	1	S.E.	1	S.E.	1	E.	1	E. by S.	2	1
Calm.	—	Calm.	—	Calm.	—	S.E.	1	S.E.	3	S.E.	3	2
Calm.	—	S.E.	2	S.E.	2	S.E.	2	S.E.	3	S.E.	3	3
S.E. by S.	2	S.E. by S.	1	S.E. by S.	1	S.E. by S.	1	S.E.	6	S.E. by S.	5	4
S.E.	2	S.E.	2	S.E.	3	S.E.	3	S.E.	3	S.E.	4	5
—	—	—	—	—	—	—	—	—	—	—	—	6
N.	1	N.	1	N.	1	N.	1	N.N.W.	2	N.N.W.	2	7
Calm.	—	S.E. by S.	1	S.E. by S.	1	N. by E.	1	N.	2	E. by N.	3	8
S.E.	1	S.W.	1	N.W. by N.	3	N.E.	2	E.	3	N.N.W.	2	9
W.S.W.	1	W.S.W.	3	S.W. by W.	3	S.W. by W.	2	S.S.E.	3	S.E.	5	10
S.E.	1	W.S.W.	1	W.S.W.	1	W.N.W.	1	W.S.W.	2	E.S.E.	3	11
N.W. by W.	2	N.W. by W.	1	N.W. by W.	2	N.W. by W.	1	N.W. by W.	3	N.W. by W.	2	12
—	—	—	—	—	—	—	—	—	—	—	—	13
N.N.W.	4	N.W. by N.	4	N.N.W.	4	N.W.	4	N.W. by W.	3	N.W. by W.	5	14
N.W.	7	W.	7	S.W. by S.	7	W.S.W.	5	W.N.W.	5	S.W. by W.	6	15
N.W.	5	N.W.	4	N.N.W.	5	N.W.	7	N.W.	7	N.W.	5	16
N.W. by W.	4	N.N.W.	2	N.W.	2	N.N.W.	3	N.N.W.	4	E.S.E.	3	17
Calm.	—	S.W. by W.	1	S.W. by W.	1	N.W.	1	N.W.	2	N.W.	2	18
Calm.	—	N.N.W.	1	N.N.W.	1	N.W.	2	N.W.	2	N.W.	2	19
—	—	—	—	—	—	—	—	—	—	—	—	20
S.E. by E.	3	S.E. by E.	4	S.E. by E.	4	S.E. by E.	4	E.S.E.	5	E.S.E.	6	21
N.N.W.	2	N.W.	4	N.W.	5	N.W.	5	N.N.W.	3	N.N.W.	2	22
S.E. by S.	1	S.E. by S.	2	S.E. by E.	2	S.E. by E.	3	S.E. by E.	3	S.E. by E.	4	23
S.E.	2	S.E.	3	S.E.	3	S.E.	1	S.E.	1	S.E.	2	24
Calm.	—	S.E.	1	S.E.	1	S.E.	1	S.E. by S.	1	S.E. by S.	2	25
N.W.	1	N.W.	1	N.W.	2	N.W. by N.	5	N.W. by N.	3	W.N.W.	4	26
—	—	—	—	—	—	—	—	—	—	—	—	27
N.W. by W.	5	N.W. by N.	4	N.W. by W.	4	N.W.	4	N.W. by N.	4	N.W. by N.	5	28

FEBRUARY.

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
MARCH.	1	N.W. by N.	5	N.W.	2	W. by S.	4	W.N.W.	5	W.N.W.	4	W.N.W.	4
	2	S.W.	7	S.W. by S.	9	W.	8	S.W. by W.	7	S.W.	6	S.W. by S.	4
	3	E.S.E.	4	E.S.E.	4	S.E. by E.	5	S.E.	5	S.E.	5	S.E. by S.	4
	4	N.W. by W.	3	S.E. by S.	2	S.E. by S.	3	S.E.	4	S.E.	4	S.E.	3
	5	N.N.W.	1	N.W. by N.	1	N.W. by N.	2	N.W. by N.	2	E. by S.	2	E. by S.	2
	6	S.E.	5	S.	8	S.E. by S.	7	S. by E.	5	S.E. by S.	4	S.S.E.	4
	7	—	—	—	—	—	—	—	—	—	—	—	—
	8	W. by N.	4	E.N.E.	2	N.W. by W.	5	W.N.W.	4	N.W.	3	N.W.	3
	9	S.E.	3	S.E.	3	S.E.	3	S.E. by S.	3	S.E. by S.	3	S.E. by S.	2
	10	S.E. by S.	4	S.E. by S.	5	S.E.	6	S.E.	5	S.E.	5	S.E.	5
	11	N.W.	7	N.N.W.	9	N.N.W.	9	N.N.W.	9	N.W. by N.	9	N.W. by N.	8
	12	N.W. by W.	6	W. by S.	3	W.	4	S.W. by W.	4	S.W. by W.	4	S.W. by S.	3
	13	N.N.W.	6	N.W. by W.	4	N.W.	6	N.W.	6	N.W.	5	N.W.	5
	14	—	—	—	—	—	—	—	—	—	—	—	—
	15	N.W.	4	N.N.W.	3	N.W.	3	N.W.	2	N.W. by N.	2	N.W. by N.	3
	16	N.N.W.	7	N.N.W.	8	N.W. by N.	8	N.W. by N.	7	N.W. by N.	7	N.W. by N.	8
	17	S. by W.	6	S. by W.	6	S.S.W.	6	S. by W.	4	S. by W.	3	S. by W.	3
	18	N.W. by N.	6	N.N.W.	5	N.W.	5	N.W. by W.	4	N.W.	4	N.W.	4
	19	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	E.S.E.	3	E.S.E.	2
	20	E.S.E.	3	E.S.E.	3	E.S.E.	4	E.S.E.	3	E.S.E.	4	E.S.E.	3
	21	—	—	—	—	—	—	—	—	—	—	—	—
	22	N.W. by N.	6	N.N.W.	6	N.N.W.	6	N.W. by W.	6	N.W. by W.	6	N.N.W.	6
	23	S.W.	6	S. by W.	4	S. by W.	2	S.E. by E.	6	S.E.	3	S.E.	2
	24	N.N.E.	2	E. by S.	3	N.E. by E.	4	S.E. by E.	4	S.E. by S.	3	S.E. by S.	3
	25	E.	2	E.	2	N.E.	2	N.E.	3	N.E.	2	N.E.	1
	26	Calm.	—	N.E. by N.	1	N.E. by N.	1	N.E. by N.	1	N.E. by N.	2	Calm.	—
	27	E. by S.	2	E.S.E.	5	E.S.E.	3	S.E.	4	S.S.E.	4	S.S.E.	3
	28	—	—	—	—	—	—	—	—	—	—	—	—
	29	W.N.W.	3	N.W. by N.	5	W.N.W.	2	N.W. by W.	4	N.W.	2	N.W.	2
	30	S.S.E.	6	S.S.E.	5	S.S.E.	4	S.	4	S.S.E.	5	S.S.E.	3
	31	E.S.E.	4	E.S.E.	4	E.S.E.	4	E.S.E.	4	E.S.E.	4	E.S.E.	2

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
MARCH.	1	N.W.	8	N.W. by N.	7	N.N.W.	6	S.W. by W.	6	N.W. by W.	7	W.	7
	2	S.W. by S.	1	S.W. by S.	1	S.W.	1	W. by S.	1	N.W.	1	N.W.	2
	3	Calm.	—	S.E. by S.	2	S.E. by S.	2	S.E. by S.	2	S.E. by S.	2	S.E. by S.	1
	4	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	5	E. by S.	4	S.E. by E.	1	S.E. by S.	1	S.E. by S.	3	S.E. by S.	4	S.E. by S.	4
	6	—	—	—	—	—	—	—	—	—	—	—	—
	7	N.W. by N.	2	N.W. by N.	2	N.W. by N.	3	N.W. by W.	4	W.N.W.	4	N.W. by W.	2
	8	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	S.E.	1
	9	Calm.	—	Calm.	—	S.S.E.	1	S.S.E.	2	S.S.E.	1	S.S.E.	1
	10	S.E.	2	Calm.	—	S.E. by S.	1	S.E. by S.	1	Calm.	—	N.W.	1
	11	N.N.W.	7	N.W. by N.	2	N.W. by N.	3	N.W.	3	N.W.	4	N.W.	6
	12	S.	6	W.	3	W.S.W.	5	W.S.W.	5	N.N.W.	5	N.N.W.	4
	13	—	—	—	—	—	—	—	—	—	—	—	—
	14	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	N.W.	2	N.W.	1	N.W.	2
	15	N.W. by N.	4	N.W. by W.	6	N.W. by N.	6	N.W. by W.	6	N.W. by N.	6	Calm.	—
	16	N.W. by N.	5	N.W.	4	Calm.	—	N.W.	1	N.W.	3	N.W.	4
	17	W.	1	W.N.W.	2	N.W. by N.	3	W.N.W.	3	W.N.W.	2	W.N.W.	3
	18	N.W.	3	N.W.	2	N.W.	2	N.W.	2	N.W.	2	N.W.	2
	19	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	20	—	—	—	—	—	—	—	—	—	—	—	—
	21	N. by W.	4	N. by W.	5	N.N.W.	4	N.N.W.	4	N.N.W.	4	N.N.W.	4
	22	S.S.W.	4	N.W. by W.	4	W. by S.	3	W. by S.	1	W. by S.	1	S.W. by S.	2
	23	S.E. by E.	1	S.E. by E.	1	S.E. by E.	1	S.E. by E.	1	S.E. by E.	1	S.E. by E.	2
	24	Calm.	—	Calm.	—	Calm.	—	S.S.E.	1	S.S.E.	2	Calm.	—
	25	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	26	N.E. by N.	1	N.E. by N.	1	N.E. by N.	1	E.S.E.	3	E.S.E.	4	E.S.E.	5
	27	—	—	—	—	—	—	—	—	—	—	—	—
	28	N.W. by W.	4	N.W.	5	N.W.	4	N.W.	6	N. by W.	4	N. by W.	4
	29	E.S.E.	2	E.S.E.	2	E.S.E.	3	N.N.W.	3	S.S.W.	4	S.E.	4
	30	S. by W.	2	S. by W.	4	S. by W.	4	S. by W.	4	S. by W.	4	Calm.	—
	31	E.	2	N.E. by N.	2	N.N.E.	3	N. by W.	2	W.N.W.	3	W.N.W.	3

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
W.N.W.	4	W.N.W.	4	W.N.W.	4	N.W.	3	N.W.	5	N.W.	6	1
S.W. by S.	1	S.W. by S.	1	S.W. by S.	2	S.W. by S.	3	S.W. by S.	1	S.W. by S.	1	2
S.E. by S.	3	S.E. by S.	2	S.E. by S.	1	S.E. by S.	2	S.E. by S.	1	Calm.	—	3
S.E.	3	S.E. by E.	1	S.E. by E.	3	S.E. by E.	2	S.E. by E.	1	Calm.	—	4
E. by S.	2	E. by S.	3	E. by S.	1	E. by S.	1	E. by S.	2	E. by S.	4	5
S.E. by S.	3	S.E. by S.	1	E.S.E.	1	E.S.E.	3	E.S.E.	3	E.S.E.	3	6
—	—	—	—	—	—	—	—	—	—	—	—	7
S.E.	3	S.E.	1	S.E.	1	Calm.	—	S.E.	1	S.E.	1	8
S.E. by S.	2	S.E. by S.	2	S.E. by S.	1	S.S.E.	1	S.S.E.	1	Calm.	—	9
S.E. by S.	4	S.E. by S.	3	S.E. by S.	3	S.E.	2	S.E.	2	S.E.	2	10
N.W. by N.	7	N. by W.	2	N.N.W.	3	N.N.W.	1	N.N.W.	1	N.N.W.	3	11
W. by N.	4	W.	3	W.N.W.	2	S.W. by S.	4	W.	5	S.W.	6	12
N.W.	6	N.W.	5	N.W.	5	N.W.	4	N.W.	4	N.W.	6	13
—	—	—	—	—	—	—	—	—	—	—	—	14
N.W. by N.	2	N.W. by N.	1	N.W. by N.	1	N.W. by N.	4	N.N.W.	4	N.N.W.	2	15
N.W. by N.	7	N.W. by N.	6	N.W. by N.	5	N.W. by N.	3	N.W. by N.	5	N.W. by N.	5	16
S.S.W.	2	S. by W.	1	S. by W.	1	Calm.	—	S. by W.	1	W. by S.	4	17
N.W.	3	N.W.	2	N.W.	2	N.W.	2	N.W.	2	Calm.	—	18
E.S.E.	3	E.S.E.	2	E.S.E.	1	E.S.E.	1	Calm.	—	Calm.	—	19
E.S.E.	1	E.S.E.	2	E.S.E.	2	E.S.E.	2	E.S.E.	2	E.S.E.	1	20
—	—	—	—	—	—	—	—	—	—	—	—	21
N.W. by N.	7	N.W. by N.	7	N.W. by N.	6	N.W.	6	N.W.	5	W.N.W.	4	22
S.E.	1	S.E. by E.	1	S.E. by E.	1	Calm.	—	S.E. by E.	1	S.E. by E.	1	23
S.E. by S.	2	S.E. by S.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	24
N.E.	1	Calm.	—	Calm.	—	Calm.	—	E.N.E.	2	E.N.E.	2	25
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.E. by N.	1	26
S.S.E.	3	S.S.E.	3	S.S.E.	3	S.S.E.	2	S.S.E.	3	S.S.E.	2	27
—	—	—	—	—	—	—	—	—	—	—	—	28
E.S.E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	E.S.E.	1	29
S.S.E.	3	S.S.E.	3	S.S.E.	1	S.S.W.	3	S.S.W.	3	S. by W.	2	30
E.S.E.	2	E.S.E.	2	E.S.E.	2	S.E. by E.	2	S.E. by E.	2	E.S.E.	2	31

MARCH.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
W. by S.	7	W.S.W.	7	W.S.W.	6	W.S.W.	6	S.S.W.	8	S.S.W.	8	1
N.W.	3	N.W.	3	N.W.	3	N.W.	1	N.W.	2	N.W.	2	2
S.W.	2	W.	2	N.W. by W.	2	N.W. by W.	1	N.W. by W.	2	N.N.W.	2	3
Calm.	—	N.E.	2	N.N.E.	1	N.	1	N. by W.	2	N. by W.	2	4
S.E. by S.	4	S.S.E.	4	S.S.E.	5	S.S.E.	7	S.S.E.	6	S.S.E.	5	5
—	—	—	—	—	—	—	—	—	—	—	—	6
N.W.	2	N.W. by W.	2	N.W.	2	W.	4	N.W.	5	W.	4	7
Calm.	—	Calm.	—	Calm.	—	S.E.	1	S.E.	1	S.E.	1	8
S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	2	S.E. by S.	3	9
N.W.	1	N.W.	2	N.W.	2	N.W.	2	N.W.	2	N.W.	5	10
N.W.	7	N.W.	6	N.W.	6	N.W.	6	S.W. by S.	6	W. by N.	5	11
N.W. by N.	3	N.W. by N.	1	N.W. by W.	5	N. by W.	4	N.N.W.	4	N.N.W.	4	12
—	—	—	—	—	—	—	—	—	—	—	—	13
N.W.	2	N.N.W.	2	N.N.W.	2	N. by W.	2	N.N.W.	2	W.N.W.	4	14
Calm.	—	Calm.	—	N.W. by N.	3	N.W.	4	N.W. by N.	4	N.W. by N.	5	15
N.W. by W.	4	N.N.W.	3	N.W. by N.	3	S.S.W.	2	S.S.W.	3	S.S.W.	4	16
W.N.W.	3	N.N.W.	3	N.N.W.	2	N.W. by N.	4	N.W. by N.	5	N.W. by N.	6	17
N.W.	2	N.W.	4	N.W.	4	N.N.W.	3	N.N.W.	3	N.W. by N.	2	18
Calm.	—	Calm.	—	E.S.E.	1	Calm.	—	E.S.E.	2	E.S.E.	2	19
—	—	—	—	—	—	—	—	—	—	—	—	20
N.N.W.	4	N.N.W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	5	N.W.	6	21
N.W. by W.	4	N.W. by W.	2	W.N.W.	2	W.N.W.	3	S.W.	6	S.W.	7	22
S.E. by E.	2	E.N.E.	1	E.N.E.	1	N.E.	2	N.N.E.	3	N.N.E.	2	23
Calm.	—	S.E. by S.	1	S.E. by S.	1	S.E. by S.	1	S.E. by S.	1	S.E.	3	24
Calm.	—	Calm.	—	Calm.	—	N.E.	1	Calm.	—	Calm.	—	25
E. by S.	5	E. by S.	6	E. by S.	4	E.S.E.	3	E. by S.	3	E. by S.	3	26
—	—	—	—	—	—	—	—	—	—	—	—	27
N.N.W.	4	W.N.W.	2	W.N.W.	2	W.N.W.	2	N.W.	3	W.N.W.	3	28
S.E.	3	S.E.	3	S.E.	2	S.E. by S.	5	S.S.E.	7	S.	6	29
Calm.	—	S. by W.	2	S.	2	S.S.E.	4	S.E.	4	S.E. by E.	3	30
W.N.W.	2	W.N.W.	4	N.W. by N.	4	N.W. by N.	4	N.W. by N.	4	N.W. by N.	3	31

MARCH.

DIRECTION AND FORCE OF THE WIND.												
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .	
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	N.W. by N.	3	N.N.W.	3	E.S.E.	4	S.E. by S.	5	S.E.	5	S.E.	4
2	—	—	—	—	—	—	—	—	—	—	—	—
3	N.W.	3	N.W.	3	N.N.W.	3	N.N.W.	2	S. by E.	4	S. by E.	3
4	—	—	—	—	—	—	—	—	—	—	—	—
5	N.E.	2	N.E.	2	N.E.	2	N.E.	2	N.E.	1	N.E.	1
6	N.W. by N.	2	N.N.W.	2	N.N.W.	2	N.N.W.	1	N.N.W.	1	N.N.W.	1
7	N.W. by W.	3	N.W.	2	S.E.	6	S.E.	6	S.E.	5	S.E.	4
8	N.W. by N.	5	N.W. by N.	6	N.W. by N.	6	N.W. by N.	7	N.W. by W.	7	N.W. by N.	7
9	N.W. by N.	2	N.W. by N.	4	N.N.W.	5	N.W.	5	N.W.	3	Calm.	—
10	N.N.W.	2	N.N.W.	1	N.N.W.	2	N. by W.	2	N.E.	1	N.E.	1
11	—	—	—	—	—	—	—	—	—	—	—	—
12	N.W.	1	N.W.	1	N.W.	1	N.W.	3	Calm.	—	N.W. by N.	3
13	S.S.E.	4	S.E. by S.	4	S.E. by S.	6	S.E. by S.	6	S.S.E.	4	S. by E.	3
14	S.E. by S.	2	S.E. by S.	2	S.E. by S.	3	S.E. by S.	2	S.E. by S.	2	S.E. by S.	3
15	S.E. by S.	2	S.E. by S.	1	S.S.E.	1	S.E. by E.	1	S.E. by E.	1	S.E. by E.	1
16	N.	1	N.	1	N.	2	N.	2	N.	1	N.N.E.	2
17	S.E.	2	N.W.	2	N.W.	3	E.	3	E.	2	N.E. by E.	2
18	—	—	—	—	—	—	—	—	—	—	—	—
19	S. by E.	7	S.	6	S.	7	S.	7	S.E. by S.	6	S.E. by S.	4
20	N.N.W.	2	N. by W.	2	S.E. by E.	3	S.E. by E.	2	E.	1	N.W. by N.	1
21	N.N.W.	4	N.N.W.	4	N.W.	4	W.N.W.	3	W.N.W.	4	W.N.W.	3
22	N.W. by N.	4	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	2
23	N.W.	3	W.N.W.	2	W.N.W.	3	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2
24	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	N.N.W.	3	N.N.W.	3	N.N.W.	4
25	—	—	—	—	—	—	—	—	—	—	—	—
26	W.	7	N.N.W.	2	N.N.W.	4	N.N.W.	2	N.N.W.	2	N.N.W.	2
27	S.W. by S.	4	S.W. by S.	3	S. by W.	4	S. by E.	4	S.S.E.	3	S.S.E.	2
28	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2
29	N.W.	1	N.W.	3	N.W. by W.	2	N.W. by W.	2	N.W. by N.	2	N.W. by N.	1
30	N.N.W.	3	N.N.W.	3	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .	
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
1	—	—	—	—	—	—	—	—	—	—	—	—
2	S.S.E.	2	S.S.E.	3	S.S.E.	2	S.S.E.	2	S.S.E.	2	Calm.	—
3	—	—	—	—	—	—	—	—	—	—	—	—
4	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.E.	2
5	Calm.	—	N.W.	2	N.W. by W.	2	N.W.	3	N.W.	3	N.W. by W.	4
6	N.W.	4	Calm.	—	Calm.	—	Calm.	—	N.W.	3	N.W.	3
7	Calm.	—	Calm.	—	N.N.E.	3	Calm.	—	N.N.E.	2	N.	3
8	N.N.W.	8	N.W. by N.	8	N.W. by N.	8	N.W. by N.	6	N.W. by N.	4	N.W. by N.	5
9	S.W.	3	Calm.	—	S.S.W.	1	W. by S.	2	W. by S.	2	W. by S.	2
10	—	—	—	—	—	—	—	—	—	—	—	—
11	N.N.W.	4	N.N.W.	3	N.N.W.	2	N.N.W.	1	N.N.W.	1	N.N.W.	3
12	N.W.	1	Calm.	—	Calm.	—	Calm.	—	S.	2	S.	3
13	S.E. by S.	1	S.E. by S.	1	S.S.E.	1	S.S.E.	2	S.S.E.	2	Calm.	—
14	S.E. by S.	2	S.E. by S.	1	S.E. by S.	1	S.E. by S.	1	S.E. by S.	1	Calm.	—
15	Calm.	—	Calm.	—	S.E. by S.	1	S.E. by S.	1	S.E. by S.	1	S.E. by S.	1
16	N.N.E.	1	N. by E.	2	N. by E.	3	N. by W.	2	N. by W.	3	N.W.	3
17	—	—	—	—	—	—	—	—	—	—	—	—
18	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.W.	3
19	S.S.W.	2	S.S.E.	3	S.W. by W.	3	N.W. by W.	4	N.W.	3	N.W.	3
20	N.W. by W.	4	N.W. by W.	3	N.W. by W.	3	N.W. by W.	2	N.W. by W.	2	N.W. by W.	2
21	N.W.	2	N.W.	1	N.W.	2	N.W.	2	N.W.	2	N.W.	2
22	N.W. by N.	2	N.W. by N.	2	N.W. by N.	3	N.W. by N.	5	N.W. by N.	5	N.W. by N.	5
23	N.W. by N.	3	N.W. by N.	4	N.W. by N.	4	N.W. by N.	3	N.W. by N.	2	N.W. by N.	2
24	—	—	—	—	—	—	—	—	—	—	—	—
25	N.N.W.	3	N.N.W.	3	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2
26	W.	4	W.	3	W.	2	N.W.	3	N.W.	2	N.W.	2
27	S.S.W.	2	S. by W.	2	S. by W.	2	S. by W.	2	S. by W.	2	Calm.	—
28	N.W.	1	N.W.	1	N.W.	1	N.W.	2	N.W.	2	N.W.	2
29	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3
30	N.N.W.	2	—	—	N.N.W.	2	—	—	N.N.W.	2	—	—

* Good Friday.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
S.E.	4	S.E.	2	S.E.	2	Calm.	—	Calm.	—	Calm.	—	1
S.S.E.	2	S.S.E.	2	S.S.E.	2	S.S.E.	1	S.S.E.	2	S.S.E.	2	2
N.E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	3
N.N.W.	1	N.N.W.	1	N.N.W.	3	N.W. by W.	4	N.W. by W.	4	N.W.	4	4
S.E.	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	5
N.W. by N.	4	N.W.	6	N.W. by N.	7	N.N.W.	8	N.N.W.	8	N.N.W.	7	6
S.E.	6	S.S.W.	3	W. by S.	2	Calm.	—	W. by S.	2	W.S.W.	3	7
N.E.	1	Calm.	—	Calm.	—	N.E. by E.	3	N.E. by E.	2	N.E. by E.	2	8
N.W. by N.	2	N.W. by N.	3	N.W. by W.	3	N.W.	2	N.W.	1	N.W.	1	9
S.S.E.	3	S.E. by S.	3	S.E. by S.	1	S.E. by S.	1	S.E. by S.	1	S.E. by S.	1	10
S.E. by S.	3	S.E. by S.	3	S.E. by S.	3	S.E. by S.	2	S.E. by S.	2	S.E. by S.	3	11
S.E. by E.	1	S.E. by S.	1	S.E. by S.	1	S.E. by S.	1	Calm.	—	Calm.	—	12
N.N.E.	2	N.N.E.	2	N.N.E.	2	N.N.E.	1	N.N.E.	1	N.N.E.	1	13
E.S.E.	2	E.S.E.	1	E.S.E.	1	E.S.E.	1	Calm.	—	N.W.	2	14
S.E. by S.	4	S.E. by S.	3	S.S.W.	4	S.S.W.	3	S.S.W.	3	S.S.W.	2	15
N.W. by N.	2	E.	1	W.N.W.	3	Calm.	—	N.W. by W.	2	N.W. by W.	3	16
N.W. by W.	3	N.W.	2	N.W.	2	N.W.	3	N.W.	4	N.W.	2	17
N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	N.N.W.	2	N.W.	2	N.W. by N.	2	18
N.W. by N.	2	N.W. by N.	1	N.W. by N.	1	Calm.	—	N.W. by N.	2	N.W. by N.	4	19
N.W. by N.	4	N.N.W.	2	N.N.W.	4	N.N.W.	5	N.N.W.	1	N.N.W.	2	20
N.N.W.	2	N.W. by N.	3	N.W. by N.	2	W. by N.	2	S.E.	2	W.S.W.	3	21
S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	2	S.S.E.	1	S.S.E.	1	22
N.W.	1	N.W.	1	N.W.	1	N.W.	1	N.W.	1	N.W.	1	23
N.W. by N.	1	N.W. by W.	1	N.W. by W.	1	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	24
N.N.W.	1	N.N.W.	3	N.N.W.	2	N.N.W.	1	N.N.W.	1	N.N.W.	2	25
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
Calm.	—	S. by W.	1	S. by W.	1	S. by W.	1	Calm.	—	W. by N.	2	
N.E.	1	N.E.	1	N.E.	1	N.E.	1	N.E.	1	Calm.	—	2
N.W. by W.	4	N.W. by W.	5	N.W. by W.	4	N.W. by W.	3	N.W.	4	N.W. by N.	4	3
N.W. by W.	3	N.W. by W.	1	N.W. by W.	1	N.W. by W.	1	N.W. by W.	3	N.W. by W.	3	4
N.W.	4	N.W.	4	N.W.	3	N.W.	3	N.W.	1	N.W.	3	5
N.W. by N.	4	N.W. by N.	3	N.W.	3	N.W. by N.	4	N.N.W.	3	N.W. by N.	4	6
W.	3	W.N.W.	2	N.W. by W.	4	N.W. by N.	3	N.N.W.	4	N.N.W.	4	7
N.N.W.	2	N.N.W.	2	N.N.W.	2	Calm.	—	N. by W.	4	N. by W.	2	8
S.	3	S. by E.	2	S. by E.	2	S.S.E.	4	S.S.E.	4	S.S.E.	4	9
Calm.	—	Calm.	—	Calm.	—	Calm.	—	S.E. by S.	1	S.E. by S.	1	10
Calm.	—	Calm.	—	Calm.	—	Calm.	—	S.E. by S.	1	S.E. by S.	2	11
Calm.	—	Calm.	—	Calm.	—	N.	2	N.	1	N.	1	12
N.W. by W.	3	W.N.W.	3	W.N.W.	3	N.N.W.	3	N.W. by N.	3	N.W. by N.	2	13
N.W.	5	N.W.	4	N.W.	6	N.W.	6	S.S.E.	4	S. by E.	7	14
N.W.	3	N.W.	5	N.W.	3	N.W.	3	N.N.W.	2	N.N.W.	2	15
N.W. by W.	2	N.W. by W.	2	N.W.	2	N.W. by N.	3	N.N.W.	4	N.N.W.	4	16
N.W.	2	N.W.	1	N.W.	2	N.N.W.	4	N.N.W.	4	N.N.W.	4	17
N.W.	6	N.W.	5	N.W.	5	N.W.	5	N.N.W.	4	N.N.W.	3	18
N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	19
N.W. by N.	1	N.W. by N.	3	N.W. by N.	3	N.W.	4	N.W.	4	W.N.W.	5	20
N.W.	2	N.W.	2	N.W.	2	E.S.E.	3	S.W.	3	S.W. by S.	3	21
W.	1	W. by N.	3	W. by N.	3	W.N.W.	2	N.W. by N.	2	N.W. by N.	1	22
N.W.	2	N.W.	2	N.W.	1	N.W.	1	N.W.	1	N.W.	1	23
N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N.W. by W.	5	N.W. by N.	4	N.W. by N.	5	24
N.N.W.	2	N.N.W.	3	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	3	25

APRIL.

APRIL.

DIRECTION AND FORCE OF THE WIND.												
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .	
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
MAY. 1	N.N.W.	3	N.N.W.	2	N.N.W.	4	N.N.W.	7	N.N.W.	7	N.W.	5
2	—	—	—	—	—	—	—	—	—	—	—	—
3	N.W. by W.	2	N.W. by W.	2	N. by W.	3	N. by W.	4	N. by W.	4	N. by W.	3
4	N.W.	8	N.W.	8	N.W.	8	N.W.	6	N.W.	5	N.W.	5
5	N.W. by W.	7	N.W. by W.	6	N.W. by W.	5	W.N.W.	4	N.W. by W.	6	N.W. by W.	6
6	W.N.W.	7	N.W. by W.	5	N.W. by W.	4	N.W. by N.	5	N.W. by N.	5	N.W.	6
7	N.W.	5	N.W.	6	N.W.	6	N.W.	5	N.W.	5	N.N.W.	6
8	N.W. by N.	4	N.W. by N.	4	N.W. by N.	4	N.W. by N.	4	N.W. by N.	3	N.N.W.	3
9	—	—	—	—	—	—	—	—	—	—	—	—
10	N.E.	5	N.W.	6	N.E. by N.	4	N.N.E.	4	N.N.E.	3	N.N.E.	3
11	N. by W.	5	N. by W.	4	N. by W.	3	N.N.W.	2	N.W. by N.	3	N.W. by N.	2
12	N.N.W.	5	N.N.W.	4	N.N.W.	6	N.N.W.	6	N.N.W.	7	N.N.W.	5
13	N.W. by N.	2	N.W. by N.	1	N.W. by N.	3	S.W. by W.	2	S.W. by W.	1	S.W. by W.	2
14	N.N.W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	2	N.N.W.	3	N.N.W.	2
15	N.W. by N.	1	N.W. by N.	1	N.W. by N.	2	N.W. by N.	2	N.W. by N.	1	N.W. by N.	1
16	—	—	—	—	—	—	—	—	—	—	—	—
17	N.W. by N.	3	N.W. by N.	3	N.W.	2	N.W.	2	N.W.	1	N.W.	1
18	N.N.W.	3	N.N.W.	3	N.N.W.	3	N.	4	N.	5	N.	4
19	N.W.	1	N.W.	1	N.W.	1	S.	3	S.W.	3	S.S.W.	3
20	N.	2	N. by W.	3	N. by W.	4	N.N.W.	2	N.W. by N.	1	N.W. by N.	1
21	N. by W.	4	N.N.W.	5	W.N.W.	3	N.W.	2	N.W.	2	N.W. by N.	2
22	S.W.	1	N.N.E.	4	E.N.E.	2	E. by N.	1	S. by W.	2	S. by W.	2
23	—	—	—	—	—	—	—	—	—	—	—	—
24	N.W.	3	N.W. by N.	1	N.W. by N.	2	N.W.	2	N.W.	2	N.W.	1
25	N.W.	2	N.W.	1	S. by W.	1	E.S.E.	2	Calm.	—	Calm.	—
26	N. by E.	1	N. by E.	1	S. by E.	2	S.E.	4	S.E.	5	S.E.	3
27	N.E. by E.	5	E.S.E.	3	S.E. by E.	3	S.S.E.	3	S.S.E.	2	S.S.E.	1
28	N. by E.	2	N. by E.	2	N. by E.	2	N. by E.	2	N. by E.	2	Calm.	—
29	N.W. by N.	4	N.W. by N.	4	N.W. by N.	3	N.W. by N.	3	N.W. by N.	2	N.W. by N.	2
30	—	—	—	—	—	—	—	—	—	—	—	—
31	N.W.	4	N.N.W.	3	N.N.W.	4	N.N.W.	4	N.N.W.	4	N.W. by N.	4

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .	
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
MAY. 1	—	—	—	—	—	—	—	—	—	—	—	—
2	W.N.W.	3	W.N.W.	3	W.N.W.	5	W.N.W.	7	N.W.	7	N.W.	5
3	N.N.W.	3	N.N.W.	2	N.N.W.	4	N.N.W.	6	N.N.W.	7	N.W.	5
4	N.W.	6	N. by W.	6	N.N.W.	6	N.W.	8	N.W.	8	N.W. by W.	8
5	N.N.W.	7	N.N.W.	7	N.N.W.	8	N.N.W.	8	N.N.W.	6	N.N.W.	6
6	N.N.W.	5	N.N.W.	4	N.N.W.	4	N.W.	4	N.W. by W.	4	N.W. by W.	4
7	N.N.W.	1	N.N.W.	1	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.W. by W.	2
8	—	—	—	—	—	—	—	—	—	—	—	—
9	W. by N.	8	N.N.W.	9	N.W.	5	N.	3	N.N.W.	3	N.N.W.	6
10	N.N.E.	2	N.N.E.	3	N.N.E.	3	N.N.E.	3	N.E. by N.	3	N.N.W.	4
11	N.W.	4	N.N.W.	4	N.W. by N.	3	N.W. by N.	3	N.N.W.	3	N.N.W.	2
12	N. by W.	6	N. by W.	4	N. by W.	3	N. by W.	3	N. by W.	2	N. by W.	2
13	N.W.	5	N.W.	4	N.W.	4	N.W. by N.	4	N.W. by N.	2	N.W. by N.	2
14	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	2	N.W. by N.	3
15	—	—	—	—	—	—	—	—	—	—	—	—
16	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3
17	N.W.	4	N.W.	4	N.W.	4	N.W.	4	N.W.	4	N.W.	5
18	N.N.W.	3	N.N.W.	4	N.N.W.	3	N.N.W.	4	N.N.W.	3	N.N.W.	3
19	W.N.W.	3	N.W. by W.	2	N.W. by W.	2	N.W.	2	N.W.	2	N.W.	3
20	N.N.W.	1	N.W. by N.	2	N.W. by N.	2	N.W. by N.	1	N.W. by N.	2	N.W. by N.	1
21	N.W. by N.	4	N. by W.	2	N. by W.	2	N. by W.	3	N. by W.	3	N. by W.	2
22	—	—	—	—	—	—	—	—	—	—	—	—
23	S.	1	S.	1	S.W.	3	S. by E.	4	S. by E.	2	Calm.	—
24	Calm.	—	N.W.	1	N.W.	1	N.W.	1	Calm.	—	N.W.	2
25	N.W. by W.	2	N.E. by N.	2	N.E. by N.	2	N.N.E.	1	N.N.E.	1	N.N.E.	1
26	S.S.E.	1	S.S.E.	1	S.S.E.	2	S.S.E.	2	S.S.E.	2	Calm.	—
27	S.S.E.	1	S.S.E.	1	Calm.	—	Calm.	—	S.S.E.	1	Calm.	—
28	N.	3	N.	1	N. by W.	3	N. by W.	4	N.W. by N.	3	N.W. by N.	3
29	—	—	—	—	—	—	—	—	—	—	—	—
30	N.W.	4	N.W.	5	N.W.	5	N.W.	6	N.W.	5	N.W.	4
31	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	2	N.W. by N.	1	N.W. by N.	1

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.W.	4	N.W.	5	W.N.W.	5	N.W.	3	N.W.	5	N.W.	5	1
N. by W.	2	N. by W.	3	N. by W.	3	N. by W.	4	N.N.W.	3	N.N.W.	3	2
W.	6	W.	7	N.W.	8	W.N.W.	7	N.W.	7	N.W.	6	3
N.W. by N.	4	N.W.	3	N.W.	3	N.W.	4	N.W.	5	N.W.	6	4
N.N.W.	3	N.N.W.	4	N.N.W.	4	N. by W.	4	N.N.W.	4	N.N.W.	5	5
N.W.	6	N.W.	4	N.N.W.	5	N.N.W.	3	N.N.W.	1	N.N.W.	2	6
N.W. by N.	4	N.N.W.	5	N.N.W.	4	N.N.W.	6	N.N.W.	6	N.N.W.	7	7
—	—	—	—	—	—	—	—	—	—	—	—	8
N. by W.	2	N.E.	2	N.N.E.	2	N.N.E.	2	N.N.E.	2	N.N.E.	2	9
N.W. by N.	1	N.W. by N.	2	N.W. by N.	2	N.W. by N.	3	N.W.	3	N.W.	5	10
N.N.W.	4	N.N.W.	4	N.N.W.	5	N. by W.	6	N. by W.	5	N. by W.	5	11
S.W. by W.	2	S.W. by W.	1	S.W. by W.	1	W.S.W.	3	W.	1	W.	4	12
N.N.W.	1	N.N.W.	2	N.N.W.	1	N.N.W.	2	N.W. by N.	3	N.W. by N.	4	13
N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	N.W. by W.	2	N.W. by W.	2	N.W. by W.	2	14
—	—	—	—	—	—	—	—	—	—	—	—	15
Calm.	—	N.W.	2	N.W.	1	N.W. by W.	4	N.W. by W.	5	N.W.	4	16
N.N.W.	1	N.N.W.	2	N.N.W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	3	17
S.W.	3	S.W.	3	S.W.	3	Calm.	—	W.	2	W. by N.	2	18
Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.N.W.	1	N.N.W.	1	19
N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	20
S. by E.	3	S.	4	S.S.W.	6	S.S.W.	4	S.S.W.	5	S.	6	21
—	—	—	—	—	—	—	—	—	—	—	—	22
N.W.	1	N.W.	1	N.W.	1	N.W.	1	N.W.	1	N.W.	1	23
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	S.W.	1	24
Calm.	—	S.E.	1	S.E.	1	S.E.	2	S.S.E.	2	S.S.E.	1	25
S.S.E.	2	S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	1	26
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	27
N.W. by N.	1	N.W. by N.	4	N.W. by N.	5	N.W.	4	N.W. by N.	5	N.W. by N.	5	28
—	—	—	—	—	—	—	—	—	—	—	—	29
N.W. by N.	3	N.W. by N.	2	N.W. by N.	2	Calm.	—	Calm.	—	N.W. by N.	2	30
—	—	—	—	—	—	—	—	—	—	—	—	31

MAY.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
—	—	—	—	—	—	—	—	—	—	—	—	1
N.W.	4	N.W.	4	N.W.	3	N.W. by W.	3	N.W. by W.	3	N.W. by W.	1	2
W.N.W.	4	N.W. by W.	3	N.W. by N.	4	N.W.	6	W. by N.	7	W. by N.	8	3
N.W. by W.	9	N.W. by W.	8	N.W. by W.	7	N.W. by W.	8	N.W. by W.	6	N.W. by W.	7	4
N.W.	7	N.W. by N.	4	N.W. by N.	4	N.W.	5	N.W.	6	W.N.W.	7	5
N.W.	5	N.W.	3	N.W.	3	N.W. by W.	4	N.N.W.	3	N.N.W.	4	6
N.W. by W.	2	N.W. by W.	2	N.W. by W.	2	N.W. by W.	1	N.W. by W.	2	N.W. by W.	2	7
—	—	—	—	—	—	—	—	—	—	—	—	8
N.N.W.	6	N.N.W.	5	N. by W.	6	N.E.	4	N. by E.	6	W.S.W.	5	9
N.N.W.	4	N.N.W.	3	N.N.W.	3	N.	5	N.N.W.	5	N.N.W.	5	10
N.N.W.	2	N.W.	4	N.W. by N.	5	N.N.W.	6	N.N.W.	5	N.W.	6	11
N.N.W.	3	N.N.W.	2	N.W. by N.	3	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	12
N.W. by N.	1	N.W. by N.	2	N.W. by N.	3	N.N.W.	3	N.N.W.	4	N.N.W.	4	13
N.W. by N.	3	N.W. by N.	3	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	14
—	—	—	—	—	—	—	—	—	—	—	—	15
N.W. by N.	4	N.W. by N.	4	N.W. by N.	4	N.W. by N.	4	N.W. by N.	4	N.W. by N.	3	16
N.W.	5	N.W.	4	N.W.	4	N.W. by N.	3	N.W.	4	N.N.W.	3	17
N.N.W.	4	N.N.W.	3	N.W. by W.	4	N.W.	4	N.W.	2	N.W.	1	18
N.W.	3	N.W.	3	N.W.	4	N.W. by N.	5	N.N.W.	4	N. by W.	4	19
N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	20
S.	1	W.N.W.	2	N.W.	5	N.W.	4	N.W.	4	S.E. by E.	2	21
—	—	—	—	—	—	—	—	—	—	—	—	22
N.	1	N.	1	E.	1	W.N.W.	1	W.N.W.	2	W.N.W.	2	23
N.W.	1	N.W.	1	N.W.	2	N.W.	2	N.N.W.	4	N.W.	2	24
N.	1	E.S.E.	1	E.S.E.	1	Calm.	—	N. by E.	1	N. by E.	1	25
Calm.	—	Calm.	—	N.E. by E.	1	Calm.	—	N.E. by E.	3	N.E. by E.	2	26
Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.N.E.	3	N. by E.	3	27
N.W. by N.	3	N.W. by N.	3	N.W. by N.	4	N.W. by N.	4	N.W. by N.	3	N.W. by N.	4	28
—	—	—	—	—	—	—	—	—	—	—	—	29
N.W.	4	N.W.	5	N.W.	4	N.W.	4	N.W.	6	N.W.	5	30
N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	N.W. by N.	1	N.W. by N.	3	N.W. by N.	3	31

MAY.

DIRECTION AND FORCE OF THE WIND.														
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .			
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		
JUNE.	1	N.W. by N.	2	N.W. by N.	2	N.W.	1	N.W.	3	N.W. by N.	3	N.W. by N.	2	
	2	N.W.	1	N.W.	2	N.W.	1	N.W.	1	N.W.	1	N.W.	2	
	3	S	2	S. by E.	3	S. by E.	3	S. by E.	3	S.	4	S.S.W.	4	
	4	S	3	S.	4	S.	5	S.S.W.	4	S.S.W.	4	S.S.W.	4	
	5	S.E. by S.	3	N.N.W.	3	S.S.W.	5	S.S.W.	3	S.S.W.	2	S.S.W.	3	
	6	—	—	—	—	—	—	—	—	—	—	—	—	—
	7	N.N.W.	2	N.N.W.	2	N. by W.	2	N. by W.	2	N. by W.	2	N. by W.	1	
	8	N.N.W.	4	N.N.W.	4	N. by W.	3	N. by W.	2	N. by W.	2	N.N.W.	1	
	9	N.N.W.	3	N.N.W.	1	N.N.W.	1	Calm.	—	Calm.	—	Calm.	—	
	10	N.N.W.	1	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	1	N.N.W.	1	
	11	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	
	12	N.W. by N.	3	N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	1	Calm.	—	
	13	—	—	—	—	—	—	—	—	—	—	—	—	—
	14	N.W. by N.	3	N.N.W.	3	N.N.W.	4	N.	5	N.	6	N.N.W.	5	
	15	N. by W.	8	N. by W.	7	N. by W.	7	N. by E.	6	N.N.W.	5	N.N.W.	6	
	16	N.W. by N.	5	N.W. by N.	5	N.W. by N.	5	N.W. by N.	5	N.N.W.	4	N.N.W.	3	
	17	N.W.	2	N.W.	2	N.W.	2	N.W.	2	N.W. by N.	1	N.W. by N.	1	
	18	N.W.	1	Calm.	—	N.W.	2	N.N.W.	3	N.N.W.	3	N.N.W.	1	
	19	N.W. by W.	2	N.W. by W.	2	N.N.W.	2	N.W. by N.	3	N.N.W.	2	N. by W.	2	
	20	—	—	—	—	—	—	—	—	—	—	—	—	—
	21	N.W. by N.	6	N.W.	6	N.N.W.	4	N.N.W.	4	N.N.W.	2	N.N.W.	1	
	22	N.N.W.	3	N.N.W.	2	N.N.W.	2	N.W. by N.	1	Calm.	—	N.W.	2	
	23	N.W. by N.	2	N.W. by N.	2	N.N.W.	3	N.N.W.	3	N.N.W.	2	N.N.W.	2	
	24	N.W. by W.	4	N.W. by W.	4	N.W.	4	N.W.	3	N.W. by W.	2	N.W. by W.	2	
	25	N.W.	5	N.W. by N.	5	N.W. by W.	3	N.W. by N.	2	N.W. by N.	1	N. by W.	2	
	26	N.W.	3	N.W.	3	N.W.	3	N.W.	2	N.W.	2	N.W.	2	
	27	—	—	—	—	—	—	—	—	—	—	—	—	—
	28	N.W. by N.	2	N.W. by N.	1	N.W. by N.	1	N.W. by N.	2	N.W. by N.	1	N.W. by N.	1	
	29	N.N.W.	4	N.N.W.	3	N.N.W.	3	N.N.W.	2	N.N.W.	2	N.N.W.	2	
	30	N.N.W.	4	Calm.	—	N. by W.	3	N. by W.	2	N. by W.	3	N. by W.	2	

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .			
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		
JUNE.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	
	2	S.S.E.	3	S. by W.	4	S. by W.	3	S. by E.	3	S. by E.	3	S. by E.	4	
	3	S.W. by S.	2	S.W. by S.	2	S.W. by S.	3	S.W. by S.	3	S.W. by S.	3	N.W. by N.	2	
	4	S.W. by S.	3	S.W. by S.	3	S.W. by S.	3	S.W. by S.	2	S.W. by S.	2	S.S.W.	1	
	5	—	—	—	—	—	—	—	—	—	—	—	—	
	6	N.N.W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	4	N.N.W.	3	N.N.W.	2	
	7	N.W. by N.	5	N.W. by N.	3	N.N.W.	1	N.N.W.	4	N.N.W.	3	N.W. by N.	3	
	8	N.W. by N.	1	N.W. by N.	3	N.W. by N.	2	N.W. by N.	3	N.W. by N.	2	N.W. by N.	3	
	9	Calm.	—	N.N.W.	3	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	
	10	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	
	11	Calm.	—	Calm.	—	Calm.	—	N.N.W.	2	Calm.	—	N.N.W.	1	
	12	—	—	—	—	—	—	—	—	—	—	—	—	—
	13	N.W. by N.	4	N.W. by N.	4	N.W. by N.	4	N.W.	4	N.W.	3	N.W. by N.	2	
	14	N.N.W.	2	Calm.	—	Calm.	—	Calm.	—	N.N.W.	1	N.N.W.	3	
	15	N. by W.	6	N.N.W.	6	N.N.W.	6	N.N.W.	7	N.N.W.	8	N.N.W.	8	
	16	N.N.W.	1	N.N.W.	2	N.N.W.	2	N.N.W.	3	N.N.W.	3	N.N.W.	2	
	17	N.W.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	—
	18	N.N.W.	1	N.N.W.	4	N.N.W.	3	N.W.	3	N.W. by W.	4	N.W. by W.	4	
	19	—	—	—	—	—	—	—	—	—	—	—	—	—
	20	N. by W.	7	N. by W.	7	N.W. by N.	6	N.W. by W.	6	N.N.W.	4	N.W. by W.	4	
	21	N.N.W.	2	N.N.W.	3	N.N.W.	4	N.N.W.	3	N.N.W.	3	N.N.W.	4	
	22	N.W. by N.	2	N.W.	2	N.W.	2	N.W.	1	N.W.	1	Calm.	—	
	23	N.W. by N.	3	N.W. by N.	3	Calm.	—	N.W. by N.	2	N.W. by N.	3	N.W. by N.	4	
	24	N.W. by W.	4	N.W. by W.	4	N.W. by W.	4	N.W. by N.	5	N.N.W.	5	N.W.	5	
	25	N.W. by W.	3	N.W. by W.	2	N.W. by W.	2	N.W. by W.	2	N.W. by W.	3	N.N.W.	2	
	26	—	—	—	—	—	—	—	—	—	—	—	—	—
	27	N.W.	3	N.W.	3	N.W.	3	N.W. by W.	4	N.W. by W.	4	N.W. by W.	4	
	28	N.W. by N.	4	N.W.	4	N.W.	4	N.W. by N.	5	N.N.W.	5	N.N.W.	5	
	29	N.W. by N.	4	N.W. by N.	4	N.W.	4	N.W.	4	N.W.	4	N.W.	4	
	30	Calm.	—	N. by W.	1	N. by W.	1	N. by W.	1	N. by W.	1	N. by W.	1	

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.W. by N.	2	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	N.W.	1	N.W.	1	1
N.W.	2	N.W.	2	N.W.	1	N.W.	2	S. by E.	4	S. by W.	1	2
S.S.W.	4	S.S.W.	2	S.S.W.	2	S.S.W.	1	S.W. by S.	1	S.W. by S.	2	3
S.S.W.	4	S.S.W.	4	S.S.W.	3	S.S.W.	3	S.S.W.	3	S.S.W.	3	4
S.	1	W.N.W.	2	W.N.W.	1	W. by N.	3	W. by N.	3	W. by N.	2	5
—	—	—	—	—	—	—	—	—	—	—	—	6
N. by W.	1	N. by W.	1	Calm.	—	Calm.	—	N.N.W.	3	N.W.	3	7
N.N.W.	2	N.W. by N.	4	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	N.W. by N.	4	8
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	9
N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	1	Calm.	—	Calm.	—	10
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	11
Calm.	—	Calm.	—	N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	2	12
—	—	—	—	—	—	—	—	—	—	—	—	13
N.N.W.	5	N.N.W.	5	N.N.W.	6	W.N.W.	5	N.N.W.	5	W.N.W.	3	14
N.N.W.	6	N.W.	6	N. by W.	7	N.N.W.	7	N.N.W.	7	N.N.W.	6	15
W. by N.	2	N.W. by N.	2	N.W. by N.	2	N.W. by N.	1	N.N.W.	1	N.N.W.	2	16
N.W. by N.	1	N.W. by N.	3	N.W. by N.	3	N.W.	3	N.W.	3	N.W.	2	17
N.N.W.	2	N.N.W.	3	N.N.W.	2	N.N.W.	1	N.N.W.	2	N.N.W.	3	18
N.N.W.	2	N.N.W.	4	N. by W.	4	N. by W.	2	N. by W.	1	N. by W.	1	19
—	—	—	—	—	—	—	—	—	—	—	—	20
N.N.W.	1	N.N.W.	1	N.N.W.	2	N.W. by N.	2	N.W. by W.	2	N. by W.	4	21
N.W.	1	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	N.W. by N.	3	N.W. by N.	3	22
N.N.W.	1	N.N.W.	3	N.N.W.	4	N.N.W.	4	N.N.W.	4	N.N.W.	3	23
N.W. by W.	3	N.W. by W.	2	N.W. by W.	3	N.W.	1	Calm.	—	Calm.	—	24
N.N.W.	1	N. by W.	1	S.W.	1	S.W.	1	S.W.	1	N.W.	1	25
Calm.	—	N.W.	2	N.W.	2	N.W.	2	N.W.	2	N.W.	2	26
—	—	—	—	—	—	—	—	—	—	—	—	27
N.W. by N.	1	N.W. by N.	2	N.W. by N.	3	N.W.	4	N.W.	4	N.W.	4	28
N.N.W.	2	N.N.W.	1	Calm.	—	Calm.	—	N. by W.	3	N.W. by N.	4	22
N. by W.	2	N. by W.	2	N. by W.	2	Calm.	—	Calm.	—	Calm.	—	30

JUNE.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
Calm.	—	Calm.	—	N.W.	1	N.W.	1	N.W.	2	N.W.	1	1
S. by E.	6	S. by E.	6	S. by E.	5	S. by W.	3	S. by W.	2	S.S.W.	4	2
N.W. by N.	2	N.W. by N.	3	N.W. by N.	3	N.W.	2	S.	2	S.	4	3
W.	2	W.	1	W.	2	N.N.W.	4	N.W. by N.	3	N.W. by N.	3	4
—	—	—	—	—	—	—	—	—	—	—	—	5
N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	2	6
N.W. by N.	4	N.W. by N.	3	N.W. by N.	4	N. by W.	4	N.N.W.	4	N.N.W.	4	7
N.W.	4	N.W.	5	N.W. by N.	4	N.N.W.	3	N.N.W.	4	N.N.W.	4	8
N.N.W.	2	N.N.W.	2	N.N.W.	3	Calm.	—	N.N.W.	1	N.N.W.	1	9
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.N.W.	2	10
N.N.W.	1	N.N.W.	1	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N.N.W.	4	11
—	—	—	—	—	—	—	—	—	—	—	—	12
N.W. by N.	1	N.W. by N.	1	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	N.W. by N.	3	13
N.N.W.	4	N.W. by N.	4	N.W.	4	N.N.W.	5	N.N.W.	6	N.N.W.	6	14
N.N.W.	8	N.N.W.	8	N.N.W.	7	N.N.W.	5	N. by W.	5	N. by W.	5	15
N.N.W.	2	N.N.W.	1	N.N.W.	1	N.N.W.	3	N.W.	5	N.W.	2	16
Calm.	—	N.N.W.	1	Calm.	—	Calm.	—	N.W.	1	N.W.	1	17
N.W. by W.	4	N.W.	6	N.W.	6	N.W. by N.	5	W.N.W.	5	W. by N.	4	18
—	—	—	—	—	—	—	—	—	—	—	—	19
N.W.	3	N.W.	5	N.W. by N.	5	W.N.W.	6	N.W. by W.	5	N.W. by W.	5	20
N.W. by N.	4	N.W. by N.	5	N.W. by N.	4	N.W. by N.	3	N.N.W.	3	N.N.W.	3	21
Calm.	—	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	N.W. by N.	2	N.W. by N.	2	22
N.W.	4	N.W.	4	N.W.	3	N.W.	4	N.W.	4	N.W. by W.	4	23
N.W.	6	N.W.	5	N.W.	6	N.W.	6	N.W.	4	N.W.	4	24
N.W.	3	N.N.W.	3	N.W. by N.	4	N.W. by W.	3	N.W.	3	N.W.	3	25
—	—	—	—	—	—	—	—	—	—	—	—	26
N.W. by N.	4	N.W. by N.	3	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	27
N.N.W.	4	N.N.W.	4	N.N.W.	4	N.N.W.	5	N.N.W.	4	N.W. by N.	4	28
N.W.	4	N.W.	3	N.W.	3	N.W.	3	N.W. by N.	3	N. by W.	3	29
N. by W.	1	N. by W.	1	N. by W.	1	N. by W.	1	by W.	1	N. by W.	1	30

JUNE.

DIRECTION AND FORCE OF THE WIND.

6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
S.S.E.	1	S.S.E.	1	S.S.E.	1	W.	1	N.W. by W.	1	N.W.	1	1
S.	6	S.	6	S.	6	S.	4	S.	6	S.	6	2
S.	2	S.	1	S.	2	S. by W.	2	S. by W.	2	W.	2	3
—	—	—	—	—	—	—	—	—	—	—	—	4
W.N.W.	2	N.N.W.	3	N.N.W.	3	N.E. by N.	2	E.N.E.	2	S.E. by S.	3	5
S.W. by W.	1	Calm.	—	W. by S.	1	Calm.	—	W.N.W.	3	W.N.W.	2	6
N.W. by W.	1	—	—	N.W. by W.	1	N.W.	2	N.W.	2	N.W.	2	7
N.N.W.	1	N.N.W.	2	N.N.W.	3	N.W. by N.	4	N.W.	4	N.W.	3	8
N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	Calm.	—	N.W. by N.	1	N.W. by N.	2	9
N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	Calm.	—	N.W. by N.	1	10
—	—	—	—	—	—	—	—	—	—	—	—	11
N.N.W.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	12
Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.W. by N.	2	N.W. by N.	2	13
N.N.W.	1	N.N.W.	1	N.N.W.	1	Calm.	—	Calm.	—	Calm.	—	14
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.N.W.	1	15
N.N.W.	2	N.N.W.	3	N.N.W.	2	N.N.W.	1	N.N.W.	1	N.N.W.	2	16
N.W. by N.	2	N.W. by N.	3	N. by W.	4	N.N.W.	2	N.N.W.	5	N.N.W.	5	17
—	—	—	—	—	—	—	—	—	—	—	—	18
N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	3	N.W. by N.	4	19
N.W.	4	N.N.W.	4	N.W. by N.	5	N.W. by N.	5	N.W. by N.	4	N.W. by N.	4	20
N.W. by N.	2	N.W. by N.	3	N.W. by N.	3	Calm.	—	Calm.	—	N.W. by N.	3	21
N.N.W.	2	N.N.W.	3	N.N.W.	1	N.W. by N.	1	N.W. by N.	3	N.W. by N.	2	22
N.N.W.	4	N.W. by N.	6	N.N.W.	6	N.N.W.	6	N.N.W.	6	N.N.W.	6	23
N.N.W.	2	N.N.W.	1	N.N.W.	1	Calm.	—	Calm.	—	Calm.	—	24
—	—	—	—	—	—	—	—	—	—	—	—	25
N.N.W.	4	N.N.W.	5	N.N.W.	6	N.N.W.	6	N.N.W.	7	N.N.W.	5	26
N.	4	N. by W.	3	N. by W.	3	N.N.W.	4	N.N.W.	4	N. by W.	2	27
N.N.W.	6	N.N.W.	4	N.N.W.	3	N.N.W.	4	N.N.W.	3	N.N.W.	4	28
N.W.	4	N.W.	5	N.W.	5	N.W.	5	N.W.	6	N.W.	7	29
Calm.	—	Calm.	—	S.E.	1	Calm.	—	Calm.	—	S.E.	1	30
N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	3	N.W.	4	N.W. by N.	4	31

JULY.

18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
S.E.	2	S.S.E.	5	S.S.E.	8	S.S.E.	8	S.S.E.	8	S.S.E.	9	1
S.	3	S.	2	S.S.W.	3	S.S.W.	3	S.S.W.	3	S.S.W.	2	2
—	—	—	—	—	—	—	—	—	—	—	—	3
N.W. by N.	2	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	N.W. by N.	2	N.W. by W.	3	4
S.W.	1	S.W.	2	S.W.	2	S.W.	1	S.W.	2	S.W. by W.	2	5
N.N.W.	3	N.N.W.	3	N.N.W.	4	N.N.W.	4	N.N.W.	4	N.W.	2	6
Calm.	—	N.W.	1	N.N.W.	1	N.N.W.	3	N.N.W.	3	N.N.W.	2	7
N.W.	3	N.W.	3	W.N.W.	3	W.N.W.	3	N.W. by W.	3	N.W.	3	8
N.W. by N.	3	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	N.W. by N.	1	9
—	—	—	—	—	—	—	—	—	—	—	—	10
W. by N.	3	N.W.	2	N.W.	3	N.W.	2	N.W.	2	N.W.	2	11
N.N.W.	2	N.N.W.	3	N.N.W.	3	N.W.	4	N.W.	4	N.W. by N.	3	12
N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	2	N.N.W.	2	N.N.W.	3	13
Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.N.W.	1	N.N.W.	1	14
N.N.W.	3	N.N.W.	3	N.N.W.	3	N.W. by N.	3	N.W. by N.	2	N.W. by N.	4	15
N.W. by N.	1	N.W. by N.	1	N.W. by N.	2	N.W. by N.	4	N.W. by N.	4	N.N.W.	2	16
—	—	—	—	—	—	—	—	—	—	—	—	17
Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.W.	4	N.W.	4	18
N.W. by N.	5	N.W. by N.	5	N.W. by N.	5	N.W. by N.	4	N.W. by N.	3	N.N.W.	4	19
N.W. by N.	2	N.W. by N.	3	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	N.W. by N.	1	20
N.W. by W.	1	N.W. by N.	3	N.W. by N.	3	N.W. by N.	2	N.N.W.	4	N.W.	3	21
N.W.	1	N.W.	1	N.W.	1	N.W.	1	N.W. by N.	3	N.W. by N.	4	22
N.W. by N.	6	N.W. by N.	5	N.N.W.	6	N.N.W.	6	N.N.W.	7	N.W.	7	23
—	—	—	—	—	—	—	—	—	—	—	—	24
Calm.	—	N.W. by N.	2	N.W. by N.	3	N.N.W.	2	N.N.W.	2	N.W.	2	25
N.W.	6	N.N.W.	4	N.W. by N.	6	S.E. by S.	4	N.W. by N.	2	N.W. by W.	5	26
N.W. by N.	3	N.W. by N.	2	N.W. by N.	3	N.W. by N.	6	N.N.W.	4	N.N.W.	4	27
N.W.	5	N.W.	5	N.W.	6	N.W. by N.	6	N.W. by N.	5	N.N.W.	4	28
N.W.	2	W.N.W.	2	W.N.W.	1	W.N.W.	1	W.N.W.	2	W.N.W.	2	29
N.W.	2	N.W.	2	N.W.	2	N.W.	3	N.W.	2	N.W.	1	30
—	—	—	—	—	—	—	—	—	—	—	—	31

JULY.

DIRECTION AND FORCE OF THE WIND.												
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .	
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
AUGUST.	1	—	—	—	—	—	—	—	—	—	—	—
	2	N.N.W.	5	N. by W.	4	N. by W.	2	N. by W.	1	N. by W.	1	N. by W.
	3	N. by W.	1	N. by W.	1	N. by W.	1	N. by W.	1	N. by W.	1	N. by W.
	4	N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.
	5	N.W. by N.	2	Calm.	—	N.N.W.	2	N.W. by N.	2	N.W. by N.	1	N.W. by N.
	6	N.W.	1	N.W.	1	N.W.	2	N.W.	3	N.W.	3	N.W.
	7	N.W.	3	N.W.	2	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.
	8	—	—	—	—	—	—	—	—	—	—	—
	9	N.W.	2	N.W.	2	N.N.W.	3	E.S.E.	3	E.S.E.	2	S.E.
	10	W.	3	N.N.W.	3	N.W.	3	N.W.	3	N.W.	4	N.W.
	11	N.W. by N.	2	N.N.W.	6	N.N.W.	5	N.W.	4	N.W.	2	N.W.
	12	W. by N.	4	W. by N.	2	W.N.W.	4	N.W. by N.	4	W.	2	W.N.W.
	13	N.W.	3	N.W.	4	N.N.W.	6	N.N.W.	6	N.N.W.	6	N.N.W.
	14	N.W.	5	N.W.	6	N.W.	4	N.W.	5	W. by N.	5	W.N.W.
	15	—	—	—	—	—	—	—	—	—	—	—
	16	N.W. by N.	5	N.N.W.	6	N.N.W.	6	N.W. by N.	7	N.W.	6	N.W. by W.
	17	N.W. by N.	4	N.W. by N.	7	N.N.W.	7	N.N.W.	7	N.N.W.	8	N.N.W.
	18	N.N.W.	4	N.W. by W.	6	N.W.	3	N.W.	3	W.N.W.	4	N.W.
	19	N.N.W.	6	N.N.W.	6	N.N.W.	6	N.N.W.	3	N.N.W.	1	S.W.
	20	N.N.W.	4	N.N.W.	4	N.N.W.	3	N.N.W.	4	N.N.W.	4	N.N.W.
	21	N.N.W.	3	N.W. by N.	4	N.W.	3	N.W. by W.	4	N.W.	3	N.W.
	22	—	—	—	—	—	—	—	—	—	—	—
	23	W.N.W.	6	N.W. by W.	4	N.W. by N.	4	N.W. by N.	3	N.W.	3	N.W.
	24	N.W. by N.	2	N.W. by N.	2	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	N.W. by N.
	25	N.W. by N.	2	N.W. by N.	2	S.E. by E.	2	S.E. by E.	2	S.E. by E.	2	S.E. by E.
	26	N.N.W.	6	N. by W.	3	N. by W.	2	N. by W.	1	N. by W.	1	N. by W.
	27	N.W. by N.	3	N.W. by N.	3	N.W. by N.	2	N.	4	N.	5	N.
	28	N.N.W.	6	N.N.W.	4	N. by E.	4	N.N.W.	7	N.N.W.	3	N.N.W.
	29	—	—	—	—	—	—	—	—	—	—	—
	30	N.W. by N.	4	N.W.	4	N.W.	4	N.W.	2	N.W.	2	N.W.
	31	N.N.W.	5	N.N.W.	5	N.N.W.	5	N.W. by N.	4	N.W. by N.	4	N.W.

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .	
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.
AUGUST.	1	N.W.	6	N.W.	6	N.W.	6	N.W. by N.	5	N.W. by N.	4	N.W. by N.
	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.
	3	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N. by W.	1	N. by W.
	4	N.N.W.	3	N.N.W.	3	N.N.W.	4	N.W.	3	N.W.	3	N.W. by N.
	5	N.W. by N.	2	Calm.	—	Calm.	—	N.W. by N.	2	N.W. by N.	3	N.W. by N.
	6	E.S.E.	4	Calm.	—	N.	2	N.W. by N.	3	N.W. by N.	4	Calm.
	7	—	—	—	—	—	—	—	—	—	—	—
	8	N.W.	1	N.W.	2	N.W.	2	N.W.	2	N.W.	1	N.W.
	9	Calm.	—	Calm.	—	Calm.	—	N. by W.	3	N.W.	3	N.W.
	10	N.W.	6	N.W.	6	W.N.W.	5	N.W. by N.	5	N.W. by W.	3	N.W. by N.
	11	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	3	N.N.W.	6	N.W. by N.
	12	N.W. by W.	2	N.W. by W.	1	N.W. by W.	1	N.W. by W.	1	N.W. by W.	2	N.W. by W.
	13	N.N.W.	6	N.W.	6	N.W. by W.	2	W. by S.	4	N.W. by N.	4	N.W. by N.
	14	—	—	—	—	—	—	—	—	—	—	—
	15	N.W.	4	N.W.	4	N.W.	4	N.W.	4	N.W. by N.	4	N.W. by N.
	16	N.W.	6	N.N.W.	2	N. by W.	1	N. by W.	1	N. by W.	2	N.N.W.
	17	N.N.W.	3	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.
	18	N.N.W.	3	N.N.W.	4	N.N.W.	4	N.N.W.	4	N.N.W.	4	N.W.
	19	N.W.	4	N.W. by N.	2	N.W. by N.	2	N.W. by N.	3	N.W. by N.	1	N.W. by N.
	20	N.	5	N.N.E.	5	N.N.E.	6	N.	4	N.	3	N.
	21	—	—	—	—	—	—	—	—	—	—	—
	22	N.W.	4	N.W. by N.	3	N.W. by N.	2	N.W. by N.	2	N.W. by N.	3	N.W. by N.
	23	W. by N.	1	W. by N.	2	W. by N.	2	W. by N.	3	W. by N.	3	W. by N.
	24	N.W. by N.	4	N.W. by N.	3	N.W. by N.	4	N.W. by N.	4	N.W. by N.	4	N.W. by N.
	25	Calm.	—	E.N.E.	2	N. by E.	2	N.	3	N.	3	N.N.W.
	26	N.W. by N.	5	N.W. by N.	4	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.
	27	N.W.	4	N.W. by N.	4	N.W. by N.	2	N.W. by N.	1	N.W. by N.	1	Calm.
	28	—	—	—	—	—	—	—	—	—	—	—
	29	N.N.W.	5	N.N.W.	5	N.N.W.	6	N.N.W.	6	N.N.W.	6	N.N.W.
	30	N.W.	4	N.W. by N.	4	N.N.W.	4	N.W. by N.	4	N.W.	4	N.W.
	31	N.W.	4	N.W.	4	N.W. by N.	4	N.W. by N.	5	W. by N.	5	W.N.W.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
—	—	—	—	—	—	—	—	—	—	—	—	1
N. by W.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	2
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	3
N.N.W.	1	N.N.W.	2	N.N.W.	2	Calm.	—	N.N.W.	2	N.N.W.	3	4
Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.W. by N.	2	N.W. by N.	2	5
N.N.W.	3	N.N.W.	4	N.N.W.	3	N.N.W.	6	N.N.W.	4	E.S.E.	2	6
N.W.	4	N.W.	4	N.W. by W.	4	N.W.	3	N.W.	3	N.W.	4	7
—	—	—	—	—	—	—	—	—	—	—	—	8
S.E.	1	S.E.	1	Calm.	—	Calm.	—	E.S.E.	1	Calm.	—	9
N.W. by N.	2	N.W. by N.	4	N.W.	5	N.W. by N.	5	N.W.	5	N.W. by W.	6	10
N.W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	2	N.N.W.	2	N.N.W.	2	11
N.W. by W.	2	N.W.	2	N.W.	2	N.W. by W.	1	N.W. by W.	1	N.W. by W.	2	12
N.N.W.	7	N.N.W.	5	N.N.W.	6	N.N.W.	6	N.W. by N.	6	N.N.W.	7	13
N.W. by N.	4	N.W. by N.	2	N.W. by N.	4	N.W. by N.	4	N.W. by N.	4	N.W. by N.	4	14
—	—	—	—	—	—	—	—	—	—	—	—	15
N.W.	5	N.W. by N.	4	N.W. by N.	4	N.W. by N.	4	N.W. by N.	4	N.W.	6	16
N.N.W.	7	N.W. by N.	6	N.N.W.	7	N.N.W.	3	N.N.W.	2	N.N.W.	2	17
N.W. by W.	3	N.W. by W.	5	N.W. by N.	4	N.N.W.	2	N.N.W.	3	N.N.W.	3	18
N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	4	N.N.W.	4	N.W.	4	19
N.N.W.	2	N.W. by N.	1	N.N.W.	4	N.N.W.	4	N. by E.	5	N.	5	20
N.W.	2	N.W.	1	N.W.	1	N.W.	2	N.W.	2	N.W.	3	21
—	—	—	—	—	—	—	—	—	—	—	—	22
N. by E.	1	N. by E.	1	W. by N.	1	Calm	—	W. by N.	1	Calm.	—	23
N.W. by N.	2	N.W. by N.	1	N.W. by N.	1	N.W. by N.	2	N.W. by N.	3	N.W. by N.	3	24
S.E. by E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	25
N. by W.	4	N.W. by N.	5	N.W. by N.	5	N.W.	5	N.W. by N.	5	N.W. by N.	5	26
N.	2	N.	3	N.	3	N.W. by N.	5	N.W.	6	N.W.	4	27
N.N.W.	3	N.N.W.	3	N.N.W.	4	N. by W.	4	N. by W.	5	N.W. by N.	5	28
—	—	—	—	—	—	—	—	—	—	—	—	29
N.W.	4	N.W.	2	N.W.	4	N.W.	4	N.W.	3	N.W.	3	30
N.W. by W.	6	N.W. by N.	3	N.W. by N.	5	N.W. by W.	5	N.W.	4	N.W.	4	31

AUGUST.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.W. by N.	2	N.W. by N.	2	N.W. by N.	1	N.W. by N.	2	N.W. by N.	2	N.N.W.	4	1
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N. by W.	1	2
N. by W.	1	N. by W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	1	3
N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	1	N.W. by N.	3	4
N.W. by N.	2	N.W. by N.	3	N.W. by W.	4	N.W. by W.	4	N.W.	3	N.W.	2	5
N.W.	1	N.W.	1	W.N.W.	4	N.W. by W.	3	N.W. by W.	4	N.W. by W.	4	6
—	—	—	—	—	—	—	—	—	—	—	—	7
N.W.	1	N.W.	1	N.W.	2	N.W.	2	N.W.	3	N.W.	3	8
N.W.	2	N.W.	2	W.	2	N.N.W.	4	N.W.	4	N.W.	3	9
N.W.	4	N.N.W.	3	N.N.W.	3	N.W.	3	N.W.	2	N.W.	2	10
N.W. by N.	7	N.W.	7	N.W.	8	N.N.W.	7	N.W.	4	W.	4	11
N.W. by W.	3	N.W. by W.	3	N.W. by W.	2	N.W. by W.	4	N.W.	3	N.W.	2	12
N.W. by N.	5	N.W. by N.	4	N.W. by N.	4	N.N.W.	4	N.N.W.	4	N.N.W.	4	13
—	—	—	—	—	—	—	—	—	—	—	—	14
N.W. by N.	4	N.W. by N.	5	N.W. by N.	6	N.W. by N.	6	N.W. by N.	6	N.W. by N.	5	15
N.N.W.	4	N.N.W.	4	N.N.W.	4	N.W.	5	N.W. by N.	3	N.W. by N.	4	16
N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	3	N.N.W.	2	N.N.W.	3	17
W.N.W.	6	N.W. by W.	5	N.N.W.	6	N.N.W.	6	N.N.W.	6	N.N.W.	6	18
N.W. by N.	3	N.W. by W.	3	N.W. by W.	4	N.W. by W.	3	N.W. by W.	3	N.W. by N.	3	19
N.N.W.	2	N.N.W.	2	N.W.	3	N.W. by N.	2	N.W. by N.	3	N.N.W.	4	20
—	—	—	—	—	—	—	—	—	—	—	—	21
N.W. by N.	3	N.W. by N.	4	N.W. by N.	4	N.W. by N.	4	N.W. by N.	4	N.W. by N.	4	22
W. by N.	2	W. by N.	2	W. by N.	2	N.W. by W.	3	N.W.	3	N.W. by N.	2	23
N.W. by N.	4	N.W. by N.	2	N.W. by N.	2	N.W. by N.	3	N.W. by N.	3	N.W. by N.	2	24
N.W. by N.	4	N.W. by N.	4	N.W. by W.	4	N.W.	3	N.N.W.	5	N.N.W.	6	25
N.W. by N.	2	N.W. by N.	1	N.W. by N.	1	N.W. by N.	2	N.W. by N.	4	N.W. by N.	4	26
N.W. by N.	2	N.W.	4	N. by W.	6	N.N.W.	4	N.N.W.	3	N.N.W.	6	27
—	—	—	—	—	—	—	—	—	—	—	—	28
N.N.W.	8	N.N.W.	6	N.W. by N.	6	N.W. by N.	6	N.W. by N.	6	N.W. by N.	5	29
N.W.	3	N.W.	3	N.W.	3	N.W.	2	N.W. by N.	4	N.W. by N.	3	30
W.N.W.	6	N.W. by N.	6	W.N.W.	6	N.W. by W.	6	N.W. by N.	7	W.N.W.	7	31

AUGUST.

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
SEPTEMBER.	1	N. by W.	7	N.W. by W.	7	N.N.W.	6	N.N.W.	7	N.N.W.	6	N.W. by N.	2
	2	S.E.	3	S.E.	2	S.E.	1	S.E.	3	S.E.	2	S.E.	1
	3	Calm.	—	N. by E.	1	N. by E.	1	N. by E.	1	N. by E.	1	N. by E.	1
	4	N.N.W.	7	N.N.W.	8	N.N.W.	7	N.N.W.	7	N.N.W.	7	N.N.W.	5
	5	—	—	—	—	—	—	—	—	—	—	—	—
	6	N.E.	1	N.E.	2	N.N.E.	2	N.E. by N.	2	E.N.E.	3	E.N.E.	2
	7	N.N.W.	5	N.N.W.	5	N.N.W.	4	N.N.W.	3	N.N.W.	2	N.N.W.	1
	8	N.N.W.	7	N.N.W.	7	N.N.W.	7	N.N.W.	7	N.W. by N.	7	N.W. by N.	7
	9	N.N.W.	7	N.N.W.	8	N.N.W.	8	N.N.W.	8	N.N.W.	8	N.W.	7
	10	N.W. by N.	4	N.W. by N.	4	N.W. by N.	4	N.W. by N.	3	N.W. by N.	2	N.W. by N.	2
	11	S. by E.	3	W.N.W.	4	W.N.W.	3	W.S.W.	6	W.S.W.	3	W. by S.	3
	12	—	—	—	—	—	—	—	—	—	—	—	—
	13	N.W.	4	N.N.W.	4	N.	6	W.	1	N.W.	2	N.W. by N.	2
	14	N.	3	N.N.E.	2	S.E. by S.	3	S.S.E.	3	S.S.E.	2	S.S.E.	2
	15	N.W. by N.	3	Calm.	—	Calm.	—	Calm.	—	N.	1	N.	1
	16	N.E. by E.	1	E.S.E.	2	N. by W.	5	N.N.W.	6	N.N.W.	6	N.N.W.	6
	17	N.W. by W.	8	N.W. by W.	8	N.W. by W.	8	N.W. by W.	6	N.W.	5	W.N.W.	1
	18	N.W. by W.	4	N.W. by N.	4	N.W. by N.	4	N.W. by N.	4	N.N.W.	4	W.N.W.	3
	19	—	—	—	—	—	—	—	—	—	—	—	—
	20	N.N.W.	5	N.W.	6	N.W. by N.	7	N.W.	7	N.N.W.	7	N.W. by W.	7
	21	N.W.	5	N.W.	6	N.W.	8	N.W.	8	N.W.	8	N.W.	7
	22	W.S.W.	4	N.W. by N.	4	W.N.W.	4	W.	4	W. by S.	5	W.N.W.	3
	23	N. by W.	5	N.N.W.	4	N.N.W.	4	N.N.W.	6	N.N.W.	7	N.N.W.	7
	24	N.	2	N.E.	1	N. by W.	1	N.	2	N.	1	S. by W.	2
	25	S.E. by S.	2	W.N.W.	4	W.	4	W.	5	N.	5	W.S.W.	4
	26	—	—	—	—	—	—	—	—	—	—	—	—
	27	N.	3	N.W. by W.	5	N.	6	N. by W.	7	N. by W.	6	N. by W.	6
	28	N.N.W.	8	N.W.	8	N.W.	6	N.W. by N.	5	N.N.W.	5	N.W.	2
	29	N.	4	N.	3	S.S.E.	4	S.S.E.	4	S.S.E.	5	S.E. by S.	3
	30	N.W.	4	N.N.W.	4	N.W. by N.	4	W.N.W.	4	N. by W.	5	N.W. by N.	4

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
SEPTEMBER.	1	N.W. by N.	1	N.W. by N.	2	N.W. by N.	3	S.E.	3	S.E.	3	S.E.	3
	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	3	N. by W.	4	N. by W.	4	N.N.W.	4	N.N.W.	4	N.W. by N.	4	N.W. by N.	4
	4	—	—	—	—	—	—	—	—	—	—	—	—
	5	Calm.	—	Calm.	—	Calm.	—	S.E.	1	S.E.	1	Calm.	—
	6	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	7	N.W. by N.	6	N.W. by N.	6	N.W. by N.	6	N.N.W.	5	N.N.W.	5	N.N.W.	5
	8	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2
	9	N.W. by W.	4	N.W.	6	N.W.	7	N.N.W.	6	N.N.W.	4	N.N.W.	5
	10	N.N.W.	3	N.N.W.	4	N.N.W.	4	N.N.W.	4	N.W. by N.	4	N.W. by N.	3
	11	—	—	—	—	—	—	—	—	—	—	—	—
	12	W.N.W.	1	W.N.W.	2	W.N.W.	2	Calm.	—	Calm.	—	N.W.	2
	13	N.W.	4	N.W.	3	N.W.	3	N.N.W.	4	N.	3	N.	3
	14	N.N.W.	5	N.W.	4	N.W.	5	N.W. by N.	5	N.N.W.	5	N.N.W.	5
	15	N.N.W.	3	Calm.	—	Calm.	—	Calm.	—	N. by W.	3	N. by W.	3
	16	N.W. by W.	8	N.W.	7	N.W. by N.	6	N.W. by N.	5	N.W. by W.	5	N.W.	7
	17	N.W. by N.	3	N.N.W.	3	N.N.W.	3	N.W. by N.	3	N. by W.	3	N.N.W.	4
	18	—	—	—	—	—	—	—	—	—	—	—	—
	19	N.N.W.	2	N.N.W.	3	N.W.	4	N.W.	4	N.W.	3	N.W.	2
	20	N.N.W.	5	N.W. by W.	4	N.W.	5	N.W.	5	W.N.W.	5	W.N.W.	3
	21	N.W. by N.	7	N.W. by N.	2	N.W. by N.	4	N.W. by N.	5	N.N.W.	3	N.N.W.	3
	22	N. by W.	3	N. by W.	2	N. by W.	2	N.N.W.	3	N.N.W.	3	N.N.W.	3
	23	S.E. by E.	3	S.	6	W.S.W.	5	S.W.	3	S. by W.	1	S. by W.	1
	24	N.N.W.	1	N.W.	2	N.N.W.	3	N.W.	4	N.W.	3	N.W.	5
	25	—	—	—	—	—	—	—	—	—	—	—	—
	26	N.N.W.	1	N.W.	3	N.N.W.	3	N.N.W.	4	N.N.W.	5	N.W.	1
	27	N.N.W.	4	N.N.W.	5	N. by W.	9	N. by W.	9	N.N.W.	10	N.N.W.	9
	28	N.W.	1	N.W.	2	N.W.	2	N. by W.	2	N. by W.	2	N. by W.	2
	29	N.W.	3	W.N.W.	3	N.W.	2	N.W.	2	N.W.	2	N.W. by N.	2
	30	N.W.	3	Calm.	—	N.W.	1	Calm.	—	Calm.	—	Calm.	—

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.	
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .			
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	SEPTEMBER.	
N.W. by N.	4	N.W. by N.	4	N.W.	3	N.W. by N.	3	N.W. by N.	4	N.W. by N.	2		1
S.E.	1	S.E.	1	S.E.	1	Calm.	—	Calm.	—	Calm.	—		2
N. by E.	1	N.	2	N.	2	N.	2	N.	3	N. by W.	4		3
N.N.W.	4	N.N.W.	3	N.N.W.	1	N.N.W.	4	N.N.W.	4	N.N.W.	3		4
—	—	—	—	—	—	—	—	—	—	—	—		5
E.N.E.	1	N.W.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—		6
Calm.	—	Calm.	—	N.N.W.	1	N.N.W.	2	N.W. by N.	3	N.W. by N.	4		7
N.W. by N.	7	N.W. by N.	5	N.W. by N.	3	N.W. by N.	7	N.N.W.	5	N.N.W.	3		8
N.W.	7	W.N.W.	7	W.N.W.	7	N.N.W.	4	N.N.W.	4	N.W. by W.	4		9
N.W. by N.	1	N.W. by N.	3	N.W. by N.	3	N.N.W.	3	N.N.W.	3	N.N.W.	3		10
S.E.	3	S.E.	4	S.S.W.	2	S.S.W.	2	S.S.E.	2	S.S.E.	4		11
—	—	—	—	—	—	—	—	—	—	—	—		12
N.W.	3	N.W. by N.	3	N.W. by N.	2	W.N.W.	2	N.W. by W.	2	N.W.	2		13
S.S.E.	2	S.S.E.	2	S.S.E.	1	S.S.E.	2	S.S.E.	2	S.S.E.	1		14
N.	1	Calm.	—	Calm.	—	Calm.	—	N.W.	1	N.W.	1		15
N.N.W.	6	N.W.	3	N.N.W.	5	N.N.W.	6	N.N.W.	6	N.W. by N.	7		16
N.W.	2	N.W. by N.	2	N.W.	2	W. by N.	6	N.W.	4	N.W.	3		17
N.W. by N.	2	N.W. by N.	4	N.W. by N.	4	N.W.	3	N.W.	3	N.W.	4		18
—	—	—	—	—	—	—	—	—	—	—	—		19
W.N.W.	5	N.W.	6	N.W. by N.	4	N.E.	4	N.	3	N.	6		20
N.	7	N.N.W.	7	N. by W.	7	N.N.W.	7	N.N.W.	7	N.N.W.	7		21
W.N.W.	3	W.N.W.	3	W.N.W.	3	N. by W.	2	N. by W.	3	N.	4		22
N.N.W.	7	N.W. by N.	7	N.W. by N.	6	N.W. by N.	6	N.W.	5	S.	6		23
S. by W.	2	S. by W.	1	S. by W.	1	S. by W.	1	Calm.	—	N.N.W.	1		24
W.S.W.	2	S.S.E.	2	S.	2	S.S.E.	3	S.S.E.	4	S.S.E.	4		25
—	—	—	—	—	—	—	—	—	—	—	—		26
N. by W.	6	N. by W.	6	N. by W.	7	N. by W.	6	N.	6	N.	5		27
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—		28
S.E.	2	S.E.	2	S.E. by S.	1	Calm.	—	N.W. by N.	3	N.N.W.	4		29
N.W. by N.	4	N.W. by N.	4	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N.W.	3	30	

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.	
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .			
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	SEPTEMBER.	
S.E.	2	S.E.	2	S.E.	1	S.E.	2	S.E.	2	S.E.	2		1
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—		2
N.N.W.	4	N.N.W.	4	N.N.W.	4	N.N.W.	6	N.N.W.	7	N.N.W.	7		3
—	—	—	—	—	—	—	—	—	—	—	—		4
Calm.	—	Calm.	—	Calm.	—	N.E.	1	N.E.	2	N.E.	1		5
Calm.	—	Calm.	—	N.N.E.	1	N.W. by N.	4	N.N.W.	4	N.N.W.	4		6
N.N.W.	5	N.N.W.	4	N.N.W.	2	N.N.W.	1	N.N.W.	1	N.N.W.	2		7
N.N.W.	3	N.N.W.	5	N.N.W.	6	N.N.W.	8	N.N.W.	8	N.N.W.	6		8
N.N.W.	5	N.N.W.	7	N.N.W.	7	N.N.W.	6	N.W. by N.	4	N.W. by N.	4		9
N.W. by N.	1	N.W. by N.	4	N.W. by N.	3	N.W.	2	N.W.	3	N.W.	2		10
—	—	—	—	—	—	—	—	—	—	—	—		11
N.W. by W.	3	N.W. by W.	3	N.W.	4	N.N.W.	3	N.W. by W.	4	N.W.	4		12
N.N.W.	2	N.W. by N.	2	N.W. by N.	2	N. by W.	1	N.	3	N.	2		13
N. by W.	4	N.W.	5	N.N.W.	5	N.N.W.	3	N.N.W.	2	N.W.	2		14
N.W.	3	N.W.	4	N.W.	3	N.W. by W.	2	N.N.W.	2	N. by W.	2		15
N.N.W.	8	N.W. by N.	6	N.W. by N.	7	N.W. by N.	9	N.W. by N.	9	N.W. by N.	8		16
W.N.W.	5	W. by N.	7	N.W. by N.	4	N.N.W.	3	N. by W.	5	N.W. by W.	4		17
—	—	—	—	—	—	—	—	—	—	—	—		18
N.W.	1	N.W.	2	N.N.W.	3	N.N.W.	3	N.W.	4	N.W.	4		19
W.N.W.	2	W.N.W.	4	W.N.W.	5	N.	3	N. by W.	5	N.	4		20
N.	3	N.	3	N.	3	N. by W.	4	N.W. by N.	3	W. by S.	4		21
N.N.W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	3	N. by W.	4	N. by W.	5		22
S.S.W.	1	S.S.W.	2	S.	3	S.S.W.	4	W.S.W.	3	N.	2		23
N.W.	3	N.	4	N.W. by N.	3	N. by W.	2	N.N.W.	4	W.	2		24
—	—	—	—	—	—	—	—	—	—	—	—		25
N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	3	N. by W.	4	N. by W.	4		26
N. by W.	7	N.W.	7	N. by W.	7	N.W. by N.	7	W. by N.	6	N. by W.	7		27
N.N.W.	2	N.W.	2	W.N.W.	1	N.N.W.	4	N. by W.	5	N. by W.	5		28
N.W. by N.	4	N.W. by N.	2	N.W. by N.	2	N.E.	2	N. by W.	3	N.W.	3		29
W.N.W.	1	W.	1	W.	2	S.	2	S.W.	2	N.W.	3	30	

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
OCTOBER.	1	S.W. by S.	3	S.	2	S. by E.	2	W.N.W.	2	W.S.W.	3	W. by S.	3
	2	S.S.E.	4	S.E. by S.	6	S.E. by S.	6	S.S.E.	7	S.S.E.	6	S. by E.	4
	3	—	—	—	—	—	—	—	—	—	—	—	—
	4	S.	6	S.	8	W.S.W.	7	S.S.W.	9	S.	9	S.W. by W.	9
	5	S.W. by W.	4	S.W.	4	W.S.W.	3	W. by S.	4	W.S.W.	4	W.	2
	6	N.W.	3	N. by W.	3	S.E.	2	S.E. by S.	1	N.N.W.	2	N.N.W.	2
	7	S.E. by S.	2	S.E. by S.	2	S.E. by S.	4	S.S.E.	6	S.S.E.	3	S.S.E.	3
	8	S.E. by S.	4	S.E. by S.	5	S.E. by S.	6	S.E. by S.	5	S.E. by S.	4	S.E. by S.	3
	9	N. by W.	4	N.W.	2	S.S.E.	2	S. by W.	2	S. by E.	1	N.N.E.	1
	10	—	—	—	—	—	—	—	—	—	—	—	—
	11	N.W. by N.	5	N.W. by W.	7	N.W.	7	W.N.W.	6	W.N.W.	5	N.W.	5
	12	W.N.W.	6	N.W. by W.	6	W. by N.	5	S.W. by W.	4	W. by N.	4	N.W. by W.	3
	13	S.S.E.	4	S.W. by S.	5	S.S.W.	4	S.S.W.	4	W. by S.	6	S.W. by W.	5
	14	N.N.W.	9	N.W.	7	N.N.W.	8	W.N.W.	8	W.N.W.	6	W.S.W.	7
	15	S.W. by W.	5	S.S.E.	4	S. by W.	3	S.E. by S.	4	S.E. by S.	4	S.E. by S.	5
	16	N.	5	N.	6	S.E. by S.	3	S.S.E.	4	S.S.E.	5	S. by E.	4
	17	—	—	—	—	—	—	—	—	—	—	—	—
	18	W.S.W.	6	N.W.	8	N.W.	6	N.W.	6	N.W. by N.	3	N. by W.	3
	19	N.W.	7	N.W.	6	N.N.W.	4	N.W. by N.	3	S.E. by S.	5	S.S.E.	6
	20	N.E.	2	N.N.W.	4	N.N.W.	3	N.W. by N.	3	N.W.	2	N.W.	2
	21	E. by N.	4	E. by N.	4	E. by N.	3	E. by N.	4	E. by S.	5	E. by S.	5
	22	S.E.	4	S.E.	5	E.S.E.	5	S.E.	5	S.E.	4	S.E.	2
	23	S.E.	6	S.S.E.	5	S.E. by S.	6	S.E. by S.	5	S.S.E.	4	S.E.	3
	24	—	—	—	—	—	—	—	—	—	—	—	—
	25	N.N.W.	7	N.N.W.	7	N.W. by N.	5	N. by W.	4	N.N.W.	4	N.N.W.	4
	26	N. by W.	6	N.W.	5	N.W.	6	N.W. by W.	6	N. by W.	6	N.W.	4
	27	S.E. by S.	4	S.E. by S.	6	S.E. by S.	7	S.E. by S.	7	S.S.E.	7	S.	7
	28	S. by E.	3	S. by E.	3	S. by E.	4	S. by E.	2	S. by E.	3	S.	2
	29	S. by E.	1	S. by E.	1	S. by E.	4	S. by E.	4	S. by E.	3	S. by E.	3
	30	N.W.	4	N.W.	3	N.W.	3	W. by N.	2	N.W.	4	N.W.	5
	31	—	—	—	—	—	—	—	—	—	—	—	—

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
OCTOBER.	1	Calm.	—	Calm.	—	N.W.	2	N.W.	2	N.W.	2	N.W.	1
	2	—	—	—	—	—	—	—	—	—	—	—	—
	3	N.W.	3	N.W. by N.	3	N.N.W.	3	N.N.W.	3	N.N.W.	3	N.	4
	4	S.S.W.	6	S.W. by W.	6	S.S.E.	4	S.S.E.	4	S.E.	4	S.E. by S.	4
	5	E.	2	E.	2	Calm.	—	N.W.	1	N.W.	3	N.W. by N.	3
	6	S.	1	S.	1	S.	1	N.E.	1	N.E.	1	Calm.	—
	7	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	W.S.W.	1
	8	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	W.	1
	9	—	—	—	—	—	—	—	—	—	—	—	—
	10	N.W.	5	N.W.	6	N.W. by N.	7	N.W. by N.	6	N.W.	7	N.W. by N.	7
	11	N.N.W.	6	N.W. by N.	6	N.W.	6	N.W.	6	N.W. by N.	6	N.W. by N.	6
	12	N. by W.	2	N. by W.	1	N. by W.	2	N.W.	2	N.W.	1	N.W.	2
	13	N.W.	5	N.W.	6	N.W.	5	N.W.	4	N.W.	5	N.W.	4
	14	S.S.E.	3	S.E. by E.	3	S.	3	S. by W.	2	S. by W.	2	S.S.W.	1
	15	N. by W.	1	Calm.	—	Calm.	—	N.W. by N.	1	N.W. by W.	1	N.W. by W.	2
	16	—	—	—	—	—	—	—	—	—	—	—	—
	17	N.W.	6	N.W.	5	N.W.	3	N.W.	2	N.W.	1	Calm.	—
	18	N.W.	2	N.W. by N.	2	N.W. by N.	2	N.W. by N.	3	N.W. by N.	2	N.N.W.	2
	19	E.S.E.	1	E.S.E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	20	Calm.	—	Calm.	—	Calm.	—	Calm.	—	E. by S.	2	E. by S.	2
	21	S.E.	4	S.E.	4	S.S.E.	2	W.N.W.	2	W.N.W.	2	W.N.W.	2
	22	N.W. by W.	3	W.N.W.	2	S.S.E.	2	S.S.E.	3	S.E. by S.	4	S.E. by S.	3
	23	—	—	—	—	—	—	—	—	—	—	—	—
	24	N.W. by N.	6	N.W.	6	N.N.W.	6	N.W.	6	N.W. by W.	7	N.W.	6
	25	N.W. by N.	2	N.W. by N.	3	N.W. by N.	4	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3
	26	N.N.W.	2	N.N.W.	2	N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	1
	27	S. by E.	4	S. by E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	28	S. by E.	1	S. by E.	1	S. by E.	2	S. by E.	1	Calm.	—	Calm.	—
	29	N.W. by N.	3	N.W. by N.	4	N. by W.	3	N. by W.	3	N. by W.	3	N. by W.	4
	30	—	—	—	—	—	—	—	—	—	—	—	—
	31	N.W. by N.	3	N.W. by N.	3	S.S.E.	2	Calm.	—	W.	3	N. by W.	2

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.W.	3	N.W.	3	N.W. by W.	3	N.W.	3	N.W.	1	E.N.E.	1	1
S.	4	S.	3	S.	2	S.	4	S.	2	Calm.	—	2
—	—	—	—	—	—	—	—	—	—	—	—	3
S.S.W.	8	W.	8	S.S.W.	6	S.W.	6	S.	8	W.	7	4
S.W. by W.	2	N.W. by W.	2	N.W. by W.	4	N.N.W.	2	N.N.E.	2	E.	2	5
N.N.W.	2	N.N.W.	2	N.N.W.	2	S.S.E.	1	S.	1	S.	1	6
S.S.E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	7
S.E. by S.	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	8
N.N.W.	1	N.N.W.	3	N.W.	3	N.W.	2	N.W.	2	N.W.	2	9
—	—	—	—	—	—	—	—	—	—	—	—	10
W. by N.	6	N.W.	6	N.N.W.	7	N.W.	6	N.W.	5	W.N.W.	6	11
S.W. by S.	5	S.S.E.	2	S.S.E.	1	N.E.	1	N.	3	N. by W.	3	12
N.W. by W.	2	N.W.	3	N. by W.	4	W.N.W.	3	N.N.W.	3	N.W. by N.	3	13
S.	7	S.W. by S.	7	W.S.W.	3	S.S.W.	3	S.S.W.	4	S.S.W.	3	14
S.E. by S.	3	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N. by W.	1	15
S.E. by S.	2	Calm.	—	Calm.	—	S.S.E.	2	S.S.E.	2	S.S.E.	2	16
—	—	—	—	—	—	—	—	—	—	—	—	17
N.W.	2	N.W.	2	N.W.	2	N.W.	4	N.W.	2	N.W.	2	18
S.S.E.	4	E.S.E.	2	E.S.E.	1	Calm.	—	Calm.	—	E.S.E.	1	19
N.W. by N.	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.E.	2	20
E. by S.	4	E.	5	E.	6	S.E.	3	S.E.	4	S.E.	5	21
S.S.E.	3	S.	3	N.W. by N.	2	W.N.W.	4	N.W. by W.	4	N.W. by W.	3	22
S.E.	3	S.E.	1	S.E.	1	Calm.	—	S.S.E.	2	S.S.W.	2	23
—	—	—	—	—	—	—	—	—	—	—	—	24
N.N.W.	4	N.W. by N.	2	N.W. by N.	1	Calm.	—	Calm.	—	N.W. by N.	3	25
N.W. by N.	2	E.S.E.	1	N. by W.	1	N.W. by N.	1	N.W.	1	N.N.W.	2	26
S. by E.	5	S.S.E.	5	S. by E.	4	S. by E.	5	S. by E.	6	S. by E.	4	27
S. by W.	2	S. by W.	1	S. by E.	2	S. by E.	2	S. by E.	1	S. by E.	1	28
S. by E.	2	S. by E.	2	Calm.	—	Calm.	—	S. by E.	1	S. by E.	1	29
N.W.	4	N.W.	3	N.W.	3	N.N.W.	2	N.N.W.	2	N.N.W.	2	30
—	—	—	—	—	—	—	—	—	—	—	—	31

OCTOBER.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.W.	1	N.W.	1	N.W.	1	N.N.E.	3	S.W. by S.	4	S. by W.	3	1
—	—	—	—	—	—	—	—	—	—	—	—	2
N.N.W.	4	N.N.W.	5	N.N.W.	4	N.N.W.	4	W.N.W.	4	S.S.E.	4	3
S.E. by S.	5	S.S.W.	4	S.	3	W. by N.	3	N.N.W.	3	S.W. by S.	3	4
W. by N.	2	E. by N.	1	E.S.E.	1	E.S.E.	1	E.S.E.	2	N. by W.	4	5
Calm.	—	Calm.	—	N.E. by N.	1	N.N.E.	2	N. by W.	2	N. by E.	1	6
N.W.	3	N.N.W.	2	N.N.W.	2	N. by W.	1	N.N.W.	3	N.N.W.	1	7
W.N.W.	4	N.W.	5	N.W.	4	N. by W.	4	N. by W.	6	N. by W.	6	8
—	—	—	—	—	—	—	—	—	—	—	—	9
N.W. by N.	7	N. by W.	7	N.W. by N.	4	N.W. by N.	5	N.W. by N.	7	N.W. by N.	6	10
N.W. by N.	3	N.W. by N.	2	N.W. by N.	2	W.N.W.	4	N.N.W.	4	N.W.	5	11
N.W. by W.	2	S.W.	3	S.	3	S.S.E.	3	N.W. by W.	3	W. by S.	3	12
N.N.W.	4	N.N.W.	5	N.W. by N.	6	W.N.W.	8	N.W. by W.	8	N.W. by W.	9	13
S.S.W.	1	S.S.E.	1	S. by W.	2	S.S.W.	4	S.E. by S.	4	S.E.	4	14
N.W.	2	N.N.W.	3	N. by W.	3	N. by W.	5	N.W. by N.	4	N. by W.	5	15
—	—	—	—	—	—	—	—	—	—	—	—	16
N.W. by N.	4	N.W. by N.	7	N.W. by N.	9	N.W.	10	N.W.	8	N.W.	7	17
N.N.W.	2	N.W. by N.	4	N.W.	4	N.W. by W.	5	N.W.	5	N.W.	4	18
Calm.	—	Calm.	—	E.S.E.	1	N.W. by N.	1	N.W. by N.	1	E. by N.	1	19
E. by S.	3	S.E. by E.	3	E.S.E.	2	E.	3	E.	3	E.	4	20
W.N.W.	2	W.N.W.	2	N.W.	2	N.W.	2	E.S.E.	2	E.S.E.	2	21
S.E. by S.	3	S.E. by S.	3	S.E. by S.	4	S.E.	5	S.E.	5	S.E.	6	22
—	—	—	—	—	—	—	—	—	—	—	—	23
N. by W.	7	W.N.W.	6	N.W.	7	N.N.W.	6	N.N.W.	6	N.W. by N.	6	24
N.	5	N.N.W.	6	N.N.W.	5	N. by W.	5	N.N.W.	7	N.N.W.	6	25
N.N.W.	1	N.N.W.	1	N.N.W.	2	S.S.E.	5	S.S.E.	4	S.E.	3	26
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	S. by E.	2	27
Calm.	—	Calm.	—	Calm.	—	S. by E.	2	S. by E.	1	S. by E.	1	28
N.N.W.	5	N.W. by N.	6	N.N.W.	7	N.N.W.	6	N.W. by W.	5	N.W.	3	29
—	—	—	—	—	—	—	—	—	—	—	—	30
N. by W.	2	N. by W.	2	Calm.	—	S. by W.	7	S. by W.	6	W. by S.	5	31

OCTOBER.

DIRECTION AND FORCE OF THE WIND.														
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .			
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		
NOVEMBER.	1	W. by S.	5	W.S.W.	3	S.W.	4	W.S.W.	5	W.S.W.	6	S.W. by W.	6	
	2	N. by W.	4	W. by N.	4	N. by W.	5	N. by W.	5	N. by W.	4	N. by W.	4	
	3	N.E.	2	N.	3	N. by E.	4	N.	2	N.	2	N.	2	
	4	S. by E.	4	S.W. by W.	3	E.S.E.	3	W.	3	N.W. by N.	3	W.N.W.	4	
	5	N.	6	W.N.W.	6	W.	5	N. by W.	6	S.W. by W.	7	S.W. by S.	7	
	6	S.W.	5	S.W. by W.	6	W.S.W.	6	S.W.	8	S.W.	7	W.	5	
	7	—	—	—	—	—	—	—	—	—	—	—	—	—
	8	W.N.W.	5	N.W.	7	W. by N.	6	W. by N.	5	W.N.W.	7	N.W.	7	
	9	W. by N.	4	N.N.W.	6	N.W.	7	N.N.W.	7	W.	8	W.N.W.	9	
	10	S.W. by W.	8	W. by N.	9	W.	9	W.	6	W.	3	W.	3	
	11	S. by W.	6	S.W. by S.	6	S.S.W.	5	S.S.W.	5	S.S.W.	3	S.S.W.	2	
	12	N.	1	N.N.E.	1	W.S.W.	2	S.S.E.	4	S.E.	4	S.E.	3	
	13	N.N.W.	1	N.N.W.	1	N.	1	N. by E.	4	N.N.E.	5	N.N.E.	6	
	14	—	—	—	—	—	—	—	—	—	—	—	—	—
	15	S.E.	4	S.E.	3	S.E. by S.	5	S.E. by S.	6	S.E. by S.	8	S.E. by S.	6	
	16	N.W.	7	N.W. by N.	5	N.N.W.	6	N.W.	6	N.N.W.	5	N.N.W.	5	
	17	N.W. by N.	5	N.W. by N.	5	N.W. by N.	4	N.W. by N.	4	N.W. by N.	4	N.W. by W.	4	
	18	S.E. by S.	5	S.E. by S.	6	S.E.	6	S.E.	4	S.E.	3	S.E.	2	
	19	N.	3	S.E. by S.	4	N.W.	6	N.W.	7	N.W.	7	W.N.W.	6	
	20	N.W.	8	W.N.W.	7	N.W. by N.	7	N.W. by N.	4	W. by N.	6	N.W. by W.	5	
	21	—	—	—	—	—	—	—	—	—	—	—	—	—
	22	N.W.	4	N.W.	4	N.W. by N.	4	S.S.E.	4	S.E.	4	S.E. by S.	5	
	23	N.W. by N.	6	N.W. by N.	6	N.W.	6	N. by W.	7	N.W. by W.	7	N.W.	6	
	24	N. by W.	5	S.E.	1	S.E.	2	E.S.E.	2	N. by W.	2	N. by W.	2	
	25	N.E.	1	S.E.	7	E.S.E.	7	SE. by E.	7	S.E. by S.	7	S.S.E.	7	
	26	S.E. by E.	2	S.S.E.	4	S.S.E.	6	S.E. by S.	7	S.E. by S.	7	S.E. by S.	6	
	27	S.E. by E.	3	S.E.	6	S.S.E.	5	S.S.E.	6	S. by E.	6	S.S.E.	5	
	28	—	—	—	—	—	—	—	—	—	—	—	—	—
	29	N.W.	7	N.W. by N.	7	N.W.	7	N.W. by W.	7	W. by N.	4	N.W. by N.	4	
	30	N.W.	8	N.W. by W.	9	N. by W.	8	N.N.W.	7	W.N.W.	9	W.N.W.	7	

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .			
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		
NOVEMBER.	1	Calm.	—	S.W.	2	N.W.	2	N.W.	1	N.W.	2	N.W.	4	
	2	N.N.W.	3	N. by W.	4	N.W. by N.	4	N.W. by N.	3	N.N.W.	5	N.N.W.	5	
	3	N.W.	2	N.W.	3	N.W. by W.	4	N.W. by W.	3	N.W. by W.	5	N.W. by W.	2	
	4	N. by W.	4	N. by W.	6	N. by W.	6	N. by W.	4	N. by W.	5	N.	5	
	5	S.W.	6	S.W.	5	S.W. by W.	5	N.W. by N.	2	W.S.W.	3	N.W.	3	
	6	—	—	—	—	—	—	—	—	—	—	—	—	
	7	Calm.	—	N.	1	W.	2	W.N.W.	3	N.W. by N.	4	N.W. by W.	6	
	8	N.W. by N.	6	N.W. by W.	5	N.W. by W.	5	W. by N.	5	N.W.	6	N.W.	6	
	9	N.W.	6	N.W.	7	N.W. by W.	8	N.W. by W.	7	N.	6	W.N.W.	7	
	10	N. by W.	3	N. by W.	3	N.	3	N.	3	N. by E.	3	N.	1	
	11	W.N.W.	2	W.	1	W.	1	W.	1	W.	1	W.	1	
	12	N.W.	3	N.W.	4	N.W.	3	N.W.	2	N.W.	1	N.W.	4	
	13	—	—	—	—	—	—	—	—	—	—	—	—	—
	14	Calm.	—	Calm.	—	S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	1	
	15	N. by W.	5	N.E.	2	E.S.E.	2	E.S.E.	2	E.	3	N.W.	3	
	16	N.W. by N.	3	N.W. by N.	2	W.N.W.	3	W.N.W.	3	N.W.	2	W. by S.	2	
	17	W.N.W.	2	Calm.	—	N.W. by W.	1	N.W. by W.	2	N.W. by W.	1	N.W. by W.	2	
	18	W.S.W.	3	W.S.W.	2	W.S.W.	1	Calm.	—	Calm.	—	Calm.	—	
	19	N.W. by W.	3	N.W.	2	N.W.	2	N.W.	2	N.W.	2	N.W.	3	
	20	—	—	—	—	—	—	—	—	—	—	—	—	—
	21	N.N.W.	5	N.W.	4	N.W.	5	N.W.	6	N.W.	5	N.W. by N.	4	
	22	N.W.	4	N.W.	4	N.W.	4	N.W.	4	N.W.	2	N.W. by N.	6	
	23	N.W. by N.	3	N.W. by N.	2	N.N.W.	4	N. by W.	1	N.W. by N.	3	N.N.W.	2	
	24	Calm.	—	Calm.	—	N.W.	2	N.W.	6	N.W. by N.	3	N.W. by N.	3	
	25	S.S.E.	2	W.S.W.	2	W. by S.	3	W. by S.	3	W. by S.	3	N.W.	3	
	26	Calm.	—	N.W.	3	N.W. by N.	4	N.W. by N.	3	N.W.	3	N.W.	3	
	27	—	—	—	—	—	—	—	—	—	—	—	—	—
	28	Calm.	—	Calm.	—	N.	1	N.W.	3	N.W.	3	S.	2	
	29	N.N.W.	5	N. by W.	4	N.	7	N.W. by N.	4	N. by W.	5	N.W. by N.	4	
	30	N. by W.	6	N.W. by N.	6	N.N.W.	4	N.N.W.	3	N.N.W.	3	N.	4	

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
W.S.W.	4	W.S.W.	3	W.S.W.	2	W.S.W.	2	W.S.W.	1	W.S.W.	1	1
N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	2	N.N.W.	3	N.N.W.	3	2
N.	6	W.N.W.	6	N.W. by N.	2	Calm.	—	Calm.	—	N.N.W.	2	3
N.W. by W.	4	N.W. by N.	4	N.N.W.	3	N.W. by N.	4	N.N.W.	4	N.N.W.	4	4
S.W. by W.	7	S.W. by S.	7	S.W. by W.	4	S.W. by S.	4	S.W. by S.	6	S.W. by S.	7	5
S.W.	1	S.W.	1	S.S.W.	2	S.	2	S.	3	S.	2	6
—	—	—	—	—	—	—	—	—	—	—	—	7
N.W. by W.	7	W.N.W.	7	N.W.	7	N.W. by W.	7	N.W. by W.	7	N.W. by N.	6	8
N.N.W.	9	N.N.W.	9	N.W.	9	N.W.	9	N.N.W.	9	N.W.	8	9
W. by S.	2	W.	2	N.	3	N. by W.	3	N.N.W.	2	N.N.W.	3	10
S.	1	S.	1	W.N.W.	2	W.N.W.	4	W.N.W.	2	W.N.W.	2	11
S.E.	2	S.E.	1	S.E.	1	S.E.	1	Calm.	—	Calm.	—	12
N.N.E.	4	N.N.E.	3	N.N.E.	5	N.N.E.	3	N.N.E.	4	N.	5	13
—	—	—	—	—	—	—	—	—	—	—	—	14
S.E. by S.	2	S.E. by S.	1	E. by S.	4	N.E.	1	N.E. by N.	3	N.W. by N.	4	15
N.W. by N.	6	N.W. by N.	5	N.W. by W.	6	N.W. by W.	4	N.W. by N.	4	N.W. by N.	3	16
N.W. by W.	3	W.N.W.	2	W.N.W.	2	W.N.W.	2	W.N.W.	2	W.N.W.	2	17
S.W.	2	W.S.W.	2	W.S.W.	4	W.S.W.	4	W.S.W.	4	W.S.W.	3	18
N.W. by W.	6	N.W.	5	N.W. by N.	7	N.W.	6	N.W. by W.	6	N.W. by W.	4	19
N.W. by W.	4	N.W. by N.	7	W. by N.	8	W.S.W.	7	S.W. by S.	5	N. by E.	4	20
—	—	—	—	—	—	—	—	—	—	—	—	21
S.S.E.	5	S.S.E.	3	S.S.E.	2	Calm.	—	Calm.	—	N.W.	4	22
N.W.	1	N.W.	2	N.W.	3	N.W. by N.	4	N.W. by N.	4	N.W. by N.	3	23
S.E.	1	S.E.	1	S.E.	2	S.E.	2	Calm.	—	Calm.	—	24
S.S.E.	4	S.S.E.	2	S.S.E.	2	S.S.E.	2	S.S.E.	2	S.S.E.	2	25
S.E. by S.	2	S.S.E.	1	S.S.E.	1	Calm.	—	Calm.	—	Calm.	—	26
S.S.E.	4	S.S.E.	4	S.S.E.	2	S.S.E.	1	Calm.	—	Calm.	—	27
—	—	—	—	—	—	—	—	—	—	—	—	28
N.N.W.	6	N.N.W.	6	N.N.W.	6	N.N.W.	5	N.W. by N.	5	N.N.W.	6	29
W.N.W.	8	N.W.	7	N.W.	6	N. by W.	6	N.N.E.	6	N. by W.	6	30

NOVEMBER.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.W.	4	N.W.	4	N.N.W.	4	N.W. by W.	4	N. by W.	3	N.N.W.	3	1
N.W. by N.	6	N.N.W.	5	N.W. by W.	4	N.W. by W.	3	N.	4	N.	3	2
N.W. by W.	2	N.W. by W.	2	S.E. by S.	5	E.	3	E.S.E.	2	S. by E.	4	3
N.	6	N.	6	N.W.	7	N.W.	7	N.W. by W.	6	N.W. by W.	4	4
W. by N.	4	W. by S.	7	W.N.W.	9	S.W.	7	N.W. by W.	6	W.	6	5
—	—	—	—	—	—	—	—	—	—	—	—	6
N.W. by N.	5	W.N.W.	6	N.W. by W.	6	W.N.W.	6	N.W. by W.	5	N.W.	5	7
W.N.W.	5	W.N.W.	4	N.W. by W.	4	S.W. by S.	4	S.W.	4	W.S.W.	4	8
W.N.W.	4	W.	6	W.	7	W.	8	W.N.W.	8	W.S.W.	8	9
N.N.E.	2	N.E.	3	N. by W.	3	N.E.	2	E.N.E.	2	S.E. by E.	3	10
N.W.	2	W.N.W.	4	N.W. by W.	4	N.W.	4	N. by W.	4	N. by W.	3	11
N.W.	5	N.W.	5	N.N.W.	4	N.N.W.	6	N.N.W.	4	N.N.W.	4	12
—	—	—	—	—	—	—	—	—	—	—	—	13
Calm.	—	Calm.	—	E.S.E.	1	Calm.	—	N.N.E.	1	S.E.	3	14
N.W.	3	N.W.	3	N.W.	2	N.W.	4	N.N.W.	4	N.N.W.	6	15
N.N.W.	3	N.N.W.	4	N.N.W.	3	N.W. by N.	4	N.W. by N.	5	N.W. by N.	5	16
N.W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	2	N.N.W.	2	E.S.E.	2	17
Calm.	—	S.W. by W.	4	S.W.	4	S.W.	7	N.N.W.	8	N.N.W.	8	18
N.W.	3	N.W.	5	N.W. by W.	7	W.N.W.	8	N.W. by W.	7	N.W. by W.	7	19
—	—	—	—	—	—	—	—	—	—	—	—	20
N.W. by N.	4	N.N.W.	5	N.W.	5	N.W. by W.	5	S.S.W.	4	N.N.W.	5	21
W.N.W.	8	W.N.W.	9	W.N.W.	10	N.N.W.	5	N.W. by N.	5	N. by W.	6	22
N. by W.	1	N.N.W.	3	N. by W.	4	N.N.W.	4	N. by W.	5	N. by W.	5	23
N.W. by N.	4	N.W. by N.	4	N.W. by N.	3	S.E.	5	E. by N.	6	N.E.	2	24
N.W.	2	N.W.	1	N.W.	1	N.W.	1	N.W.	1	N.W.	1	25
N.W.	2	N.W.	1	N.N.W.	3	N.	2	N.	2	N.	2	26
—	—	—	—	—	—	—	—	—	—	—	—	27
S.	1	S.W.	4	N.W.	6	N.N.W.	7	N.N.W.	6	W. by N.	7	28
N.W. by N.	4	N.W. by N.	4	N.W. by N.	4	N.W.	5	N. by W.	8	N.W.	9	29
N.	3	W.N.W.	3	W.N.W.	3	S.W. by W.	6	W. by N.	8	S. by W.	8	30

NOVEMBER.

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
DECEMBER.	1	S.W.	8	W.S.W.	7	W.	6	W.S.W.	7	W.S.W.	4	W.S.W.	5
	2	N.N.W.	3	N.N.W.	4	N.N.W.	3	N.W.	3	S.W.	3	S.W.	2
	3	S. by E.	7	S. by E.	7	S. by E.	7	S. by E.	6	S.	5	S.	4
	4	N.N.E.	1	Calm.	—	E.S.E.	1	S.	3	S.	4	S.	3
	5	—	—	—	—	—	—	—	—	—	—	—	—
	6	S. by E.	4	S. by E.	5	S.S.E.	5	S.S.E.	6	S.S.E.	6	S. by E.	4
	7	S.S.E.	4	S.S.E.	4	S. by E.	4	S. by E.	3	S. by E.	3	S. by E.	6
	8	N. by E.	2	W.N.W.	4	N.W.	4	S. by E.	4	S.	5	S.E. by S.	5
	9	S.S.E.	3	S.	3	S.S.E.	2	S.S.E.	2	S.S.E.	2	S.S.E.	2
	10	S.E. by S.	6	S.E. by S.	7	S.E. by S.	6	S.E. by S.	6	S.	6	S.	4
	11	S.E.	2	S.E. by S.	2	S.S.E.	4	S.S.E.	6	S.S.E.	6	S.S.E.	3
	12	—	—	—	—	—	—	—	—	—	—	—	—
	13	S. by E.	3	S. by E.	3	S. by E.	3	S.S.E.	4	S.S.E.	5	S.S.E.	4
	14	S.S.E.	4	S.E.	5	N.E.	3	E.	4	E. by N.	4	N. by E.	3
	15	S.S.E.	3	S.E. by S.	3	S.E. by S.	3	S.E. by S.	4	S.S.E.	4	S.S.E.	2
	16	S.E.	3	S.E.	3	E. by S.	3	S.E. by S.	3	S. by E.	6	S.S.E.	7
	17	S.S.E.	3	E. by S.	3	S.E.	3	S.E.	3	S.E.	5	E. by S.	3
	18	N.W.	8	N.W.	8	N.W.	7	N. by W.	7	N. by W.	7	E. by N.	4
	19	—	—	—	—	—	—	—	—	—	—	—	—
	20	N.E.	3	W.N.W.	4	W.	3	W. by S.	3	W. by S.	3	W. by N.	3
	21	N.N.W.	5	N.N.W.	5	N.	4	S.E.	5	S.S.E.	6	S.E.	4
	22	Calm.	—	S.S.E.	4	S. by E.	5	S.	4	S. by E.	4	S.E. by S.	3
	23	S. by E.	6	S. by E.	6	S.E. by E.	6	S.S.E.	6	S.S.E.	7	S.S.E.	6
	24	S.E. by S.	2	S.E. by S.	1	S.E.	4	S. by E.	4	S. by E.	3	S. by E.	2
	25	—	—	—	—	—	—	—	—	—	—	—	—
	26	—	—	—	—	—	—	—	—	—	—	—	—
	27	N. by W.	3	W.	1	S. by E.	3	S. by E.	3	S. by E.	6	S. by E.	6
	28	N.W.	8	N. by W.	7	N. by W.	8	N.	7	N.W.	6	N.W. by W.	4
	29	N.W. by W.	2	N.W.	3	N.	2	N.	2	S. by E.	6	S. by E.	4
	30	S. by E.	4	S. by E.	4	S. by E.	5	S. by E.	5	S.	6	S.	4
	31	S.S.E.	4	S.S.E.	5	S.S.E.	5	S.S.E.	5	S.S.E.	4	S.	3

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
DECEMBER.	1	N.W.	2	N.W.	2	N.W.	2	N.W.	4	N.W. by N.	4	N.W. by N.	3
	2	N.W.	4	N.N.W.	4	W.	3	N.W. by W.	1	N.W. by W.	1	N.N.W.	2
	3	Calm.	—	N.N.W.	2	N.N.W.	3	N.N.W.	4	N.N.W.	4	N.N.W.	4
	4	—	—	—	—	—	—	—	—	—	—	—	—
	5	Calm.	—	S. by E.	1	Calm.	—	S. by E.	1	S. by E.	1	S. by E.	1
	6	N. by E.	3	N. by E.	2	N.W.	2	N.W.	3	N.W.	3	N.W. by N.	3
	7	S.S.E.	2	N.W.	1	N.N.W.	3	N.N.W.	3	N.W.	5	N.W.	7
	8	Calm.	—	Calm.	—	Calm.	—	N.W. by N.	1	N.W. by N.	2	N.W. by W.	3
	9	S.S.E.	4	S.S.E.	1	S.S.E.	2	S.S.E.	2	S.S.E.	1	Calm.	—
	10	S.S.E.	2	N.N.E.	2	Calm.	—	N.N.E.	1	N.N.E.	2	N.N.E.	1
	11	—	—	—	—	—	—	—	—	—	—	—	—
	12	N.N.W.	1	N.N.W.	4	N.N.W.	3	N.N.W.	3	N.N.W.	2	Calm.	—
	13	S.S.E.	2	S.	2	S.	2	S. by W.	2	S. by W.	2	Calm.	—
	14	Calm.	—	Calm.	—	N.E.	2	N. by E.	2	N. by E.	1	Calm.	—
	15	N.N.W.	4	N.W. by N.	4	N.W. by N.	4	N.W. by N.	2	N.N.W.	2	N.N.W.	2
	16	S. by W.	2	S. by W.	1	S. by W.	1	S.	1	S.	1	S.	1
	17	S.E.	2	S.E.	1	S.E.	1	S.E.	1	Calm.	—	Calm.	—
	18	—	—	—	—	—	—	—	—	—	—	—	—
	19	N.N.W.	4	N.N.W.	4	N.N.W.	4	N.N.W.	3	N.N.W.	4	N. by W.	4
	20	N. by W.	2	N. by W.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N.	3
	21	S.E.	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.E.	2
	22	N.	1	N.W. by N.	4	N.W. by N.	3	N.N.W.	3	N.N.W.	2	N.N.W.	3
	23	S.S.E.	1	S.S.E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	24	—	—	—	—	—	—	—	—	—	—	—	—
	25	—	—	—	—	—	—	—	—	—	—	—	—
	26	N. by E.	2	N. by E.	2	N. by E.	2	N. by E.	1	N. by E.	1	N.	2
	27	N.N.W.	4	N.N.W.	3	Calm.	—	N.	2	N.	3	N. by W.	4
	28	N. by E.	6	N.	5	N.	4	N.	4	N.	4	N.	3
	29	S. by E.	2	S. by E.	2	S. by E.	2	S. by E.	2	S. by E.	2	S. by E.	2
	30	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	31	Calm.	—	N.N.W.	4	N.N.W.	5	N.	4	N.	6	N.	6

DIRECTION AND FORCE OF THE WIND.

6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
W.S.W.	4	W.S.W.	4	W.S.W.	3	W.S.W.	3	W.S.W.	3	N.W.	2	1
W.	2	W.	1	W.S.W.	1	Calm.	—	N.N.W.	1	N.W. by N.	4	2
S.S.E.	3	S. by E.	1	S. by E.	1	Calm.	—	Calm.	—	Calm.	—	3
S.	3	S.	2	S.	2	S.	3	N.N.W.	6	N.N.W.	3	4
—	—	—	—	—	—	—	—	—	—	—	—	5
S.S.W.	2	S.S.E.	1	Calm.	—	Calm.	—	N.N.E.	1	N.N.E.	2	6
S. by E.	3	S. by E.	3	S. by E.	3	S.S.E.	2	S.S.E.	2	S.S.E.	2	7
S.S.E.	4	S.S.E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	8
S.S.E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	S.S.E.	3	9
S. by E.	2	S. by E.	1	S. by E.	2	S.S.E.	2	S.S.E.	2	S.S.E.	2	10
S.S.E.	3	S.E. by S.	3	S.E. by S.	2	S.E.	2	S.E.	2	S.E.	2	11
—	—	—	—	—	—	—	—	—	—	—	—	12
S.S.E.	2	S.S.E.	2	S.S.E.	2	S.S.E.	3	S.S.E.	2	S.S.E.	2	13
E.N.E.	3	E.N.E.	1	E.N.E.	1	E. by N.	2	E. by N.	1	E. by N.	1	14
S.S.E.	2	S.S.E.	5	S.S.E.	3	N.N.W.	2	N.N.W.	3	N.N.W.	4	15
S.S.E.	6	S. by W.	4	S. by W.	5	S. by W.	3	S. by W.	3	S. by W.	2	16
S.E. by E.	3	S.E. by E.	2	S.E. by E.	1	S.E.	1	S.E.	1	S.E.	2	17
N. by W.	7	N. by W.	7	N. by W.	7	N.N.W.	8	N.N.W.	8	N.	8	18
—	—	—	—	—	—	—	—	—	—	—	—	19
W. by N.	3	N.N.W.	2	N.N.W.	2	N.N.W.	3	N.	3	N.	3	20
S.S.E.	3	S.S.E.	3	S.S.E.	2	S.E.	2	S.E.	2	S.E.	2	21
S.S.E.	2	S.S.E.	2	Calm.	—	Calm.	—	N.E. by N.	2	N.E. by N.	1	22
S.	3	S. by W.	2	S. by W.	2	S.S.E.	2	S.S.E.	1	S.S.E.	1	23
S.	1	Calm.	—	S.	1	Calm.	—	N.	1	N.	1	24
—	—	—	—	—	—	—	—	—	—	—	—	25
—	—	—	—	—	—	—	—	—	—	—	—	26
S. by E.	3	S. by E.	2	S. by E.	2	S.S.E.	2	N.N.W.	3	N.N.W.	3	27
N.W. by W.	3	N.W.	3	N. by W.	4	N.	2	N.N.W.	4	N.	4	28
S. by W.	4	S.	2	S. by E.	3	S. by E.	3	S. by E.	3	S. by E.	2	22
S. by W.	4	S. by W.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	30
S.	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	31

DECEMBER.

18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.N.W.	4	W.	2	N.N.W.	5	N.N.W.	4	W.N.W.	6	N.W. by N.	5	1
N.N.W.	2	N.N.W.	2	N.N.W.	3	N. by E.	1	S.S.E.	3	S. by E.	6	2
N.N.W.	4	N.N.W.	5	N.	6	N.	5	N.	5	N. by E.	4	3
—	—	—	—	—	—	—	—	—	—	—	—	4
S. by E.	1	S. by E.	1	S. by E.	2	S. by E.	2	S.E. by S.	3	S.S.E.	4	5
N.W. by N.	3	N.W. by N.	3	N.W.	3	W.	1	S.S.E.	3	S.S.E.	4	6
N.W.	6	N. by W.	6	N.	6	N. by W.	5	N. by W.	4	N.N.W.	4	7
N.W. by W.	4	W.N.W.	3	W.N.W.	2	E.S.E.	2	S.S.E.	2	S.S.E.	3	8
Calm.	—	S.E. by S.	2	S.S.E.	4	S.E.	5	S.E. by S.	6	S.E. by S.	6	9
N.	3	N.W. by N.	3	N. by W.	1	N. by W.	1	Calm.	—	S.E.	3	10
—	—	—	—	—	—	—	—	—	—	—	—	11
S. by W.	2	S. by W.	2	S. by W.	1	S.	2	S. by E.	2	S.	3	12
Calm.	—	S. by E.	1	S. by E.	1	S.E. by S.	2	S.E.	3	S.E.	4	13
Calm.	—	Calm.	—	N. by W.	1	N.	2	S.E.	2	S.S.E.	2	14
N.N.W.	2	N.N.W.	2	N.N.W.	2	N. by W.	2	S.E.	1	S.E.	3	15
S.	1	S.	1	S.	1	S. by E.	2	S.S.E.	3	S.S.E.	4	16
S.E.	1	N.	3	N. by E.	8	N.W.	7	N. by W.	6	N.W.	8	17
—	—	—	—	—	—	—	—	—	—	—	—	18
N. by W.	3	W.	2	N.N.W.	4	N.	5	N.	3	N.W.	5	19
N.	4	N.N.W.	4	N.	5	N. by W.	5	N.N.W.	4	N.N.W.	5	20
N.E. by N.	2	N.N.E.	2	N.N.E.	2	N.N.E.	2	N.	1	Calm.	—	21
N.N.W.	3	N.N.W.	2	S.E.	1	S.E.	8	S.E.	7	S. by E.	7	22
N. by E.	1	N.N.W.	4	N.N.W.	4	N.N.W.	2	N.	2	S.E. by S.	2	23
—	—	—	—	—	—	—	—	—	—	—	—	24
—	—	—	—	—	—	—	—	—	—	—	—	25
N.W. by N.	4	N.	4	N. by W.	4	N.	4	N.	3	N.	4	26
N.	4	N.	4	N.	3	N.	4	N. by W.	7	N.W.	7	27
N.	2	N.	2	N. by E.	2	N.	4	N. by W.	5	N. by E.	4	28
S.	3	S.	3	S.	3	S.	3	S. by E.	2	S. by E.	2	29
Calm.	—	Calm.	—	N.E.	1	N. by E.	1	N.	1	N.	1	30
N.	7	N.	7	N.W.	6	N. by W.	7	N.	7	N.	8	31

DECEMBER.

DIRECTION AND FORCE OF THE WIND.														
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .			
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		
JANUARY.	1	N. by W.	7	N. by W.	7	N. by W.	7	N.N.W.	8	N. by W.	7	N.W. by N.	6	
	2	—	—	—	—	—	—	—	—	—	—	—	—	
	3	N.W. by W.	8	W.N.W.	8	N.W. by W.	8	N.W.	6	W. by S.	7	N.W.	5	
	4	W.N.W.	6	S. by E.	1	N.W.	4	S.W.	3	W. by N.	3	W.S.W.	3	
	5	N.N.E.	6	N.N.E.	6	S.S.E.	6	S.	7	S. by E.	7	S.S.E.	6	
	6	S.E. by S.	4	S.S.E.	4	S.E. by S.	6	S.S.E.	5	S.S.E.	4	N.E.	2	
	7	N.W. by W.	5	N.W. by N.	6	N.W.	6	N.W. by W.	6	N.N.W.	7	N.N.W.	7	
	8	N. by W.	3	S.E. by S.	6	S.E. by S.	8	S.E. by S.	8	S.E. by S.	7	S.E. by S.	6	
	9	—	—	—	—	—	—	—	—	—	—	—	—	—
	10	W.N.W.	2	S.	6	S. by W.	4	S. by E.	6	S.S.E.	4	W.S.W.	4	
	11	S.S.E.	5	S.E.	6	S.S.E.	7	S.S.E.	7	S.S.E.	6	S.E. by S.	4	
	12	E. by S.	1	E.N.E.	1	E.	1	E. by S.	2	S.E.	5	E.S.E.	4	
	13	S.E. by S.	3	S.S.E.	4	S.E. by S.	4	S.E. by S.	5	S.E. by S.	4	S.E. by S.	3	
	14	S.E.	1	S.S.E.	3	S.S.E.	4	S.S.E.	4	S.S.E.	2	S. by E.	6	
	15	W.S.W.	2	W.S.W.	2	S. by W.	4	W.S.W.	5	S.W. by S.	5	S.	4	
	16	—	—	—	—	—	—	—	—	—	—	—	—	—
	17	S.S.E.	3	S.E. by S.	5	S.S.E.	6	S.S.E.	6	S.S.E.	5	S.S.E.	4	
	18	S.E. by S.	6	S.S.E.	5	S.S.E.	6	S.S.E.	6	S. by E.	5	S.S.E.	6	
	19	S.E. by S.	4	S.E. by S.	4	S.S.E.	4	S.S.E.	4	S.S.E.	4	S.S.E.	4	
	20	E. by N.	1	S.E.	2	N.E. by E.	3	E.N.E.	3	E. by N.	1	E.N.E.	2	
	21	N.	2	N. by E.	2	N.	5	N.N.W.	7	N.N.W.	3	N.N.W.	2	
	22	W.S.W.	5	W.	4	W.	4	W.S.W.	4	W.S.W.	4	S.W. by W.	3	
	23	—	—	—	—	—	—	—	—	—	—	—	—	—
	24	E.	1	S.	3	S.E.	3	S.S.E.	4	S. by E.	4	S.S.E.	4	
	25	N.	3	S.S.E.	4	S.S.E.	4	S.E. by E.	4	S.S.E.	4	S.S.E.	6	
	26	W.N.W.	6	N.W.	6	S.S.E.	4	S.S.E.	7	S.S.E.	7	S.E. by S.	6	
	27	S. by E.	6	S. by W.	4	S.	6	S. by E.	6	S.	6	S.	6	
	28	S.E. by S.	6	S. by E.	5	S.E.	5	S.S.E.	5	S.S.E.	5	S.S.E.	5	
	29	S.S.E.	6	S.S.E.	5	S.S.E.	5	S.S.E.	3	S.S.E.	3	S. by W.	2	
	30	—	—	—	—	—	—	—	—	—	—	—	—	—
	31	S.W. by W.	2	W. by S.	1	S. by E.	4	S.W.	2	W.S.W.	4	S.W.	5	
(continued)														
Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .			
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		
JANUARY.	1	—	—	—	—	—	—	—	—	—	—	—	—	
	2	N.W. by N.	5	N.W. by N.	4	N. by W.	3	N. by W.	2	N.N.W.	2	N.N.W.	1	
	3	N.W.	6	N.W.	4	N.W.	3	N.N.W.	2	N.N.W.	2	N.N.W.	2	
	4	N. by W.	5	N.N.W.	5	N.N.W.	4	N.N.W.	4	N. by W.	6	N. by W.	5	
	5	Calm.	—	S. by E.	1	S. by E.	1	S. by E.	1	S. by E.	1	S. by E.	1	
	6	S.W.	2	S.S.W.	1	S.S.W.	1	Calm.	—	Calm.	—	N.W.	2	
	7	N.W. by N.	4	N.N.W.	5	N.W.	6	N.N.W.	6	N.W.	4	N.W.	2	
	8	—	—	—	—	—	—	—	—	—	—	—	—	—
	9	Calm.	—	Calm.	—	Calm.	—	N.W. by W.	3	N.W.	2	N.W. by N.	2	
	10	N.W.	1	Calm.	—	Calm.	—	Calm.	—	N.W. by N.	2	N.W. by N.	2	
	11	N.	1	N.	1	N.	1	N.	3	N.	3	N.W. by W.	3	
	12	S.W.	1	W.N.W.	2	N.N.W.	1	N.W. by N.	3	W.N.W.	3	N.N.W.	2	
	13	S.E. by S.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	—
	14	S.E. by S.	2	S.E. by S.	2	S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.W.	2	
	15	—	—	—	—	—	—	—	—	—	—	—	—	—
	16	S.W.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	—
	17	N. by W.	3	N. by W.	3	N. by W.	3	N.N.W.	3	N.W.	2	N.W.	1	
	18	Calm.	—	Calm.	—	S. by E.	3	S. by E.	3	N. by E.	3	S.E.	2	
	19	N.W. by N.	2	Calm.	—	N.W.	1	N.W. by N.	2	N.W. by N.	1	N.W. by N.	2	
	20	N.	2	N.	3	N.	2	N.W. by W.	1	N.W. by W.	1	N.N.W.	2	
	21	N.W. by N.	5	N.W. by N.	5	N.W. by N.	4	N.W. by N.	4	N.W. by N.	4	N.W. by N.	5	
	22	—	—	—	—	—	—	—	—	—	—	—	—	—
	23	Calm.	—	Calm.	—	N.E. by N.	2	N.E. by N.	1	N.E. by N.	1	N.E. by N.	1	
	24	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	—
	25	N.W.	3	N.N.W.	4	N. by W.	3	W.N.W.	5	W.N.W.	2	N.W. by W.	2	
	26	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N. by W.	2	N. by W.	2	
	27	N. by W.	2	N.W.	2	S. by W.	2	Calm.	—	Calm.	—	Calm.	—	—
	28	Calm.	—	Calm.	—	N. by W.	2	N.N.W.	3	N.W.	3	N.W.	3	
	29	—	—	—	—	—	—	—	—	—	—	—	—	—
	30	N. by E.	4	N.N.W.	6	W.N.W.	5	N.W. by N.	4	N.W. by N.	2	N.	2	
	31	N.W.	3	N.W.	2	N.W.	2	N.W.	1	N.W.	1	N.W. by N.	2	

DIRECTION AND FORCE OF THE WIND.

6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N. by W.	6	N.W.	6	N.N.W.	3	N.W.	3	N.	3	N.W. by W.	4	1
N.	5	N.N.W.	4	N.N.W.	5	N. by W.	4	N. by W.	5	N.W. by N.	6	2
N.W. by W.	3	N.W. by W.	2	N. by W.	1	N.N.W.	2	N. by W.	3	N. by W.	4	3
S.S.E.	5	S.S.E.	4	S.S.E.	3	S. by E.	2	S. by E.	1	S. by E.	1	4
N.W.	4	N.W.	2	S.W.	1	W.N.W.	3	W.N.W.	2	S.W.	1	5
N.W. by W.	7	N.W. by N.	6	N.	7	N.N.W.	7	S.W. by W.	7	N.W. by W.	7	6
S.E. by S.	3	S.E. by S.	3	S.E. by S.	2	Calm.	—	Calm.	—	Calm.	—	7
W. by S.	4	S. by W.	1	W.N.W.	2	W.	1	W.N.W.	2	N.W.	1	8
S.E. by S.	3	N.E. by E.	3	E.N.E.	1	Calm.	—	N.E. by N.	1	N.	1	9
S. by E.	4	S. by E.	2	S. by E.	2	S. by E.	2	S. by E.	1	S. by E.	1	10
S.E. by S.	3	S.E. by S.	1	S.E. by S.	1	Calm.	—	S.E. by S.	2	S.E. by S.	2	11
S.E. by S.	4	S.S.E.	5	S.S.E.	1	Calm.	—	Calm.	—	S.E. by S.	4	12
S. by E.	4	S. by E.	3	S. by E.	4	S. by W.	3	S.S.W.	3	S.W. by S.	4	13
S.S.E.	3	S.S.W.	2	Calm.	—	Calm.	—	Calm.	—	N.W.	1	14
S.S.E.	6	S. by E.	5	S. by E.	2	S.S.E.	4	S.	3	S. by E.	3	15
S.E. by S.	3	E.S.E.	2	E.S.E.	1	E.S.E.	1	Calm.	—	Calm.	—	16
E.N.E.	3	N.N.E.	2	N.E. by N.	3	N. by E.	1	N.	2	N. by W.	3	17
N.N.W.	2	N.N.W.	1	N.N.W.	1	N.W. by N.	5	N.W.	6	N.W.	6	18
S.W. by W.	3	W.S.W.	2	S. by W.	1	N.N.W.	3	N.N.W.	3	N.W.	4	19
S.S.E.	2	S.S.E.	2	S.S.E.	2	S.E.	1	S. by E.	2	Calm.	—	20
S.S.E.	4	Calm.	—	Calm.	—	Calm.	—	N.W.	2	N.W.	3	21
S.E. by S.	5	S.E. by S.	4	S.E. by S.	3	Calm.	—	Calm.	—	Calm.	—	22
S.W.	6	S.	1	S.	2	N. by W.	1	N. by W.	2	N.W.	1	23
S.S.E.	5	S.S.E.	4	E.S.E.	4	E.	3	Calm.	—	Calm.	—	24
W.S.W.	3	W.S.W.	3	W.S.W.	2	W. by S.	1	N. by W.	1	Calm.	—	25
W.S.W.	3	S.W. by S.	1	S.W.	2	W.S.W.	1	N.W.	2	N.W.	1	26

JANUARY.

18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.N.W.	3	N.N.W.	3	N.N.W.	5	N.N.W.	8	N.W.	9	N.W. by N.	8	1
N.N.W.	2	N. by E.	2	N. by E.	2	N. by W.	5	N.	4	W.N.W.	5	2
N.N.W.	5	N.N.W.	6	N. by W.	6	N. by E.	6	N. by W.	6	N.N.E.	6	3
N.	1	N. by W.	2	N. by W.	3	N.	2	N.W.	2	S.E.	4	4
N.W.	3	N.N.W.	3	N.N.W.	5	N.N.W.	6	N.N.W.	6	N.N.W.	5	5
N.W.	2	N.W.	4	N.W.	6	N.W.	4	N.W. by N.	3	N. by W.	4	6
N.W. by N.	2	N.	3	W. by N.	3	S.S.E.	2	W. by S.	2	N.W.	3	7
N.W. by N.	3	N.	3	N.	2	N. by E.	2	Calm.	—	S.E. by S.	3	8
N.W. by W.	2	N.W. by W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	1	N.E. by E.	1	9
W.N.W.	2	N. by W.	4	N. by W.	2	N. by W.	3	N. by W.	2	S.E.	3	10
Calm.	—	Calm.	—	Calm.	—	Calm.	—	S.S.E.	2	S.E.	1	11
S.S.W.	1	S.W. by W.	2	S.W. by W.	3	W. by S.	4	E. by N.	2	W.	5	12
W.	1	W.N.W.	2	N.N.W.	1	N.N.W.	1	S.E. by E.	1	N.E. by E.	2	13
N.W.	1	N.W.	1	S.E.	3	S.E.	3	S.E.	3	S.E. by S.	4	14
W.S.W.	2	S. by W.	2	S. by E.	3	S.E. by S.	4	S.E.	5	E.S.E.	3	15
N.N.W.	2	N.W. by W.	3	W.N.W.	4	N.N.W.	3	N.N.W.	2	N.W.	1	16
N.N.W.	1	N.W. by N.	3	N.W. by W.	2	N.W. by W.	3	N.W. by N.	1	N. by W.	1	17
N. by W.	7	N. by W.	8	N. by W.	8	N.W.	6	N. by W.	6	W. by N.	4	18
N.	2	N. by E.	2	N. by E.	1	N.	1	E.S.E.	2	S.E.	2	19
N.E.	1	N.	2	N.	2	N. by W.	2	N. by W.	2	N.	2	20
N. by W.	3	N. by W.	4	N. by W.	4	W.N.W.	3	W.	4	N. by W.	4	21
N. by W.	2	N. by W.	2	S.E. by E.	3	S.E. by E.	7	S. by E.	7	S. by E.	7	22
W.S.W.	1	N.N.W.	1	N.N.W.	1	S.	2	S.E. by S.	4	S.E.	6	23
N.W. by N.	3	N.W. by W.	2	N.	2	N.W. by W.	2	N.	1	S.E. by S.	2	24
N.	2	N. by W.	3	N.N.W.	4	N. by W.	3	S.E. by E.	2	S.S.E.	4	25
Calm.	—	W. by S.	2	N.N.W.	4	S.S.E.	3	S.E. by S.	4	S.E.	4	26

JANUARY.

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
FEBRUARY.	1	S.E.	4	S.S.E.	5	S.E. by S.	5	S.E. by S.	5	S.S.E.	5	S.S.E.	6
	2	N.	3	S.E. by S.	4	S.S.E.	4	S. by E.	5	S. by E.	4	S.	3
	3	W.	5	W.	4	N.N.W.	4	W.S.W.	4	W.	2	E. by N.	2
	4	N.	3	N.W.	1	S.S.E.	3	S.E. by S.	6	W.S.W.	5	S.S.W.	6
	5	N.	4	N.W. by N.	2	S.S.W.	2	S. by W.	3	W.	3	W.S.W.	3
	6	—	—	—	—	—	—	—	—	—	—	—	—
	7	S.S.E.	5	S.S.E.	7	S.S.E.	8	S.S.E.	8	S.S.E.	7	S.S.E.	6
	8	S.S.E.	5	S.S.E.	6	S. by E.	6	S.E. by S.	6	S.S.E.	5	S. by E.	4
	9	S.S.E.	4	S.S.E.	4	S.S.E.	4	S.S.E.	6	S.S.E.	7	S. by E.	6
	10	S.S.E.	4	S.S.E.	4	S. by E.	5	S. by W.	5	S. by E.	5	S. by W.	4
	11	S. by E.	4	S. by E.	4	S.	4	S.	4	S. by E.	5	S. by E.	5
	12	N. by W.	2	S.S.E.	5	S.S.E.	6	S.S.E.	6	S.E. by S.	6	S.S.E.	4
	13	—	—	—	—	—	—	—	—	—	—	—	—
	14	S.E. by S.	4	S.E. by S.	4	S.S.E.	5	S.S.E.	6	S.S.E.	6	S.S.E.	6
	15	S.S.E.	5	S.S.E.	6	S. by E.	5	S. by E.	5	S.S.E.	3	S.E. by S.	2
	16	S.W.	7	S.W. by S.	8	S.W. by S.	7	S.W. by W.	7	S.W. by W.	4	S.W. by W.	3
	17	S.E. by E.	3	S. by E.	4	S.	4	S. by W.	5	S.S.W.	5	S.S.W.	5
	18	S. by W.	3	W. by S.	3	S.W.	3	S.W.	4	S.W. by W.	4	S.W. by W.	3
	19	S.E.	4	S.S.E.	4	S.S.E.	4	S.S.E.	4	S.S.E.	3	S.S.E.	3
	20	—	—	—	—	—	—	—	—	—	—	—	—
	21	S.S.E.	4	S. by E.	4	S. by E.	4	S. by E.	3	S.S.W.	3	S.W.	2
	22	S. by E.	5	S.	5	S.	4	S. by E.	4	S.E. by S.	5	S.E. by S.	5
	23	S.	3	S. by W.	3	S. by W.	3	S. by W.	4	S.	4	S.S.E.	3
	24	S.E. by S.	3	E.S.E.	2	E.S.E.	3	E.N.E.	2	E.	2	E.	3
	25	W.N.W.	3	W. by N.	1	N.N.W.	2	N.N.W.	2	N.N.W.	1	N.	2
	26	S.E. by S.	6	S.E. by S.	6	S.E.	6	S.E.	6	S.E.	6	S.E.	7
	27	—	—	—	—	—	—	—	—	—	—	—	—
	28	S.E.	3	S.E.	4	S.E. by S.	5	S.E. by S.	4	S.E. by S.	3	S.E. by E.	4
	29	E.S.E.	2	E.	3	E. by S.	2	S.	3	S.E.	4	S.S.E.	3

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
FEBRUARY.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	2	S. by E.	2	S. by E.	1	S. by E.	1	Calm.	—	Calm.	—	Calm.	—
	3	N.W.	6	N.W. by N.	5	N.W. by N.	5	N.W. by N.	4	N.W. by N.	2	N.N.W.	3
	4	N.W. by N.	4	N.W. by N.	3	N.W. by N.	2	W.N.W.	2	W.N.W.	2	W.N.W.	1
	5	—	—	—	—	—	—	—	—	—	—	—	—
	6	Calm.	—	Calm.	—	S.E. by E.	1	N. by E.	1	Calm.	—	N.	1
	7	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.W. by W.	1	N.W. by W.	1
	8	S.	1	S.	1	Calm.	—	Calm.	—	W.S.W.	2	S.W. by W.	1
	9	S.	2	Calm.	—	Calm.	—	S.	1	N.W. by W.	1	N.W. by W.	1
	10	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	W. by N.	1
	11	Calm.	—	N.N.W.	5	N.N.W.	5	N.W.	5	N.N.W.	5	N.N.W.	5
	12	—	—	—	—	—	—	—	—	—	—	—	—
	13	S. by E.	3	S. by E.	2	S.E.	2	S.E.	2	S.E.	2	S.E.	1
	14	S. by E.	2	S. by E.	1	S. by E.	1	S. by E.	1	S. by E.	1	Calm.	—
	15	S.E. by S.	3	N.E. by E.	2	N.W. by W.	3	N.W. by N.	4	N.W. by W.	1	N.W. by N.	3
	16	S.W.	2	W.S.W.	3	W.	3	W.	2	S. by E.	3	W.	2
	17	S.S.W.	2	S.S.W.	2	S.S.W.	1	S.S.W.	1	S.W.	1	S.S.E.	2
	18	S. by W.	3	S. by W.	1	Calm.	—	Calm.	—	S. by E.	1	S. by E.	1
	19	—	—	—	—	—	—	—	—	—	—	—	—
	20	S.S.W.	2	S. by W.	2	S. by W.	3	S.	3	S.	4	S. by W.	3
	21	S.S.E.	4	S.S.E.	3	Calm.	—	Calm.	—	S.S.E.	5	S. by E.	4
	22	S.	4	S.	3	S. by W.	2	S. by W.	2	S.	3	S.	2
	23	S.W. by S.	1	S.W. by S.	1	S.W. by S.	1	S.W. by S.	1	S.W.	1	Calm.	—
	24	Calm.	—	Calm.	—	Calm.	—	N.E. by N.	2	N.E. by N.	2	N.E. by N.	2
	25	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N. by W.	1	W.S.W.	1
	26	—	—	—	—	—	—	—	—	—	—	—	—
	27	Calm.	—	S.	1	S.	1	Calm.	—	Calm.	—	Calm.	—
	28	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.E.	1
	29	N. by E.	3	N.N.E.	2	N.N.E.	2	N.N.E.	2	N.N.E.	2	Calm.	—

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
S.S.E.	6	S.S.E.	5	S. by E.	3	S. by E.	1	Calm.	—	Calm.	—	1
S.	4	S. by W.	4	S. by E.	1	Calm.	—	S. by E.	2	S. by E.	1	2
W. by N.	2	S.S.E.	2	S. by W.	2	S.W.	1	N.W. by N.	4	N.W.	6	3
S.E.	2	S.S.E.	5	S.S.E.	5	S.S.E.	1	S.S.W.	1	S.S.W.	1	4
W.S.W.	3	W.	2	W. by N.	1	N.W. by W.	2	N.W. by N.	3	N.W. by N.	3	5
—	—	—	—	—	—	—	—	—	—	—	—	6
S. by E.	4	S. by E.	3	S. by E.	3	Calm.	—	Calm.	—	Calm.	—	7
S. by E.	3	S.	4	S.	3	S.	3	S.	2	S.	1	8
S. by E.	6	S. by E.	4	S. by E.	4	S. by E.	3	S.	2	S.	2	9
S. by W.	4	S.	3	S. by W.	2	Calm.	—	Calm.	—	Calm.	—	10
S. by E.	2	S.	1	S.	1	Calm.	—	Calm.	—	Calm.	—	11
S.S.E.	2	Calm.	—	Calm.	—	N. by E.	2	N.W.	3	Calm.	—	12
—	—	—	—	—	—	—	—	—	—	—	—	13
S.S.E.	5	S.S.E.	5	S.S.E.	4	S.S.E.	2	S. by E.	2	S. by E.	2	14
S.E. by E.	2	S.S.E.	1	S.S.E.	1	S.S.E.	2	N.W. by W.	1	N. by W.	2	15
W. by S.	3	W. by S.	1	W. by S.	1	S.	1	S.	1	S.	1	16
S.S.W.	4	S.S.W.	2	S.S.W.	2	S.S.W.	2	S.S.W.	2	S.S.W.	1	17
S.W. by W.	2	S.W. by W.	1	S.S.W.	1	S.W. by S.	1	S.S.W.	2	S.S.W.	1	18
S.S.E.	3	S.S.E.	2	S.S.E.	2	S.S.E.	1	Calm.	—	Calm.	—	19
—	—	—	—	—	—	—	—	—	—	—	—	20
S.W.	2	S.W. by S.	2	S.W.	2	S.W.	1	S.W.	1	S.W.	1	21
S.E. by S.	5	S.S.E.	3	S.S.E.	5	S. by E.	2	S. by E.	2	S.	2	22
S. by E.	2	S. by W.	3	S. by W.	2	S. by W.	1	S.S.W.	1	S.W.	3	23
E. by S.	3	S.E. by E.	1	S.E. by E.	1	S.E. by S.	1	S.E. by S.	1	S.E. by S.	1	24
N.	2	N.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	25
S.E.	7	S.E.	6	S.E.	5	S.S.E.	4	S.S.E.	4	S.S.E.	3	26
—	—	—	—	—	—	—	—	—	—	—	—	27
S.E. by E.	3	E.S.E.	2	E.S.E.	1	Calm.	—	Calm.	—	E.	1	28
S.S.E.	3	N.E. by E.	2	Calm.	—	E.N.E.	1	N.E. by E.	2	N.E.	3	29

FEBRUARY.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.N.W.	2	N.N.W.	3	N.N.W.	3	N.	3	N.	3	N.	3	1
S. by E.	1	S. by E.	1	S. by E.	1	W.N.W.	3	N.W.	6	W.N.W.	6	2
N.N.W.	3	N.N.W.	2	N.W. by N.	3	S.W.	2	N.	1	S. by W.	5	3
N.W.	1	W.S.W.	2	N.	4	W. by S.	3	N.W. by W.	4	W.S.W.	4	4
—	—	—	—	—	—	—	—	—	—	—	—	5
N. by W.	1	N. by W.	2	N.W. by W.	3	N.	2	N.E. by N.	1	S.E. by S.	3	6
N.W. by W.	1	N. by W.	3	N.N.W.	3	N.	2	N. by E.	2	S.E. by S.	3	7
Calm.	—	Calm.	—	S.W. by W.	1	S. by E.	2	S.S.E.	3	S.E. by S.	3	8
N.W. by W.	1	N. by W.	2	N.N.W.	1	N. by W.	1	N. by E.	1	E.	1	9
W. by N.	1	N.W.	1	N.W.	1	N.W.	1	S. by E.	3	S.S.E.	3	10
N.N.W.	6	N. by W.	6	N. by W.	5	N.W. by W.	5	N.	3	N. by W.	3	11
—	—	—	—	—	—	—	—	—	—	—	—	12
S.E.	1	S.E.	1	S.E.	1	S.E.	1	S.E.	2	S.E. by S.	3	13
Calm.	—	Calm.	—	N.E.	1	N. by E.	2	N. by W.	2	N.E. by E.	2	14
N.N.W.	4	N.W.	5	N. by W.	4	S.W. by W.	3	N.W. by N.	3	S.W. by S.	3	15
W.	2	N.W. by N.	1	N.W. by N.	1	N.W. by N.	2	S.	2	S.S.E.	1	16
E. by S.	3	S.E. by E.	3	S.E. by E.	3	S.S.E.	2	Calm.	—	S.	2	17
S.S.E.	2	S. by E.	2	S. by E.	2	N.N.W.	2	N.N.W.	3	N. by W.	3	18
—	—	—	—	—	—	—	—	—	—	—	—	19
S. by W.	2	S. by W.	2	S. by W.	2	S.E. by S.	3	S.E. by S.	3	S.S.E.	4	20
S.	3	S.	3	S.	3	S.	3	S.S.W.	2	S. by E.	4	21
S.	2	S.	2	S. by W.	2	S.	1	S.	1	S.	4	22
Calm.	—	Calm.	—	Calm.	—	Calm.	—	S.W.	1	E.	1	23
N.E. by N.	2	N.N.E.	4	N. by E.	3	N.N.W.	4	N.N.W.	3	W.N.W.	3	24
W. by S.	1	W.N.W.	2	W.N.W.	2	N.W.	2	N.W.	2	S.E.	4	25
—	—	—	—	—	—	—	—	—	—	—	—	26
Calm.	—	Calm.	—	Calm.	—	Calm.	—	E.S.E.	1	E.S.E.	2	27
N.E.	1	N.E.	1	N.E.	1	N.E.	2	N.	1	N.	2	28
N.E. by N.	2	N.E. by N.	1	N.E. by N.	2	N. by E.	4	N. by E.	3	S.E. by E.	2	29

FEBRUARY.

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
MARCH.	1	E. by N.	3	E.	4	E.N.E.	4	N.N.E.	3	E.S.E.	3	E. by S.	2
	2	W. by N.	2	W. by N.	1	W. by N.	1	W. by N.	1	W. by N.	1	W. by N.	1
	3	W.S.W.	6	W.	6	W.	5	N.W.	6	N.W.	4	N. by W.	4
	4	N.	3	S.E.	2	S.W.	3	S.E. by S.	6	S.	3	S.E.	4
	5	—	—	—	—	—	—	—	—	—	—	—	—
	6	N.W.	2	N.W. by W.	2	N.W. by W.	3	N.W. by W.	3	N.W. by W.	2	N. by E.	2
	7	N.N.W.	3	N.W.	3	N.N.W.	3	N.N.W.	2	N.W.	2	S.W.	3
	8	S.E.	5	S.E. by E.	6	S.E.	7	S.E.	8	S.E.	6	S.E.	6
	9	N.E. by E.	4	S.E.	5	S.E.	5	S.E.	5	S.E. by S.	4	S.E.	3
	10	N.	2	N.N.W.	1	N. by W.	2	N. by W.	2	S.S.E.	2	E.S.E.	3
	11	Calm.	—	Calm.	—	Calm.	—	N.N.W.	1	N.N.W.	1	N.N.W.	3
	12	—	—	—	—	—	—	—	—	—	—	—	—
	13	N. by W.	1	N. by W.	1	N. by W.	2	N. by W.	2	N. by W.	2	N. by W.	2
	14	N.N.W.	2	N. by W.	3	N. by W.	4	N. by W.	4	N. by W.	2	N. by W.	1
	15	S.E.	6	S.E.	6	S.E.	4	S.E.	5	S.E.	4	S.E.	4
	16	S.E.	2	S.E.	2	S.E.	2	S.E.	2	S.E.	2	S.E.	2
	17	N.N.W.	6	N.N.W.	6	N.N.W.	3	N.W. by N.	4	N.W. by N.	4	N.W. by N.	3
	18	N.W.	4	N. by W.	5	N.W.	5	N.W. by W.	6	W.N.W.	6	W. by N.	4
	19	—	—	—	—	—	—	—	—	—	—	—	—
	20	Calm.	—	N. by W.	1	Calm.	—	N.E. by E.	1	N.E. by E.	1	N.E. by E.	1
	21	N. by W.	5	W.	5	N.W. by N.	5	W. by N.	6	E.S.E.	3	N.W.	4
	22	N.W.	6	N.W. by N.	7	N.W.	7	N.W. by N.	7	N.W. by W.	7	W.N.W.	8
	23	N.	5	N.W. by N.	5	N.	7	N.	7	N. by W.	7	N.	6
	24	S.W. by W.	5	W.N.W.	3	W.	3	S.W. by S.	2	W.	1	W.N.W.	3
	25	N.	7	N.	6	N.W. by W.	7	N.N.W.	7	W. by N.	6	N.N.W.	8
	26	—	—	—	—	—	—	—	—	—	—	—	—
	27	N.N.W.	4	N.W.	4	W.	2	S.	5	S.	4	S.	3
	28	W.	5	S.W.	5	N.W. by W.	5	W.S.W.	5	Calm.	—	N.N.E.	2
	29	W.N.W.	1	N.W. by N.	2	S.E. by S.	2	S.E. by S.	2	N.W.	2	N.W.	2
	30	N.N.W.	9	N.N.W.	9	N.N.W.	10	N.N.W.	9	N.N.W.	9	N.N.W.	8
	31	N.N.W.	4	N.W.	5	N.N.W.	6	N.W.	5	N.N.W.	4	N.W.	3

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
MARCH.	1	N.N.E.	1	N.N.E.	1	N.	2	N.	3	N.	4	N.N.W.	4
	2	S.S.E.	2	S.S.E.	3	S.W.	4	S.W.	2	S.S.E.	2	W. by N.	1
	3	N.W.	2	N.W.	3	N.W. by N.	4	N.W.	4	N.W. by W.	4	N.W. by N.	4
	4	—	—	—	—	—	—	—	—	—	—	—	—
	5	Calm.	—	Calm.	—	Calm.	—	Calm.	—	W.N.W.	2	W.N.W.	1
	6	N. by E.	2	N. by E.	2	N. by W.	3	N.N.W.	4	N.N.W.	5	N.W. by N.	6
	7	S.E. by S.	2	Calm.	—	N.W. by W.	3	N.W. by N.	3	N.W. by W.	1	Calm.	—
	8	Calm.	—	S.E.	2	S.E.	2	S.E.	2	S.E. by S.	2	S.S.E.	1
	9	N.N.E.	2	N. by E.	2	N. by E.	2	N. by E.	2	N.	2	N.N.W.	5
	10	N. by W.	3	N. by W.	2	N. by W.	2	N. by W.	2	N. by W.	2	N.N.W.	2
	11	—	—	—	—	—	—	—	—	—	—	—	—
	12	N.W.	4	N.	5	N.	4	N.	3	N.	3	N.	3
	13	N.N.W.	5	N.N.W.	2	N. by W.	4	N. by W.	3	N. by W.	4	N. by W.	4
	14	N. by W.	1	N. by W.	3	N. by W.	4	N. by W.	4	N. by W.	5	S.E.	5
	15	S.	3	S.	3	S.	3	S.	3	S.	3	Calm.	—
	16	S.	2	Calm.	—	W.N.W.	2	W.N.W.	4	N.N.W.	6	N.N.W.	6
	17	N.W. by W.	4	N.W.	4	N.W.	4	N.N.W.	5	N. by W.	4	N. by W.	5
	18	—	—	—	—	—	—	—	—	—	—	—	—
	19	N.W. by N.	2	N.W.	2	N.W.	2	N.N.W.	1	N.N.W.	1	N.N.W.	1
	20	N.	2	N. by W.	1	N. by W.	3	N. by W.	3	N. by W.	3	N. by W.	3
	21	N.W.	2	N.W. by N.	3	N.W.	3	N.W.	4	N.N.W.	3	N.N.W.	3
	22	N.W. by N.	7	N.W. by N.	7	N.W. by N.	7	N.W. by N.	7	N.W. by N.	6	N.W.	6
	23	N.	8	N.	5	N.	5	N.	5	N.	7	N.W.	4
	24	N. by W.	7	N. by W.	7	N. by W.	7	N. by W.	8	N. by E.	8	N. by W.	8
	25	—	—	—	—	—	—	—	—	—	—	—	—
	26	S.W.	2	S.W.	2	S.W.	2	S.W.	3	S.W.	3	N. by W.	3
	27	W.S.W.	5	W.S.W.	5	W.S.W.	5	W.S.W.	5	N.W.	4	N.W.	3
	28	N.	5	N.N.W.	4	N.W. by N.	2	N.W. by N.	1	N.W. by N.	2	N.W.	2
	29	N.N.W.	4	N.N.W.	5	N.N.W.	6	N.N.W.	6	N.N.W.	7	N.W. by N.	7
	30	N.N.W.	4	N.N.W.	5	N.N.W.	5	N.N.W.	5	N.N.W.	4	N.N.W.	2
	31	N.	3	N.	5	N.	7	N.	5	N.	5	N.	5

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.E.	1	S.E.	1	S.E.	1	N.E.	2	N.E.	2	N.N.E.	1	1
Calm.	—	Calm.	—	Calm.	—	Calm.	—	W.	2	W.	2	2
N.W. by W.	3	N.W. by N.	2	W.N.W.	2	N.W. by W.	3	W.N.W.	4	N.W. by W.	3	3
E.S.E.	5	S.E.	4	S.E.	4	E.S.E.	1	E.S.E.	1	E.S.E.	2	4
—	—	—	—	—	—	—	—	—	—	—	—	5
N.	1	N. by E.	2	N. by E.	2	N. by E.	1	N. by E.	1	N. by E.	1	6
S.W.	4	N.E.	3	S.E. by E.	3	N.E.	2	S. by E.	2	S.E. by S.	2	7
S.E. by S.	6	S.E. by S.	7	S.E. by S.	6	S.S.E.	1	S.S.E.	1	Calm.	—	8
S.E.	1	S.E. by S.	2	S.E. by S.	2	S.E. by S.	1	S.E. by S.	2	N.E.	2	9
E.N.E.	2	E.N.E.	1	N.N.E.	1	N. by W.	3	N. by W.	3	N. by W.	4	10
N.N.W.	1	Calm.	—	Calm.	—	N. by E.	1	N. by E.	1	N. by E.	1	11
—	—	—	—	—	—	—	—	—	—	—	—	12
N. by W.	1	Calm.	—	N.N.W.	4	N.N.W.	2	N.N.W.	3	N.N.W.	5	13
N. by W.	1	N. by W.	1	N. by W.	1	N. by W.	1	N. by W.	3	N. by W.	2	14
S.E.	3	S.E.	4	S.E.	4	S.	4	S.	3	S.	3	15
S.S.E.	2	S.S.E.	2	S.S.E.	2	S.	2	S.	2	S.	2	16
N.W. by N.	2	N.N.W.	3	N.N.W.	2	N.W. by N.	4	N.W. by N.	5	N.W. by W.	3	17
N.W.	6	N.W. by W.	4	N. by W.	4	N.W. by N.	4	N.N.W.	4	N. by W.	4	18
—	—	—	—	—	—	—	—	—	—	—	—	19
E. by S.	1	E. by S.	1	N.	4	N.N.W.	4	N. by W.	4	N. by W.	3	20
N.W.	3	N.W. by N.	2	N.W. by N.	3	N.W. by N.	1	N. by E.	3	N. by W.	4	21
W. by N.	7	N.W.	7	N.W.	7	N.N.W.	7	N.N.W.	7	N.W. by N.	7	22
N. by W.	7	N. by W.	7	N. by W.	8	N. by W.	8	N.	9	N.	8	23
N.W. by N.	6	N. by W.	7	N.W.	7	N. by W.	7	N.W.	7	N. by W.	7	24
N.N.W.	8	N.N.W.	8	N.W.	9	N.W.	9	N.W.	10	N.W.	8	25
—	—	—	—	—	—	—	—	—	—	—	—	26
W.	3	W.S.W.	4	W.S.W.	4	W.S.W.	5	W.S.W.	4	W.S.W.	5	27
N.	3	N.W. by W.	4	N.W.	4	N. by W.	5	N.W. by W.	5	N.	5	28
N.W.	2	N.W.	2	N.W.	2	W.	1	W.	1	N.N.W.	2	29
N.W.	8	N.W.	7	N.N.W.	7	N.N.W.	8	N.N.W.	7	N.N.W.	5	30
N.W.	3	N.W.	3	N.W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	3	31

MARCH.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.W. by N.	4	N.W. by N.	2	N.N.W.	4	N.W.	4	N.W. by W.	3	W.N.W.	3	1
N.N.W.	3	N.W.	3	W.S.W.	3	S. by E.	6	W.N.W.	5	W.	6	2
N.W.	3	N.W. by N.	5	N.W.	5	N.W.	6	N.W.	5	E. by N.	3	3
—	1	—	—	—	—	—	—	—	—	—	—	4
W.N.W.	—	N.W.	2	N.W.	2	N.W.	2	N.W.	2	W.N.W.	2	5
N.W.	6	N.W. by W.	6	W.	5	W.	5	N. by W.	5	N. by W.	4	6
N.W. by W.	1	S.E. by S.	2	S.E.	3	E.S.E.	4	E.S.E.	3	S.E.	5	7
S.S.E.	1	N.W.	2	N.W.	2	N.W. by N.	1	N.N.E.	3	N.E.	3	8
W. by S.	5	S.W. by W.	4	W.	4	W. by S.	4	N. by W.	4	N. by W.	4	9
N. by W.	2	N. by W.	1	Calm.	—	N. by W.	1	Calm.	—	N. by W.	1	10
—	—	—	—	—	—	—	—	—	—	—	—	11
N.	3	N.	3	Calm.	—	N.	2	N.N.W.	2	N.N.W.	2	12
N. by W.	3	N. by W.	3	N. by W.	3	N. by W.	2	N.N.W.	2	N.N.W.	2	13
S.E.	4	S.E.	5	S.E.	6	S.E.	8	S.S.E.	7	S.E.	6	14
Calm.	—	Calm.	—	W.N.W.	1	Calm.	—	Calm.	—	N.W.	1	15
N.N.W.	6	N.N.W.	6	N.N.W.	6	N.N.W.	7	N.N.W.	7	N.N.W.	6	16
N. by W.	4	N. by W.	4	N. by W.	4	N.N.W.	2	N.W.	4	N.N.W.	4	17
—	—	—	—	—	—	—	—	—	—	—	—	18
N.N.W.	1	N.N.W.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	19
N. by W.	3	N. by W.	3	N. by W.	3	N.W. by N.	6	N. by W.	5	N. by W.	6	20
N.W.	3	N.W.	2	N.W.	2	N.	5	N.N.W.	5	N.W. by W.	5	21
N.W.	5	N. by W.	4	W.	6	N.W.	6	N.W.	4	W.S.W.	4	22
N. by W.	3	W.N.W.	5	N.N.W.	4	N.W.	5	W. by N.	4	S.W.	5	23
N.	8	N.N.W.	8	N.	8	N.	8	N.	8	N.	8	24
—	—	—	—	—	—	—	—	—	—	—	—	25
N. by W.	3	N.	4	N.	3	N.N.W.	3	N.N.W.	3	N.N.W.	4	26
N.W.	3	N.W.	3	N.W.	3	N.N.W.	4	W.	5	S.W.	5	27
N.W.	3	N.W.	3	N.W.	4	N.W.	2	N.W.	1	E.S.E.	2	28
N.	5	N.N.W.	7	N.N.W.	7	N.	8	N.	8	N.N.W.	8	29
N.N.W.	2	N.N.W.	4	N.N.W.	5	N.N.W.	3	N.N.W.	5	S.E.	3	30
N.	6	N.	8	N.	6	W.S.W.	4	N.W.	5	N.N.W.	5	31

MARCH.

DIRECTION AND FORCE OF THE WIND.														
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .			
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		
APRIL.	1	N.N.W.	7	W.N.W.	6	N.W.	6	N.N.W.	6	N.N.W.	5	N.N.W.	4	
	2	—	—	—	—	—	—	—	—	—	—	—	—	
	3	S.W.	4	S.W.	3	S.W.	4	S.W.	3	S.W.	3	W.	2	
	4	N.	1	N.	3	E.	3	E.S.E.	4	E.S.E.	3	E.S.E.	2	
	5	N.	4	N.	4	N.	5	N.N.W.	7	N.N.W.	8	N.N.W.	7	
	6	N.N.W.	5	N.N.W.	4	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	
	7	N.W. by W.	2	N.W. by W.	2	N.W. by W.	2	N.W. by W.	2	N.W. by W.	1	Calm.	—	
	8	W.	3	W. by S.	3	N.W.	3	N.W.	3	N.W. by W.	4	N. by W.	4	
	9	—	—	—	—	—	—	—	—	—	—	—	—	—
	10	S.S.E.	3	S.S.E.	2	S.S.E.	2	S.S.E.	4	S.S.E.	5	S.E. by S.	2	
	11	N.	5	N.	5	N. by W.	6	N.N.W.	6	N.N.W.	5	N.	6	
	12	N.W. by W.	5	N.W.	5	N.N.W.	4	N.N.W.	5	N.N.W.	6	N.N.W.	5	
	13	N. by W.	4	N. by W.	2	N. by W.	4	N. by W.	3	N. by W.	2	Calm.	—	
	14	N.N.W.	4	N.N.W.	3	N.W.	4	N.W.	4	N.W.	3	N.W.	2	
	15	N.N.W.	1	S. by E.	5	S.	5	S.	5	S. by E.	5	S. by E.	3	
	16	—	—	—	—	—	—	—	—	—	—	—	—	—
	17	N.N.W.	3	N.	2	W.N.W.	3	N.W.	4	N.W.	4	N. by W.	4	
	18	N. by W.	6	N. by W.	6	N. by W.	5	N. by W.	6	N. by W.	6	N.	3	
	19	N.W.	3	W.N.W.	3	W. by N.	3	N.W.	4	S.W.	5	S.W.	5	
	20	S.W.	2	S.W.	3	S.W.	1	S.S.W.	2	S.S.W.	2	S.S.W.	1	
	21	—	—	—	—	—	—	—	—	—	—	—	—	—
	22	N.	6	N.	5	N.	4	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	
	23	—	—	—	—	—	—	—	—	—	—	—	—	—
	24	N.N.W.	6	N.N.W.	6	N.	6	N.W.	5	N.N.W.	5	W.	4	
	25	N.N.W.	5	N.N.W.	2	N.N.W.	1	Calm.	—	Calm.	—	Calm.	—	—
	26	N.	6	N.N.W.	4	N.N.W.	2	N. by W.	3	N. by W.	2	N. by W.	1	
	27	N.N.W.	5	N.N.W.	3	N.N.W.	2	N.N.W.	3	S.E.	2	S.E.	3	
	28	N.	2	N.W.	1	N.N.W.	1	S.S.E.	1	S.S.E.	1	Calm.	—	—
	29	S.S.E.	4	S.S.E.	5	S.S.E.	5	S.S.E.	5	S.S.E.	5	S. by E.	4	
	30	—	—	—	—	—	—	—	—	—	—	—	—	—

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .			
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		
APRIL.	1	—	—	—	—	—	—	—	—	—	—	—	—	
	2	N.W.	2	N.W.	1	N.W.	1	Calm.	—	S.	3	W.	1	
	3	Calm.	—	Calm.	—	N.N.W.	1	N.N.W.	1	W.	1	W.	1	
	4	N.N.W.	3	N.N.W.	4	N.W.	5	N.W.	5	N.W.	5	N.N.W.	5	
	5	N.N.W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	2	N.N.W.	2	N.N.W.	2	
	6	Calm.	—	Calm.	—	Calm.	—	N.	1	N.	2	N.W.	2	
	7	W.	2	N.W.	3	N.N.W.	3	N.N.W.	3	W.	5	W.	3	
	8	—	—	—	—	—	—	—	—	—	—	—	—	—
	9	N.N.W.	5	N.N.W.	5	N.N.W.	2	N.N.W.	3	N.N.W.	2	N.N.W.	2	
	10	Calm.	—	Calm.	—	E.N.E.	1	N.N.W.	4	N.N.W.	4	N.N.W.	4	
	11	N.N.W.	7	N.N.W.	7	N.N.W.	6	N.N.W.	6	N.N.W.	3	N.N.W.	4	
	12	N.W.	5	N.N.W.	6	N. by W.	5	N.N.W.	6	N.N.W.	6	N.N.W.	6	
	13	N.N.W.	3	N.N.W.	3	N.N.W.	4	N.N.W.	4	N.W. by N.	4	N.W. by N.	4	
	14	N.W.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	1	N.W.	1	
	15	—	—	—	—	—	—	—	—	—	—	—	—	—
	16	N.W.	2	N.W.	3	N.W.	4	N.W.	4	N.W. by W.	4	N.W.	3	
	17	N.W.	6	N. by W.	5	N. by W.	5	N.W. by N.	6	N.N.W.	7	N.N.W.	6	
	18	N.W.	2	N.W. by N.	2	N.W. by N.	3	N.N.W.	3	N.N.W.	4	N.N.W.	3	
	19	N.	1	N.N.W.	1	N.N.W.	1	Calm.	—	Calm.	—	Calm.	—	—
	20	—	—	—	—	—	—	—	—	—	—	—	—	—
	21	N. by W.	6	N.W. by N.	6	N.W. by N.	6	N.W. by N.	4	N.W. by N.	5	N.N.W.	5	
	22	—	—	—	—	—	—	—	—	—	—	—	—	—
	23	N.N.W.	3	N.N.W.	4	N.	1	N.N.E.	2	N.N.W.	2	N.	1	
	24	W.S.W.	3	W.S.W.	2	N.W.	2	N.W.	3	N.W.	2	N.W.	3	
	25	N.N.E.	4	N.N.W.	4	N.N.W.	5	N.W. by N.	5	N.N.W.	6	N.N.W.	6	
	26	N.W. by N.	2	N.W. by N.	6	N.W. by N.	6	N.W. by N.	6	N.W. by N.	7	N.W. by N.	3	
	27	S.S.E.	3	Calm.	—	S.	1	S.	1	S.	1	S.	1	—
	28	N.N.W.	3	N.N.W.	3	N.W. by N.	3	N.W.	3	N.W. by N.	2	N.W. by N.	2	—
	29	—	—	—	—	—	—	—	—	—	—	—	—	—
	30	Calm.	—	Calm.	—	Calm.	—	N.	2	N.	1	N.N.W.	2	—

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.N.W.	4	N.N.W.	4	N.N.W.	4	N.	4	N.N.W.	2	N.N.W.	2	1
—	—	—	—	—	—	—	—	—	—	—	—	2
W.N.W.	2	S.S.W.	1	W.	1	W.	1	S.	1	Calm.	—	3
S.W.	1	W.N.W.	1	N.	1	Calm.	—	N.	2	N.N.W.	3	4
N.N.W.	7	N.N.W.	7	N.N.W.	6	N.N.W.	5	N.N.W.	5	N.N.W.	4	5
N.N.W.	2	N.N.W.	1	N.N.W.	1	N.N.W.	1	Calm.	—	Calm.	—	6
N.N.W.	1	N.W.	3	N.W.	1	Calm.	—	N.N.W.	1	Calm.	—	7
N.N.W.	4	N.W. by N.	4	N. by W.	4	N.W. by N.	4	N.W. by N.	6	N.W. by N.	5	8
—	—	—	—	—	—	—	—	—	—	—	—	9
S.E. by S.	2	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	10
N.W.	4	N.W. by N.	4	N.N.W.	4	N.N.W.	5	N. by W.	6	N.N.W.	7	11
N.N.W.	6	N.N.W.	6	N.N.W.	6	N.N.W.	3	N.N.W.	7	N.W.	6	12
N.N.W.	2	N.N.W.	2	N.N.W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	3	13
N.W.	1	N.W.	1	N.W.	1	N.W.	1	N.W.	1	N.W.	4	14
S. by E.	4	E. by N.	2	Calm.	—	N. by W.	2	N. by W.	3	N.N.W.	3	15
—	—	—	—	—	—	—	—	—	—	—	—	16
N. by W.	4	N.N.W.	3	N.N.W.	3	N.W. by N.	5	N.N.W.	5	N.W.	6	17
N.	4	N.	1	N.	2	N.W. by N.	2	N.W.	3	N.W.	2	18
S.W.	4	S.W.	4	S.W.	5	N.W.	1	Calm.	—	N.W. by W.	3	19
S.S.W.	1	N.W.	1	N.W.	1	N.W.	1	N.	3	N.W. by N.	4	20
—	—	—	—	—	—	—	—	—	—	—	—	21
Calm.	—	Calm.	—	N.W. by N.	1	N.W.	4	N.W.	5	N.W.	5	22
—	—	—	—	—	—	—	—	—	—	—	—	23
S. by E.	2	W.N.W.	5	W.	2	W.N.W.	2	W.N.W.	3	W.S.W.	3	24
N.W. by N.	1	N.	5	N.W.	1	N.	1	Calm.	—	N.W.	2	25
N. by W.	2	N. by W.	2	N. by W.	3	N.W. by N.	3	N.N.W.	3	N.N.W.	2	26
S.S.E.	7	S.S.E.	6	S.S.E.	6	S.S.E.	6	S.S.E.	5	S.S.E.	4	27
N.N.E.	1	N.N.W.	3	N.W. by N.	3	N.W. by N.	2	N. by W.	3	N.N.W.	3	28
S.S.E.	4	S. by E.	3	S. by E.	2	S. by E.	3	S. by E.	2	S. by E.	3	29
—	—	—	—	—	—	—	—	—	—	—	—	30

APRIL.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
—	—	—	—	—	—	—	—	—	—	—	—	1
N.N.W.	2	N.W.	3	W.S.W.	2	W.S.W.	4	W.	3	S.W.	4	2
W.	1	W.	1	W.	1	N.N.W.	2	N.N.W.	2	N.	1	3
N.N.W.	5	N.W.	5	N.W. by W.	5	W.	2	W.	2	W.	2	4
N.N.W.	3	N.N.W.	1	N.	1	N.N.W.	3	N.	3	N.	4	5
N.W.	3	N.W.	2	N.W.	3	N.	4	N.	3	N.W. by W.	4	6
W.	2	S.W.	2	S.W.	2	N.W.	1	E.S.E.	1	E.	2	7
—	—	—	—	—	—	—	—	—	—	—	—	8
N.W.	3	N.W.	3	N.W.	3	N.W.	3	N.N.W.	3	S.S.E.	3	9
N.N.W.	4	N.N.W.	3	N.N.W.	3	N.N.W.	9	N.W.	6	N.N.W.	7	10
N.N.W.	5	N.	7	N.	4	N.	4	N.N.W.	4	N.W.	5	11
N.W. by N.	6	N.N.W.	5	N.N.W.	6	N.W.	5	N. by W.	4	N. by W.	4	12
N.W. by N.	4	N.W. by N.	4	N.W. by N.	4	N.	4	N. by W.	4	N.N.W.	4	13
N.W.	1	N.N.W.	2	N.N.W.	3	N.W.	3	N.N.W.	3	N.N.W.	2	14
—	—	—	—	—	—	—	—	—	—	—	—	15
N.W.	1	N.W.	1	N.N.W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	2	16
N.W.	8	N.W.	7	N.W.	4	N.W.	3	N.N.W.	3	N.W.	4	17
N.W.	3	S.S.E.	3	E.	2	N.E.	2	N.W.	1	N.W. by N.	3	18
Calm.	—	N.	1	N.	1	N. by W.	3	N.	2	N.N.E.	2	19
—	—	—	—	—	—	—	—	—	—	—	—	20
N.N.W.	4	N.W.	3	N.N.W.	4	N. by W.	4	N. by W.	6	N.	6	21
—	—	—	—	—	—	—	—	—	—	—	—	22
N.	1	N.W.	4	N.N.W.	4	N.N.W.	5	N.N.W.	4	N.N.W.	6	23
N.W.	2	N.W.	2	N.W.	2	N.W.	4	N.N.W.	6	N.N.W.	5	24
N.N.W.	6	N.W. by N.	7	N.W.	7	N.	7	N.	6	N.	5	25
N.W. by N.	5	N.W. by N.	7	N.	6	N.N.W.	6	N.	6	N.N.W.	5	26
N. by W.	2	N.W.	3	N.N.W.	4	N.N.W.	4	W.N.W.	6	W.N.W.	5	27
N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	N. by E.	3	N.N.W.	3	S.S.E.	3	28
—	—	—	—	—	—	—	—	—	—	—	—	29
N.N.W.	2	N.W. by N.	2	N.N.W.	4	N.	4	N.N.W.	4	N.N.W.	3	30

APRIL.

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
MAY.	1	N.N.W.	3	N. by W.	3	N. by W.	3	N. by W.	2	N. by W.	4	N. by W.	4
	2	N. by W.	3	N. by W.	4	N. by W.	4	N. by W.	2	N.N.W.	2	W.	2
	3	N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	1
	4	N.W.	7	N.	7	W.N.W.	8	N.W.	6	N.	4	N.W. by W.	3
	5	N. by W.	1	N. by W.	1	N. by W.	1	S.S.E.	1	S.S.E.	2	S.S.E.	2
	6	S.S.E.	3	S.S.E.	3	S.E. by S.	4	S.E. by S.	4	S.E. by S.	4	S.E. by S.	4
	7	—	—	—	—	—	—	—	—	—	—	—	—
	8	S. by W.	2	S.S.E.	4	S. by E.	4	S.S.E.	4	S. by E.	5	S. by W.	3
	9	S.	4	S.S.E.	5	S.S.E.	5	S. by E.	5	S. by E.	4	S. by E.	4
	10	N.N.W.	2	S.W.	1	S.W.	1	S.W.	1	S.W.	1	S.W.	1
	11	N.	1	N.	1	Calm.	—	Calm.	—	Calm.	—	N.	2
	12	S.S.E.	2	S.S.E.	3	S.S.E.	5	S.S.E.	4	S.S.E.	4	S.	2
	13	N. by W.	2	E.S.E.	1	S.E.	1	S.E.	2	S.S.E.	2	S.S.E.	2
	14	—	—	—	—	—	—	—	—	—	—	—	—
	15	N.N.W.	7	N. by W.	4	N. by W.	4	N. by W.	6	N.W. by N.	5	N.W. by N.	5
	16	N.W. by N.	4	N.	5	N.N.W.	2	N.N.W.	2	N.	1	N.	1
	17	N.N.W.	3	N.N.W.	2	N.N.W.	2	N. by W.	4	N. by W.	3	N. by W.	3
	18	N.W.	4	N. by W.	4	N. by W.	4	N.W. by N.	4	N.W. by N.	3	N.W. by N.	3
	19	N.W.	6	W.	7	W.	7	S.W.	6	S.W.	6	S.W.	6
	20	N.	2	N. by W.	2	N. by W.	2	Calm.	—	Calm.	—	Calm.	—
	21	—	—	—	—	—	—	—	—	—	—	—	—
	22	N.W.	4	N. by W.	6	N.N.W.	6	N. by W.	5	N. by W.	5	N. by W.	4
	23	N.	5	N.W.	4	N.	4	N.W.	3	N.N.W.	4	N.W.	5
	24	N.	2	N.N.W.	2	N.N.W.	3	N. by W.	2	N.W.	1	N.W.	2
	25	N.W.	4	W.N.W.	2	N.N.W.	2	N.	3	N.N.W.	1	N.N.W.	1
	26	N.	4	N. by W.	3	N. by W.	3	N. by W.	3	N. by W.	2	N. by W.	2
	27	N. by E.	1	N. by E.	1	S.S.E.	2	S.	3	S.	2	S. by W.	3
	28	—	—	—	—	—	—	—	—	—	—	—	—
	29	N.	8	N.	9	N.N.W.	9	N.W.	9	N. by W.	7	N. by W.	8
	30	S.S.W.	8	S.S.W.	8	S.	10	S.	11	S.	10	S.	9
	31	S.S.W.	8	S. by E.	9	S. by E.	7	S. by E.	7	S. by E.	6	S. by E.	7

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
MAY.	1	N.W. by W.	8	N.W. by W.	5	N.W.	2	S.S.E.	7	S.E.	4	N.	1
	2	Calm.	—	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.W.	1
	3	W.N.W.	2	W.N.W.	2	W.N.W.	2	W.N.W.	2	W.N.W.	2	N.W.	4
	4	E. by S.	1	E. by S.	1	Calm.	—	Calm.	—	Calm.	—	N.N.E.	2
	5	S.S.E.	2	S.S.E.	2	S.S.E.	2	S.S.E.	2	S.	2	S.	1
	6	—	—	—	—	—	—	—	—	—	—	—	—
	7	N.W.	3	N.W.	3	N.W.	3	N.W.	3	N.W.	2	N.W.	2
	8	S.S.W.	2	S.S.W.	2	S.S.W.	3	S.W.	3	S.W.	2	S.W.	2
	9	S.W.	3	S.W.	2	Calm.	—	N.W.	1	Calm.	—	N.W.	2
	10	N.W.	1	N.W.	1	N.W.	2	N.W.	3	W.N.W.	3	W.N.W.	3
	11	Calm.	—	N. by W.	2	N. by W.	2	N. by W.	1	N. by W.	1	Calm.	—
	12	W.N.W.	1	Calm.	—	Calm.	—	N.W. by N.	1	N.	1	N. by W.	2
	13	—	—	—	—	—	—	—	—	—	—	—	—
	14	N. by W.	2	N. by W.	2	N. by W.	2	N.W.	3	N.W. by N.	4	N.W. by N.	4
	15	N. by W.	5	N. by W.	7	N.	6	N.W.	6	N.W.	5	N.W.	4
	16	N. by W.	1	N. by W.	2	N.N.W.	2	N.N.W.	2	N.W. by N.	3	N.W. by N.	4
	17	N.N.W.	5	W.N.W.	5	N.W.	6	N.W.	6	N.W.	6	N.W. by N.	6
	18	N.N.E.	3	Calm.	—	N. by W.	3	N. by W.	3	N. by W.	4	N.	4
	19	N.E.	1	N.E.	1	N.E.	1	N.E.	1	N.E.	2	N.E.	1
	20	—	—	—	—	—	—	—	—	—	—	—	—
	21	N.W.	2	N.W.	5	N.W.	4	N.W.	3	N.W.	2	N.W.	3
	22	N.W. by N.	4	N.N.W.	4	N.N.W.	4	N.N.W.	4	N.N.W.	4	N.N.W.	3
	23	N.N.W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	1
	24	N. by E.	3	N. by E.	4	N.N.W.	4	N.N.W.	6	N.N.W.	5	N.N.W.	4
	25	N.N.W.	4	N.W.	4	N.W.	3	N.W.	3	N.W.	2	N.W.	2
	26	N. by W.	4	N.W. by N.	3	N.W. by N.	3	N.N.W.	3	N.N.W.	2	N. by W.	2
	27	—	—	—	—	—	—	—	—	—	—	—	—
	28	N.	6	N.	6	N.N.W.	7	N.N.W.	8	N.N.W.	7	N.N.W.	7
	29	N.N.W.	2	N.N.W.	1	N.N.W.	1	Calm.	—	Calm.	—	Calm.	—
	30	S. by W.	8	S. by W.	8	S. by W.	9	S. by W.	9	S. by W.	10	S. by W.	9
	31	S.S.W.	3	S.S.W.	4	S. by W.	5	S. by W.	5	S.	4	S.W.	2

DIRECTION AND FORCE OF THE WIND.

6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.N.W.	4	N. by W.	4	N. by W.	2	N. by W.	2	N.N.W.	5	N.N.W.	7	1
W. by N.	2	W. by N.	1	W. by N.	1	W. by N.	2	W. by N.	1	Calm.	—	2
N.N.W.	3	N.N.W.	4	N. by W.	5	N. by W.	4	N. by W.	3	W.N.W.	3	3
S.	4	W.S.W.	3	S.S.W.	1	Calm.	—	Calm.	—	E. by S.	1	4
S. by E.	2	S.S.E.	3	S. by E.	2	S. by E.	1	S.S.E.	2	S.S.E.	2	5
S. by E.	2	S. by E.	3	S. by E.	3	S.	4	S.	4	S.S.W.	4	6
—	—	—	—	—	—	—	—	—	—	—	—	7
S. by W.	3	S.S.W.	2	S.S.W.	2	S.S.W.	2	S.S.W.	2	S.S.W.	2	8
S. by E.	5	S.S.W.	2	S.S.W.	2	S.S.W.	3	S.S.W.	3	S.W.	2	9
Calm.	—	E.	1	E.	1	Calm.	—	Calm.	—	N.W.	1	10
N.	2	N.	2	N.	2	N.	1	N.	1	Calm.	—	11
S.	2	S. by W.	1	S. by W.	1	S. by W.	1	S. by W.	1	S.S.W.	1	12
S. by E.	1	S. by E.	1	S. by E.	1	S. by E.	1	S. by E.	2	S. by E.	2	13
—	—	—	—	—	—	—	—	—	—	—	—	14
N. by E.	6	N. by W.	6	N.	7	N. by E.	7	N. by W.	7	N. by W.	6	15
N.N.W.	1	N.N.W.	1	Calm.	—	N. by E.	1	N. by E.	1	N. by W.	2	16
N. by W.	3	N.W.	3	N. by W.	3	N.W. by N.	5	N.W. by N.	5	N.N.W.	5	17
N.W.	2	N.W. by N.	3	N.W. by N.	2	N.W. by N.	3	N.W. by N.	4	N.W. by N.	2	18
N.N.E.	3	N.N.W.	3	N.W.	3	N. by W.	1	N.E.	1	N.E.	1	19
Calm.	—	N. by W.	1	N. by W.	1	N. by W.	2	N.W.	2	N. by W.	2	20
—	—	—	—	—	—	—	—	—	—	—	—	21
N.	4	N.	5	N. by W.	4	N. by W.	4	N. by W.	4	N.W. by N.	4	22
N.W.	6	N. by W.	5	N. by W.	5	N. by W.	3	N.	4	N.N.W.	3	23
N.W.	2	N.W.	2	N.N.W.	2	N.N.W.	2	N. by W.	3	N.N.W.	2	24
N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	3	N.W.	3	25
N. by W.	1	N. by W.	1	N. by W.	1	N. by W.	1	N. by W.	2	N. by W.	3	26
S. by W.	4	W.	3	N.	4	N.N.W.	4	N.N.W.	5	N.N.W.	6	27
—	—	—	—	—	—	—	—	—	—	—	—	28
N.W. by N.	8	N.W. by N.	7	N.W. by N.	4	N.N.W.	2	N.N.W.	1	N.N.W.	1	29
S.S.W.	9	S. by E.	9	S. by E.	9	S.S.W.	7	S.S.W.	7	S.S.W.	8	30
S. by E.	7	S. by W.	7	S. by W.	6	S.	4	S.S.W.	5	S.S.W.	5	31

MAY.

18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.	2	S.	2	S.	2	S. by W.	1	N. by W.	3	N. by W.	4	1
N.N.W.	1	N.W.	2	N.	2	N. by W.	2	N.N.W.	2	N.N.W.	2	2
N.W.	6	N.W.	4	N.W.	4	N.N.W.	5	N.	6	N.W.	7	3
N.N.E.	2	N. by W.	2	N. by W.	2	N. by W.	1	N. by W.	1	N. by W.	1	4
S.	1	S.	2	S.	2	S.	2	S.	3	S.S.E.	3	5
—	—	—	—	—	—	—	—	—	—	—	—	6
N.W.	2	S.W.	1	S.W. by W.	1	S. by E.	2	S. by E.	2	S. by W.	2	7
S.W.	2	S.W.	2	S.W.	4	S.W.	4	S.S.W.	4	S. by W.	4	8
N.W.	2	N.W.	2	N.W. by N.	2	N.W.	3	N.W.	3	N.W.	2	9
N.W. by W.	3	N.N.W.	2	N. by W.	2	N.	2	N.	2	N.	1	10
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	11
N. by W.	3	N.N.W.	2	N. by W.	3	N.	4	N.	2	N. by W.	2	12
—	—	—	—	—	—	—	—	—	—	—	—	13
W.N.W.	6	N.	7	N.	7	N.	7	N. by W.	6	N.	4	14
N.W.	3	S.E. by E.	2	N.N.E.	2	N. by E.	2	N.	2	N.W.	4	15
N.N.W.	4	N. by W.	4	N.	3	N.W.	3	N.	4	N.	4	16
N.W. by N.	5	N.W. by N.	5	N. by W.	5	N. by W.	5	N.N.W.	4	N. by W.	4	17
N.	4	N. by W.	5	N.	6	N.N.E.	4	N.	5	N.W. by W.	3	18
N.E.	1	N.W.	1	N.	1	N.	2	N.W.	2	N.	3	19
—	—	—	—	—	—	—	—	—	—	—	—	20
N.N.W.	3	N.W. by N.	4	N.W.	4	N.W.	6	N.W.	4	N.W.	4	21
N.N.W.	3	N.N.W.	4	N.N.W.	3	N.	3	N.	2	N.	4	22
N.N.W.	2	N.N.W.	1	N.N.W.	1	Calm.	—	N.N.W.	2	N.	2	23
N.W.	4	N.W.	4	N.N.W.	3	N.W.	3	N.N.W.	3	S.W.	2	24
N.W.	2	N.N.W.	2	N.N.W.	2	N. by W.	2	N.W.	3	N.	3	25
N.	4	N.W.	3	N.N.W.	3	N.	2	N.N.W.	1	N.	1	26
—	—	—	—	—	—	—	—	—	—	—	—	27
N.N.W.	6	N.N.W.	6	N.N.W.	7	N.	7	N.	7	N.	8	28
Calm.	—	Calm.	—	S. by W.	3	S. by W.	4	S.S.W.	4	S.S.W.	5	29
S. by W.	9	S. by W.	9	S. by W.	8	S.	9	S.S.W.	8	S. by E.	9	30
W.	3	S.S.E.	3	S.	3	S.S.E.	4	S.W.	5	S.S.W.	5	31

MAY.

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
JUNE.	1	S.W.	4	S.E.	4	S.E. by S.	4	S. by E.	6	S. by E.	5	S.S.E.	5
	2	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.N.E.	2	S.S.E.	1	S.S.E.	1
	3	N. by W.	3	N.N.W.	2	N.N.W.	2	N.W. by N.	2	N.E. by N.	1	N.E. by N.	1
	4	—	—	—	—	—	—	—	—	—	—	—	—
	5	N. by W.	4	N.N.W.	4	N. by E.	4	N.W.	4	N.W.	4	N.W.	4
	6	N.N.W.	3	N.	3	N.	2	N.	1	N.	1	N.	1
	7	N.	4	N.W. by N.	4	N.N.W.	2	N.N.W.	2	N.N.W.	3	N.W. by N.	2
	8	N.W. by N.	3	S.S.W.	3	S.W. by S.	3	S.W. by W.	3	S.S.W.	3	S.W.	3
	9	S.S.W.	6	S.W. by S.	8	S. by W.	8	S.S.E.	7	S.	6	S.	7
	10	S.	5	S.	5	S.	5	S.S.E.	4	S.S.W.	5	S.S.W.	5
	11	—	—	—	—	—	—	—	—	—	—	—	—
	12	N.N.W.	3	N.	3	N.	2	N.	1	N.	1	N.W.	2
	13	N.W.	4	N.W.	3	N.W. by N.	3	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1
	14	N. by W.	4	N. by W.	3	N. by W.	3	N.W. by N.	2	N. by W.	2	N.W. by N.	2
	15	N. by W.	3	N. by W.	2	N. by W.	1	N. by W.	2	N.W. by N.	2	N.W. by N.	3
	16	N. by W.	4	N. by W.	3	N. by W.	2	N.N.W.	2	N.N.W.	2	N.W. by N.	2
	17	N.N.W.	4	N.N.W.	4	N.N.W.	4	N.N.W.	3	N.N.W.	3	N.N.W.	3
	18	—	—	—	—	—	—	—	—	—	—	—	—
	19	N.N.W.	1	Calm.	—	N.N.W.	3	N.N.W.	3	N.W. by W.	4	N.W. by N.	3
	20	N.W. by W.	1	N.W. by W.	2	N.W. by W.	1	N.N.W.	2	N.N.W.	3	N.N.W.	3
	21	N.N.W.	3	N.	2	N.	1	N.	1	N.	1	N.	1
	22	N.	2	N.	4	N.N.W.	4	W.S.W.	5	N. by W.	7	N. by W.	5
	23	S.S.W.	8	S.S.W.	8	S.S.W.	6	S.	7	S.	7	S.S.W.	6
	24	S. by W.	4	S.	3	S.S.W.	3	S.S.W.	3	S.S.W.	3	S.S.W.	3
	25	—	—	—	—	—	—	—	—	—	—	—	—
	26	N.W. by N.	3	N.W. by N.	3	N.W.	4	N.W.	3	N.W.	2	N.W.	2
	27	N.W. by N.	4	N.W. by N.	6	N.E.	2	N.W.	2	W.	1	W.N.W.	1
	28	N. by W.	4	N. by W.	4	N. by W.	3	N. by W.	2	N. by W.	2	N. by W.	2
	29	N.W. by N.	5	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3
	30	N.N.W.	4	N.N.W.	4	N.N.W.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	1

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
JUNE.	1	S. by E.	5	S.S.W.	4	S.S.E.	3	S.S.W.	2	S.S.W.	2	Calm.	—
	2	Calm.	—	Calm.	—	Calm.	—	N.W.	1	N.W.	2	N.W.	3
	3	—	—	—	—	—	—	—	—	—	—	—	—
	4	N.W.	4	N.W. by N.	4	N.W.	4	N.W.	4	N.W.	3	E. by N.	1
	5	N.N.W.	4	N. by W.	3	N.	4	N.N.W.	3	N.W.	3	N.W.	5
	6	N.W.	3	N.W.	4	N.N.W.	4	N.N.W.	5	N.N.W.	5	N.N.W.	5
	7	N.N.W.	1	N.N.W.	3	N.N.W.	3	N.N.W.	3	N.W. by N.	3	N.W.	2
	8	N.W.	5	N.W.	5	W. by N.	3	N.W.	3	N.W.	1	N.W. by W.	3
	9	S.W. by S.	5	S.S.W.	7	S.S.W.	7	S.W. by S.	5	S.W.	4	S.W.	4
	10	—	—	—	—	—	—	—	—	—	—	—	—
	11	Calm.	—	N.W. by N.	1	N.W. by N.	2	N.W. by N.	1	N.W. by N.	1	N.W. by N.	2
	12	N.N.W.	1	N.N.W.	1	N.N.W.	2	N.N.W.	3	N.N.W.	3	N.N.W.	3
	13	N.W. by N.	4	N.W. by N.	4	N.W. by N.	4	N.N.W.	4	N.N.W.	4	N.N.W.	4
	14	N.N.W.	3	N.W. by W.	3	N.W. by W.	3	N.W. by W.	2	N.W. by W.	3	N.W.	2
	15	N.W. by W.	4	N.W. by W.	4	N.W.	4	N.W. by N.	5	N.W.	5	N.W.	5
	16	N.N.W.	3	N.N.W.	3	N.W.	3	N.N.W.	3	N.W.	3	N.W. by N.	4
	17	—	—	—	—	—	—	—	—	—	—	—	—
	18	N.N.W.	4	N.W. by N.	4	N.W.	4	N.W.	3	N.W.	3	N.W. by N.	3
	19	N. by W.	3	N. by W.	3	N.W.	3	N. by W.	3	N. by W.	3	N. by W.	3
	20	N.W.	3	N.W. by N.	2	N. by W.	2	N. by W.	1	N. by W.	1	N.N.W.	2
	21	N.W. by N.	3	N.W. by N.	4	N.N.W.	5	N.N.W.	6	N.N.W.	6	N.N.W.	6
	22	W.S.W.	4	S.W.	4	S.W.	6	S.W.	7	S.S.W.	8	S.S.W.	7
	23	S. by W.	6	S. by W.	6	S.S.W.	5	S.S.W.	4	S.S.W.	3	S.S.W.	4
	24	—	—	—	—	—	—	—	—	—	—	—	—
	25	N.N.W.	3	N.N.W.	3	N.N.W.	2	N.N.W.	2	N.N.W.	2	N.W. by N.	1
	26	N.W.	2	N.W.	3	N.W.	1	W. by N.	1	W. by N.	2	N.W.	2
	27	Calm.	—	N.W.	2	N.W.	3	N.W.	3	N.W. by N.	4	N.W. by N.	4
	28	N.N.W.	6	N.W.	7	N.W.	6	N.W.	6	N.W.	6	N.N.W.	6
	29	Calm.	—	N.W.	1	N.W.	1	N.W.	1	N.W.	2	N.W.	1
	30	N.N.W.	4	N.N.W.	4	N.W. by N.	3	N.E.	4	N.	4	N.	2

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
S.E.	5	S.S.E.	5	S.	3	S.W.	3	S.W.	2	S.W.	3	1
S.S.E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	2
Calm.	—	Calm.	—	Calm.	—	N.N.W.	2	N.N.W.	2	N.N.W.	3	3
—	—	—	—	—	—	—	—	—	—	—	—	4
N.W.	5	N.N.W.	4	N.N.W.	5	N.W.	5	N.W.	5	N.N.W.	5	5
Calm.	—	Calm.	—	Calm.	—	Calm.	—	N. by W.	2	N.N.W.	2	6
N.N.W.	2	N. by W.	1	N.N.W.	1	N. by W.	1	N.	1	N.N.W.	2	7
W.	3	N.W. by N.	3	N.W.	3	N.W.	4	N.W.	5	N.W.	5	8
S.W.	7	S.S.W.	8	S.S.W.	4	S.S.W.	5	S. by E.	6	S.W. by S.	4	9
S.	4	S.	3	S. by W.	3	S. by E.	4	S. by W.	4	S. by W.	4	10
—	—	—	—	—	—	—	—	—	—	—	—	11
N.W.	1	Calm.	—	Calm.	—	N.W.	1	N.W.	1	N.W.	1	12
N.W. by N.	1	N.W. by N.	1	Calm.	—	Calm.	—	N.W.	3	N.W.	4	13
N.W.	2	N.W.	2	N.	2	N.N.W.	2	N.W.	3	N.W. by N.	3	14
N.W. by N.	3	N.W. by N.	3	N.W.	2	N.W. by W.	4	N.W. by N.	4	N.W. by N.	4	15
N.W. by N.	2	N.W. by N.	3	N.N.W.	2	N. by W.	2	N. by W.	2	N.W. by N.	3	16
N.N.W.	1	N.W.	1	N.W.	1	N. by E.	1	N.W.	3	S.W.	2	17
—	—	—	—	—	—	—	—	—	—	—	—	18
N.W.	1	Calm.	—	Calm.	—	N.W. by N.	1	N.W. by N.	4	N.N.W.	2	19
N.N.W.	1	N.W.	2	N.W.	3	N.W.	3	N.W.	3	N.W.	3	20
N.	1	N.	1	N.	2	N.W.	1	N.N.W.	1	N.W. by N.	3	21
W.S.W.	6	S.W.	6	W.	9	S.W.	7	S.W.	7	S.W.	5	22
S.S.W.	6	S.S.W.	6	S.S.W.	6	S. by W.	6	S. by W.	6	S. by W.	6	23
S.S.W.	2	S.S.W.	2	S.S.W.	3	S.S.W.	3	S.S.W.	3	S.S.W.	3	24
—	—	—	—	—	—	—	—	—	—	—	—	25
N.N.W.	2	N.W. by N.	3	N.W. by N.	3	N.W.	2	N.W.	2	N.W.	2	26
Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.	1	W.N.W.	2	27
N. by W.	2	N. by W.	2	N. by W.	2	N. by W.	3	N. by W.	4	N.W.	5	28
N.W. by N.	1	N.W. by N.	1	N.W. by N.	1	N.N.W.	1	N.N.W.	1	S. by W.	1	29
N.W. by N.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	30

JUNE.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
Calm.	—	Calm.	—	N.	1	S.W. by S.	2	Calm.	—	N.W.	2	1
N.W.	4	N.W.	4	N.W. by N.	4	N.N.W.	4	N.	4	N.	3	2
—	—	—	—	—	—	—	—	—	—	—	—	3
N.E. by N.	2	N. by W.	3	N. by W.	1	N. by W.	3	N. by W.	4	N.W. by W.	4	4
N.W. by N.	6	N.W. by N.	4	W.N.W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	4	5
N.N.W.	5	N.N.W.	5	N.N.W.	4	N.W.	5	N.	5	N.W. by N.	4	6
N. by W.	1	N.W. by N.	2	N.W. by W.	2	N.W. by N.	4	N.N.W.	5	N. by W.	3	7
N.W. by W.	4	N. by W.	3	N. by W.	3	W.S.W.	3	S.W.	3	S.S.W.	5	8
S.	3	S.	3	S. by E.	3	S.S.E.	4	S.W. by S.	5	S.	4	9
—	—	—	—	—	—	—	—	—	—	—	—	10
N.W. by N.	2	N.N.W.	3	N.W. by N.	4	N. by W.	3	N.N.W.	2	N.N.W.	2	11
N.N.W.	2	N.N.W.	2	N.N.W.	3	N.N.W.	4	N.N.W.	4	N.N.W.	4	12
N.N.W.	4	N.N.W.	4	N.W. by N.	4	N.N.W.	4	N. by W.	3	N. by W.	4	13
N.W.	2	N.W. by W.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	14
N.W.	5	N.W.	5	N.W.	5	N.W.	5	N.W.	4	N.W.	4	15
N.W. by W.	4	N. by W.	2	N.W.	4	N.W.	4	N.W. by N.	5	N.	4	16
—	—	—	—	—	—	—	—	—	—	—	—	17
N.N.W.	3	N. by W.	3	N.W. by W.	4	N.W. by W.	3	N.W.	2	N.N.W.	2	18
N. by W.	3	N. by W.	4	N.W.	3	W.N.W.	4	N.N.W.	4	N.W.	3	19
N.N.W.	2	N.W. by W.	4	N.W. by W.	3	N. by W.	3	N.W.	2	N.W.	3	20
N.N.W.	2	N.N.W.	2	N.N.W.	1	N.N.W.	1	N. by W.	3	N.N.W.	3	21
S.S.W.	6	S.S.W.	7	S.S.W.	6	S.S.W.	5	S.S.W.	6	S. by W.	6	22
S.S.W.	5	S.S.W.	6	S.S.W.	6	S.	6	S.	5	S. by W.	4	23
—	—	—	—	—	—	—	—	—	—	—	—	24
Calm.	—	N. by W.	1	N.W.	3	N.W.	3	N.W. by N.	3	N.W. by N.	3	25
N.W.	2	N.W.	2	N.W.	3	N.W. by N.	4	N.N.W.	3	N.N.W.	4	26
N.W. by N.	2	N.W. by N.	3	N.W. by N.	3	N. by W.	3	N. by W.	3	N. by W.	4	27
N.N.W.	6	N.W.	6	N.	5	N.N.W.	5	N.W. by N.	6	N.W.	6	28
N.W.	2	Calm.	—	N.W. by W.	2	N.N.W.	2	N.N.W.	1	N.W.	3	29
Calm.	—	E. by N.	2	S.S.E.	2	S. by W.	1	S. by W.	1	S.S.E.	1	30

JUNE.

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
JULY.	1	S.S.E.	1	S.S.E.	1	S.E. by S.	2	S.E. by S.	3	S.E. by S.	3	S.E. by S.	2
	2	—	—	—	—	—	—	—	—	—	—	—	—
	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	3	N. by W.	4	N.W.	4
	4	N.W. by W.	6	N.N.W.	7	N.	7	N.	7	N.	4	N.W. by N.	6
	5	N.W.	3	W. by S.	4	W. by S.	4	N.	5	N.N.W.	6	N. by E.	7
	6	S.	4	S.	8	S.	7	S.W. by S.	7	S.	6	S. by W.	6
	7	S.	3	S.	3	S.	3	S.	3	S.	2	S. by W.	2
	8	S. by W.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	S. by W.	2
	9	—	—	—	—	—	—	—	—	—	—	—	—
	10	N.W. by N.	3	N.N.W.	1	N.N.W.	1	N.N.W.	1	N.N.W.	1	S.S.W.	2
	11	N.W.	2	N.W.	1	N.W.	1	N.W.	1	Calm.	—	Calm.	—
	12	N.N.W.	3	N.W.	1	N.N.W.	2	S.E.	2	Calm.	—	S.E.	2
	13	N.W. by N.	6	N.N.W.	5	N. by W.	4	N. by W.	4	N.W. by N.	3	N by W.	3
	14	S.E.	3	E.S.E.	1	N.W. by W.	3	N.W.	3	N.N.W.	2	N.W.	1
	15	N. by W.	5	N. by W.	6	N.W. by N.	6	N.W. by N.	6	N. by W.	7	N.W. by N.	6
	16	—	—	—	—	—	—	—	—	—	—	—	—
	17	N.W. by W.	4	N.W.	4	N.N.W.	4	N.N.W.	4	NW.	3	N.W.	3
	18	S. by E.	5	S.	6	S.S.E.	5	S.	5	S.	2	S.	2
	19	S.S.W.	4	S. by W.	4	S. by W.	4	S. by W.	4	S.S.E.	3	S.S.W.	3
	20	N.W. by N.	3	N. by W.	3	N.W. by N.	2	S.S.W.	3	S.S.E.	3	S. by E.	2
	21	N.N.W.	4	S.S.E.	3	S.S.E.	3	S.S.E.	5	S.S.E.	6	S. by E.	3
	22	N.W.	2	N.W.	2	N.W.	2	N.W.	2	N.W.	2	N.W.	3
	23	—	—	—	—	—	—	—	—	—	—	—	—
	24	N.W.	4	N.N.W.	3	N.W. by N.	3	N.N.W.	3	N.	3	N.N.W.	3
	25	N. by W.	2	N.W.	3	N.W.	2	N.W.	3	N.W. by N.	3	N.W.	3
	26	S.	4	S.W.	3	S.	4	S. by W.	4	S.S.E.	3	S. by W.	6
	27	S.S.W.	5	S.	4	S. by W.	4	S.W.	2	S.	2	S.	2
	28	N. by W.	2	N. by W.	2	N. by W.	2	N. by W.	2	N. by W.	2	N.	1
	29	N.	2	N. by W.	2	N. by W.	2	S.E. by E.	2	S.	3	S.	2
	30	—	—	—	—	—	—	—	—	—	—	—	—
	31	N.W.	3	N.W.	2	N.W.	1	Calm.	—	N. by E.	3	N.	2

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
JULY.	1	—	—	—	—	—	—	—	—	—	—	—	
	2	N.N.W.	5	N.N.W.	5	N.N.W.	4	N.N.W.	2	N.N.W.	3	N.N.W.	3
	3	N.N.W.	6	N.N.W.	5	N.N.W.	5	N.W. by N.	5	N.N.W.	6	N.N.W.	7
	4	N.N.W.	6	N.N.W.	5	N.N.W.	5	N.N.W.	4	N.N.W.	4	N.N.W.	1
	5	S.	5	S.S.E.	5	S.	7	S.S.W.	7	S. by W.	7	S.S.W.	7
	6	S. by W.	6	S. by W.	6	S. by W.	5	S. by W.	5	S. by W.	5	S. by W.	5
	7	S. by W.	2	S. by W.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—
	8	—	—	—	—	—	—	—	—	—	—	—	—
	9	S.S.W.	2	S.S.W.	2	N. by W.	1	N. by W.	1	N. by W.	2	N. by W.	2
	10	N.W.	2	N.W.	1	N.W.	1	N.W.	1	N.W.	1	N.W.	1
	11	N.W.	1	Calm.	—	Calm.	—	Calm.	—	N.W. by N.	1	N.W.	2
	12	N.N.W.	4	N.N.W.	4	N.N.W.	4	N.N.W.	4	N.N.W.	4	N.N.W.	4
	13	N.W. by N.	6	N.W. by N.	6	N.W.	6	N.W.	5	N.W.	4	N.W.	2
	14	N.W.	5	N.N.W.	2	N.W. by N.	3	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2
	15	—	—	—	—	—	—	—	—	—	—	—	—
	16	N.W.	4	N.W.	4	N.W.	4	N.W.	4	N.N.W.	3	N.N.W.	1
	17	N.N.W.	3	N.W.	3	N.W. by N.	3	N.W.	4	N.W.	3	N.W.	3
	18	S.W.	1	W.S.W.	1	W.S.W.	1	N.W.	2	N.W. by N.	3	N.W. by W.	3
	19	N.	2	N.	2	N.	2	N.N.W.	2	N.N.W.	2	N.N.W.	3
	20	N.	1	Calm.	—	N.	1	N.W.	2	N.W.	2	N.W.	2
	21	Calm.	—	Calm.	—	Calm.	—	W.N.W.	3	N.W.	4	N.W.	3
	22	—	—	—	—	—	—	—	—	—	—	—	—
	23	N.W.	3	N.W.	3	N.W.	3	N.W.	4	N.W.	4	N.W.	4
	24	N.N.W.	4	N.W. by N.	4	N.W.	4	N.W. by W.	4	N.W.	2	N.W.	2
	25	N.W.	4	N.W.	4	N.W.	4	N.W.	3	N.W.	3	W.N.W.	1
	26	S.	5	S. by W.	6	S.S.W.	6	S.S.W.	6	S.S.W.	7	S.S.W.	6
	27	S.W.	1	S.W.	1	S.W.	1	S.W.	1	N.W. by N.	2	N.W. by N.	2
	28	Calm.	—	Calm.	—	Calm.	—	N.N.W.	2	N.W.	4	Calm.	—
	29	—	—	—	—	—	—	—	—	—	—	—	—
	30	N.N.W.	3	N.N.W.	3	N.W.	4	N.W.	3	N.W.	3	N.W.	3
	31	N.N.W.	2	N.N.W.	1	N.N.W.	1	N.N.W.	2	N.N.W.	2	N.W.	2

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
Calm.	—	Calm.	—	Calm.	—	N.E.	2	N.E.	1	N.	2	1
W.N.W.	5	W.N.W.	3	N.N.W.	4	N.W. by W.	4	N.W. by N.	4	N.W. by N.	5	2
N.N.W.	6	N.N.W.	5	N.W. by N.	6	N.N.W.	6	N.N.W.	7	N.N.W.	7	3
N.	7	N.N.W.	7	N.N.W.	6	N.W.	3	W. by S.	4	N.W.	4	4
S. by W.	5	S.W. by S.	5	S.	5	S. by W.	6	S. by W.	5	S. by W.	6	5
S. by W.	2	S.W.	2	S. by W.	2	S. by W.	3	S. by W.	3	S. by W.	2	6
Calm.	—	Calm.	—	S.	2	S.	2	S.	3	S.	2	7
—	—	—	—	—	—	—	—	—	—	—	—	8
S.S.W.	2	S.W. by S.	2	S.W. by S.	1	S.W. by S.	1	S.W. by S.	1	S.W. by S.	1	9
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	10
S.E.	2	S.E.	2	S.E.	2	Calm.	—	N.E. by N.	1	N.	3	11
N.N.W.	4	N.N.W.	4	N. by W.	3	N.W. by N.	4	N. by W.	4	N.W. by N.	6	12
N.W.	1	N.W.	1	N.W.	1	N.W.	1	N.W.	1	N.W.	3	13
W.N.W.	6	N.W. by N.	4	W. by N.	5	W.	5	N.	5	N.	6	14
—	—	—	—	—	—	—	—	—	—	—	—	15
W.N.W.	1	N.W.	3	N.W.	3	N.W.	4	N.N.W.	3	N.N.W.	3	16
S.	2	S.	1	S.	1	S.S.W.	2	S.W.	2	Calm.	—	17
S.S.W.	3	S.S.W.	3	S.W.	3	S.W.	3	W. by S.	2	W. by S.	2	18
S.	3	S.	2	S.	1	S.	2	S.	2	S.	2	19
S.S.E.	4	S.S.E.	1	S. by W.	1	S. by W.	2	S. by W.	1	S.W. by S.	1	20
N.W.	2	N.W.	1	N.W.	1	N.W.	1	N.W.	3	N.	3	21
—	—	—	—	—	—	—	—	—	—	—	—	22
N.N.W.	3	N.N.W.	2	N.N.W.	2	N.W. by N.	4	N.N.W.	4	N.N.W.	6	23
N.W.	3	N.W.	4	N.W.	4	N.W. by N.	4	N.W.	2	N.W. by W.	3	24
S.W.	6	S. by W.	7	S.S.W.	5	S.E. by S.	4	S. by E.	6	S. by W.	6	25
S. by W.	2	S.S.W.	2	S.W.	3	S.W.	1	S.W.	1	Calm.	—	26
Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	27
S.	2	S.	1	S.	1	S. by E.	2	S.E.	2	N.E.	2	28
—	—	—	—	—	—	—	—	—	—	—	—	29
N.	2	N.	2	N.N.W.	2	N.N.W.	2	N.N.W.	3	N.N.W.	2	30
—	—	—	—	—	—	—	—	—	—	—	—	31

JULY.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
—	—	—	—	—	—	—	—	—	—	—	—	1
N.N.W.	3	N.W. by N.	4	N. by W.	6	N. by W.	5	N. by W.	6	N.W. by N.	5	2
N.N.W.	5	N.N.W.	3	N.N.W.	4	N. by W.	4	N.W. by N.	5	N.W. by W.	5	3
N.W. by N.	1	N.W. by N.	2	N.W. by N.	3	N. by W.	4	N.W. by N.	3	W. by S.	2	4
S.W. by S.	5	S.W. by S.	4	S.	7	S.	7	S. by W.	4	S.	3	5
S. by W.	5	S. by W.	5	S. by W.	4	S. by W.	4	S. by W.	3	S.	3	6
Calm.	—	Calm.	—	Calm.	—	S. by W.	1	S. by W.	1	S. by W.	1	7
—	—	—	—	—	—	—	—	—	—	—	—	8
N. by W.	1	N. by W.	1	N.N.W.	1	Calm.	—	N.W.	2	N. by W.	3	9
N.W.	2	N.W.	2	N.W.	2	N.N.W.	2	N.W. by N.	3	N.W. by N.	2	10
N.W.	2	N.W.	2	N.W.	3	N.N.W.	3	N.N.W.	3	N. by W.	3	11
N.N.W.	4	N.N.W.	4	N.N.W.	5	N.N.W.	7	N.N.W.	7	N.W. by W.	5	12
N.W. by N.	1	N.W. by N.	1	N.W. by N.	3	N. by W.	3	N. by W.	4	N.W. by W.	3	13
N.W.	2	N.W.	4	N.W. by N.	2	N.N.W.	2	N.N.W.	3	N. by W.	4	14
—	—	—	—	—	—	—	—	—	—	—	—	15
N.W. by N.	3	N.W.	4	N.W. by W.	4	N.W. by W.	5	N.W. by W.	5	N.W. by W.	5	16
N.W.	3	N.W.	4	N.	4	S.S.E.	3	S.	3	S. by E.	4	17
W.	2	W.S.W.	1	N.W. by W.	1	S.W.	3	S.W.	5	S.S.W.	4	18
N.W. by N.	3	N.W. by N.	3	N.W. by N.	2	N.W. by N.	2	N.N.W.	3	N. by W.	4	19
N.W.	2	N.W.	2	N.W.	3	N.W.	3	N.W.	3	N.N.W.	4	20
N.W.	2	N.W.	2	N.W.	2	N.W. by N.	3	N.W. by N.	2	N.W. by W.	2	21
—	—	—	—	—	—	—	—	—	—	—	—	22
N.W.	5	N.W.	5	N.W. by N.	5	N.W. by N.	5	N.W.	4	N.W.	4	23
N.W.	2	N.W.	2	N.W.	3	N.W. by N.	3	N.W. by N.	3	N. by W.	3	24
W. by N.	2	N.W.	1	S.S.W.	1	S. by W.	3	S.W.	3	S. by W.	4	25
S.S.W.	5	S.S.W.	5	S.S.W.	5	S. by W.	5	S.S.W.	4	S.	5	26
N.N.W.	2	N.N.W.	2	N.W.	2	N.W. by N.	2	N.W. by N.	2	N.W. by N.	1	27
N.W. by N.	1	N. by W.	1	N. by W.	3	N.N.W.	3	N. by W.	4	N.	3	28
—	—	—	—	—	—	—	—	—	—	—	—	29
N.W.	3	N.W.	1	N.W.	4	N.W. by N.	4	N.W.	4	N.W.	3	30
N.N.W.	2	N.N.W.	2	N.N.W.	3	N. by W.	4	N.W.	4	N.W. by N.	3	31

JULY.

DIRECTION AND FORCE OF THE WIND.													
Mean Van Diemen Island Time, Astronomical Reckoning.	0 ^h .		1 ^h .		2 ^h .		3 ^h .		4 ^h .		5 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
AUGUST.	1	N.N.E.	2	N.N.E.	2	N.N.E.	2	N.N.E.	2	N.N.E.	2	N.N.E.	2
	2	S.S.E.	3	S.S.E.	3	S.E. by S.	4	S. by E.	3	S. by E.	4	S. by E.	4
	3	S.S.E.	1	S.S.E.	2	S.S.E.	2	S.S.E.	2	S. by E.	2	S. by E.	2
	4	S. by W.	6	S.S.W.	5	S.S.E.	1	S.W. by W.	3	S.S.W.	3	W.S.W.	2
	5	S.	3	S.S.W.	4	S. by W.	4	S. by W.	4	S.	5	S. by E.	1
	6	—	—	—	—	—	—	—	—	—	—	—	—
	7	N.N.W.	4	N. by W.	3	N. by W.	2	N. by W.	2	W. by S.	2	W. by S.	2
	8	N. by W.	4	N.N.W.	4	N. by W.	1	N. by W.	1	N. by W.	1	N. by E.	2
	9	N.W. by N.	2	N.W. by N.	1	N.W. by N.	1	Calm.	—	Calm.	—	Calm.	—
	10	N.N.W.	1	N.N.W.	1	N.N.W.	3	N.W.	1	N.N.E.	3	N.N.E.	2
	11	N.N.W.	5	N.N.W.	3	W. by S.	4	N.W.	3	N.W.	3	N.W. by N.	2
	12	N.W.	3	N.W. by N.	3	N.W. by N.	4	N.W. by N.	3	N.W. by N.	2	N.W. by N.	2
	13	—	—	—	—	—	—	—	—	—	—	—	—
	14	N.N.W.	6	N.N.W.	7	N.	7	N.	8	N.	7	N.	8
	15	N.N.W.	1	N.N.W.	1	N.W. by N.	1	N.W. by N.	2	N.W. by N.	1	N.N.W.	2
	16	N.N.W.	2	N.N.W.	2	N.N.W.	1	N.N.W.	1	N.N.W.	1	W.S.W.	2
	17	S.W. by W.	4	S. by W.	5	W.	5	W.	3	S.W. by S.	6	W.S.W.	2
	18	S.W. by W.	4	S.W.	4	E.N.E.	2	E. by N.	3	S.	3	S.	2
	19	N.E.	2	N.E. by E.	2	N.E. by E.	1	N.E. by E.	1	N.E. by E.	1	S. by W.	3
	20	—	—	—	—	—	—	—	—	—	—	—	—
	21	N.N.W.	3	N.	4	N.	4	N. by E.	4	N.	4	N.N.W.	4
	22	N.W. by N.	4	W. by N.	3	N.W.	2	N.W. by N.	1	N.	1	N.E. by N.	1
	23	N.N.W.	3	N.N.W.	3	N.N.W.	3	N.	2	N.	2	N. by W.	1
	24	S.W. by S.	4	S.W. by S.	4	S. by E.	4	S. by W.	4	S. by W.	4	S.W.	3
	25	S.S.E.	3	S. by E.	4	S.S.W.	4	S.	5	S. by W.	5	S.W. by W.	3
	26	S.W.	4	S.W.	4	S. by W.	3	S. by W.	3	S.S.E.	3	W. by S.	2
	27	—	—	—	—	—	—	—	—	—	—	—	—
	28	N.E. by N.	1	N.E. by N.	1	N.E. by N.	1	N.N.E.	1	N.N.E.	1	S.S.E.	3
	29	S. by E.	3	S.E. by S.	3	S.S.E.	3	S.S.E.	3	S.S.E.	2	S.S.E.	2
	30	N. by W.	3	N. by W.	4	N. by W.	3	N. by W.	2	N. by W.	2	S.W.	2
	31	N.W.	1	N.N.W.	2	N.N.W.	1	N.N.W.	3	N.N.W.	2	N.	3

(continued)

Mean Van Diemen Island Time, Astronomical Reckoning.	12 ^h .		13 ^h .		14 ^h .		15 ^h .		16 ^h .		17 ^h .		
	Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
AUGUST.	1	N.N.W.	3	N.N.W.	1	Calm.	—	N.W. by N.	1	N.W. by N.	1	N.W. by N.	1
	2	Calm.	—	Calm.	—	S.E.	1	S.E.	2	S.E.	2	S.E.	1
	3	N.W.	4	N.W.	4	N.W.	4	N.N.W.	3	N.W.	4	Calm.	—
	4	N.N.W.	5	N.W. by N.	4	N.W. by N.	1	S.W. by W.	3	N.W. by W.	6	S.W.	6
	5	—	—	—	—	—	—	—	—	—	—	—	—
	6	E.S.E.	1	N.W.	1	N.N.W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	1
	7	Calm.	—	Calm.	—	N.N.W.	2	N.N.W.	3	N.W.	3	N.W.	3
	8	Calm.	—	Calm.	—	N.W. by N.	1	N.W. by N.	2	N.W. by N.	1	N.W. by N.	2
	9	Calm.	—	N.W. by N.	1	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	Calm.	—
	10	N.W. by N.	4	N.W. by N.	4	N.W. by N.	2	N.W. by N.	2	N.N.W.	3	N.N.W.	2
	11	N.W. by N.	4	N.W.	4	N.W.	4	N.	4	N.W. by N.	5	N.W. by N.	5
	12	—	—	—	—	—	—	—	—	—	—	—	—
	13	N.W. by N.	3	N.W. by W.	4	N.W. by W.	4	N.W. by N.	3	N.W. by N.	4	N.W. by N.	4
	14	N. by W.	4	N. by W.	4	N. by W.	3	N.N.W.	2	N.N.W.	2	N.N.W.	2
	15	N.N.W.	3	N.N.W.	4	N.W. by N.	4	N.W. by N.	4	N.W. by N.	4	N.W.	4
	16	S.	3	S.	3	S. by W.	3	S. by W.	4	S. by W.	3	S.W.	3
	17	S.W.	6	S.W.	5	S.W.	5	S.W.	5	S.W.	4	S.W. by W.	4
	18	N. by W.	5	N.W. by N.	5	N.W. by N.	5	N.W. by N.	5	N.W. by N.	4	N.N.W.	2
	19	—	—	—	—	—	—	—	—	—	—	—	—
	20	N.N.E.	1	N. by W.	2	N.N.W.	3	N.N.W.	2	N.N.W.	2	N.N.W.	1
	21	N.N.W.	3	N.W. by N.	3	N.W. by N.	3	N.W. by N.	4	N.W. by N.	4	N.W. by N.	4
	22	N.W.	4	N.W.	3	N.W.	3	N.W.	2	N.W.	1	N.W.	1
	23	Calm.	—	N.W.	2	N.W.	2	N.W.	1	N.W.	1	S.	3
	24	N.W.	6	N.N.W.	6	N.W. by N.	6	N.W. by N.	6	N.W. by N.	4	N.W.	2
	25	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.W.	2
	26	—	—	—	—	—	—	—	—	—	—	—	—
	27	N.E.	3	N.E.	2	N.E.	3	N.	3	N. by E.	4	Calm.	—
	28	S.	3	S.	1	S.	3	S.	2	S.	4	S.	3
	29	Calm.	—	S. by E.	1	S. by E.	2	S. by E.	2	S. by E.	2	S. by E.	1
	30	S.W. by W.	2	W.N.W.	1	N.W. by W.	1	N.W. by W.	1	N.W.	1	N.W.	2
	31	N. by W.	1	N. by W.	1	Calm.	—	N.	2	N.	1	N.	1

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.N.E.	1	Calm.	—	Calm.	—	Calm.	—	N.N.E.	2	N.	2	1
S. by E.	4	S.E.	3	S.S.E.	3	S.S.E.	1	Calm.	—	Calm.	—	2
S.S.E.	2	S.S.E.	1	S.S.E.	1	N. by W.	2	N.W. by N.	4	N.W.	4	3
W.N.W.	3	N.N.W.	3	N.N.W.	4	N.N.W.	5	N.N.W.	5	N.N.W.	5	4
S.S.W.	1	S.S.W.	1	S.S.W.	1	S.S.W.	2	S.S.W.	2	S.S.W.	2	5
—	—	—	—	—	—	—	—	—	—	—	—	6
W. by S.	2	W. by S.	1	W. by S.	1	Calm.	—	Calm.	—	Calm.	—	7
N. by E.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	N.W. by W.	2	8
Calm.	—	N.W.	1	N.W.	1	Calm.	—	Calm.	—	N.W. by N.	1	9
N.N.W.	2	N.N.W.	1	N.N.W.	1	N.W.	3	N.W. by N.	4	N.W. by N.	4	10
N.W.	4	N.W.	2	N.W.	2	N.W.	4	N.W.	4	N.W. by N.	4	11
N.W. by N.	2	N.W. by N.	1	N.W. by N.	3	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	12
—	—	—	—	—	—	—	—	—	—	—	—	13
N.	7	N. by W.	6	N. by W.	4	N. by W.	5	N.N.W.	5	N. by W.	4	14
N.W. by N.	2	N.W. by N.	1	N.W. by N.	2	N.N.W.	2	N.N.W.	3	N.N.W.	3	15
W.S.W.	2	W.S.W.	1	S.S.W.	2	S.	2	S.	3	S.	4	16
W.S.W.	3	S.W.	5	S.W.	6	S.S.W.	4	S.S.W.	4	S. by E.	5	17
S.	2	S.	2	S.	1	S.	1	N.W. by N.	3	N.N.W.	3	18
S. by W.	2	S. by W.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	19
—	—	—	—	—	—	—	—	—	—	—	—	20
N.N.W.	2	N. by W.	4	N.	2	N.	2	N.	2	N.	2	21
E.N.E.	1	Calm.	—	Calm.	—	Calm.	—	N.N.W.	1	N.W.	4	22
Calm.	—	N. by W.	1	N. by W.	1	Calm.	—	Calm.	—	N.W.	1	23
S.W.	2	S.W.	2	S.S.W.	2	S.S.W.	2	N.W. by N.	3	N.W. by N.	5	24
S. by E.	3	S. by E.	2	S.	3	W.	3	S.S.W.	1	W.S.W.	2	25
W. by S.	2	S.W.	4	S.W.	4	W.	3	S.	2	S.	1	26
—	—	—	—	—	—	—	—	—	—	—	—	27
S.S.E.	3	S.	3	S.	2	S.	1	S.	1	S.	2	28
S.S.E.	1	S.S.E.	1	S.S.E.	1	S. by E.	1	Calm.	—	Calm.	—	29
S.W.	1	S.W.	1	S.W.	1	S.W.	1	Calm.	—	Calm.	—	30
N.N.E.	4	N.N.W.	4	N. by W.	4	N. by W.	3	N. by W.	1	N. by W.	1	31

AUGUST.

DIRECTION AND FORCE OF THE WIND.												Mean Van Diemen Island Time, Astronomical Reckoning.
18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
N.W. by N.	1	N.W. by N.	1	N.W. by N.	2	N.W. by N.	2	N.N.W.	2	N.W.	2	1
Calm.	—	Calm.	—	Calm.	—	S.S.E.	1	S.S.E.	1	S.S.E.	1	2
N.	3	S.	1	S.E.	4	S.S.E.	3	W. by S.	6	S.S.W.	6	3
S.S.W.	5	S.	3	S. by W.	4	S. by W.	4	S.S.W.	5	S.	3	4
—	—	—	—	—	—	—	—	—	—	—	—	5
N.W. by N.	3	N.W. by N.	3	N. by W.	3	N.W. by N.	3	N.N.W.	3	N.N.W.	4	6
N.W.	3	N.W.	4	N.W.	4	N. by W.	4	N.W. by N.	3	N. by W.	4	7
N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	N. by E.	2	N.N.W.	1	N.N.W.	2	8
Calm.	—	Calm.	—	N.N.W.	1	N.N.W.	1	N.W.	1	N.N.W.	1	9
N.W. by N.	2	N.W. by N.	1	N.W.	3	N.W.	4	N.W.	4	N.N.W.	5	10
N.W. by N.	5	N.W. by N.	5	N.W. by N.	5	N. by W.	2	N.W. by N.	3	N.W. by N.	3	11
—	—	—	—	—	—	—	—	—	—	—	—	12
N.W. by N.	5	N.W.	5	N.W.	6	N.W.	6	N.W.	6	N. by W.	6	13
N.N.W.	2	N.N.W.	2	N.N.W.	1	N.N.W.	2	N.N.W.	1	N.N.W.	1	14
N.W. by N.	2	N. by W.	1	N. by W.	1	N.N.W.	2	N.N.W.	3	N.N.W.	3	15
W.S.W.	4	W.S.W.	4	S.W. by S.	4	S.W. by S.	4	W.S.W.	4	W.S.W.	4	16
S.W.	4	W.S.W.	2	W.S.W.	2	S.W.	5	S.S.W.	5	S.W.	5	17
N.N.E.	1	N.N.W.	1	N.W. by N.	2	N.W. by N.	3	N.N.W.	3	N. by W.	2	18
—	—	—	—	—	—	—	—	—	—	—	—	19
N.N.W.	2	N.	2	N. by W.	2	N. by W.	2	N. by W.	2	N.N.W.	2	20
N.W.	3	N.W.	2	N.W.	2	N.W.	3	N.W. by N.	3	N.W. by N.	3	21
N.W. by W.	2	N.W. by W.	3	N.W. by N.	4	N.N.W.	4	N.N.W.	4	N.N.W.	4	22
S.	4	S. by E.	5	S. by E.	5	S. by E.	5	S. by W.	5	S. by E.	5	23
N.W.	1	N.W.	1	N.W.	1	S.W. by S.	2	S.S.W.	4	S.S.W.	4	24
N.W.	2	N.W.	1	N.N.E.	2	N. by E.	2	N.	2	S.S.W.	3	25
—	—	—	—	—	—	—	—	—	—	—	—	26
Calm.	—	N. by E.	2	N.N.E.	2	N.E. by N.	1	N.E. by N.	2	N.E. by N.	1	27
S.	2	S.	2	S.	3	S.	3	S.	3	S.	3	28
S. by E.	1	Calm.	—	Calm.	—	N.W. by N.	1	N.W. by N.	2	N.N.W.	3	29
N.W.	2	N.W.	2	N.W.	2	N.W.	1	N.W.	1	N.W.	1	30
N.	1	N.	1	N.	1	N.	1	N.	1	N. by W.	3	31

AUGUST.

DIRECTION AND FORCE OF THE WIND.

6 ^h .		7 ^h .		8 ^h .		9 ^h .		10 ^h .		11 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
Calm.	—	Calm.	—	Calm.	—	Calm.	—	N. by E.	2	N. by W.	2	1
N.W. by N.	5	N.N.W.	7	N.N.W.	7	N. by W.	6	N.W.	7	N.N.W.	7	2
—	—	—	—	—	—	—	—	—	—	—	—	3
N.W. by N.	6	N.W.	6	N.W.	4	N.N.W.	2	N.N.W.	2	N.W.	1	4
N.N.W.	4	N.N.W.	3	N.N.W.	4	N.N.W.	4	N.N.W.	4	N.N.W.	6	5
N.W.	2	N.N.W.	4	W.N.W.	4	N.N.W.	3	N.W.	3	N.W.	4	6
S.W. by S.	3	S.S.E.	2	S.S.E.	4	N.E. by E.	2	W.	2	S. by W.	2	7
S.W. by W.	2	N.N.W.	3	N.N.W.	3	E.N.E.	1	E.N.E.	1	E.N.E.	2	8
S.S.E.	4	S. by E.	3	S. by E.	1	S. by E.	3	Calm.	—	Calm.	—	9
—	—	—	—	—	—	—	—	—	—	—	—	10
S.	1	S.	1	S.	1	Calm.	—	Calm.	—	Calm.	—	11
N.	3	N.W.	2	W.	1	S.W. by W.	2	S.W. by W.	1	S.W. by W.	1	12
N.W. by W.	2	N.W. by W.	2	N.W. by W.	2	N.W. by N.	3	S.	3	S.S.E.	3	13
N.N.W.	5	N.N.W.	5	N.W. by N.	5	N.W. by W.	2	N.W. by N.	4	N.W. by N.	4	14
W.N.W.	3	S.S.W.	2	N.	4	N.	5	N. by W.	5	N.N.W.	4	15
S. by E.	1	Calm.	—	Calm.	—	S. by E.	2	S. by E.	3	S. by E.	3	16
—	—	—	—	—	—	—	—	—	—	—	—	17
S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	1	S.S.E.	1	18
E. by N.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	Calm.	—	19
N.N.E.	2	N.N.E.	2	N.N.E.	2	N. by E.	4	N. by E.	3	N. by E.	2	20
N.E.	2	N.E.	1	N.E.	2	N.E.	1	N.	2	Calm.	—	21
E.N.E.	2	E.N.E.	1	S. by E.	2	S. by E.	2	S. by E.	2	S. by E.	2	22
N. by W.	1	N. by W.	1	N. by W.	1	Calm.	—	Calm.	—	N. by W.	2	23
—	—	—	—	—	—	—	—	—	—	—	—	24
N.N.W.	1	N.N.W.	1	S.W.	1	N.W. by W.	1	W.S.W.	1	S.	2	25
S. by E.	4	S.E. by E.	4	S. by E.	2	S.E. by S.	1	S.E. by S.	1	S.S.E.	2	26
S.E.	6	S.E.	6	S.S.E.	6	S.E. by S.	4	S.E. by S.	4	S.E. by S.	4	27
N.N.E.	3	N. by W.	2	N.	1	N.N.E.	1	N.	1	N.	1	28
N. by W.	6	N.N.W.	5	N.N.W.	4	N.W. by N.	3	N.W.	2	N.W.	2	29
N. by E.	4	N. by E.	2	N. by E.	5	N. by W.	1	Calm.	—	Calm.	—	30

SEPTEMBER.

18 ^h .		19 ^h .		20 ^h .		21 ^h .		22 ^h .		23 ^h .		Mean Van Diemen Island Time, Astronomical Reckoning.
Wind.		Wind.		Wind.		Wind.		Wind.		Wind.		
Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	
S. by W.	3	S.W. by W.	2	N.W. by N.	2	N.W.	2	N. by W.	4	W.N.W.	5	1
—	—	—	—	—	—	—	—	—	—	—	—	2
N.W.	6	N.N.W.	2	N.N.W.	4	N.N.W.	4	N. by E.	2	N.W. by W.	3	3
N.N.W.	4	N. by W.	5	N.W.	4	N.W. by N.	5	N.	7	N. by W.	8	4
N.N.W.	5	N.	5	N. by W.	5	N.N.W.	5	N.N.W.	4	N.N.W.	4	5
N.W.	3	W. by N.	5	N. by W.	5	S.S.W.	6	S.S.E.	4	S.W.	5	6
N.N.W.	4	N.N.W.	5	N.N.W.	4	N.	4	N.	5	S. by W.	3	7
N.W. by N.	3	N.W. by N.	2	N.	3	N. by W.	2	N.	3	N. by W.	2	8
—	—	—	—	—	—	—	—	—	—	—	—	9
N.W. by N.	2	N.W. by N.	1	N.W. by N.	2	N.W. by N.	2	N.W. by N.	2	N.W. by N.	3	10
N.N.W.	2	N.N.W.	2	N.N.W.	3	N.N.W.	3	N.N.W.	3	N.N.W.	4	11
S. by E.	2	S. by E.	2	S. by E.	1	Calm.	—	Calm.	—	S.S.E.	3	12
N.W.	5	N.W. by N.	5	N.W. by N.	6	N.W. by W.	8	N.W. by W.	7	N. by W.	8	13
N.N.W.	1	Calm.	—	Calm.	—	S.	3	S.	4	S.W. by S.	3	14
N.N.W.	1	N.W. by N.	1	N.N.W.	2	S.S.W.	4	S.S.W.	4	W.S.W.	3	15
—	—	—	—	—	—	—	—	—	—	—	—	16
S. by W.	1	S.S.W.	2	S.S.W.	1	S.S.W.	1	S.	2	W.S.W.	4	17
N.N.W.	2	N.N.W.	2	N.N.W.	3	N.N.W.	3	N.W. by N.	3	N.N.W.	3	18
N.	1	N.W.	3	N.W.	3	N.	1	N.N.W.	2	N.N.W.	1	19
N. by E.	1	N. by E.	1	N. by E.	1	N. by E.	1	E. by S.	2	N.E.	1	20
Calm.	—	N.N.E.	1	N.N.E.	1	N.N.E.	1	N.N.E.	1	N.N.E.	2	21
S.S.E.	1	S.S.E.	1	N.N.W.	3	N. by W.	4	N. by W.	3	N.N.W.	3	22
—	—	—	—	—	—	—	—	—	—	—	—	23
N.W. by N.	3	N.	5	N.N.W.	5	N.N.W.	3	N.N.W.	2	N.N.W.	4	24
S.	1	S.	2	S.S.E.	3	S.S.E.	3	S.S.E.	3	S.S.E.	3	25
S.E.	4	S.E.	4	S.E.	5	E. by S.	4	S.E. by S.	5	S.E. by E.	3	26
Calm.	—	N.E.	2	N.E.	1	N.E.	1	N.E.	2	E by N.	1	27
N.	4	N.	5	N.	5	N. by W.	4	N.	4	N. by W.	3	28
N.W. by N.	2	N.W. by N.	1	Calm.	—	Calm.	—	Calm.	—	Calm.	—	29
—	—	—	—	—	—	—	—	—	—	—	—	30

SEPTEMBER.

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