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METEOROLOGY

Mawson, Heard And Macquarie Islands, 1954.

Prepared By

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INTRODUCTION

1. This volume contains the meteorological observations, surface, radio sonde, radio wind and pilot balloon made at Heard Island, Macquarie Island and Mawson during 1954. The details are presented as listings and also in the form of cumulated frequency analyses. The cumulating of frequency analyses is a departure from previous practice and was undertaken because it provides a more convenient form of presentation of data and simplifies the calculation of quantiles. In these analyses figures have not been repeated when there was no increment from the previous value.

2. The observations at Heard Island were carried out by the following:-

M.H. Henderson	-	Observer
V.J. Cleland	-	Observer
J.E. Walsh	-	Observer

Heard Island ceased operating as a full observing station at the end of October.

The Macquarie Island station functioned for the complete year and the observations were carried out by the following:-

R.K. Stibbs	-	Meteorologist
J.V. Giles	-	Observer
J. Jones	-	Observer

The observing station at Mawson was established about the end of February and the observations were carried out by:-

W.R. Dingle	-	Observer

Considerable assistance was given by other members of each party and at Mawson each 0500 (local time) observation was taken by the member rostered as watchman at the particular time.

3. Surface observations were taken at three hourly intervals. These are shown for the local standard times used at the stations and are as follows:-

Heard Island	5 hours ahead of G.M.T.
Macquarie Island	10 hours ahead of G.M.T.
Mawson	5 hours ahead of G.M.T.

3.1 The following are the details of the listings:-

Station level pressure (thousand figure omitted) - millibars and tenths.

Surface wind direction - tens of degrees true.

Surface wind speed - knots

Cloud amounts - oktas (when sky not discernible the figure 9 used).

Precipitation - hundredths of an inch.

Anemometer run - statute miles

Sunshine - Not recorded

3.2 Temperatures were read to the tenth of a degree Fahrenheit but are listed to the nearest whole degree Fahrenheit: Where .5 was recorded the temperature is listed to the nearest odd number of whole degrees Fahrenheit. At times the dew points in the listing may appear anomalous when compared with the dry and wet bulb temperatures, as shown by the following examples of extreme cases:

	Dry Bulb	Wet Bulb	Dew Point
Readings	33.4°F	32.6°F	31°F
Listing	33	33	31
Readings	34.5°F	33.5°F	32°F
Listing	35	33	32

3.3 International Codes (reproduced on pp. 10-19 in this volume for reference) are used for the description of:

Visibility (00-89)

Present weather (00-99)

Past weather (0-9)

Cloud types - low, middle and high (each 0-9)

Direction of cloud movement (0-9)

Height of the base of the low cloud (0-9)

3.4 Precipitation is a total for 24 hours up to 0800 L.S.T. at Heard Island and up to 1000 L.S.T. at Macquarie Island. Precipitation data for Mawson have not been published because of the difficulty in differentiating between falling and drifting snow.

3.5 Anemometer run is the total for 24 hours up to the last observation of the day and is shown against that observation.

3.6 Sunshine records were not maintained during the year at any of these stations.

3.7 The extreme values of temperature and the speed and direction of the maximum gust are for the 24 hours from midnight to midnight, local standard time, and are shown against the last observation of the day.

3.8 Tables for Mawson show frost point instead of dew point, and also frost point depression instead of dew point depression. The conversion table from frost point to dew point is as follows:-

Frost Point - Fahrenheit	30	20	10	0	-10	-20	-30
Correction to arrive at dew point	0	-2	-3	-4	-5	-6	-7

4. Radio sondes were released daily from Heard Island and Macquarie Island at 0400 G.M.T. Details of listings are as follows:-

4.1 Surface information at the time of the release:

Pressure - (PPP) (thousand figure omitted) - whole millibars

Temperature - (TTT) - degrees and tenths Celsius

Mixing Ratio - (WW) - decigrams per kilogram of dry air.

4.2 1000 mb information:

Geopotential dekametres are shown. If the station level pressure was less than 1000 mb the geopotential of the 1000 mb surface was computed by assuming an isothermal atmosphere at the temperature of the station down to 1000 mb. Plus or minus signs have been assigned to the geopotential depending on whether it was above or below mean sea level.

4.3 900 mb, 850 mb, 800 mb, and 700 mb information:

Geopotential dekametres are shown.

Temperature in degrees and tenths Celsius.

Mixing Ratio in decigrams per kilogram of dry air.

4.4 600 mb, 500 mb, and 400 mb information:

In a manner similar to that above, but as all temperatures are below 0°C, the minus sign is not printed.

4.5 300 mb, 200 mb, 150 mb, 100 mb, 80 mb, and 60 mb information:

In a similar manner to that immediately above but as mixing ratios were generally not measurable these are omitted. (Where the height is above 1000 geopotential dekametres, the thousand figure is omitted.)

4.6 Tropopause information:

The definition of the tropopause is according to W.M.O. criteria. The types are in accordance with recommended international practice and are:-

Type 1 - The stratosphere commences with an inversion.

Type 2 - The stratosphere commences with an abrupt change in lapse rate but with no inversion.

Type 3 - There is no abrupt change in lapse rate.

5. Upper wind observations were carried out at each station as opportunity offered for visual flights. In addition observations at Heard Island were done with radio theodolite. Details of listings are as follows:-

Time of release	-	nearest hour G.M.T.
Wind direction	-	tens of degrees
Wind speed	-	knots

6. The cumulated frequency analyses of surface data were prepared by grouping all the three-hourly observations.

7. This volume has been prepared by a photo lithographic process direct from the Hollerith machine printing. The Hollerith cards containing the basic data are held by the Bureau of Meteorology and requests for the reproduction of these cards or for further analyses of the data should be addressed to -

The Director of Meteorology,

P.O. Box 1289 K,

Melbourne, C.1.

Australia.

INSTRUMENTS AND OBSERVATIONAL METHODS

Atmospheric Pressure

Two mercurial barometers of Kew pattern were mounted adjacent to each other in the meteorological building and one was used as a station barometer. As a routine check of this instrument. simultaneous readings of the two barometers were compared at regular intervals. A continuous record of station level pressure was given by a daily barograph.

Temperature

Dry bulb, wet bulb, maximum and minimum thermometers were mounted in a Stevenson screen. A continuous record of air temperature was given by a daily thermograph in the same screen.

Humidity

Relative humidity and dew point were obtained from dry and wet bulb thermometer readings. Continuous records of relative humidity were given by a daily hygrograph in the same screen.

Wind

Continuous records of wind speed and direction were obtained from a Dines Anemograph, the vane of which was 10 metres above the station buildings (i.e. about 13 metres above the ground). The twenty-four-hour run of the wind was obtained from a cup anemometer.

Precipitation

Precipitation was measured by a rain gauge and a snow gauge. A continuous record of precipitation was obtained from a Casella daily pluviograph which was equipped with a small heating element to prevent interruption to the record and possible damage to the instrument during freezing conditions.

Radiosonde Observations

Radiosonde observations were made using Australian-made apparatus of the United States Weather Bureau pattern (Diamond Hinman), operating on 72 mc/s. The balloon (350 gram) was inflated to give a rate of ascent of approximately 300 metres per minute.

Base-line checks of the sonde were carried out by placing the sonde, together with dry and wet bulb thermometers, in a Stevenson Screen which was aspirated by an electric fan.

Upper Wind Observations

Upper wind observations were made by visual means following either a pilot balloon or the radiosonde balloon. A radio theodolite was used at Heard Island to follow an auxiliary transmitter carried aloft by the radiosonde balloon; however, owing to the limitations of such apparatus at low angles of elevation, on many occasions no usable readings were obtained.

CODE FOR VISIBILITY

Code Figure	Lower Limit	Upper Limit less than
00	Zero	$\frac{1}{8}$ statute mile
01	$\frac{1}{8}$ statute mile	$\frac{1}{4}$ statute mile
02	$\frac{1}{4}$ statute mile	$\frac{3}{8}$ statute mile
03	$\frac{3}{8}$ statute mile	$\frac{1}{2}$ statute mile
04	$\frac{1}{2}$ statute mile	$\frac{5}{8}$ statute mile
05	$\frac{5}{8}$ statute mile	$\frac{3}{4}$ statute mile
06	$\frac{3}{4}$ statute mile	1 statute mile
08	1 statute mile	$1\frac{1}{4}$ statute miles
10	$1\frac{1}{4}$ statute miles	$1\frac{1}{2}$ statute miles
12	$1\frac{1}{2}$ statute miles	$1\frac{3}{4}$ statute miles
14	$1\frac{3}{4}$ statute miles	2 statute miles
16	2 statute miles	$2\frac{1}{4}$ statute miles
18	$2\frac{1}{4}$ statute miles	$2\frac{1}{2}$ statute miles
20	$2\frac{1}{2}$ statute miles	3 statute miles
24	3 statute miles	4 statute miles
32	4 statute miles	5 statute miles
40	5 statute miles	6 statute miles
48	6 statute miles	7 statute miles
56	7 statute miles	8 statute miles
64	8 statute miles	9 statute miles
72	9 statute miles	10 statute miles
80	10 statute miles	12 statute miles
81	12 statute miles	24 statute miles
82	24 statute miles	36 statute miles
83	36 statute miles	48 statute miles
84	48 statute miles	60 statute miles
85	60 statute miles	90 statute miles
86	90 statute miles	120 statute miles
87	120 statute miles	180 statute miles
88	180 statute miles	300 statute miles
89	300 statute miles	No upper limit

(NOTE: For purposes of this code the following may be considered as equal: $\frac{1}{8}$ statute mile, 0.1 nautical mile, 0.2 kilometres, and in the higher values 12 statute miles, 10 nautical miles, 20 kilometres may also be considered equal)

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CODE FOR PRESENT WEATHER

00	Cloud development not observed or not observable.	Characteristic change of the state of sky during the past hour.
01	Clouds generally dissolving or becoming less developed.	
02	State of sky on the whole unchanged.	
03	Clouds generally forming or developing.	
04	Visibility reduced by smoke, e.g., veldt or forest fires, industrial smoke or volcanic ashes.	
05	Dry haze.	
06	Widespread dust in suspension in the air, not raised by wind at or near the station at the time of observation.	
07	Dust or sand raised by wind at or near the station at the time of observation, but no well developed dust devil(s) and no duststorm or sandstorm seen.	
08	Well developed dust devil(s) seen at or near the station within last hour, but no duststorm or sandstorm.	
09	Duststorm or sandstorm within sight of the station or at the station during the last hour.	
10	Mist.	

11 Patches of
12 More or less continuous
} shallow fog at the station, whether on land or sea, not deeper than about 2 metres on land or 10 metres at sea.

13 Lightning visible, no thunder heard.

14 Precipitation within sight, not reaching the ground at the station.

15 Precipitation within sight, reaching the ground, but distant (i.e. estimated to be more than 5 Km) from station.

16 Precipitation within sight, reaching the ground, near to but not at the station.

17 Thunder heard, but no precipitation at the station.

18 Squalls
19 Funnel Cloud(s)
} within sight during the past hour.

20 Drizzle (not freezing)
21 Rain (not freezing)
22 Snow
23 Rain and snow
24 Freezing drizzle or freezing rain
} Not falling as shower (s)

25 Shower (s) of rain
26 Shower (s) of snow, or of rain and snow
27 Shower (s) of hail, or of hail and rain
28 Fog
29 Thunderstorm (with or without precipitation)
} During preceding hour, but not at time of observation.

30 Slight or moderate
31 Duststorm or sandstorm
32
33 Severe duststorm or
34 sandstorm
35

- has decreased during the preceding hour.
- no appreciable change during the preceding hour.
- has increased during the preceding hour.
- has decreased during the preceding hour.
- no appreciable change during the preceding hour.
- has increased during the preceding hour.

36	Slight or moderate drifting snow	generally low
37	Heavy drifting snow	
38	Slight or moderate drifting snow	generally high
39	Heavy drifting snow	
40	Fog at a distance at the time of observation, but not at the station during the last hour, the fog extending to a level above that of the observer.	
41	Fog in patches	
42	Fog, sky discernible	has become thinner during the preceding hour.
43	Fog, sky not discernible	
44	Fog, sky discernible	no appreciable change during preceding hour.
45	Fog, sky not discernible	
46	Fog, sky discernible	has begun or has become thicker during the preceding hour.
47	Fog, sky not discernible	
48	Fog, depositing rime, sky discernible.	
49	Fog, depositing rime, sky not discernible.	
50	Drizzle, not freezing, intermittent	slight at time of observation.
51	Drizzle, not freezing, continuous	
52	Drizzle, not freezing, intermittent	moderate at time of observation.
53	Drizzle, not freezing, continuous	
54	Drizzle, not freezing, intermittent	thick at time of observation.
55	Drizzle, not freezing, continuous	
56	Drizzle, freezing, slight	
57	Drizzle, freezing, moderate or thick	
58	Drizzle and rain, slight	
59	Drizzle and rain, moderate or heavy	
60	Rain, not freezing, intermittent	slight at time of observation.
61	Rain, not freezing, continuous	
62	Rain, not freezing, intermittent	moderate at time of observation.
63	Rain, not freezing, continuous	

64	Rain, not freezing, intermittent	heavy at time of observation.
65	Rain, not freezing, continuous	
66	Rain, freezing, slight	
67	Rain, freezing moderate or heavy	
68	Rain or drizzle and snow, slight	
69	Rain or drizzle and snow moderate or heavy	
70	Intermittent fall of snow flakes	slight at time of observation
71	Continuous fall of snow flakes	
72	Intermittent fall of snow flakes	moderate at time of observation
73	Continuous fall of snow flakes	
74	Intermittent fall of snow flakes	heavy at time of observation
75	Continuous fall of snow flakes	
76	Ice needles (with or without fog)	
77	Granular snow (with or without fog)	
78	Isolated starlike snow crystals (with or without fog)	
79	Ice pellets	
80	Rain shower(s), slight	
81	Rain shower(s), moderate or heavy	
82	Rain shower(s), violent	
83	Shower(s) of rain and snow mixed, slight	
84	Shower(s) of rain and snow mixed, moderate or heavy	
85	Snow shower(s), slight	
86	Snow shower(s), moderate or heavy	
87	Shower(s) of soft or small hail with or without rain or rain and snow mixed	- slight
88		- moderate or heavy
89	Shower(s) of hail, with or without rain or rain and snow,	- slight
90	mixed, not associated with thunder	- moderate or heavy
91	Slight rain at time of observation	- thunderstorm during the preceding hour but not at time of observation.
92	Moderate or heavy rain at time of observation.	
93	Slight snow or rain and snow mixed or hail at time of observation.	
94	Moderate or heavy snow, or rain and snow mixed or hail, at time of observation.	

95	Thunderstorm, slight or moderate, without hail but with rain and/or snow at time of observation	Thunderstorm at time of observation.
96	Thunderstorm, slight or moderate, with hail at time of observation	
97	Thunderstorm, heavy, without hail, but with rain and/or snow at time of observation.	
98	Thunderstorm combined with duststorm or sandstorm at time of observation.	Thunderstorm at time of observation.
99	Thunderstorm, heavy, with hail at time of observation.	

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CODE FOR PAST WEATHER

Code Figure		
	0	Fair, clear or slightly clouded
	1	Variable sky
	2	Mainly overcast
	3	Sandstorm, duststorm or drifting snow
	4	Fog or thick dust haze
	5	Drizzle
	6	Rain
	7	Snow or sleet
	8	Shower(s)
	9	Thunderstorm, with or without precipitation.

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CODES FOR CLOUD TYPES

Low Cloud - Clouds of genera Sc, St, Cu, Cb.

0	No Stratocumulus, Stratus, Cumulus or Cumulonimbus clouds.
1	Cumulus with little vertical development and seemingly flattened.
2	Cumulus of considerable development, generally towering, with or without other Cumulus or Stratocumulus; bases all at the same level.
3	Cumulonimbus with tops lacking clear-cut outlines but distinctly not cirriform or anvil-shaped with or without Cumulus, Stratocumulus or Stratus.

Low Cloud - Clouds of genera Sc, St, Cu, Cb. (Continued)

4	Stratocumulus formed by the spreading out of Cumulus; Cumulus also often present. (NOTE: Since the spreading out of the scattered parcels of air that have been warmed by the surface may take place, as in Sc vesp., as soon as the condensation level is reached, observers should be warned that, though Cu may normally have been seen earlier, the formation of a particular piece of Sc vesp. may not come from a Cu).
5	Stratocumulus not formed by the spreading out of Cumulus.
6	Stratus or Fractostratus or both, but not Fracto-stratus of bad weather.
7	Fractostratus and/or Fractocumulus of bad weather ("Scud") usually under Altostratus and Nimbo-stratus. (By "bad weather" is meant the conditions usually prevailing before, during or after precipitation).
8	Cumulus and Stratocumulus other than those formed by the spreading out of Cumulus, with bases at different levels.
9	Cumulonimbus having a clearly fibrous (cirriform) top, often anvil-shaped, with or without Cumulus, Stratocumulus, Stratus or "scud".
Blank	Clouds of genera C_L non visible owing to darkness, fog, sandstorm or other analogous phenomena.

Middle Cloud - Clouds of genera Ac, As, Ns.

0	No Altocumulus, Altostratus, or Nimbostratus clouds.
1	Thin Altostratus (semi-transparent everywhere) through which the sun or moon would be seen dimly as through ground glass.
2	Thick Altostratus, or Nimbostratus (through portions of the sheet the position of the sun or moon may be indicated by a light patch).
3	Thin (semi-transparent) Altocumulus; cloud elements not changing much; at a single level.
4	Thin (semi-transparent) Altocumulus in patches (often almond or fish-shaped); cloud elements continually changing and/or occurring at more than one level.
5	Thin (semi-transparent) Altocumulus in bands or in a layer gradually spreading over the sky and usually thickening as a whole; it may become partly opaque or double-layered.

Middle Cloud - Clouds of genera Ac, As, Ns. (Continued)

6	Altocumulus formed by the spreading out of Cumulus.
7	Any of the following cases: (a) double-layered Altocumulus, usually opaque in parts, not increasing. (b) a thick (opaque) layer of Altocumulus, not increasing. (c) Altostratus and Altocumulus both present at the same or different levels.
8	Altocumulus in the form of Cumulus-shaped tufts or Altocumulus with turrets.
9	Altocumulus of a chaotic sky; generally at different levels; dense Cirrus in patches is usually also present.
Blank	Clouds of genera C_M non visible owing to darkness, fog, sandstorm or other analogous phenomena or owing to the existence of a complete layer of lower cloud.

High Cloud - Clouds of genera Ci, Cs, Cc.

0	No Cirrus, Cirrocumulus, or Cirrostratus clouds.
1	Filaments or strands of Cirrus, scattered and not increasing (often "Mares' Tails").
2	Dense Cirrus in patches or twisted sheaves usually not increasing; possibly but not certainly the remains of the upper part of Cumulonimbus.
3	Cirrus, often anvil-shaped; either the remains of the upper portions of Cumulonimbus or part of a distant Cumulonimbus the rest of which is not visible. (If there is doubt as to the Cumulonimbus origin or association, Code C_H = 2 should be used.)
4	Cirrus (often hook-shaped) gradually spreading over the sky and usually thickening as a whole.
5	Cirrus and Cirrostratus, often in bands converging toward the horizon; or Cirrostratus alone; in either case gradually spreading over the sky and usually thickening as a whole, but the continuous layer not reaching 45° altitude.

High Cloud - Clouds of genera Ci, Cs, Cc. (Continued)

6	Cirrus and Cirrostratus, often in bands converging toward the horizon; or Cirrostratus alone; in either case gradually spreading over the sky and usually thickening as a whole and the continuous layer exceeding 45^{0} altitude.
7	Cirrostratus covering the whole sky.
8	Cirrostratus not increasing and not covering the whole sky; Cirrus and Cirrocumulus may be present.
9	Cirrocumulus alone or Cirrocumulus with some Cirrus or Cirrostratus, but the Cirrocumulus being the main cirriform cloud present. (Cirrocumulus may be present in $C_H = 1$ to $C_H = 8$.)
Blank	Clouds of genera C_H non visible owing to darkness, fog, sandstorm or other analogous phenomena or owing to the existence of a complete layer of lower cloud.

CODE FOR HEIGHT, ABOVE GROUND, OF BASE OF CLOUD.

Code Figure	
0	0 to 50 m
1	50 to 100 m
2	100 to 200 m
3	200 to 300 m
4	300 to 600 m
5	600 to 1,000 m
6	1,000 to 1,500 m
7	1,500 to 2,000 m
8	2,000 to 2,500 m
9	2,500 m or more or no low cloud.

CODE FOR DIRECTION OF MOVEMENT OF CLOUD CODE FIGURE

Code Figure	
0	No cloud of that particular level present, or cloud stationary
1	Cloud moving from NE
2	" " " E
3	" " " SE
4	" " " S
5	" " " SW
6	" " " W
7	" " " NW
8	" " " N
9	Cloud movement not determinable

HEARD ISLAND 1954

Latitude 53° 01' S

Longitude 73° 23' E

Height of Barometer Cistern
16 feet above Mean Sea Level

Month	Mean of three hourly readings			Temperatures				Precipitation		Run of Wind
	Station Level Pressure mb	Temperature		Mean Daily Max °F	Mean Daily Min °F	Highest Max °F	Lowest Min °F	Total Points	Number of Days	Mean Speed knots
		Dry Bulb °F	Dew Point °F							
Jan	993.4	37.7	34.0	41.4	34.7	51	32	404	29	17
Feb	1005.8	38.7	35.9	42.6	36.1	52	32	493	24	17
Mar	999.9	37.8	34.8	41.5	34.6	56	31	633	29	16
Apr	1000.6	38.1	36.2	41.7	34.3	56	31	683	28	20
May	995.6	35.2	32.3	39.0	32.2	51	26	618	25	21
June	988.0	31.7	28.0	33.9	28.6	41	20	274	18	16
July	988.8	31.3	26.8	34.0	28.4	42	18	406	20	20
Aug	990.7	31.5	26.6	35.0	28.6	47	22	217	21	20
Sept	988.1	30.6	25.2	33.9	26.8	40	21	351	17	22
Oct	994.2	33.1	29.3	35.6	30.1	42	24	511	23	20
Nov	997.6	34.6	30.8	36.9	30.9	42	27	440	21	22
Dec	988.3	36.4	33.5	39.1	33.1	53	30	563	24	17
Year	994.3	34.7	31.1	37.9	31.5	56	18	5593	279	19

November and December means based on 2 readings only per day.

MACQUARIE ISLAND 1954

Latitude 54° 30' S

Longitude 158° 57' E

Height of Barometer Cistern
20 feet above Mean Sea Level

Month	Mean of three hourly readings			Temperatures				Precipitation		Run of Wind
	Station Level Pressure mb	Temperature Dry Bulb °F	Temperature Dew Point °F	Mean Daily Max °F	Mean Daily Min °F	Highest Max °F	Lowest Min °F	Total Points	Number of Days	Mean Speed knots
Jan	1001.3	43.0	39.8	45.8	40.1	49	33	232	24	21
Feb	998.6	43.9	41.5	46.7	40.6	49	36	373	26	18
Mar	995.5	43.8	42.4	45.8	41.1	50	33	492	30	17
Apr	997.1	41.5	38.8	44.0	38.4	46	34	487	26	22
May	1001.8	40.9	38.7	43.1	37.5	47	31	415	29	19
June	996.6	36.4	31.6	38.6	33.2	43	24	483	30	20
July	1003.0	33.6	28.7	37.0	30.1	42	16	357	26	18
Aug	996.1	36.2	33.4	38.6	32.9	42	16	358	31	20
Sept	997.6	36.8	33.4	39.7	32.3	43	22	300	28	26
Oct	993.6	38.0	33.1	40.7	34.0	43	28	280	30	24
Nov	1003.2	40.0	36.4	42.7	37.2	47	30	304	21	15
Dec	1003.6	43.2	40.6	46.2	40.3	51	37	228	26	13
Year	999.0	39.8	36.5	42.4	36.5	51	16	4309	327	19

MAWSON 1954

Latitude 67° 36' S

Longitude 62° 53' E

Height of Barometer Cistern
27 feet above Mean Sea Level

Month	Mean of three hourly readings			Temperatures				Precipitation		Run of Wind
	Station Level Pressure mb	Temperature Dry Bulb °F	Temperature Frost Point °F	Mean Daily Max °F	Mean Daily Min °F	Highest Max °F	Lowest Min °F	Total Points	Number of Days	Mean Speed knots
Jan	-	-	-	-	-	-	-			-
Feb	987.5									12
Mar	990.2	+18.2	+ 9.7	+22.9	+12.3	+ 32	+ 3			20
Apr	981.7	+ 0.2	- 7.2	+ 4.9	- 4.6	+ 16	- 1			13
May	989.4	+ 0.3	- 8.7	+ 5.5	- 4.5	+ 21	0	Not		20
June	991.3	+ 6.1	- 1.6	+11.2	+ 0.4	+ 27	- 1	Recorded		21
July	998.7	+ 1.0	- 8.6	+ 6.4	- 4.5	+ 35	- 1			20
Aug	989.8	- 3.4	-11.3	+ 0.4	- 7.6	+ 21	- 1			18
Sept	979.2	- 5.8	-13.5	- 0.4	-11.1	+ 15	- 2			17
Oct	980.2	+ 5.3	- 3.0	+10.3	+ 0.3	+ 21	- 1			20
Nov	989.5	+22.6	+11.0	+27.9	+17.0	+ 39	- 4			20
Dec	993.8	+32.2	+20.1	+37.5	+26.5	+ 45	+20			12
Year	-	-	-	-	-	-	-	-	-	-

Station Level Pressure

Upper Limit Range - mb	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
955							1					1	2
960					1		4	1	2			2	10
965	2				11		13	11	10				51
970	10				20	8	26	24	14	2			111
975	18			2	30	20	43	36	29	6	1		204
980	29		3	7	45	43	61	65	68	16	7	3	385
985	43		7	11	56	90	100	99	94	40	8	14	588
990	91	1	33	28	75	138	135	125	130	58	11	19	898
995	141	11	68	59	107	184	167	156	161	90	19	33	1252
1000	184	43	131	107	138	210	194	175	198	129	24	45	1634
1005	211	102	185	166	170	240	216	190	224	166	34	54	1999
1010	231	163	213	205	199		228	207	239	197	38	60	2252
1015	240	208	233	222	240		237	237	240	222	43	62	2448
1020	246	224	248	237	248		248	248		233	56		2549
1025	248			240						248	60		2554

Maximum Temperature

Upper Limit Range - °F	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
25							1						1
26									1				2
28							2		2				4
29						1	3	1	3				8
30						4	4	2	4				14
31					2	7	6	7	5	1	1		29
32						9	11	9	11				44
33					4	12	13	12	13	6			61
34					5	20	17	16	18				92
35					8	22	22	23	20	12	4		127
36					10	26	24	25	24	20	11	1	147
37	1		1	2	15		27	26	26	22	12	4	171
38	3	3	9	8	16	27	29	27	27	24	16	7	212
39	8	7	14	12	19	29		28	28	25	24	14	250
40	13	10	17	15					30	28	27	21	271
41	17	14	21	17	22	30	30				28	25	296
42	24	19	22	18			31			30			314
43	26	20	23	21	26					31	30	29	326
44	28	22		22	27							30	332
45	29	23	26	26	28								342
46			27										344
47	30		29	29				29					352
48					30			31					354
49		24	30										356
50		25											357
51	31	27			31								361
52		28											362
53													363
56			31	30								31	365

Minimum Temperature

Upper Limit Range °F	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
18							1						1
20						1			1				2
21							2	1	4				3
22						3	3		5	1			8
23						4		2	8				12
24					2		5	4	13				18
25					5	7	12	6	15	2	1		25
26					7	12	17	13	19	5	5		37
27					11	13	19	16	22	9	8		67
28					16	17	21	20	23	11	11		88
29					21	19	25	23	24	17	14	1	104
30					22	21	28	26	27	22	17	3	126
31			2	1	26	25	31	27	28	27	22	12	158
32	4	1	4	2	29	28		28		29	27	23	199
33	9	3	11	11	30	29		30	30	31	29	26	250
34	15	8	15	17		30		31			30	28	282
35	18	10	19	23								29	307
36	26	15	25	28									335
37	30	21	29	29								31	351
38	31	26	30										361
39		27	31	30									364
41		28											365

FREQUENCY ANALYSES HEARD ISLAND, 1954

Screen Temperature V Dew Point Depression

	°F	Dew Point Depression 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14 > 14	Total
Jan.	32	2			1												3
	33	4		1													6
	34	6	1	3	4	1		1									16
	35	10	3	7	7	4	3										35
	36	15	5	11	22	5		3	1	2	1						66
	37	19	11	18	32	9	16	4	3	9				1			123
	38	24	12	21	41	10	27	6	11	13							167
	39	26	17	29	44	12	34		14	16	2						201
	40	27	19	31	48		39	8	17				2				222
	41	30		32	50		42	9	18								233
	42	34		35			43			17							242
	43			36													244
	44	35															245
	45		20			13											247
	50															1	246
Feb.	34	2	1														3
	35		5	2	1			2	1								13
	36	6		10	2	2	2	5		1						1	35
	37	13	10	18	3	5	9	6	2	2	1	1					71
	38	23	17	30	10	8	18	9	4	5							127
	39	33	19	41	14	9	20	10		9							162
	40	37	23	45	16	12	21	12		11	2	2					186
	41	43		48	17		22	13			3		1				200
	42	44	26	51													207
	43	45		52						12							210
	44	46	27	54		13											215
	45	48	28	55													219
	46	49	29	56													222
	50					14											223
	51					15											224
Mar.	31	2															2
	32	3			1												4
	33	7	2			1	1				1						13
	34	12		1	2				2	1							23
	35	17	5	4	4		2	2									39
	36	24	12	13	7	7	4	3	3		2						76
	37	33	16	16	13	14	15	5	3	4		1					122
	38	38	19	27	22	18	19		8	7							166
	39	40	23	34	24	22	21	7	13	9			1				197
	40	45	25	36		25	27	8	14		3						218
	41	47		37	26												223
	42	49	29	38		27	28										233
	43	50		40													236
	44		31	43													241
	45			46			29										245
	46							9									246
	48					28											247
	49						30										248
Apr.	33	4	2		1												7
	34		3		3												10
	35	11	9	3	5	1				1							30
	36	17	13	11	10	6	4	3									66
	37	31	20	20	25	13	10	4	1	3							127
	38	45	25	24	33	19	11		2								166
	39	55	27	27	37	22											188
	40	59	30	29		23											198
	41	69	34	30													213
	42	74	35														219
	43	78		31	38												225
	44	79		33													228
	45	80	36	35		25											234
	46	83	37														238
	49			36													239
	55			37													240

FREQUENCY ANALYSES HEARD ISLAND, 1954

Green Temperature V Dew Point Depression

Dew Point Depression

	°F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14 > 14	Total
May	26				1												1
	27		1														2
	28	1	2		3	1		1	1			1					10
	29	2		1	6	2	1	2									16
	30					5			2		1	3					25
	31	4	3	3	7		2	5	4	1					1		39
	32	4	4	6	10		4	8		2							52
	33	7	7	9	13	7	7	10	04			5					73
	34	18	10	14	15	9	8	13	08		2		1				106
	35	22	11	17	19	15	12	14	09								130
	36	30	13	32	22	19	15	18	10								170
	37	37	15	36	23	23	18		11								193
	38	41		37	26	25											203
	39	47	20	40	27	26											219
	40	49	22	41	28		19										226
	41	51	24	43			23			04							237
	42	53	26														241
	43			44													242
	44	53															243
	45	55		45													246
	47			46													247
	48		27														248
Jun.	22									1							1
	23					1											2
	24						1										3
	25								1	2	1						6
	26								2								7
	27	1	1		1		2	1	4	3						1	16
	28			2	4		5	4	6	4	4	1		1	1		36
	29	2		4	7	6	10	7	7		7		1				60
	30	4		5	12	7		11		6	10	2					79
	31	5	6	8	16	10	12	13	9		11	3	2				104
	32	12	11	12	19	13	16	16		7	12		4		2		138
	33	21	13	17	24	16	20	18	10	10		4					173
	34	30	18	20	26		22	21	11								198
	35	36	24	24	28												216
	36	40	28	27	30	19											232
	37	42		29													236
	38	43	29	30													239
	40	44															240
Jul.	22						1	00				2					3
	23						2	00	1				1				6
	24						3	00	6		1			1			14
	25							00	7	2							17
	26							00		3							18
	27			1	2		4		9	4							25
	28	2		3	6	1	8	4		5	3	3	2				47
	29		1	4	8	4		6	11	7	4						61
	30	5	3	7	15	13	12	8	14	8	5					1	97
	31	6	4	10	21	17	13	11	16			4					119
	32	9	8	14	26	18	23	12		9	8		3	2			153
	33	11	12	16	31	20	27		16	10					1		174
	34	15	19	22	32	24	32	13	18	13	11						210
	35	16	20	25	35	28		14	21	15	13	5	04			2	232
	36	17	21	30			33	15									242
	37			33													245
	38	18															247
	42			34	36												248
Aug.	23								1								1
	24								2								2
	25					1	1	1			1						6
	26						2				2		1				9
	27		1		2			4	4	1	3	1				1	21
	28		2	1	3	2	3	6	10	2	6	3	2			1	42
	29	2	3	2	10	5		7	13	3	10	3			1	3	69
	30	3	5	3	12	8	9	10		4	12	5	6	1	2	4	100
	31	5	8		16		12	12	19	6	15	7	8			4	133
	32	8	12	4	18	12	17			7	16	8	9	3			158
	33	9	19	10	22	16	20	13		10	18	9					190
	34	14	24			18			20		19						204
	35	23	27	13	23	20			21								223
	36	24	32		24	21			23								233
	37	28	33	14													239
	38				25		21										241
	39		34		26												243
	40						22										244
	41			16													246
	42								24								247
	43								25								248

FREQUENCY ANALYSES HEARD ISLAND, 1954

Screen Temperature V Dew Point Depression

Dew Point Depression

	°F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14 > 14	Total
Sep.	22		1				2										3
	23		2							1				1		1	7
	24								1	2		1	1		1	1 2	14
	25							1	2				2	3		2	20
	26	1				2	4	4		4	1	4					34
	27						6	5	3	6		6		4	2		44
	28				2	3	7	7	7	8	4	9	3	5		3	65
	29			1	3	5	12	9	9	11	6	10		6	4	0 3	88
	30	2	3	2	5	6	15	12	12	13	8	11	4				109
	31	7	7	5	7	8	20	17	16	15	10	12	6				146
	32	10	10	6	10	11	24	21	17	19		13					173
	33	11	12	8	11	17	25			22	12	14					192
	34	12	17		12	19			18		13						203
	35	14	20	9	15	21	29	22	19								220
	36	15			16	24	30										226
	37	17	21	10			32										232
	38	18		12		25											236
	39	19	22	12													238
	40	20		13													240
Oct.	27			00	1	00	00	1	1			2					5
	28	1	00	00	1	00	00	4	4			3	1				14
	29	2	00		1			6	7	2	1	4					24
	30	4		1	3	1	2	8	8	3	2	5	2		1		40
	31	6	2		6	5	4	10	11	5				1	2		62
	32	9	6	4	7	7	10	12	16	9	4	6					95
	33	19	15	4	14	13	21	15	24	13	5	7					155
	34	25	24	15	15	14	23	17	25								188
	35	29	30	20	21		24	20									213
	36	31	31	20	22	15	25										219
	37	32	33	21		19											227
	38	35	35	22		20	26										235
	39	37	36		23												239
	40	40	38	23	25		27										248
Nov.	30		1								1						2
	31								2		3						6
	32		3		1						5						11
	33	2	6	1	3	1		1		1		1					23
	34		8	3			2		3	2							31
	35		9	5	4		4	3	4	3							41
	36		10	6		2			6								46
	37	3	13	9	5												54
	38	5															56
	39		14	10													58
	40			11													59
	42								07								60
Dec.	33	3															3
	34		2	2	2	1											10
	35	4	6	5	3	2	1	2									23
	36	5	7	8	4	4	4										34
	37	6		11		6	9										45
	38	7	8	13	5	8	10	4									55
	39			15	7												59
	40			16													60
	42					9											61
	43			17													62

FREQUENCY ANALYSES HEARD ISLAND, 1954

Direction and Speed of Surface Wind

	Direction x 10^0			1-9	10-19	20-29	30-39	40-49	≥ 50	Total
Jan.	35	36	01	3	1					4
	02	03	04	3	4					7
	05	06	07	5	11	4				20
	08	09	10		1					1
	11	12	13							
	14	15	16							
	17	18	19		3		2			5
	20	21	22	7	14	20	9			50
	23	24	25	3	12	11	1			27
	26	27	28	7	37	36	3			83
	29	30	31	11	13	9	3	1		37
	32	33	34	6	5					11
	No. of Calms 3			45	101	80	18	1		245
Feb.	35	36	01	1	1					2
	02	03	04	1	4					5
	05	06	07	1		1				2
	08	09	10	1						1
	11	12	13							
	14	15	16	1						1
	17	18	19	2	5	2				9
	20	21	22	6	35	21	7	2		71
	23	24	25	9	18	13	5	1		46
	26	27	28	2	15	17	2			36
	29	30	31	2	11	16	4			33
	32	33	34		2	3				05
	No. of Calms 13			26	91	73	18	03		211
Mar.	35	36	01	9	1					10
	02	03	04	4	7	4				15
	05	06	07	7	5	2				14
	08	09	10	1						1
	11	12	13							
	14	15	16							
	17	18	19	4	1	2	2	1		10
	20	21	22	6	21	18	6	2		53
	23	24	25	6	19	14	2	1		42
	26	27	28	5	14	28	7	1		55
	29	30	31	6	8	10	3	2		29
	32	33	34	8	2					10
	No. of Calms 9			56	78	78	20	7		239
Apr.	35	36	01	2	1					3
	02	03	04	2	7	1				10
	05	06	07	1		1				2
	08	09	10							
	11	12	13							
	14	15	16							
	17	18	19	2	2	5				9
	20	21	22	1	19	20	10	1		51
	23	24	25	3	20	17	8			48
	26	27	28	5	23	29	11	3		71
	29	30	31	5	5	15	9			34
	32	33	34	2	7					9
	No. of Calms 3			23	84	88	38	4		237

FREQUENCY ANALYSES HEARD ISLAND, 1954

Direction of Surface Wind

	Direction x 10°			1-9	10-19	20-29	30-39	40-49	≥ 50	Total
May	35	36	01	5	2					7
	02	03	04	8	7	1				16
	05	06	07							
	08	09	10							
	11	12	13							
	14	15	16		1					1
	17	18	19	1	2	9	5			17
	20	21	22	7	15	35	21	8		86
	23	24	25	1	16	13	2			32
	26	27	28	2	12	26	12	3		55
	29	30	31		9	9	4	2		24
	32	33	34	2	1	2				5
	No. of Calms 5			26	65	95	44	13		243
Jun.	35	36	01	9	3					12
	02	03	04	12	15	16	5			48
	05	06	07	1	1	8	1	1		12
	08	09	10		1					1
	11	12	13	1						1
	14	15	16	1	3	7				11
	17	18	19	5	1	12	3			21
	20	21	22	5	25	16	8	2		56
	23	24	25	2	5	10				17
	26	27	28	2	11	14				27
	29	30	31	1	3	3	1			8
	32	33	34	6	3	1				10
	No. of Calms 16			45	71	87	18	3		224
Jul.	35	36	01	1	3	1	000			5
	02	03	04	3	6	1	000			10
	05	06	07	3	7	6	5			21
	08	09	10	5			1			6
	11	12	13							
	14	15	16	1	2	1				4
	17	18	19	3	2	2				7
	20	21	22	8	11	23	19	9		70
	23	24	25	1	7	9	3			20
	26	27	28	5	22	9	5			41
	29	30	31	2	11	23	7			43
	32	33	34	3	8	5				16
	No. of Calms 5			35	79	80	40	9		243
Aug.	35	36	01	2	1					3
	02	03	04	2	5	2				9
	05	06	07	4	5	7	4			20
	08	09	10	1		1	1			3
	11	12	13	0			1			1
	14	15	16	1	1					2
	17	18	19	0						
	20	21	22	10	8	26	15	5	2	66
	23	24	25	3	19	19	7	1	1	50
	26	27	28	3	8	10				21
	29	30	31	5	24	22	7			58
	32	33	34	1	9	1	1	1		13
	No. of Calms 2			32	80	88	36	7	3	246

FREQUENCY ANALYSES HEARD ISLAND, 1954

Direction and Speed of Surface Wind

	Direction x 10°			1-9	10-19	20-29	30-39	40-49	≥ 50	Total
Sep.	35	36	01	3	6					9
	02	03	04		4	6	2			12
	05	06	07	4	1		1			6
	08	09	10	1	4	1				6
	11	12	13		1					1
	14	15	16							
	17	18	19			1				1
	20	21	22	2	10	18	21	3		54
	23	24	25	3	8	9	7	2		29
	26	27	28	3	10	8	2			23
	29	30	31	4	19	23	7			53
	32	33	34	3	10	19	13	1		46
	No. of Calms 0			23	73	85	53	6		240
Oct.	35	36	01	2	2					4
	02	03	04	2	4					6
	05	06	07	7	4	1				12
	08	09	10		1	2				3
	11	12	13							
	14	15	16	1						1
	17	18	19							
	20	21	22	2	9	15	11			37
	23	24	25		10	11	6	1		28
	26	27	28	3	16	10	2			31
	29	30	31		18	47	11	3		79
	32	33	34	4	16	18	4	1		43
	No. of Calms 4			21	80	104	34	5		244
Nov.	35	36	01							
	02	03	04		1					1
	05	06	07		4	2				6
	08	09	10		3					3
	11	12	13							
	14	15	16							
	17	18	19							
	20	21	22			3	3			6
	23	24	25		6	11	5			22
	26	27	28		6	2	2			10
	29	30	31		2	5	1			8
	32	33	34		1	2	1			4
	No. of Calms 20				23	25	12			60
Dec.	35	36	01							
	02	03	04	2	3					5
	05	06	07	0	3	2				5
	08	09	10			1				1
	11	12	13							
	14	15	16							
	17	18	19							
	20	21	22	2	7	6	4	1		20
	23	24	25	1	4	4		1		10
	26	27	28	1	2					3
	29	30	31	1	5	2	1	1		10
	32	33	34	4						4
	No. of Calms 19			11	24	15	5	3		58

Speed of Daily Maximum Gust of Wind

Upper Limit Range - knots	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
10						3		1					0
20			2			4	1		2	2	1	3	6
30	2	4	5	1	2	11	10	6	5	9	4	15	66
40	8	12	14	6	14	23	15	17	12	16	12	25	102
50	20	21	19	10	20	27	25	26	22	23	22	26	204
60	29	27	25	17	27	30	30	28	28	30	28	27	289
70	31	28	27	26	29		31	31	30	31	30	31	340
80			30	30	30								362
90			3		31								364
100													365

Daily Amount of Precipitation

Range - points	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
Nil	2	4	2	2	6	12	11	10	13	8	9	7	86
1 - 4	10	9	7	10	5	7	5	9	5	6	8	9	90
05 - 9	3	5	1	6	3	3	6	6	2	3	2	2	42
10 - 19	6	3	8	2	6	2	1	4	5	5	3	3	48
20 - 29	7	2	5	2	3	3	1	1	1	2	3	1	31
30 - 39	2		1	3	2	1	4		2	4	2	3	24
40 - 49		1	6	1	3	1	1				1		14
50 - 59	1					1						4	6
60 - 69		1	1		2		2		1		1		8
70 - 79		1		2				1		2		2	6
80 - 89		2		1					1	1			5
90 - 99					1								1
120 - 129											1		1
150 - 159				1									1
	31	28	31	30	31	30	31	31	30	31	30	31	365

Results of Radiosonde Observations,

Temperature at 850 mb

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
- 15						1			1				2
- 12					1	4	4	5	9	5			28
- 9	1	1	1	4	9	9	13	16	22	11			87
- 6	10	12	8	14	16	18	20	21	25	19			163
- 3	22	17	18	19	20	24	25	23	28	26			222
0	23	18	21	22	25	26	28	25	29	28			245
+ 3	27	20	23	27		29		28		30			266
+ 6	29	25	28	29	27			29					283
+ 9			29		28								285
+ 12		26											286

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Temperature at 700 mb

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
- 24							2		3	1			6
- 21					4	3	5	5	7	3			27
- 18	2			3	8	10	15	12	17	7			74
- 15	9	3	6	7	12	14	20	19	23	11			124
- 12	15	9	9	11	14	19	23	21	26	19			166
- 9	17	11	14	18	18	25	26	23	29	25			206
- 6	23	15	19	19	21	28	27	26		26			233
- 3	23	17	22	24	25	29	28	28		28			253
0	28	22	25	26	26			29		29			271
+ 3	29	24	28	27	27								279
+ 6		25	29		28								282

Temperature at 500 mb

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
- 42						1		2	2				5
- 39					2	2	2	5	6	2			19
- 36			1	1	6	5	7	7	11	3			41
- 33	1		2	2	8	8	17	12	16	8			74
- 30	7	2	7	6	10	14	20	15	21	13			115
- 27	10	5	9	10	13	22	20	20	27	20			156
- 24	14	10	12	15	19	28	27	23	27	26			201
- 21	19	11	14	21	24	29	28	29	28	27			230
- 18	24	15	19	24	27					29			252
- 15	27	20	24	27	28								269
- 12		23	28										276

Temperature at 300 mb

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
- 60								3	1	1			5
- 57				1		8	6	7	8	3			33
- 54		1		2	3	17	16	15	16	14			84
- 51	7	2		6	7	26	24	23	23	20			138
- 48	10	6	2	16	14	28	28	26	27	25			182
- 45	18	10	9	21	21	29				26			215
- 42	23	12	16	24	25					29			239
- 39	24	15	25	25									253
- 36	25		27										256

Temperature at 200 mb

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
- 72							1	2					3
- 69								4					5
- 66					3	1	3	7		2			16
- 63	1	1		2	7	3	4	9		4			31
- 60		3	1	5	10	6	6	11	1	6			50
- 57	4	5	3	11	11	10	12	17	5	13			91
- 54	5	6	6		13	18	19	21	8	16			123
- 51	7		9	12		23	24	24	15	24			157
- 48	10	9	11	18	19	25	27		17	25			185
- 45	18	13	13	21	21		28		18	26			207
- 42	23	14	19	22	24				19	28			226
- 39	25		22										231

FREQUENCY ANALYSES HEARD ISLAND, 1954

Temperature at 150 mb

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
-66								3					3
-63						1	2	5		1			9
-60				2	3	2	4	10					22
-57		3	3	6	8	10	9	20	1	5			65
-54	2	4	5	10	10	18	17	22	5	10			103
-51	6	5	10	15	16	21	23	23	10	15			144
-48	8	6	12	21	20	23	25	24	13	19			171
-45	16	11	18	22	23				16	23			201
-42	25		22										214

Temperature at 100 mb

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
-66								1					1
-63							1	3					4
-60					1	3	4	8					16
-57		2	1	1	5	10	10	12		1			42
-54			3	6	12	18	14	16		3			74
-51	2	4	7	14	18	19		17	3	4			102
-48	3	7	12	18	20	20	15		7	7			126
-45	8	9	20						8	13			146
-42	21								9	14			163
-39	23												165

Temperature at Tropopause

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
-72							1	3					4
-69					1			6					8
-66					6	4	5	9	1	4			29
-63	2	1	1	4	7	5	6	10	2	7			45
-60		4		6	9	11	10	15	5	13			76
-57	7	5	5	13	12	15	14	19	9	16			115
-54	9	8	10	16	16	21	19	22	18	21			160
-51	13	11	12	18	17	23	24	24	22	24			188
-48	20	13	16	20	19	25	27			25			211
-45	23	14	19	23	24	26	28						228
-42	24		21		25					27			234
-39		15	22										236
-36	25												237

Pressure at Tropopause

Upper Limit Range - mb	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
200			2	1	2			2					7
250	7	9	11	12	11	7	10	12	3	9			91
300	12	10		16	16	16	14	15	11	18			139
350	23	15	19	22	19	24	25	23	19	25			214
400	25		22		23	25	28	24	22	26			232
450				23	25					27			236
500						26							237

Geopotential at 850 mb

Upper Limit Range - gpDm	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
100					2		1	2	1				6
105					3		3						9
110	1				4	1	4	5	4	2			21
115	3		1	1	7	6	7	9	9	7			50
120	6			2		13	13	12	15	8			77
125	15		7	5	12	20	16	18	20	14			127
130	22	2	14	12	16	27	23	20	25	21			182
135	24	12	23	20	19	29	25	23	29	26			230
140	27	19	24	25	22		27	25		28			255
145	28	24	27	28	27		28	28		30			278
150	29	26	29	29	28			29					286

Geopotential at 700 mb

Upper Limit Range - gpDm	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
245													0
250					2		2	2	1				7
255					3		4		2				11
260	1			1	4	3	6	8	6	5			34
265	3		1		6	9	10	11	12	6			59
270	6		2		11	14	13	16	19	8			90
275	14		7	5	12	22	20	18	22	14			134
280	19	4	11	10	16	27	23	22	28	17			177
285	23	11	17	15	18	28	25	24	29	24			214
290	25	16	21	22	20	29	27			26			239
295	27	18	26	23	25		28	26		29			260
300	29	20		26	27			28					271
305		25	28	27	28			29					281
310			29										282

Geopotential at 500 mb

Upper Limit Range - gpDm	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
485									1				1
490					1		1	2	2				6
495							2	3					8
500					6	1	5	8	5	2			27
505				1	7	3	8	10	9	2			40
510	2		1		10	8	13	11	14	6			66
515	3		2			16	15	14	15	8			84
520	8		4	4	11	18	19	17	22	12			115
525	13	2	7	8	13	23	22	18	27	17			150
530	16	3	9	12	15	25	24	21	28	18			171
535	20	9	12	13	16	26	25	23		22			194
540	21	12	16	15	18	28	26	24		24			212
545	23	14	20	22	21	29	27			28			236
550	24	16		23	23		28	24		29			244
555	26	17	24	25	27			28					261
560	27	18	25	26									265
565		22	26	27	28			29					273
570		23	27										275
575			28										276

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Geopotential at 300 mb

Upper Limit Range - gpDm	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
820									1				1
830					1		2	4	2	1			10
840					3	3	5	7	6				25
850					7	9	11	11	11	4			53
860	3		2	3	8	16	17	12	16	10			87
870	7		5	6	9	23	20	16	24	15			125
880	16	3	10	10	11	25	25	18	27	21			166
890	18	7	11	13	14	28	26	21		23			188
900	19	9	17	19	18	29	28	21		27			214
910	21	10	19	21	23			25		29			232
920	25	11	21	23	25			26					244
930		13	25	25									252
940		15	27										256

Geopotential at 200 mb

Upper Limit Range - gpDm	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
1070									1				1
1080							2	1					4
1090								7	2	1			12
1100					2	4	6		5				25
1110					3	6	10	12	7	4			42
1120					6	17	18	16	13	10			80
1130	4		2	4	8	21	25	18	19	18			119
1140	8		4	8	11	24	26	20		22			142
1150	17	2	9	13	14	25	28			25			172
1160	19	8	12	17	19			23		27			197
1170	22	9	16	18	22					28			210
1180	24	10	17	20	24			24					219
1190	25	11	20	22									226
1200		14	21										230
1210			22										231

Geopotential at 150 mb

Upper Limit Range - gpDm	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
				00									
1250				00					1				1
1260				00			1	1					3
1270				00			2	7	2				11
1280				00		3	3		4				17
1290				00	2	5	6	11	5	3			32
1300				00	4	14	13	16	9	6			62
1310					7	18	22	20	11	11			89
1320	3			04	9	23	25		16	16			116
1330	7		3	12	12			21		21			140
1340	15	1	7	17	19			23		23			169
1350	19	7	14	17	23								190
1360	23	7	17	20				24					201
1370	25	8	20	22									209
1380		11	21										213
1390			22										214

Geopotential at 100 mb

Upper Limit Range - gpDm	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
1510									1				1
1520							1	5					7
1530						1		7					10
1540						2	2	9	3				16
1550					1	4	5	12	3	2			27
1560					3	14	9	15	5	3			49
1570					4	19	14	16	7	5			65
1580				1	7	20	15	16	9	8			76
1590				7	13			17		13			94
1600	7		3	13	17					14			115
1610	15	4	9	13	20								136
1620	20	6	14	17									152
1630	23	7	17	18									160
1640		9	20										165

Geopotential of Tropopause

Upper Limit Range - gpDm	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
600					1	1							2
650													2
700			1	1	4				2	1			10
750	1		3		6	2	4	1	4	2			24
800	8	1	9	3	7	4	7	3	6	5			53
850	8	3	11	6		9	13	9	8	6			80
900	13	6		7	10	11	14	11	11	10			104
950	16	7		8	13	15	17	12	16	14			129
1000	18			10		19	22	14	21	18			153
1050	19	9	13	14	14	24	26			23			177
1100	21	10	15	17	18	25	26	18	22	26			198
1150	22	12	18	20	22	26	28	22		27			219
1200	25	15	20	22	24			23					232
1250			21	23	25			24					236
1300													236
1350			22										237

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Station Level Pressure

Upper Limit Range - mb	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
955						4							4
960						6				3			9
965				1		8				11			20
970			1			11		9	1	15			38
975		1	4	10		14		14	2	23			68
980	6	6	12	17	3	34		35	7	39	8		167
985	20	27	42	42	8	53	3	64	22	65	20	2	368
990	38	38	76	81	24	76	18	98	53	95	36	27	660
995	65	78	116	111	54	101	45	125	107	127	57	44	1030
1000	103	122	158	142	103	141	96	150	152	155	76	83	1481
1005	154	170	206	170	150	168	156	170	189	195	135	124	1967
1010	186	203	225	188	190	186	191	192	206	222	172	180	2341
1015	225	208	243	211	239	207	218	217	222	235	201	228	2654
1020	248	215	248	240	248	229	239	233	233	240	225	248	2846
1025		224				235	248	248	237	248	233		2905
1030						240			240		240		2920

Maximum Temperature

Upper Limit Range - °F	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
26								1					1
30							2						3
31							5	2					7
32							7	3					10
33						1	10		1				15
34						5							19
35									4				22
36						7	11		5	1			27
37						9		6	6		1		34
38					1	14	14	7	8	3	2		49
39					3	18	20	17	10	7			77
40				2	4	19	26	24	13	12	4		104
41					6	26	29	30	23	20	5		141
42				5	8	29	31	31	29	26	11	1	171
43	1		2	6	16	30			30	31	18	2	198
44	2	1	6	18	25						27	6	238
45	13	5	11	27	27						29	10	275
46	23	13	23	30	30						29	20	321
47	29	24	29		31						30	24	350
48	30	26										27	356
49	31	28										29	361
50			31										363
51												31	365

Minimum Temperature

Upper Limit Range - °F	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
16					*		1	1					2
18							2						3
20								2					4
22									1				5
23							3						6
24						1			2				8
25							5						10
26							7	3					13
27							9	5	3				18
28						2	12		5	1			25
29						6	15	06	8	2			37
30						8	16		10	5	1		46
31					1		19	08	12	7			56
32						13	19	12	15		2		69
33	1		1			16	22	13	19	11			86
34			2	1	6	19	23	14	20	16	4		106
35	2			3	7	20	25	18	22	23	8		130
36		1		8	12	23	27	23	24	25	9		156
37	4	4		10	16	26	30	29	26	28	13	5	193
38	5	5	3	16	19	28		31	29	30	21	7	224
39	12	7	7	21	24	30	31				24	12	258
40	19	13	8	24	26				30	31	29	15	287
41	23	18	15	27	28							22	315
42	26	20	21	28	31						30	27	336
43	27	27	28	30								28	354
44	31	28	31									31	365

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Screen Temperature V Dew Point Depression

	°F	Dew Point Depression 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14> 14	Total
Jan.	36				2					1							3
	37	1															4
	38						1				1						6
	39		1	2	3	2				2	2		1				15
	40		2	6			3			4		1	2			1	27
	41	2	3	13	8	5	8	1		7		2					54
	42	7	4	15	14	9	16	3	4	8	3	3	3				90
	43	17	5	20	17	12	23	4	8	12		4					129
	44	37	12	37	19	16		5	14	16							190
	45	50	19	48	21				17							1	227
	46	58	20	53				6	18								243
	47	59		54	22	17			19								248
Feb.	37				1												1
	38			1	2												3
	39						1			1							5
	40				3	1	3		1	2							11
	41		4	4	5	2	5	1									24
	42		11	10	7	4	11	2		3	1						50
	43	5	14	19	9	7	18		3				2				83
	44	21	16	30	13		23		4			1					123
	45	45	26	48	19	8	29	3									189
	46	59	30	50		10	32										214
	47	62			20	12			5								221
	48	63			0												222
	49	64			21												224
Mar.	35	1															1
	37					2											3
	38							2		01							6
	39			1			1			3	1						11
	40			2		3	2										14
	41			3	3	5	3	4	1	4			1	1			27
	42	11		5		6			2						1		42
	43	46	4	12	4		6	0		5							93
	44	81	10	26	6	8	7										153
	45	08	20	36		9	9	5	3								205
	46	30	23	38	7	10	11										236
	47	34	24	39													242
	48		25	40													244
	49	37															247
	50			41													248
Apr.	34			1													1
	35	1		2													3
	36	4					1									1	8
	37			3			2					2		1			13
	38	5		6	3	1	5			2	1	5	2				32
	39	6	1	9	3	5	9	4		3			3	2			52
	40	15	3	11	6	6	11	6	1	5	2		4				78
	41	19	7	18	7	8	16			9	3						106
	42	30	9	31	10	10	5	7			4		05				140
	43	43	20	39	13	13	18		2								181
	44	66	24	49	14	14	19										221
	45	78	25	52	15		20										239
	46			53													240

FREQUENCY ANALYSES MACQUARIE ISLAND, 1954

Screen Temperature V Dew Point Depression

Dew Point Depression

	°F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>14	Total
May	33				1													1
	34					1												2
	35	3			4													8
	36	4		1	5			2	1			1						15
	37	6	1	2	8	3	2			1								27
	38	11	5	6	11	5	5	3		4				1			1	54
	39	15	8	12	12	7	11			6			2					80
	40	22	9	19	13		17			8		3	3					107
	41	29	12	20	15	8	21	4		9								127
	42	49	18	25	16		26			11								166
	43	79	22	32			27			12								209
	44	93	25	36	17	9	29											234
	45	00	27	39	18													247
	47	01																248
Jun.	25											1						1
	26											2						2
	27												1					3
	28											4						5
	29				1						1			1				8
	30				3			1			2		2					13
	31				4			5			4				1	1	1	23
	32	1	2			1	1	7		2	7		3	2	3			39
	33		4	1	5		3	13	1	5				4		2		58
	34	3	5		7		4	15			9		4				2	70
	35	4	6	2		3	6	17	2	6	10		5	7	4			87
	36			4	11	5		21	5	7		5			5	03		106
	37		10	7	19	7	13	22		9	11	6		8	6		5	140
	38	7	14	11	22		18	25		11			6					165
	39	9	17	20	23	10	22	26	6									189
	40	15	19	25	24	11	23											205
	41	25	25	34		12												231
	42		28	38	25	13												240
Jul.	18								1									1
	20							1			1							3
	21											2						5
	22									4								8
	23								2						2			11
	24											1						12
	25											2	3		3			15
	26				1				4					2				20
	27							2	5						4			23
	28				2			4	6			3	6	4	5		1	35
	29							9	9	8		1	1					52
	30			2	3	1	3	16	11	11		8	14	5	6	2		83
	31				4	2	5	19	13			10				3		95
	32	1	2	3	8		8	21				12						110
	33				10	5	9	23							7			119
	34		4		11			24					15					124
	35				12	7	10					14						130
	36	2	5	4	20	8	13	27	14			15	17					152
	37	6	9	11	25	9	19	28		13		16						183
	38	9	12	16	29	10	20											200
	39	13	15	25	34													221
	40	18	19	29	36	11	21		15									239
	41	20	20	31														244
																		248
Aug.	17												1					1
	21				1													3
	23								1				2			1		5
	24										1							6
	25												3		1	2	1	10
	26											1						11
	27				2			2				3					2	14
	28		1		3				2				1				3	19
	29							3							2			22
	30	1						4		2		4			3			26
	31							5		3								32
	32	2			6			8				9					4	35
	33	3		1	9	1		10				11			1		5	45
	34	4	3	2	13	2			3			12						56
	35	12	5	5	16			13	4									67
	36	26	13	7	26		1											87
	37	48	23	11	38			14										121
	38	62	33	28				15										171
	39	73	40	37			2											213
	40	77		40														241
	41																	248

FREQUENCY ANALYSES MACQUARIE ISLAND, 1954

Screen Temperature V Dew Point Depression

	°F	Dew Point Depression 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14 > 14	Total
Sep.	25												1		1		2
	26												2				3
	27						1										4
	28			1	1			1				1					8
	29				3			2		1					2		13
	30				4	1	2	4			2				3	1	21
	31				5										3		23
	32					2	5	5	3	2		2	4		5		37
	33	1			7		6	6		4	4	3	5	2			50
	34	2	1	2		4		8	5		6						61
	35		3	4	14			12	7	5	8		6		6		83
	36	4	5	7	17			15						3			97
	37	6	6	9	25	7	10	16	8	6							120
	38	8	8	13	28		13			7							135
	39	23	9	17	29	8	15										159
	40	49	16	22	31												199
	41	64	26	32													234
	42	67	27	34													240
Oct.	30								1		1						2
	31							1			3						5
	32				1			4		1	6				1		14
	33					1		6			8						19
	34					2	1	7			9			2			25
	35	1			3	3	3	13	2		11		1	4			43
	36	2	1	1	4	5		15	3	4	16			6		1	63
	37	3	2	2	9	7	14	16		9	18	1		8	3		97
	38		3	5	12	8	23		4	20		2	2		5		130
	39	7	5	17	15		30		7	23			3				165
	40	13	8	27	16	9	37	17		24			5				197
	41	17	9	50	18		44	18	8								236
	42		11	54	22		45	19									248
Nov.	32									1							1
	33										1						2
	34										3						4
	35							1			10		1				13
	36				1			5	1		11	2					22
	37		2		6	1	4			5				1		1	40
	38		3		12	2	5	6	2	8	12						56
	39	5	6	8	17	4	8		3	11			02				87
	40	13	11	19	19	9	10			13		3					123
	41	26	24	33	21	10	16	7				4					174
	42	29	33	44	25	12	20			16							210
	43	30	34	52	28	14	23		7								232
	44			54		15	24		8						3		238
	45		35				25										240
Dec.	38				3		4										7
	39	1	1	2	4	1	8	1		1			1				20
	40	2	2	7	5		10										30
	41	3	3	14	8	2	12					1					46
	42	8	19	29	10	5	20		4								99
	43	20	25	36	12	8	25	3	6			3					140
	44	30	33	44	14		31	4	7			4					177
	45	38	37	57	15		33	5	9		1						209
	46	42	39	64	16	10	34										226
	47	43	42	69	19	12											240
	48			70	21	14											245
	49				22												246
	50					16											248

FREQUENCY ANALYSES MACQUARIE ISLAND, 1954

Direction and Speed of Surface Wind

	Direction x 10°			1-9	10-19	20-29	30-39	40-49	≥ 50	Total
Jan.	35	36	01	1	5					6
	02	03	04							
	05	06	07							
	08	09	10	1						1
	11	12	13	1						1
	14	15	16	1		1				2
	17	18	19	1	5	3				9
	20	21	22		5		1			6
	23	24	25	1	8	3				12
	26	27	28	1	27	43	14	1		86
	29	30	31	4	22	46	15	3		90
	32	33	34	3	14	15	3			35
	No. of Calms 0			14	86	111	33	4		248
Feb.	35	36	01	4	5	2				11
	02	03	04	1						1
	05	06	07			1				1
	08	09	10		1					1
	11	12	13							
	14	15	16	2	3					5
	17	18	19	3	4	1				8
	20	21	22	4	1	1				6
	23	24	25							
	26	27	28	2	15	20	9	1		47
	29	30	31	2	33	26	2			63
	32	33	34	7	33	28	6	1		75
	No. of Calms 6			25	95	79	17	2		218
Mar.	35	36	01	4	7	4	2			17
	02	03	04	1	3					4
	05	06	07	1						1
	08	09	10	5	1					6
	11	12	13	4	11					15
	14	15	16	7	30	9	2			48
	17	18	19	1	2					3
	20	21	22	1						1
	23	24	25		2	2				4
	26	27	28	1	9	8	3	5		26
	29	30	31	1	11	19	4			35
	32	33	34	4	24	37	11			76
	No. of Calms 12			30	100	79	22	5		236
Apr.	35	36	01	2	2	2				6
	02	03	04	1						1
	05	06	07		1					1
	08	09	10	4						4
	11	12	13	1						1
	14	15	16	1	2	1		2	1	7
	17	18	19	1	3	1	1			6
	20	21	22	3		2	1			6
	23	24	25	1	6	6	1			14
	26	27	28	2	8	26	13			49
	29	30	31	1	16	52	18			87
	32	33	34	2	6	32	11	2		53
	No. of Calms 5			19	44	122	45	4	1	235

FREQUENCY ANALYSES MACQUARIE ISLAND. 1954

Direction and Speed of Surface Wind

	Direction x 10^0			1-9	10-19	20-29	30-39	40-49	≥ 50	Total
May	35	36	01	4	3	3				10
	02	03	04	1						1
	05	06	07	2						2
	08	09	10	1						1
	11	12	13	1	2					3
	14	15	16	4	3	4	3			14
	17	18	19	5	3	1				9
	20	21	22	1	1					2
	23	24	25	1	2	5		1		9
	26	27	28	5	22	32	7	7	1	74
	29	30	31	3	24	20	13			60
	32	33	34	4	29	20	2	1	1	57
	No. of Calms 6			32	89	85	25	9	2	242
Jun.	35	36	01	1	1					2
	02	03	04	1						1
	05	06	07							
	08	09	10	1						1
	11	12	13		1	1				2
	14	15	16	1	3	4	7			15
	17	18	19	7	5	5				17
	20	21	22	10	6	1				17
	23	24	25	1	11	4				16
	26	27	28	2	30	38	5	3		78
	29	30	31	2	14	31	5			52
	32	33	34		8	23	6	1		38
	No. of Calms 1			26	79	107	23	4		239
Jul.	35	36	01		1					1
	02	03	04							000
	05	06	07							000
	08	09	10							000
	11	12	13							000
	14	15	16	4	1					5
	17	18	19	10	12	7				29
	20	21	22	15	7	1				23
	23	24	25	9	8	4	2			23
	26	27	28	5	25	35	12	1		78
	29	30	31	4	23	20	13	3		63
	32	33	34	1	4	13	2			20
	No. of Calms 6			48	81	80	29	4		242
Aug.	35	36	01		1	1				2
	02	03	04	1						1
	05	06	07							
	08	09	10	1						1
	11	12	13	1		3				4
	14	15	16	2	3	4				9
	17	18	19	3		3	1			7
	20	21	22	3	2	1	1			7
	23	24	25	4	5	4				13
	26	27	28	2	10	36	7			55
	29	30	31	10	20	24	3			57
	32	33	34	6	17	46	19			88
	No. of Calms 4			33	58	122	31			244

FREQUENCY ANALYSES MACQUARIE ISLAND, 1954

Direction and Speed of Surface Wind

	Direction x 10°			1-9	10-19	20-29	30-39	40-49	≥ 50	Total
Sep.	35	36	01	1	4	3	2			10
	02	03	04							
	05	06	07	1						1
	08	09	10	1						1
	11	12	13	1		5				6
	14	15	16							
	17	18	19		1	1				2
	20	21	22		2	2				4
	23	24	25	1	5	6	2			14
	26	27	28	1	7	21	22	3		54
	29	30	31	1	8	27	36	4		76
	32	33	34	6	10	14	35	5		70
	No. of Calms 2			13	37	79	97	12		238
Oct.	35	36	01	2	2	5				9
	02	03	04							000
	05	06	07							000
	08	09	10							000
	11	12	13							000
	14	15	16		1	1				2
	17	18	19	1	4					5
	20	21	22		4	4				8
	23	24	25	3	2					5
	26	27	28	1	10	46	15			72
	29	30	31		18	38	15	5		76
	32	33	34	2	7	33	19	6		67
	No. of Calms 4			9	48	127	49	11		244
Nov.	35	36	01	4	10	2	1			17
	02	03	04	2						2
	05	06	07							
	08	09	10	2						2
	11	12	13	5						5
	14	15	16	12	14	10	3			39
	17	18	19	2	6					8
	20	21	22	1						1
	23	24	25	5	2					7
	26	27	28	7	13	19	7	2		48
	29	30	31	14	16	5	1			36
	32	33	34	16	29	18	5			68
	No. of Calms 7			70	090	54	17	2		233
Dec.	35	36	01		11	3				14
	02	03	04		1					1
	05	06	07							
	08	09	10	2	1					3
	11	12	13	4	2					6
	14	15	16	10	6	3				19
	17	18	19	0	3					3
	20	21	22	10	3					13
	23	24	25		9	2				11
	26	27	28	9	20	30	3			62
	29	30	31	11	31	11	2			55
	32	33	34	29	23	2				54
	No. of Calms 7			75	110	51	5			241

Speed of Daily Maximum Gust of Wind

Upper Limit Range - knots	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
20			3		1		1				2	5	12
30	4	5	11	1	5	2	5	4	1	2	12	14	66
40	12	18	17	8	15	11	10	12	3	3	22	22	153
50	25	26	26	21	24	22	24	27	12	16	25	30	278
60	30	27	29	28	26	28	26	31	23	27	29	31	335
70		28	31	29	28	29	31		28	31	30		357
80	31			30	29	30			30				363
90					31								365

Daily Amount of Precipitation

Range - points	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
Nil	7	2	1	4	2		5		2	1	9	5	36
1 - 4	12	12	9	3	7	9	10	10	10	13	11	12	118
5 - 9	4	5	4	8	6	7	3	10	9	7	1	8	72
10 - 19	4	5	9	3	10	6	10	5	1	6	1	4	64
20 - 29	2	2	1	7	4	3		4	6	2	4	1	36
30 - 39	1		4	2		2	1		2	1	2		15
40 - 49	1		2	2	1	2		1		1	1		11
50 - 59		1	1					1					3
60 - 69				1	1		1				1		4
70 - 79							1					1	2
90 - 99						1							1
150 - 159		1											1
	31	28	31	30	31	30	31	31	30	31	30	31	365

Results of Radiosonde Observations,

Temperature at 850 mb

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
- 15							2		1				3
- 12						1	7	4	3				15
- 9						7	10	7	8	2			34
- 6	3		2	4	4	15	19	12	14	11	2	1	87
- 3	13	9	4	13	10	16	23	19	17	18	8	3	153
0	17	15	11	17	22	27	26	27	25	22	15	12	236
+ 3	23	22	25	21	26	29	29	31	29	29	25	17	306
+ 6	26	25	29	24	30	30	31		30	30	30	21	337
+ 9	28	28	30	25						31		23	347
+ 12			31									25	350
+ 15	29											27	353

FREQUENCY ANALYSES MACQUARIE ISLAND, 1954

Temperature at 700 mb

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
-27							1						1
-24									2				3
-21						1	2	2	3				8
-18				1	1	8	5	4	7	6	2		34
-15	1	1		3	1	13	11	9	9	9			59
-12	3	8	3	8	5	14	19	18	11	18	5	1	113
-9	8	11	8	14	14	22	26	27	24	22	12	11	199
-6	17	16	12	18	23	27	31	31	28	28	22	14	267
-3	23	21	25	22	29	30			30	30	29	18	319
0	25	25	29	25	30					31	30	22	339
+3	28	28	30									24	346
+6												27	351

Temperature at 500 mb

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
-42							1						1
-39						4	2	1		2			9
-36							3	4	1	3			15
-33	1		1		1	9	5	8	4	5	1		35
-30		4	4	5	2	12	16	15	10	10	4	2	85
-27	3	7	6	8	4	19	25	25	18	19	10	4	148
-24	9	11	6	16	18	28	29	30	26	22	16	7	218
-21	13	16	16	22	27	29	31	31	29	26	28	13	281
-18	22	20	27	24	28	30			30	30	29	19	321
-15	26	26	29	25						31	30	23	340
-12	27	28										27	347
-9	28												348

Temperature at 300 mb

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
-60						1	3	1					5
-57						3	18	11	11	1			34
-54				2	3	13	25	24	10	6			83
-51	1	1		10	11	26	30	31	24	16	6	2	158
-48	5	8	10	17	21	28			28	24	20	10	232
-45	15	12	21	23	22				29	27	22	16	276
-42	21	19	23	25		29				30	28	21	308
-39	25	22	26							31	28	26	324
-36	25	23	27								29		327
-33													327
-30	26	24											329

Temperature at 200 mb

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
-78							1						1
-75							2						2
-72							4						4
-69					1	1	6	2	3	1			13
-66				1	5	3	10	7	5	2			32
-63	1			2	6	5	16	13	8	4	2	7	53
-60	3	2			12	10	20	14	11	8		8	87
-57	5	4	2	7	13	13	22	20	18	13	4	9	122
-54	9	5	4	8	15	17	27	25	22	18	11	10	158
-51	13	8	8	17	18	21	29	29	24	25	16	15	206
-48	18	11	11	21	19	27		30	28	28	21	19	250
-45	21	16	19	23						29	25	23	280
-42	24	21	22	25							29	25	302
-39	26	22	24							30		26	315
-36													315
-33		23											316

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Temperature at 150 mb

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
-66							1	1	1				3
-63					1		6	4	4				15
-60				1		3	11	12	9	2		1	40
-57	3			3	7	7	17	16	14	2		3	72
-54	5	2	3	8	15	14	20	24	8	6	1	6	122
-51	9	6	7	13	18	18	23	28	24	11	5	8	170
-48	15	10	17	19		25		29	27	19	13	15	230
-45	21	14	19	22						28	21	21	268
-42	25	19	23							28	25	24	288
-39		21								30	29	25	297

Temperature at 100 mb

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
-66							1	1					2
-63							6	6	1				13
-60				1	3	3	15	10	4				36
-57				2	7	6	17	14	9	1			56
-54	2		3	6	13	14	18	18	17	2			93
-51	6	3	10	13		18	20	21	19	5	1	4	133
-48	9	7	15	19		20		23	23	7	4	10	170
-45	16	13	19	20					25	12	15	17	213
-42	20	15	20							21	22	21	240
-39		16								24	27	22	250
-36										25		22	251

Temperature at Tropopause

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
-78							1						1
-75							2						2
-72					1	1	6	1	1				10
-69					2	2	10	6	4	1			25
-66				1	4	6	17	14	7	2	1	1	53
-63	1	1	1	2	8	10	19	17	13	3		3	79
-60	5	3	2	6	12	15	23	20	17	10	2	7	122
-57	10	5	5	14	17	20	26	25	20	15	6	9	170
-54	16	9	11	18	18	24	29	28	25	18	12	15	243
-51	18	15	14	21		28		31	26	26	18	18	262
-48	21	21	19	23	19				28	28	23	23	293
-45	25	22	25	24						30	26	26	313
-42		23	26	25	20	29					28		320
-39										31	29		322
-36	26	24											324

Pressure at Tropopause

Upper Limit Range - mb	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
150												1	1
200	2	3	2	2	2	1		1	2			5	20
250	15	9	9	10	16	12	18	17	20	11	8	12	157
300	21	18	19	21	19	20	26	28	26	24	18	23	263
350	25	21	24	23		27	29	30	27	30	27	25	307
400	26	23	26	25		28		31	28		29	26	320
450		24			20	29				31			324

Geopotential at 850 mb

Upper Limit Range - gpDm	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
90						1							1
95													1
100													1
105								1		1			3
110			1					2	1	2			7
115	2					4		4		6	1		19
120	3	3	4	7	1	8		9	4	9	3		51
125	6	5	9	8	4	12	6	15	11	16	6	2	100
130	10	15	16	14	10	16	14	19	17	18	8	6	163
135	15	19	22	16	16	22	21	21	24	25	15	12	228
140	20	23	27	19	23	24	26	24	26	29	23	18	282
145	26	26	29	23	30	28	29	27	29	29	26	23	325
150	29	27	31	25		30	31	30	30	31	29	26	349
155		28						31			30	27	353

Geopotential at 700 mb

Upper Limit Range - gpDm	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
240						1							1
245													1
250										1			2
255								1		2			4
260			1			3		2					8
265				1		7		6	2	6	1		24
270	2	3	3	5		8	3	10	6	8			49
275	5	5	6	8	2	10	7	15	11	13	5		87
280	8	6	10	12	9	15	15	18	18	19	6	4	140
285	11	14	17	16	14	20	19	21	23	23	11	8	197
290	16	20	21	17	19	23	24	24	25	27	16	15	247
295	21	22	25	19	24	27	29	26	27	29	23	18	290
300	25	24	28	21	29	29	31	30	30	30	26	22	325
305	28	27	30	25	30	30		31		31	30	24	347
310		28										27	351

Geopotential at 500 mb

Upper Limit Range - gpDm	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
480						1							1
485													1
490													1
495										2			3
500						3		2					7
505						4			1	3			10
510			1	1		8	2	5	2	3			22
515		1		4			4	9	4	8	1		40
520	3	3	4	5	1	9	7	11	9	10	3		65
525	5	5	5	10	3	10	9	16	12	14	5		94
530		6	8	11	5	15	17	18	16	19	7	2	149
535	8	10	11	14	12	18	19	20	22	23	9	7	173
540	12	15	17	16	14	23	24	25	25	24	14	9	216
545	15	18	20	17	19	27	28	26		26	18	13	252
550	19	21	23	18	23	29	31	30	29	30	21	18	292
555	22	23	24	21	27				30	31	27		313
560	25	24	27	23	28	30		31			30	22	332
565	28	27	29	25								25	342
570		27										27	345
575		28											348
580													346

Geopotential at 300 mb

Upper Limit Range - gpDm	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
830						1				1			2
840						3	1	2		2			8
850						6	2	4	1	4			17
860		1	1	2		9	6	11	4	6			40
870	3	2	4	6	1	11	12	15	11	13	3		81
880	5	6	5	11	3	16	19	22	17	18	6	3	131
890	6	8	9	16	8	22	25	27	24	23	12	8	188
900	14	12	16	18	15	28	30	31	26	25	17	11	243
910	17	16	23	20	21	29			29	31	25	17	289
920	21	19	25	23	22						29	20	309
930	24	21	27	25								22	320
940	26	24										24	327
950												26	329

Geopotential at 200 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
1090										1			1
1100						3	1	2		2			8
1110						6	3	4	1	6			20
1120						8	12	14	4	6			44
1130				2		12	20	21	12	10			77
1140		3	3	13	4	18	27	26	20	19	1		134
1150	5	6	5	14	11	24	29	30	24	23	7	3	181
1160	12	11	11	19	17	27			27	26	16	11	236
1170	15	12	19	22	19				28	29	25	16	271
1180	21	17	22	23						30	29	20	295
1190	23	19	24	25								22	305
1200	25	23										23	312
1210	26											26	316

Geopotential at 150 mb

Upper Limit Range - gpDm	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
1280						1		1		1			3
1290						5	4	5	1	3			18
1300						7	10	12	2	7			38
1310				1		10	17	20	10	9			67
1320				5	3	17	21	26	17	12			101
1330		1	3	11	8	21	23	29	24	17			137
1340	5	6	6	14	17	25			26	24	5	1	181
1350	12	8	12	18	18				27	27	17	10	226
1360	17	14	18	20						29	29	17	266
1370	22	16	23	22						30		21	285
1380	24	19										24	293
1390	25	21										25	297

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Geopotential at 100 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
1530								1					1
1540							4	4					8
1550						2	7	6	2	1			18
1560						6	11	12	6	5			40
1570						11	18	18	11	8			66
1580				1	3	14	20	20	15	9			82
1590				10	11	16		23	23	12			115
1600		1	3	15	13	20			25	15			135
1610	5	5	9	18						22	3	1	164
1620	10	8	16	20						24	20	9	208
1630	18	11	20							25	27	16	238
1640	20	15										22	250
1650		16											251

Geopotential of Tropopause

Upper Limit Range - gpDm	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
650						1							1
700		1	1		1					1			5
750	1	2	2	2		2		1			2	1	15
800	2	3	3	3		3			1	2	3	2	24
850	4	5	5	4		5	1	3	2	6	8	3	47
900	5	6	7	5		10	3	4		7	11	4	65
950	7	10	9	8	2		6	9	5	13	15	8	102
1000	9	14	15	15	3	17	13	14	10	19	20	10	159
1050	13	15	19	17	10	22	18	22	16	27	23	15	217
1100	20	16	21	20	12	26	25	30	23	30	25	17	266
1150	21	18	23	22	16	28	29	31	25	31	28	20	292
1200	24	21	25	24	20	29			27		29	21	311
1250	25	23	26	25					28			23	319
1300		24										25	322
1350	26												325
1400													323
1450													323
1500												26	324

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Station Level Pressure

Upper Limit Range - mb	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
950									4				4
955									6	1			7
960									8	5			13
965			4	2					12	8	3		29
970			5	7					32	14	11		69
975			7	30	7	8		5	44	21	12		134
980			17	57	18	28		14	74	62	14	3	287
985		7	31	91	34	55		36	98	119	35	12	518
990		14	54	125	86	69	6	77	123	145	75	46	820
995		22	83	138	121	88	38	118	146	155	114	79	1102
1000			110	145	142	111	98	144	150		133	127	1337
1005			119		152	132	134	149			144	151	1453
1010			124		155	146	148	155			150	155	1505
1015						150	153						1514
1020							155						1516

Maximum Temperature

Upper Limit Range - °F	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
-13							1	3					4
-12							4	5	4				13
-11							5						14
-10							8	8					20
-09								9	6				23
-08					1			10					25
-07				1	2			11					28
-06									7				29
-05					3	1	9	12	8				34
-04					5	2	10	12	11				41
-03					6	3		15	13				48
-02				2	7		11		15				53
-01				4	8	4	12		16	3			62
-00				5	9				17	4			66
+01				8	10		13	16	19				74
+02				10	11	05	15	17					81
+03				11	13	06		18	20	05			88
+04				15	15	07		20	21	07			100
+05				17	18		16		22	08			108
+06				18	20			23	24				116
+07				20		8		24	26	10			124
+08				22	21	11							130
+09				26		12	17		27	13			140
+10				27	22	14	18	25		15	1		149
+11				28	23	15	19	27		17			157
+12				29	25	16	20		28	19			165
+13			1						29				167
+14			2			17	21	28		21			173
+15			3		26	20	22		30	25			184
+16				30	27	22				27	2		191
+17			7		28	23	23	29					199
+18			9		29	25					3		205
+19			10			26	24	30		28			210
+20			11			27	25			30	4		216
+21					31			31		31	6		222
+22			13				26				7		246
+23			14			28					9		230
+24			18			29					11		237
+25			21				28						242
+26			24								14		248
+27			26			30	29				16		254
+28			27				30						256
+29											17		257
+30												1	258
+31			28								19	2	262
+32			31								20	2	266
+33											21	6	271
+34											22	11	277
+35							31				23	13	281
+36											25		283
+37											29	16	290
+38												18	292
+39											30	19	294
+40												22	297
+41												25	300
+42												27	302
+44												29	304
+45												31	306

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Minimum Temperature

Upper Limit Range - °F	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
-22									2				2
-21							1						3
-20									4				5
-19							4	1	5				10
-18								4	7				15
-17					1		5	7	11				24
-16					2		8	12	12				34
-15							9		13	1			37
-14				1	3	1	10	14	14				44
-13					7	2	12	15		2			53
-12					8	4	15		16	3			62
-11				2		5			17	5			67
-10				3	10	9	16	16	18				77
-09				6			17	17					82
-08				8	11		18	18	20				89
-07				12	13	10		20		6			99
-06				15	14				23				106
-05				19	18				24	8			117
-04				20	20	11	19		25		1		124
-03				23	21	14			26	9			133
-02				24				22	27	11			139
-01				25		15	20	24		14			147
-00					24				28				151
+01				26		16				16			155
+02				27	26	17				19	2		163
+03			1					26		20			167
+04			3	27		19	22						173
+05				28	27			27	29	23	3		181
+06			5	29		21				24			187
+07			8	30		22			30	26			195
+08			10			23		28		27	4		201
+09			12		29	24	24						208
+10			14				25	29		28			213
+11					30	26		30		30	6		221
+12			15		31		27			31	7		227
+13			19								10		234
+14							28				12		237
+15			20			27	29	31			12		241
+16			21			28					12		243
+17			22			29					13		246
+18			24				30				18		254
+19			25			30					18		256
+20			27								20	1	261
+21			30				31				21	4	269
+22											23	5	272
+23											24	10	278
+24											25	12	281
+25												15	284
+26											26	16	286
+27											27	18	289
+28											29	20	293
+29												21	294
+30												24	297
+31											30	27	301
+32												29	303
+33												31	305

Screen Temperature V Frost Point Depression

		Frost Point Depression																
	°F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	14	Total
Feb.	+ 6											1						1
	+12									1								2
	+14										1	2						4
	+15										2							5
	+16												1					6
	+17											3						7
	+18										3	4		1		1		11
	+19													2	1			13
	+22											5		3				15
	+23												2	4				17
	+24											05				2		18
	+25											05			2			19
	+26											05					1	20
	+27											06						21
	+29											06				3		22

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Screen Temperature V. Frost Point Depression

Frost Point Depression

	°F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	14	Total
Mar.	+ 4											1						1
	+ 7						1			2			1					2 5
	+ 8						2			3	2	3			1			1 2
	+ 9				1		3				3		2	1				1 6
	+ 10				2						5		5	2				2 4
	+ 11											4	8		2			2 9
	+ 12								2				10		3			3 4
	+ 13							1						5		1		3 9
	+ 14										6	7	12	6		2		4 7
	+ 15								3		7	8			5	3		5 3
	+ 16											9	13	6				5 5
	+ 17									4			14	8		4		6 0
	+ 18														7			6 5
	+ 19	1		2										09			1	7 0
	+ 20	2			3							10					2	7 9
	+ 21	5				2					8		16				3	8 7
	+ 22	6		3		3			4			11		10	8			9 4
	+ 23	7		5	4				5				17	11				9 8
	+ 24	7						2			9			12	9			11 2
	+ 25	8	2	8		4			6	5	10	12		13	10	5		11 6
	+ 26		4								11	13						11 9
	+ 28							3				14				6		12 3
	+ 29							4			13			14				12 4
	+ 30										14							

Apr.	− 13				1													1
	− 10				3													3
	− 8			1	4			1		3								9
	− 7					1			1		1		1					13
	− 6		1						2	5		1						18
	− 5	1		2	7			2				2	4					28
	− 4	2			8			3		7	5	4	5	1				41
	− 3			3		2	1				6	6	6		1			49
	− 2	3			10			5			9	8						59
	− 1	4			12	3		6			10	10	8	2		1		71
	− 0	5		4	13		3	7	3			13			2			82
	+ 1								7		13	19	9			2		97
	+ 2	6	2	5					8			20						102
	+ 3				14			6		8						3		106
	+ 4						4					21			3	4		110
	+ 5	7			17	4				9	14							117
	+ 6				19	5		9								5		122
	+ 7	9			21				10					3				129
	+ 8							10						4	4			132
	+ 9											22					1	134
	+ 10					6				10		23	10	5				139
	+ 11							12				2			5			142
	+ 12														6			143
	+ 13														7			144
	+ 14													6				145

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Screen Temperature V Frost Point Depression

Frost Point Depression

	°F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	14	Total
May	-15												1					1
	-14									2								3
	-13		1								1		2					6
	-12						1	1										8
	-11						2				3	4		1				16
	-10									5	6		4					24
	-09			1		02				6	8	5						31
	-08				1	02				7	10							35
	-07					02						6						36
	-06					03				9		7						40
	-05			2	2	03			02	10		8	5					47
	-04				3	03	3	2	05	12	12							57
	-03					03		3	07	13		11	6					65
	-02					03			07	14	14	12						69
	-01					03			07	15	16				1			73
	-00					03	5		09		19	13						81
	+01					03	6	4	09	16	21							86
	+02					03	7		11	18	22	15	7	2				96
	+03					03		5	12	19	25	16	9					105
	+04					03			12	20			11	3				109
	+05					03		6		21		18		4	2			115
	+06					03					26			5				117
	+07					04				22			13		3	1		123
	+08					04				23	26							124
	+09					05								6				126
	+10					05				24			14	7			1	130
	+11												16	8	4	2		135
	+12	1			4										5	3		139
	+13												17			4		141
	+14											19				5	3	145
	+15									25		20	19	9		6		151
	+16													10	6			153
	+18																4	154
	+21																5	155

	°F																	
Jun.	-13									1			1					2
	-11								1									3
	-10			1					2		4		2					10
	-09							1										11
	-08			2					3			1			1			15
	-07							2	4	2	5	3						21
	-06				1					4			3					25
	-05								6									27
	-04								7		6			3				32
	-03						1				7							34
	-01									6	9		4	6	2	1		44
	-00			3				3										46
	+01									7		5						49
	+02							4										50
	+03					1						6	7	10				59
	+04							5						11				61
	+05			4							10	7			5			67
	+06									8			8	12	6			72
	+07	1								10			9	13				77
	+08		1						8			9		14		2	1	83
	+09	3								11					7		3	89
	+10	4		5								10	10				4	94
	+11													15	8	3	6	99
	+12	7					2								9	4		105
	+13	8	2	6	2					12							7	111
	+14	9					3					11	11		10		9	118
	+15	11					4	6				12			11	5		125
	+16														13		10	128
	+17	16																133
	+18	22																139
	+19	24																141
	+20	25										13						143
	+22	28																146
	+23	31																149
	+24							7										150

FREQUENCY ANALYSES MAWSON 1954

Screen Temperature V Frost Point Depression

Frost Point Depression

	°F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14 > 14	Total
Jul.	- 19													2			2
	- 18										1						3
	- 17									1		4					6
	- 16							1		3		5					12
	- 15								1		4	6	4		1		22
	- 14											8		5			27
	- 13						1				7		6				33
	- 12						2		2			9	11	5			41
	- 11				1				4	4		11		6			48
	- 10			1							8						50
	- 09							2						7			52
	- 08			2				4		6							57
	- 07							5	8	7				8			64
	- 06							6		8							66
	- 05				3							12				1	70
	- 04				4	1			10		9						75
	- 03					2				9			12	9			79
	- 02	1									10						81
	- 01									10		13			2		84
	+ 00						3			11					3		87
	+ 01									12							88
	+ 02													10			89
	+ 05			3				7							4		92
	+ 06								11	13							94
	+ 07									14							95
	+ 08						5			15		14				2	100
	+ 09										11						101
	+ 10	2					6					15	13				105
	+ 11									16	13		14				109
	+ 12	3									15					1	113
	+ 13		1						12				15	12		4	120
	+ 14										16						121
	+ 15					4						16				5	125
	+ 16													13		2	127
	+ 17												16	14	5		130
	+ 18													15	6		132
	+ 19											17			7		134
	+ 20														9	3	137
	+ 21													16		5	140
	+ 22										17				10	6	143
	+ 23															7	145
	+ 24														12	9	149
	+ 26															11	151
	+ 27															12	152
	+ 28															14	154
	+ 30															15	155

Aug.	- 18								1								1
	- 17									4							5
	- 16					4		4		6		4					19
	- 15						1	5	3	6	1		3				27
	- 14								6	9		6		1			36
	- 13							6	7	10		7	6				45
	- 12				1				8		3		7		1		49
	- 11				3	5	2			11		8					55
	- 10	1			4	6					4		8				60
	- 09											10	9				63
	- 08	3					3		10		4	11					69
	- 07	4	1						12								73
	- 06							7			5		10				76
	- 05				5		04				6			2			80
	- 04	5							14	12					2		85
	- 03		2	1			5							3			89
	- 01											14					92
	- 00	6				7					7		12				97
	+ 01								16		8	16				1	103
	+ 02		3							14		17		5			109
	+ 03										9		14			2	113
	+ 04									15			15	6			116
	+ 05							6	17			18	16	7	3		122
	+ 06							10				19		8			126
	+ 07											20					127
	+ 08										9			9			128
	+ 09									17	10	21					132
	+ 10		4							18		22					135
	+ 11								18					10	4		138
	+ 13						6					23					140
	+ 14											24	17				142
	+ 15													11			143
	+ 16		6				07			20		25					149
	+ 17	07						11					18				152
	+ 18					8									5		154
	+ 19									21							155

FREQUENCY ANALYSES MAWSON 1954

Screen Temperature V Frost Point Depression

Sep.	°F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14 > 14	Total
	− 22							1									1
	− 21											1					2
	− 20									1		2					4
	− 19						2										6
	− 18								1				1				8
	− 17					1				2							10
	− 16			2						5	1	3					17
	− 15			4			4		3		2		4				27
	− 14			6						8	3	5					35
	− 13					2		2		11			6				42
	− 12								6		4	6					47
	− 11						4		7	13	6						52
	− 10								8		7				1		55
	− 09				1				11	15	8	7	7	1			65
	− 08							3		16		8					68
	− 07						5		13	17	11	9					76
	− 06								14		12	10					79
	− 05								15	18	14	13					86
	− 04						6		16		15	14					90
	− 03				2			4	17	21	19						100
	− 02					4		5		23			8				106
	− 01								18			16					109
	− 00							6	19								111
	+ 01		1	7			7		20	24			09		2		118
	+ 02			8			8				20		10				122
	+ 03						10	8		26	21						129
	+ 05							9				17	11		3		133
	+ 06									27							134
	+ 07				3				21			18					137
	+ 08								23								139
	+ 09				4			10									141
	+ 10														4		142
	+ 11				5				24	28				3			147
	+ 12													4			148
	+ 13														5		149
	+ 14													5			150

Oct.	°F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14 > 14	Total
	− 13										2						2
	− 11			1						1							4
	− 10									2	4		1				8
	− 08									3			2				10
	− 07										5		4				13
	− 06										6						14
	− 05								1				6				17
	− 04	1								4		1		1			21
	− 03	2								5	8		8				27
	− 02									6		2					29
	− 01	3						1	2	8		3					35
	− 00				2		1										38
	+ 01									10			9	2	1		43
	+ 02									13	9	4	10				49
	+ 03	4		2			3	3		17	10	5	11				62
	+ 04			4								7	12				67
	+ 05	5						5			11						71
	+ 06						4	6		19			14		2	1	79
	+ 07	6					5	7					16	6			88
	+ 08	7				2				21	13		17	8	3		99
	+ 09	9	1					8					19	9	4		107
	+ 10	11											22	10			113
	+ 11		2									8	24	12			119
	+ 12									23	15	10		13		1	127
	+ 13	12			3	3			4			12		15	6		138
	+ 14			5				9		24							141
	+ 15								5		16		25		7		145
	+ 16											13		16			147
	+ 17									25			27	17			151
	+ 18									26		14					153
	+ 20											15				2	155

FREQUENCY ANALYSES MAWSON 1954

Screen Temperature V Frost Point Depression

Frost Point Depression

	t_D	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	> 14	Total
Nov.	− 0 4											1						1
	+ 0 2												1					2
	+ 0 4														1			3
	+ 0 5														2			4
	+ 0 6									1				1				6
	+ 0 9													3				8
	+ 1 0													4				9
	+ 1 1								1									10
	+ 1 2												2					11
	+ 1 3	2											3	5	3	1	1	18
	+ 1 4	4		1							1		4					23
	+ 1 5										2	2		7	6	3		32
	+ 1 6														8		2	35
	+ 1 7										3		5		9		4	40
	+ 1 8				1									8	10			43
	+ 1 9					1				2	4		7	11	11		6	54
	+ 2 0	6	1		2									12			8	61
	+ 2 1	8	2					1					8			4		67
	+ 2 2	08											9		14		9	72
	+ 2 3					2			2			3	12	13	17	6		84
	+ 2 4														18	7	11	88
	+ 2 5			2		3				3		4				8	14	96
	+ 2 6			3												10		99
	+ 2 7				3	4											16	103
	+ 2 8				4			2						14			21	111
	+ 2 9						1							15	19	11	23	117
	+ 3 0												13	16	20		25	122
	+ 3 1												14		21		27	126
	+ 3 2									4			16	17		12	29	133
	+ 3 3													18	22		31	137
	+ 3 4										5						33	140
	+ 3 5												18				36	145
	+ 3 6											5	19					147
	+ 3 7																37	148
	+ 3 8																38	149
	+ 3 9																39	150
Dec.	+ 2 1													1			1	2
	+ 2 2												1		1			4
	+ 2 3														2			5
	+ 2 4					1						1				2	2	10
	+ 2 5		2						1		1		2			4	3	18
	+ 2 6				1	2									4	5	4	24
	+ 2 7								2				3		5	7	6	31
	+ 2 8				3	4						2	5	3	6			41
	+ 2 9						1		3		3	3					8	48
	+ 3 0				4	6			4			4			8	10		58
	+ 3 1			2							4	5	7	4	9	11	10	69
	+ 3 2						2	1	5	1	5		8			12	12	78
	+ 3 3						3	3				6	12	5		14	15	92
	+ 3 4								6		6	8		6	12		17	102
	+ 3 5							4	7			9			16	15	20	113
	+ 3 6												13	7		17	21	118
	+ 3 7									3	08		16		19	19	24	133
	+ 3 8													10			25	137
	+ 3 9												17			20	30	144
	+ 4 0													11			32	147
	+ 4 1																36	151
	+ 4 2																39	154
	+ 4 3																40	155

FREQUENCY ANALYSES MAWSON 1954

Direction and Speed of Surface Wind

	Direction x 10^0			1-9	10-19	20-29	30-39	40-49	≥ 50	Total
Feb.	35	36	01							
	02	03	04							
	05	06	07							
	08	09	10							
	11	12	13							
	14	15	16	1	9					10
	17	18	19	2	7					9
	20	21	22		1					1
	23	24	25							
	26	27	28	1						1
	29	30	31							
	32	33	34							
	No. of Calms 1			4	17					21
Mar.	35	36	01							
	02	03	04							
	05	06	07							
	08	09	10							
	11	12	13							
	14	15	16	3	19	25	13	6	1	67
	17	18	19	12	29	10	5			56
	20	21	22							
	23	24	25							
	26	27	28	1						1
	29	30	31							
	32	33	34							
	No. of Calms 0			16	48	35	18	6	1	124
Apr.	35	36	01							000
	02	03	04	1						1
	05	06	07	1	2					3
	08	09	10	1						1
	11	12	13	1	5	3				9
	14	15	16	19	29	8	6	3		65
	17	18	19	18	23	7	1			49
	20	21	22	6						6
	23	24	25	1						1
	26	27	28							000
	29	30	31							000
	32	33	34							000
	No. of Calms 10			48	59	18	7	3		135
May	35	36	01							
	02	03	04	1						1
	05	06	07		1					1
	08	09	10							
	11	12	13		8	18	13	7	1	47
	14	15	16	6	30	33	6	1		76
	17	18	19		2	4	3			9
	20	21	22							
	23	24	25							
	26	27	28							
	29	30	31							
	32	33	34							
	No. of Calms 21			7	41	55	22	8	1	134

FREQUENCY ANALYSES MAWSON 1954

Direction and Speed of Surface Wind

	Direction x 10°			1-9	10-19	20-29	30-39	40-49	≥ 50	Total
Jun.	35	36	01							
	02	03	04							
	05	06	07	1						1
	08	09	10					9		9
	11	12	13		10	18	8	13	6	55
	14	15	16	5	20	21	4			50
	17	18	19	2		1				3
	20	21	22							
	23	24	25							
	26	27	28							
	29	30	31							
	32	33	34							
	No. of Calms 35			8	30	40	12	22	6	118
Jul.	35	36	01							000
	02	03	04							000
	05	06	07							000
	08	09	10	1	2					003
	11	12	13	0	4	18	26			48
	14	15	16	6	22	29	9	5	1	72
	17	18	19	4						4
	20	21	22		1					1
	23	24	25							000
	26	27	28							000
	29	30	31							000
	32	33	34							000
	No. of Calms 27			11	29	47	35	5	1	128
Aug.	02	03	04							
	05	06	07							
	08	09	10	1		1				2
	11	12	13	0	12	43	14	11		80
	14	15	16	7	20	11				38
	17	18	19							
	20	21	22							
	23	24	25							
	26	27	28							
	29	30	31							
	32	33	34							
	35	36	01							
	No. of Calms 32			8	32	55	14	11		120
Sep.	35	36	01							
	02	03	04							
	05	06	07	1						1
	08	09	10	1						1
	11	12	13	2	26	20	5	6	1	60
	14	15	16	3	19	27	2	4		55
	17	18	19	1						1
	20	21	22							
	23	24	25	1						1
	26	27	28							
	29	30	31							
	32	33	34							
	No. of Calms 31			9	45	47	7	10	1	119

Direction and Speed of Surface Wind

	Direction x 10°			1-9	10-19	20-29	30-39	40-49	≥ 50	Total
Oct.	35	36	01							0
	02	03	04	3						3
	05	06	07	1						1
	08	09	10	2	3	2				7
	11	12	13	6	29	37	14	8	6	100
	14	15	16	3	15	7				25
	17	18	19							
	20	21	22							
	23	24	25	1						1
	26	27	28	1						1
	29	30	31							
	32	33	34							
	No. of Calms 17			17	47	46	14	8	6	138
Nov.	02	03	04	3						3
	05	06	07	2	1					3
	08	09	10	4	8	6	5			23
	11	12	13	2	25	43	11	5	4	90
	14	15	16	1	8	6	2			17
	17	18	19							
	20	21	22	1						1
	23	24	25	1						1
	26	27	28							
	29	30	31	1						1
	32	33	34							
	35	36	01	1						1
	No. of Calms 10			16	42	55	18	5	4	140
Dec.	35	36	01							
	02	03	04	6						6
	05	06	07	8		1				9
	08	09	10	8	7	5				20
	11	12	13	3	33	21	7	2		66
	14	15	16	3	4	6				13
	17	18	19	3						3
	20	21	22	3						3
	23	24	25	3						3
	26	27	28							
	29	30	31	3						3
	32	33	34	1						1
	No. of Calms 28			41	44	33	7	2		127

Speed of Daily Maximum Gust of Wind

Upper Limit Range - knots	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
10						1		1	1			3	6
20						2	1	3		1		5	13
30					4	11	4	8	4	7	2	11	51
40					14	19	9	18	19	15	12	23	129
50					25	22	20	23	24	22	23	30	189
60					27	27	24	28	26	26	26	31	215
70					29	29	27	29	28	28	30		231
80						30	28	31	30	30			239
90							29						240
100										31			241

Results of Surface Observations, Heard Island, January, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	02	9921	38	36	33	05	23	56	8	02	2	7	5	4	2		1								
01	05	9878	38	38	37	02	09	12	8	53	6	8	6	2											
01	08	9872	39	37	34	30	19	48	7	02	6	6	8	4			8								
01	11	9877	41	38	35	30	23	80	7	02	2	7	2	5			7								
01	14	9886	40	37	33	28	22	40	7	02	2	6	8	4	3		6								
01	17	9903	39	36	31	28	23	40	8	02	2	8	8	6			6								
01	20	9921	38	35	31	28	23	40	6	02	2	6	8	5	0	0	6								
01	23	9932	37	35	32	28	19	32	5	02	2	5	8	5	0	0	6			28	42	410	012	43	36
02	02	9917	37	34	29	27	09	40	6	03	1	3	1	4	0	6	6								
02	05	9886	36	35	34	02	07	24	8	03	2	7	6	2	2		8								
02	08	9834	33	33	33	07	14	04	8	70	6	7	6	1											
02	11	9751	34	33	32	08	19	16	8	77	7	8	6	3											
02	14	9654	37	35	32	19	10	32	8	02	2	8	6	5	7		4								
02	17	9606	38	35	31	22	09	32	8	02	2	5	6	6	4	1	4								
02	20	9639	33	33	33	19	38	12	8	86	7	8	6	2			4								
02	23	9704	34	32	30	23	36	48	8	02		8	2	2			5			22	56	371	001	40	33
03	02	9746	35	33	29	26	17	48	8	02	2	8	2	4			5								
03	05	9772	34	33	31	26	17	64	6	01	2	4	2	4	3	0	6								
03	08	9781	36	34	28	26	15	80	4	01	2	2	2	4	4	0	6								
03	11	9795	37	35	31	26	18	80	6	02	8	4	8	4	3	0	6								
03	14	9806	39	36	32	26	15	64	6	02	1	4	8	4	3	0	6								
03	17	9822	38	35	31	25	15	64	5	02	1	5	8	4	0	0	6								
03	20	9830	37	35	32	25	12	81	6	02	8	5	2	4	3	0	6								
03	23	9839	34	33	31	26	06	80	2	01	8	1	1	4	4	0	6			26	49	391	022	39	33
04	02	9853	35	33	31	25	14	80	1	02	8	3	2	4	0	0	6								
04	05	9867	34	33	32	27	14	48	7	03	8	7	2	4			6								
04	08	9879	35	34	32	27	17	48	6	02	8	4	1	4	7	0	6								
04	11	9895	37	36	33	26	22	48	8	25	8	8	8	4			6								
04	14	9920	35	35	34	27	23	48	8	02	8	8	8	4			6								
04	17	9937	37	35	32	26	19	48	8	02	8	8	8	4			6								
04	20	9956	35	34	33	22	17	40	8	26	8	8	2	4			5								
04	23	9968	35	35	34	26	15	48	6	02	8	6	2	4	0	0	5			27	45	357	000	38	34
05	02	9978	35	33	30	25	10	48	2	01	8	1	1	4	4	0	6								
05	05	9974	35	33	30	21	06	81	3	02	0	1	1	4	5	0	6								
05	08	9965	36	36	35	35	03	40	7	03	1	2	6	2	7										
05	11	9948	39	38	37	06	08	40	7	21	2	1	6	2	7		1								
05	14	9931	39	38	37	06	12	40	8	02	2	6	6	2	7		1								
05	17	9907	37	37	36	06	15	32	8	61	2	7	6	2	2										
05	20	9890	37	36	35	06	13	32	8	61	6	7	6	2	2										
05	23	9886	37	36	34	00	00	32	8	02	6	7	6	2	2					25	25	221	002	41	33
06	02	9893	37	36	35	26	04	40	8	02	2	8	6	4											
06	05	9914	36	36	35	04	04	08	8	51	5	8	6	1											
06	08	9933	36	36	36	34	02	06	8	50	5	8	6	1											
06	11	9951	37	37	37	25	06	16	8	50	5	8	6	1											
06	14	9965	40	39	38	22	14	80	7	02	5	1	4	4	3	6	5								
06	17	9973	39	38	37	22	15	64	5	01	1	4	5	4	0	1	5								
06	20	9977	38	37	35	00	00	81	7	02	1	6	5	4	3										
06	23	9970	36	35	33	05	10	80	6	03	1	5	5	4	5	0	7			21	22	171	004	41	35
07	02	9939	36	35	33	04	17	64	8	02	2	8	6	3											
07	05	9887	34	34	34	07	24	08	8	50	2	8	6	2											
07	08	9836	36	35	33	07	26	16	8	69	7	8	6	4											
07	11	9791	40	40	40	07	13	08	8	59	7	8	6	2											
07	14	9786	42	41	40	30	04	32	8	02	5	8	5	4											
07	17	9783	41	40	39	31	09	40	8	02	2	8	5	4			7								
07	20	9773	39	37	34	01	02	40	8	02	2	8	5	4											
07	23	9757	39	37	35	33	13	40	8	02	2	8	5	4						06	47	282	022	44	33
08	02	9743	38	37	35	32	15	40	8	02	6	8	5	4											
08	05	9731	37	36	34	31	14	40	8	02	6	7	5	4	2										
08	08	9713	37	36	35	32	10	40	8	02	8	4	5	4	2		7								
08	11	9691	38	37	35	32	11	40	8	80	8	8	5	4			7								
08	14	9668	38	37	36	29	16	16	8	58	6	8	7	3			7								
08	17	9660	37	36	35	26	16	12	8	61	6	8	7	2			6								
08	20	9687	37	36	36	27	14	08	8	80	6	8	7	1			6								
08	23	9722	37	36	35	22	24	16	8	80	8	8	7	2			6			23	50	363	026	39	36
09	02	9761	36	35	34	26	27	16	8	61	6	8	7	2			6								
09	05	9797	35	34	35	27	23	16	8	68	6	8	7	4			6								
09	08	9808	35	34	33	25	24	16	8	69	7	8	7	4			6								
09	11	9839	36	35	33	25	21	24	8	80	8	8	2	4			6								
09	14	9870	36	35	33	24	17	40	8	25	8	8	2	4			5								
09	17	9898	36	34	33	22	31	32	8	02	8	6	2	4	7	5	5								
09	20	9934	35	33	30	22	34	80	6	01	2	3	8	4	4	4	5								
09	23	9974	36	33	30	22	35	80	7	02	2	7	8	4			5			27	63	555	017	37	34

Results of Surface Observations, Heard Island, January, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	02	0019	34	33	31	22	32	80	7	26	8	7	8	4			5								
10	05	0034	35	34	33	22	32	64	7	02	2	6	8	4	0	1	5								
10	08	0052	36	34	30	22	26	64	7	02	2	6	8	4	0	1	5								
10	11	0067	38	36	32	23	16	80	7	02	2	7	3	5			5								
10	14	0064	39	37	34	32	07	80	8	03	2	8	3	5	1		6								
10	17	0042	35	35	35	06	10	24	8	51	7	8	8	5			7								
10	20	0009	37	36	36	06	09	08	8	53	5	8	8	5											
10	23	9988	44	44	44	22	17	08	8	63	6	8	8	6	2					22	53	412	001	44	33
11	02	9993	45	45	44	22	25	08	8	03	6	8	8	6	2										
11	05	9985	45	43	41	26	26	32	8	25	2	8	8	6	2		6								
11	08	9967	43	42	41	29	10	32	8	25	8	8	8	6	2		6								
11	11	9949	42	41	40	28	12	32	8	50	8	5	8	6	3		6								
11	14	9943	40	40	39	25	15	24	8	53	5	6	8	6	2	2	6								
11	17	9951	38	37	35	26	10	64	8	02	5	2	7	4	5	3	6								
11	20	9961	38	36	33	27	16	80	7	01	2	4	8	4	3	1	6	6	6						
11	23	9976	37	34	29	26	16	80	3	01	2	3	5	4	0	0	6			23	44	577	023	47	37
12	02	9985	37	34	30	27	17	40	6	02	2	4	5	4	0	5	6		7						
12	05	9984	37	34	29	31	25	48	7	02	2	6	2	5		2	7		7						
12	08	9994	37	34	29	28	19	48	8	02	8	8	2	5			6								
12	11	9995	38	35	31	28	26	48	8	26	2	8	8	2			6								
12	14	0006	40	36	29	29	16	48	5	02	8	5	5	2			6								
12	17	0013	39	36	31	29	28	48	5	02	2	5	5	2			6								
12	20	0022	38	35	30	28	26	64	4	02	2	4	2	4			6								
12	23	0020	38	35	31	28	28	48	4	02	2	4	2	4	0	0	6			28	55	497	005	40	34
13	02	0004	38	36	34	28	33	16	8	80	8	8	2	4			6								
13	05	0000	38	37	35	26	22	32	8	25	8	8	2	3			6								
13	08	0030	37	34	29	22	23	64	6	02	8	6	2	4			6								
13	11	0061	37	35	32	27	22	64	7	02	2	7	2	5			6								
13	14	0083	39	36	31	25	23	80	7	02	2	7	2	5			5								
13	17	0096	38	35	31	22	19	80	7	02	2	6	2	4	0	1	5		6						
13	20	0101	37	35	32	22	16	48	8	03	2	5	5	4			5								
13	23	0100	37	37	37	21	10	24	8	68	6	8	5	4			9			28	50	447	010	39	36
14	02	0108	39	38	37	24	16	24	8	26	3	8	5	4			5								
14	05	0106	37	37	36	19	18	16	8	03	8	8	6	1			9								
14	08	0102	39	38	37	24	16	32	8	03	2	5	6	2			5								
14	11	0093	40	39	37	24	23	40	7	05	2	2	6	3	3		6	6							
14	14	0089	43	39	33	23	26	64	5	09	2	3	8	5	0		5		9						
14	17	0082	50	38	10	26	19	80	6	09	2	0	0	9	7	4		6	6						
14	20	0064	40	39	37	28	12	48	8	02	2	5	6	2	7		6	6							
14	23	0053	42	39	34	32	15	80	5	01	2	2	5	4	7		7			23	47	427	001	51	37
15	02	9988	39	37	34	34	07	40	8	02	2	4	5	4	7		7								
15	05	9926	39	39	38	31	07	08	8	63	6	8	8	3			7								
15	08	9895	42	41	40	28	24	08	6	53	6	8	8	3			6								
15	11	9907	39	38	38	26	22	08	8	53	5	8	8	2			6								
15	14	9935	39	35	30	22	30	80	4	02	5	3	5	6	3		6	6							
15	17	9964	37	35	32	22	30	64	5	03	2	5	2	3			5								
15	20	9988	36	35	33	22	08	64	7	03	2	6	2	5	3		5	5							
15	23	0000	36	34	30	26	16	48	6	02	2	6	2	5			5			26	46	409	026	42	36
16	02	9996	36	35	34	26	06	64	7	85	2	7	2	5			6								
16	05	9998	36	33	27	26	12	80	8	02	2	7	5	5			6								
16	08	0000	37	34	29	26	09	80	8	02	2	7	5	5			6								
16	11	9986	38	35	31	31	04	80	8	02	2	8	5	5			6								
16	14	9974	38	37	35	31	04	48	8	02	2	8	5	5			7								
16	17	9956	38	37	35	31	09	32	8	21	6	8	5	4			7								
16	20	9930	37	37	36	31	03	24	8	61	6	8	5	4			7								
16	23	9893	36	37	36	07	09	24	8	62	6	8	5	4						26	30	187	000	39	36
17	02	9849	39	38	37	07	06	24	8	63	6	8	7	3			9								
17	05	9816	41	39	36	28	20	24	8	21	6	7	6	3	3		6	6							
17	08	9829	40	39	37	28	26	32	8	03	6	7	2	4			6								
17	11	9844	41	39	36	28	22	40	8	02	2	7	2	4			6								
17	14	9856	42	40	37	27	24	40	5	25	2	4	2	4	3		6	6							
17	17	9863	40	38	35	28	21	24	8	02	8	8	2	4			6								
17	20	9874	39	38	36	28	16	32	8	25	8	8	2	4			6								
17	23	9871	39	38	36	29	14	32	8	02	2	8	2	4			6			28	45	397	032	43	38
18	02	9865	38	37	36	27	15	40	8	02	8	8	2	4			6								
18	05	9863	38	37	35	29	16	32	8	80	8	8	2	4			6								
18	08	9869	39	37	34	28	23	40	8	02	8	8	8	4	2		6	6							
18	11	9882	41	39	36	26	14	64	6	25	2	6	8	5			6								
18	14	9906	40	38	35	26	18	48	7	03	2	2	2	5			6								
18	17	9918	39	37	34	27	16	48	7	03	2	7	8	5			6								
18	20	9920	38	36	33	27	20	32	8	65	2	7	8	4			6								
18	23	9910	34	34	33	29	08	08	8	71	7	8	6	2						28	41	351	002	42	34

Results of Surface Observations, Heard Island, January, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	02	9884	37	36	35	29	11	40	8	26	7	8	2	4			6								
19	05	9896	38	36	33	28	26	56	8	25	8	8	2	4			6								
19	08	9921	38	36	33	29	19	64	7	02	8	6	2	4	3		6								
19	11	9937	40	38	35	26	19	64	7	02	8	7	2	5			6								
19	14	9950	41	38	34	29	18	64	7	02	2	7	2	5			6								
19	17	9960	39	37	35	28	22	40	8	02	2	8	2	5			6								
19	20	9954	37	36	34	26	15	24	8	69	6	8	7	3	2		6								
19	23	9944	37	35	32	27	17	40	7	21	6	6	2	4	3		6	5		27	49	411	027	42	34
20	02	9942	37	35	33	28	16	64	7	02	8	5	2	4	3	1	6	6							
20	05	9941	36	35	32	24	10	80	5	02	8	2	8	4	5	0	6	6							
20	08	9946	37	36	33	24	09	64	7	03	2	6	8	4	3		6								
20	11	9935	40	37	33	29	06	80	7	02	2	5	8	4	3		6	5							
20	14	9905	39	38	37	01	03	40	8	03	2	4	8	4	7		8	8							
20	17	9829	37	37	37	05	13	16	8	61	6	8	6	3											
20	20	9734	35	35	35	07	16	10	8	69	6	8	6	3											
20	23	9695	39	39	38	28	22	16	8	21	6	8	7	3			6			27	36	262	010	41	35
21	02	9690	38	37	35	28	17	24	8	53	5	8	7	3			6								
21	05	9680	36	35	36	26	10	08	9	47	5	8	6	0											
21	08	9743	36	35	34	19	31	64	8	81	8	8	2	4			4								
21	11	9824	36	35	33	20	33	48	8	26	8	8	8	4			4								
21	14	9974	37	36	34	22	31	64	6	03	8	6	2	4			4								
21	17	9904	37	35	32	22	26	64	8	87	2	8	8	5			4								
21	20	9935	34	34	34	22	17	64	7	70	8	7	8	4			4								
21	23	9976	32	32	32	22	23	80	7	26	8	7	8	4			4			22	51	581	057	40	32
22	02	0006	35	34	32	23	23	48	7	02	8	7	8	4			5								
22	05	0026	35	34	32	22	28	48	7	27	8	7	2	4			4								
22	08	0055	35	35	35	22	26	80	7	02	8	7	8	4			4								
22	11	0077	38	36	33	22	25	80	6	02	2	6	2	5			5								
22	14	0098	36	36	36	22	16	64	8	87	2	8	2	4			5								
22	17	0115	37	36	34	27	15	48	8	03	8	8	2	4			5								
22	20	0128	37	36	34	27	15	48	8	25	2	8	2	4			6								
22	23	0142	37	37	37	27	16	32	8	80	8	8	2	4			6			22	49	430	001	39	32
23	02	0171	36	36	36	22	20	32	8	25	8	8	2	4			5								
23	05	0174	36	35	33	22	22	80	7	02	2	7	8	4			5								
23	08	0190	37	35	32	20	13	80	7	02	2	7	5	5			5								
23	11	0205	39	38	36	26	08	82	6	02	1	3	5	4	3	0	5	6							
23	14	0205	41	40	38	25	08	81	8	02	2	3	5	4	3	8	5	6	6						
23	17	0196	40	39	38	31	04	80	8	02	2	5	5	4	3		6								
23	20	0187	38	38	38	32	03	32	8	61	6	3	5	4	2		6								
23	23	0168	38	38	38	35	10	64	8	21	6	6	5	4	2		6			22	36	295	005	42	36
24	02	0140	37	36	36	07	08	64	8	02	2	8	5	4											
24	05	0096	39	39	39	05	12	10	8	50	5	8	6	3											
24	08	0056	41	41	41	03	11	06	8	63	6	8	6	2											
24	11	0029	41	41	41	27	02	06	8	59	6	8	6	2											
24	14	0022	40	39	37	19	16	40	7	03	2	5	5	4	7	6	5		7						
24	17	0018	40	38	35	25	10	48	7	02	2	4	8	4	3		5	6							
24	20	0007	40	37	33	29	11	48	7	02	2	3	8	4	4	4	6		7						
24	23	9991	38	36	32	30	09	40	7	02	2	7	5	4			6			23	32	195	025	42	36
25	02	9974	38	36	33	27	13	40	8	02	2	8	8	4			6								
25	05	9947	37	35	32	29	25	81	7	80	8	7	8	5			7								
25	08	9940	38	36	33	28	26	80	8	25	8	6	2	4	1		7	6							
25	11	9927	40	37	34	27	28	81	6	02	8	5	2	4	3		6	6							
25	14	9921	40	37	34	28	24	81	8	02	2	8	2	4			6								
25	17	9911	39	36	32	27	24	80	8	02	8	8	2	4			6								
25	20	9897	37	35	32	27	22	80	8	02	8	8	2	4			6								
25	23	9879	37	35	32	27	25	64	8	80	8	8	2	4			6			27	43	488	030	42	36
26	02	9877	37	35	32	27	20	81	7	25	8	7	2	4			6								
26	05	9882	36	35	33	25	22	80	8	02	2	8	5	4			6								
26	08	9885	37	36	34	25	20	80	8	25	8	8	8	4			6								
26	11	9893	37	36	34	27	22	80	8	02	2	8	8	4			6								
26	14	9893	35	34	31	28	20	64	8	70	2	8	8	4			6								
26	17	9890	36	33	29	20	26	80	7	15	2	6	2	4	3		6								
26	20	9895	34	32	28	27	20	81	8	02	2	3	8	4	7	2	6								
26	23	9891	33	32	31	22	26	81	6	02	8	3	2	4	7		6			22	50	358	004	40	32
27	02	9904	32	32	32	20	26	08	8	71	7	8	2	4											
27	05	9919	32	31	29	22	28	32	7	02	8	8	8	4	4		5								
27	08	9944	36	33	28	22	27	40	8	02	8	8	2	4			5								
27	11	9965	37	34	29	22	28	40	7	02	2	7	8	4			5								
27	14	9992	38	36	33	23	22	48	7	02	2	6	8	5	4		5								
27	17	0011	37	36	34	29	18	40	8	02	2	8	5	4			5								
27	20	0025	37	35	33	22	17	40	8	25	8	8	5	4			5								
27	23	0026	37	36	35	20	09	32	8	58	6	8	5	4						22	54	465	001	38	32

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	02	0016	39	38	37	24	16	08	8	59	6	8	6	2										
28	05	0036	38	38	38	23	21	24	8	10	4	8	6	1			5							
28	08	0046	38	38	38	23	20	24	8	10	4	8	6	0			5							
28	11	0067	39	39	38	20	17	32	8	10	4	8	6	1			5							
28	14	0083	40	39	39	20	16	40	8	10	4	8	6	2			5							
28	17	0097	39	39	39	21	14	24	8	10	4	8	6	1			5							
28	20	0089	41	41	41	33	02	80	8	02	4	8	6	3			6							
28	23	0079	39	39	38	02	10	80	7	02	2	7	6	4			7			21	31	537	017	42	37
29	02	0042	41	40	38	02	12	80	7	02	2	5	6	4			8								
29	05	9963	42	42	42	06	22	24	8	61	6	8	0	4	2										
29	08	9898	42	42	42	06	16	08	8	51	6	8	0	4	2										
29	11	9857	42	42	42	34	06	06	8	45	4	8	6	0											
29	14	9888	42	42	42	28	25	12	8	10	4	8	6	4											
29	17	9905	40	38	35	30	22	64	8	02	2	8	5	4			6								
29	20	9890	39	37	34	29	25	81	8	02	2	8	5	4			7								
29	23	9875	38	36	33	29	25	81	4	01	2	4	5	4			7			30	54	353	013	45	37
30	02	9863	38	35	30	29	25	81	2	01	1	2	5	4			7								
30	05	9853	36	35	33	28	33	24	8	25	8	5	2	4	2		6								
30	08	9856	38	36	33	28	34	40	8	02	2	5	7	4	2		7								
30	11	9866	40	35	29	30	40	48	7	02	2	7	8	5			7								
30	14	9877	39	36	32	30	36	40	8	25	2	8	2	4			7								
30	17	9887	38	35	30	30	35	32	8	02	8	8	2	4			7								
30	20	9916	38	35	31	30	32	32	8	25	8	8	2	4			7								
30	23	9939	38	35	30	29	26	40	8	02	2	8	2	4			7			29	65	645	005	41	35
31	02	9959	37	34	30	30	17	48	7	02	2	7	2	4			6								
31	05	9945	37	36	34	22	05	81	7	02	2	5	5	4	3		5	6							
31	08	9927	35	35	35	21	08	32	8	68	6	8	6	4			5								
31	11	9913	36	36	36	00	00	80	8	02	6	8	6	4			6								
31	14	9904	38	38	38	22	05	80	7	02	2	7	6	3			5								
31	17	9926	36	35	33	20	20	82	7	02	1	6	5	5	3		5								
31	20	9970	36	35	33	21	20	82	4	02	1	4	5	6			5								
31	23	9999	36	35	33	22	20	82	5	02	8	5	5	5			5			23	36	323	003	40	34

Results of Surface Observations, Heard Island, February, 1954

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	02	0017	36	33	30	22	22	82	6	26	8	6	8	5			5								
01	05	0026	36	35	32	27	10	80	8	02	8	8	5	4			5								
01	08	0016	38	37	36	29	18	64	8	80	8	8	8	4			5								
01	11	0016	39	39	39	29	23	40	8	02	8	8	5	4			6								
01	14	0026	40	39	37	25	15	81	8	02	2	8	8	4			6								
01	17	0026	38	37	36	25	10	81	8	02	2	8	8	4			6								
01	20	0023	37	37	37	23	08	80	8	25	8	8	8	4			6								
01	23	0021	38	37	34	27	18	81	8	02	2	8	8	4			6			30	38	516	003	41	34
02	02	0028	38	37	36	29	20	81	8	02	2	8	5	4			6								
02	05	0041	37	36	34	27	13	40	8	25	8	5	5	5			5								
02	08	0051	38	36	34	28	10	48	8	02	2	8	8	4			6								
02	11	0062	40	37	31	30	16	40	7	02	2	7	8	4			6								
02	14	0065	40	37	34	30	23	40	8	02	2	8	8	4			6								
02	17	0065	40	37	34	29	24	48	7	02	2	7	8	5			6								
02	20	0069	39	36	32	29	25	40	7	02	2	7	8	5			6								
02	23	0078	38	36	33	29	22	40	8	02	2	8	8	4			6			30	38	572	005	42	35
03	02	0074	37	37	36	29	15	40	8	80	2	8	2	4			6								
03	05	0060	38	37	36	29	10	80	8	80	2	8	8	4			7								
03	08	0045	38	37	36	29	12	81	7	02	2	5	5	4	3		7	6							
03	11	0054	40	39	37	29	18	82	8	02	2	6	6	4	3		6								
03	14	0025	41	38	35	26	12	82	7	02	8	7	2	4			6								
03	17	0024	38	36	33	22	20	82	6	02	2	6	2	4			5								
03	20	0034	36	34	31	22	20	82	6	02	1	6	2	4			5								
03	23	0044	36	35	34	23	15	82	8	02	2	8	2	4			5			29	33	558	001	42	36
04	02	0050	36	35	33	22	23	82	4	02	1	4	2	4			5								
04	05	0063	35	33	29	22	18	81	7	03	8	6	8	4	3		5	6							
04	08	0067	36	34	31	27	12	81	8	03	2	8	8	4			5								
04	11	0072	37	35	32	22	20	81	7	02	8	7	8	4			5								
04	14	0077	37	35	32	29	16	81	7	02	2	6	8	4	3		5								
04	17	0071	37	35	32	22	05	81	8	02	2	8	8	5			5								
04	20	0067	36	35	34	20	07	81	8	26	8	8	8	5			5								
04	23	0072	35	35	34	21	07	24	8	61	6	8	6	4						26	30	269	000	40	35
05	02	0071	36	36	36	22	17	24	8	61	6	8	6	4											
05	05	0086	35	35	34	20	17	48	7	02	6	5	8	4	4		4								
05	08	0102	37	35	33	23	25	80	4	02	2	4	2	4			5								
05	11	0129	38	36	33	24	16	80	6	02	2	6	2	4			5								
05	14	0149	38	35	30	23	11	48	8	03	2	7	5	4	4		5								
05	17	0151	38	36	35	22	11	48	7	02	2	6	5	4	4		5								
05	20	0167	37	37	37	20	09	40	8	02	2	8	5	4			5								
05	23	0148	37	37	37	25	05	40	8	02	2	8	5	4			5			23	32	290	014	41	34
06	02	0145	37	37	36	22	09	32	8	61	6	8	5	4											
06	05	0120	38	38	38	00	00	48	8	51	5	8	6	4											
06	08	0106	39	39	39	22	12	08	8	50	5	8	6	1			5								
06	11	0112	41	41	41	22	15	24	8	50	5	8	6	3			5								
06	14	0111	44	43	42	19	18	80	7	02	2	7	8	4			5								
06	17	0111	42	42	41	21	20	02	9	47	4	8	6	0											
06	20	0087	42	42	42	23	25	04	9	45	4	8	6	0											
06	23	0065	45	44	43	29	32	80	8	02	4	8	5	4			7			24	49	324	011	50	37
07	02	0033	46	45	44	29	32	80	8	02	2	8	8	4			7								
07	05	9959	39	39	39	00	00	06	8	51	5	8	6	3											
07	08	9889	45	45	44	29	20	04	8	61	6	8	6	3											
07	11	9905	40	40	39	24	35	16	8	50	5	8	6	3											
07	14	9996	38	37	36	23	42	40	8	02	2	8	5	4			5								
07	17	0033	38	37	36	28	28	40	8	02	2	8	5	4			5								
07	20	0042	39	38	37	27	25	40	8	02	2	8	5	4			6								
07	23	0045	39	38	37	28	20	40	8	50	6	8	5	4			6			24	54	474	071	49	38
08	02	0059	38	38	37	28	20	40	8	50	5	8	5	4			6								
08	05	0018	38	37	35	27	16	40	8	02	2	8	5	4			6								
08	08	0006	38	37	35	26	16	48	8	25	8	7	8	4	7		6								
08	11	0002	38	37	36	26	17	40	8	02	8	8	5	4			6								
08	14	9995	39	38	37	25	19	48	7	01	2	7	8	4			6								
08	17	9984	37	37	36	27	22	24	8	83	2	8	5	3			6								
08	20	9976	37	36	35	27	22	40	8	02	2	8	8	4			6								
08	23	9978	35	35	34	24	24	40	8	02	8	8	5	4			5			23	47	371	008	39	34
09	02	9990	35	33	29	23	30	32	8	02	2	3	2	4	2		5								
09	05	0000	36	33	30	21	40	81	7	02	8	7	5	5			5								
09	08	0010	36	34	32	22	38	81	8	02	8	8	8	5			5								
09	11	0023	36	34	30	22	30	81	8	25	8	8	8	4			5								
09	14	0038	36	35	34	25	22	24	8	81	8	8	2	4			5								
09	17	0039	37	35	33	24	30	81	8	02	2	8	2	4			5								
09	20	0048	36	35	34	24	30	81	6	02	1	6	8	4			5								
09	23	0053	34	34	33	23	30	81	7	27	1	7	2	4			5			23	52	609	001	38	32

Results of Surface Observations,
Heard Island, February, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
10	02	0053	35	34	33	23	28	81	7	02	2	7	2	4			5								
10	05	0065	35	34	33	22	28	81	8	02	2	8	5	4			5								
10	08	0075	36	35	34	22	23	81	8	02	2	8	5	4			5								
10	11	0079	35	35	34	21	20	81	8	02	2	8	8	4			5								
10	14	0086	37	36	35	21	12	64	8	70	2	8	8	4			5								
10	17	0089	36	36	36	24	14	80	8	02	2	8	8	4			5								
10	20	0092	36	36	36	21	10	80	8	02	2	8	8	4			5								
10	23	0092	37	37	37	22	06	80	8	02	2	8	5	4			5			23	40	377	000	38	33
11	02	0095	37	37	37	21	10	48	8	50	5	8	5	4											
11	05	0095	37	37	37	22	13	04	8	55	5	8	6	0											
11	08	0092	37	37	37	22	15	06	8	51	5	8	6	0											
11	11	0091	38	38	38	22	19	10	8	50	5	8	6	0											
11	14	0093	39	39	39	20	17	16	8	50	5	8	6	2											
11	17	0086	38	38	38	22	21	24	7	01	5	7	6	3			5								
11	20	0082	39	38	37	22	16	80	7	01	2	4	6	3	4	1	5		6						
11	23	0062	43	40	35	20	17	48	5	02	0	3	6	3	4		5			22	45	351	003	44	37
12	02	0053	40	40	40	21	26	24	8	02	2	8	5	4			5								
12	05	0042	39	39	39	26	14	48	8	80	5	8	6	3			6								
12	08	0041	40	40	40	25	20	24	8	50	5	8	5	4			6								
12	11	0034	39	39	39	25	05	16	8	10	5	8	6	1			6								
12	14	0033	41	39	36	28	14	64	8	02	5	8	5	3			6								
12	17	0012	40	39	38	29	18	48	8	63	6	8	6	3			6								
12	20	0002	41	40	39	29	25	40	8	63	6	8	6	3			6								
12	23	9974	39	39	39	29	22	64	8	63	6	8	6	3			6			23	49	405	004	51	39
13	02	9966	41	40	39	28	18	80	8	21	6	8	6	3			6								
13	05	9929	40	40	40	29	27	08	8	60	6	8	6	4			6								
13	08	9929	39	38	37	25	27	56	8	21	6	8	6	4			6								
13	11	9936	39	38	38	25	25	80	8	02	2	8	8	4			6								
13	14	9940	39	38	37	26	25	80	8	02	2	8	8	4			6								
13	17	9943	39	38	36	26	30	80	8	02	2	8	8	4			6								
13	20	9957	38	38	37	28	30	80	8	02	2	8	8	4			6								
13	23	9977	38	36	34	27	28	80	8	02	2	8	5	5			6			27	61	459	026	41	38
14	02	9997	37	35	32	22	40	80	5	01	2	5	5	5			6								
14	05	0028	36	35	34	22	34	48	7	02	8	7	8	4			4								
14	08	0068	38	37	35	22	32	80	7	02	2	7	8	4			4								
14	11	0095	38	38	37	22	33	56	8	25	8	7	2	4		2	4		6						
14	14	0122	38	37	35	21	26	56	7	02	2	7	2	4			5								
14	17	0143	38	35	31	23	26	56	7	02	2	7	8	4			5								
14	20	0165	37	35	32	22	17	40	8	02	2	8	8	4			5								
14	23	0175	36	35	33	22	15	40	7	02	2	7	8	4			5			22	57	562	000	40	36
15	02	0177	37	35	33	24	04	32	8	60	6	8	5	4			9								
15	05	0168	38	38	37	29	02	82	8	02	2	8	5	4			7								
15	08	0159	39	38	36	25	02	82	8	02	2	3	5	4	7		6	6							
15	11	0151	39	39	38	25	02	24	8	58	5	8	6	2			4								
15	14	0142	40	40	39	22	10	08	8	51	5	8	6	0			5								
15	17	0135	41	40	39	00	00	64	8	10	5	8	6	2			6								
15	20	0124	39	39	39	34	10	81	8	02	5	8	6	3			7								
15	23	0105	40	40	40	00	00	40	8	55	5	8	6	2						23	28	190	000	42	37
16	02	0075	41	41	41	00	00	40	8	55	5	8	6	2											
16	05	0046	42	41	40	36	10	40	8	60	5	5	7	3	2		7								
16	08	0015	42	41	41	01	06	40	8	61	6	8	6	3											
16	11	9973	43	42	41	03	04	40	8	61	6	8	6	3											
16	14	9946	44	44	43	00	00	16	8	61	6	8	6	2											
16	17	9949	42	41	40	14	01	40	8	60	6	4	7	2	2		5								
16	20	9973	39	39	37	00	00	40	8	60	6	6	6	4	2										
16	23	9977	38	37	35	00	00	56	8	02	6	6	6	4						20	28	167	029	45	38
17	02	9985	38	36	32	00	00	80	8	02	2	5	5	4	2										
17	05	9999	37	34	28	19	10	40	8	02	2	5	5	4	7		4	4							
17	08	0020	37	34	29	19	05	80	7	02	2	4	5	4	7		4	5							
17	11	0035	38	35	31	00	00	56	8	02	2	1	5	5	7			5							
17	14	0043	39	36	31	18	21	56	7	03	2	2	4	5	0	4	4		6						
17	17	0052	37	33	27	18	17	80	6	02	2	2	5	5	0	1	5		6						
17	20	0061	36	33	28	18	15	48	7	03	2	2	7	5	4		5								
17	23	0061	37	35	32	19	06	32	8	60	2	8	5	4			5			18	28	264	060	39	36
18	02	0053	37	36	35	25	12	16	8	61	6	8	6	4											
18	05	0044	38	38	38	27	04	80	8	60	6	8	6	3			6								
18	08	0045	38	38	38	25	12	80	8	20	5	8	6	3			6								
18	11	0040	38	38	38	25	15	80	8	02	2	8	6	1			6								
18	14	0037	38	38	38	24	08	40	8	61	2	8	6	1			6								
18	17	0035	38	37	36	25	10	40	8	60	6	8	6	3			6								
18	20	0039	38	38	37	19	10	40	8	02	2	8	6	3			6								
18	23	0038	38	38	38	25	14	80	8	50	5	8	6	3			6			24	30	265	007	38	37

Results of Surface Observations, Heard Island, February, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	02	0037	37	37	36	25	12	81	8	02	2	8	6	4			6								
19	05	0044	38	37	36	27	25	56	8	02	2	8	6	4											
19	08	0055	37	36	35	24	18	80	8	02	2	8	5	4			6								
19	11	0084	36	35	34	24	24	40	8	60	2	5	8	4	7		5								
19	14	0104	38	36	33	20	27	80	8	02	2	8	8	4			5								
19	17	0130	38	35	32	20	22	81	7	02	2	7	8	4			5								
19	20	0152	37	34	30	20	17	81	7	02	2	7	5	4			5								
19	23	0161	37	35	32	22	13	81	7	02	2	7	5	4			5			23	41	418	003	39	36
20	02	0170	37	36	35	20	10	40	8	50	2	8	5	4			5								
20	05	0156	38	38	38	22	13	10	8	51	5	6	6	2											
20	08	0134	43	42	41	29	25	16	8	61	6	6	5	4			6								
20	11	0127	41	41	41	20	16	10	8	51	6	6	7	3			6								
20	14	0130	41	41	41	21	16	08	8	59	6	5	8	0			6								
20	17	0128	42	41	41	21	16	08	8	53	5	5	6	2			6								
20	20	0123	51	49	47	28	27	08	8	53	5	5	6	2			6								
20	23	0123	41	41	41	25	21	08	8	51	5	8	6	2						29	53	388	005	52	37
21	02	0116	41	41	41	22	16	08	8	63	6	8	7	2			5								
21	05	0114	44	44	44	22	20	40	8	62	6	8	6	3			5								
21	08	0092	46	46	46	30	30	24	8	65	6	8	6	2			7								
21	11	0081	50	48	46	28	22	40	8	50	6	8	6	2			6								
21	14	0060	46	46	45	32	25	48	8	20	5	7	6	2	1		6								
21	17	0040	45	45	45	33	18	20	8	10	4	6	6	0											
21	20	0017	45	45	45	33	20	24	8	10	4	6	6	0			6								
21	23	9989	44	43	42	32	20	48	8	60	6	8	6	3			6			32	43	427	081	51	41
22	02	9975	44	42	40	28	18	48	7	62	6	7	7	3			6								
22	05	9979	40	38	36	27	18	80	7	02	2	8	5	4			6								
22	08	9979	40	37	32	28	22	81	7	02	2	7	5	4			6								
22	11	9993	40	38	35	30	27	80	8	80	2	8	8	4			6								
22	14	0016	41	37	30	29	27	80	5	01	2	5	8	4			6								
22	17	0036	40	36	30	28	26	80	5	01	2	5	8	5			6								
22	20	0057	39	36	31	27	22	81	7	02	2	7	8	5			6								
22	23	0079	38	36	33	25	15	81	6	02	2	4	8	3	0	2	6			29	48	439	046	44	38
23	02	0091	39	37	34	27	17	81	7	02	8	4	8	3	0	6	6								
23	05	0092	39	37	35	29	02	48	8	02	2	8	5	4			6								
23	08	0077	39	38	36	08	08	56	7	02	2	5	5	4	3		7	6							
23	11	0063	39	38	37	03	13	48	8	02	2	8	5	4			8								
23	14	0035	40	38	36	03	13	48	8	02	2	8	5	4			8								
23	17	9996	39	38	36	04	11	40	8	02	2	6	5	4			8								
23	20	9963	40	40	39	05	05	08	8	51	6	6	7	2			7								
23	23	9956	40	37	34	28	20	64	/	02	6	7	8	4			6			28	40	244	001	40	38
24	02	9964	39	37	34	27	22	40	7	02	2	7	2	4			6								
24	05	9967	38	35	30	28	28	81	7	02	2	7	2	4			6								
24	08	9980	35	34	32	29	25	81	7	26	8	7	2	4			6								
24	11	0003	40	37	32	29	30	82	8	02	8	8	2	4			6								
24	14	0038	41	38	32	29	27	82	7	02	2	8	2	3			6								
24	17	0066	39	36	31	29	28	81	7	25	8	7	2	5			6								
24	20	0099	39	36	31	29	18	81	7	02	2	7	2	4			6								
24	23	0116	38	36	32	29	15	81	6	02	2	6	2	4			6			28	53	503	009	42	34
25	02	0128	38	36	33	29	15	81	8	02	8	8	2	4			6								
25	05	0133	38	36	33	27	04	80	8	80	2	8	8	4			6								
25	08	0128	38	37	34	24	10	81	8	02	2	8	8	4			6								
25	11	0110	38	36	33	00	00	80	8	60	2	8	6	4											
25	14	0057	34	34	34	04	12	56	8	66	6	8	6	4											
25	17	9958	40	39	38	06	25	80	8	61	7	8	6	4											
25	20	9931	38	38	37	24	02	80	8	21	6	8	6	4											
25	23	9936	38	37	36	23	05	80	8	60	6	8	6	4						04	38	270	003	42	33
26	02	9952	37	37	36	00	00	56	8	61	6	8	6	4			1								
26	05	9951	36	36	36	00	00	16	8	60	6	8	5	4			4								
26	08	9994	35	32	28	18	25	40	8	27	8	8	8	4			4								
26	11	0039	37	36	34	20	35	80	7	02	2	4	8	4	4		5								
26	14	0058	38	35	31	20	39	80	7	02	2	4	8	4			5								
26	17	0087	37	34	31	21	26	64	7	03	2	7	5	4			5								
26	20	0100	34	34	34	21	22	16	7	85	2	7	2	4			5								
26	23	0112	36	35	34	23	18	40	8	02	2	8	6	4			5			20	54	423	084	39	34
27	02	0111	37	36	35	21	15	24	8	51	5	8	6	4											
27	05	0109	38	38	38	22	20	24	8	59	6	8	6	2			5								
27	08	0119	39	39	39	22	20	16	8	63	6	8	6	2			5								
27	11	0120	39	39	39	23	23	80	7	02	6	8	7	3			5								
27	14	0130	39	38	37	23	20	81	8	02	2	8	6	1			5								
27	17	0132	38	37	36	22	25	16	8	52	5	8	6	1			5								
27	20	0135	37	36	35	22	21	80	8	02	5	8	6	3			5								
27	23	0143	38	37	35	22	18	81	8	02	2	8	6	3			5			23	36	446	014	41	36

Results of Surface Observations, Heard Island, February, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	02	0138	38	37	37	22	17	81	8	02	2	8	6	3			5								
28	05	0143	39	38	37	22	12	64	8	50	5	8	6	4											
28	08	0146	39	38	37	22	15	80	8	02	2	8	6	4			5								
28	11	0149	40	40	39	22	12	64	8	50	2	8	8	4			5								
28	14	0156	42	41	40	22	17	81	8	02	2	8	5	3			5								
28	17	0158	41	40	38	23	12	80	7	02	2	8	5	3			5								
28	20	0161	40	39	38	20	14	80	8	02	2	7	5	3			5								
28	23	0161	40	39	38	20	12	81	6	02	2	6	5	3			5			22	27	524	004	43	37

Results of Surface Observations,
Heard Island, March, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	02	0166	41	40	38	22	17	81	8	02	2	8	5	5			5								
01	05	0169	40	39	38	23	14	40	8	02	2	8	5	5			5								
01	08	0173	41	40	38	22	19	56	7	02	2	8	5	5			5								
01	11	0174	42	40	38	21	20	56	8	02	2	8	5	5			5								
01	14	0177	46	44	40	19	11	80	5	01	2	5	5	8	0	0	4								
01	17	0180	39	38	38	35	10	04	7	46	4	7	6	6			7								
01	20	0181	36	36	36	36	08	01	8	51	5	8	6	1											
01	23	0181	37	37	37	35	08	01	8	51	5	8	6	1						22	28	509	001	47	36
02	02	0169	36	35	35	35	09	01	8	51	5	8	6	1											
02	05	0164	35	33	35	06	05	04	9	45	4	8	6	0											
02	08	0158	35	35	35	06	02	04	9	45	4	8	6	0											
02	11	0141	37	37	37	02	10	16	9	45	4	8	6	0											
02	14	0140	39	38	38	01	06	16	9	45	4	8	6	0											
02	17	0124	38	37	36	34	10	80	8	28	4	5	6	0	0	2	8		0						
02	20	0151	38	37	35	25	07	81	8	02	2	8	6	3			7								
02	23	0152	39	37	36	18	04	81	8	02	2	8	6	3						33	18	175	001	41	35
03	02	0127	39	38	37	22	08	81	8	02	2	8	6	3											
03	05	0157	38	38	38	19	04	04	9	45	4	8	6	0											
03	08	0154	39	39	38	36	02	80	8	02	4	8	5	4											
03	11	0139	40	39	39	00	00	16	8	10	2	8	5	4			1								
03	14	0101	39	38	37	03	23	08	7	10	2	7	5	4			1								
03	17	0094	43	42	41	05	21	08	8	50	2	8	6	3			1								
03	20	0061	42	41	41	04	23	24	8	20	5	8	6	3			1								
03	23	0026	45	44	43	06	25	24	8	60	5	8	6	3			1			05	36	257	000	47	38
04	02	9993	45	44	43	03	21	08	8	51	5	8	6	3			1								
04	05	9964	42	42	42	06	14	06	8	51	5	6	6	1											
04	08	9944	41	41	41	01	07	04	8	55	5	8	6	1											
04	11	9935	40	39	40	22	17	06	8	63	6	8	7	1			5								
04	14	9965	37	36	36	18	22	08	8	63	6	8	7	2			4								
04	17	9995	40	38	36	20	22	48	8	02	6	5	5	4	7		5								
04	20	0000	39	38	37	21	16	40	8	02	2	8	5	4			5								
04	23	0010	38	37	36	20	06	32	4	02	0	4	5	4	0	0	5			05	30	336	010	45	37
05	02	0015	38	37	35	34	01	40	7	02	2	5	5	4	7										
05	05	0000	38	38	37	05	08	40	8	61	6	8	6	3											
05	08	9988	39	38	38	06	07	24	8	10	6	8	6	2			1								
05	11	9956	40	40	40	00	00	03	9	47	4	8	6	0											
05	14	9955	41	41	41	00	00	24	8	10	6	8	6	2			8								
05	17	9944	42	41	40	22	06	32	7	40	4	7	6	1			8								
05	20	9955	38	37	35	18	05	40	7	41	4	7	6	1			5								
05	23	9950	37	37	37	00	00	40	8	59	2	8	6	2						03	19	131	065	43	36
06	02	9954	40	38	36	25	12	56	8	80	6	8	6	3			6								
06	05	9972	38	37	34	27	12	81	8	02	2	8	6	4			6								
06	08	9987	38	37	34	23	04	81	8	02	2	8	6	4			6								
06	11	0002	40	38	35	27	12	81	8	02	2	8	6	4			6								
06	14	0019	40	38	35	24	10	81	7	02	2	7	6	4			6								
06	17	0024	39	37	35	22	16	81	8	02	8	8	6	4			5								
06	20	0037	37	35	32	27	13	81	8	02	8	8	6	4			5								
06	23	0038	37	35	32	26	20	80	8	80	2	8	6	4						25	30	249	028	41	36
07	02	0032	35	35	34	23	10	80	8	25	8	8	6	4											
07	05	0017	37	36	34	25	02	32	8	60	6	8	5	4			5								
07	08	0003	38	37	35	30	08	16	8	61	6	8	7	4			6								
07	11	9974	39	38	37	33	02	10	8	60	6	8	7	3			7								
07	14	9961	40	39	39	25	12	08	8	53	6	8	7	3			6								
07	17	9971	38	38	38	22	17	06	8	51	5	8	6	1			6								
07	20	9987	37	37	37	22	23	06	8	51	5	8	7	1			6								
07	23	9997	36	35	35	22	16	08	8	51	5	6	7	1			6			23	31	262	010	41	35
08	02	0007	36	35	35	22	16	08	8	51	5	8	6	1			6								
08	05	0013	36	36	36	19	08	81	8	02	5	8	6	5	0										
08	08	0009	37	37	37	04	02	12	9	45	4	8	6	0											
08	11	0005	39	39	39	00	00	16	8	61	6	8	6	1			8								
08	14	9993	43	43	43	20	10	80	8	02	5	8	6	1			5								
08	17	9994	43	42	41	22	20	81	8	02	2	8	6	3			5								
08	20	9997	45	47	44	32	02	81	8	02	2	8	8	4			6								
08	23	0000	44	43	42	36	01	40	8	51	6	8	6	3						23	33	269	017	56	37
09	02	9987	44	43	42	34	06	40	8	50	6	8	6	3											
09	05	9956	48	46	44	33	04	56	8	02	2	8	5	4			7								
09	08	9939	44	43	43	30	08	08	8	61	6	8	6	4											
09	11	9955	36	36	35	22	28	40	8	61	6	8	6	4			5								
09	14	0001	40	38	35	20	12	81	7	02	2	6	5	4			5								
09	17	0028	40	38	35	21	10	81	7	02	2	7	5	4			6								
09	20	0055	39	37	33	25	03	81	6	02	2	6	5	4	0	0	6								
09	23	0001	39	36	32	00	00	81	5	02	2	5	5	4	0	0	6			24	38	255	036	49	36

Results of Surface Observations, Heard Island, March, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	02	0061	38	37	35	03	02	81	7	03	2	7	5	4			6								
10	05	0041	38	37	36	07	07	40	8	02	2	8	5	4			2								
10	08	0019	38	37	36	05	08	24	8	60	2	5	7	5	7		1								
10	11	9995	38	38	37	29	03	08	8	51	5	8	6	2											
10	14	9976	41	40	39	29	09	08	8	50	5	8	7	2			6								
10	17	9965	42	39	37	29	12	48	6	02	2	4	2	4	0	2	7		6						
10	20	9954	40	38	35	27	09	40	8	50	5	8	5	4			6								
10	23	9937	40	37	34	28	20	40	8	02	2	8	5	4						28	35	200	017	42	37
11	02	9938	38	37	36	25	15	24	8	60	6	8	7	3											
11	05	9935	37	34	29	22	28	82	8	02	2	8	5	4			5								
11	08	0056	33	33	32	22	32	82	7	27	8	7	8	4			5								
11	11	0072	36	35	30	24	30	82	7	02	8	7	2	3			5								
11	14	0086	38	35	30	25	20	82	7	14	8	7	8	3			5								
11	17	0091	38	35	31	27	22	82	8	02	2	8	8	4			6								
11	20	0082	36	35	34	26	08	48	8	61	8	8	6	3			6								
11	23	0048	40	38	36	29	16	40	8	58	6	8	6	3			6			22	52	467	004	40	33
12	02	0012	40	40	40	22	08	24	8	63	6	8	6	3											
12	05	0004	42	42	42	22	12	08	8	51	5	8	6	3											
12	08	0001	44	43	42	24	16	16	8	50	6	8	6	3			6								
12	11	0010	42	41	41	23	13	08	8	20	5	8	6	2			6								
12	14	9986	42	40	38	29	25	08	8	50	5	8	6	2			6								
12	17	9942	42	41	41	29	20	16	8	60	6	8	6	3			6								
12	20	9895	45	43	40	29	40	16	8	60	6	8	6	3			6								
12	23	9904	39	36	32	28	25	81	7	02	2	7	5	4			6			29	68	397	045	45	39
13	02	9910	39	36	32	28	23	81	5	01	2	3	5	4	0	0	6								
13	05	9932	37	35	33	27	23	16	8	83	2	8	5	4			6								
13	08	9932	39	35	31	29	22	40	8	02	2	5	5	4			6								
13	11	9945	39	36	32	27	25	40	2	02	2	8	5	4			6								
13	14	9956	39	36	35	28	31	40	8	02	2	8	7	4			6								
13	17	9950	39	35	31	27	35	32	8	02	2	8	7	4			6								
13	20	0037	38	36	33	26	32	32	8	02	2	8	7	4			6								
13	23	0087	37	35	31	22	26	32	8	02	2	8	8	4			5			27	62	552	005	39	36
14	02	0114	36	35	34	23	23	40	8	02	8	8	5	4			5								
14	05	0124	38	37	35	23	24	82	8	02	8	8	5	4			5								
14	08	0138	38	37	35	26	10	80	8	05	2	8	5	4			6								
14	11	0130	38	37	35	27	20	40	8	61	6	8	6	3			6								
14	14	0095	39	37	34	32	08	48	7	60	7	7	6	3			7								
14	17	0046	40	40	40	28	20	16	8	63	6	8	6	3			7								
14	20	0028	40	40	40	29	36	20	8	63	6	8	7	3			7								
14	23	9997	44	43	43	30	38	24	8	54	6	8	7	3			7			29	61	461	002	45	34
15	02	9977	45	44	43	29	40	48	8	02	6	8	7	3			7								
15	05	9962	42	42	41	27	20	08	8	61	6	8	6	3											
15	08	9966	39	38	37	22	20	61	8	02	6	5	5	4	7		5								
15	11	9982	40	37	31	26	33	81	5	01	2	5	8	4	3		6								
15	14	9986	40	37	33	27	18	81	6	02	2	6	8	4			6								
15	17	9983	38	36	33	29	15	81	7	02	2	7	2	4			6								
15	20	9991	37	35	32	29	22	81	8	02	2	5	2	4	7		6								
15	23	9992	37	35	32	28	22	81	8	25	8	8	2	4			6			30	59	504	049	46	37
16	02	0000	39	35	28	27	25	81	8	25	8	8	2	4			6								
16	05	0012	38	35	31	28	25	80	8	02	2	8	5	4			6								
16	08	0039	38	36	31	29	30	80	8	25	2	8	8	4			6								
16	11	0051	39	37	35	28	20	81	8	02	8	8	5	4			6								
16	14	0052	39	38	37	29	14	48	8	80	8	8	2	4			6								
16	17	0037	37	36	36	27	12	32	8	61	6	8	6	3			6								
16	20	0023	39	38	36	28	12	64	8	02	6	8	6	4			6								
16	23	9998	39	38	37	29	25	80	8	02	8	8	8	4			7			28	73	455	001	39	35
17	02	9978	39	37	35	27	10	80	8	02	2	8	8	4			7								
17	05	9931	36	36	35	29	10	32	8	80	2	8	8	4			7								
17	08	9905	34	34	34	21	13	40	8	66	7	8	8	5	4		5								
17	11	9895	38	37	36	27	30	80	8	21	7	7	8	4	7		7								
17	14	9899	39	37	35	27	25	80	7	02	6	7	8	4			7								
17	17	9898	38	37	36	27	25	64	8	02	2	8	8	4			7								
17	20	9926	37	37	37	27	20	80	8	25	2	8	8	4			7								
17	23	9952	36	36	36	20	22	80	8	25	8	8	8	4			6			27	40	347	029	39	33
18	02	9970	37	36	35	24	13	80	8	02	2	8	8	4			6								
18	05	9994	35	35	35	22	12	24	8	80	2	8	8	4											
18	08	0027	36	36	36	22	15	81	7	02	2	8	8	4			5								
18	11	0054	37	35	32	22	20	81	6	02	2	6	8	4	8		5								
18	14	0079	38	35	31	22	23	81	5	01	2	4	8	4	6		5								
18	17	0101	37	33	27	22	20	81	7	03	2	3	8	4	6		5								
18	20	0114	36	34	31	27	05	81	8	02	2	3	8	4	6		5								
18	23	0120	36	35	33	25	10	81	7	02	2	5	8	4	6		6			24	38	340	011	38	32

Results of Surface Observations, Heard Island, March, 1954

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND												DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD AMOUNT	LOW CLOUD TYPE C_L	LOW CLOUD BASE h	MIDDLE CLOUD C_M	HIGH CLOUD C_H	LOW D_L	MIDDLE D_M	HIGH D_H	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	02	0119	37	35	32	27	10	81	7	02	2	7	8	4			6								
19	05	0107	36	36	36	00	00	80	8	02	2	8	6	3			7								
19	08	0095	37	37	36	36	04	80	8	02	2	6	5	4	2		8								
19	11	0070	38	37	37	05	10	80	8	02	2	8	6	3			8								
19	14	0039	38	37	36	03	10	40	8	51	5	8	6	2			8								
19	17	9997	36	36	36	02	13	24	8	61	6	8	6	3			8								
19	20	9959	35	35	35	04	13	20	8	71	7	8	6	2			8								
19	23	9896	36	35	35	00	00	32	8	60	7	8	6	3			8			01	20	187	004	38	34
20	02	9880	36	36	36	22	09	40	8	60	6	8	6	1			5								
20	05	9905	36	34	32	23	23	80	7	02	6	7	8	4			6								
20	08	9919	37	35	33	25	25	80	7	02	2	7	8	4			6								
20	11	9950	38	36	34	25	23	60	7	02	1	7	8	5			5								
20	14	9956	37	36	34	24	27	80	7	02	1	7	8	5			5								
20	17	9989	37	35	33	23	27	80	5	02	1	4	8	5	3	0	5								
20	20	0010	36	35	32	23	22	80	7	02	1	6	8	5	0	5	5								
20	23	0016	36	34	30	26	05	80	8	02	1	8	8	5			5			27	44	560	043	38	33
21	02	0000	35	34	33	34	09	40	8	56	5	6	6	4											
21	05	9956	33	33	33	04	16	04	8	71	7	8	6	4			6								
21	08	9905	33	33	33	07	15	08	8	71	7	8	6	4											
21	11	9874	38	37	36	32	07	40	8	60	6	8	6	4											
21	14	9855	38	37	36	29	07	81	8	02	2	8	5	4			6								
21	17	9862	37	37	37	22	16	56	8	60	6	8	6	4											
21	20	9912	36	35	35	20	34	24	8	60	6	8	6	3			5								
21	23	9985	35	33	30	18	32	81	5	01	6	5	5	4	0	0	4			19	54	517	012	39	33
22	02	0052	35	33	32	20	28	81	6	02	2	6	8	5	0	0	4								
22	05	0055	34	31	27	00	00	82	7	02	2	7	5	5			6								
22	08	0056	35	33	29	25	03	16	8	71	7	8	0	4	2										
22	11	0012	35	34	33	04	10	12	8	71	7	8	0	3	2										
22	14	9972	37	37	36	32	12	12	8	61	7	8	0	2	2										
22	17	9959	40	38	35	30	21	40	8	21	6	8	0	4	2										
22	20	9962	39	36	32	29	18	80	8	02	2	8	5	5			6								
22	23	9967	39	37	34	30	20	80	7	02	2	7	5	5			6			30	40	353	045	41	34
23	02	9946	38	36	33	30	15	81	8	25	2	8	8	4			6								
23	05	9906	37	35	32	29	20	80	8	02	2	8	8	5			6								
23	08	9895	36	35	34	29	24	40	8	84	2	8	8	5			6								
23	11	9876	36	36	34	30	24	80	7	02	8	8	2	4			6								
23	14	9871	37	36	34	28	24	64	7	25	8	7	8	5			6								
23	17	9885	37	35	32	23	27	64	8	02	2	8	8	5			5								
23	20	9908	36	35	34	22	22	16	8	84	2	8	8	4			5								
23	23	9923	36	35	34	23	22	80	6	25	8	6	8	4	0	0	5			27	47	441	047	40	36
24	02	9938	34	34	34	23	24	80	6	26	8	6	8	4	0	0	5								
24	05	9938	34	34	34	18	37	16	8	27	8	8	8	4			4								
24	08	0011	34	33	31	18	42	24	8	27	8	8	8	4			4								
24	11	0041	31	31	31	20	40	08	7	88	2	7	2	4			4								
24	14	0064	34	31	27	20	45	80	7	15	2	7	8	4			5								
24	17	0076	34	31	26	20	37	64	7	02	2	7	8	4			5								
24	20	0085	33	31	29	18	25	81	4	27	8	4	8	5	0	0	5								
24	23	0091	33	31	28	20	13	81	7	03	2	7	8	4			5			22	55	661	010	37	31
25	02	0071	32	31	29	25	03	81	8	02	2	8	8	4			5								
25	05	0029	35	30	24	36	04	81	8	02	2	8	5	4			8								
25	08	9978	31	31	31	04	21	08	8	71	7	8	6	2			1								
25	11	9928	32	32	32	07	07	04	8	73	7	8	0	2	2										
25	14	9881	34	34	34	06	03	24	8	02	7	8	0	2	2										
25	17	9887	37	37	36	28	16	40	8	21	6	8	6	1			7								
25	20	9894	37	36	35	24	15	80	8	02	2	8	5	4											
25	23	9893	37	36	35	22	10	81	8	02	2	8	5	4			6			22	39	259	000	38	31
26	02	9892	36	35	34	27	14	80	8	80	8	8	2	4			5								
26	05	9874	37	36	34	26	07	80	8	02	2	8	8	4			5								
26	08	9872	36	35	34	25	13	80	7	26	2	6	8	4			6								
26	11	9875	35	35	34	26	23	64	8	25	2	5	2	4	7		6								
26	14	9883	38	35	31	28	26	80	7	02	2	5	2	4	3		6								
26	17	9887	35	33	29	27	22	80	7	26	2	6	2	4	3		6								
26	20	9876	36	35	29	29	15	80	6	02	2	6	2	4	0	0	6								
26	23	9845	34	33	32	31	07	24	8	71	2	8	0	4	2					25	41	263	028	38	33
27	02	9797	33	33	33	04	07	16	8	71	7	8	0	4	2										
27	05	9776	37	35	32	27	20	80	8	02	2	8	8	4			6								
27	08	9788	35	34	32	27	30	81	7	25	8	7	8	4			6								
27	11	9807	37	34	29	27	30	81	8	02	2	8	8	4			6								
27	14	9822	38	35	30	27	22	81	7	02	2	7	8	5			6								
27	17	9838	37	34	29	25	15	81	7	15	2	6	8	5	3		5								
27	20	9855	36	33	27	25	17	56	8	83	2	8	8	4			5								
27	23	9878	36	34	31	27	18	81	6	02	2	6	8	4	0	0	5			28	59	392	025	39	33

Results of Surface Observations, Heard Island, March, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	02	9910	33	33	33	22	28	80	7	02	8	7	8	4			5								
28	05	9928	36	35	33	22	23	81	7	26	8	7	2	4			5								
28	08	9956	36	34	32	26	20	82	7	02	8	7	2	4			5								
28	11	9996	37	35	33	24	38	80	7	02	2	7	8	4			5								
28	14	0042	37	35	33	22	35	80	7	02	8	7	2	4			5								
28	17	0071	37	35	32	22	25	82	7	02	2	7	4	5			5								
28	20	0085	36	35	32	22	15	82	8	02	2	8	5	4			5								
28	23	0075	35	34	33	22	06	64	8	68	7	8	6	4						27	51	424	001	38	33
29	02	0033	33	32	32	04	10	24	8	71	7	8	0	3	2										
29	05	9985	35	35	34	06	13	40	8	71	7	8	0	4	2										
29	08	9990	36	35	33	05	11	80	7	02	7	7	6	4			7								
29	11	0001	38	38	38	04	03	64	8	02	2	8	6	3											
29	14	0015	39	39	39	22	17	82	8	02	2	8	6	1			6								
29	17	0008	40	39	38	25	17	32	7	02	2	7	6	2			6								
29	20	0015	38	38	38	23	20	24	8	10	2	8	6	2	3	2	6								
29	23	0002	37	37	37	23	12	32	8	51	5	8	6	2			6			25	29	257	024	40	32
30	02	9989	38	38	38	25	12	16	8	61	5	8	0	2	2										
30	05	9941	37	37	37	25	10	08	8	61	6	8	0	4	2										
30	08	9920	34	34	34	22	12	12	8	68	6	8	0	3	2										
30	11	9928	36	35	34	27	20	80	8	26	7	8	2	4			6								
30	14	9933	37	35	31	27	20	04	7	86	8	7	2	4			6								
30	17	9925	37	36	34	27	25	80	5	26	8	5	2	4	0	0	6								
30	20	9923	36	34	32	27	28	80	8	26	8	8	2	4			6								
30	23	9916	35	35	35	27	40	80	7	26	8	8	2	4			6			27	77	395	041	38	34
31	02	9990	36	35	32	23	45	80	7	01	8	7	2	4			6								
31	05	0055	37	35	32	20	36	80	6	02	2	6	2	4	0	0	5								
31	08	0099	37	35	33	21	30	82	7	02	2	7	5	5			5								
31	11	0140	36	35	34	24	22	81	7	02	2	7	5	4			5								
31	14	0156	37	36	34	20	23	82	7	02	8	7	5	4			5								
31	17	0169	37	35	33	26	14	81	8	02	2	8	5	4			5								
31	20	0172	38	36	33	27	12	81	8	25	2	8	8	4			5								
31	23	0170	38	37	35	25	12	81	8	02	2	8	5	4			6			27	75	497	010	38	35

Results of Surface Observations, Heard Island, April, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	02	0170	38	37	36	20	17	81	7	02	2	7	5	5			5								
01	05	0160	39	37	35	25	09	81	8	02	2	8	5	5			6								
01	08	0142	37	37	37	05	02	64	8	02	2	4	6	2	2		6								
01	11	0105	39	37	35	04	18	64	8	60	2	3	6	2	2		7								
01	14	0027	40	40	39	04	25	48	8	61	6	4	6	4	2		8								
01	17	9962	42	42	42	03	13	24	8	61	6	5	C	4	2										
01	20	9924	43	43	43	18	03	24	8	51	6	8	6	4											
01	23	9921	41	41	41	29	18	40	8	50	5	6	6	4						04	40	256	000	43	36
02	02	9944	44	43	42	27	13	40	8	50	5	8	6	4											
02	05	9967	38	38	38	20	20	24	8	50	5	6	6	3											
02	08	9972	38	38	38	20	20	64	8	20	5	8	6	2											
02	11	9964	38	38	38	04	05	06	8	10	2	8	6	2											
02	14	9929	38	38	38	04	14	06	8	50	4	8	6	2											
02	17	9883	39	39	39	36	05	16	8	63	2	8	C	4	2										
02	20	9866	38	38	37	27	11	81	6	21	6	6	C	4	2	0									
02	23	9868	37	36	34	27	07	81	7	02	2	7	5	4						22	40	285	070	47	37
03	02	9843	37	37	37	34	18	24	8	50	5	8	6	4											
03	05	9794	37	37	37	36	12	32	8	81	8	8	2	4			7								
03	08	9760	38	37	37	33	10	81	7	02	2	7	5	4			7								
03	11	9752	38	38	37	26	17	81	7	08	8	7	8	4			7								
03	14	9802	38	37	37	25	18	82	7	02	8	6	2	4	3		6								
03	17	9833	37	36	34	22	13	82	6	02	1	6	2	4	C	0	6								
03	20	9891	37	36	33	22	18	81	7	03	1	7	5	4			5								
03	23	9952	36	35	33	20	27	81	8	02	2	8	5	4			5			20	51	295	046	39	35
04	02	0003	35	34	32	19	28	82	6	01	1	6	5	4	C	0	5								
04	05	0032	35	35	34	20	15	80	8	02	2	8	5	4			5								
04	08	0067	35	35	35	20	11	80	8	02	2	8	5	5			5								
04	11	0078	37	36	34	25	13	81	8	02	2	8	5	5			5								
04	14	0094	36	36	35	24	09	80	7	85	2	6	2	4	3		5								
04	17	0103	37	36	34	26	07	80	8	02	2	8	5	4			5								
04	20	0106	37	35	33	26	13	80	8	20	2	8	5	4											
04	23	0094	36	36	35	28	05	80	8	02	2	8	5	4						20	36	294	002	38	35
05	02	0082	36	35	35	27	07	80	8	25	2	8	8	4											
05	05	0059	36	36	36	00	00	12	8	61	6	8	8	3											
05	08	0030	39	39	39	29	20	16	8	61	6	8	C	4	2										
05	11	0017	41	41	40	27	23	24	8	61	6	8	C	4	2		6								
05	14	9988	41	40	39	29	28	40	8	60	6	8	C	4	2		6								
05	17	9963	41	41	41	29	22	40	8	60	6	8	C	5	2		6								
05	20	9921	41	41	40	29	30	40	8	60	6	8	C	4	2		6								
05	23	9900	43	42	40	27	40	40	8	21	6	8	C	4	2		6			28	68	415	026	43	36
06	02	9898	40	39	38	29	35	64	8	21	6	8	0	4	2		6								
06	05	9969	38	36	33	21	40	81	8	15	2	8	2	4			5								
06	08	0017	37	37	36	20	27	80	7	26	8	7	8	5			5								
06	11	0040	38	35	31	21	30	82	5	02	1	5	5	5	C	0	5								
06	14	0051	37	35	32	22	15	80	8	05	2	3	5	5	2		5								
06	17	0024	36	34	31	00	00	80	8	05	2	3	5	6	2		7								
06	20	9999	33	33	33	02	14	48	8	70	2	8	6	4			8								
06	23	9952	33	33	33	04	15	24	8	73	7	8	C	4	2					25	71	432	007	42	33
07	02	9914	33	33	33	19	05	40	8	71	7	8	0	4	2										
07	05	9931	34	34	33	18	25	64	8	22	7	8	0	4	2										
07	08	9957	33	33	32	18	23	64	7	26	7	6	2	4	3		5								
07	11	9994	35	35	35	20	24	81	7	87	2	7	2	4			5								
07	14	0006	37	37	36	24	20	81	7	02	2	7	2	4			5								
07	17	0003	37	36	34	24	12	81	8	02	2	3	2	4	2		5								
07	20	9980	37	37	37	29	15	40	8	60	2	8	C	4	2										
07	23	9962	40	38	36	27	30	64	8	60	6	8	C	4	2					25	51	301	005	40	33
08	02	9959	39	38	37	27	13	64	8	60	6	8	C	4	2										
08	05	9962	38	37	35	27	20	80	8	02	6	8	C	5	2										
08	08	9961	35	35	35	27	10	40	8	68	6	8	C	5	2		6								
08	11	9954	38	37	35	27	20	81	8	02	2	5	8	4	2		6								
08	14	9956	38	37	35	25	25	80	8	27	8	8	8	4			6								
08	17	9980	38	36	35	27	30	80	8	27	8	8	8	5			6								
08	20	0015	38	36	34	25	30	80	8	02	8	8	8	5			6								
08	23	0052	38	36	34	22	30	80	8	02	2	8	8	4			5			27	64	305	025	40	35
09	02	0086	37	36	34	20	30	81	8	02	2	8	2	4			5								
09	05	0117	37	36	34	21	28	80	8	02	2	8	5	4			5								
09	08	0151	37	36	34	19	21	80	7	05	1	6	8	4	4		5								
09	11	0171	38	38	38	20	20	80	7	16	4	7	2	4			5								
09	14	0184	38	38	38	21	18	03	9	47	4	6	6	0											
09	17	0189	38	38	38	21	18	04	9	45	4	8	6	0											
09	20	0193	37	37	37	19	16	04	9	45	4	8	6	0											
09	23	0192	40	39	39	36	02	40	8	51	5	8	6	3						21	40	429	003	41	34

Results of Surface Observations, Heard Island, April, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	02	0165	55	54	53	29	32	48	8	25	5	8	2	4			7								
10	05	0151	49	48	47	27	32	80	4	02	2	4	2	4	0	0	6								
10	08	0149	45	45	44	29	30	80	7	02	2	7	2	4	0	1	7								
10	11	0118	45	44	43	30	28	80	7	02	2	5	8	4	0	8	7								
10	14	0104	46	46	45	29	39	40	8	10	2	6	6	4			7								
10	17	0129	40	40	39	24	15	24	8	51	5	8	6	3			6								
10	20	0145	38	37	35	21	27	80	8	02	5	8	6	4											
10	23	0163	37	36	35	20	16	80	7	02	2	7	6	4						29	63	508	001	56	35
11	02	0168	37	36	35	20	12	80	8	02	2	8	6	4											
11	05	0136	36	36	36	02	08	81	8	02	2	0	0	9	2										
11	08	0082	33	32	32	07	27	08	8	71	7	8	0	6	2										
11	11	0002	37	37	37	00	00	16	8	63	6	8	0	6	2										
11	14	9976	46	46	46	29	35	16	8	61	6	6	0	5	2										
11	17	9957	46	46	46	29	30	16	8	60	6	8	6	5			7								
11	20	9926	46	46	46	29	25	16	8	61	6	8	0	4	2		7								
11	23	9891	44	44	44	27	10	08	8	61	6	8	0	4	2					29	60	372	007	47	33
12	02	9869	43	43	43	32	12	24	8	60	6	8	0	4	2										
12	05	9853	40	39	38	27	30	80	8	02	8	8	2	4			6								
12	08	9865	39	37	36	27	35	48	8	25	8	8	2	5			6								
12	11	9906	39	37	36	27	27	81	6	26	8	6	2	5	0	0	6								
12	14	9941	37	37	36	27	20	81	7	26	8	7	2	4			6								
12	17	9976	37	35	33	26	17	82	6	05	1	6	4	5	0	0	6								
12	20	9996	36	35	34	27	14	82	1	01	1	1	5	5	0	0	6								
12	23	0008	36	35	34	25	15	82	1	02	1	0	0	9	3	0		6		28	61	434	155	45	36
13	02	0021	36	35	34	22	08	81	7	03	1	7	5	5			5								
13	05	0017	35	34	33	20	15	80	7	02	2	7	8	5			5								
13	08	0029	36	34	31	20	18	81	5	02	1	5	5	5			6								
13	11	0041	37	34	30	21	18	82	3	02	0	3	5	5	0	0	6								
13	14	0049	37	35	32	24	12	82	2	02	0	2	5	6	0	0	6								
13	17	0060	36	35	32	27	08	82	6	02	1	5	5	6	3	0	6	6							
13	20	0064	36	35	33	27	10	80	8	05	2	8	5	4			6								
13	23	0057	36	35	33	27	10	81	8	02	5	8	5	4			6			21	26	256	001	37	33
14	02	0057	37	35	32	27	12	81	8	02	2	8	5	4			6								
14	05	0039	37	37	37	29	20	80	8	80	8	8	8	4			6								
14	08	0027	38	38	38	29	23	80	8	02	2	8	8	4			6								
14	11	0036	40	40	40	27	15	64	8	02	5	8	8	4			6								
14	14	0030	40	40	40	27	13	80	8	25	2	8	8	4			6								
14	17	0021	39	39	39	32	15	81	8	25	8	8	8	4			7								
14	20	0014	39	39	39	29	07	80	8	50	5	8	5	4			7								
14	23	9990	39	39	39	29	10	08	8	51	5	8	6	2						29	36	294	003	41	34
15	02	9970	41	41	41	32	07	12	8	50	5	8	6	3											
15	05	9940	41	41	41	29	03	48	8	51	6	8	6	3			7								
15	08	9926	42	42	42	30	20	48	8	51	5	8	6	2			7								
15	11	9920	41	41	40	29	16	80	8	20	5	8	8	2			7								
15	14	9884	39	39	39	34	06	48	8	60	6	8	6	1			8								
15	17	9864	40	40	40	27	17	24	8	63	6	8	6	4			6								
15	20	9894	37	36	34	26	16	81	5	02	6	3	2	5	3		6								
15	23	9905	37	36	34	27	24	82	2	25	1	2	2	5	0	0	6			29	39	269	016	43	36
16	02	9915	37	36	34	27	20	82	6	02	1	6	2	5	0	0	6								
16	05	9913	37	36	35	29	20	81	3	02	1	3	2	5	0	0	6								
16	08	9918	37	36	35	27	25	64	7	02	1	7	2	4			6								
16	11	9927	38	36	34	28	23	80	4	02	1	4	2	5			6								
16	14	9943	39	37	35	28	20	80	5	02	1	5	2	4	0	0	6								
16	17	9958	37	36	34	27	18	64	8	88	1	8	2	4			6								
16	20	9965	37	36	35	27	26	81	5	02	1	4	2	4	3	0	6								
16	23	9969	38	36	34	27	26	81	8	03	1	8	8	5			6			27	44	451	035	39	33
17	02	9960	38	37	35	27	25	81	8	02	2	8	8	5			6								
17	05	9945	37	36	34	27	23	81	8	02	2	8	8	4			6								
17	08	9911	37	37	37	32	12	81	8	02	2	8	8	5			6								
17	11	9837	37	37	37	34	16	56	8	61	6	8	0	4	2		7								
17	14	9736	39	39	39	29	14	16	8	60	6	8	0	4	2										
17	17	9716	37	37	37	29	25	24	8	60	6	8	0	4	2		7								
17	20	9761	35	35	34	25	35	24	8	87	6	8	2	4			6								
17	23	9789	34	33	31	25	35	81	6	27	8	6	2	4	0	0	5			25	74	400	001	40	31
18	02	9850	34	33	31	22	35	81	8	26	8	8	2	4			5								
18	05	9920	35	35	34	22	24	80	7	26	8	7	2	4			5								
18	08	9964	35	34	33	22	30	24	7	89	8	7	8	4			5								
18	11	9997	35	32	27	22	27	82	5	27	8	3	4	6	4	0	5								
18	14	0010	36	35	33	25	20	32	8	86	8	8	2	4			6								
18	17	0011	35	35	35	25	18	80	7	02	1	6	8	4	4		6								
18	20	0015	36	34	32	25	16	81	6	02	8	5	8	4	3	0	5	6							
18	23	0013	35	35	34	25	14	82	7	03	8	2	2	4	4	8	5	6		26	79	474	038	37	32

Results of Surface Observations, Heard Island, April, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	02	0018	35	35	34	25	12	81	7	02	2	5	5	4	0	8	6								
19	05	0015	36	36	36	24	17	80	7	02	2	5	2	4	3		6								
19	08	0026	35	35	35	24	18	64	7	20	2	6	2	4	3		6								
19	11	0030	36	36	36	24	15	64	7	02	2	6	8	4	3		6								
19	14	0034	37	37	36	24	13	64	7	80	2	7	8	4			6								
19	17	0044	37	37	36	24	18	80	7	02	2	6	8	4	3		6								
19	20	0050	37	36	35	26	18	80	8	02	2	3	2	4	7	3	6								
19	23	0051	38	37	36	26	18	80	8	02	2	5	2	4	3		6			27	37	276	002	38	34
20	02	0061	38	37	37	26	20	80	8	25	2	8	2	4			6								
20	05	0079	38	38	38	25	17	81	8	02	2	8	8	4			6								
20	08	0086	38	37	37	22	17	81	8	02	2	8	8	4			5								
20	11	0086	39	38	37	29	03	81	8	02	2	8	8	4	2		5								
20	14	0048	38	38	38	02	10	80	8	60	2	6	8	4	2		1								
20	17	9991	36	36	36	04	12	12	8	61	7	8	6	3											
20	20	9933	42	42	42	34	12	64	8	20	6	8	6	4			6								
20	23	9874	43	43	43	25	03	40	8	25	8	8	8	4						25	36	266	000	44	33
21	02	9858	39	39	38	25	20	80	8	25	8	8	2	4			6								
21	05	9869	38	38	38	26	22	81	8	25	8	8	2	4			6								
21	08	9897	38	37	35	25	20	82	6	02	8	6	8	4	0	0	6								
21	11	9932	39	38	37	29	21	80	8	02	2	5	5	5	2		6								
21	14	9967	39	39	39	27	26	24	8	87	8	6	2	4			7								
21	17	9989	41	41	40	28	27	16	8	50	6	7	1				6								
21	20	0010	40	40	40	26	12	24	8	50	6	8	2	3											
21	23	0010	42	41	41	27	34	40	8	02	8	8	8	3			6			29	50	458	088	45	36
22	02	0024	45	43	41	27	35	80	8	02	2	8	2	4			6								
22	05	0002	41	41	41	30	30	80	8	02	2	8	2	4	7		6								
22	08	9997	41	41	41	30	33	81	5	02	1	4	2	4	3	1	6								
22	11	9986	43	43	41	29	25	80	8	02	2	4	5	4	7		6								
22	14	9969	42	42	42	27	25	40	8	58	2	5	5	4	1		6								
22	17	9944	41	41	41	27	15	32	8	55	2	5	8	4			6								
22	20	9920	35	35	35	23	11	24	8	58	7	8	6	4			6								
22	23	9932	33	33	33	21	13	16	8	71	7	8	0	4	2					27	56	467	001	45	33
23	02	9938	36	35	32	23	22	80	5	02	7	2	2	4	7	0	6								
23	05	9952	36	35	35	25	25	81	4	02	2	4	8	4	0	0	5								
23	08	9970	37	35	33	22	25	81	7	03	2	5	8	4	0	2	5								
23	11	9998	36	34	31	29	25	81	7	02	2	6	2	5			6								
23	14	0015	37	35	32	27	20	81	8	02	2	7	8	4			6								
23	17	0025	37	35	33	27	20	81	8	25	8	8	8	4			6								
23	20	0044	37	36	35	27	20	80	8	26	8	8	8	4			6								
23	23	0075	37	35	33	22	20	80	8	80	8	8	2	4			5			24	67	437	034	38	34
24	02	0113	37	35	33	22	25	81	8	02	2	8	2	4			5								
24	05	0146	35	34	32	21	30	81	7	02	8	7	2	4			5								
24	08	0160	37	34	29	20	35	32	7	02	2	7	8	4			5								
24	11	0184	37	35	31	18	26	82	6	02	2	6	5	5	0	0	5								
24	14	0203	37	36	34	20	23	82	7	02	2	7	8	4	2		5								
24	17	0205	36	35	34	20	12	40	8	02	2	5	8	2			5								
24	20	0203	36	36	36	21	10	24	8	20	5	8	6	2			5								
24	23	0173	38	37	35	29	02	80	8	02	6	8	5	4			6			21	50	449	007	39	34
25	02	0122	45	43	41	27	26	82	8	02	2	8	5	4			7								
25	05	0082	43	43	43	27	43	40	8	61	2	8	0	4	2										
25	08	0055	44	43	42	27	35	40	8	60	6	8	0	5	2		6								
25	11	0045	45	44	43	27	35	40	8	61	6	8	0	5	2		6								
25	14	0028	41	41	41	23	17	32	8	63	6	8	0	4	2		6								
25	17	0017	41	41	41	20	13	32	8	63	6	8	0	4	2		6								
25	20	0016	39	39	39	20	13	32	8	51	6	8	6	2											
25	23	0011	39	39	39	18	10	40	8	51	5	8	6	2						20	63	479	019	45	39
26	02	9984	42	42	42	31	07	48	8	51	5	8	6	3											
26	05	9944	45	45	45	22	20	08	8	51	5	8	6	3											
26	08	9945	41	41	41	25	20	08	8	51	5	8	6	2											
26	11	9968	38	38	38	22	27	06	8	51	5	8	6	4			5								
26	14	9989	36	35	34	22	30	24	8	02	5	8	6	4			5								
26	17	0002	36	34	30	20	30	80	8	02	7	8	5	4			5								
26	20	0040	36	34	30	27	27	80	8	02	2	8	5	4			5								
26	23	0049	36	35	28	29	20	81	3	26	8	3	2	4	0	0	6			24	57	452	074	47	35
27	02	0055	35	35	34	27	30	81	5	03	1	5	2	4	0	0	6								
27	05	0073	33	32	30	25	20	16	8	85	8	8	2	4			6								
27	08	0078	35	34	31	25	22	80	8	02	8	8	2	4			6								
27	11	0093	37	37	37	25	32	08	8	66	8	8	2	4			6								
27	14	0095	37	35	32	26	20	82	8	26	8	7	2	4			6								
27	17	0101	37	35	32	27	16	81	7	02	8	7	8	4			6								
27	20	0083	38	36	34	27	23	81	8	02	8	8	8	4			6								
27	23	0058	38	36	34	27	20	81	8	02	8	8	8	4			6			25	54	427	001	38	3

Results of Surface Observations, Heard Island, April, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
28	02	0030	38	37	36	28	24	80	8	50	2	α	6	3			6								
28	05	9988	36	35	34	25	22	80	7	02	5	α	α	4			6								
28	08	9974	36	35	32	25	22	80	7	02	8	7	α	4			6								
28	11	9965	38	37	36	25	30	40	8	80	8	8	8	4			6								
28	14	9978	37	37	36	25	28	64	8	02	8	6	5	4			6								
28	17	0003	37	36	35	25	28	64	7	02	8	7	α	4			6								
28	20	0024	37	36	34	23	25	64	8	02	2	α	8	4			6								
28	23	0057	36	35	33	23	37	64	8	25	2	6	6	4			6			25	60	496	005	38	34
29	02	0062	35	34	33	23	30	64	8	26	8	8	8	4			6								
29	05	0076	36	34	30	22	25	81	8	02	2	α	2	4			5								
29	08	0082	36	35	34	27	15	80	α	83	8	α	α	4			5								
29	11	0066	37	37	36	27	20	64	8	20	5	α	5	4			5								
29	14	0059	39	38	36	29	20	64	8	02	2	α	6	4			6								
29	17	0025	39	38	36	27	40	64	8	02	2	α	5	4			6								
29	20	0013	39	39	38	25	25	40	8	61	6	α	C	4	2		6								
29	23	0017	38	38	38	27	35	56	8	60	6	α	C	4	2		6			26	70	471	002	39	33
30	02	0030	37	36	35	25	30	80	8	02	6	α	2	4			5								
30	05	0049	36	35	32	22	28	81	7	02	2	α	5	4			5								
30	08	0071	36	34	31	21	30	81	7	05	2	8	6	4	3		5								
30	11	0084	36	35	34	20	22	81	7	27	8	8	6	4			5								
30	14	0092	37	37	37	25	14	24	8	25	8	6	6	2			6								
30	17	0103	37	37	37	23	19	40	8	10	4	6	6	1			6								
30	20	0104	37	37	37	21	23	40	8	10	4	6	6	2			6								
30	23	0098	35	35	35	25	20	24	8	53	5	α	6	2						26	60	469	007	38	35

Results of Surface Observations, Heard Island, May, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	02	0091	36	35	34	22	21	80	8	00	5	0	0	4											
01	05	0077	37	36	35	22	25	64	8	80	8	0	0	4											
01	08	0074	37	37	37	23	23	40	6	50	2	0	0	4			6								
01	11	0047	38	38	38	23	23	40	8	51	5	0	0	4			6								
01	14	0062	39	38	37	20	17	40	8	50	5	0	0	2			6								
01	17	9959	40	39	38	23	15	40	8	50	5	0	0	2			6								
01	20	9946	39	39	39	20	12	32	8	51	5	0	0	2			6								
01	23	9961	41	41	41	29	15	40	8	50	5	0	0	3			6			22	42	341	004	41	36
02	02	9731	42	42	42	29	33	40	8	50	5	0	0	3			6								
02	05	9768	41	40	39	27	40	16	8	63	6	0	0	3			6								
02	08	9719	37	36	35	29	45	24	8	60	6	0	0	3			6								
02	11	9756	36	35	34	22	38	80	8	87	8	0	0	4			5								
02	14	9821	35	34	32	22	35	64	8	80	8	0	0	3			5								
02	17	9874	33	33	32	20	32	80	8	87	8	0	0	3			5								
02	20	9924	31	31	31	22	35	81	6	26	8	0	0	4			5								
02	23	9961	34	34	34	22	30	81	5	01	2	5	2	4	C	0	5			22	61	651	032	43	31
03	02	9985	35	34	31	25	20	81	4	02	2	4	2	4	0	0	5								
03	05	0006	36	34	32	25	18	80	7	02	8	7	8	4			5								
03	08	0022	35	33	30	22	18	82	6	02	1	5	2	5	5	0	5								
03	11	0035	36	35	34	25	10	82	7	02	2	7	2	4			6								
03	14	0020	36	35	34	25	07	48	8	02	2	8	2	4			7								
03	17	0008	36	35	34	03	02	48	8	78	2	7	6	4	2										
03	20	9961	35	35	35	02	16	24	8	53	5	6	0	3	2										
03	23	9882	37	37	37	04	18	16	8	53	6	8	0	3	2					24	46	292	004	38	35
04	02	9793	41	41	41	04	15	08	8	65	6	8	0	2	2										
04	05	9758	42	42	42	29	30	32	5	10	6	5	6	3			6								
04	08	9771	41	40	39	27	34	40	8	10	2	8	6	4			6								
04	11	9766	41	41	40	27	36	48	8	02	2	8	6	4			6								
04	14	9787	39	39	38	25	22	40	8	10	2	8	6	4			6								
04	17	9824	37	37	36	25	23	40	8	10	2	8	5	4			6								
04	20	9854	36	36	36	23	17	40	8	02	2	8	5	4			6								
04	23	9906	36	36	36	22	05	40	8	02	2	8	5	4			6			27	66	417	094	43	36
05	02	9749	37	37	37	03	06	40	8	61	2	8	0	4	2										
05	05	9661	36	36	36	04	18	24	8	63	6	8	0	4	2										
05	08	9602	39	39	39	00	00	56	8	60	6	8	0	4	2										
05	11	9566	36	36	35	18	27	81	7	21	6	4	5	4	2	4	5								
05	14	9691	35	35	33	20	30	81	7	26	8	6	8	4	3		5								
05	17	9755	35	34	32	20	30	81	8	02	8	8	8	3			5								
05	20	9783	33	31	29	27	04	60	8	85	2	8	8	3											
05	23	9786	33	32	30	25	10	80	5	85	2	5	2	4	C	0				16	53	334	049	39	32
06	02	9790	33	32	32	18	04	40	7	85	2	7	2	4											
06	05	9785	34	33	30	00	00	80	6	02	8	6	2	4	C	0	5								
06	08	9747	35	34	33	34	10	81	7	02	8	6	2	4	4		7	6							
06	11	9693	37	36	34	33	20	80	7	02	8	7	2	4			7								
06	14	9685	34	34	34	27	23	08	8	86	8	6	2	4			6								
06	17	9660	35	33	31	29	17	32	7	26	8	7	2	5			7								
06	20	9644	34	34	28	27	18	62	3	02	8	3	2	5			7								
06	23	9634	34	31	27	27	20	62	4	02	8	4	2	4	C	0	6			28	47	290	015	37	31
07	02	9621	35	31	27	27	24	16	7	86	8	7	2	4			6								
07	05	9603	34	34	33	27	26	40	7	27	8	7	2	4			6								
07	08	9613	34	33	33	28	27	80	7	02	2	7	2	5			6								
07	11	9613	35	34	33	25	22	80	7	26	8	7	2	5			6								
07	14	9663	33	31	27	25	22	80	7	26	8	6	2	5	3		6								
07	17	9696	32	31	30	25	12	40	7	88	8	6	2	4			6								
07	20	9720	33	29	25	27	22	80	4	26	8	4	2	4			6								
07	23	9730	33	29	25	27	20	80	3	02	8	3	2	4	C	0	6			25	45	415	004	35	30
08	02	9739	32	29	24	27	12	61	2	02	1	2	4	4	C	0	6								
08	05	9747	31	31	30	27	10	80	8	03	1	8	5	4	C	0	6								
08	08	9774	31	29	25	18	15	81	7	26	8	6	8	4	C	2	5								
08	11	9810	32	31	30	18	15	40	7	85	8	7	8	4			5								
08	14	9848	30	28	23	18	20	80	7	26	8	7	8	5			4								
08	17	9877	30	27	20	18	20	81	7	15	2	7	2	5			4								
08	20	9915	29	26	26	18	20	81	5	02	2	5	8	5	C	0	4			17	31	364	006	33	26
08	23	9945	28	25	16	16	12	61	3	01	1	3	5	5	C	0	4								
09	02	9963	29	27	23	20	10	81	4	03	1	4	5	5	C	0	4								
09	05	9970	28	27	25	25	17	81	6	02	8	6	8	5	C	0	5								
09	08	9958	28	28	24	25	12	04	8	66	8	6	8	4			6								
09	11	9967	30	27	21	22	31	80	6	36	8	6	6	3	C	0	5								
09	14	9994	26	26	22	20	40	24	8	36	8	8	8	5			5								
09	17	0043	26	25	23	19	36	01	8	86	8	8	8	5			5								
09	20	0105	30	27	20	19	35	81	7	02	8	7	8	5			5								
09	23	0121	31	27	18	21	16	80	8	02	2	8	5	4			5			23	52	466	007	31	26

Results of Surface Observations, Heard Island, May, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	02	0127	33	32	31	26	04	16	8	71	7	8	6	3											
10	05	0116	36	35	35	20	27	16	8	10	7	8	6	2											
10	08	0128	36	35	34	22	30	40	8	10	2	8	6	2			6								
10	11	0130	36	35	34	22	30	32	8	50	5	8	6	2			6								
10	14	0136	37	35	33	22	26	64	8	25	2	8	8	4			6								
10	17	0144	35	34	33	22	25	40	8	50	2	8	6	4			6								
10	20	0145	36	35	32	20	28	40	8	50	5	8	6	4											
10	23	0144	36	35	33	25	18	40	8	50	5	8	6	4						23	50	459	012	37	35
11	02	0145	37	35	33	25	15	80	8	25	2	8	8	4			6								
11	05	0144	37	37	35	29	15	64	8	50	5	8	5	4			6								
11	08	0144	39	38	38	27	20	80	8	20	5	8	5	4			6								
11	11	0144	40	38	37	25	20	80	8	02	2	8	8	4			6								
11	14	0144	41	39	36	27	23	80	8	02	2	8	8	4			6								
11	17	0146	41	39	36	27	20	80	8	02	2	3	8	4	7		6	7							
11	20	0143	41	39	36	27	38	64	8	25	2	4	8	4	2		6								
11	23	0137	41	39	36	29	32	80	8	02	2	8	8	4			6			29	49	436	006	43	37
12	02	0139	40	38	35	29	27	80	8	02	8	7	8	4			6								
12	05	0140	39	37	35	29	22	80	8	02	8	8	8	4			6								
12	08	0128	39	38	36	30	20	81	8	02	8	7	5	5			6								
12	11	0122	41	38	33	00	00	82	8	02	2	8	5	5			6								
12	14	0084	38	37	36	36	07	81	8	02	2	6	5	4	7		8								
12	17	0045	38	38	38	03	05	24	8	61	6	8	0	2	2	8	8								
12	20	0010	39	39	38	22	10	12	8	63	6	8	0	2	2										
12	23	9982	36	35	34	20	25	80	8	02	6	8	0	3						20	43	539	001	41	36
13	02	0002	34	32	27	18	35	82	4	01	1	4	5	4	0	0	5								
13	05	0017	34	33	32	22	23	80	5	02	1	5	5	4	0	0	5								
13	08	0030	36	33	29	27	28	80	5	22	1	5	2	4	0	0	6								
13	11	0043	36	34	31	29	29	80	7	02	1	7	2	4			6								
13	14	0075	37	34	30	27	25	80	7	02	1	7	2	5			6								
13	17	0111	36	35	32	27	22	80	7	02	1	7	8	5			6								
13	20	0143	35	34	30	27	24	80	7	25	2	7	8	5			6								
13	23	0155	35	33	30	22	22	80	7	02	2	7	8	5			6			24	60	494	065	37	34
14	02	0157	34	33	32	20	07	40	8	56	2	8	6	4											
14	05	0135	33	33	33	00	00	24	8	71	7	8	6	2											
14	08	0091	37	37	37	29	10	56	8	50	7	8	6	3											
14	11	0060	41	40	39	29	32	32	8	61	6	8	6	3			7								
14	14	0057	42	42	41	27	40	24	8	61	6	5	7	4	2		6								
14	17	0068	42	42	41	27	35	16	8	60	6	6	7	2	2		6								
14	20	0069	44	43	41	27	30	64	8	02	2	8	7	5			6								
14	23	0066	43	42	41	25	30	60	8	02	2	5	5	4	3		6			28	57	443	018	44	33
15	02	0086	39	38	38	20	10	24	8	51	5	8	6	3											
15	05	0105	37	36	35	21	12	81	7	02	5	7	5	4			5								
15	08	0116	37	37	36	21	18	82	6	02	1	6	5	4	0	0	5								
15	11	0127	38	36	34	22	17	82	6	02	1	6	3	3	3	0	5	6							
15	14	0107	36	36	36	36	11	81	7	02	1	7	2	3	7	8	6	6							
15	17	0073	36	36	36	03	05	80	8	02	1	8	8	2			6								
15	20	0018	40	40	39	00	00	16	8	63	6	8	8	2											
15	23	9979	45	44	43	32	23	24	8	63	6	8	6	2						31	44	299	044	45	35
16	02	9960	45	45	45	29	25	48	8	62	6	8	6	3											
16	05	9972	39	38	37	27	22	64	8	02	6	8	5	4			6								
16	08	9991	38	36	33	26	18	80	6	02	1	6	8	5	0	0	6								
16	11	0012	38	36	33	28	27	80	7	02	1	7	8	5			6								
16	14	0023	38	36	33	25	26	80	5	05	1	5	2	5	0	0	6								
16	17	0034	37	35	33	25	25	64	5	05	1	4	2	5	0	1	6								
16	20	0050	37	35	32	23	15	80	7	02	1	7	2	5			6								
16	23	0050	35	34	32	20	07	80	7	02	1	2	5	5	3		6			29	58	417	020	48	35
17	02	0042	35	33	30	20	03	80	8	02	2	1	5	5	1		6								
17	05	0021	35	34	32	36	02	81	8	02	2	8	5	4											
17	08	9989	35	33	32	36	16	81	8	02	2	8	5	4			8								
17	11	9947	34	33	32	02	12	81	8	02	2	8	5	4			8								
17	14	9902	34	34	34	02	04	56	8	56	2	8	5	4			8								
17	17	9869	34	34	34	32	07	16	8	68	2	8	6	2											
17	20	9864	36	34	30	27	16	81	7	02	2	7	5	5			7								
17	23	9858	34	33	31	29	18	82	5	26	8	4	6	5	0	1	7			23	34	205	000	36	33
18	02	9849	35	33	31	27	10	81	8	26	8	8	8	4			7								
18	05	9848	31	29	25	26	18	80	6	26	8	6	2	4	0	0	6								
18	08	9831	31	30	28	27	15	80	8	26	8	8	2	4			6								
18	11	9849	33	32	30	20	26	80	7	26	8	6	8	5	3		5								
18	14	9875	31	30	31	22	34	86	8	02	8	8	3	4			5								
18	17	9920	34	31	25	21	30	04	8	02	8	8	8	5			5								
18	20	9964	34	33	33	20	24	81	8	26	8	8	8	5			5								
18	23	0033	34	33	30	19	28	82	7	26	8	7	2	5			5			22	68	503	010	35	31

Results of Surface Observations, Heard Island, May, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St. miles	Points	°F	°F
19	02	0091	34	34	34	18	22	82	8	02	2	8	5	5			5								
19	05	0130	34	33	32	19	28	80	8	02	2	8	5	5			4								
19	08	0159	34	33	31	20	24	80	7	02	1	8	5	5			4								
19	11	0173	32	32	32	25	12	64	8	26	8	8	5	4			4								
19	14	0163	34	34	34	22	04	64	8	70	8	8	6	4			6								
19	17	0159	32	31	29	25	24	64	8	02	8	8	6	2			6								
19	20	0168	32	31	29	20	20	64	8	02	2	8	6	3			5								
19	23	0172	36	36	36	25	12	40	8	50	2	8	6	3			5			24	40	452	001	37	32
20	02	0143	37	37	37	29	12	40	8	61	5	8	6	4			6								
20	05	0123	39	39	39	20	20	24	8	50	6	8	6	2											
20	08	0125	39	39	39	20	20	08	8	50	5	8	6	2											
20	11	0146	38	38	38	20	25	08	8	50	5	8	6	1			4								
20	14	0143	39	39	39	20	20	04	9	45	4	8	6	0											
20	17	0137	40	40	40	02	22	04	9	45	4	8	6	0											
20	20	0130	48	47	46	22	23	80	8	02	4	8	5	4			5								
20	23	0109	45	45	45	29	40	40	8	60	6	8	6	4			6			29	62	448	023	51	38
21	02	0091	47	46	45	27	40	64	8	02	2	8	6	4			6								
21	05	0081	40	40	40	22	12	24	8	61	6	8	6	3											
21	08	0076	39	39	39	22	24	80	8	25	8	8	2	4			6								
21	11	0078	38	37	34	27	22	80	7	05	2	6	2	5	3		6								
21	14	0065	37	34	29	27	35	88	6	05	1	2	1	5	3	9	6	6							
21	17	0052	36	33	30	26	34	81	5	02	1	4	4	5	4	0	6	6							
21	20	0038	35	32	28	26	35	81	3	05	1	3	5	5	0	0	6								
21	23	0019	34	31	27	26	23	81	7	26	8	7	2	4			6			27	74	510	005	48	33
22	02	9983	33	31	28	26	24	24	8	85	8	8	2	4			6								
22	05	9925	29	29	29	27	30	40	8	86	8	8	2	4			6								
22	08	9901	30	29	26	27	30	64	7	26	8	7	2	4			6								
22	11	9882	32	30	26	27	32	40	7	26	8	6	2	4	3		6								
22	14	9865	29	28	27	23	38	40	8	86	8	7	2	3			5								
22	17	9868	29	27	25	22	45	40	8	26	8	7	2	3			5								
22	20	9882	31	28	23	22	48	40	8	07	8	7	2	3			5								
22	23	9899	31	29	24	22	45	54	7	07	3	7	2	3			5			22	93	732	000	33	27
23	02	9918	31	29	24	22	45	40	7	07	3	7	2	3			5								
23	05	9934	31	29	26	22	45	80	7	26	2	7	8	4			5								
23	08	9969	28	28	27	20	45	80	7	26	8	7	8	4			5								
23	11	0008	32	30	26	18	38	80	8	16	8	8	8	5			4								
23	14	0035	32	30	26	20	35	81	8	26	8	8	2	5			4								
23	17	0057	33	31	28	20	32	81	6	16	8	6	8	5	0	0	4								
23	20	0070	34	32	28	22	37	81	8	02	2	8	8	5			5								
23	23	0080	34	32	28	22	25	81	8	02	2	8	8	5			5			21	66	721	000	35	28
24	02	0089	32	31	29	25	28	80	8	26	8	8	8	4			5								
24	05	0102	33	32	31	21	30	40	8	86	8	8	2	4			5								
24	08	0104	31	30	29	21	26	08	8	86	8	8	2	4			5								
24	11	0111	34	32	29	25	25	64	7	02	8	7	2	5			5								
24	14	0114	33	32	31	22	13	56	7	26	8	7	8	4			5								
24	17	0099	34	33	33	04	02	32	8	70	8	7	8	4											
24	20	0058	34	34	34	03	10	16	8	63	6	8	0	3	2										
24	23	0016	40	39	39	28	10	24	8	63	6	8	0	4	2					24	50	375	000	41	31
25	02	9998	37	37	37	22	21	24	6	10	2	6	2	4	0	0	5								
25	05	9998	35	35	35	20	14	40	8	10	4	8	6	2											
25	08	9985	34	34	34	35	07	64	7	02	4	6	6	2	3		7								
25	11	9953	35	35	35	04	07	80	7	02	4	6	6	2	7		8								
25	14	9926	36	36	36	32	05	40	8	40	4	8	6	2			7								
25	17	9918	36	36	36	26	20	24	8	63	6	8	6	2			5								
25	20	9954	36	35	34	22	30	40	8	60	6	8	6	2			5								
25	23	9969	36	35	34	25	14	56	8	21	6	8	6	2						22	40	287	045	43	33
26	02	9966	37	35	33	25	16	80	8	21	6	8	5	4			5								
26	05	9973	36	35	33	29	20	81	8	02	2	8	5	4			6								
26	08	9981	35	34	31	22	24	81	8	02	2	8	5	4			5								
26	11	9995	35	34	31	22	30	80	8	56	2	8	6	4			5								
26	14	0009	35	34	31	22	32	81	7	02	2	8	8	4			5								
26	17	0030	35	33	29	20	27	81	7	02	2	8	8	4			5								
26	20	0034	33	33	33	20	25	81	8	26	8	8	8	4			5								
26	23	0036	33	32	30	22	20	81	3	01	8	3	2	4	0	0	5			22	46	458	017	36	32
27	02	0034	32	32	31	20	07	80	8	26	8	8	2	4			5								
27	05	0009	34	34	34	36	02	24	8	69	7	8	0	4	2										
27	08	9961	34	34	34	36	08	16	8	69	6	8	0	2	2										
27	11	9924	33	33	37	25	18	16	8	51	6	8	0	4			6								
27	14	9925	36	35	34	22	22	80	8	25	8	8	2	4			6								
27	17	9914	37	35	32	27	21	72	8	25	8	8	2	4											
27	20	9890	36	35	34	27	18	32	8	61	6	8	5	3											
27	23	9889	36	35	34	27	12	80	8	02	6	8	6	3						24	46	268	021	39	32

Results of Surface Observations,
Heard Island, May, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	02	9909	36	34	31	27	18	82	5	02	1	3	2	4			6								
28	05	9924	34	34	34	27	28	40	5	26	3	5	2	4			6								
28	08	9938	36	35	30	27	20	80	6	26	3	6	2	4			6								
28	11	9950	36	34	31	27	23	80	7	02	3	7	8	4			6								
28	14	9953	36	34	30	29	20	80	7	26	2	6	8	4	4		6								
28	17	9948	36	35	32	29	18	80	7	02	3	7	8	4			6								
28	20	9915	36	35	34	29	15	32	8	80	3	8	8	4			6								
28	23	9855	35	35	35	04	16	40	8	50	3	8	6	4						28	60	355	030	37	32
29	02	9778	37	37	37	04	07	24	8	69	6	8	0	4	2										
29	05	9731	38	38	38	29	15	64	8	50	6	8	0	4	2										
29	08	9679	39	39	38	29	20	56	8	62	6	8	0	4	2		6								
29	11	9658	37	35	32	29	22	81	7	02	3	7	2	4			7								
29	14	9636	36	35	33	27	23	81	6	26	3	6	2	4			7								
29	17	9620	35	35	34	27	27	80	6	83	3	6	8	4			6								
29	20	9646	36	35	34	27	30	80	8	80	3	8	8	4			6								
29	23	9734	34	33	32	22	45	80	8	80	3	8	6	4			5			22	75	390	068	39	33
30	02	9794	34	31	27	22	38	81	7	02	3	7	2	4			5								
30	05	9831	32	30	27	20	30	81	8	02	3	7	2	4			5								
30	08	9855	33	31	28	22	30	82	7	02	3	7	2	4			5								
30	11	9871	33	32	29	22	21	82	7	02	3	7	2	4			5								
30	14	9891	32	30	27	21	20	82	7	26	3	7	2	4			5								
30	17	9907	31	29	25	22	26	81	6	26	3	6	2	4			5								
30	20	9912	29	27	24	21	19	82	4	01	3	4	2	4			5								
30	23	9924	28	27	24	22	22	82	4	02	3	4	2	4			5			20	69	524	014	34	27
31	02	9924	28	26	21	20	20	82	2	01	3	2	4	5			5								
31	05	9920	30	29	26	22	22	80	5	02	1	5	2	4			5								
31	08	9918	29	28	26	22	08	32	7	36	1	7	8	4			5								
31	11	9916	27	26	26	20	27	04	7	86	3	7	2	4			5								
31	14	9912	29	29	26	22	18	80	7	26	3	7	2	5			5								
31	17	9921	30	29	26	19	27	40	7	26	3	7	3	5			5								
31	20	9929	31	30	28	19	25	64	5	26	3	5	2	5			4								
31	23	9951	28	27	25	18	35	04	8	86	3	6	2	4			4			22	41	567	000	31	27

Results of Surface Observations, Heard Island, June, 1954

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		$mb \times 10^{-1}$	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	02	9947	29	28	25	18	32	40	3	26	8	3	2	4	0	0	4								
01	05	9960	29	27	24	20	23	81	8	02	8	5	2	4	0	8	4								
01	08	9970	29	27	23	18	30	80	7	85	8	7	2	4			4								
01	11	9989	29	26	27	19	27	81	7	02	8	7	8	4			4								
01	14	9994	27	27	27	18	25	04	8	66	8	8	2	4			4								
01	17	0002	26	27	25	20	20	61	8	26	8	8	8	3			4								
01	20	0008	26	27	26	20	15	81	6	26	8	6	8	3	0		4								
01	23	0011	28	27	25	18	12	82	1	01	8	1	2	3	0	0	4			19	38	624	000	31	26
02	02	0021	29	27	24	20	15	82	4	02	1	4	8	3	0	0	4								
02	05	0033	29	28	25	22	06	82	8	02	2	8	8	4			5								
02	08	0033	28	26	21	18	05	82	7	02	1	7	5	3			5								
02	11	0042	29	28	26	11	02	82	5	02	0	5	5	3	0	0	5								
02	14	0034	29	27	23	02	04	82	6	02	1	6	5	3	0	0	1								
02	17	0021	29	27	23	02	14	82	7	02	1	7	5	3			1								
02	20	0004	29	28	25	02	20	82	1	01	1	1	5	3	0	0	1								
02	23	9988	30	29	26	02	27	82	6	03	1	6	5	3	0	0	1			04	38	267	000	30	26
03	02	9963	31	30	28	03	29	81	7	02	2	7	5	3			1								
03	05	9957	35	35	35	04	30	16	8	51	5	8	6	4			1								
03	08	9904	35	34	33	04	30	16	8	51	5	8	6	3			1								
03	11	9874	36	35	35	04	28	64	7	10	5	7	6	4			1								
03	14	9828	37	36	35	04	24	64	7	02	2	6	6	3	0	2	1								
03	17	9793	38	37	36	04	24	64	7	02	2	5	6	3	4	2	1								
03	20	9765	37	37	37	04	13	32	8	61	6	8	0	4	2										
03	23	9738	36	36	36	34	07	16	8	61	6	8	0	4	2					04	43	423	005	39	31
04	02	9721	35	34	34	00	00	80	4	21	6	4	6	4	0	0									
04	05	9709	35	35	35	00	00	04	9	45	4	8	6	0											
04	08	9693	33	33	33	36	02	04	9	45	4	8	6	0											
04	11	9695	34	34	34	36	06	05	9	43	4	8	6	0											
04	14	9688	35	35	34	34	05	82	6	40	2	3	6	2	0	2	8								
04	17	9693	34	34	34	36	02	12	8	10	2	8	6	2			8								
04	20	9698	34	34	34	00	00	12	8	10	2	8	6	2											
04	23	9704	33	33	33	00	00	02	9	47	4	8	6	0						36	13	090	034	36	32
05	02	9715	33	33	33	00	00	32	8	28	4	8	6	2											
05	05	9729	33	33	33	22	05	02	9	47	4	8	6	0											
05	08	9736	34	34	34	22	10	02	9	45	4	8	6	0											
05	11	9751	34	34	34	25	02	40	8	28	4	8	6	1			5								
05	14	9766	34	34	34	34	02	16	8	40	4	8	6	1			6								
05	17	9783	34	34	34	35	03	40	8	41	4	8	6	1											
05	20	9801	34	34	34	04	01	32	8	10	4	8	6	1											
05	23	9816	33	33	32	04	04	04	9	45	4	8	6	0						24	13	111	001	35	32
06	02	9852	33	32	30	07	16	64	8	02	4	8	6	3											
06	05	9845	31	31	30	04	16	64	5	26	2	5	6	3	0	0									
06	08	9864	30	29	27	04	16	80	7	26	2	7	6	2											
06	11	9876	31	30	29	04	14	80	8	26	2	3	6	2	2		1								
06	14	9881	31	30	28	04	17	80	8	02	2	5	8	4	2		1								
06	17	9884	31	30	30	04	24	40	7	10	2	5	6	2	2		1								
06	20	9885	31	31	30	04	26	40	8	56	5	8	6	2			1								
06	23	9883	30	30	30	04	28	08	8	70	5	8	6	2			1			05	41	315	000	33	29
07	02	9882	30	30	30	04	30	16	5	70	7	5	6	2	0	0	1								
07	05	9884	31	31	30	07	30	08	8	70	7	8	6	2			1								
07	08	9895	32	32	32	07	25	08	8	70	7	8	6	2			1								
07	11	9897	33	32	31	07	23	06	8	71	7	8	0	4	2		1								
07	14	9892	33	33	32	07	20	82	5	01	7	3	5	4	3	0	1								
07	17	9901	34	33	31	00	00	80	7	02	1	7	5	4			1								
07	20	9915	33	33	33	18	05	64	7	02	2	7	6	2											
07	23	9927	33	32	31	00	00	81	3	01	2	3	6	4	0	0				05	41	276	002	34	29
08	02	9942	33	33	31	20	15	81	7	03	1	7	6	4											
08	05	9958	33	31	29	20	13	81	7	26	8	7	2	4			5								
08	08	9981	32	30	27	22	16	81	7	02	2	7	2	4			5								
08	11	0001	32	31	28	20	12	83	4	01	1	3	4	3	0	1	5		6						
08	14	0015	33	31	27	21	08	83	6	02	1	5	5	3	3	0	5	6							
08	17	0029	32	31	29	27	02	81	7	02	2	7	5	4			6								
08	20	0032	32	31	30	36	04	80	8	02	2	8	5	4											
08	23	0020	32	32	32	36	08	80	7	02	2	7	5	4						22	24	203	015	34	31
09	02	0005	34	33	32	01	11	80	8	02	2	8	5	4											
09	05	9970	33	33	33	02	16	40	8	50	2	8	6	2											
09	08	9943	34	34	33	02	18	16	8	51	5	8	6	2											
09	11	9893	35	34	32	07	20	12	8	61	6	8	6	4											
09	14	9830	36	36	36	04	25	16	8	61	6	8	6	4											
09	17	9793	38	38	38	02	22	16	8	51	6	8	6	4											
09	20	9766	35	35	35	36	14	16	8	51	5	8	6	2											
09	23	9780	34	33	32	26	14	16	8	51	5	8	6	2						01	41	317	003	38	32

Results of Surface Observations,
Heard Island, June, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	02	9799	34	33	32	25	15	24	8	50	5	6	2	2											
10	05	9794	34	32	29	25	05	80	8	02	2	8	6	4											
10	08	9760	32	32	32	07	20	06	8	71	7	8	6	3											
10	11	9742	35	34	33	27	20	81	7	02	2	7	5	4			6								
10	14	9753	36	35	32	29	15	81	8	02	2	8	5	4			6								
10	17	9762	36	34	32	29	18	81	6	02	2	6	4	4	0	0	6								
10	20	9783	36	35	33	32	10	82	8	02	2	8	8	4			7								
10	23	9796	35	34	36	32	06	82	3	01	1	3	5	4	0	0	7			29	38	261	056	31	31
11	02	9815	35	35	34	07	04	81	8	03	2	8	6	4											
11	05	9825	35	35	35	36	08	80	8	02	2	8	6	4											
11	08	9836	36	35	34	36	05	81	8	02	2	8	5	5											
11	11	9841	36	35	34	02	06	82	7	03	1	6	6	4	4		8								
11	14	9843	36	35	35	02	03	64	7	05	2	6	6	3	3		8								
11	17	9855	35	35	35	02	05	80	7	02	2	6	6	3	3		8								
11	20	9865	35	34	33	00	00	81	8	02	2	8	5	4			8								
11	23	9877	35	35	34	00	00	81	8	02	2	8	5	4			8			35	16	105	018	36	34
12	02	9884	35	35	34	02	02	81	8	02	2	8	5	4			8								
12	05	9896	34	34	33	34	03	81	8	02	2	8	6	2											
12	08	9914	31	31	30	22	18	80	7	26	2	7	6	4			5								
12	11	9935	31	31	31	21	26	80	7	26	7	7	6	4			5								
12	14	9950	31	29	24	22	22	80	7	26	8	7	7	3			5								
12	17	9965	30	27	21	22	19	81	7	02	8	7	7	2			5								
12	20	9963	29	26	18	22	14	82	3	02	0	3	8	5			4								
12	23	9962	28	25	19	18	07	82	2	02	0	2	5	3	0	0	4			22	37	290	001	35	27
13	02	9949	25	23	18	00	00	82	1	02	0	1	5	3	0	0									
13	05	9920	27	25	21	03	08	83	1	01	0	1	5	6	0	0									
13	08	9916	27	25	19	04	12	83	3	03	1	3	5	6	0	0	1								
13	11	9900	29	26	20	03	15	83	7	03	1	6	5	6	0	1	1								
13	14	9868	29	26	20	04	19	83	7	02	1	3	5	6	4	8	1								
13	17	9842	28	25	19	04	22	82	3	02	1	3	5	6	4	0	1								
13	20	9808	28	25	19	04	27	82	6	02	1	3	5	6	4	0	1								
13	23	9788	27	25	22	04	30	24	7	70	7	7	8	4			1			05	40	268	000	29	23
14	02	9780	28	26	22	04	23	32	7	36	7	7	6	4			1								
14	05	9780	29	27	24	02	07	81	7	02	3	7	6	4			1								
14	08	9791	29	28	26	29	04	40	/	70	2	6	6	4	4										
14	11	9809	29	27	25	16	27	64	7	36	2	7	8	4			3								
14	14	9828	29	27	20	16	26	80	3	02	3	3	8	5	0	0	4								
14	17	9856	29	28	26	16	28	64	7	36	1	7	2	5			4								
14	20	9880	30	27	21	16	28	80	7	02	1	7	2	5			4								
14	23	9905	30	27	22	18	22	81	6	02	1	6	2	5			4			16	41	435	000	30	27
15	02	9928	30	28	24	18	20	81	7	02	2	7	2	4			4								
15	05	9941	28	26	21	16	12	81	5	01	2	5	2	3	0	0	4								
15	08	9955	28	25	20	18	04	82	3	01	1	3	5	5	0	0	4								
15	11	9947	29	27	22	02	07	82	5	03	1	4	5	3	0	1	8								
15	14	9924	31	28	24	04	20	82	7	03	2	7	5	6			8								
15	17	9901	31	30	28	04	27	81	8	24	5	8	5	3			1								
15	20	9859	31	30	29	04	33	04	8	71	2	8	6	3			1								
15	23	9836	32	32	32	07	40	00	8	73	7	8	6	3			1			03	46	354	000	32	24
16	02	9834	32	32	32	07	25	01	8	73	7	8	6	3											
16	05	9815	33	33	33	04	12	08	8	71	7	8	0	4	2		1								
16	08	9816	34	34	34	04	10	40	8	02	7	8	0	2	2		1								
16	11	9823	34	34	33	00	00	40	7	02	2	7	6	3											
16	14	9822	36	34	32	22	10	82	7	01	1	1	5	3	1	2	6								
16	17	9829	33	32	30	20	17	06	9	47	1	6	6	0											
16	20	9835	33	32	30	21	22	81	8	02	4	1	6	3	1		5								
16	23	9846	32	31	29	20	30	08	9	45	4	8	5	0						20	43	318	041	36	31
17	02	9863	32	31	31	20	30	32	8	02	4	8	6	0			5								
17	05	9891	32	30	27	20	28	80	7	02	2	7	5	3			5								
17	08	9905	34	31	27	21	23	80	7	02	2	7	8	4			5								
17	11	9927	33	32	30	20	20	81	7	02	2	7	5	4			5								
17	14	9936	33	31	27	25	15	81	8	02	2	8	5	4			5								
17	17	9943	32	31	31	20	15	81	8	26	2	8	5	4			5								
17	20	9939	33	31	29	27	05	81	7	02	2	7	6	4			5								
17	23	9934	33	32	31	34	12	40	8	50	2	8	5	4						23	44	398	000	34	31
18	02	9896	34	33	31	36	12	40	8	71	5	8	6	4											
18	05	9865	33	33	33	04	07	16	8	66	6	8	6	2											
18	08	9839	34	34	33	27	17	16	8	20	6	8	6	2											
18	11	9848	34	32	29	25	28	80	8	02	2	8	5	4			6								
18	14	9856	33	31	28	25	20	80	8	26	2	8	5	3			5								
18	17	9857	34	32	28	27	10	80	7	87	8	7	6	4			6								
18	20	9874	34	32	28	26	18	81	6	27	8	6	2	4			5								
18	23	9888	33	29	23	22	16	81	7	87	8	5	2	3	3	0	5			25	44	299	023	34	32

Results of Surface Observations, Heard Island, June, 1954

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	02	9876	33	30	25	27	12	81	7	27	8	7	2	5			5								
19	05	9851	33	31	28	27	16	81	7	02	8	7	2	5			5								
19	08	9858	32	28	19	27	12	82	6	02	8	6	8	5	0	0	5								
19	11	9859	32	30	26	21	15	81	7	16	8	7	2	5			5								
19	14	9812	32	30	26	21	18	80	7	26	8	7	2	4			5								
19	17	9809	31	30	27	18	23	40	7	26	8	7	2	4			5								
19	20	9810	28	27	25	22	30	08	8	86	8	8	2	4			5								
19	23	9802	29	28	25	20	20	80	7	26	8	7	2	4			5			27	36	374	006	33	27
20	02	9791	28	27	23	16	18	80	7	26	8	7	2	4			5								
20	05	9826	25	23	17	16	24	81	5	26	8	5	2	5	0	0	5								
20	08	9856	23	22	19	18	28	08	8	36	8	8	8	4											
20	11	9878	24	23	19	18	30	16	8	86	8	8	2	4			5								
20	14	9887	26	24	19	18	22	81	7	02	8	7	2	5			5								
20	17	9902	27	25	20	19	25	80	7	26	8	7	2	4			5								
20	20	9905	28	26	22	19	22	81	8	02	8	8	2	5			5								
20	23	9903	28	25	18	20	12	81	7	02	2	7	2	5			5			23	45	560	003	30	23
21	02	9881	29	27	24	25	10	80	8	02	2	8	2	4			5								
21	05	9820	33	32	31	29	14	16	8	71	7	8	6	3			6								
21	08	9779	35	35	35	29	25	24	8	62	6	8	6	3			6								
21	11	9753	35	34	33	27	20	80	8	02	6	8	5	4			6								
21	14	9715	32	32	32	27	25	04	8	73	7	8	6	3											
21	17	9703	30	29	27	23	21	80	6	02	8	6	2	4	0		5								
21	20	9700	31	29	26	26	20	81	5	02	2	5	2	5	0	0	5								
21	23	9688	31	29	26	26	17	82	5	26	8	5	2	4	0	0	5			25	56	388	009	36	29
22	02	9659	32	31	30	26	15	81	6	26	8	6	2	4	0	0	5								
22	05	9685	33	31	29	23	26	80	5	36	8	5	2	4	0	0	5								
22	08	9740	32	31	31	22	48	08	8	36	3	8	2	4			5								
22	11	9818	33	31	28	21	38	80	7	36	3	7	2	4			5								
22	14	9861	31	29	25	21	38	80	6	36	3	6	2	5	0	0	5								
22	17	9899	30	28	24	21	33	80	7	36	3	5	2	5	4		5								
22	20	9934	30	28	24	21	28	32	7	85	3	7	2	5			5								
22	23	9968	28	26	23	21	22	40	4	26	8	4	2	5	0	0	5			24	66	668	000	33	27
23	02	9993	28	26	22	23	20	56	5	36	8	5	2	5	0	0	5								
23	05	9992	32	30	28	22	12	81	7	02	8	7	2	4			5								
23	08	9974	30	29	27	27	14	24	8	85	8	8	2	4			6								
23	11	9957	32	31	30	25	20	24	8	72	7	8	6	3			6								
23	14	9949	32	31	31	23	25	64	7	26	8	7	2	4			6								
23	17	9945	32	32	31	26	22	80	7	36	3	7	2	4			6								
23	20	9921	32	32	32	27	17	24	8	86	8	8	2	4			6								
23	23	9903	32	31	28	25	20	80	8	02	8	8	2	4			6			25	57	474	003	34	28
24	02	9905	33	32	30	26	20	80	7	02	8	7	2	4			6								
24	05	9910	32	31	29	22	22	81	5	02	1	5	2	5	0	0	5								
24	08	9940	31	30	29	22	40	80	7	26	2	7	2	5			5								
24	11	9975	32	30	27	21	35	80	7	36	8	7	2	5			5								
24	14	0001	31	28	21	21	28	81	7	02	3	7	8	5			5								
24	17	0007	31	30	27	18	24	48	8	26	2	8	2	5			5								
24	20	0012	32	29	24	20	18	81	8	02	2	8	2	5			5								
24	23	0014	31	30	27	20	03	81	8	02	2	8	8	5			5			23	64	551	000	34	30
25	02	0010	31	30	28	00	00	81	7	02	2	7	8	5											
25	05	0015	32	31	30	36	02	81	8	02	2	8	6	2											
25	08	0015	33	33	33	00	00	81	8	02	2	8	6	4											
25	11	0010	36	36	35	21	10	06	8	61	6	8	6	1											
25	14	9994	38	37	37	22	10	08	8	21	6	8	6	2											
25	17	0000	37	37	37	22	13	06	8	50	5	8	6	2											
25	20	0002	36	36	36	22	13	06	8	51	5	8	6	3											
25	23	0005	36	36	36	22	10	06	8	51	5	8	6	2						27	38	189	000	39	30
26	02	0007	36	36	35	25	14	08	8	51	5	8	6	2											
26	05	9999	36	35	34	22	10	64	8	02	5	8	6	3											
26	08	9984	36	35	33	25	10	80	8	02	2	8	5	4			6								
26	11	9927	34	33	33	34	12	40	8	10	2	8	6	3			6								
26	14	9847	40	40	40	28	22	40	8	59	5	8	6	2			6								
26	17	9834	37	36	35	27	25	48	8	02	8	8	2	4			6								
26	20	9861	35	34	32	26	27	80	8	02	8	8	2	4			6								
26	23	9861	33	31	28	28	20	82	5	01	8	5	2	4	C	0	6			27	62	363	029	41	33
27	02	9845	34	31	28	29	22	82	6	02	1	6	2	4	C	0	6								
27	05	9838	33	30	25	27	22	81	4	02	1	4	2	5	C	0	6								
27	08	9844	32	28	21	27	24	81	5	02	C	5	8	5	C	0	6								
27	11	9839	32	29	23	21	20	64	8	05	2	8	5	3			6								
27	14	9849	31	27	20	22	22	81	5	02	1	5	2	5	0	0	5								
27	17	9868	27	27	26	20	30	64	7	85	2	7	2	5			5								
27	20	9871	29	27	24	26	26	64	7	85	5	7	2	5			5								
27	23	9872	30	27	20	25	22	81	5	02	8	3	2	5			5			26	55	415	025	34	26

Results of Surface Observations, Heard Island, June, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	02	9886	30	27	22	25	20	81	3	02	1	3	2	5	0	0	5								
28	05	9901	30	29	27	27	25	16	7	85	8	7	2	4			6								
28	08	9906	33	31	26	29	32	81	8	02	8	5	2	4	0	8	6								
28	11	9910	30	30	28	32	28	81	7	85	8	7	2	5			6								
28	14	9925	33	29	25	29	25	81	7	26	8	7	2	5			6								
28	17	9953	32	28	21	21	20	81	7	02	1	7	4	5			6								
28	20	9949	30	27	21	18	07	81	6	02	2	6	5	5			6								
28	23	9917	31	28	22	07	25	81	8	02	2	8	6	4						24	54	416	000	34	29
29	02	9884	29	28	27	07	20	08	8	71	7	8	6	3											
29	05	9837	28	27	25	00	00	16	8	71	7	8	0	3	2										
29	08	9809	31	29	25	14	03	80	8	02	7	3	5	4	2		2								
29	11	9800	32	30	26	04	12	81	7	02	1	3	5	5	3		2								
29	14	9796	32	29	27	10	10	40	8	70	7	8	0	5	2		2								
29	17	9802	29	29	29	00	00	32	8	70	7	7	6	3	2		2								
29	20	9806	30	29	27	22	02	64	7	78	7	7	6	3											
29	23	9823	30	28	24	34	03	40	8	70	7	8	6	3						08	36	163	002	32	27
30	02	9858	28	27	26	16	20	24	8	36	2	8	6	3											
30	05	9892	27	26	24	18	27	40	4	36	3	4	6	5	0	0	4								
30	08	9953	27	25	20	17	27	80	3	36	3	3	5	5	0	0	4								
30	11	9948	27	23	12	16	24	82	1	36	3	1	5	6	0	0	4								
30	14	9982	28	25	17	16	14	82	1	03	0	1	5	6	0	0	4		6						
30	17	9999	25	23	16	00	00	83	1	02	0	1	5	6	0	0	5								
30	20	0005	22	20	14	02	05	82	1	02	0	1	5	6	0	0									
30	23	0006	28	25	16	03	13	82	8	02	0	8	5	5						16	46	341	000	31	20

Results of Surface Observations, Heard Island, July, 1954

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND							LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	02	9989	28	25	20	03	18	82	3	02	1	3	5	5	0	0									
01	05	9959	27	25	19	04	23	81	3	02	1	0	0	9	0	2									
01	08	9931	30	30	29	07	32	24	8	10	5	8	6	2											
01	11	9886	32	32	32	05	23	16	8	71	7	8	0	4	2										
01	14	9835	36	34	30	07	33	24	8	21	7	6	6	2	2										
01	17	9793	34	34	33	07	20	80	8	02	2	7	8	2											
01	20	9763	34	34	34	02	10	08	8	10	2	8	6	1											
01	23	9742	34	34	33	20	10	08	8	68	6	8	6	2						25	54	372	000	36	27
02	02	9736	36	35	34	29	17	80	7	02	2	8	6	2											
02	05	9719	35	34	31	29	10	48	8	50	5	8	6	3											
02	08	9705	35	33	31	29	10	40	8	50	5	8	6	3											
02	11	9706	31	30	28	29	35	16	8	68	5	8	6	2											
02	14	9722	34	31	27	29	30	80	5	02	5	8	5	2	5	1	6								
02	17	9734	34	32	29	29	32	80	6	26	8	8	6	2	5	0	6								
02	20	9764	31	29	26	27	35	80	6	26	8	8	6	2	4	0	6								
02	23	9763	35	32	27	28	30	80	8	26	8	8	6	2	4		6			21	60	437	007	37	31
03	02	9764	35	32	28	28	30	81	6	02	8	6	2	4	0	0	6								
03	05	9790	32	31	29	28	30	81	5	02	1	5	2	5	0	0	6								
03	08	9829	32	31	29	29	32	80	5	26	1	6	2	5	0	0	6								
03	11	9860	35	31	26	29	27	81	5	02	8	5	2	5	0	0	6								
03	14	9879	34	32	30	29	27	64	7	85	8	7	2	5			6								
03	17	9888	35	31	25	27	20	81	6	02	1	5	2	5	0	1	6								
03	20	9891	34	31	25	25	12	81	4	02	1	3	2	5	0	1	6								
03	23	9868	34	31	26	00	00	81	8	03	1	8	6	4						25	66	493	003	35	31
04	02	9838	30	29	27	00	00	32	8	70	2	8	6	4											
04	05	9814	30	30	30	20	22	04	8	71	7	8	6	3											
04	08	9831	30	29	29	18	16	56	8	70	7	8	6	3											
04	11	9860	32	31	30	25	20	80	8	85	8	8	8	4			5								
04	14	9884	32	30	27	25	20	81	7	02	8	6	8	4	3		5								
04	17	9915	32	30	27	25	25	81	7	36	8	7	8	4			5								
04	20	9936	31	30	27	27	25	80	4	36	2	4	8	4	0	0	5								
04	23	9949	30	29	26	27	22	08	8	85	8	8	8	2	4		6			25	49	317	000	34	28
05	02	9944	30	29	26	27	10	81	8	02	8	8	6	3											
05	05	9960	28	26	22	22	22	80	6	36	8	6	2	4	0	0	5								
05	08	9981	30	25	16	25	18	81	7	36	8	7	2	5			5								
05	11	9995	30	27	23	28	18	81	6	02	3	6	2	5	0	0	6								
05	14	9996	32	28	21	27	17	82	7	02	8	7	2	5			6								
05	17	9987	32	29	23	28	18	82	7	02	1	6	4	5	4		6	6							
05	20	9974	30	29	27	25	16	80	7	26	3	7	2	4			6								
05	23	9966	31	28	21	27	16	82	0	01	8	0	0	9	0	0				21	35	370	005	32	27
06	02	9964	30	28	26	25	15	81	6	26	8	6	2	4	0	0	6								
06	05	9954	28	27	23	25	10	81	3	02	8	3	6	4	0	0									
06	08	9959	30	29	26	21	12	80	5	36	2	5	8	4	0	0	5								
06	11	9983	28	25	19	18	18	80	7	36	3	7	2	5			5								
06	14	9998	24	22	17	16	12	81	4	02	1	4	2	5	0	0	4								
06	17	0027	23	22	18	16	15	81	6	02	1	4	2	5	0	1	4								
06	20	0039	24	23	17	16	20	81	6	26	1	6	2	5	0	0	4								
06	23	0071	24	22	17	20	28	64	4	36	8	4	2	5	0	0	4			17	33	421	005	31	23
07	02	0095	22	21	17	20	22	81	2	02	3	2	2	5	0	0	4								
07	05	0125	24	22	17	18	25	82	2	02	1	2	5	4	0	0	4								
07	08	0143	24	22	19	18	22	82	2	26	8	2	8	4	0	0	4								
07	11	0156	24	21	12	20	15	82	3	02	1	3	5	5	0	0	4								
07	14	0165	23	21	12	18	05	80	2	05	0	2	2	5	0	0									
07	17	0161	22	20	12	18	07	80	4	05	1	2	5	5	0	8									
07	20	0157	22	20	12	07	15	81	2	02	1	1	5	5	0	8									
07	23	0138	23	21	16	07	25	81	3	02	1	1	5	5	0	8				04	33	354	000	25	18
08	02	0141	24	22	17	07	15	81	4	03	1	1	5	5	0	6									
08	05	0150	25	23	17	09	09	81	7	03	1	7	5	5											
08	08	0154	24	22	15	09	08	81	8	02	2	8	5	5			2								
08	11	0176	25	23	18	14	05	82	8	02	2	8	5	5			2								
08	14	0165	25	23	17	05	08	82	7	02	2	8	5	5			2								
08	17	0186	25	24	18	00	00	81	8	02	2	8	5	4			2								
08	20	0174	27	25	20	02	05	81	8	02	2	8	5	4			2								
08	23	0158	28	27	25	36	10	80	8	02	2	8	5	4						04	28	177	000	28	22
09	02	0131	30	29	27	33	18	80	8	02	2	8	5	4											
09	05	0096	32	30	28	01	20	81	8	02	2	8	5	5											
09	08	0051	35	32	30	36	17	80	7	02	2	7	5	5											
09	11	9982	32	32	30	06	18	02	8	73	7	8	0	4	2										
09	14	9916	36	36	36	31	28	08	8	51	7	8	6	2											
09	17	9915	37	36	35	29	25	16	8	10	5	8	6	2											
09	20	9924	34	33	30	25	18	64	8	02	2	8	6	2											
09	23	9937	34	34	28	25	24	80	7	02	2	7	8	4			6			31	52	402	000	38	28

Results of Surface Observations, Heard Island, July, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	02	9940	34	32	29	25	24	80	7	02	2	7	2	4			6								
10	05	9965	34	31	29	22	35	81	6	02	2	6	2	4	0	0	5								
10	08	9982	34	31	25	25	30	81	7	02	2	7	5	4			5								
10	11	0015	34	31	26	25	30	81	7	02	2	7	5	5			5								
10	14	0020	34	31	26	25	25	81	8	02	2	8	5	4			5								
10	17	0026	32	30	27	20	02	81	7	02	2	1	5	5	0	6	5								
10	20	0000	32	31	29	04	15	81	8	02	2	8	6	4			8								
10	23	9945	33	32	29	07	27	81	8	02	2	8	6	4			1			25	55	441	041	35	31
11	02	9902	33	33	33	04	18	64	8	70	7	8	6	3			1								
11	05	9871	36	35	34	32	14	80	7	02	2	7	2	4			7								
11	08	9855	36	34	31	29	11	80	7	02	2	7	2	4			7								
11	11	9859	35	34	31	26	12	80	8	02	2	8	2	4			6								
11	14	9874	35	32	28	27	18	80	7	02	2	7	2	4			6								
11	17	9917	34	32	32	28	15	81	6	02	1	6	8	4	0	0	6								
11	20	9943	34	31	25	29	23	82	6	02	1	6	8	5	0	0	6								
11	23	9948	34	31	27	30	18	82	7	02	2	7	8	5			6			27	45	538	008	37	32
12	02	9921	34	33	30	32	14	81	7	26	8	7	2	4			6								
12	05	9853	33	33	32	31	24	24	8	85	8	8	2	4											
12	08	9819	35	35	35	31	24	32	8	61	6	8	0	3	2										
12	11	9784	36	35	35	31	24	40	8	61	6	8	0	3	2										
12	14	9761	34	33	33	27	14	24	8	68	7	8	0	4	2										
12	17	9774	33	32	31	27	18	80	7	23	6	7	2	4			6								
12	20	9808	31	30	29	27	18	80	7	85	8	7	2	4			6								
12	23	9827	30	29	26	27	22	81		02	8	6	2	5	0	0	6			32	52	391	031	36	30
13	02	9831	32	30	27	30	20	81	5	02	U	5	2	5	0	0	6								
13	05	9831	32	31	27	29	32	81	7	03	2	4	2	5	0	6	6								
13	08	9831	32	29	24	32	27	81	6	02	2	5	2	5	3	0	6								
13	11	9835	32	30	27	32	18	81	6	02	8	5	2	5	3	0	6								
13	14	9835	31	29	25	29	25	40	8	65	8	8	2	5			6								
13	17	9844	30	29	27	25	27	81	7	26	8	7	2	5			5								
13	20	9891	30	27	23	22	33	81	8	26	8	8	8	5			5								
13	23	9943	28	27	26	22	30	24	8	86	8	8	2	4			5			27	58	524	036	33	27
14	02	9981	30	28	24	22	27	81	8	26	8	8	8	4			5								
14	05	0005	29	26	20	22	20	82	7	02	2	7	8	5			5								
14	08	0011	29	27	22	27	10	82	7	02	2	5	5	5	4		5								
14	11	0027	30	29	26	22	05	83	5	01	1	4	5	6	4	0	6								
14	14	0040	32	31	30	24	07	82	6	02	1	5	8	5	4	0	6								
14	17	0058	31	30	28	26	04	80	7	15	1	7	8	4			6								
14	20	0055	33	31	28	29	08	81	8	26	2	7	8	4			6								
14	23	0031	33	32	31	36	04	16	8	71	7	8	6	3						27	36	279	004	34	28
15	02	9992	34	34	34	34	12	16	8	61	7	8	6	3											
15	05	9918	35	34	33	31	25	80	8	10	6	8	6	3											
15	08	9888	37	36	35	31	22	80	8	60	6	8	6	3											
15	11	9856	36	35	34	29	10	56	8	60	6	8	6	2											
15	14	9774	33	33	33	07	07	08	8	71	6	8	6	2											
15	17	9695	38	36	35	29	30	24	8	21	7	8	0	4	2		6								
15	20	9658	36	35	34	29	25	56	8	51	6	8	6	3											
15	23	9684	34	33	33	20	33	64	8	20	5	8	6	3						29	56	351	024	38	33
16	02	9783	35	34	33	22	40	80	8	20	2	8	6	3											
16	05	9831	35	34	32	22	37	80	8	02	2	8	6	3											
16	08	9876	35	34	32	25	33	81	8	02	2	8	5	4			5								
16	11	9939	34	33	32	22	30	81	8	02	8	8	8	4			5								
16	14	9991	33	32	29	20	27	81	6	01	8	6	8	4	0	0	4								
16	17	0035	32	31	31	22	13	81	7	26	8	7	8	4			4								
16	20	0033	33	32	30	22	12	81	8	26	8	8	8	4			5								
16	23	0026	33	32	30	27	12	12	8	70	7	8	6	3						24	66	578	030	35	32
17	02	0010	32	32	31	27	07	24	8	71	7	8	6	4											
17	05	0009	32	31	31	22	05	16	8	70	7	8	6	3			6								
17	08	0021	34	33	33	27	12	80	8	02	7	8	6	3			5								
17	11	0046	35	33	32	23	24	80	7	20	2	7	6	4	0	1	5								
17	14	0063	34	33	32	24	20	80	7	02	2	7	5	4	4		5								
17	17	0086	34	33	32	22	05	80	8	02	2	7	6	3											
17	20	0082	34	34	33	02	04	80	8	02	2	8	5	4											
17	23	0063	34	34	34	07	10	64	8	58	6	8	6	2						23	36	263	009	35	31
18	02	0017	37	36	35	04	04	64	8	62	6	8	6	2											
18	05	9947	38	38	38	07	13	40	8	50	6	8	6	2											
18	08	9904	42	41	40	32	20	40	8	59	5	8	6	2											
18	11	9930	35	34	33	28	26	80	8	51	5	8	6	2											
18	14	9972	36	31	22	28	28	80	7	02	5	7	5	5											
18	17	0007	35	31	24	29	28	81	3	02	1	3	5	5	C	0	6								
18	20	0026	35	32	26	29	33	81	6	02	1	6	5	5	C	0	6								
18	23	0071	35	33	29	29	28	81	7	26	1	7	8	5			6			28	70	448	066	42	33

Results of Surface Observations, Heard Island, July, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	02	0103	35	32	28	27	25	81	7	02	2	7	5	5			6								
19	05	0117	34	32	29	22	27	81	8	02	2	8	5	5			6								
19	08	0117	34	32	30	22	16	81	7	02	2	7	5	4			6								
19	11	0110	33	32	30	09	04	80	8	05	2	1	5	4	2		6	6							
19	14	0076	33	32	30	07	12	80	8	05	2	3	6	3	2		1								
19	17	0015	35	32	27	07	30	81	8	02	2	1	6	3	2		1	1							
19	20	9924	33	33	32	09	36	80	8	73	7	8	6	5	2		1								
19	23	9863	36	35	34	07	32	08	8	63	7	8	0	4	2					08	68	403	014	41	33
20	02	9841	35	35	34	32	06	80	8	21	6	8	0	4	2										
20	05	9849	34	33	32	27	10	80	8	02	6	8	6	3											
20	08	9845	33	33	32	27	05	81	8	02	2	8	6	3			6								
20	11	9849	34	34	34	22	05	24	8	51	5	8	6	3			5								
20	14	9839	34	34	33	27	08	16	8	22	7	8	6	2			6								
20	17	9857	34	33	31	27	16	80	7	01	7	8	5	2			6								
20	20	9871	32	30	27	27	22	81	8	26	8	8	8	2			6								
20	23	9868	33	29	20	27	12	81	7	02	2	7	8	2			6			27	40	267	069	37	32
21	02	9866	32	28	20	32	04	81	7	02	2	7	5	5			6								
21	05	9847	32	29	23	31	07	81	6	02	2	6	8	5	0	0	6								
21	08	9834	31	30	27	29	12	64	8	70	2	8	6	4											
21	11	9818	30	30	28	27	07	81	8	26	2	8	6	4			7								
21	14	9813	31	29	24	22	15	81	7	16	2	7	2	4			6								
21	17	9819	30	29	28	23	18	80	7	26	2	7	2	4			5								
21	20	9834	29	28	26	20	20	64	8	24	8	8	2	4			5								
21	23	9837	30	29	26	22	20	81	2	36	1	2	2	4	0	0	5			24	35	264	008	34	28
22	02	9830	30	28	25	27	10	81	2	02	0	2	2	5	0	0									
22	05	9816	29	27	21	27	10	81	7	26	8	7	2	4			6								
22	08	9795	28	27	23	29	11	24	7	85	8	7	2	4			6								
22	11	9785	29	26	21	22	13	81	6	02	8	6	2	4	0	0	5								
22	14	9766	29	27	22	27	13	81	5	02	0	3	2	5	0	0	5								
22	17	9757	29	27	23	27	20	81	6	15	8	6	2	4	0	0	5								
22	20	9748	30	27	22	22	20	81	6	26	8	6	2	4	0	0	5								
22	23	9732	30	27	23	27	30	64	7	36	8	7	2	4			6			27	61	325	000	31	27
23	02	9717	30	27	21	22	30	64	8	36	8	8	2	4			5								
23	05	9710	28	27	24	22	30	64	8	36	8	8	2	4			5								
23	08	9709	28	27	25	22	28	24	8	26	8	8	2	4			5								
23	11	9715	30	28	25	22	35	64	7	36	8	7	2	4			5								
23	14	9741	31	29	24	21	36	56	7	36	8	7	2	4			5								
23	17	9770	31	30	27	20	40	56	7	24	8	7	2	4			5								
23	20	9799	32	30	27	20	32	40	8	26	8	8	2	4			5			24	52	718	003	32	27
23	23	9821	30	29	28	22	22	48	8	24	8	8	2	4			5								
24	02	9823	31	29	28	22	25	24	8	67	8	8	2	4			5								
24	05	9831	30	29	27	22	33	64	8	24	2	8	2	4											
24	08	9837	31	30	29	22	35	48	8	24	2	8	2	4			5								
24	11	9840	30	30	30	22	40	16	8	36	8	8	2	4			5								
24	14	9840	31	30	28	21	40	64	8	36	3	8	2	4			5								
24	17	9866	29	29	28	20	36	24	8	85	8	8	2	4			5								
24	20	9870	29	28	27	21	38	24	8	36	8	8	2	4			5			22	58	705	004	32	28
24	23	9867	28	27	26	22	45	16	8	85	8	8	2	4			5								
25	02	9877	30	29	26	22	36	64	8	26	8	8	2	4			5								
25	05	9869	29	27	25	22	45	16	8	37	8	8	2	4			5								
25	08	9878	29	28	25	22	45	64	8	85	8	8	2	4			5								
25	11	9894	30	28	25	22	40	64	8	26	8	8	2	4			5								
25	14	9882	30	28	24	22	48	64	8	26	8	8	2	4			5								
25	17	9895	29	28	25	22	36	24	8	85	8	8	2	4			5								
25	20	9907	28	28	26	20	25	80	6	02	8	6	2	4	0	0	4			21	59	824	000	32	27
25	23	9914	27	27	25	20	30	81	1	26	8	1	2	4	0	0	4								
26	02	9927	28	27	25	22	30	08	8	86	8	8	2	4			4								
26	05	9946	28	26	22	20	21	82	8	01	1	8	3	5	0	0	5								
26	08	9954	28	28	28	20	24	04	8	86	0	8	2	3	0	0	5								
26	11	9959	30	29	27	20	13	81	8	02	0	6	2	5	0	0	4								
26	14	9952	30	29	27	22	07	81	8	02	1	6	2	5	0	0	3								
26	17	9937	29	28	26	22	02	82	6	03	0	6	2	5	0	0	1								
26	20	9901	28	27	25	09	06	80	6	02	1	7	2	5	0	0				23	31	537	000	30	26
26	23	9865	27	26	24	09	02	81	6	02	7	6	2	5	0	0									
27	02	9824	27	26	24	05	03	80	7	70	2	7	5	5											
27	05	9790	28	26	22	19	03	64	8	02	2	8	6	3											
27	08	9801	28	26	22	22	05	81	7	02	1	7	5	6											
27	11	9823	29	27	23	22	18	82	3	02	2	2	5	5	0	1	4								
27	14	9853	28	26	23	22	26	81	5	02	1	7	2	5	0	0	4								
27	17	9879	28	26	23	22	25	32	7	85	8	7	2	5			4								
27	20	9903	27	25	22	22	25	81	7	26	2	7	2	5			5			23	38	345	000	29	26
27	23	9930	27	25	20	22	25	81	7	02	2	7	2	5			5								

Results of Surface Observations, Heard Island, July, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	02	9953	28	25	17	22	20	81	5	02	1	5	2	5	0	0	5								
28	05	9965	28	25	18	22	15	81	5	02	2	5	5	6	0	0	5								
28	08	9963	28	25	19	00	00	81	8	03	2	3	5	5	3		5								
28	11	9945	30	29	26	02	10	81	8	02	2	8	5	4			8								
28	14	9889	31	31	29	07	22	08	8	70	5	8	0	4	2										
28	17	9821	31	31	30	07	30	01	8	73	7	8	0	4	2										
28	20	9748	32	32	32	07	28	01	8	73	7	8	0	4	2										
28	23	9708	32	32	32	00	00	06	8	70	7	8	0	4	2					23	35	525	000	32	27
29	02	9692	34	33	32	34	10	81	5	01	2	5	2	4	0	0									
29	05	9663	33	31	28	34	14	80	7	02	2	7	2	4			7								
29	08	9639	33	32	32	35	12	64	8	26	8	8	2	4			7								
29	11	9665	35	34	31	31	25	80	8	16	8	8	2	4			7								
29	14	9682	34	32	29	30	24	81	7	02	2	7	2	4			7								
29	17	9674	33	30	25	32	08	81	7	02	2	7	8	5			7								
29	20	9646	32	32	31	03	12	80	8	02	7	8	5	5											
29	23	9582	32	31	30	07	10	64	8	70	7	8	6	4						31	53	516	035	35	30
30	02	9548	31	31	31	22	20	16	8	73	7	8	6	3											
30	05	9591	30	28	25	30	20	81	3	02	7	3	5	5	0	0									
30	08	9602	31	30	28	31	10	16	3	85	8	8	2	4											
30	11	9631	33	31	28	31	26	32	7	36	8	7	2	4											
30	14	9644	32	30	26	31	26	64	6	36	3	6	2	4	0	0									
30	17	9644	32	29	23	32	26	81	7	02	3	7	2	4											
30	20	9629	32	30	27	34	22	40	7	85	3	7	2	4											
30	23	9611	31	29	25	33	15	80	3	36	8	3	2	4						32	47	535	004	34	29
31	02	9594	32	31	29	30	22	64	7	36	3	7	2	4											
31	05	9633	32	31	29	29	18	81	6	02	8	6	2	4	0	0									
31	08	9655	31	29	25	29	20	81	5	02	2	5	2	4	0	1									
31	11	9671	31	30	27	29	20	81	6	26	8	6	2	4	0	0									
31	14	9673	31	30	28	29	15	81	6	26	8	6	2	4	0	0									
31	17	9672	33	31	28	32	25	80	7	36	8	7	2	4											
31	20	9699	32	30	27	27	18	81	7	36	2	7	2	4											
31	23	9721	30	30	30	27	18	01	8	86	8	8	2	4						30	45	592	000	33	29

Results of Surface Observations, Heard Island, August, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	02	9739	30	29	26	29	14	81	7	02	8	7	2	4			6								
01	05	9760	31	29	24	29	12	81	7	02	2	7	5	5			6								
01	08	9774	30	29	25	27	10	81	7	02	2	6	5	4	3		6								
01	11	9799	29	28	26	26	12	16	8	02	8	8	2	5			6								
01	14	9810	30	26	19	22	18	82	8	02	8	7	8	5			6								
01	17	9851	29	25	15	25	13	82	8	02	8	6	5	4			6								
01	20	9844	29	28	25	25	16	24	8	85	8	6	2	4			6			25	32	296	000	31	26
01	23	9859	27	26	24	24	16	32	8	85	8	6	2	4											
02	02	9873	28	25	21	27	18	82	4	02	8	4	2	5	0	0	6								
02	05	9884	27	25	21	25	20	64	3	36	0	3	2	4	0	0	6								
02	08	9896	28	25	18	29	17	81	4	02	3	4	2	4	0	0	6								
02	11	9908	29	26	20	29	20	80	7	36	3	7	2	4			6								
02	14	9913	30	27	20	29	15	80	7	02	1	7	2	4			6								
02	17	9924	31	28	21	29	18	80	7	02	1	6	2	5	0	1	6								
02	20	9941	29	28	26	25	13	64	8	87	8	8	2	5						29	39	368	005	31	27
02	23	9959	31	27	20	29	13	81	8	02	8	8	2	5											
03	02	9971	30	28	25	29	12	81	4	02	0	4	2	5	0	0	5								
03	05	9992	30	28	25	25	25	24	8	85	8	8	2	4			5								
03	08	0009	29	27	22	25	25	88	7	26	8	7	2	4			5								
03	11	0041	28	26	21	22	30	80	7	36	8	7	2	5			5								
03	14	0064	29	25	16	22	25	81	7	36	2	7	2	5			5								
03	17	0084	28	25	19	25	18	81	7	02	2	7	2	4			5								
03	20	0101	28	25	19	27	07	81	8	02	2	8	2	4						30	46	383	000	31	27
03	23	0105	28	26	21	34	03	81	8	02	2	8	2	5											
04	02	0089	28	26	21	04	10	81	8	02	2	8	5	4											
04	05	0065	30	27	22	04	18	81	8	02	2	8	5	4											
04	08	0009	29	28	25	06	25	81	8	02	2	8	5	5			1								
04	11	9955	29	29	29	07	28	08	8	70	2	8	6	6											
04	14	9880	31	31	31	09	32	08	8	73	7	8	0	3	2										
04	17	9833	33	31	29	22	03	81	8	02	7	8	5	5	2										
04	20	9842	31	30	28	20	30	82	5	36	8	6	5	4	0	0	5								
04	23	9896	30	29	27	20	32	81	6	36	8	6	2	4	0	0	5			09	46	436	004	35	28
05	02	9946	30	28	24	20	30	81	7	36	8	7	8	4			5								
05	05	9986	28	25	21	22	30	80	7	36	3	7	8	5			5								
05	08	0027	25	23	16	22	28	81	4	36	3	4	5	5	0	0	5								
05	11	0062	23	21	16	25	15	82	7	02	3	1	5	5	0	0	4								
05	14	0071	24	22	17	04	06	81	8	02	2	3	5	5	2	8	1								
05	17	0042	25	24	21	09	23	81	8	02	2	4	5	5	2										
05	20	0000	28	28	27	07	27	04	8	71	2	8	0	6	2					07	50	512	000	32	22
05	23	9926	32	31	31	05	34	08	8	36	7	8	0	5	2										
06	02	9845	32	28	20	04	22	81	5	02	3	5	6	4	0	0	7								
06	05	9834	36	33	29	29	32	81	8	02	2	8	6	4	2		7								
06	08	9855	36	33	29	29	15	81	8	02	2	8	0	5	7		7								
06	11	9862	35	34	32	32	17	81	8	02	2	3	6	4			1								
06	14	9839	35	33	31	07	15	81	8	02	2	3	6	4			1								
06	17	9775	34	34	34	07	20	24	8	69	7	8	6	2											
06	20	9702	35	35	35	07	06	24	8	61	6	8	6	2						07	50	372	000	36	31
06	23	9670	33	33	32	25	20	08	8	73	7	8	6	2											
07	02	9700	33	32	30	29	18	40	8	70	7	8	6	4											
07	05	9722	34	32	30	29	20	80	8	70	7	8	6	4											
07	08	9730	33	32	31	29	25	12	8	86	8	8	6	4			6								
07	11	9755	32	30	28	30	18	16	8	86	8	8	6	4			6								
07	14	9773	27	25	19	31	26	82	7	02	8	7	2	4			6								
07	17	9793	28	26	21	30	27	82	7	36	8	7	2	4	3		6		6						
07	20	9812	29	28	26	31	26	80	7	36	8	7	2	4			6			32	59	479	070	35	27
07	23	9848	31	29	26	29	22	61	8	02	8	8	2	4											
08	02	9882	30	29	25	28	24	82	7	02	8	7	2	4			6								
08	05	9900	31	28	22	29	26	81	7	02	2	5	2	4	0	0	6								
08	08	9918	31	29	25	30	26	81	7	26	8	5	2	4	0	0	6								
08	11	9940	30	28	24	29	24	81	7	26	8	5	2	4	0	0	6								
08	14	9946	30	28	25	29	22	81	7	02	8	5	2	4	0	0	6								
08	17	9961	30	27	20	29	22	81	7	26	8	5	2	4			6								
08	20	9961	30	27	21	29	17	81	7	02	8	5	2	4			6			29	56	434	005	31	28
08	23	9949	30	29	25	29	05	81	7	02	2	7	2	5											
09	02	9941	33	31	28	29	07	81	8	02	2	8	2	5			6								
09	05	9923	33	32	31	29	25	81	8	02	2	8	2	4	0	0	6								
09	08	9926	33	30	25	32	18	81	8	02	2	7	2	4			6								
09	11	9917	33	29	24	29	17	81	8	01	2	5	2	4	0	0	6								
09	14	9883	32	29	23	36	12	81	8	03	2	3	2	4	2										
09	17	9827	32	31	31	07	20	24	8	02	2	8	2	3											
09	20	9730	32	32	32	07	32	04	8	71	2	8	2	1						07	45	322	000	34	30
09	23	9684	33	32	32	29	05	08	8	70	7	8	6	2											

Results of Surface Observations, Heard Island, August, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	02	9677	34	32	30	29	12	81	8	02	2	8	2	4			6								
10	05	9682	33	32	30	27	08	81	7	02	2	7	8	4			6								
10	08	9703	33	32	32	25	10	16	8	71	7	8	6	3											
10	11	9775	33	33	32	20	40	04	8	75	8	8	6	2											
10	14	9842	31	29	26	20	45	16	7	36	8	7	2	4			5								
10	17	9885	31	28	24	21	41	02	7	02	3	7	4	5			5								
10	20	9922	31	28	22	20	38	83	1	01	1	1	5	5	0	0	5								
10	23	9940	29	26	20	21	20	83	1	02	0	1	5	5	0	0	5			21	59	608	012	34	29
11	02	9942	28	25	17	25	04	83	4	03	1	1	5	5	0	5	5								
11	05	9901	29	27	22	07	13	81	8	02	2	8	5	5											
11	08	9866	30	28	24	07	22	81	8	02	2	8	5	5											
11	11	9783	29	29	29	07	33	01	8	73	7	8	6	4											
11	14	9703	30	30	30	11	33	00	8	73	7	8	0	4	2										
11	17	9687	35	34	33	29	22	81	4	01	7	4	5	3	0	0	6								
11	20	9678	34	32	27	25	12	81	6	02	1	6	8	7	0	0	6								
11	23	9655	33	31	29	04	07	81	8	02	1	8	5	5						09	46	383	000	35	25
12	02	9640	33	31	25	07	05	81	8	02	2	8	6	4											
12	05	9632	33	32	31	34	15	81	8	02	2	8	6	4											
12	08	9622	32	31	30	07	04	81	7	02	2	7	5	4											
12	11	9613	33	33	32	34	10	64	8	26	2	8	5	4			7								
12	14	9605	33	33	32	32	17	80	8	26	2	8	8	4			7								
12	17	9608	33	32	30	29	20	81	7	02	2	8	8	4			6								
12	20	9632	33	32	31	22	22	81	8	26	2	8	8	4			6								
12	23	9668	32	31	29	25	25	40	8	85	8	8	8	4			5			30	45	311	000	35	32
13	02	9685	32	30	27	22	18	81	7	16	2	7	8	4			5								
13	05	9716	31	29	24	25	16	81	7	02	2	7	5	4			5								
13	08	9732	33	30	25	27	12	82	7	02	2	7	5	5			5								
13	11	9751	33	29	24	27	18	82	7	02	2	7	5	5			6								
13	14	9768	32	30	27	26	18	81	8	26	2	8	5	4			6								
13	17	9790	33	31	29	23	27	82	7	02	2	8	8	4			5								
13	20	9836	32	31	28	23	30	81	8	02	2	8	2	4			5								
13	23	9877	32	30	27	25	30	81	7	26	2	8	2	4			5			25	45	461	012	34	31
14	02	9905	31	29	24	25	28	81	7	26	2	7	2	4			5								
14	05	9930	29	27	21	29	25	81	5	36	2	5	2	3	0	0	6								
14	08	9942	28	25	18	31	22	81	6	02	1	6	2	3	0	0	6								
14	11	9925	29	28	25	25	05	80	8	85	2	8	2	4			6								
14	14	9877	31	31	31	36	07	06	8	71	8	7	8	4											
14	17	9834	33	32	31	27	20	81	7	02	2	8	8	4			5								
14	20	9832	32	30	24	25	22	81	7	26	2	8	8	5			5								
14	23	9841	32	31	28	29	20	81	7	36	2	8	7	4			6			25	53	394	001	33	28
15	02	9854	31	29	26	29	22	80	8	36	2	8	7	4			6								
15	05	9853	32	30	27	29	30	81	7	36	2	8	8	4			6								
15	08	9855	31	31	30	29	30	08	8	86	2	8	8	4			6								
15	11	9861	31	31	30	29	28	40	8	36	2	8	8	4			6								
15	14	9914	32	28	21	22	44	81	8	27	2	8	8	4			5								
15	17	9964	31	28	22	22	32	82	8	02	2	8	5	5			5								
15	20	9987	31	27	20	22	30	82	6	02	2	7	5	5	0	0	5								
15	23	9990	32	28	20	25	30	82	7	02	2	8	7	5			5			28	73	629	008	33	29
16	02	9982	32	31	31	29	18	08	8	85	2	8	8	4											
16	05	9975	32	31	31	29	15	08	8	70	2	8	6	4											
16	08	9965	32	32	32	27	12	12	8	73	2	8	6	3											
16	11	9984	33	32	30	22	24	81	6	26	2	7	8	4											
16	14	0013	33	31	28	22	24	81	7	02	2	7	6	4	0	0	5								
16	17	0043	33	31	28	22	28	81	7	02	2	7	8	4			5								
16	20	0077	32	31	29	22	27	81	8	26	2	8	6	4			5								
16	23	0097	31	29	25	22	28	81	6	02	2	8	8	4			5			29	42	467	000	34	30
17	02	0120	32	30	28	22	20	81	7	02	2	6	8	5			5								
17	05	0132	32	30	27	25	22	81	7	04	2	7	8	5			5								
17	08	0145	33	33	32	25	15	81	8	02	2	7	6	4			5								
17	11	0143	33	32	31	22	12	80	8	02	2	7	5	4			5								
17	14	0131	34	34	34	24	17	32	8	10	2	8	6	2			5								
17	17	0121	34	34	33	24	20	56	8	50	2	8	6	2			5								
17	20	0113	35	34	34	25	22	56	8	51	2	8	6	2			5								
17	23	0101	35	32	28	25	30	81	7	02	2	8	8	5			5			25	46	443	003	35	31
18	02	0101	34	31	25	25	33	81	5	02	1	5	2	4	0	0	5								
18	05	0101	33	29	23	22	30	82	7	03	2	7	8	4			5								
18	08	0100	32	29	22	25	34	81	6	02	2	6	8	5			5								
18	11	0114	31	29	24	22	35	81	8	27	2	8	5	5	0	0	5								
18	14	0128	30	27	21	22	35	80	8	87	2	8	5	5			5								
18	17	0146	30	26	17	22	30	81	7	02	2	8	5	6			5								
18	20	0152	30	27	18	22	35	81	8	27	2	8	8	5			5								
18	23	0149	31	28	21	22	30	81	8	02	2	8	8	5			5			22	55	688	003	35	30

Results of Surface Observations, Heard Island, 1 June, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
19	02	9876	33	30	25	27	12	81	7	27	8	7	2	5			5								
19	05	9851	33	31	28	27	16	81	7	02	8	7	2	5			5								
19	08	9838	32	28	19	27	12	82	6	02	8	6	2	5	0	0	5								
19	11	9859	32	30	26	21	15	81	7	16	8	7	2	5			5								
19	14	9812	32	30	26	21	18	80	7	26	8	7	2	4			5								
19	17	9809	31	30	27	18	23	40	7	26	8	7	2	4			5								
19	20	9810	28	27	25	22	30	08	8	86	8	8	2	4			5								
19	23	9802	29	28	25	20	20	80	7	26	8	7	2	4			5			27	35	374	006	33	27
20	02	9791	28	27	23	16	18	80	7	26	8	7	2	4			5								
20	05	9828	25	23	17	16	24	81	5	26	8	5	2	5	0	0	5								
20	08	9856	23	22	19	18	28	08	8	36	8	8	2	4			5								
20	11	9878	24	23	19	18	30	16	8	86	8	8	2	4			5								
20	14	9887	26	24	19	18	22	81	7	02	8	7	2	5			5								
20	17	9902	27	25	20	19	25	80	7	26	8	7	2	5			5								
20	20	9905	28	26	22	19	22	81	8	02	8	8	2	5			5								
20	23	9903	28	25	16	20	12	81	7	02	2	7	2	5			5			23	45	560	003	30	23
21	02	9881	29	27	24	25	10	80	8	02	2	8	2	4			5								
21	05	9820	35	32	31	29	14	16	8	71	7	8	6	3			6								
21	08	9779	35	35	35	29	25	24	8	62	6	8	6	3			6								
21	11	9753	35	34	33	27	20	80	8	02	6	8	5	4			6								
21	14	9715	32	32	32	27	25	04	8	73	8	8	6	3											
21	17	9703	30	29	27	23	21	80	6	02	7	6	2	4	0	0	5								
21	20	9700	31	29	26	26	20	81	5	02	2	5	2	5	0	0	5								
21	23	9688	31	29	26	26	17	82	5	26	8	5	2	4	0	0	5			25	56	388	009	36	29
22	02	9659	32	31	30	26	15	81	6	26	8	6	2	4	0	0	5								
22	05	9685	33	31	29	23	26	80	5	36	8	5	2	4	0	0	5								
22	08	9740	32	31	31	22	48	08	8	36	8	8	2	4			5								
22	11	9818	33	31	28	21	38	80	7	36	8	7	2	4			5								
22	14	9861	31	29	25	21	38	80	6	36	8	6	2	5	0	0	5								
22	17	9899	30	28	24	21	33	80	7	36	8	5	2	5	4		5								
22	20	9934	30	28	24	21	28	32	7	85	8	7	2	5			5								
22	23	9968	28	26	23	21	22	40	4	26	8	4	2	5	0	0	5			24	66	668	000	33	27
23	02	9993	28	26	22	23	20	56	5	36	8	5	2	5	0	0	5								
23	05	9992	32	30	28	22	12	81	7	02	8	7	2	4			5								
23	08	9974	30	29	27	27	14	24	8	85	8	8	2	4			6								
23	11	9957	32	31	30	25	20	24	8	72	8	8	2	3			6								
23	14	9949	32	31	31	23	25	64	7	26	8	7	2	4			6								
23	17	9945	32	32	31	26	22	80	7	36	8	7	2	4			6								
23	20	9921	32	32	32	27	17	24	8	86	8	8	2	4			6								
23	23	9903	32	31	28	25	20	80	8	02	8	8	2	4			6			25	57	474	003	34	28
24	02	9905	33	32	30	26	20	80	7	02	8	7	2	4			6								
24	05	9910	32	31	29	22	22	81	5	02	1	5	2	5	0	0	5								
24	08	9940	31	30	29	22	40	80	7	26	2	7	2	5			5								
24	11	9975	32	30	27	21	35	80	7	36	8	7	2	5			5								
24	14	0001	31	28	21	21	28	81	7	02	3	7	2	5			5								
24	17	0007	31	30	27	18	24	88	8	26	2	8	2	5			5								
24	20	0012	32	29	24	20	18	81	8	02	2	8	2	5			5								
24	23	0014	31	30	27	20	03	81	8	02	2	8	2	5			5			23	64	551	000	34	30
25	02	0010	31	30	28	00	00	81	7	02	2	7	8	5											
25	05	0015	32	31	30	36	02	81	8	02	2	8	6	5											
25	08	0015	33	33	33	00	00	81	8	02	2	8	6	4											
25	11	0010	36	36	35	21	10	06	8	61	6	8	6	1											
25	14	9994	38	37	37	22	10	08	8	21	6	8	6	2											
25	17	0000	37	37	37	22	13	06	8	50	5	8	6	2											
25	20	0002	36	36	36	22	13	06	8	51	5	8	6	3											
25	23	0005	36	36	36	22	10	06	8	51	5	8	6	2						27	38	189	000	39	30
26	02	0007	36	36	35	25	14	08	8	51	5	8	6	2											
26	05	9999	36	35	34	22	10	64	8	02	5	8	6	3											
26	08	9984	36	35	33	25	10	80	8	02	2	8	6	4											
26	11	9927	34	33	33	34	12	40	8	10	2	8	6	3			6								
26	14	9847	40	40	40	28	22	40	8	59	5	8	6	2			6								
26	17	9834	37	36	35	27	25	48	8	02	8	8	6	2			6								
26	20	9861	35	34	32	26	27	80	8	02	8	8	6	2			6								
26	23	9861	33	31	28	28	20	82	5	01	8	5	2	4	5	0	6			27	62	363	029	41	33
27	02	9845	34	31	28	29	22	82	6	02	1	6	2	4	0	0	6								
27	05	9838	33	30	25	27	22	81	4	02	1	4	2	5	0	0	6								
27	08	9844	32	28	21	27	24	81	5	02	1	5	2	5	0	0	6								
27	11	9839	32	29	23	21	20	64	8	05	2	8	5	5			6								
27	14	9849	31	27	20	22	22	81	5	02	1	5	2	5	0	0	5								
27	17	9866	27	27	26	20	30	64	7	85	2	7	2	5			5								
27	20	9871	29	27	24	26	26	64	7	85	8	7	2	5			5								
27	23	9872	30	27	24	25	22	81	5	02	8	3	2	5			5			26	55	415	025	34	26

Results of Surface Observations,
Heard Island, June, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	02	9886	30	27	22	25	20	81	3	02	1	3	2	5	0	0	5								
28	05	9901	30	29	27	27	25	16	7	85	8	7	2	4			6								
28	08	9906	33	31	26	29	32	81	8	02	8	5	2	4	0	8	6								
28	11	9910	30	30	28	32	28	81	7	85	8	7	2	5			6								
28	14	9925	33	29	25	29	25	81	7	26	8	7	2	5			6								
28	17	9953	32	28	21	21	20	81	7	02	1	7	4	5			6								
28	20	9949	30	27	21	18	07	81	6	02	2	6	5	5			6								
28	23	9917	31	28	22	07	25	81	8	02	2	8	6	4						24	54	416	000	34	29
29	02	9884	29	28	27	07	20	08	8	71	7	8	6	3											
29	05	9837	28	27	25	00	00	16	8	71	7	8	0	3	2										
29	08	9809	31	29	25	14	03	80	8	02	7	3	5	4	2		2								
29	11	9800	32	30	26	04	12	81	7	02	1	3	5	5	3		2								
29	14	9796	32	29	27	10	10	40	8	70	7	8	0	5	2		2								
29	17	9802	29	29	29	00	00	32	8	70	7	7	6	3	2		2								
29	20	9806	30	29	27	22	02	64	7	78	7	7	6	3											
29	23	9823	30	28	24	34	03	40	8	70	7	8	6	3						08	36	163	002	32	27
30	02	9858	28	27	26	16	20	24	8	36	2	8	6	3											
30	05	9892	27	26	24	18	27	40	4	36	3	4	6	5	0	0	4								
30	08	9953	27	25	20	17	27	60	3	36	3	3	5	5	0	0	4								
30	11	9948	27	23	12	16	24	82	1	36	3	1	5	6	0	0	4								
30	14	9982	28	25	17	16	14	82	7	03	0	1	5	6	0	0	4		6						
30	17	9999	25	23	16	00	00	83	1	02	0	1	5	6	0	0	5								
30	20	0005	22	20	14	02	05	82	1	02	0	1	5	6	0	0									
30	23	0000	28	25	16	03	13	82	8	02	0	8	5	5						16	46	541	000	31	20

Results of Surface Observations, Heard Island, July, 1954

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	02	9989	28	25	20	03	18	82	5	02	1	3	5	5	0	0									
01	05	9959	27	25	19	04	23	81	5	02	1	0	0	9	0	2									
01	08	9951	30	30	29	07	32	24	8	10	5	8	6	2											
01	11	9886	32	32	32	05	23	16	8	71	7	8	0	4	2										
01	14	9835	36	34	30	07	33	24	8	21	7	6	6	2	2										
01	17	9793	34	34	33	07	20	80	8	02	2	7	6	2											
01	20	9763	34	34	34	02	10	08	8	10	2	8	6	1											
01	23	9742	34	34	33	20	10	08	8	68	6	8	6	2						25	54	572	000	36	27
02	02	9736	36	35	34	29	17	80	7	02	2	8	6	2											
02	05	9719	35	34	31	29	10	48	8	50	5	8	6	3											
02	08	9705	35	33	31	29	10	40	8	50	5	8	6	3											
02	11	9706	31	30	28	29	35	16	8	68	5	8	6	2											
02	14	9722	34	31	27	29	30	80	5	02	8	8	5	2	5	0	1	6							
02	17	9734	34	32	29	29	32	80	6	26	8	8	6	2	5	0	0	6							
02	20	9764	31	29	26	27	35	80	6	26	8	6	6	2	4	0	0	6							
02	23	9763	35	32	27	28	30	80	8	26	8	6	6	2	4			6		21	60	437	007	37	31
03	02	9764	35	32	28	28	30	81	6	02	8	6	5	2	4	0	0	6							
03	05	9790	32	31	29	28	30	81	5	02	1	5	6	2	5	0	0	6							
03	08	9829	32	31	29	29	32	80	5	26	1	6	5	2	5	0	0	6							
03	11	9860	35	31	26	29	27	81	5	02	8	5	5	2	5	0	0	6							
03	14	9879	34	32	30	29	27	64	7	85	8	7	5	2	5	0		6							
03	17	9888	35	31	25	27	20	81	6	02	1	5	3	2	5	0	1	6							
03	20	9891	34	31	25	25	12	81	4	02	1	5	3	2	5	0	1	6							
03	23	9868	34	31	26	00	00	81	8	03	1	8	6	2	4			6		25	66	493	003	35	31
04	02	9838	30	29	27	00	00	32	8	70	2	8	6	2	4										
04	05	9814	30	30	30	20	22	04	8	71	7	8	6	2	3										
04	08	9831	30	29	29	18	16	56	8	70	7	8	6	2	3										
04	11	9860	32	31	30	25	20	80	8	85	8	8	8	2	4			5							
04	14	9884	32	30	27	25	20	81	7	02	8	6	8	2	4	3		5							
04	17	9915	32	30	27	25	25	81	7	36	8	7	8	2	4			5							
04	20	9936	31	30	27	27	25	80	4	36	2	8	8	2	4	0	0	5							
04	23	9949	30	29	26	27	22	08	8	85	8	8	8	2	4			6		25	49	317	000	34	28
05	02	9944	30	29	26	27	10	81	8	02	8	8	6	2	3										
05	05	9960	28	26	22	22	22	80	6	36	8	6	7	2	4	0	0	5							
05	08	9981	30	25	16	25	18	81	7	36	8	7	6	2	5			5							
05	11	9995	30	27	23	28	18	81	5	02	3	6	7	2	5	0	0	6							
05	14	9996	32	28	21	27	17	82	7	02	8	7	6	2	5			6							
05	17	9987	32	29	23	28	18	82	7	02	1	6	7	2	5	4		6	6						
05	20	9974	30	29	27	25	16	80	7	26	3	7	4	2	5	4		6							
05	23	9966	31	28	21	27	16	82	0	01	8	0	0	9	0	0				21	35	370	005	32	27
06	02	9964	30	28	26	25	15	81	6	26	8	6	2	4	0	0	6								
06	05	9954	28	27	23	25	10	81	3	02	8	3	6	4	0	0									
06	08	9959	30	29	26	21	12	80	5	36	2	5	7	4	0	0	5								
06	11	9983	28	25	19	18	18	80	7	36	3	7	4	2	5			5							
06	14	9998	24	22	17	16	12	81	4	02	1	4	2	2	5	0	0	4							
06	17	0027	23	22	18	16	15	81	6	02	1	4	2	2	5	0	1	4							
06	20	0039	24	23	17	16	20	81	6	26	1	6	2	2	5	0	0	4							
06	23	0071	24	22	17	20	28	64	4	36	8	4	2	2	5	0	0	4		17	33	421	005	31	23
07	02	0095	22	21	17	20	22	81	2	02	3	2	2	5	0	0	4								
07	05	0125	24	22	17	18	25	82	2	02	1	2	5	4	0	0	4								
07	08	0143	24	22	19	18	22	82	2	26	8	2	8	4	0	0	4								
07	11	0156	24	21	12	20	15	82	3	02	1	3	5	5	0	0	4								
07	14	0165	23	21	12	18	05	80	2	05	0	2	5	5	0	0									
07	17	0161	22	20	12	18	07	80	4	05	1	2	5	5	0	8									
07	20	0157	22	20	12	07	15	81	2	02	1	1	5	5	0	8									
07	23	0138	23	21	16	07	25	81	3	02	1	1	5	5	0	8				04	33	554	000	25	18
08	02	0141	24	22	17	07	15	81	4	03	1	1	5	5	0	6									
08	05	0150	25	23	17	09	09	81	7	03	1	7	5	5				2							
08	08	0154	24	22	15	09	08	81	8	02	2	8	5	5				2							
08	11	0176	25	23	18	14	05	82	8	02	2	8	5	5				2							
08	14	0165	25	23	17	05	08	82	7	02	2	8	5	4				2							
08	17	0186	26	24	18	00	00	81	8	02	2	8	5	4				2							
08	20	0174	27	25	20	02	05	81	8	02	2	8	5	4				2							
08	23	0158	28	27	25	36	10	80	8	02	2	8	5	4						04	28	177	000	28	22
09	02	0131	30	29	27	33	18	80	8	02	2	8	5	4											
09	05	0096	32	30	28	01	20	81	8	02	2	8	5	5											
09	08	0051	33	32	30	36	17	80	7	02	2	8	5	5											
09	11	9982	32	32	30	06	18	02	8	73	2	7	5	4	2										
09	14	9916	36	36	36	31	28	08	8	51	7	8	0	6											
09	17	9915	37	36	35	29	25	16	8	10	5	8	6	6											
09	20	9924	34	33	30	25	18	64	8	02	2	8	6	6											
09	23	9937	34	34	28	25	24	80	7	02	2	7	8	4			6			31	52	402	000	38	28

Results of Surface Observations, Heard Island, July, 1954

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND							LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	02	9940	34	32	29	25	24	80	7	02	2	7	2	4			6								
10	05	9965	34	31	29	22	35	81	6	02	2	6	2	4	0	0	5								
10	08	9982	34	31	25	25	30	81	7	02	2	7	5	4			5								
10	11	0015	34	31	26	25	30	81	7	02	2	7	5	4			5								
10	14	0020	34	31	26	25	25	81	8	02	2	8	5	4			5								
10	17	0026	32	30	27	20	02	81	7	02	2	1	5	4	0	6	5								
10	20	0000	32	31	29	04	15	81	8	02	2	6	6	4			8								
10	23	9945	33	32	29	07	27	81	8	02	2	8	6	4			1			25	55	441	041	35	31
11	02	9902	33	33	33	04	18	64	8	70	7	8	6	3			1								
11	05	9871	36	35	34	32	14	80	7	02	2	7	2	4			7								
11	08	9855	36	34	31	29	11	80	7	02	2	7	2	4			7								
11	11	9859	35	34	31	26	12	80	8	02	2	8	2	4			6								
11	14	9874	35	32	28	27	18	80	7	02	2	7	2	4			6								
11	17	9917	34	32	32	28	15	81	6	02	1	6	8	4	0	0	6								
11	20	9943	34	31	25	29	23	82	6	02	1	6	8	5	0	0	6								
11	23	9948	34	31	27	30	18	82	7	02	2	7	8	5			6			27	43	338	008	37	32
12	02	9921	34	33	30	32	14	81	7	26	8	7	2	4			6								
12	05	9853	33	33	32	31	24	24	8	85	8	8	2	4											
12	08	9819	35	35	35	31	24	32	8	61	6	8	0	3	2										
12	11	9784	36	35	35	31	24	40	8	61	6	8	0	3	2										
12	14	9761	34	33	33	27	14	24	8	68	7	8	0	4	2										
12	17	9774	33	32	31	27	18	80	7	23	6	7	2	4			6								
12	20	9808	31	30	29	27	18	80	7	85	8	7	2	4			6								
12	23	9827	30	29	26	27	22	81		02	8	6	2	5	0	0	6			32	52	391	031	36	30
13	02	9831	32	30	27	30	20	81	5	02	0	5	2	5	0	0	6								
13	05	9831	32	31	27	29	32	81	7	03	2	4	2	5	0	6	6								
13	08	9831	32	29	24	32	27	81	6	02	2	5	2	5	3	0	6								
13	11	9835	32	30	27	32	18	81	6	02	8	5	2	5	3	0	6								
13	14	9835	31	29	25	29	25	40	8	85	8	8	2	5			6								
13	17	9844	30	29	27	25	27	81	7	26	8	7	2	5			5								
13	20	9891	30	27	23	22	33	81	8	26	8	8	8	5			5								
13	23	9943	28	27	26	22	30	24	8	86	8	8	2	4			5			27	58	524	036	33	27
14	02	9981	30	28	24	22	27	81	8	26	8	8	8	4			5								
14	05	0005	29	26	20	22	20	82	7	02	2	7	8	5			5								
14	08	0011	29	27	22	27	10	82	7	02	2	5	5	5	4		5								
14	11	0027	30	29	26	22	05	83	5	01	1	4	5	6	4	0	6								
14	14	0040	32	31	30	24	07	82	6	02	1	5	8	5	4	0	6								
14	17	0058	31	30	28	26	04	80	7	15	1	7	8	4			6								
14	20	0055	33	31	28	29	08	81	8	26	2	8	2	4			6								
14	23	0031	33	32	31	36	04	16	8	71	7	8	6	3						27	36	279	004	34	28
15	02	9992	34	34	34	34	12	16	8	61	7	8	6	3											
15	05	9918	35	34	33	31	25	80	8	10	6	8	6	3											
15	08	9888	37	36	35	31	22	80	8	60	6	8	6	3											
15	11	9856	36	35	34	29	10	56	8	60	6	8	6	2											
15	14	9774	33	33	33	07	07	08	8	71	6	8	6	2											
15	17	9695	38	36	35	29	30	24	8	21	7	8	0	4	2		6								
15	20	9658	36	35	34	29	25	56	8	51	6	8	6	3											
15	23	9684	34	33	33	20	33	64	8	20	5	8	6	3						29	56	351	024	38	33
16	02	9785	35	34	33	22	40	80	8	20	2	8	6	3											
16	05	9831	35	34	32	22	37	80	8	02	2	8	6	3											
16	08	9876	35	34	32	25	33	81	8	02	2	8	6	4			5								
16	11	9939	34	33	32	22	30	81	8	02	8	8	8	4			5								
16	14	9991	33	32	29	20	27	81	6	01	8	6	8	4	0	0	4								
16	17	0035	32	31	31	22	13	81	7	26	8	7	8	4			4								
16	20	0033	33	32	30	22	12	81	8	26	8	8	8	4			5								
16	23	0026	33	32	30	27	12	12	8	70	7	8	6	3						24	66	578	030	35	32
17	02	0010	32	32	31	27	07	24	8	71	7	8	6	4											
17	05	0009	32	31	31	22	05	16	8	70	7	8	6	3			6								
17	08	0021	34	33	33	27	12	80	8	02	7	8	6	3			5								
17	11	0046	35	33	32	23	24	80	7	20	2	7	6	4	0	1	5								
17	14	0063	34	33	32	24	20	80	7	02	2	7	5	4	4		5								
17	17	0086	34	33	32	22	05	80	8	02	2	7	6	3											
17	20	0082	34	34	33	02	04	80	8	02	2	8	5	4											
17	23	0063	34	34	34	07	10	64	8	58	6	8	6	2						23	36	263	009	35	31
18	02	0017	37	36	35	04	04	64	8	62	6	8	6	2											
18	05	9947	38	38	38	07	13	40	8	50	6	8	6	2											
18	08	9904	42	41	40	32	20	40	8	59	5	8	6	2											
18	11	9930	35	34	33	28	26	80	8	51	5	8	6	2											
18	14	9972	36	31	22	28	28	80	7	02	5	8	5	2											
18	17	0007	35	31	24	29	28	81	7	02	1	7	5	2											
18	20	0026	35	32	26	29	33	81	6	02	1	6	5	2											
18	23	0071	35	33	29	29	28	81	7	26	1	7	5	2	6	0	6			28	70	448	066	42	33

Results of Surface Observations, Heard Island, July, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	02	0103	35	32	28	27	25	81	7	02	2	7	5	5			6								
19	05	0117	34	32	29	22	27	81	8	02	2	8	5	5			6								
19	08	0117	34	32	30	22	16	81	7	02	2	7	5	4			6								
19	11	0110	33	32	30	09	04	80	8	05	2	1	5	4	2		6	6							
19	14	0076	33	32	30	07	12	80	8	05	2	3	6	3	2		1	1							
19	17	0015	35	32	27	07	30	81	8	02	2	1	6	3	2		1	1							
19	20	9924	33	33	32	09	36	02	8	73	7	8	0	5	2		1								
19	23	9863	36	35	34	07	32	08	8	63	7	8	0	4	2					08	68	403	014	41	33
20	02	9841	35	35	34	32	06	80	8	21	6	8	0	4			6								
20	05	9849	34	33	32	27	10	80	8	02	6	8	6	3	2		6								
20	08	9845	33	33	32	27	05	81	8	02	2	8	6	3			5								
20	11	9849	34	34	34	22	05	24	8	51	2	8	6	3			6								
20	14	9839	34	34	33	27	08	16	8	22	7	8	6	2			6								
20	17	9857	34	33	31	27	16	80	7	01	7	8	5	2			6								
20	20	9871	32	30	27	27	22	81	7	26	8	8	2	4			6								
20	23	9868	33	29	20	27	12	81	7	02	2	7	8	5			6			27	40	267	069	37	32
21	02	9866	32	28	20	32	04	81	7	02	2	7	5	5			6								
21	05	9847	32	29	23	31	07	81	6	02	2	6	5	5	0	0	6								
21	08	9834	31	30	27	29	12	64	8	70	2	8	6	4			7								
21	11	9818	30	30	28	27	07	81	8	26	2	8	6	4			6								
21	14	9813	31	29	24	22	15	81	7	16	2	7	6	4			6								
21	17	9819	30	29	28	23	18	80	7	26	2	7	6	4			5								
21	20	9834	29	28	26	20	20	64	8	24	8	8	2	4			5								
21	23	9837	30	29	26	22	20	81	2	36	1	2	2	4	0	0	5			24	35	264	008	34	28
22	02	9830	30	28	25	27	10	81	2	02	2	2	2	5	0	0	6								
22	05	9816	29	27	21	27	10	81	7	26	8	2	2	4			6								
22	08	9795	28	27	23	29	11	24	7	85	8	2	2	4			6								
22	11	9785	29	26	21	22	15	81	6	02	8	2	2	4			5								
22	14	9766	29	27	22	27	13	81	5	02	0	3	2	5	0	0	5								
22	17	9757	29	27	23	27	20	81	6	15	8	6	2	4	0	0	5								
22	20	9748	30	27	22	22	20	81	6	26	8	7	2	4	0	0	6			27	61	325	000	31	27
22	23	9732	30	27	23	27	30	64	7	36	8	7	2	4			5								
23	02	9717	30	27	21	22	30	64	8	36	8	8	2	4			5								
23	05	9710	28	27	24	22	30	64	8	36	8	8	2	4			5								
23	08	9709	28	27	25	22	28	24	8	26	8	8	2	4			5								
23	11	9715	30	28	25	22	35	64	7	36	8	7	2	4			5								
23	14	9741	31	29	24	21	36	56	7	36	8	7	2	4			5								
23	17	9770	31	30	27	20	40	56	7	24	8	7	2	4			5								
23	20	9799	32	30	27	20	32	40	8	26	8	8	2	4			5			24	52	718	003	32	27
23	23	9821	30	29	28	22	22	48	8	24	8	8	2	4			5								
24	02	9823	31	29	28	22	25	24	8	67	8	8	2	4			5								
24	05	9831	30	29	27	22	33	64	8	24	2	8	2	4											
24	08	9837	31	30	29	22	35	48	8	24	2	8	2	4			5								
24	11	9840	30	30	30	22	40	16	8	36	8	8	2	4			5								
24	14	9840	31	30	28	21	40	64	8	36	3	8	2	4			5								
24	17	9866	29	29	28	20	36	24	8	85	8	8	2	4			5								
24	20	9870	29	28	27	21	38	24	8	36	8	8	2	4			5			22	58	705	004	32	28
24	23	9867	28	27	26	22	45	16	8	85	8	8	2	4			5								
25	02	9877	30	29	26	22	36	64	8	26	8	8	2	4			5								
25	05	9869	29	27	25	22	45	16	8	37	8	8	2	4			5								
25	08	9878	29	28	25	22	45	64	8	85	8	8	2	4			5								
25	11	9894	30	28	25	22	40	64	8	26	8	8	2	4			5								
25	14	9882	30	28	24	22	48	64	8	26	8	8	2	4			5								
25	17	9895	29	28	25	22	36	24	8	85	8	8	2	4			5								
25	20	9907	28	28	28	20	25	80	6	02	8	6	2	4	0	0	4			21	59	824	000	32	27
25	23	9914	27	27	25	20	30	81	1	26	8	1	2	4	0	0	4								
26	02	9927	28	27	25	22	30	08	8	86	8	8	2	4			4								
26	05	9946	28	26	22	20	21	82	3	01	1	3	2	5	0	0	5								
26	08	9954	28	28	28	20	24	04	8	86	1	8	2	3	0	0	4								
26	11	9959	30	29	27	20	13	81	2	02	0	2	2	5	0	0	3								
26	14	9952	30	29	27	22	07	81	6	02	0	6	2	5	0	0	1								
26	17	9937	29	28	26	22	02	82	6	03	1	6	2	5	0	0									
26	20	9901	28	27	25	09	06	80	7	02	2	7	2	5	0	0				23	31	337	000	30	26
26	23	9865	27	26	24	09	02	81	6	02	7	6	2	5	0	0									
27	02	9824	27	26	24	05	03	80	7	70	2	7	5	5			4								
27	05	9790	28	26	22	19	03	64	8	02	2	8	2	3			5								
27	08	9801	28	26	22	22	05	81	7	02	2	7	5	6			6								
27	11	9823	29	27	23	22	18	32	3	02	1	7	2	5	0	1	4								
27	14	9853	28	26	23	22	26	81	5	02	1	7	2	5	0	0	4								
27	17	9879	28	26	23	22	25	32	7	85	8	7	2	5			4								
27	20	9903	27	25	22	22	25	81	7	26	2	7	2	5			5								
27	23	9930	27	25	20	22	25	81	7	02	2	7	2	5			5			23	38	345	000	29	26

Results of Surface Observations, Heard Island, July, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	02	9953	28	25	17	22	20	81	5	02	1	5	2	5	0	0	5								
28	05	9965	28	25	18	22	15	81	5	02	2	5	5	6	0	0	5								
28	08	9963	28	25	19	00	00	81	8	03	2	3	5	5	3		5								
28	11	9945	30	29	26	02	10	81	8	02	2	8	5	4			8								
28	14	9889	31	31	29	07	22	08	8	70	5	8	0	4	2		8								
28	17	9821	31	31	30	07	30	01	8	73	7	8	0	4	2										
28	20	9748	32	32	32	07	28	01	8	73	7	8	0	4	2										
28	23	9708	32	32	32	00	00	06	8	70	7	8	0	4	2					23	35	325	000	32	27
29	02	9692	34	33	32	34	10	81	5	01	2	5	2	4	0	0									
29	05	9663	33	31	28	34	14	80	7	02	2	7	2	4			7								
29	08	9639	33	32	32	35	12	64	8	26	8	8	2	4			7								
29	11	9665	35	34	31	31	25	80	8	16	8	8	2	4			7								
29	14	9682	34	32	29	30	24	81	7	02	2	7	2	4			7								
29	17	9674	33	30	25	32	08	81	7	02	2	7	2	5			7								
29	20	9646	32	32	31	03	12	80	8	02	7	8	5	5											
29	23	9582	32	31	30	07	10	64	8	70	7	8	6	4						31	53	516	035	35	30
30	02	9548	31	31	31	22	20	16	8	73	7	8	6	3											
30	05	9591	30	28	25	30	20	81	3	02	7	8	5	5	0	0									
30	08	9602	31	30	28	31	10	16	8	85	8	8	2	4											
30	11	9631	33	31	28	31	26	32	7	36	8	7	2	4											
30	14	9644	32	30	26	31	26	64	6	36	3	6	2	4	0	0									
30	17	9644	32	29	23	32	26	81	7	02	3	7	2	4											
30	20	9629	32	30	27	34	22	40	7	85	3	7	2	4											
30	23	9611	31	29	25	33	15	80	3	36	8	3	2	4						32	47	535	004	34	29
31	02	9594	32	31	29	30	22	64	7	36	3	7	2	4											
31	05	9633	32	31	29	29	18	81	6	02	8	6	8	5	0	0									
31	08	9655	31	29	25	29	20	81	5	02	2	5	8	4	0	1									
31	11	9671	31	30	27	29	20	81	6	26	8	6	2	4	0	0									
31	14	9673	31	30	28	29	15	81	6	26	8	6	2	4	0	0									
31	17	9672	33	31	28	32	25	80	7	36	8	7	2	4											
31	20	9699	32	30	27	27	18	81	7	36	2	7	2	4											
31	23	9721	30	30	30	27	18	01	8	86	8	8	2	4						30	45	392	000	33	29

Results of Surface Observations, Heard Island, August, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	02	9739	30	29	26	29	14	81	7	02	8	7	2	4			6								
01	05	9760	31	29	24	29	12	81	7	02	2	7	5	5			6								
01	08	9774	30	29	25	27	10	81	7	02	2	6	5	4	3		6								
01	11	9799	29	28	26	26	12	16	8	35	8	8	2	4			6								
01	14	9810	30	26	19	22	18	82	7	02	8	7	8	5			6								
01	17	9831	29	25	15	25	13	82	7	02	8	8	5	5			6								
01	20	9844	29	28	25	25	16	24	8	85	8	8	5	4			6								
01	23	9859	27	26	24	24	16	32	8	85	8	8	2	4			6			25	32	296	000	31	26
02	02	9873	28	25	21	27	18	82	4	02	8	4	2	5	0	0	6								
02	05	9884	27	25	21	25	20	64	3	36	0	3	2	4	0	0	6								
02	08	9896	28	25	18	29	17	81	4	02	3	4	2	5	0	0	6								
02	11	9908	29	26	20	29	20	80	7	36	8	7	2	4			6								
02	14	9913	30	27	20	29	15	80	7	02	1	7	2	4			6								
02	17	9924	31	28	21	29	18	80	7	02	1	6	2	5	0	1	6								
02	20	9941	29	28	26	25	13	64	8	87	8	8	2	5											
02	23	9959	31	27	20	29	13	81	8	02	8	8	2	5						29	39	568	005	31	27
03	02	9971	30	28	25	29	12	81	4	02	0	4	2	5	0	0	5								
03	05	9992	30	28	25	25	25	24	8	85	8	8	2	4			5								
03	08	0009	29	27	22	25	25	81	7	26	8	7	2	4			5								
03	11	0041	28	26	21	22	30	80	7	36	8	7	2	4			5								
03	14	0064	29	25	16	22	25	81	7	36	2	7	2	4			5								
03	17	0084	28	25	19	25	18	81	7	02	2	7	2	5			5								
03	20	0101	28	25	19	27	07	81	8	02	2	8	2	4											
03	23	0105	28	26	21	34	03	81	8	02	2	8	5	4						30	46	383	000	31	27
04	02	0089	28	26	21	04	10	81	8	02	2	8	5	4											
04	05	0065	30	27	22	04	18	81	8	02	2	8	5	4											
04	08	0009	29	28	25	06	25	81	8	02	2	8	5	5			1								
04	11	9955	29	29	29	07	28	08	8	70	2	8	6	4											
04	14	9880	31	31	31	09	32	08	8	73	7	8	0	3	2										
04	17	9833	33	31	29	22	03	81	8	02	7	8	5	4	2										
04	20	9842	31	30	28	20	30	82	5	36	8	5	6	4	0	0	5								
04	23	9896	30	29	27	20	32	81	6	36	8	6	2	4	0	0	5			09	46	436	004	35	28
05	02	9946	30	28	24	20	30	81	7	36	8	7	8	4			5								
05	05	9986	28	25	21	22	30	80	7	36	3	7	8	5			5								
05	08	0027	25	23	16	22	28	81	4	36	3	7	5	5	0	0	5								
05	11	0062	23	21	16	25	15	82	7	02	3	4	5	5	0	8	4								
05	14	0071	24	22	17	04	06	81	8	02	2	1	5	4	2		1								
05	17	0042	25	24	21	09	23	81	8	02	2	3	5	5	2										
05	20	0000	28	28	27	07	27	04	8	71	2	4	8	5	2										
05	23	9926	32	31	31	05	34	08	8	36	7	8	0	3	2					07	50	512	000	32	22
06	02	9845	32	28	20	04	22	81	5	02	3	5	6	4	0	0									
06	05	9834	36	33	29	29	32	81	8	02	2	8	6	4			7								
06	08	9855	36	33	29	29	15	81	8	02	2	8	0	5	2		7								
06	11	9862	35	34	32	32	17	81	8	02	5	8	6	4	7		7								
06	14	9839	35	33	31	07	15	81	8	02	2	3	6	4	7		1								
06	17	9775	34	34	34	07	20	24	8	69	7	8	6	2											
06	20	9702	35	35	35	07	06	24	8	61	7	8	6	2											
06	23	9670	33	33	32	25	20	08	8	73	7	8	6	2						07	50	372	000	36	31
07	02	9700	33	32	30	29	18	40	8	70	7	8	6	4											
07	05	9722	34	32	30	29	20	80	8	70	7	8	6	4			6								
07	08	9730	33	32	31	29	25	12	8	86	8	8	2	4			6								
07	11	9755	32	30	28	30	18	16	8	86	8	8	2	4			6								
07	14	9773	27	25	19	31	26	82	7	02	8	7	2	4			6								
07	17	9793	28	26	21	30	27	82	7	36	8	7	2	4	3		6		6						
07	20	9812	29	28	26	31	26	80	8	36	8	7	2	4			6								
07	23	9848	31	29	26	29	22	81	8	02	8	8	2	4			6			32	59	479	070	35	27
08	02	9882	30	29	25	28	24	82	7	02	8	7	2	4			6								
08	05	9900	31	28	22	29	26	81	5	02	2	5	2	4	0	0	6								
08	08	9918	31	29	25	30	26	81	5	26	8	5	2	4	0	0	6								
08	11	9940	30	28	24	29	24	81	5	26	8	5	2	4	0	0	6								
08	14	9946	30	28	25	29	22	81	5	02	8	5	2	4	0	0	6								
08	17	9961	30	27	20	29	22	81	5	26	8	5	2	4	0	0	6								
08	20	9961	30	27	21	29	17	81	7	02	2	7	2	4			6								
08	23	9949	30	29	25	29	05	81	7	02	2	7	2	5			6			29	56	434	005	31	28
09	02	9941	33	31	28	29	07	81	8	02	2	8	2	5			6								
09	05	9923	33	32	31	29	25	81	6	02	2	8	2	4	0	0	6								
09	08	9926	33	30	25	32	18	81	7	02	2	7	2	4	0	0	6								
09	11	9917	33	29	24	29	17	81	5	01	2	5	2	4	0	0	6								
09	14	9883	32	29	23	36	12	81	8	03	2	3	2	4	2										
09	17	9827	32	31	31	07	20	24	8	02	2	8	6	3											
09	20	9730	32	32	32	07	32	04	8	71	6	8	6	1											
09	23	9684	33	32	32	29	05	08	8	70	7	8	6	2						07	45	322	000	34	30

Results of Surface Observations, Heard Island, August, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	02	9677	34	32	30	29	12	81	8	02	2	8	2	4			6								
10	05	9682	33	32	30	27	08	81	7	02	2	7	8	4			6								
10	08	9703	33	32	32	25	10	16	8	71	7	8	6	3											
10	11	9775	33	33	32	20	40	04	8	75	7	8	6	2											
10	14	9842	31	29	26	20	45	16	7	36	8	7	2	4			5								
10	17	9885	31	28	24	21	41	02	7	02	3	7	1	5			5								
10	20	9922	31	28	22	20	38	03	1	01	1	5	1	5			5								
10	23	9940	29	26	20	21	20	03	1	02	0	1	1	5	0	0	5			21	59	608	012	34	29
11	02	9942	28	25	17	25	04	83	4	03	1	1	5	5	0	5	5								
11	05	9901	29	27	22	07	13	81	8	02	2	6	5	5											
11	08	9866	30	28	24	07	22	81	8	02	2	6	5	5											
11	11	9783	29	29	29	07	33	01	8	73	7	8	6	4											
11	14	9703	30	30	30	11	33	00	8	73	7	8	0	4	2										
11	17	9687	35	34	33	29	22	81	4	01	7	4	5	3			6								
11	20	9678	34	32	27	25	12	81	5	02	1	6	8	7	0	0	6								
11	23	9655	33	31	29	04	07	81	8	02	1	6	5	5						09	46	383	000	35	25
12	02	9640	33	31	25	07	05	81	8	02	2	6	6	4											
12	05	9632	33	32	31	34	15	81	8	02	2	6	6	4											
12	08	9622	32	31	30	07	04	81	7	02	2	7	5	4											
12	11	9613	33	33	32	34	10	64	8	26	7	8	5	4			7								
12	14	9605	33	33	32	32	17	80	8	26	8	8	8	4			7								
12	17	9608	33	32	30	29	20	81	7	02	8	7	8	4			8								
12	20	9632	33	32	31	22	22	81	8	26	8	8	8	4			6								
12	23	9668	32	31	29	25	25	40	8	65	8	8	8	4			5			30	45	311	000	35	32
13	02	9685	32	30	27	22	18	81	7	16	2	7	8	4			5								
13	05	9716	31	29	24	25	16	81	7	02	8	7	5	4			5								
13	08	9732	33	30	25	27	12	82	7	02	8	7	5	5			5								
13	11	9751	33	29	24	27	18	82	7	02	2	7	5	5			6								
13	14	9768	32	30	27	26	18	81	8	26	8	8	8	4			6								
13	17	9790	33	31	29	23	27	82	7	02	2	7	8	4			5								
13	20	9836	32	31	28	23	30	81	7	02	8	8	2	4			5								
13	23	9877	32	30	27	25	30	81	7	26	8	7	2	4			5			25	45	451	012	34	31
14	02	9905	31	29	24	25	28	81	7	26	8	7	2	4			5								
14	05	9930	29	27	21	29	25	81	5	36	8	5	2	5	0	0	6								
14	08	9942	28	25	18	31	22	81	6	02	1	6	2	5	0	0	6								
14	11	9925	29	28	25	25	05	80	8	85	8	8	2	4			6								
14	14	9877	31	31	31	36	07	06	8	71	7	8	6	2											
14	17	9834	33	32	31	27	20	81	7	02	8	7	8	4			5								
14	20	9832	32	30	24	25	22	81	7	26	8	8	8	5			5								
14	23	9841	32	31	28	29	20	81	7	36	8	7	2	4			6			25	53	394	001	33	28
15	02	9854	31	29	26	29	22	80	8	36	8	8	2	4			6								
15	05	9853	32	30	27	29	30	81	7	36	8	7	2	4			6								
15	08	9855	31	31	30	29	30	08	8	86	8	8	3	4			6								
15	11	9861	31	31	30	29	28	40	8	36	8	8	3	4			6								
15	14	9914	32	28	21	22	44	81	8	27	8	8	2	4			5								
15	17	9954	31	28	22	22	32	82	8	02	3	8	5	5			5								
15	20	9987	31	27	20	22	30	82	6	02	2	7	5	5	0	0	5								
15	23	9990	32	28	20	25	30	82	7	02	8	7	5	5			5			28	73	629	008	33	29
16	02	9982	32	31	31	29	18	08	8	85	2	8	8	4											
16	05	9975	32	31	31	29	15	08	8	70	7	8	6	3											
16	08	9965	32	32	32	27	12	12	8	73	7	8	6	3											
16	11	9984	33	32	30	22	24	81	6	26	8	6	2	4	0	0	5								
16	14	0013	33	31	28	22	24	81	7	02	2	7	8	4			5								
16	17	0043	33	31	28	22	28	81	7	02	2	7	5	5			5								
16	20	0077	32	31	29	22	27	81	8	26	2	8	8	4			5								
16	23	0097	31	29	25	22	28	81	6	02	2	6	8	4			5			29	42	467	000	34	30
17	02	0120	32	30	28	22	20	81	7	02	2	6	8	5			5								
17	05	0132	32	30	27	25	22	81	7	04	2	7	8	5			5								
17	08	0145	33	33	32	25	15	81	7	02	2	7	6	4			5								
17	11	0143	33	32	31	22	12	80	8	02	2	7	5	4			5								
17	14	0131	34	34	34	24	17	32	8	10	2	8	6	2			5								
17	17	0121	34	34	33	24	20	56	8	50	2	8	6	2			5								
17	20	0113	35	34	34	25	22	56	8	51	2	8	6	2											
17	23	0101	35	32	28	25	30	81	7	02	8	7	8	5			5			25	46	443	003	35	31
18	02	0101	34	31	25	25	33	81	5	02	1	5	2	2	0	0	5								
18	05	0101	33	29	23	22	30	82	7	03	2	7	8	4			5								
18	08	0100	32	29	22	25	34	81	6	02	2	8	8	5	0	0	5								
18	11	0114	31	29	24	22	35	81	8	27	8	8	8	5			5								
18	14	0128	30	27	21	22	35	80	7	87	8	7	8	5			5								
18	17	0146	30	26	17	22	30	81	7	02	8	8	5	6			5								
18	20	0152	30	27	18	22	35	81	8	27	8	8	8	5			5								
18	23	0149	31	28	21	22	30	81	8	02	8	8	8	5			5			22	55	688	003	35	30

Results of Surface Observations,
Heard Island, August, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	02	0140	30	29	26	25	30	81	8	36	3	8	8	4			5								
19	05	0117	30	29	26	28	20	16	8	86	8	8	2	4			6								
19	08	0095	31	31	29	28	23	40	8	26	8	8	2	4											
19	11	0060	32	31	31	27	22	40	8	70	8	8	6	2			6								
19	14	0029	34	34	34	27	08	24	8	71	8	8	6	3											
19	17	0011	35	35	35	28	18	40	8	50	8	8	6	2			6								
19	20	0010	35	35	35	27	20	40	8	02	5	8	6	2											
19	23	0022	35	35	35	25	27	40	8	52	5	8	6	2						27	66	464	002	35	29
20	02	0054	34	34	34	24	20	24	8	73	7	8	6	2											
20	05	0042	35	35	35	24	17	40	8	51	7	8	6	2											
20	08	0054	35	35	35	23	18	40	8	51	5	8	6	2											
20	11	0074	34	34	34	22	22	12	8	51	5	8	6	2			5								
20	14	0078	35	35	35	23	20	32	8	51	5	8	6	2			5								
20	17	0092	36	35	35	22	17	40	8	10	2	8	6	2											
20	20	0097	37	36	35	22	20	40	8	10	2	8	6	2						23	43	340	018	37	34
20	23	0100	36	36	36	22	18	40	8	10	2	8	6	2											
21	02	0104	36	35	35	22	20	40	8	10	2	8	6	2											
21	05	0115	36	35	35	22	22	16	8	10	2	8	6	2											
21	08	0128	36	36	35	22	24	24	8	10	2	8	6	2											
21	11	0135	35	35	35	22	22	24	8	10	2	8	6	2											
21	14	0143	34	34	33	22	20	08	8	50	2	8	6	1											
21	17	0137	35	34	34	22	20	24	8	51	5	8	6	1											
21	20	0154	35	35	34	22	20	16	8	51	5	8	6	2						23	35	455	003	36	34
21	23	0162	35	33	31	22	25	24	8	10	2	8	6	2											
22	02	0181	35	34	33	22	16	24	8	10	2	8	6	2											
22	05	0179	35	34	33	23	14	81	8	02	2	8	6	2											
22	08	0189	38	35	33	22	20	81	7	02	2	8	6	4											
22	11	0182	36	35	33	21	20	80	8	02	2	8	6	5			5								
22	14	0176	36	34	32	21	27	04	7	10	4	8	6	5			5								
22	17	0168	39	39	38	22	24	04	9	45	4	8	6	1											
22	20	0166	43	40	36	25	27	40	8	02	4	8	6	0						28	66	489	001	47	35
22	23	0154	42	39	35	28	26	80	8	02	2	8	6	5											
23	02	0128	41	40	39	29	36	24	8	50	5	8	6	3											
23	05	0117	41	40	39	29	30	40	8	50	5	8	6	2											
23	08	0111	37	37	37	27	22	40	8	51	5	8	6	2											
23	11	0100	35	35	35	22	14	08	8	50	5	8	6	2											
23	14	0090	34	34	33	07	07	81	8	02	2	8	6	2											
23	17	0055	34	33	33	00	00	56	8	50	2	8	6	2											
23	20	0018	37	37	37	36	07	56	8	50	2	8	6	3						29	72	555	002	46	33
23	23	9981	39	38	36	16	10	81	7	02	2	7	6	3											
24	02	9957	40	38	35	33	15	81	8	02	2	8	6	4											
24	05	9920	37	37	36	29	15	06	8	51	5	8	6	1											
24	08	9880	37	37	37	09	07	06	8	51	6	8	6	1											
24	11	9824	37	37	37	14	03	08	8	60	6	8	6	3											
24	14	9784	36	36	35	34	17	12	8	60	6	8	6	3											
24	17	9753	34	34	33	29	04	12	8	68	6	8	6	4			4								
24	20	9742	31	30	28	20	50	06	8	86	5	8	6	4			4			20	70	377	015	47	29
24	23	9857	29	28	26	20	45	24	8	85	8	8	2	4	0	0	5								
25	02	9906	29	27	23	22	32	81	5	26	8	6	2	4			5								
25	05	9926	28	25	19	21	20	81	8	02	8	8	5	4			5								
25	08	9925	28	26	22	22	06	84	8	02	8	8	5	4	2										
25	11	9911	27	27	26	05	10	40	8	70	7	8	5	4	2		2								
25	14	9885	29	28	26	07	10	80	8	02	1	7	6	4			1								
25	17	9876	28	27	24	07	10	81	7	70	7	7	6	4											
25	20	9858	29	29	28	04	12	24	8	71	7	8	6	4						21	48	321	007	31	27
25	23	9853	31	30	28	04	17	24	8	73	7	7	6	4											
26	02	9808	33	32	29	33	14	80	7	02	7	6	6	4	0	0									
26	05	9796	33	30	27	30	17	81	2	02	1	7	6	4				6							
26	08	9806	31	30	28	25	15	81	7	26	8	7	2	4				6							
26	11	9819	29	28	26	27	13	81	7	36	8	7	2	4				7							
26	14	9819	31	27	27	30	13	82	4	02	8	4	2	4			0	7							
26	17	9813	28	26	26	30	15	82	5	02	0	5	2	4			0	7							
26	20	9822	27	24	24	31	15	81	3	02	0	3	2	4			0	7		29	48	310	005	33	26
26	23	9826	27	24	24	31	17	81	6	85	0	6	2	4			0	7							
27	02	9822	26	23	23	31	20	81	3	02	1	3	2	5	0	0	0	7							
27	05	9816	25	23	19	20	08	81	5	03	8	4	2	5	3		0	5							
27	08	9796	26	24	21	29	05	82	6	02	8	5	2	5	0		0	6							
27	11	9785	27	25	20	22	04	82	2	01	8	1	2	5			1	6							
27	14	9782	27	25	20	22	10	81	7	85	8	7	2	5				6							
27	17	9790	26	23	17	20	09	81	7	02	8	7	2	5				5							
27	20	9787	27	23	19	20	03	81	7	02	8	8	2	5				5		31	31	155	000	29	24
27	23	9785	25	24	20	00	00	80	7	85	7	7	2	5				5							

Results of Surface Observations, Heard Island, August, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	02	9782	27	25	21	20	04	81	5	01	2	5	5	5	0	0									
28	05	9777	28	26	22	33	10	81	7	26	8	7	8	5			6								
28	08	9771	27	27	24	20	04	82	6	26	8	6	2	2	0	0	6								
28	11	9768	30	29	27	29	12	24	7	85	8	7	2	4			6								
28	14	9773	29	28	26	25	12	81	7	26	8	7	2	4			5								
28	17	9790	27	25	21	25	22	80	7	16	8	7	2	4			5								
28	20	9799	30	26	18	23	24	81	7	16	8	7	2	5			5								
28	23	9815	29	25	15	27	20	81	7	02	8	7	2	5			6			25	38	249	009	32	25
29	02	9821	29	26	20	25	21	82	5	02	2	5	2	5	0	0	6								
29	05	9826	30	27	19	25	22	81	7	02	1	7	2	5	0	0	6								
29	08	9835	29	26	20	25	18	81	4	02	1	4	2	5	0	1	6								
29	11	9847	30	27	19	25	18	81	4	02	1	4	2	5	0	1	6								
29	14	9856	30	27	19	23	13	81	7	02	1	6	2	5	0	1	6								
29	17	9870	28	27	25	22	09	32	8	70	2	8	6	5			6								
29	20	9881	28	27	24	20	03	80	8	22	7	8	6	4											
29	23	9905	29	28	27	22	22	80	7	36	7	7	2	4						25	52	330	003	30	27
30	02	9951	28	26	23	25	07	80	5	02	3	5	2	5	0	0	5								
30	05	9957	29	27	22	29	13	81	2	02	0	2	2	5	0	0	5								
30	08	9959	31	28	23	29	10	81	8	16	2	2	2	5	0	0	6								
30	11	9935	31	29	24	02	10	81	8	02	2	1	2	5	2	6	7								
30	14	9877	30	29	29	04	22	88	8	71	7	8	6	7			1								
30	17	9793	30	29	29	07	32	81	8	71	7	8	6	4											
30	20	9693	33	33	33	07	25	24	8	66	7	8	0	4	2										
30	23	9642	38	37	35	32	25	40	8	60	6	8	0	5	2					32	51	332	000	39	27
31	02	9677	31	29	23	29	30	80	8	26	2	8	5	5			6								
31	05	9685	30	27	20	29	28	81	5	26	8	5	2	5	0	0	6								
31	08	9663	31	28	22	30	30	82	5	02	8	5	2	5	0	0	6								
31	11	9618	31	28	23	32	40	82	5	02	8	5	2	5			6								
31	14	9578	31	29	25	32	32	81	7	16	8	7	2	5	0	0	6								
31	17	9635	30	29	26	23	50	16	8	86	8	7	2	4			6								
31	20	9729	29	28	27	22	61	40	8	26	8	7	2	4			5								
31	23	9829	28	27	24	24	47	80	8	26	8	8	2	4			5			25	13	775	029	38	27

Results of Surface Observations, Heard Island, September 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	* EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	02	9882	29	25	16	24	42	80	8	02	8	8	2	4			5								
01	05	9922	30	27	21	24	33	80	7	27	8	7	2	4			5								
01	08	9944	31	29	25	25	23	81	7	02	8	7	2	5			5								
01	11	9964	33	31	29	32	22	81	8	02	2	5	8	5	2		6								
01	14	9973	32	31	29	30	19	81	8	27	8	4	2	4	2		6								
01	17	9986	33	31	29	30	22	81	7	27	8	5	2	5	2		6								
01	20	9993	34	32	29	30	20	81	8	02	8	8	8	4			6								
01	23	9991	34	33	30	30	21	81	5	02	1	5	8	4	0	0	6			25	76	504	000	35	25
02	02	9984	34	33	31	30	25	80	6	87	1	6	2	4	0	0	6								
02	05	9954	35	34	32	33	23	80	8	02	2	8	8	4											
02	08	9909	36	35	32	34	22	64	8	80	2	8	2	4											
02	11	9861	37	37	36	32	23	40	8	61	6	8	6	4											
02	14	9823	39	39	39	32	35	24	8	61	6	8	6	4											
02	17	9814	39	39	38	32	28	24	8	50	5	8	6	4											
02	20	9836	37	35	32	29	22	80	8	50	5	8	6	4			6								
02	23	9842	36	34	31	29	12	81	8	02	5	8	6	4						32	62	476	000	40	34
03	02	9823	35	33	30	29	23	81	8	21	6	8	6	4											
03	05	9802	35	33	30	29	18	81	8	02	8	8	8	4			6								
03	08	9793	35	33	30	30	23	80	8	02	8	8	2	4			6								
03	11	9788	34	33	33	29	18	56	8	85	8	8	2	4			6								
03	14	9815	31	28	20	25	30	81	7	02	8	7	2	4			5								
03	17	9871	28	26	22	25	31	82	7	26	8	7	8	5			5								
03	20	9931	28	24	14	24	30	82	7	02	8	7	5	5			5								
03	23	9974	29	25	17	24	25	82	3	01	1	3	5	5	0	0	5			25	57	454	016	36	26
04	02	0009	28	27	25	29	18	40	8	85	8	8	2	4			6								
04	05	0035	30	27	23	25	14	82	7	26	8	7	2	4			6								
04	08	0058	29	27	23	23	10	81	7	02	8	7	2	5			6								
04	11	0064	31	29	24	29	15	81	7	85	8	7	8	6			6								
04	14	0061	33	30	24	34	13	81	6	02	1	6	8	5	0	0	7								
04	17	0032	32	29	24	36	18	81	8	02	2	6	8	5	2		8								
04	20	9979	32	29	24	03	28	81	8	02	2	3	5	5	2		1								
04	23	9903	31	31	30	06	30	08	8	73	7	8	0	7	2		1			03	40	298	002	34	27
05	02	9820	32	32	32	08	20	16	8	73	7	8	0	7	2										
05	05	9773	35	35	35	30	18	24	8	61	7	8	0	7	2										
05	08	9797	34	34	34	29	22	81	8	02	6	8	6	4			6								
05	11	9797	35	34	33	29	20	80	8	02	2	8	6	4			6								
05	14	9793	35	33	31	32	25	81	8	02	2	8	5	5			7								
05	17	9799	32	32	32	20	07	24	8	02	2	8	8	5											
05	20	9852	32	31	29	20	42	40	8	85	2	8	2	5			4								
05	23	9947	28	27	24	20	25	81	8	26	8	8	2	5			4			22	56	409	028	36	27
06	02	9995	26	23	18	22	35	82	7	02	8	7	2	5			5								
06	05	0048	27	24	19	22	30	82	6	02	2	6	2	5	0	0	5								
06	08	0081	28	25	21	23	23	82	6	02	1	6	5	5	0	0	5								
06	11	0095	28	25	18	25	15	82	5	02	1	5	5	5	0	0	5								
06	14	0102	28	25	17	36	02	83	7	02	1	7	5	5			7								
06	17	0070	29	26	21	03	19	80	8	02	2	8	5	5			8								
06	20	0057	30	29	27	02	25	80	8	02	2	8	5	5			8								
06	23	9974	32	31	28	03	30	80	8	02	2	8	5	4			8			23	50	463	001	32	26
07	02	9891	32	32	32	04	26	16	8	71	7	8	6	4											
07	05	9807	33	33	33	04	36	16	8	73	7	8	0	4	2										
07	08	9725	34	34	33	03	20	32	8	61	7	8	0	4	2										
07	11	9751	34	34	33	30	28	40	8	69	6	8	0	4	2										
07	14	9775	34	34	33	32	18	40	8	69	6	8	6	3											
07	17	9797	35	35	34	32	22	80	8	02	6	8	6	4			7								
07	20	9819	34	31	25	31	20	81	4	27	2	4	8	5	0	0	7								
07	23	9847	32	29	24	31	22	81	6	02	1	6	8	5	0	0	6			04	52	453	019	36	32
08	02	9870	31	28	21	30	18	81	3	02	0	3	8	5	0	0	6								
08	05	9901	28	26	21	31	15	81	4	02	0	4	2	5	0	0	6								
08	08	9926	31	28	23	32	15	81	8	03	2	5	2	5	3		6								
08	11	9923	31	30	29	32	20	40	8	71	7	8	6	4											
08	14	9885	33	33	32	32	18	40	8	71	7	8	6	4											
08	17	9855	36	35	33	32	30	32	8	60	7	8	6	4			6								
08	20	9859	36	35	32	32	38	40	8	61	6	8	6	3			6								
08	23	9865	38	36	34	32	40	40	8	61	6	8	0	5	2		6			32	68	492	035	38	27
09	02	9873	38	37	36	29	35	40	8	61	6	8	0	5	2		6								
09	05	9864	37	37	37	32	18	40	8	61	6	8	0	5	2										
09	08	9831	36	36	36	36	03	16	8	63	6	8	0	3	2										
09	11	9775	40	40	40	32	18	20	8	61	6	8	0	2	2										
09	14	9754	40	39	38	32	36	24	8	60	6	8	0	2	4		7								
09	17	9739	38	38	38	32	25	24	8	60	6	8	6	3			7								
09	20	9752	37	37	36	32	20	40	8	60	6	8	6	3			7								
09	23	9750	35	35	35	28	10	08	8	52	5	8	6	2			6			31	58	449	086	40	34

Results of Surface Observations, Heard Island, September 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	02	9754	33	32	32	07	02	24	8	71	5	8	6	2											
10	05	9773	30	29	24	22	25	80	7	26	8	7	2	4			5								
10	08	9846	29	27	23	22	27	80	8	26	8	8	8	4			5								
10	11	9890	29	26	20	22	26	81	8	02	6	8	5	5			5								
10	14	9921	31	27	20	30	20	81	7	02	2	7	5	5			6								
10	17	9930	31	29	26	31	20	81	7	27	1	7	8	5			6								
10	20	9948	32	29	24	31	23	81	3	02	8	3	2	5	0	0	6								
10	23	9958	32	29	24	31	24	81	3	02	0	3	2	5	0	0	6			21	43	240	033	35	29
11	02	9965	29	28	26	30	13	80	8	85	1	5	2	5	0	5	6								
11	05	9966	30	30	29	25	07	64	8	85	8	8	2	4											
11	08	9973	29	28	27	22	18	81	8	85	8	8	2	4	7		5								
11	11	9974	30	28	25	20	18	81	7	02	2	3	5	5	0	4	5		6						
11	14	9977	30	27	22	20	17	81	5	01	2	2	5	0	5		5								
11	17	9977	29	26	21	20	15	81	5	02	1	3	5	5		5	5								
11	20	9973	28	24	16	25	07	82	4	02	1	4	5	5	0	0	8								
11	23	9978	27	24	17	18	22	82	5	02	1	5	5	5	0	0	4			21	29	294	000	32	25
12	02	9984	27	24	17	20	17	81	7	03	1	7	5	5			4								
12	05	9991	28	25	19	22	17	81	8	03	2	8	5	5											
12	08	9998	27	25	21	25	10	16	8	85	8	8	2	4			6								
12	11	9986	31	29	27	29	12	40	8	26	8	8	8	4			6								
12	14	9967	31	31	30	29	24	16	8	85	8	8	2	4			6								
12	17	9977	32	30	27	28	18	81	7	26	8	7	8	4			6								
12	20	9992	32	29	22	26	20	82	6	02	8	6	8	4			6								
12	23	0000	33	29	23	29	18	82	4	26	8	4	8	6	0	0	6			31	40	329	000	34	27
13	02	0000	31	29	25	27	12	81	7	02	8	7	8	4			6								
13	05	0002	32	30	27	32	20	81	7	02	8	7	2	4			6								
13	08	0013	32	30	27	31	20	81	7	02	2	7	2	4			6								
13	11	0036	31	30	26	32	25	80	7	27	8	7	2	4			6								
13	14	0061	33	30	25	25	26	81	7	02	8	7	2	4			6								
13	17	0075	33	30	25	25	24	81	7	02	2	6	8	5	4		6								
13	20	0069	33	30	25	25	18	81	7	27	2	7	8	5			6								
13	23	0056	32	30	27	36	02	81	7	02	2	7	5	5						28	47	352	000	33	30
14	02	9957	31	31	31	02	20	24	8	71	2	8	6	3											
14	05	9860	37	37	37	32	30	40	8	61	7	8	6	3											
14	08	9831	38	37	36	29	37	40	8	60	6	8	6	2											
14	11	9834	36	35	32	29	30	80	8	02	6	8	6	4			6								
14	14	9856	35	34	31	32	27	80	8	24	6	8	6	4			6								
14	17	9886	35	33	30	25	20	80	8	16	2	8	2	4			5								
14	20	9916	35	34	29	25	17	81	8	02	2	8	2	4											
14	23	9908	35	34	28	27	18	81	8	85	2	8	2	4			6			31	56	424	063	39	31
15	02	9883	35	35	32	32	18	64	8	87	8	8	2	4			6								
15	05	9834	35	34	32	32	25	64	8	56	5	8	6	2											
15	08	9788	35	34	34	32	20	40	8	62	6	8	6	3			7								
15	11	9748	37	35	32	32	28	80	8	02	6	3	2	5	2		6								
15	14	9749	35	30	24	32	32	81	7	02	8	7	8	5			6								
15	17	9748	29	26	21	32	32	81	6	27	8	6	2	5	0	0	6								
15	20	9757	29	27	22	30	36	81	5	02	8	5	2	5	0	0	6								
15	23	9755	29	28	25	32	27	81	7	26	8	7	2	5			6			32	60	488	016	37	28
16	02	9758	29	27	24	30	30	81	6	26	8	6	2	4	0	0	6								
16	05	9758	28	25	19	30	36	80	7	27	8	7	2	4			6								
16	08	9809	28	25	18	25	27	81	3	02	8	3	2	5	0	0	6								
16	11	9855	30	27	19	27	27	80	5	02	1	5	2	5	0	0	6								
16	14	9828	28	27	23	31	22	80	8	27	8	2	2	4	7		6								
16	17	9758	31	31	31	36	18	24	8	73	7	8	0	4	2										
16	20	9669	34	33	33	32	30	40	8	61	7	8	6	4											
16	23	9629	35	35	34	32	35	80	6	21	6	6	6	4	0	0				31	66	487	002	37	24
17	02	9601	34	31	27	32	30	80	5	02	6	5	2	4	0	0	7								
17	05	9581	35	32	31	32	38	32	8	71	2	8	6	4											
17	08	9585	31	30	29	32	35	16	8	71	7	8	6	2											
17	11	9606	33	32	31	32	35	64	8	26	8	8	2	4			7								
17	14	9706	30	28	24	22	34	80	8	02	2	8	8	4			5								
17	17	9755	29	25	17	25	30	81	7	02	2	5	5	5	4		5								
17	20	9769	29	26	20	32	10	81	7	02	2	2	5	5	0	6	6								
17	23	9759	26	26	26	27	04	04	8	73	7	8	6	4						25	79	541	017	36	25
18	02	9759	26	25	22	27	15	81	3	01	7	3	6	4	0	0									
18	05	9748	28	26	21	27	10	81	7	16	8	5	2	5	0	2	6								
18	08	9744	27	26	22	29	10	82	7	26	8	7	8	5			6								
18	11	9727	26	25	22	29	18	80	7	26	8	7	2	4			6								
18	14	9743	23	23	22	25	45	02	8	72	8	8	0	4	2										
18	17	9784	22	21	17	22	35	01	8	72	7	8	0	4	2										
18	20	9809	22	21	17	22	35	80	6	26	8	6	2	4	0	0	5								
18	23	9855	23	19	08	22	20	82	1	02	1	1	5	5	0	0	5			26	67	448	002	30	21

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	02	9850	23	20	11	23	22	62	1	02	C	1	5	5	0	0	5								
19	05	9863	24	20	08	32	12	82	1	03	1	1	8	5			6								
19	08	9858	22	21	21	27	20	01	8	73	2	8	6	3											
19	11	9856	26	23	16	27	20	82	2	02	2	2	2	5	C	0	6								
19	14	9871	25	21	14	22	23	81	7	03	2	7	8	5			5								
19	17	9893	24	21	13	22	30	54	7	36	3	7	8	5			5								
19	20	9918	25	21	13	24	30	80	7	36	3	7	8	5			5								
19	23	9932	28	25	18	24	30	80	8	02	3	8	2	5			5			25	49	469	012	28	22
20	02	9935	30	28	25	30	18	80	8	02	8	8	2	5											
20	05	9939	30	28	25	29	15	81	7	02	2	7	2	5			6								
20	08	9937	30	27	22	29	22	81	6	02	2	6	2	5	C	0	6								
20	11	9913	31	29	24	32	15	81	7	02	2	3	2	5	7		7								
20	14	9876	33	31	29	32	25	40	8	16	8	8	2	4			6								
20	17	9843	30	29	27	29	30	24	8	85	8	8	2	4			5								
20	20	9855	27	23	15	22	33	80	8	26	8	7	2	5			5			31	58	395	000	33	24
20	23	9865	26	23	16	27	30	81	7	36	8	7	2	5			5								
21	02	9869	25	23	19	22	38	16	8	85	8	8	2	4			5								
21	05	9918	24	20	11	22	30	40	8	85	8	7	2	5			5								
21	08	9947	25	21	11	22	40	64	8	26	8	6	2	5			5								
21	11	9940	27	26	24	22	20	16	8	85	8	8	2	4			6								
21	14	9926	29	28	26	22	26	16	8	86	8	8	2	4			6								
21	17	9958	30	28	25	27	30	80	3	26	8	8	2	5			5								
21	20	9980	31	29	26	22	27	12	8	65	8	8	2	4			5			27	50	593	004	32	23
21	23	9996	31	29	24	23	27	81	7	26	8	7	2	5			5								
22	02	0009	31	29	25	22	20	81	8	02	8	8	2	5			5								
22	05	0015	31	30	28	22	18	81	8	26	8	8	2	5			5								
22	08	0012	31	28	22	24	07	81	7	02	8	7	2	5			5								
22	11	9999	32	30	26	31	09	81	7	02	2	7	2	5			6								
22	14	9977	32	30	26	31	10	81	8	02	2	6	2	5			6								
22	17	9947	31	29	25	36	10	81	7	02	2	6	2	5	C	1	7								
22	20	9922	31	29	26	01	10	81	8	02	2	8	2	5			8								
22	23	9894	31	31	31	01	12	40	8	71	2	8	6	4						25	36	131	008	32	31
23	02	9877	31	31	31	07	03	80	8	71	7	8	6	4											
23	05	9875	32	31	31	22	30	80	7	22	7	7	8	4			5								
23	08	9899	31	28	24	22	27	81	8	02	2	8	2	5			5								
23	11	9904	31	29	27	22	30	81	6	26	8	6	8	5			5								
23	14	9926	30	27	20	22	30	81	7	02	2	7	5	5			5								
23	17	9947	30	27	21	22	32	81	7	02	2	7	5	5			5								
23	20	9972	28	26	21	22	38	81	5	02	2	8	5	5	C	0	5			23	54	479	000	32	24
23	23	9997	24	22	17	22	36	81	5	01	2	8	5	5			5								
24	02	0018	24	22	16	22	24	81	8	03	2	8	5	4			5								
24	05	0030	23	21	15	22	14	81	7	02	2	7	5	5			5								
24	08	0034	24	22	14	22	06	81	8	02	2	8	5	5			5								
24	11	0028	25	24	13	29	05	81	8	02	2	8	5	5			5								
24	14	0015	26	23	16	09	07	82	7	02	2	7	5	5			8								
24	17	0013	26	24	18	09	14	82	8	02	2	7	5	5		1	1								
24	20	0015	26	24	20	09	14	82	8	02	2	7	8	5			1			21	39	239	000	26	22
24	23	0019	26	24	20	11	10	81	8	02	2	8	8	5			1								
25	02	0022	26	25	21	09	10	81	8	02	2	8	5	5			2								
25	05	0041	26	25	21	09	10	82	7	02	2	7	5	5			2								
25	08	0056	27	25	22	21	10	81	7	02	2	7	8	5			5								
25	11	0067	28	25	19	25	12	81	7	02	2	7	5	5			5								
25	14	0071	28	25	20	28	06	82	5	01	2	7	5	5	7	0	5								
25	17	0067	28	25	20	27	07	82	7	02	1	5	5	7	7	5	5	5							
25	20	0050	29	27	24	32	07	81	8	02	2	8	5	7											
25	23	0019	29	27	22	01	10	81	8	02	2	8	5	6						02	20	133	000	29	25
26	02	9966	29	27	24	02	17	81	8	02	2	8	5	5											
26	05	9900	31	30	29	04	20	80	8	87	2	8	8	5											
26	08	9822	31	31	31	04	12	08	8	73	2	8	6	3											
26	11	9758	32	32	31	29	20	40	8	22	7	8	8	3			7								
26	14	9759	32	29	25	27	15	81	7	02	2	7	8	5			6								
26	17	9712	32	31	28	32	20	24	8	26	8	8	2	5			7								
26	20	9672	30	28	24	29	23	81	6	26	8	6	2	5	0	0	7								
26	23	9657	30	28	23	27	20	16	7	85	8	7	2	5			6			29	49	387	000	34	28
27	02	9647	29	26	19	27	25	81	5	26	8	5	2	5			6								
27	05	9636	29	27	24	27	18	81	7	16	8	7	2	5			6								
27	08	9635	31	28	22	28	25	82	6	02	8	6	2	5			6								
27	11	9639	30	29	26	27	22	08	8	85	8	7	2	5			6								
27	14	9645	31	28	23	29	28	64	8	26	8	8	2	5			5								
27	17	9678	28	27	25	22	38	24	8	26	8	8	2	5			5								
27	20	9729	27	25	20	22	40	32	8	26	8	8	2	5			5								
27	23	9789	26	24	20	22	37	12	8	85	8	8	2	4			5			22	64	537	007	31	25

Results of Surface Observations, Heard Island, September 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
28	02	9824	25	23	18	22	38	80	7	02	8	7	2	5			5								
28	05	9850	24	20	10	22	32	24	8	26	8	8	2	5			5								
28	08	9869	26	25	17	22	30	81	7	02	8	7	2	5			5								
28	11	9882	27	25	19	22	10	81	7	02	2	7	8	7			5								
28	14	9875	28	26	22	29	07	81	7	85	2	7	8	5			6								
28	17	9839	29	28	24	02	12	64	8	70	2	8	6	4			8								
28	20	9793	31	30	30	07	15	40	8	71	7	8	6	4											
28	23	9766	32	31	31	29	08	80	8	71	7	8	6	4						22	51	387	000	32	22
29	02	9755	32	31	30	27	10	81	6	22	7	6	5	5	0	0									
29	05	9766	31	30	30	27	15	40	8	70	7	8	6	4											
29	08	9778	32	30	26	25	18	81	7	02	2	6	8	5	0	1	6								
29	11	9785	33	32	30	29	15	81	5	27	8	5	8	5	0	0	6								
29	14	9782	33	31	28	29	15	81	6	02	2	5	1	5	0	1	6								
29	17	9765	33	31	29	32	05	82	6	02	1	4	5	5	0	6	7								
29	20	9741	31	29	25	07	07	82	7	02	2	1	5	5	0	6									
29	23	9729	31	30	28	07	07	81	8	02	2	1	5	5	0	7				27	35	243	000	34	31
30	02	9739	31	29	26	32	04	81	8	02	2	0	0	9	0	7									
30	05	9774	32	31	29	22	20	81	7	02	2	4	8	4	4	8	5								
30	08	9835	30	30	30	20	28	04	8	86	8	8	2	4			5								
30	11	9375	32	31	29	20	23	81	5	02	8	5	8	4	0	0	5								
30	14	9929	33	32	29	21	28	80	7	26	8	7	2	4			5								
30	17	9975	33	31	29	21	30	80	7	02	8	7	8	4			5								
30	20	0030	30	29	28	20	24	24	8	80	8	8	2	4			5								
30	23	0064	29	27	25	21	28	24	8	66	6	8	6	4			5			21	47	439	000	34	28

Results of Surface Observations, Heard Island, October, 1954

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		$mb \times 10^{-1}$	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	02	0080	28	26	22	22	23	81	5	01	2	5	5	5	0	0	5								
01	05	0082	29	27	22	27	10	81	8	02	2	8	5	5			6								
01	08	0052	33	32	30	29	18	81	8	02	2	8	5	5			6								
01	11	0014	35	35	35	30	23	32	8	61	6	8	6	3											
01	14	9997	38	38	38	30	23	32	8	61	6	8	6	3											
01	17	9983	39	39	39	29	30	24	8	61	6	8	6	4											
01	20	9983	38	37	36	29	27	64	8	60	6	8	6	3											
01	23	9988	37	36	36	27	28	80	8	60	6	8	6	3						30	64	375	000	39	28
02	02	0034	34	33	32	23	27	40	8	50	6	8	6	3											
02	05	0085	33	32	28	23	25	81	7	68	5	7	6	4											
02	08	0093	34	31	28	23	23	81	7	02	2	7	5	4			5								
02	11	0096	34	33	32	27	25	81	6	15	2	6	8	4	0	0	6								
02	14	0095	35	34	32	25	15	81	6	02	2	5	5	4	3	0	6								
02	17	0069	34	34	33	22	18	81	7	02	2	2	6	4	3		5								
02	20	0051	37	35	33	25	20	81	7	02	2	7	6	4											
02	23	0027	34	33	33	25	12	40	8	66	2	8	6	4						23	48	379	029	38	32
03	02	9993	32	32	32	22	12	08	8	71	7	8	6	4											
03	05	9973	32	32	32	22	16	81	8	02	7	8	6	4											
03	08	9979	32	32	31	22	17	81	7	02	2	7	5	4			5								
03	11	9990	33	33	32	26	15	81	7	02	2	7	8	4			5								
03	14	0005	33	31	28	27	18	81	7	02	8	7	8	4			6								
03	17	0012	33	32	30	25	22	81	2	68	8	8	4			6			6						
03	20	0023	33	32	30	27	20	81	7	02	2	7	5	5			6								
03	23	0033	32	30	27	25	18	82	6	01	2	6	5	5	0	0	5			27	40	306	010	34	31
04	02	0044	31	30	28	26	20	81	7	26	8	7	8	4			5								
04	05	0059	32	30	26	25	27	81	6	02	8	7	8	5			5								
04	08	0072	32	30	28	25	18	81	4	02	1	4	8	5	0	0	5								
04	11	0096	33	31	27	27	22	81	7	26	8	7	8	5			5								
04	14	0124	33	31	28	23	24	81	7	02	2	7	5	5			5								
04	17	0150	33	29	24	23	30	81	5	02	1	5	5	5	0	0	5								
04	20	0175	32	30	26	25	20	81	5	02	1	5	8	5	0	0	5								
04	23	0181	33	30	26	27	18	81	5	02	0	4	8	5	4	0	0	5		52	35	394	000	33	29
05	02	0181	33	30	26	29	20	81	7	02	1	7	5	5											
05	05	0177	33	31	29	29	12	81	7	26	2	7	8	5		6									
05	08	0170	33	30	25	29	20	82	8	02	2	8	5	5		6									
05	11	0155	33	32	30	26	14	81	8	02	2	8	5	5		6									
05	14	0150	33	31	28	22	13	81	8	02	2	8	5	5		6									
05	17	0127	33	31	28	27	10	81	8	02	2	3	5	5	3	6		6	6						
05	20	0105	32	31	28	27	12	81	8	02	2	8	5	5		6									
05	23	0081	31	30	27	00	00	80	8	70	2	8	6	4						29	37	226	000	34	31
06	02	0054	31	29	26	02	05	81	8	02	2	8	6	4											
06	05	0019	30	29	27	07	07	81	8	02	2	3	6	4	2										
06	08	9977	33	33	32	08	20	81	8	02	2	3	5	5	2	2									
06	11	9922	36	35	33	07	22	80	8	50	7	8	6	4		2									
06	14	9872	36	34	32	08	27	80	8	02	6	3	5	5	2	2									
06	17	9840	34	34	33	09	12	24	8	50	5	8	6	3											
06	20	9813	33	33	33	27	04	16	8	51	5	8	6	3											
06	23	9804	32	32	31	22	24	32	8	02	5	8	6	4						08	38	239	000	36	30
07	02	9816	32	32	31	22	27	16	8	71	7	8	6	4											
07	05	9852	32	32	31	22	28	80	8	02	7	8	6	4		5									
07	08	9888	31	30	27	22	25	80	8	02	2	5	6	4	7	5									
07	11	9925	35	32	32	22	30	40	8	02	2	8	6	4		5									
07	14	9971	31	28	23	20	35	80	7	02	2	7	5	5		5									
07	17	0015	28	26	21	21	35	80	7	07	3	7	5	5		5									
07	20	0066	29	26	19	21	32	80	7	07	3	7	5	5		5									
07	23	0104	29	26	20	22	24	80	7	07	3	7	5	5		5				21	51	642	005	33	28
08	02	0134	30	27	21	22	20	81	7	02	3	7	5	5		5									
08	05	0151	30	27	22	24	18	81	7	02	2	7	5	5			5								
08	08	0163	32	29	24	29	10	81	8	02	2	8	5	5			6								
08	11	0163	33	31	28	27	10	81	8	02	2	8	5	5			6								
08	14	0166	33	31	29	32	13	81	8	02	2	8	5	5			6								
08	17	0165	32	30	27	34	07	81	7	02	2	6	5	5	0	1	6								
08	20	0159	32	31	29	34	16	81	8	02	2	8	5	5			7								
08	23	0157	33	31	29	32	21	81	8	02	2	8	5	4			7			23	34	242	000	33	28
09	02	0148	33	31	28	29	12	81	8	02	2	8	5	4			7								
09	05	0139	33	31	29	32	18	81	8	02	2	8	5	4			7								
09	08	0134	34	33	32	01	04	82	8	02	2	8	5	4			7								
09	11	0126	35	34	33	36	08	82	8	02	2	8	5	4			8								
09	14	0111	35	34	32	35	10	81	8	02	2	8	5	4			8								
09	17	0100	34	34	33	02	10	81	8	02	2	8	6	4			8								
09	20	0091	34	33	32	04	08	81	8	02	2	8	6	4			8								
09	23	0075	33	33	33	03	12	81	8	02	2	8	6	3			8			32	29	196	000	35	32

Results of Surface Observations, Heard Island, October, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	02	0046	34	34	34	06	12	81	8	02	2	8	6	3			8								
10	05	0033	34	34	33	07	12	80	8	02	2	8	6	4			8								
10	08	0017	35	34	32	07	10	80	8	70	2	8	6	2											
10	11	9993	35	35	35	02	10	40	8	61	7	8	6	2			1								
10	14	9981	33	33	33	07	12	24	8	71	6	8	6	2			1								
10	17	9963	33	33	33	07	08	24	8	71	7	8	6	2			1								
10	20	9955	33	33	32	07	07	24	8	71	7	8	6	2			1								
10	23	9942	33	33	32	07	06	24	8	71	7	8	6	2			1			07	22	164	001	35	32
11	02	9934	33	32	32	07	04	32	8	71	7	8	6	2			1								
11	05	9930	33	32	32	07	07	32	8	70	7	8	6	2			1								
11	08	9926	32	32	32	22	06	16	8	70	7	8	6	2			1								
11	11	9926	30	30	30	22	17	12	8	71	7	8	6	2											
11	14	9931	30	29	28	20	20	04	8	71	7	8	6	1											
11	17	9945	28	28	28	20	35	04	8	71	7	8	0	4	2										
11	20	9963	27	25	21	20	30	81	6	36	3	5	8	4	3	0	4	6							
11	23	9972	28	25	18	22	28	82	5	01	2	5	5	5	0	0	5			20	42	516	034	33	26
12	02	9979	28	25	17	22	25	81	7	03	2	7	5	5			5								
12	05	9982	27	24	17	20	28	81	7	02	2	7	5	5			5								
12	08	9983	28	25	21	22	14	82	8	02	2	8	5	5			5								
12	11	9977	28	26	22	27	08	24	8	85	2	8	8	4			6								
12	14	9967	31	29	25	32	10	80	8	02	2	8	5	5			6								
12	17	9933	31	31	31	34	12	32	8	70	7	8	6	4			7								
12	20	9903	32	31	30	28	14	80	8	22	7	8	6	4			7								
12	23	9877	31	30	27	00	00	04	8	71	7	8	6	5						21	35	290	006	33	27
13	02	9802	32	31	30	00	00	08	8	71	7	8	6	3											
13	05	9758	34	33	32	29	15	04	9	45	7	8	6	0											
13	08	9735	34	34	34	27	12	24	8	51	2	8	6	2			6								
13	11	9718	33	33	33	22	08	08	8	10	2	8	6	2			5								
13	14	9720	33	32	30	20	30	81	7	02	2	4	2	4	4	1	5								
13	17	9795	31	29	27	20	35	81	7	26	2	6	8	5	0	1	5								
13	20	9850	32	29	25	23	35	81	7	26	8	7	8	5			5								
13	23	9878	32	30	25	23	35	81	7	02	8	5	2	5	5		5			21	52	386	035	34	30
14	02	9918	32	29	24	23	35	81	7	26	2	4	2	5	3		5								
14	05	9936	33	31	28	23	25	81	7	26	8	7	2	4			5								
14	08	9943	31	30	28	29	18	12	8	87	8	8	2	4											
14	11	9926	32	31	30	25	12	16	8	85	8	8	2	4			5								
14	14	9894	34	33	32	29	25	40	8	85	8	8	2	4			6								
14	17	9894	35	33	32	32	18	40	8	02	2	8	6	4			7								
14	20	9891	34	34	34	27	17	24	8	10	2	8	6	4											
14	23	9886	34	33	32	27	20	24	8	10	2	8	6	5						23	47	584	004	35	31
15	02	9869	33	32	30	14	03	64	8	02	2	8	6	5											
15	05	9838	33	31	32	04	10	80	8	02	2	8	6	2											
15	08	9763	37	37	37	36	18	16	8	61	6	8	6	2											
15	11	9734	40	40	39	31	40	24	8	21	6	8	6	3			7								
15	14	9757	40	38	35	29	37	64	8	02	6	8	6	4			7								
15	17	9766	39	38	36	31	32	80	7	02	8	7	2	5			7								
15	20	9746	37	36	35	32	14	16	8	51	5	8	6	2			7								
15	23	9702	38	37	36	30	22	16	8	53	5	8	6	2			7			29	68	417	031	41	33
16	02	9709	38	36	34	30	40	24	8	60	6	8	6	3			7								
16	05	9758	33	30	25	29	40	80	6	02	6	6	2	4	0	0	7								
16	08	9787	33	30	25	30	25	80	5	02	1	5	2	5	0	0	7								
16	11	9810	32	30	27	30	25	81	4	02	1	4	2	5	0	0	7								
16	14	9827	30	28	24	30	30	81	4	27	8	4	2	4	0	0	7								
16	17	9848	28	26	22	30	25	40	8	85	8	8	2	4			7								
16	20	9879	30	27	20	30	30	81	6	02	8	6	2	5	0	0	7								
16	23	9914	31	27	18	30	25	81	3	02	1	3	2	5	0	0	7			29	78	514	030	39	27
17	02	9933	32	29	22	30	25	81	7	02	1	7	2	5			7								
17	05	9904	31	29	24	30	22	81	6	02	2	6	5	2	0	0	7								
17	08	9897	33	31	28	29	21	81	5	02	2	5	8	5	0	0	7								
17	11	9871	34	33	30	32	30	81	7	03	2	7	8	5			7								
17	14	9834	33	33	33	32	25	81	8	27	8	8	8	5			7								
17	17	9779	33	33	33	32	26	04	8	86	8	8	2	5			7								
17	20	9765	30	28	24	29	20	81	6	26	8	6	8	5			7								
17	23	9762	27	26	24	32	30	04	8	86	8	8	2	4			7			29	57	457	000	35	27
18	02	9779	27	25	20	29	25	04	8	86	8	8	2	4			6								
18	05	9782	27	24	17	29	22	81	6	27	8	6	8	5	0	0	6								
18	08	9792	29	26	21	29	27	81	6	02	8	6	8	5	0	0	6								
18	11	9809	29	27	22	29	36	04	8	87	8	8	2	4			6								
18	14	9840	30	27	19	28	30	81	7	02	8	7	2	5			6								
18	17	9863	30	28	25	27	30	64	8	16	8	8	2	4			6								
18	20	9884	29	26	21	29	36	80	8	27	8	8	2	4			6								
18	23	9912	28	26	23	28	27	81	2	01	8	2	2	5	0	0	6			29	66	483	004	31	24

Results of Surface Observations, Heard Island, October, 1954

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	02	9939	29	27	23	23	30	81	6	27	8	6	2	5	0	0	6								
19	05	9965	30	26	17	22	34	81	7	02	8	7	5	6			5								
19	08	9990	29	27	23	30	20	81	8	02	2	8	5	5			6								
19	11	0010	30	29	26	22	25	81	8	27	8	8	8	5			6								
19	14	0053	32	29	23	24	27	81	7	02	8	7	8	5			6								
19	17	0041	31	31	30	27	14	08	7	85	8	7	2	4			6								
19	20	0040	33	32	30	29	17	40	8	22	7	8	6	4			6								
19	23	0027	34	33	32	29	20	40	8	70	7	8	6	4			6			27	60	453	005	34	28
20	02	0009	34	33	32	29	20	40	8	71	7	8	6	4			6								
20	05	9985	34	33	32	29	20	24	8	71	7	8	6	3			6								
20	08	9970	34	33	33	29	20	32	8	51	7	8	6	2											
20	11	9939	35	34	34	32	18	32	8	50	5	8	6	2											
20	14	9912	35	34	33	32	18	16	8	68	6	8	6	2											
20	17	9879	35	35	34	32	16	24	8	68	7	8	6	2											
20	20	9864	33	32	28	29	15	81	7	02	7	6	0	5	2		7								
20	23	9851	32	29	25	27	18	81	7	02	2	7	5	5			6			31	66	589	014	35	32
21	02	9827	31	27	19	25	15	81	3	01	2	3	5	5	0	0	6								
21	05	9799	31	30	28	22	18	81	8	03	2	1	6	4	0	7	5								
21	08	9785	32	29	24	22	16	81	8	02	2	8	5	6			5								
21	11	9776	32	30	27	23	18	81	8	02	2	8	5	5			5								
21	14	9783	33	31	29	25	15	81	7	02	2	8	5	5			5								
21	17	9797	32	30	27	27	20	81	8	02	8	8	8	4			6								
21	20	9800	33	33	33	29	20	08	8	85	8	8	2	4			7								
21	23	9795	33	33	33	29	18	08	8	85	8	8	2	4			7			26	38	544	023	34	30
22	02	9782	34	34	34	29	20	08	8	71	7	8	6	3			7								
22	05	9779	35	35	35	29	30	04	8	53	5	8	6	3											
22	08	9784	35	35	34	29	30	24	8	51	5	8	6	3											
22	11	9802	36	36	35	29	28	64	8	02	2	8	8	4			6								
22	14	9822	37	36	33	29	30	64	8	02	2	8	2	4			6								
22	17	9852	37	35	33	29	28	80	8	02	2	8	2	4			6								
22	20	9854	34	32	27	29	27	81	3	27	2	3	2	5	0	0	6								
22	23	9869	35	33	29	29	20	81	5	02	8	5	2	5	0	0	6			29	51	506	015	37	32
23	02	9873	34	32	29	29	24	81	4	27	8	4	2	5	0	0	6								
23	05	9875	33	31	26	29	25	81	5	27	8	5	8	5	0	0	6								
23	08	9890	32	29	23	29	25	81	3	01	2	3	8	5	0	0	6								
23	11	9908	32	30	27	32	23	81	4	02	8	4	2	5	0	0	6								
23	14	9929	33	30	26	29	20	81	6	27	8	6	8	5	0	0	6								
23	17	9945	32	29	24	27	22	81	7	03	2	7	8	5			6								
23	20	9966	33	31	26	29	28	81	7	02	2	7	8	5			6								
23	23	9978	33	31	26	32	22	81	4	01	2	4	5	5	0	0	6			29	46	424	001	35	31
24	02	9981	33	31	29	29	23	81	7	03	5	7	5	5			6								
24	05	9972	34	32	28	32	20	81	8	02	5	8	5	4			6								
24	08	9947	34	33	32	32	23	80	8	02	2	8	5	4			7								
24	11	9919	35	35	32	32	22	64	8	85	2	8	8	4			7								
24	14	9894	34	34	33	32	21	04	8	85	8	8	2	4			7								
24	17	9898	34	32	29	29	20	81	7	02	8	6	2	4	3		6								
24	20	9923	33	30	26	30	20	81	6	02	8	6	2	5	0	0	6								
24	23	9935	31	29	26	30	18	08	8	85	8	8	2	4			6			32	48	432	000	35	30
25	02	9955	31	29	24	29	18	81	6	02	8	6	5	5	0	0	6								
25	05	9973	31	28	23	29	15	82	7	02	2	7	5	6			6								
25	08	9991	33	29	23	29	15	81	4	02	0	4	8	5	0	0	6								
25	11	0004	33	31	28	29	18	81	7	02	1	7	8	5			6								
25	14	0014	36	34	31	31	21	82	3	02	0	3	2	5	0	0	7								
25	17	0023	35	33	29	30	18	81	7	02	0	7	8	5			7								
25	20	0027	35	33	29	30	20	81	8	02	2	8	8	5			7								
25	23	0013	34	34	33	30	22	64	8	70	7	8	5	5			7			29	38	372	003	37	30
26	02	0004	35	34	33	30	26	64	8	70	7	8	6	4											
26	05	0017	35	34	33	30	22	64	8	22	7	8	6	4											
26	08	0025	35	34	33	32	18	80	8	02	5	8	6	4			7								
26	11	0055	35	33	33	28	18	80	7	26	8	7	2	4			6								
26	14	0075	35	30	25	22	20	81	7	02	2	7	5	5			5								
26	17	0080	33	31	27	25	14	64	8	02	2	8	6	4											
26	20	0068	31	31	31	07	07	06	8	71	7	8	6	2											
26	23	0025	34	33	33	00	00	06	8	71	7	8	6	2						30	46	544	003	36	31
27	02	9991	40	39	37	32	42	24	8	63	6	8	0	5	2		7								
27	05	9953	40	39	37	32	28	32	8	63	6	8	6	2											
27	08	9924	40	40	40	32	38	08	8	63	6	8	6	3			7								
27	11	9908	40	40	40	32	27	08	8	55	6	8	6	3			7								
27	14	9891	40	39	38	32	13	12	8	63	6	8	6	2			7								
27	17	9846	39	39	39	32	08	08	8	63	6	8	6	1			7								
27	20	9785	40	40	40	32	14	06	8	59	6	8	6	2			7								
27	23	9757	40	40	39	32	30	16	8	59	6	8	6	2			7			32	67	429	086	42	35

Results of Surface Observations, Heard Island, October, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	02	9743	39	39	38	32	20	24	7	10	6	7	6	1			7								
28	05	9712	38	38	38	32	20	02	9	45	6	8	6	0											
28	08	9699	38	36	33	30	30	64	8	02	6	8	8	4			7								
28	11	9694	37	35	33	32	22	64	8	02	5	8	8	4			7								
28	14	9685	35	34	32	32	15	64	8	85	8	8	8	4			7								
28	17	9645	35	34	34	32	20	32	8	68	8	8	6	3			7								
28	20	9648	35	34	34	30	18	64	8	20	8	8	6	3			7								
28	23	9699	34	34	34	29	20	64	8	50	5	8	6	3			7			30	55	441	071	41	33
29	02	9742	34	34	34	25	20	40	8	53	5	8	6	3											
29	05	9850	30	30	30	22	30	40	8	71	5	8	6	3			5								
29	08	9932	29	29	29	24	40	04	8	86	8	8	2	4			5								
29	11	9998	30	28	25	22	27	80	8	27	8	8	8	5			5								
29	14	0048	31	29	24	22	30	81	8	02	2	8	8	5			5								
29	17	0076	31	29	25	22	20	81	8	02	2	8	8	5			5								
29	20	0084	32	29	25	27	02	81	7	02	2	7	5	5			5								
29	23	0080	34	33	31	32	06	81	8	02	2	8	5	5						22	54	507	015	34	30
30	02	0060	35	33	32	32	18	81	8	02	2	8	5	5											
30	05	0055	35	35	34	32	22	81	8	02	2	8	6	4											
30	08	0015	36	36	36	31	20	80	8	02	8	8	6	2			7								
30	11	9989	35	35	35	33	07	24	8	61	6	8	6	1											
30	14	9956	37	37	36	32	22	16	8	63	6	8	6	1											
30	17	9922	38	38	38	32	22	16	8	63	6	8	6	3											
30	20	9902	38	37	37	32	18	16	8	62	6	8	6	2											
30	23	9883	36	36	36	30	23	40	8	21	6	8	6	3						31	50	349	012	39	35
31	02	9907	33	31	26	28	17	80	7	02	6	7	6	4											
31	05	9912	32		25	29	16																		
31	08	9917	33	31	27	29	20	81	5	02	1	5	2	5	0	0	6								
31	11	9914	35		30	29	14																		
31	14	9892	31	31	30	29	20	80	8	85	0	8	2	5			6								
31	17	9889	29		22	27	19																		
31	20	9895	30		27	27	21																		
31	23	9930	30		23	24	32													24	62	350	074	35	29

Results of Surface Observations, Heard Island, November, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	08	9996	30	27	21	23	26	81	7	02	8	7	8	4			5								
01	14	0044	31	28	22	22	25	81	7	03	1	7	5	5			5								
01	23																			23	59		000	31	28
02	08	0147	33	33	33	24	15	64	8	68	5	8	6	3			6								
02	14	0151	34	34	33	24	17	40	8	10	5	8	6	2											
02	23																			24	38		001	34	32
03	08	0173	34	34	33	24	17	64	8	10	2	8	6	3											
03	14	0142	36	35	32	25	17	80	7	02	2	6	6	3	3		6								
03	23																			29	39		016	37	32
04	08	0116	34	31	26	23	25	81	8	02	2	8	5	4			5								
04	14	0125	34	32	29	23	24	81	7	02	2	7	5	4			5								
04	23																			23	42		004	35	31
05	08	0107	32	32	31	09	13	80	8	70	7	8	6	3											
05	14	0125	42	39	35	32	28	80	8	02	2	6	5	5	5		7								
05	23																			31	66		002	42	31
06	08	9992	35	32	28	27	22	81	8	02	2	7	8	5	4		6								
06	14	9966	35	33	29	27	22	81	8	02	8	8	8	8			6								
06	23																			23	72		020	37	29
07	08	0037	31	29	24	27	30	81	6	02	2	6	8	5	0	0	6								
07	14	0056	32	29	23	25	28	81	7	07	8	7	8	5			6								
07	23																			25	61		000	34	28
08	08	0135	31	28	22	22	30	81	8	02	2	8	5	5			5								
08	14	0185	35	33	30	27	12	81	8	02	2	8	8	6			6								
08	23																			22	44		000	36	30
09	08	0110	35	34	33	07	17	40	8	66	2	8	6	4											
09	14	0027	39	39	38	31	12	24	8	50	6	8	6	2											
09	23																			25	46		000	40	33
10	08	0128	35	34	32	29	20	81	8	02	2	8	8	5			6								
10	14	0128	37	36	35	29	30	81	8	02	2	8	5	5			6								
10	23																			29	45		061	39	34
11	08	0058	37	37	36	32	35	16	8	60	2	8	6	3											
11	14	0070	37	36	35	28	18	81	8	02	8	8	8	4			6								
11	23																			30	52		001	38	35
12	08	9855	36	35	35	32	22	16	8	10	5	8	6	2											
12	14	9854	33	32	30	25	30	81	7	26	8	7	8	5			6								
12	23																			25	55		009	38	29
13	08	9914	32	29	23	27	30	81	7	02	2	7	2	5			6								
13	14	9940	33	29	23	25	27	81	7	16	8	5	2	4	0	2	6								
13	23																			25	67		002	34	28
14	08	0116	31	29	24	23	30	81	7	27	8	7	2	5			5								
14	14	0143	35	30	25	23	32	81	7	02	2	7	4	6			5								
14	23																			24	60		000	38	29
15	08	0058	38	38	38	03	12	40	8	02	7	8	6	2			8								
15	14	9972	40	39	38	07	19	32	8	60	6	8	6	4											
15	23																			31	67		033	42	33
16	08	9956	36	35	34	23	15	82	7	02	2	7	8	4			6								
16	14	9986	37	36	34	28	14	82	7	02	2	7	8	6			6								
16	23																			27	35		046	38	33
17	08	9959	37	37	37	09	10	24	8	61	6	8	0	4	2										
17	14	9896	38	38	38	09	14	16	8	61	6	8	0	3	2										
17	23																			05	24		009	39	34
18	08	9734	33	33	32	27	16	80	8	85	8	8	2	4			6								
18	14	9774	30	29	29	25	27	08	8	85	8	8	2	4			6								
18	23																			29	55		120	35	30
19	08	9825	35	33	30	32	18	80	7	26	8	7	2	4			7								
19	14	9745	39	38	37	31	20	08	9	10	6	8	6	0											
19	23																			29	51		001	39	30
20	08	9736	33	33	32	28	18	80	8	26	8	8	2	4			6								
20	14	9748	33	33	32	22	34	24	8	85	8	8	2	4			6								
20	23																			24	55		013	37	30

Results of Surface Observations, Heard Island, November, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
21	08	9847	32	31	31	23	20	80	8	85	8	8	8	4			5								
21	14	9889	33	31	29	23	27	81	7	26	8	7	2	4			5								
21	23																			25	45		000	35	28
22	08	0005	32	31	29	23	16	80	8	68	7	8	6	3			5								
22	14	9984	35	34	33	26	18	64	8	68	7	8	6	2			6								
22	23																			22	49		002	35	27
23	08	9802	33	33	33	07	15	24	8	53	7	8	6	2			1								
23	14	9748	37	36	35	30	22	40	8	85	8	8	2	4			7								
23	23																			31	51		035	38	32
24	08	9665	34	33	32	25	25	80	8	02	7	8	6	2			5								
24	14	9734	33	33	31	25	30	64	8	20	2	8	6	2			5								
24	23																			23	54		028	35	33
25	08	9938	33	30	27	23	27	81	7	02	2	7	2	4			5								
25	14	9997	35	32	27	22	25	81	8	02	2	8	8	6			5								
25	23																			23	60		000	35	30
26	08	9944	34	33	32	07	22	80	8	02	2	8	6	3			1								
26	14	9856	37	37	36	29	22	48	8	20	7	8	6	3			7								
26	23																			07	56		000	38	32
27	08	9879	36	33	29	29	20	81	8	02	2	8	8	5			6								
27	14	9876	35	33	29	29	14	80	8	02	8	8	5	5			6								
27	23																			29	42		024	38	30
28	08	9856	33	31	28	25	28	64	8	02	8	8	8	4			5								
28	14	9941	34	31	29	25	37	81	8	07	2	8	8	4			5								
28	23																			25	70		002	35	31
29	08	0122	34	31	27	22	30	81	8	02	2	8	8	4			5								
29	14	0162	36	33	29	22	20	81	7	02	2	5	8	4	7		5								
29	23																			25	51		000	37	32
30	08	0091	35	35	34	07	18	24	8	50	6	8	6	3											
30	14	9993	37	36	36	07	26	16	8	63	6	8	6	2											
30	23																			07	45		011	38	33

Results of Surface Observations, Heard Island, December, 1954

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	08	9954	36	34	32	22	04	81	7	02	2	1	6	4	3			6							
01	14	9940	36	34	31	04	10	80	7	02	2	6	4	5	7		1								
01	23																			24	25		050	39	33
02	08	9898	35	34	31	22	13	81	7	02	2	7	8	5			5								
02	14	9926	38	36	33	27	15	81	7	02	2	7	8	4			6								
02	23																			23	32		035	38	35
03	08	9952	37	35	33	29	12	81	8	02	2	8	8	4			6								
03	14	9960	38	37	35	32	04	81	8	02	2	8	5	4			7								
03	23																			27	22		000	40	32
04	08	9961	33	33	33	04	05	02	9	45	4	8	6	0											
04	14	9925	37	35	32	07	14	81	8	02	2	6	6	3	0	8	1								
04	23																			07	31		000	38	33
05	08	9866	36	34	31	00	00	81	7	02	2	2	5	5	7		6								
05	14	9861	38	35	32	34	05	81	8	02	2	2	5	6	1		6								
05	23																			21	36		000	39	32
06	08	9910	34	33	32	22	30	80	6	26	8	6	8	4	0	0	5								
06	14	9948	37	35	32	22	27	81	6	02	1	6	5	5	0	0	5								
06	23																			23	38		000	38	31
07	08	9931	37	34	30	07	22	81	6	02	1	5	5	6	3	0	1								
07	14	9889	35	34	33	08	28	24	8	51	2	8	6	4			2								
07	23																			08	51		000	40	32
08	08	9778	37	36	35	07	20	24	8	61	6	8	6	3											
08	14	9760	38	38	37	07	14	40	8	61	6	8	6	3											
08	23																			07	31		024	39	34
09	08	9927	36	36	36	24	07	02	9	45	4	8	6	0											
09	14	9925	37	36	33	04	02	08	8	10	2	8	6	1											
09	23																			08	48		018	40	33
10	08	9567	36	35	34	00	00	81	8	02	6	3	6	4	7										
10	14	9549	33	33	33	20	42	04	8	73	7	8	6	3			5								
10	23																			23	74		059	38	33
11	08	9976	35	33	29	23	45	64	8	02	2	8	5	5			5								
11	14	9855	35	33	30	22	30	80	8	02	2	8	5	4			5								
11	23																			23	75		001	36	32
12	08	9782	36	35	33	00	00	64	8	02	7	8	6	3											
12	14	9776	39	38	37	29	18	64	8	25	8	7	2	3	3		6								
12	23																			30	36		006	41	35
13	08	9802	37	35	32	29	15	80	8	02	2	7	2	4	3		6								
13	14	9796	39	38	36	29	15	64	8	02	2	8	8	4			6								
13	23																			30	44		003	40	33
14	08	9776	36	35	34	22	09	24	8	65	8	8	2	4			5								
14	14	9796	37	36	35	22	16	81	8	02	8	8	2	4			5								
14	23																			23	27		010	39	33
15	08	9854	35	34	33	22	15	80	8	16	8	8	2	4			5								
15	14	9873	38	36	34	20	22	81	6	02	2	5	8	4	3	0	5								
15	23																			20	32		003	39	30
16	08	9960	34	33	30	20	28	81	5	02	2	2	8	4	3	0	5								
16	14	9978	34	33	32	21	25	16	8	87	2	8	2	4			5								
16	23																			22	38		001	36	31
17	08	0020	34	33	31	21	32	81	8	02	8	8	2	4			5								
17	14	0029	34	34	33	20	28	81	8	26	8	8	2	4			5								
17	23																			22	44		001	35	32
18	08	0049	35	35	29	00	00	81	8	02	2	8	5	4											
18	14	0016	35	34	34	07	10	08	8	71	7	8	6	2			2								
18	23																			07	46		000	37	34
19	08	9824	35	35	35	25	18	08	8	61	6	8	6	2											
19	14	9831	35	35	34	25	20	64	8	20	6	8	6	2											
19	23																			07	37		056	37	32
20	08	9890	33	33	33	22	15	06	8	86	8	6	2	4	3		5								
20	14	9905	35	35	30	20	24	81	7	26	8	5	8	4	7		5								
20	23																			23	38		033	37	32

Results of Surface Observations,
Heard Island, December, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
21	08	9937	34	33	31	25	20	81	8	02	8	6	8	4			5								
21	14	9930	36	35	32	27	13	81	7	02	2	6	8	4	7		6								
21	23																			24	38		003	38	33
22	08	0012	34	33	33	22	17	81	7	03	1	7	8	4			5								
22	14	0028	36	34	31	22	13	81	7	02	2	6	5	5	0	1	5								
22	23																			06	36		000	41	34
23	08	9802	38	37	36	29	33	80	8	02	2	8	8	4			7								
23	14	9862	37	36	35	29	40	80	8	02	2	8	6	4			7								
23	23																			28	76		054	38	33
24	08	9879	35	34	32	04	12	16	8	70	2	8	6	3			1								
24	14	9727	39	38	37	04	10	16	8	21	6	8	6	2											
24	23																			29	70		001	39	32
25	08	9758	35	34	34	29	18	64	8	50	5	8	6	3			7								
25	14	9767	35	34	34	25	20	48	8	70	7	8	6	3			6								
25	23																			30	60		033	36	33
26	08	9897	36	35	34	24	20	80	7	02	2	7	5	5			6								
26	14	9907	38	36	32	25	10	81	7	02	2	7	5	5			5								
26	23																			29	40		005	39	32
27	08	9812	37	37	37	27	08	08	9	10	2	8	6	0											
27	14	9859	36	36	35	21	34	40	7	85	8	7	2	4			7								
27	23																			20	44		012	38	33
28	08	0057	37	35	32	22	18	81	3	02	1	2	5	5	0	8	5								
28	14	0082	39	38	36	32	06	81	6	03	1	6	5	6	0	0	5								
28	23																			06	47		002	41	33
29	08	9878	38	38	38	25	13	56	8	50	6	8	6	2			5								
29	14	9869	40	39	38	29	27	64	8	50	8	8	6	3			6								
29	23																			30	47		072	41	36
30	08	9962	38	36	34	25	18	81	6	02	2	6	2	4	0	0	6								
30	14	9955	38	37	36	34	07	64	8	62	6	8	6	3			7								
30	23																			28	49		003	53	38
31	08	9760	43	42	41	29	07	64	8	58	6	8	6	2			7								
31	14	9762	42	40	38	29	25	64	7	02	8	5	2	4			7								
31	23																			30	47		078	43	38

Results of Surface Observations, Macquarie Island, January, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	w	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	01	0109	43	43	43	31	07	81	5	02	2	5	6	4			7								
01	04	0103	44	44	44	33	08	81	6	02	2	5	5	4			7								
01	07	0100	45	45	44	35	12	81	7	02	2	5	5	6			7								
01	10	0088	44	44	44	35	01	02	7	44	4	5	6	0	3		8								
01	13	0056	45	45	45	16	05	80	8	44	5	6	6	2	4		3								
01	16	0021	44	44	44	13	07	48	9	05	2	6	6	2			3								
01	19	9986	45	45	44	17	12	02	8	41	2	5	6	0			3								
01	22	9941	43	43	43	16	20	01	9	47	4	8	6	0			3			26	24	253	000	46	42
02	01	9909	42	42	42	17	20	02	8	55	5	8	6	0			3								
02	04	9895	43	43	43	34	03	08	8	55	4	8	6	0	1		7								
02	07	9885	44	43	42	32	15	40	8	40	4	8	6	0			7								
02	10	9875	44	44	44	30	13	04	8	41	4	8	6	1			7								
02	13	9860	44	44	44	30	18	08	8	61	6	8	6	2			7								
02	16	9859	44	44	44	31	18	08	8	63	6	8	6	2			7								
02	19	9900	43	42	42	27	15	16	8	61	6	8	7	4			6			24	23	234	005	49	41
02	22	9929	42	42	42	24	15	40	8	60	6	8	7	4			6								
03	01	9950	41	40	39	23	20	80	7	01	6	7	8	3			6								
03	04	9994	42	42	42	29	14	40	8	51	5	8	6	5			6								
03	07	0033	40	38	35	27	25	80	8	02	5	8	6	4			6								
03	10	0026	41	40	39	27	24	80	8	44	5	8	6	4	3	7	6								
03	13	0033	44	43	42	29	25	80	8	50	2	8	6	4			6								
03	16	0024	44	43	42	30	27	80	8	60	2	8	6	4			6								
03	19	0035	44	44	44	30	27	80	8	20	5	8	6	3			6			31	36	573	043	45	40
03	22	0035	44	44	44	30	29	64	8	50	5	8	6	3			6								
04	01	0034	44	44	44	30	29	80	8	02	2	8	6	3			6								
04	04	0031	45	45	45	30	27	64	8	02	2	8	6	2			6								
04	07	0034	45	45	45	30	22	64	8	51	5	8	6	4			6								
04	10	0035	45	45	44	31	17	40	8	05	5	8	6	4			6								
04	13	0027	47	46	45	32	20	64	8	05	2	8	6	4			6								
04	16	0017	45	45	45	32	20	64	8	20	5	8	6	4			6								
04	19	0005	45	45	45	32	22	64	8	05	2	8	6	3			6			31	37	593	002	47	44
04	22	0006	44	44	44	32	25	40	8	53	5	8	7	3			6								
05	01	9988	44	44	44	32	25	16	8	58	5	8	7	3			6								
05	04	9991	41	41	41	27	12	40	8	53	5	8	7	4			6								
05	07	0001	42	41	40	27	12	64	8	20	5	8	7	5		1	6								
05	10	9996	45	43	42	27	15	81	8	02	2	8	8	5			6								
05	13	9989	44	42	40	27	15	81	8	02	2	8	8	5			6								
05	16	9978	44	42	40	26	18	81	4	02	1	8	8	5			6								
05	19	9982	41	40	39	23	10	81	6	02	2	8	8	5			5			26	37	459	018	46	39
05	22	9990	39	39	38	23	05	80	6	80	8	6	8	5			5								
06	01	9992	39	37	35	18	12	81	7	02	8	5	5	4		3	4								
06	04	0004	39	38	37	18	14	40	7	80	8	7	7	4			4								
06	07	0020	40	39	38	18	20	80	7	80	8	7	8	4			4								
06	10	0033	42	40	37	19	14	81	3	02	6	8	5	5			4								
06	13	0046	43	41	37	25	22	81	6	C2	1	6	5	4			6								
06	16	0055	42	41	38	25	14	81	8	02	1	4	6	4			6								
06	19	0061	43	41	38	27	22	81	8	02	2	8	6	4			6			27	42	290	001	45	38
06	22	0055	42	40	37	27	20	81	8	02	2	8	6	4			6								
07	01	0039	43	42	41	29	20	64	8	51	5	8	6	4			6								
07	04	0023	43	43	43	29	22	80	8	20	5	8	6	3			6								
07	07	0008	44	43	42	29	26	64	8	50	5	8	6	4			6								
07	10	0001	44	43	43	30	22	08	8	51	5	8	6	4			6								
07	13	9996	44	44	43	30	28	24	8	50	5	8	6	2			6								
07	16	9992	45	44	43	29	22	32	8	50	5	8	6	3			6								
07	19	0005	43	41	39	27	16	80	8	05	5	8	6	5			6			29	40	514	004	45	40
07	22	0013	43	41	39	27	14	80	7	05	2	7	5	4			6								
08	01	0022	40	38	35	26	23	80	6	05	2	6	5	4			6								
08	04	0043	41	38	33	25	17	80	7	05	2	7	5	5			6								
08	07	0058	42	38	32	29	16	80	8	05	2	8	5	5			6								
08	10	0059	43	40	35	28	20	81	8	02	2	8	5	5			6								
08	13	0051	43	41	38	29	23	80	8	02	2	8	5	5			6								
08	16	0047	44	41	37	29	26	81	8	02	1	3	5	5	3	7	6	7							
08	19	0037	43	42	40	30	30	80	8	02	2	8	5	6	4	0	6	0		29	40	417	001	45	40
08	22	0029	44	43	42	30	33	48	8	50	2	8	6	6	4		6								
09	01	0031	44	43	43	30	29	40	8	50	5	8	6	3			6								
09	04	0031	44	43	43	30	25	40	8	50	5	8	6	3			6								
09	07	0020	44	43	42	32	16	40	8	05	2	8	6	4			7								
09	10	0007	44	43	42	32	18	81	8	02	2	8	6	4			7								
09	13	9957	44	44	44	36	15	80	8	05	2	8	5	4			7								
09	16	9913	44	44	44	34	16	64	8	61	2	8	6	4			7								
09	19	9858	45	45	45	34	17	40	8	53	5	8	6	1			7			29	34	579	000	46	44
09	22	9833	45	45	45	31	20	80	8	20	5	8	6	1			7								

Results of Surface Observations, Macquarie Island, January, 1954

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	01	9825	44	44	44	31	17	80	58	01	26	56	6	24	7		7								
10	04	9804	43	43	43	31	16	80	88	02	65	88	6	33			7								
10	07	9808	44	43	42	29	17	64	88	05	55	86	6	34			7								
10	10	9821	45	44	43	27	23	80	88	20	55	88	6	34			6								
10	13	9837	45	44	43	27	20	80	88	20	55	88	5	34			6								
10	16	9847	44	42	40	27	22	80	87	05	52	77	5	54			6								
10	19	9862	41	39	37	27	12	80	87	05	55	77	8	44			6								
10	22	9876	39	37	35	25	15	80	77	50	55	77	8	44			5			27	44	430	023	46	37
11	01	9883	37	37	37	27	22	40	88	53	55	88	8	44			5								
11	04	9873	36	35	33	20	10	80	76	25	88	76	2	55			4								
11	07	9906	36	35	33	20	10	80	76	83	88	66	2	55			4								
11	10	9916	40	37	32	24	15	81	68	85	88	88	8	55			5								
11	13	9952	41	38	33	27	22	81	88	02	88	88	8	56			5								
11	16	9941	40	37	32	24	20	80	88	84	88	85	8	56			5								
11	19	9952	38	35	29	22	10	81	56	15	88	66	8	56			5								
11	22	9974	36	33	27	22	10	81	66	26	88	66	8	55			5			28	40	391	010	43	35
12	01	9982	39	35	28	27	15	81	77	02	88	77	8	54			5								
12	04	9994	38	36	33	27	15	81	78	16	88	78	8	54			5								
12	07	9998	41	39	36	27	28	80	85	84	88	85	8	44			5								
12	10	0000	44	41	36	27	36	81	55	25	88	55	8	55			5								
12	13	0003	43	41	39	27	32	81	55	02	88	55	8	55			5								
12	16	0006	42	40	36	27	35	80	66	02	82	66	8	55			5								
12	19	0007	41	39	36	27	29	80	68	02	82	68	7	55			6								
12	22	9999	41	40	38	27	21	81	77	02	82	77	5	54			6			27	54	585	007	44	37
13	01	9962	41	41	40	29	20	80	88	61	68	88	5	41			6								
13	04	9873	43	43	43	31	27	40	88	53	55	86	6	14			7								
13	07	9819	44	44	44	30	32	40	88	51	55	66	8	14			7								
13	10	9815	44	43	41	28	33	80	88	05	55	66	8	54			6								
13	13	9797	43	40	36	29	37	80	88	21	88	55	6	54			6								
13	16	9792	40	40	39	29	42	64	88	80	88	88	6	44			6								
13	19	9837	42	40	38	30	40	64	88	20	85	88	6	44			6								
13	22	9889	40	39	38	20	30	64	88	50	55	88	6	44			5			27	70	695	013	45	39
14	01	9987	39	36	31	19	24	80	68	20	55	68	6	44			5								
14	04	0051	39	36	30	22	12	80	88	50	55	87	6	45			5								
14	07	0096	40	35	26	19	10	80	88	05	55	87	5	55			4								
14	10	0113	42	38	31	27	07	81	77	02	22	88	5	55			5								
14	13	0126	43	40	35	29	14	81	77	80	22	74	8	55			6								
14	16	0128	44	41	36	29	15	81	77	02	88	46	8	55			6								
14	19	0128	43	41	38	31	20	80	88	25	82	66	8	55	3		6								
14	22	0130	44	43	41	31	25	80	77	02	22	66	8	55	3		6			19	41	627	008	45	39
15	01	0123	43	42	41	30	22	80	88	02	22	74	5	44			6								
15	04	0123	43	42	41	30	24	80	88	02	22	48	5	44	7		6								
15	07	0123	44	43	42	31	25	40	88	05	22	88	6	44			7								
15	10	0127	45	44	43	30	26	81	88	02	25	88	6	42			7								
15	13	0134	45	45	44	29	20	80	88	20	55	88	6	24			7								
15	16	0158	46	43	39	24	14	81	33	01	11	34	5	44		0	6								
15	19	0181	42	40	36	27	17	81	45	02	11	55	6	44		0	6								
15	22	0198	41	39	36	27	11	81	55	02	11	55	6	44		0	6			31	33	438	001	47	41
16	01	0192	41	40	39	29	11	81	78	02	22	76	5	54			6								
16	04	0194	41	40	39	31	04	81	88	02	22	65	5	54			6								
16	07	0175	44	43	42	31	08	81	88	02	22	55	6	54	3		7								
16	10	0157	44	43	43	35	12	32	88	50	25	48	8	10			8								
16	13	0098	45	45	45	35	12	02	99	45	54	88	6	00			8								
16	16	0055	45	45	45	36	18	08	99	55	54	88	6	00			7								
16	19	9998	46	46	46	32	18	02	98	45	55	88	6	00			7								
16	22	9976	46	46	46	32	24	02	88	55	55	86	6	00			7			32	36	305	000	46	40
17	01	9943	46	46	46	32	30	02	88	96	85	58	6	02			7								
17	04	9929	46	46	46	32	26	01	88	55	55	88	6	02			7								
17	07	9923	45	45	45	32	26	08	88	51	55	86	6	24			7								
17	10	9924	45	44	43	31	30	40	87	02	55	63	6	44			6								
17	13	9905	47	44	40	30	35	80	77	02	22	77	6	44	3		6								
17	16	9905	44	42	40	28	40	80	77	03	22	77	6	44		6	6								
17	19	9940	43	41	38	27	35	80	77	02	22	77	8	44			6								
17	22	9974	42	39	35	26	32	80	77	15	28	77	8	44			5			28	53	581	004	47	41
18	01	9986	42	39	34	29	30	80	78	25	85	78	5	54			6								
18	04	9962	42	41	39	32	38	40	88	52	55	88	5	44			7								
18	07	9924	44	43	42	31	40	40	88	52	52	88	5	45			7								
18	10	9934	46	43	40	30	40	81	88	02	22	86	5	55			6								
18	13	9940	44	41	36	29	31	81	88	02	22	63	5	55	3		6								
18	16	9947	44	41	37	29	27	81	88	01	28	88	5	55	3		6								
18	19	9955	42	40	37	29	27	80	88	01	28	88	5	55		0	6								
18	22	9956	39	37	36	27	31	81	88	25	81	88	5	55			6			31	52	788	000	46	39

Results of Surface Observations, Macquarie Island, January, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	01	9954	42	40	37	29	29	81	7	02	8	7	5	5			6								
19	04	9951	41	40	39	29	30	81	8	25	8	6	5	5			6								
19	07	9956	42	40	37	29	28	81	6	25	1	6	5	5			6								
19	10	9956	42	40	37	29	30	80	6	16	8	6	8	5			6								
19	13	9950	45	42	38	29	23	80	7	25	8	5	8	5	0	1	6								
19	16	9945	41	40	38	29	17	80	7	25	8	7	8	5			6								
19	19	9931	41	40	38	32	12	80	8	05	8	8	6	4			6								
19	22	9920	40	39	38	31	08	80	7	25	8	7	6	4			6			29	44	563	002	45	39
20	01	9898	42	41	39	34	07	80	7	05	2	7	6	4			6								
20	04	9845	42	41	39	10	07	64	8	61	6	8	7	3			2								
20	07	9795	42	42	41	18	05	40	8	51	6	8	7	3			4								
20	10	9780	44	44	44	31	25	40	8	51	5	8	6	2			7								
20	13	9763	43	43	43	30	22	16	8	51	5	8	6	1			7								
20	16	9768	42	41	40	29	32	40	8	20	5	8	6	3			6								
20	19	9803	42	40	38	27	28	80	7	02	8	7	8	4			6								
20	22	9824	42	41	39	28	22	80	8	80	8	6	8	4	3		6			27	47	358	026	45	40
21	01	9840	42	40	38	27	28	80	8	80	8	7	8	4			5								
21	04	9855	41	39	36	29	25	80	8	80	8	8	8	4			5								
21	07	9862	42	40	37	28	26	80	6	15	8	6	8	5			5								
21	10	9866	39	38	37	28	33	64	8	80	8	8	6	4			6								
21	13	9875	44	41	37	28	28	81	7	80	2	6	5	4		1	6								
21	16	9895	43	40	35	28	33	81	7	02	2	7	5	4			6								
21	19	9942	41	38	33	26	19	81	4	02	8	4	5	4	0	0	6								
21	22	9971	41	37	31	27	24	81	5	25	8	5	5	5	0	0	6			27	54	622	012	45	39
22	01	0005	40	36	29	28	16	81	6	25	8	6	5	5			6								
22	04	0034	40	37	30	28	18	81	6	02	8	6	5	5			6								
22	07	0072	42	39	33	26	19	81	4	02	1	4	5	5			6								
22	10	0086	40	39	38	27	25	80	7	27	8	7	8	5			6								
22	13	0097	44	41	37	27	26	80	6	25	8	6	8	5			6								
22	16	0102	44	41	37	27	24	81	4	02	1	4	8	5			6								
22	19	0105	42	31	35	27	25	80	7	05	2	7	5	5			6								
22	22	0107	41	40	37	28	17	80	7	25	2	6	8	5	3		6			27	42	567	003	45	33
23	01	0088	41	40	39	28	20	24	8	80	8	8	5	4			6								
23	04	0040	43	43	43	32	25	16	8	60	6	8	6	2			6								
23	07	0022	43	43	43	32	17	16	8	61	6	8	6	1			7								
23	10	0016	45	45	45	27	18	40	8	51	5	8	6	2			6								
23	13	0042	44	42	38	27	22	80	8	02	5	8	5	4			6								
23	16	0061	44	41	37	28	20	80	8	05	2	6	6	4			6								
23	19	0083	43	41	38	27	12	80	8	02	2	8	5	5			6								
23	22	0088	41	40	38	29	14	80	8	02	2	8	5	4			6			27	47	510	035	46	40
24	01	0062	42	42	42	29	18	40	8	50	5	8	5	4			6								
24	04	0037	43	43	43	29	25	16	8	62	5	8	6	2			6								
24	07	0040	44	44	44	28	22	24	8	60	6	8	6	3			6								
24	10	0047	45	44	43	27	30	81	6	02	6	6	6	4			6								
24	13	0062	43	42	41	27	29	80	8	50	2	8	6	4			6								
24	16	0072	45	42	38	26	33	80	8	15	8	6	8	4			6								
24	19	0082	43	41	38	27	30	80	7	15	8	8	5	4			6								
24	22	0092	43	41	38	27	27	81	8	02	8	8	5	4			6			27	52	518	004	47	42
25	01	0095	43	40	36	26	30	81	6	02	2	6	5	5			6								
25	04	0107	41	40	37	26	25	81	7	02	2	7	5	5			6								
25	07	0124	43	40	35	26	26	81	7	02	2	7	5	5			6								
25	10	0132	43	40	36	29	22	80	8	05	2	8	5	5			6								
25	13	0143	44	41	36	27	24	80	8	05	2	8	5	5			6								
25	16	0150	43	40	36	26	17	80	8	05	2	8	5	5			6								
25	19	0158	42	39	35	27	25	80	8	05	2	8	5	5			6								
25	22	0165	42	39	35	27	25	80	5	05	2	5	5	5			6			27	44	610	001	45	39
26	01	0150	41	40	38	27	15	80	4	05	2	4	5	4			6								
26	04	0153	42	42	42	30	10	80	8	05	2	7	6	4	3		6								
26	07	0136	44	43	42	30	16	80	8	05	2	4	5	4	3		6	4							
26	10	0130	44	43	42	31	20	80	8	05	2	7	6	4	7		6								
26	13	0100	44	44	44	32	20	01	8	50	4	4	6	0			7								
26	16	0061	45	45	45	32	20	16	8	51	4	8	6	1			7								
26	19	0040	45	45	45	32	12	01	8	44	5	8	6	1			7								
26	22	0012	46	46	46	32	20	01	8	61	4	8	6	1			7			32	28	425	000	46	41
27	01	9978	46	46	46	32	22	00	9	45	6	8	6	0			7								
27	04	9960	46	46	46	32	25	00	9	45	6	8	6	0			7								
27	07	9927	46	46	46	32	33	16	8	60	4	8	6	1			7								
27	10	9925	47	47	47	31	31	00	9	47	4	8	6	0			7								
27	13	9943	46	46	46	31	28	02	8	42	4	8	5	1			7								
27	16	9987	42	41	39	24	12	64	8	61	6	5	7	4	2		4								
27	19	0025	42	40	37	28	12	80	7	05	6	2	6	5	3		5								
27	22	0051	42	40	37	28	12	80	8	05	2	6	5	5	3		5			32	40	509	006	46	42

Results of Surface Observations, Macquarie Island, January, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	01	0059	41	39	35	27	15	80	7	05	2	7	5	9			5								
28	04	0073	41	39	36	27	12	80	7	05	2	4	6	4	3	1	6								
28	07	0091	43	39	33	27	22	81	5	25	2	2	2	5	0	2	5								
28	10	0106	45	42	38	27	24	81	7	15	8	7	8	6			6								
28	13	0106	47	43	38	30	22	81	7	05	8	5	5	3			5								
28	16	0121	45	44	43	29	22	81	7	05	2	4	8	9			6								
28	19	0131	44	43	42	29	22	80	7	05	2	7	5	9			6								
28	22	0147	43	42	40	28	22	60	8	05	2	8	5	9			6			27	37	410	002	47	40
29	01	0152	43	42	40	28	22	80	8	05	2	8	5	9			6								
29	04	0150	43	42	41	27	35	40	8	05	2	8	6	3			6								
29	07	0149	44	43	43	28	22	40	8	05	2	8	6	3			6								
29	10	0149	44	44	43	28	27	16	8	50	5	8	6	2			6								
29	13	0145	45	44	42	28	20	40	8	05	2	8	6	4			6								
29	16	0143	45	44	43	28	18	40	8	50	5	8	6	3			6								
29	19	0153	44	43	42	28	20	64	8	50	5	8	6	3			6								
29	22	0157	44	43	42	29	15	64	8	50	5	8	6	3			6			26	40	553	000	46	44
30	01	0154	44	43	42	29	16	80	8	50	5	8	6	4			6								
30	04	0138	44	44	44	30	35	60	8	55	5	8	6	1			7								
30	07	0146	46	45	44	30	26	32	8	50	5	7	6	3	3		7								
30	10	0139	47	46	44	30	30	40	8	05	2	5	6	4	3		6								
30	13	0140	46	45	44	30	28	40	3	05	2	8	6	3			6								
30	16	0154	46	45	44	29	20	40	8	05	2	8	6	3			6								
30	19	0165	45	44	43	29	14	40	3	05	2	8	6	3			6								
30	22	0165	44	44	44	30	14	01	3	46	4	8	6	0			6			29	34	524	001	48	43
31	01	0166	45	43	44	30	18	08	8	41	4	8	6	2			6								
31	04	0152	45	43	44	30	20	40	8	10	2	8	6	2			6								
31	07	0150	45	44	43	32	20	80	8	05	2	8	5	4			7								
31	10	0145	45	43	44	32	12	40	8	50	5	8	6	3			6								
31	13	0124	46	45	44	32	15	64	8	50	5	6	6	2	3		7								
31	16	0108	46	43	44	34	15	64	8	05	2	8	6	2			7								
31	19	0098	45	43	44	34	15	80	8	05	2	5	6	2			7								
31	22	0096	45	43	45	34	10	40	8	50	5	8	6	2			7			32	24	452	000	47	44

Results of Surface Observations, Macquarie Island, February, 1954

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	01	0085	45	45	44	34	12	40	8	05	2	8	6	2			7								
01	04	0067	45	44	43	35	12	64	8	05	2	5	6	2	3		7								
01	07	0061	45	44	43	36	12	40	8	05	2	8	6	1			8								
01	10	0050	45	44	44	34	10	16	8	10	2	6	6	2	3		7								
01	13	0037	46	45	45	33	06	16	8	50	5	8	6	2			7								
01	16	0023	45	45	44	33	02	16	8	10	2	8	6	1			7								
01	19	0015	44	44	44	32	02	16	8	51	5	8	6	0			7								
01	22	0000	44	44	44	31	02	00	9	47	5	6	6	0			7			36	23	583	001	47	43
02	01	9993	45	45	45	00	00	16	8	51	5	8	6	2			8								
02	04	9984	44	43	42	16	08	40	8	60	5	5	6	3	7		1								
02	07	9990	45	43	42	16	08	40	8	51	5	8	5	4			3								
02	10	9995	46	44	41	22	07	80	6	05	2	5	1	3	3	0	5	6							
02	13	9998	45	44	42	27	17	64	8	50	2	5	6	3	0	1	6		0						
02	16	0007	43	42	40	18	11	80	8	50	5	8	5	4			4								
02	19	0021	41	39	36	22	05	80	5	05	2	5	5	3			5								
02	22	0030	40	37	33	28	02	80	5	05	2	0	0	9	3	0		5		18	26	128	005	47	40
03	01	0022	41	40	38	28	03	80	8	05	2	8	5	3			6								
03	04	0012	42	42	41	30	12	64	8	50	5	8	6	4			6								
03	07	0015	44	43	41	18	07	64	7	50	5	7	5	4			5								
03	10	0015	42	41	40	17	15	80	6	80	8	6	6	4	6	0	3								
03	13	0018	42	41	40	16	15	80	8	80	8	6	6	4			4								
03	16	0017	42	40	37	17	20	81	7	15	8	7	6	3			4								
03	19	0017	40	36	36	17	10	81	8	02	2	8	5	3			5								
03	22	0015	38	37	36	17	09	80	7	50	5	7	5	3			4			16	23	501	002	45	38
04	01	0010	38	37	35	16	10	80	7	50	5	7	5	3			4								
04	04	0002	37	36	34	00	00	81	8	02	8	8	5	3			7								
04	07	9998	39	37	34	00	00	81	8	02	2	4	5	3	7		7								
04	10	9985	42	40	37	35	16	80	7	50	2	6	5	6	1		7								
04	13	9963	44	43	42	34	17	80	8	05	2	5	5	3											
04	16	9951	47	45	44	32	15	80	8	05	8	4	5	3		7	7								
04	19	9960	43	42	40	29	12	80	8	05	2	1	5	4	0	7	7		6						
04	22	9959	43	42	41	32	07	80	8	05	2	3	5	4	0	7	7		6	34	38	152	002	47	36
05	01	9952	42	42	41	36	05	80	8	05	2	6	5	4	0	7	7		6						
05	04	9922	42	41	40	02	02	80	7	05	2	4	6	3	0	1	7		6						
05	07	9881	43	42	41	09	15	64	8	60	6	5	6	3	1		8		6						
05	10	9847	43	42	41	07	20	40	8	62	6	8	7	4			1								
05	13	9820	45	44	43	34	20	81	4	15	6	3	9	3	6	1	7	7		7					
05	16	9816	45	44	42	32	10	81	4	15	8	3	9	3	6	1	7		7						
05	19	9810	44	43	42	35	07	80	4	05	1	3	6	4	6	0	7	7							
05	22	9803	43	42	41	36	04	80	5	80	2	4	2	3	6	0	7			36	34	307	016	46	41
06	01	9803	42	42	41	34	04	80	4	01	1	3	6	4	3	0	7	7							
06	04	9808	41	41	40	00	00	40	7	15	8	4	3	3	5		7	7							
06	07	9816	42	41	41	00	00	80	7	15	8	4	3	3	5		6	7							
06	10	9850	44	43	41	22	07	80	7	25	8	4	2	3	3		5	5							
06	13	9839	41	41	40	28	17	64	8	80	8	6	2	4			6								
06	16	9843	42	40	38	21	20	64	8	80	8	4	6	3			5								
06	19	9883	40	39	37	16	15	64	8	25	8	6	6	3			5								
06	22	9900	40	38	35	22	07	64	3	05	8	3	6	3			5			20	39	274	014	45	40
07	01	9909	40	37	35	22	15	80	4	25	8	3	6	5			5								
07	04	9927	39	36	31	27	22	80	8	25	8	6	6	5			6								
07	07	9954	40	37	32	27	15	80	8	05	8	6	6	5			6								
07	10	9960	43	39	32	27	18	81	7	02	2	7	5	6			5								
07	13	9970	43	39	32	27	18	81	6	02	2	6	5	6	0		5								
07	16	9978	43	40	36	27	10	81	7	02	2	7	5	6			5								
07	19	9973	43	40	36	32	05	81	7	02	2	2	5	6	7		6								
07	22	9967	43	41	38	35	10	80	8	05	3	3	6	4	7		7			27	40	415	005	44	37
08	01	9946	44	44	44	34	20	40	8	50	5	4	6	4	7		7								
08	04	9939	44	44	44	32	15	16	8	50	5	5	6	3			7								
08	07	9930	45	45	45	33	18	16	8	62	6	5	7	2			7								
08	10	9920	46	46	46	31	22	16	8	51	5	5	6	2			7								
08	13	9912	46	46	46	31	25	24	8	51	5	5	6	2			7								
08	16	9915	46	46	46	30	28	16	8	51	5	5	7	1			7								
08	19	9917	45	45	45	32	22	24	6	51	5	6	7	1			7								
08	22	9909	46	46	46	32	26	16	6	51	5	6	7	1			7			32	36	254	011	46	43
09	01	9886	46	46	46	32	28	16	8	51	5	6	7	0			7								
09	04	9843	46	46	46	33	30	24	8	20	5	6	7	2			7								
09	07	9790	49	47	46	32	39	40	8	02	5	6	6	4			7								
09	10	9754	48	48	48	32	44	32	6	50	5	6	6	3			7								
09	13	9851	44	42	39	27	40	60	4	05	5	4	1	4			6								
09	16	9898	45	42	39	28	34	80	2	05	1	2	4	4			6								
09	19	9940	43	41	38	27	34	80	6	80	3	4	5	4			6								
09	22	9954	44	42	41	28	30	80	3	25	8	3	5	3			6			27	64	715	010	49	41

Results of Surface Observations, Macquarie Island, February, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	01	9974	43	42	41	29	26	80	4	25	8	4	2	5	0	0	6								
10	04	9968	43	42	42	29	22	80	6	25	8	4	2	5	0	0	6								
10	07	9993	45	44	43	32	17	80	7	05	8	2	1	5	3		7	6							
10	10	9991	45	44	43	33	25	80	8	05	2	4	6	4	3		7	6							
10	13	9961	45	44	43	32	38	81	8	52	5	8	6	7	3		7								
10	16	9956	45	44	43	32	25	16	8	50	5	6	6	7	3		7	6							
10	19	9947	44	43	42	32	20	40	8	05	2	6	6	4	3		7	6							
10	22	9937	44	43	41	31	18	40	8	60	6	8	7	4			7			32	44	716	004	47	39
11	01	9945	43	41	39	27	30	80	8	80	8	6	8	4	3		6	6							
11	04	9963	43	41	39	27	30	80	8	80	8	6	8	4	3		5	6							
11	07	0021	42	39	34	27	36	81	6	15	8	6	8	5			5								
11	10	0062	44	40	34	27	31	81	3	05	1	3	5	5	0	0	6								
11	13	0095	46	44	41	29	21	81	8	05	1	8	5	5			6								
11	16	0091	45	43	42	31	23	81	8	05	2	7	6	4	3		7								
11	19	0084	46	45	45	31	28	48	8	51	5	8	6	3			7								
11	22	0084	46	46	46	31	26	80	8	05	5	8	6	4			7			28	46		004	46	41
12	01	0082	46	46	46	31	27	80	8	05	5	8	6	3			7								
12	04	0078	46	46	46	31	25	40	8	50	5	8	6	2			7								
12	07	0068	46	46	46	31	27	40	8	05	5	8	6	3			7								
12	10	0059	46	46	45	32	30	32	8	20	5	6	6	3			7								
12	13	0040	46	46	46	32	30	24	8	50	5	8	6	3			7								
12	16	0027	47	47	47	32	30	08	8	54	5	8	6	3			7								
12	19	0035	45	45	45	30	24	40	6	20	5	5	6	3	3		7	7							
12	22	0042	44	44	43	30	17	40	8	05	5	8	5	4			7			32	41		004	47	43
13	01	0049	43	42	43	27	22	40	4	05	2	4	5	4	0	0	6								
13	04	0053	43	41	39	27	17	64	7	05	3	7	5	4			6								
13	07	0050	45	43	40	27	12	80	6	05	2	1	1	5	0	2	6		6						
13	10	0046	45	44	43	32	08	80	8	05	2	2	5	5	3	7	6	6	6						
13	13	0054	45	44	43	32	10	80	8	05	2	2	5	5	1		7								
13	16	0019	46	45	44	32	18	81	5	02	1	2	5	5	3	0	7	6							
13	19	0019	43	42	41	29	20	80	7	80	8	7	8	5			6								
13	22	0031	42	40	38	27	20	81	4	02	8	4	8	5	0	0	5			27	33		002	46	41
14	01	0032	42	41	39	28	20	81	5	15	2	5	8	5	0	0	5								
14	04	0038	41	40	39	28	20	80	6	80	8	6	8	5			5								
14	07	0050	43	41	38	27	20	81	4	15	2	3	5	5			5								
14	10	0061	45	43	40	27	20	81	2	02	1	2	8	5	0	0	6								
14	13	0069	47	44	40	27	18	81	1	02	1	1	6	5	0	0	6								
14	16	0076	44	42	39	29	20	81	4	02	0	3	2	5	1	0	6	6							
14	19	0081	43	42	41	29	16	81	6	02	1	6	2	5			6								
14	22	0082	42	41	40	29	12	81	1	01	1	1	6	4	0	0	6			27	35		005	47	40
15	01	0075	42	41	40	30	10	81	2	02	1	2	6	4	0	0	6								
15	04	0047	41	41	40	30	12	81	8	02	1	4	6	4	7		6	6							
15	07	0040	42	41	41	28	20	80	8	61	6	5	5	5			6								
15	10	0024	46	44	42	30	17	80	8	05	2	1	1	5	0	7	6		6						
15	13	0009	45	43	41	33	19	80	8	60	2	1	6	5	2		6	6							
15	16	9988	45	44	43	29	19	64	8	80	8	7	6	4	3		6	6							
15	19	9995	44	43	42	29	25	64	8	25	8	6	6	4	3		6	6							
15	22	9995	45	44	42	31	28	64	8	60	6	8	6	4			6			29	37	380	001	47	37
16	01	9993	44	44	44	29	25	40	8	51	5	8	6	3			6								
16	04	0003	44	44	44	27	25	64	8	50	5	8	6	4			6								
16	07	0019	45	44	43	27	25	64	8	20	5	6	6	4	3		6	6							
16	10	0026	46	44	42	27	28	80	8	15	2	8	8	4			5								
16	13	0038	47	45	43	28	18	80	8	02	2	4	5	3			6								
16	16	0038	45	45	44	28	12	08	8	41	4	8	6	0			6								
16	19	0042	44	44	44	30	12	04	9	47	4	8	6	0			6								
16	22	0060	45	45	44	29	12	16	8	50	4	8	6	1			6			28	40	575	006	48	43
17	01	0070	44	44	44	29	15	08	8	53	5	8	6	1			6								
17	04	0080	44	44	44	29	12	08	8	53	5	8	6	1			6								
17	07	0094	45	45	44	29	10	16	8	50	5	8	6	2			6								
17	10	0107	44	44	44	29	14	24	8	50	5	8	6	2			6								
17	13	0101	45	45	45	30	16	24	8	05	5	8	6	2			7								
17	16	0099	44	44	44	31	16	16	8	50	5	8	6	2			7								
17	19	0090	44	44	44	32	17	16	8	50	5	8	6	1			7								
17	22	0078	44	44	44	32	16	16	8	50	5	8	6	1			7			28	26	374	008	45	43
18	01	0056	44	44	44	34	12	08	8	50	5	8	6	0			7								
18	04	0024	45	45	45	34	13	08	8	10	5	8	6	0			7								
18	07	0008	46	46	46	34	14	08	8	10	5	8	6	0			7								
18	10	9980	46	46	46	36	12	08	8	58	5	8	6	0			8								
18	13	9904	45	45	45	18	05	08	8	51	5	8	6	1			4								
18	16	9845	47	47	47	36	22	08	8	51	5	8	6	1			8								
18	19	9826	45	45	45	32	12	04	8	51	5	8	6	1			7								
18	22	9832	45	45	45	27	10	08	8	20	5	6	6	1			6			36	37	379	004	48	43

Results of Surface Observations, Macquarie Island, February, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	w	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	01	9828	43	43	43	32	10	028	8	44	4	8	6	9	0	0	7								
19	04	9799	45	45	45	32	22	088	8	61	6	8	6	2			7								
19	07	9761	45	45	45	34	25	168	8	61	6	6	7	3	7		6								
19	10	9742	45	44	43	30	35	400	7	60	6	6	2	5	3		5								
19	13	9775	44	41	37	28	28	801	5	16	2	6	8	5	0	0	5								
19	16	9815	43	41	38	27	25	801	6	15	8	5	8	9	0	0	5								
19	19	9870	41	40	39	27	25	800	6	88	8	6	9	9	0	0	5			26	50	776	054	47	37
19	22	9900	41	39	36	27	30	800	6	88	8	4	9	5	0	0	5								
20	01	9926	41	39	37	28	28	800	7	27	8	2	9	5	3		5	6							
20	04	9940	41	40	38	28	26	800	8	27	8	4	3	5	3		6	0							
20	07	9955	43	42	41	30	20	888	8	02	2	3	5	5	3		6	6							
20	10	9946	43	43	43	32	22	248	8	61	6	8	6	6			7								
20	13	9935	45	45	45	31	28	328	8	20	5	8	6	6			7								
20	16	9951	45	45	44	30	30	400	7	25	8	7	8	6			7								
20	19	0000	45	43	40	29	22	800	8	02	8	8	5	5			6			29	46	626	013	46	39
20	22	0034	44	43	42	29	21	400	8	02	5	8	6	4			6								
21	01	0074	43	43	43	29	20	088	8	54	5	8	6	4			6								
21	04	0091	44	43	42	29	21	800	7	02	8	7	8	5			6								
21	07	0140	43	42	41	27	23	800	8	80	8	7	8	5			6								
21	10	0162	45	44	43	27	25	800	7	25	8	3	6	4	0	8	6								
21	13	0190	45	45	44	28	12	800	8	05	8	6	5	6		2	6								
21	16	0200	45	44	44	31	15	800	8	05	8	5	5	6			6								
21	19	0214	43	43	43	30	12	648	8	05	2	2	7	6			6			27	38	583	004	47	42
21	22	0221	44	43	43	31	17	644	8	05	2	2	2	6	4	0	7								
22	01	0221	44	44	44	31	18	648	8	05	2	8	8	6	4		7								
22	04	0222	45	44	43	29	26	880	8	05	2	8	8	6	4		7								
22	07	0227	45	45	45	32	18	880	8	05	2	8	8	6	0		7								
22	10	0228	45	44	43	32	18	880	8	05	2	8	8	5	4		7								
22	13	0215	45	44	43	32	18	880	8	05	2	8	8	5	4		7								
22	16	0203	46	45	44	33	24	800	8	05	2	8	8	5	5		7								
22	19	0194	45	45	45	33	22	800	8	50	5	8	8	6	2		7			30	34	370	000	46	43
22	22	0185	45	45	45	33	25	400	8	50	5	8	8	6	3		7								
23	01	0168	45	45	45	34	25	408	8	50	5	8	6	6	2		7								
23	04	0152	45	45	45	34	18	168	8	50	5	8	6	6	1		7								
23	07	0150	45	45	45	34	22	168	8	10	5	8	6	6	0		7								
23	10	0136	45	45	45	34	14	168	8	10	5	8	6	6	0		7								
23	13	0114	45	45	45	34	14	048	8	46	2	8	6	6	0		7								
23	16	0091	45	45	45	34	12	028	9	45	4	8	6	6	0		7								
23	19	0048	45	45	45	35	06	028	8	45	4	8	6	6	0		7			34	30	471	002	47	44
23	22	0014	45	45	45	00	00	088	8	63	4	8	6	6	0		7								
24	01	9934	47	47	47	16	12	168	8	63	6	8	6	6	2		7								
24	04	9829	49	49	49	34	10	248	8	63	6	8	8	6	2		7								
24	07	9805	46	46	46	27	25	248	8	61	6	8	8	6	2		7	6							
24	10	9848	46	46	45	29	25	648	8	50	6	8	8	6	1		7	6							
24	13	9928	44	43	42	27	30	808	8	05	2	8	8	5	4		7	6							
24	16	9961	44	42	39	27	22	808	8	05	2	8	8	5	4		7	6							
24	19	9992	43	41	38	29	15	808	8	05	2	8	8	5	4		7	6		27	47	316	150	49	42
24	22	0006	43	41	38	29	16	808	8	50	2	8	8	5	4		7	6							
25	01	0006	42	41	39	30	10	808	7	05	2	7	5	5	4		6	6							
25	04	9982	42	39	34	30	15	808	2	05	2	2	0	5	5	0	6	6							
25	07	9980	44	42	39	33	20	808	3	05	2	0	3	5	9	0	6	6	6						
25	10	9968	45	43	40	32	20	808	7	03	2	3	4	5	5	3	6	7	6						
25	13	9936	44	43	42	34	20	804	8	05	2	7	8	6	4	3	6	7	6						
25	16	9910	45	44	43	34	22	808	8	62	6	8	4	7	3	7	6	7	6						
25	19	9908	44	43	42	33	15	808	7	05	6	8	3	6	5	3	6	7	6	32	32	517	000	46	41
25	22	9917	41	40	39	28	10	881	5	01	2	6	5	5	5	3	6	7	6						
26	01	9920	42	41	40	32	10	881	5	01	2	8	0	5	9	3	6	6	6						
26	04	9922	42	41	40	32	14	880	7	15	8	8	4	8	4	3	7	6	6						
26	07	9924	42	41	40	31	08	880	7	15	8	2	5	5	5	3	7	7	6						
26	10	9930	44	43	42	32	10	881	7	02	8	1	2	5	5	3	7	7	6						
26	13	9924	47	45	43	32	13	881	7	02	8	1	2	8	5	3	7	7	6						
26	16	9926	45	43	42	30	12	881	7	02	8	1	2	5	0	0	7	7	6						
26	19	9945	42	40	37	28	16	881	7	02	8	0	1	0	0	0	7	7	6	32	26	372	025	47	40
26	22	9956	42	38	33	29	13	881	7	02	8	0	0	0	9	0	7	7	6						
27	01	9968	41	39	35	29	15	881	7	02	8	1	1	5	5	0	0	0	0						
27	04	9971	42	40	37	32	17	881	7	02	8	2	1	5	5	0	0	0	0						
27	07	9977	43	41	38	32	18	881	7	02	8	1	1	5	5	3	0	0	0						
27	10	9973	45	43	40	32	20	880	7	03	8	1	1	5	5	3	0	0	0						
27	13	9954	46	44	41	33	23	880	7	03	8	2	2	5	5	3	0	0	0						
27	16	9933	45	44	42	34	20	880	8	03	8	2	2	5	5	3	0	0	0						
27	19	9913	44	44	44	35	20	644	8	51	8	2	5	5	5	4	0	0	0						
27	22	9890	43	42	42	31	12	404	8	61	6	2	6	6	4		0	0	0	32	37	402	001	46	40

Results of Surface Observations, Macquarie Island, February, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
28	01	990C	42	40	37	31	10	80	0	05	6	0	0	9	0	0									
28	04	990C	42	40	37	31	12	80	2	25	6	2	2	4	0	0	7								
28	07	9904	41	41	40	31	18	40	6	81	6	6	2	4	0	1	7		7						
28	10	9899	45	43	40	32	28	81	4	15	6	2	9	6	0	1	7		7						
28	13	9895	44	42	39	32	24	80	6	15	8	3	9	6	0	3	7		7						
28	16	9882	45	44	43	33	20	80	7	01	8	3	5	3	0	5	7	7	7						
28	19	9860	45	43	44	34	20	16	8	63	6	6	7	2	3		7			32	40	469	020	45	40
28	22	9816	45	45	45	34	28	16	8	63	6	8	7	2											

Results of Surface Observations, Macquarie Island, March, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	w	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	01	9783	44	44	44	33	20	40	8	21	6	8	7	24	7		7								
01	04	9783	43	43	43	29	28	40	8	16	6	6	7	24			6								
01	07	9905	43	41	38	27	40	80	8	15	6	6	2	85			6								
01	10	9978	45	42	38	27	30	80	3	05	1	3	6	55	0	0	6								
01	13	0026	46	44	41	30	23	80	7	05	1	3	6	55	3	8	6	6							
01	16	0059	44	43	42	32	20	80	8	05	1	8	6	54			7								
01	19	0023	45	44	43	33	29	40	8	63	6	8	6	44			7								
01	22	0003	46	46	46	32	34	40	8	63	6	8	6	44			7			27	58	615	052	46	40
02	01	0003	46	46	46	32	32	80	8	02	6	8	6	45			7								
02	04	0009	46	45	44	32	31	80	8	02	2	8	5	55			7								
02	07	0059	44	42	40	29	25	80	8	02	2	8	5	54			7								
02	10	0081	44	43	42	29	26	64	8	05	2	8	5	55			7								
02	13	0106	45	43	39	30	25	80	7	05	2	2	5	54	0	2	7								
02	16	0117	45	44	43	32	18	64	7	05	2	1	5	54	0	0	7								
02	19	0121	45	44	43	32	20	64	7	05	2	1	6	44	3		7	7							
02	22	0119	45	45	45	32	18	40	8	51	5	8	6	44			7			30	44	702	011	47	43
03	01	0119	45	45	45	32	25	32	8	53	5	8	6	44			7								
03	04	0124	45	45	45	32	16	32	8	50	5	4	6	40	3		7	7							
03	07	0142	45	45	45	32	17	01	9	45	5	8	6	60			7								
03	10	0140	46	46	46	32	26	16	8	50	5	8	6	60			7								
03	13	0150	46	46	46	32	20	40	8	50	5	8	6	60			7								
03	16	0150	45	45	45	32	12	01	9	45	4	8	6	60			7								
03	19	0160	46	46	46	32	16	40	7	05	4	4	6	60			7								
03	22	0166	45	45	45	32	10	40	8	05	2	5	6	24	3		7			32	30	547	003	46	44
04	01	0155	45	45	45	33	16	40	8	50	5	8	6	33			7								
04	04	0145	46	46	46	33	24	40	8	50	5	8	6	32			7								
04	07	0140	46	46	46	34	15	16	8	50	5	8	6	60			7								
04	10	0131	46	46	46	34	17	08	8	50	5	8	6	60			7								
04	13	0127	46	46	46	32	08	02	9	45	4	8	6	60			7								
04	16	0116	46	46	46	34	11	01	9	45	4	8	6	60			7								
04	19	0111	46	46	46	34	13	01	9	45	4	8	6	60			7								
04	22	0113	46	46	46	28	05	01	9	45	4	8	6	60			7			32	30	415	004	47	44
05	01	0102	45	45	45	32	04	01	9	45	4	8	6	60			8								
05	04	0077	46	46	46	32	16	01	9	45	4	8	6	60			8								
05	07	0065	47	46	45	36	17	64	2	05	4	2	6	60	0	0	8								
05	10	0057	47	47	46	36	18	80	7	05	2	6	6	60	3		8	7							
05	13	0054	47	47	47	35	18	01	9	47	4	8	5	60			8								
05	16	9999	50	49	48	02	15	64	8	05	4	8	5	60			8								
05	19	9975	48	48	47	02	10	64	8	05	2	8	6	60			8								
05	22	9934	49	49	49	36	07	32	8	51	5	8	6	43			8			36	40	364	001	50	44
06	01	9897	49	49	49	36	12	32	8	51	5	8	6	33			8								
06	04	9843	49	49	49	36	10	24	8	51	5	8	6	33			8								
06	07	9833	46	46	46	32	30	32	8	58	5	8	6	34			8								
06	10	9873	45	43	40	30	38	80	8	25	5	8	6	37			8								
06	13	9902	47	46	47	33	32	40	8	05	5	8	6	44			8								
06	16	9894	47	47	47	35	24	40	8	60	6	8	6	44			8								
06	19	9868	48	47	46	36	35	40	8	60	6	8	6	44			8			35	58	432	018	50	43
06	22	9849	45	45	44	34	30	40	8	63	6	8	6	44			8								
07	01	9850	44	44	44	34	22	40	8	60	6	8	7	44			7								
07	04	9855	44	44	44	34	18	80	7	05	5	8	6	45	3		7	7							
07	07	9830	44	44	43	32	24	81	4	01	1	6	5	53	3	0	7	7							
07	10	9845	45	43	40	34	20	81	6	01	1	4	5	55	0	1	7								
07	13	9849	46	44	41	34	20	81	3	01	1	2	5	55	0	0	7	7							
07	16	9854	46	44	42	33	18	81	1	25	1	1	8	66	0	0	7								
07	19	9868	44	42	41	32	17	81	2	02	1	2	6	65	0	0	7			33	32	602	015	46	43
07	22	9889	43	42	41	33	15	81	2	02	1	2	6	55	0	0	7								
08	01	9891	43	42	41	33	14	81	7	02	1	7	6	55			7								
08	04	9891	41	40	38	32	20	80	8	80	1	8	4	55			7								
08	07	9885	44	42	41	33	21	81	4	02	1	8	4	55			7								
08	10	9875	44	42	39	34	25	64	7	25	1	8	6	55	0	3	7								
08	13	9852	41	40	39	33	22	64	8	83	1	8	5	54			7								
08	16	9856	43	40	35	27	28	64	7	25	1	8	7	44			7		7						
08	19	9901	41	40	38	29	25	64	7	80	1	8	5	44	0	3	7								
08	22	9955	41	37	29	27	26	80	2	25	0	2	2	44	0	0	6			30	41	439	005	45	39
09	01	9980	41	37	30	29	24	80	2	25	8	2	2	44	0	0	6								
09	04	9988	42	39	35	31	20	80	6	80	8	2	1	49	0	0	7								
09	07	9999	41	40	38	31	12	80	8	05	8	4	0	84	3	0	7	6							
09	10	9991	43	41	38	34	20	80	7	05	8	6	5	55	1	0	7								
09	13	9954	43	42	41	36	22	16	8	52	6	6	7	44			7								
09	16	9926	44	42	40	33	11	81	6	01	6	8	2	55			7	7							
09	19	9930	43	41	38	29	20	80	7	25	8	4	7	55	3	0	7								
09	22	9945	41	38	33	28	24	80	7	15	8	7	8	55			6			36	39	588	023	45	39

Results of Surface Observations, Macquarie Island, March, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
10	01	9953	40	38	36	28	18	81	5	15	8	5	8	5			6								
10	04	9956	39	37	34	27	22	81	6	80	8	6	8	5			6								
10	07	9978	40	38	35	27	15	81	5	80	8	5	8	5	0	0	6								
10	10	9988	41	40	37	27	10	81	5	25	8	6	8	5			6								
10	13	0000	41	39	35	25	15	81	5	25	8	5	8	5			6								
10	16	0006	42	39	35	27	20	81	4	02	8	4	8	5			6								
10	19	0022	41	38	34	30	18	81	8	02	2	0	8	5			6								
10	22	0019	41	38	35	31	12	81	8	02	2	8	5	5			6			27	32	442	017	44	38
11	01	0003	42	40	38	33	18	81	8	02	2	8	5	5			6								
11	04	9974	43	43	43	33	21	81	8	02	8	8	5	5			7								
11	07	9952	45	44	43	01	16	81	8	02	6	5	5	5			7								
11	10	9933	45	45	45	36	25	40	8	51	5	6	6	2			8								
11	13	9873	46	46	46	35	26	40	8	53	5	8	6	1			8								
11	16	9828	46	46	45	34	26	02	8	55	5	8	6	0			8								
11	19	9840	45	45	45	32	25	02	8	51	5	8	6	0			8								
11	22	9852	44	44	44	31	16	02	8	51	5	8	6	0			7			36	51	441	003	47	41
12	01	9850	45	45	45	32	10	02	8	51	5	8	6	0			7								
12	04	9856	47	47	47	02	12	02	8	51	5	8	6	1			7								
12	07	9825	45	45	45	34	10	01	9	45	8	8	6	0			7								
12	10	9829	44	44	44	33	15	80	8	02	5	8	6	2			7								
12	13	9841	46	46	45	33	12	40	8	05	2	8	6	2			7								
12	16	9858	45	45	44	33	08	40	8	05	2	7	6	3			7								
12	19	9884	46	46	46	02	08	40	8	05	2	7	6	3			8								
12	22	9898	45	45	44	00	00	40	7	05	2	4	6	3	0	1	8			01	25	491	039	47	43
13	01	9902	43	43	43	16	14	01	9	45	4	8	6	0			3								
13	04	9902	43	43	43	16	22	01	9	45	4	8	6	0			3								
13	07	9895	44	44	44	15	34	16	8	62	6	8	7	3			3								
13	10	9898	44	44	44	16	31	08	8	63	6	8	7	2			3								
13	13	9908	44	44	44	15	22	16	8	21	6	8	7	2			3								
13	16	9943	44	44	44	12	15	08	8	50	5	8	7	2			3								
13	19	9997	45	44	43	00	00	80	8	02	2	8	6	4			3								
13	22	0032	45	44	43	13	02	80	8	02	2	8	6	4			3			14	41	435	041	46	42
14	01	0043	44	44	43	16	08	80	1	01	1	1	6	4	0	0	3								
14	04	0056	45	45	44	15	12	40	8	05	1	8	6	2			3								
14	07	0066	45	45	44	14	16	80	8	02	2	8	6	3			3								
14	10	0063	45	44	44	16	14	32	8	61	6	8	7	3			3								
14	13	0034	44	44	44	16	20	16	8	51	6	8	7	1			4								
14	16	0026	44	44	44	14	10	03	9	47	5	8	7	0			3								
14	19	0032	44	44	44	15	08	03	9	47	4	8	6	0			3								
14	22	0035	43	43	43	00	00	02	9	45	4	8	6	0						15	26	343	017	46	43
15	01	0030	43	43	43	00	00	04	9	43	4	8	6	0											
15	04	0022	42	42	42	16	04	40	8	41	4	8	6	4			4								
15	07	0017	44	43	42	14	05	40	8	41	2	0	6	9	2										
15	10	0012	44	44	44	00	00	16	8	61	6	4	6	2	7										
15	13	9984	43	43	43	16	10	16	8	61	6	6	6	2	7		3								
15	16	9957	46	46	46	22	05	16	8	51	6	8	6	2			4								
15	19	9945	43	43	43	29	15	16	8	61	6	8	7	2			6								
15	22	9945	44	43	43	28	20	40	6	61	6	4	7	2	7	0	6	7		31	19	217	032	46	41
16	01	9954	43	43	43	34	08	00	9	45	4	8	6	0			7								
16	04	9957	42	42	42	00	00	40	7	01	4	5	6	2	3			7							
16	07	9956	44	44	44	14	05	40	8	10	2	8	6	2			3								
16	10	9950	44	44	44	16	10	40	8	02	4	8	6	1			4								
16	13	9933	44	44	44	14	15	40	8	61	6	8	6	1			3								
16	16	9916	44	44	44	15	17	16	8	63	6	8	6	1			3								
16	19	9907	44	44	44	16	23	16	8	63	6	8	6	1			3								
16	22	9910	44	44	44	16	17	08	8	51	6	8	6	1			3			15	26	250	031	45	42
17	01	9915	44	44	44	17	14	24	8	10	5	8	6	1			4								
17	04	9923	44	44	44	16	15	08	9	47	2	8	6	0			4								
17	07	9931	44	44	44	16	12	02	9	45	4	8	6	0			4								
17	10	9930	43	43	43	16	12	01	9	45	4	8	6	0			4								
17	13	9925	43	43	43	16	12	06	9	43	4	8	6	0			4								
17	16	9917	43	43	43	16	13	12	8	51	4	8	6	3			4								
17	19	9903	44	44	44	16	20	16	8	51	5	8	6	2			4								
17	22	9904	44	43	42	16	10	24	8	51	5	8	6	2			4			14	28	444	048	45	42
18	01	9902	43	43	43	16	17	24	8	51	5	8	6	3			4								
18	04	9910	43	43	43	16	05	06	9	45	4	8	6	0			4								
18	07	9931	43	43	43	11	05	04	9	45	4	8	6	0			4								
18	10	9940	43	43	43	09	02	01	9	45	4	8	6	0			4								
18	13	9940	43	43	43	15	12	40	8	10	4	5	6	2	7		3								
18	16	9940	43	43	43	16	14	40	8	10	2	7	6	2	3		3								
18	19	9950	43	43	43	00	00	40	8	10	2	4	6	2	5		3								
18	22	9955	43	43	43	16	15	01	9	45	4	8	6	0			3			14	22	420	034	44	42

Results of Surface Observations, Macquarie Island, March, 1954

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	01	9961	42	42	42	16	17	40	8	10	4	8	6	2			3								
19	04	9967	42	42	42	16	24	40	8	10	4	8	6	2			3								
19	07	9987	42	42	42	16	20	16	8	52	5	8	6	2			3								
19	10	9997	42	42	42	16	16	16	8	50	5	8	6	1			3								
19	13	0005	43	43	43	15	16	40	8	02	5	8	6	2			3								
19	16	0011	43	42	42	14	16	64	8	02	2	8	6	2			3								
19	19	0022	42	42	42	11	12	64	8	02	2	8	6	2			3								
19	22	0021	42	42	42	13	15	64	8	02	2	8	6	3			3			14	25	394	004	43	41
20	01	0020	43	43	43	14	14	24	8	51	5	8	6	1			3								
20	04	0018	43	43	43	10	07	24	8	50	5	8	6	1			2								
20	07	0017	42	42	42	10	13	04	9	45	4	8	6	0			2								
20	10	0017	43	43	43	11	05	08	8	51	4	8	6	0			2								
20	13	0003	45	44	44	13	10	40	8	40	5	8	6	0			3								
20	16	9991	44	44	44	12	10	40	8	50	5	8	6	0			3								
20	19	9986	43	43	43	12	10	40	7	05	5	4	6	0	3		3								
20	22	9980	44	43	43	13	15	40	8	05	2	8	6	3			3			12	19	354	005	45	41
21	01	9973	43	43	43	13	12	02	9	47	4	8	6	0			3								
21	04	9963	44	44	44	14	12	40	8	51	4	8	6	0			3								
21	07	9967	44	44	44	14	13	64	8	20	5	8	6	0			3								
21	10	9972	44	44	44	14	14	16	8	50	5	8	6	1			3								
21	13	9974	44	44	44	14	20	40	8	05	5	8	6	2			3								
21	16	9982	44	43	42	14	20	40	8	05	2	8	6	3			3								
21	19	0002	43	43	42	16	18	80	8	02	2	8	6	4			3								
21	22	0019	43	43	43	17	14	40	8	50	5	8	6	3			3			15	25	317	003	44	41
22	01	0026	43	42	42	16	17	40	8	50	5	8	6	3			3								
22	04	0033	43	42	41	18	04	80	8	05	2	8	5	4			3								
22	07	0049	42	41	40	00	00	80	8	05	2	8	5	4			4								
22	10	0056	43	42	41	00	00	81	8	02	2	8	6	4			6								
22	13	0049	43	42	40	00	00	80	8	05	2	8	5	4			6								
22	16	0040	43	42	41	00	00	80	8	05	2	8	6	4			6								
22	19	0037	42	42	42	36	04	40	8	50	5	8	6	4			8								
22	22	0024	43	43	43	36	07	40	8	50	5	8	6	3			8			15	20	337	000	44	41
23	01	0005	43	43	43	36	05	40	8	50	5	8	6	3			8								
23	04	9977	43	43	43	07	02	80	8	05	5	8	6	4			1								
23	07	9952	44	44	44	08	08	80	8	05	2	8	6	3			1								
23	10	9938	45	44	44	09	02	64	8	05	2	5	5	4			1								
23	13	9904	46	46	46	10	05	40	8	50	5	8	6	0			2								
23	16	9883	45	45	45	12	10	03	9	43	4	8	6	0			2								
23	19	9875	44	44	44	11	10	08	8	51	4	8	6	1			2								
23	22	9870	44	44	44	12	10	06	8	51	5	8	6	0			2			07	17	144	003	46	42
24	01	9870	44	44	44	11	07	16	8	51	5	8	6	2			2								
24	04	9876	44	44	44	16	08	08	8	51	5	8	6	0			3								
24	07	9899	44	44	44	00	00	16	9	45	4	8	6	0			0								
24	10	9902	45	45	45	29	12	40	8	11	4	5	6	2	3		6								
24	13	9903	45	45	45	28	10	40	7	10	4	4	6	2	3		6								
24	16	9897	44	43	42	31	08	80	7	01	2	3	5	4	3	4	6								
24	19	9877	44	43	42	36	15	80	8	03	2	4	5	4	3		7								
24	22	9830	45	45	45	36	30	16	8	62	6	8	7	2			8			36	40	210	009	47	43
25	01	9827	44	43	42	28	25	80	7	02	6	7	8	5			6								
25	04	9832	44	43	42	31	25	80	6	05	2	6	5	4			6								
25	07	9837	44	43	42	31	20	80	3	05	1	2	5	4	3	0	7								
25	10	9836	45	45	44	32	21	81	1	01	1	1	6	4	0	0	7								
25	13	9820	46	45	43	32	22	81	7	02	1	2	6	4	3	2	7	7	7						
25	16	9800	45	44	44	32	22	81	7	02	8	3	5	5	3		7								
25	19	9803	45	43	41	32	22	81	3	02	1	1	5	5	3		7								
25	22	9800	44	43	42	32	24	81	1	01	1	0	0	9	0	8				32	37	449	014	46	43
26	01	9782	44	43	42	32	25	81	7	25	8	7	8	5			7								
26	04	9782	44	43	43	32	22	80	8	80	8	8	8	5			7								
26	07	9780	43	43	42	31	17	81	8	02	8	1	5	5	7		7	7							
26	10	9783	44	43	42	31	12	80	8	05	2	5	5	5	1		7	7							
26	13	9800	45	45	43	31	13	64	7	05	8	3	5	5	3		7	7							
26	16	9828	44	44	43	25	20	64	7	88	8	7	8	4			6								
26	19	9877	42	41	40	27	15	64	8	80	8	8	8	5	4		6								
26	22	9911	39	38	37	24	12	80	6	80	8	6	8	4	0	0	6			32	43	553	003	47	39
27	01	9924	39	36	31	27	22	80	7	25	8	7	8	5			6								
27	04	9924	41	39	36	30	20	80	7	05	8	7	5	5			6								
27	07	9890	43	43	43	32	22	40	8	50	8	5	6	3			7								
27	10	9850	43	43	43	34	30	16	8	62	6	8	7	3			7								
27	13	9814	46	46	46	32	30	16	8	62	6	8	7	2			7								
27	16	9833	46	46	45	31	25	80	6	05	6	4	7	4	3	0	7	7							
27	19	9847	45	45	45	32	22	80	4	05	1	4	5	4	0	0	7								
27	22	9840	45	45	45	32	22	80	6	05	2	6	8	4	0	0	7			33	47	451	015	46	39

Results of Surface Observations, Macquarie Island, March, 1954

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND													DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD AMOUNT	LOW CLOUD TYPE	LOW CLOUD BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	01	9820	45	45	45	33	25	40	8	05	2	8	6	4			7								
28	04	9789	45	45	45	34	28	40	8	05	2	8	6	4			7								
28	07	9770	45	45	45	32	22	80	8	25	8	4	6	4	0	8	7								
28	10	9748	45	44	43	33	24	81	5	01	1	3	6	4	0	8	7		7						
28	13	9710	45	44	43	34	28	40	8	62	6	6	7	4	2		7	7							
28	16	9686	43	43	43	29	28	80	7	25	8	7	8	4			7								
28	19	9747	40	39	38	27	42	40	8	81	8	8	8	4			6								
28	22	9827	35	35	35	27	46	24	7	77	8	7	8	4			6			27	64	605	018	46	34
29	01	9883	37	36	33	27	40	16	8	68	8	8	7	4			6								
29	04	9928	37	36	33	27	42	16	8	80	8	8	8	4			6								
29	07	9985	38	36	32	27	35	24	8	25	8	8	6	4			6								
29	10	0014	38	35	30	27	30	40	8	15	8	8	8	4			6								
29	13	0050	39	36	30	25	23	64	8	05	2	8	8	5			6								
29	16	0079	38	36	32	27	17	80	8	05	2	8	5	5			5								
29	19	0104	39	36	31	27	15	80	8	05	2	8	5	6			6								
29	22	0105	41	39	37	29	15	80	4	05	2	4	5	6	C	0	6			31	69	870	012	43	33
30	01	0088	43	42	41	32	22	40	8	51	5	5	6	4			7								
30	04	0062	44	44	44	32	28	32	8	58	5	8	6	3			7								
30	07	0075	45	45	45	29	25	04	9	45	4	8	6	0			7								
30	10	0080	45	45	45	29	24	40	8	10	4	8	6	3			6								
30	13	0075	45	45	45	30	25	16	8	10	2	8	6	2			6								
30	16	0071	46	46	46	31	30	16	8	58	6	8	7	2			7								
30	19	0068	46	45	44	31	30	40	8	10	2	8	6	4			7								
30	22	0056	45	45	45	31	30	16	8	50	5	8	6	3			7			28	42	519	004	46	41
31	01	0025	45	45	45	32	35	16	8	50	5	8	6	3			7								
31	04	9999	45	45	45	32	38	16	8	61	5	8	7	2			7								
31	07	9992	46	46	46	32	33	16	8	61	6	8	7	2			7								
31	10	0005	46	46	46	31	23	16	8	51	6	8	6	2			7								
31	13	0018	45	44	43	26	17	80	7	05	2	3	6	4	7		7								
31	16	0025	44	43	42	28	12	80	6	05	2	6	8	4			6								
31	19	0033	43	43	43	29	16	80	2	05	1	2	5	4			6								
31	22	0035	43	43	43	29	20	80	1	25	8	1	2	5	C	0	6			31	46	741	008	46	42

Results of Surface Observations, Macquarie Island, April, 1954

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND							LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER		AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W		Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	01	0031	44	43	42	29	28	80	3	05	8		3	8	5	0	0	6								
01	04	0048	43	42	41	27	26	80	3	05	8		3	8	5	0	0	6								
01	07	0072	41	41	41	27	20	80	1	05	1		1	8	5	0	0	6								
01	10	0088	43	42	42	27	28	80	6	25	8		6	8	5	0	0	6								
01	13	0115	43	39	36	25	25	80	4	05	2		4	8	5	0	0	6								
01	16	0136	42	38	31	27	20	80	5	05	2		5	8	6	0	0	5								
01	19	0162	41	38	33	26	17	80	5	25	2		5	8	5	0	0	5								
01	22	0180	41	38	33	25	15	80	2	25	2		2	8	5	0	0	6			26	41	538	006	44	40
02	01	0187	41	39	36	28	08	80	3	25	2		3	2	5	0	0	6								
02	04	0182	42	40	36	31	10	80	2	25	2		2	2	5	0	0	6								
02	07	0177	43	41	38	33	20	80	7	05	2		7	6	5			7								
02	10	0169	44	42	39	34	25	80	7	05	1		4	5	5	3		7	6							
02	13	0135	45	43	40	34	20	80	7	05	2		1	5	5	3	1	7	7	6						
02	16	0113	45	43	42	34	25	64	8	05	2		6	6	4	3		7	7							
02	19	0097	45	44	43	34	25	64	8	60	6		6	6	4	3		7	7							
02	22	0071	46	45	44	34	28	40	8	60	6		6	6	4	3		7			33	38	440	000	46	41
03	01	0053	45	45	45	34	28	16	8	58	6		8	7	2			7								
03	04	0031	45	45	45	34	25	08	8	51	5		8	6	1			7								
03	07	0031	45	45	45	32	14	00	9	45	4		8	6	0			7								
03	10	0029	45	45	45	31	14	16	8	10	4		8	6	0			7								
03	13	0032	43	43	42	29	18	64	7	05	4		7	6	4			7								
03	16	0033	43	41	39	29	14	80	8	05	2		7	5	5			7								
03	19	0031	43	42	42	34	10	80	8	05	2		8	5	4			7								
03	22	0013	44	44	44	34	20	40	8	50	2		8	6	4			7			33	36	583	006	46	42
04	01	9979	45	45	45	33	20	16	8	51	5		8	6	2			7								
04	04	9963	41	41	40	27	15	24	8	61	6		8	6	3			7								
04	07	9956	42	41	40	29	19	64	6	05	6		2	6	4	3		7								
04	10	9953	43	41	39	29	22	80	4	25	2		4	2	4	0	0	6								
04	10	9900	44	44	44	31	16	01	9	45	4		8	6	0			7								
04	13	9925	43	41	38	31	22	80	5	25	8		3	9	4	0	5	7		6						
04	16	9912	41	39	36	29	30	80	6	16	8		2	6	4	3	2	7	7	6						
04	19	9911	41	39	36	29	22	80	2	25	8		2	2	4	0	0	7								
04	22	9907	37	36	35	25	12	80	7	87	7		7	9	4			5			28	38	464	036	45	37
05	01	9908	39	37	33	25	17	80	3	25	8		3	2	5	0	0	6								
05	04	9916	39	37	33	25	20	80	1	25	8		1	2	4	0	0	6								
05	07	9641	38	37	35	27	30	64	8	83	7		8	9	3			6								
05	10	9952	39	37	34	26	30	81	6	84	8		6	9	5	0	0	6								
05	13	9954	40	37	32	26	30	81	5	26	8		6	5	6	0	0	6								
05	16	9948	40	39	37	28	22	80	8	05	8		3	5	5	1	7	6	6	6						
05	19	9922	40	40	40	30	24	16	8	61	6		8	7	4			6								
05	22	9881	43	43	43	32	35	16	8	61	6		8	7	2			7			26	46	527	006	44	39
06	01	9864	44	44	44	30	33	16	8	61	6		8	7	2			7								
06	04	9857	44	44	44	30	28	16	8	61	6		8	7	2			7								
06	07	9854	44	44	44	29	30	40	8	51	6		8	6	3			7								
06	10	9851	45	44	43	29	30	80	7	05	2		6	6	4		1	6								
06	13	9851	44	44	43	30	25	80	7	05	8		1	6	4	3		6	6							
06	16	9847	43	42	39	29	25	80	8	05	2		4	5	4	3	8	6	6	6						
06	19	9847	43	42	40	30	28	80	8	05	8		8	5	4			6								
06	22	9842	43	42	41	30	29	64	8	60	2		8	5	4			6			28	45	714	022	45	40
07	01	9847	42	41	40	29	30	80	3	05	8		3	5	4	0	0	6								
07	04	9871	41	40	39	29	28	80	3	05	8		3	5	4	0	0	6								
07	07	9899	42	41	39	29	23	80	5	05	2		5	5	4	0	0	6								
07	10	9909	42	41	40	29	24	80	6	80	8		4	2	4	0	0									
07	13	9915	43	42	40	29	22	80	8	05	8		6	6	4	0	0	7								
07	16	9913	42	41	40	31	17	80	8	25	8		4	2	4	0	7									
07	19	9900	42	41	40	32	15	64	8	20	8		8	5	4											
07	22	9868	41	41	40	36	10	64	8	60	6		8	6	4						27	45	654	006	44	39
08	01	9851	40	40	40	08	07	64	8	61	6		3	7	4	2		8								
08	04	9826	40	40	40	15	12	64	8	61	6		2	7	4	2		3								
08	07	9856	40	40	40	27	10	80	6	21	6		4	6	4	3	0	6	6							
08	10	9861	42	41	39	29	18	80	8	80	8		5	2	5	3		6	6							
08	13	9830	43	41	40	33	22	80	8	16	8		5	2	5	3		7	7							
08	16	9766	41	41	41	35	25	40	8	63	6		8	7	4			7								
08	19	9723	43	42	41	29	39	80	1	05	6		1	6	4	0	0	6								
08	22	9738	43	42	41	30	30	80	4	05	8		4	2	5	0	0	6			28	54	353	023	44	39
09	01	9736	42	41	40	30	30	80	4	25	8		4	2	5	0	0	6								
09	04	9731	41	40	39	29	30	80	4	25	8		4	2	5	0	0	6								
09	07	9731	41	40	39	29	35	80	7	25	8		7	2	5			6								
09	10	9744	40	40	40	27	39	64	8	81	8		8	8	5			6								
09	13	9831	42	41	40	27	32	80	5	05	8		5	8	5			6								
09	16	9866	39	39	39	25	23	64	7	80	8		7	8	5			6								
09	19	9908	40	39	37	26	22	80	4	05	8		4	8	5			6								
09	22	9832	40	40	39	27	14	80	5	05	1		5	5	5			6			27	58	730	033	43	38

Results of Surface Observations, Macquarie Island, April, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	01	9930	41	41	41	31	16	80	7	25	1	7	5	5			6								
10	04	9878	43	43	43	34	25	64	8	05	2	6	6	4			7								
10	07	9836	43	43	43	31	35	40	8	61	6	5	5	5			7								
10	10	9831	45	45	45	31	28	64	8	50	6	6	6	4			7								
10	13	9815	44	43	42	30	30	80	4	25	8	8	4	5	4	4	5	0	0						
10	16	9809	41	41	41	29	28	64	6	16	8	8	2	9	4	4	6	6							
10	19	9822	41	40	39	27	25	40	7	88	8	8	4	9	4		6								
10	22	9849	40	40	40	26	28	80	3	15	8	3	9	4	0	0	6			29	53	618	015	45	38
11	01	9889	40	40	40	27	30	80	2	25	8	2	9	4	0	0	6								
11	04	9927	40	40	39	27	30	80	7	81	8	5	9	4			6								
11	07	9982	39	38	37	25	20	64	8	25	8	5	5	5			5								
11	10	0004	39	37	34	26	25	80	8	05	2	8	5	5			5								
11	13	0004	40	36	33	26	20	81	8	02	2	8	5	7			5								
11	16	9982	40	36	29	29	12	80	8	05	2	5	5	5	7		6								
11	19	9925	38	37	36	35	20	40	8	61	6	8	7	4			7								
11	22	9827	38	38	38	01	10	16	8	61	6	8	7	2			8			27	56	675	023	44	36
12	01	9767	43	43	43	28	20	40	8	05	6	8	6	2			6								
12	04	9802	38	37	35	16	50	40	8	25	2	8	8	4			4								
12	07	9940	39	37	33	16	40	80	8	18	8	8	2	5			4								
12	10	0005	40	37	32	16	40	80	7	05	8	7	8	5			4								
12	13	0075	40	37	31	19	27	80	8	05	8	8	8	5			4								
12	16	0019	39	36	31	18	18	80	3	05	1	3	5	5		0	4								
12	19	0163	38	35	30	18	07	81	1	02	1	1	5	5		0	4								
12	22	0167	38	35	29	00	00	81	1	02	1	1	5	5		0				15	66	615	047	44	36
13	01	0168	39	37	34	29	13	81	2	02	1	2	5	5	0	0									
13	04	0180	40	38	36	31	22	81	2	02	1	2	5	5	0	0	7								
13	07	0146	42	40	38	32	27	81	7	02	1	7	5	5			7								
13	10	0127	42	41	39	31	33	64	8	05	2	8	5	5			7								
13	13	0097	44	43	42	32	35	80	7	05	2	7	5	5			7								
13	16	0067	43	43	42	32	30	64	7	05	2	7	6	4			7								
13	19	0035	44	43	42	32	35	64	7	05	2	7	6	4			7								
13	22	0016	44	43	42	32	32	64	8	05	2	8	6	4			7			32	45	453	000	44	38
14	01	9974	44	43	42	32	35	64	7	05	2	8	6	4			7								
14	04	9930	44	44	44	32	30	40	8	63	6	8	7	4			7								
14	07	9911	45	45	45	32	25	04	8	55	6	8	7	0			7								
14	10	9900	44	44	44	31	16	01	9	45	4	8	6	0			7								
14	13	9876	44	44	44	32	22	40	8	05	4	8	6	2			7								
14	16	9865	44	43	42	30	25	80	6	02	2	6	5	4			7								
14	19	9880	41	40	38	28	22	80	8	05	2	8	5	5			6								
14	22	9886	42	41	40	29	20	80	8	05	2	8	5	5			6			32	46	812	046	45	41
15	01	9874	43	42	41	32	22	80	7	05	1	4	5	5	3		7								
15	04	9871	42	42	41	30	15	80	6	05	6	4	5	5	3		7								
15	07	9874	42	41	40	30	20	80	5	05	1	2	5	5	3	0	6								
15	10	9868	44	43	42	31	20	80	7	05	1	4	5	5	3		7								
15	13	9849	43	43	42	31	16	80	7	05	2	3	5	5	3		7								
15	16	9836	42	41	41	31	10	80	8	25	8	8	5	5			7								
15	19	9811	42	42	42	01	06	80	8	02	8	8	5	5			7								
15	22	9779	42	41	40	35	01	80	8	02	2	8	5	5			7			30	40	515	005	44	40
16	01	9735	42	42	42	35	08	80	8	25	8	5	6	3			7								
16	04	9715	42	42	42	10	06	40	8	63	6	8	6	4											
16	07	9738	36	36	36	18	32	16	8	69	6	8	7	4			4								
16	10	9776	35	35	35	21	30	16	8	84	8	8	7	4			4								
16	13	9814	38	35	28	18	15	80	6	25	8	6	2	5			4								
16	16	9840	37	33	25	20	08	80	5	02	1	5	2	5	0	0	4								
16	19	9870	36	31	21	20	20	80	4	05	8	4	5	5	0	0	5								
16	22	9867	37	35	32	27	23	80	3	22	7	5	8	5	0	0	6			26	53	290	067	42	34
17	01	9870	36	34	31	29	20	80	4	16	8	4	4	5	0	0	6								
17	04	9860	39	37	33	31	22	80	6	25	8	6	8	5	0	0	6								
17	07	9856	39	39	38	28	20	80	6	80	8	6	6	5	0	0	6								
17	10	9850	41	38	33	29	22	81	5	01	8	4	2	5	0	1	6		9						
17	13	9830	41	39	36	27	25	64	6	87	8	4	3	4	0	0	6								
17	16	9818	41	39	36	29	25	64	8	15	8	5	6	5	3	7	6								
17	19	9798	41	40	39	29	25	40	8	81	8	6	2	4	3		6								
17	22	9776	41	40	39	29	28	40	8	80	8	8	8	4			6			26	46	501	006	42	36
18	01	9790	39	37	35	26	35	80	6	15	8	6	2	5	0	0	6								
18	04	9825	41	38	33	26	35	80	5	15	8	5	2	5	0	0	6								
18	07	9868	40	38	34	26	35	80	7	80	8	7	2	5			6								
18	10	9890	36	36	36	25	30	40	7	88	8	4	2	5	3	8	6								
18	13	9913	42	39	33	27	32	80	7	05	8	6	5	5	0	8	6								
18	16	9948	41	37	32	26	33	80	4	05	1	4	8	5			6								
18	19	9980	41	39	37	26	24	80	4	05	1	4	8	5			6								
18	22	9988	40	40	40	29	22	80	6	25	8	4	6	5			6			25	70	703	022	42	35

Results of Surface Observations, Macquarie Island, April, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	01	9993	41	40	39	29	23	80	5	05	1	4	6	5			6								
19	04	9993	40	40	40	28	21	40	7	80	8	7	4	4			6								
19	07	9988	42	41	40	29	24	80	8	05	8	4	4	5	7		6								
19	10	9990	43	42	41	29	25	80	7	20	5	4	4	5	0	2	6		6						
19	13	9993	43	42	41	29	25	80	7	05	8	6	5	4	3	1	6		6						
19	16	0003	42	40	38	27	20	80	7	25	8	6	8	4	3		6	6							
19	19	0023	41	39	37	27	17	80	7	25	8	6	8	4	0	0	6								
19	22	0032	39	38	37	27	22	64	8	80	8	8	8	4			6			28	43	660	008	44	37
20	01	0034	39	37	35	27	12	64	8	81	8	8	2	4			6								
20	04	0026	42	42	42	29	22	64	8	80	8	4	7	4	0	7	6								
20	07	0015	42	42	42	32	20	64	8	61	6	8	7	3			7								
20	10	9996	43	43	43	34	18	16	8	62	6	8	7	2			7								
20	13	9958	44	44	44	32	25	16	8	62	6	8	7	2			7								
20	16	9945	44	44	44	31	20	16	8	51	6	8	6	2			7								
20	19	9951	44	44	44	29	24	16	8	51	5	8	6	2			7			31	32	564	020	44	39
20	22	9964	43	43	43	29	22	16	8	51	5	8	6	2			7								
21	01	9976	43	43	42	29	20	16	8	50	5	8	6	2			7								
21	04	9977	42	42	42	29	20	16	8	50	5	8	6	2			7								
21	07	9971	44	44	44	32	20	16	8	50	5	8	6	2			7								
21	10	9960	44	44	44	31	23	01	9	45	4	8	6	0			7								
21	13	9931	45	45	44	32	26	64	8	05	5	8	6	3	3		7								
21	16	9896	45	45	45	33	35	40	8	60	6	8	6	3			7								
21	19	9908	41	40	39	27	30	40	8	61	6	8	6	4			6								
21	22	9945	40	38	34	25	25	64	8	05	6	8	6	4			6			25	45	569	016	45	38
22	01	9964	39	38	37	26	25	16	7	88	8	7	2	5			6								
22	04	9983	40	38	35	27	25	80	3	05	8	3	5	5	0	0	6								
22	07	0003	38	37	36	25	28	80	4	25	8	4	8	5	0	0	6								
22	10	9996	44	41	40	29	25	80	8	05	8	4	5	5	0	7	6		6						
22	13	9958	42	42	42	32	25	32	8	63	6	6	7	4	2		7								
22	16	9887	43	43	43	32	37	08	8	63	6	6	8	3			7								
22	19	9860	43	43	42	29	35	40	4	60	6	4	6	3	0	0	7								
22	22	9891	38	37	36	25	17	40	6	80	8	6	2	4	0	0	6			31	54	792	015	44	36
23	01	9917	35	34	33	27	20	80	6	15	8	6	2	4	0	0	6								
23	04	9957	34	33	32	27	20	80	7	90	8	7	9	4			6								
23	07	0011	36	36	36	22	20	80	6	83	8	5	4	4	0	0	6								
23	10	0066	38	37	34	23	15	81	5	15	8	5	2	5	0	0	5								
23	13	0101	38	37	35	26	20	80	7	15	8	7	8	5			5								
23	16	0129	38	36	33	26	20	80	7	01	8	5	5	5	0	1	5								
23	19	0145	38	36	33	25	15	81	5	01	2	5	5	5	0	0	5								
23	22	0151	39	37	34	26	18	81	4	01	2	4	5	5	0	0	5			26	49	617	027	40	35
24	01	0137	40	38	35	29	25	81	8	03	2	4	5	5	3		6	6							
24	04	0102	40	39	38	31	28	81	8	03	2	8	5	4			7								
24	07	0064	42	41	40	32	34	80	8	05	2	8	5	4			7								
24	10	0020	43	43	42	32	35	80	8	05	2	8	5	4			7								
24	13	9939	43	43	43	32	42	08	8	63	6	8	6	3			7								
24	16	9893	45	45	45	32	42	16	8	61	6	8	6	3			7								
24	19	9891	45	45	45	32	29	40	8	21	6	8	6	3			7								
24	22	9886	45	45	45	31	24	40	8	21	6	8	6	3			7			32	56	549	001	46	38
25	01	9886	45	45	45	31	21	24	8	05	2	8	6	1			7								
25	04	9886	44	44	44	30	15	40	8	05	2	8	6	3			7								
25	07	9909	43	43	42	20	04	64	8	05	2	8	6	3											
25	10	9926	40	39	38	16	20	64	7	05	2	7	6	3			4								
25	13	9962	39	37	35	17	12	80	7	05	2	7	5	4			4								
25	16	9997	39	35	28	14	10	80	7	05	2	7	5	5			4								
25	19	0017	38	35	27	14	07	80	5	05	2	5	5	5	0	0	3								
25	22	0029	38	35	28	11	07	80	5	05	2	6	5	5	0	0	3			29	29	695	020	45	38
26	01	0038	38	34	27	09	03	80	7	05	2	7	5	5			3								
26	04	0048	37	34	27	04	02	80	8	05	2	7	5	5			2								
26	07	0070	38	34	28	05	10	80	8	05	2	8	5	5			2								
26	10	0081	37	34	27	09	02	81	8	02	2	8	5	5			3								
26	13	0088	39	35	27	20	02	81	8	02	2	8	5	5			4								
26	16	0101	38	35	30	25	08	81	8	02	2	8	5	5			5								
26	19	0115	38	36	33	27	15	80	8	50	2	8	5	5			6								
26	22	0116	39	37	33	28	20	80	8	02	5	8	5	5			6			28	36	255	000	40	36
27	01	0118	40	39	37	29	28	80	8	05	2	8	5	4			6								
27	04	0116	41	40	39	29	28	40	8	50	5	8	5	4			6								
27	07	0119	42	41	40	30	25	40	8	50	5	8	5	4			6								
27	10	0119	43	42	41	30	25	80	8	05	2	8	6	4			7								
27	13	0112	44	43	42	31	20	80	8	05	2	8	6	4			7								
27	16	0096	43	43	42	30	31	80	8	05	2	8	6	4			7								
27	19	0081	43	43	42	31	32	80	8	20	5	8	6	4			7								
27	22	0069	44	43	41	31	34	80	8	05	2	8	6	3			7			29	46	466	000	45	39

Results of Surface Observations, Macquarie Island, April, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	01	0060	45	44	43	31	31	80	8	05	2	8	6	4			7								
28	04	0067	44	44	44	31	28	80	8	05	2	8	6	3			7								
28	07	0104	42	42	42	27	06	08	8	51	5	8	6	1			6								
28	10	0120	42	42	42	29	10	16	8	50	5	8	6	4			6								
28	13	0133	42	42	42	30	07	08	8	53	5	8	7	3			6								
28	16	0148	42	42	42	32	05	01	8	53	5	8	7	0			7								
28	19	0156	43	43	43	30	20	01	8	53	5	8	7	0			7								
28	22	0166	44	44	44	30	20	03	8	51	5	8	7	0			7			29	44	754	001	45	41
29	01	0167	44	44	44	32	17	03	8	53	5	8	7	3			7								
29	04	0165	44	44	44	32	20	01	8	53	5	8	7	0			7								
29	07	0172	44	44	44	32	20	02	9	45	4	8	6	0			7								
29	10	0175	44	44	44	32	26	02	9	45	4	8	6	0			7								
29	13	0171	44	44	43	32	28	16	8	50	5	6	6	3	3		7								
29	16	0175	44	43	42	32	20	80	6	01	2	3	5	4	3	0	7	7							
29	19	0180	44	44	44	32	20	40	7	50	5	5	6	3	3		7	7							
29	22	0179	44	43	43	32	20	40	8	50	5	6	6	4	3		7	7		31	37	472	008	45	43
30	01	0171	44	44	44	33	24	40	8	50	5	8	6	2			7								
30	04	0170	43	43	43	33	20	40	8	50	5	8	6	3			7								
30	07	0174	43	43	43	33	20	40	8	05	5	6	6	3	3		7								
30	10	0174	43	43	43	33	16	81	7	02	2	2	5	4	3	8	7								
30	13	0171	44	44	43	32	05	81	7	02	2	1	6	3	3		7	7							
30	16	0172	43	43	43	00	00	64	8	05	2	8	6	1											
30	19	0176	44	44	44	00	00	40	8	05	2	8	6	2											
30	22	0176	44	44	44	00	00	40	8	05	2	8	6	1						31	34	597	002	44	43

Results of Surface Observations, Macquarie Island, May, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
01	01	0176	44	44	44	00	00	00	9	45	4	8	6	6	0										
01	04	0166	43	43	43	00	00	24	8	28	4	8	6	6	1										
01	07	0155	44	44	44	11	06	00	9	45	4	8	6	6	0										
01	10	0154	43	43	43	14	05	00	9	45	4	8	6	6	0										
01	13	0141	45	45	45	16	05	16	8	60	4	8	6	6	0										
01	16	0129	45	44	43	07	05	40	8	05	6	2	6	6	3	7									
01	19	0121	45	45	44	04	02	40	8	05	2	2	5	5	5	7				36	13	113	001	46	42
01	22	0105	45	45	45	32	05	40	8	05	2	2	5	5	5	7									
02	01	0086	45	45	45	36	07	16	8	51	5	8	6	6	3										
02	04	0055	45	45	45	36	05	16	8	58	5	8	6	6	3										
02	07	0041	47	47	47	36	12	04	9	45	5	8	6	6	0										
02	10	0028	45	45	45	36	05	01	8	44	4	8	6	6	0										
02	13	9996	45	45	45	00	00	08	8	58	6	8	6	6	0										
02	16	9977	45	45	45	36	08	08	8	58	6	8	6	6	0										
02	19	9970	44	44	44	32	04	00	9	45	5	8	6	6	0					36	28	181	013	47	42
02	22	9966	43	43	43	30	10	01	8	51	5	8	6	6	0										
03	01	9979	43	43	43	26	16	16	8	51	5	8	6	6	2										
03	04	0002	43	43	43	26	20	40	7	10	5	7	6	6	4										
03	07	0021	43	43	43	28	20	16	8	50	5	8	6	6	2										
03	10	0036	42	42	42	27	16	24	8	05	5	8	6	6	1										
03	13	0044	41	41	41	28	18	32	8	50	5	8	6	6	2										
03	16	0044	40	40	40	27	23	16	8	55	5	8	6	6	3										
03	19	0061	40	40	40	27	09	24	8	50	5	8	6	6	3					27	32	268	022	44	38
03	22	0066	40	40	40	28	11	32	7	20	5	7	6	6	3										
04	01	0067	40	40	40	29	10	24	8	10	2	8	6	6	2										
04	04	0062	43	43	43	31	06	08	8	10	2	8	6	6	0										
04	07	0053	43	43	43	32	14	08	8	10	2	8	6	6	0										
04	10	0051	43	43	43	32	10	00	9	47	4	8	6	6	0										
04	13	0043	43	43	43	32	07	24	9	05	4	8	6	6	0										
04	16	0037	43	43	43	30	12	00	9	47	4	8	6	6	0			7							
04	19	0043	43	43	43	28	10	04	8	51	4	8	6	7	0			7							
04	22	0057	40	40	40	15	12	24	8	61	6	8	6	7	4			7		16	20	373	005	43	39
05	01	0072	39	37	34	18	02	40	8	05	6	8	5	5	5			3							
05	04	0087	37	36	33	16	02	40	8	05	6	8	5	5	5			3							
05	07	0106	37	35	29	20	02	80	8	05	2	8	5	5	4	0	7	4							
05	10	0112	38	36	34	27	04	80	7	05	2	7	6	6	4			5							
05	13	0118	38	36	34	29	06	80	7	05	2	7	6	6	4			6							
05	16	0118	38	36	33	29	08	80	7	05	2	7	6	6	4			6							
05	19	0124	38	37	36	31	11	80	6	05	2	6	6	6	4			7		31	21	278	009	39	36
05	22	0124	38	37	36	32	15	80	6	05	2	6	6	6	4			7							
06	01	0123	38	37	36	32	19	80	8	05	2	8	6	6	4			7							
06	04	0113	38	37	35	32	17	80	8	05	2	8	6	6	4			7							
06	07	0108	40	39	38	34	18	80	8	05	2	8	6	6	3			7							
06	10	0103	41	40	38	34	15	80	8	05	2	8	6	5	4			7							
06	13	0077	42	42	42	34	18	80	8	05	2	8	6	6	3			7							
06	16	0061	44	43	42	34	20	64	8	05	5	8	6	6	4			7							
06	19	0048	44	44	43	34	17	64	6	05	5	6	6	6	4	0	0	7		33	33	365	000	45	37
06	22	0032	44	44	44	34	22	64	8	50	5	8	6	6	4			7							
07	01	0018	45	44	43	34	20	64	8	50	5	8	6	6	4			7							
07	04	0023	39	38	37	27	04	40	8	25	5	8	8	6	5			7							
07	07	0028	42	41	40	32	12	64	8	25	8	8	5	4	4	3		7							
07	10	0027	42	42	44	32	14	80	7	05	2	5	6	6	4	3	8	7							
07	13	0010	43	43	42	33	16	80	2	01	1	2	6	6	4	3	0	7							
07	16	9991	43	42	41	33	20	80	3	05	1	2	6	6	4	3	0	7							
07	19	9963	44	43	42	33	27	80	2	05	1	2	6	6	4	3	0	7		33	45	480	027	44	38
07	22	9940	44	44	43	33	33	40	8	63	6	5	6	6	4	7		7							
08	01	9913	44	44	44	32	33	40	8	62	6	8	6	6	3			7							
08	04	9920	43	43	43	31	17	40	8	05	6	8	6	6	2			7							
08	07	9920	43	43	43	32	14	16	8	61	6	8	6	7	1			7							
08	10	9910	43	43	43	33	12	08	8	61	6	8	6	7	1			7							
08	13	9878	44	44	44	32	25	08	8	58	6	8	6	7	1			7							
08	16	9875	44	44	44	32	22	01	9	45	6	8	6	6	0			7							
08	19	9876	44	44	44	32	20	01	8	51	5	8	6	6	1			7		32	42	597	020	44	41
08	22	9900	42	41	39	27	20	40	8	21	5	8	6	6	4			6							
09	01	9911	41	40	39	27	22	40	6	05	6	6	5	6	5	0	0	6							
09	04	9926	41	39	36	29	26	64	2	05	2	2	6	6	4	0	0	6							
09	07	9943	42	40	37	28	30	80	6	80	8	2	2	6	4	0	0	6							
09	10	9953	40	39	38	29	32	80	4	25	8	3	8	6	5	0	0	6							
09	13	9958	42	40	37	29	27	80	8	05	8	4	8	6	5	1	8	6							
09	16	9949	42	40	37	30	27	80	8	25	8	2	8	6	5			6							
09	19	9940	43	43	43	31	26	24	8	51	8	8	5	6	5			6		30	47	633	017	43	39
09	22	9955	41	38	35	27	22	80	8	02	8	8	5	6	5			6							

Results of Surface Observations, Macquarie Island, May, 1954

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND												DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
												AMOUNT	TYPE	BASE											
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	01	9979	40	36	30	26	26	80	5	02	1	5	5	5	0	0	6								
10	04	0000	40	38	35	28	16	80	2	02	1	2	5	5	0	0	6								
10	07	0017	40	38	35	28	22	80	5	02	1	8	8	5	0	0	6								
10	10	0014	40	39	38	29	28	80	4	25	8	8	8	5	3	7	6								
10	13	9969	42	40	37	31	32	80	8	05	8	4	8	4	0	7	7								
10	16	9885	41	41	37	32	48	16	8	61	8	4	8	4			7								
10	19	9780	44	44	44	32	51	16	8	61	6	8	8	4			7								
10	22	9795	40	40	40	28	40	16	6	88	8	6	2	4	0	0	6			29	82	627	008	44	39
11	01	9782	39	38	37	28	52	40	8	80	8	5	7	4			6								
11	04	9825	38	38	38	28	45	80	2	16	8	2	2	4			6								
11	07	9895	35	35	35	27	46	24	8	84	8	8	3	4			6								
11	10	9933	39	39	38	25	40	40	7	80	8	4	2	4			6								
11	13	9961	40	39	38	26	37	80	5	05	8	5	8	5			6								
11	16	9960	40	38	35	27	22	80	7	05	8	7	8	5			6								
11	19	9910	41	41	41	32	26	08	8	55	5	8	6	2			6								
11	22	9872	43	43	43	29	37	40	8	21	6	8	6	3			7			29	86	1141	048	44	35
12	01	9845	39	39	39	27	46	08	8	81	8	8	8	4			6								
12	04	9852	38	38	38	27	43	16	8	88	8	8	8	4			6								
12	07	9907	40	40	40	27	40	40	7	16	8	7	8	5			6								
12	10	9973	38	38	37	25	28	64	7	25	8	5	2	4			6								
12	13	0016	39	37	34	27	30	64	8	05	8	6	5	4			6								
12	16	0020	38	38	38	27	26	64	8	22	7	3	9	4	0	7	6		7						
12	19	0017	36	36	36	27	20	64	8	22	7	2	7	4	0	7	6		7						
12	22	0016	36	34	30	26	22	64	6	22	7	2	3	4	3	0	6	6		24	71	882	016	40	34
13	01	0019	36	34	30	27	20	80	4	05	7	4	8	4	0	0	6								
13	04	0029	36	33	26	27	25	80	1	22	7	1	9	4	0	0	6								
13	07	0062	36	33	29	26	22	40	8	86	7	8	9	4			6								
13	10	0073	38	34	26	25	22	80	7	02	7	7	8	5			6								
13	13	0073	40	36	29	29	20	80	8	02	2	7	8	5			6								
13	16	0067	39	36	31	30	20	80	8	02	8	4	3	5	3	8	7								
13	19	0025	38	38	38	34	16	16	8	61	6	3	8	4	2		7								
13	22	9986	44	43	42	32	29	40	8	21	6	8	6	3			7			26	51	635	014	44	34
14	01	9957	44	43	43	31	31	16	8	52	5	8	6	3			7								
14	04	9927	44	44	44	31	33	24	8	20	5	8	6	3			7								
14	07	9921	45	44	42	30	33	64	8	05	5	8	6	4			7								
14	10	9934	43	40	35	30	33	64	8	80	2	8	8	4			7								
14	13	9958	42	39	34	29	35	64	8	50	5	8	5	4			6								
14	16	9973	41	38	33	30	31	64	4	20	5	8	5	4	0	0	7								
14	19	9978	41	39	36	30	21	64	8	05	5	8	5	4			7								
14	22	9971	37	37	36	27	10	40	8	60	6	8	7	4			6			30	54	681	014	45	37
15	01	9955	37	35	33	18	01	64	8	60	6	8	6	4			4								
15	04	9968	36	35	33	00	00	80	5	21	6	6	6	4	0	0	4								
15	07	9984	38	36	33	27	04	80	4	05	6	5	5	4	0	0	6								
15	10	9986	39	37	35	32	12	80	7	02	6	4	5	4			7								
15	13	9981	41	41	40	32	28	16	8	54	1	7	6	3			7								
15	16	0008	40	37	32	27	25	80	8	01	2	8	5	4	0	0	6								
15	19	0045	38	36	33	27	15	80	8	02	8	3	5	4	0	0	5								
15	22	0062	38	36	33	27	07	80	1	01	8	2	5	4	0	0	6			30	38	433	018	42	34
16	01	0064	40	37	32	32	10	80	3	02	1	3	5	4			7								
16	04	0061	40	38	35	34	08	80	8	02	2	8	5	4	0	0	7								
16	07	0041	41	40	38	06	07	40	8	62	2	8	5	4			7								
16	10	0019	42	42	42	10	05	24	8	63	6	8	7	4			7								
16	13	9961	45	44	43	36	18	03	9	45	6	8	6	4			7								
16	16	9951	44	44	44	32	12	01	9	47	4	8	6	4			7								
16	19	9949	43	43	43	32	10	02	8	61	4	8	6	4			7								
16	22	9951	41	41	41	30	10	03	8	60	4	8	6	4			7			36	35	385	025	46	38
17	01	9957	41	41	41	32	17	40	8	05	4	8	6	4			7								
17	04	9961	42	42	42	32	17	01	8	51	5	8	6	4			7								
17	07	9971	43	43	43	33	17	02	9	45	4	8	6	4			7								
17	10	9981	43	43	43	32	16	04	8	41	6	8	6	4			7								
17	13	9976	43	43	42	31	16	16	8	61	6	8	7	4			7								
17	16	9990	42	42	41	31	16	40	6	05	0	4	6	4	0	4	7		7						
17	19	0000	42	42	41	32	18	80	5	05	2	2	3	4	0	7	7		7						
17	22	0001	43	42	41	32	20	80	8	05	2	3	6	4	0	7	7		7	31	30	418	009	43	41
18	01	9994	43	43	43	33	22	40	8	10	2	8	6	3			7								
18	04	9970	42	42	42	35	22	16	8	10	2	8	6	2			8								
18	07	9945	43	43	43	35	25	16	8	50	2	8	6	1			8								
18	10	9911	45	45	44	35	25	40	8	02	2	8	6	3			7								
18	13	9896	44	43	42	32	27	40	8	61	6	8	6	4	2		7								
18	16	9917	42	40	37	29	22	80	8	02	2	8	6	4	2		7								
18	19	9933	42	39	34	30	11	80	8	02	2	8	5	4			7								
18	22	9936	40	39	37	00	00	80	8	02	2	8	5	5			7			34	49	506	006	46	39

Results of Surface Observations, Macquarie Island, May, 1954

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	01	9926	39	37	34	00	00	64	8	62	2	8	5	4											
19	04	9902	39	38	37	13	10	40	8	63	6	2	5	4	2										
19	07	9881	37	37	37	13	16	40	8	63	6	8	6	3			3								
19	10	9854	35	35	35	16	22	32	8	69	6	2	7	4	2		4	4							
19	13	9829	39	39	39	16	07	64	7	60	6	2	6	5	2		8	8							
19	16	9835	40	39	38	29	10	64	8	50	2	2	6	3			7								
19	19	9839	38	38	38	27	15	40	6	50	5	6	6	3	0	0	6								
19	22	9858	38	38	37	28	10	64	7	50	5	7	6	5			6			16	29	414	060	41	34
20	01	9871	38	38	37	27	10	32	8	50	5	8	6	3			6								
20	04	9894	38	37	37	25	02	40	8	50	5	8	6	4			6								
20	07	9923	38	37	35	18	10	32	7	16	8	6	2	4	3		4	5							
20	10	9940	39	38	37	18	05	80	7	05	2	7	5	4			4								
20	13	9956	39	37	34	16	14	80	7	05	2	7	5	5			4								
20	16	9983	37	35	32	18	15	80	7	80	8	7	8	5			4								
20	19	0005	37	35	32	17	20	80	7	16	8	7	1	5			4								
20	22	0022	37	36	34	16	27	80	7	80	8	7	2	5			4			16	37	260	006	39	36
21	01	0032	37	36	35	16	30	80	7	80	8	7	8	5			4								
21	04	0041	37	36	34	15	30	80	7	80	8	7	8	5			4								
21	07	0053	35	35	35	16	30	16	8	68	6	7	8	4			4								
21	10	0058	36	35	34	16	25	80	8	02	2	8	8	5			4								
21	13	0042	35	34	32	15	25	80	8	02	2	8	5	5			4								
21	16	0038	35	34	32	16	19	80	8	02	2	8	5	5			4								
21	19	0036	34	32	30	19	08	80	8	02	2	8	5	5			4								
21	22	0019	33	32	30	18	01	80	6	02	2	6	5	5			4			16	40	598	003	38	31
22	01	0000	35	34	32	28	12	80	7	02	1	3	5	5	3										
22	04	9969	39	39	39	29	14	16	8	51	5	8	6	2			7								
22	07	9961	40	39	39	27	23	64	8	80	5	5	6	4			6								
22	10	9969	39	39	38	25	25	64	8	50	5	6	6	3			6								
22	13	9976	40	37	35	27	26	80	6	16	8	6	6	4	0	0	6								
22	16	9988	38	35	30	25	25	80	4	25	8	4	8	4	0	0	6								
22	19	9992	39	37	35	27	20	80	3	05	8	3	5	4	0	0	6								
22	22	9982	39	39	38	28	24	64	8	60	6	8	6	4			6			26	46	446	003	41	34
23	01	9965	39	39	39	22	10	08	8	51	6	8	6	3			6								
23	04	9992	39	39	37	26	20	64	7	05	5	2	5	4	3		6	6							
23	07	0030	38	35	32	26	15	80	4	25	8	4	8	4	3	0	6								
23	10	0065	38	35	30	24	15	81	7	02	2	6	5	5	3		5								
23	13	0091	39	36	31	25	20	81	5	01	2	3	5	5	3	0	6								
23	16	0109	39	38	36	27	15	80	8	05	2	3	5	5	3		7								
23	19	0104	41	40	40	30	15	40	8	50	2	8	6	4			7								
23	22	0099	42	42	42	30	25	16	8	50	5	8	6	2			7			27	48	551	013	43	36
24	01	0094	43	43	43	29	25	16	8	50	5	8	6	2			6								
24	04	0105	43	43	43	27	25	16	8	50	5	8	6	2			6								
24	07	0115	42	42	42	28	20	40	8	10	5	8	6	2			6								
24	10	0126	43	43	43	28	17	40	8	20	5	8	6	2			6								
24	13	0116	43	43	43	29	21	08	8	51	5	8	6	1			6								
24	16	0102	44	44	44	29	26	24	8	02	5	8	6	2			7								
24	19	0080	44	44	44	29	30	16	8	51	5	8	6	2			7								
24	22	0076	44	44	44	29	31	24	8	20	5	8	6	2			7			29	45	531	003	44	42
25	01	0080	42	41	40	28	27	80	1	01	8	1	5	4	0	0	6								
25	04	0098	41	39	36	26	36	80	2	02	2	2	5	4	0	0	6								
25	07	0129	39	38	37	27	33	64	4	05	1	4	5	4	0	0	6								
25	10	0147	39	36	28	27	33	64	6	05	2	6	5	4	0	0	6								
25	13	0164	39	35	28	26	28	80	5	05	2	5	5	4	0	0	6								
25	16	0162	38	35	30	26	18	64	7	05	2	3	5	4	3		6	6							
25	19	0148	40	38	35	29	10	64	6	05	2	4	5	4	3	0	6	6							
25	22	0133	37	37	37	32	10	40	8	51	5	8	6	4	3		7			27	62	747	003	42	37
26	01	0112	41	41	41	27	15	32	8	28	4	8	6	3			6								
26	04	0107	41	41	41	27	20	64	8	60	4	8	6	3			6								
26	07	0095	42	42	42	29	10	08	8	51	6	8	6	1			6								
26	10	0057	43	43	43	29	25	40	8	58	6	8	7	3			6								
26	13	0035	43	43	43	29	30	16	8	58	6	8	7	2			6								
26	16	0031	43	42	41	27	35	40	8	21	6	8	7	3			6								
26	19	0060	39	37	34	27	40	80	6	80	8	6	2	5	0	0	6								
26	22	0101	39	37	34	18	12	81	4	15	8	4	2	5	0	0	5			27	62	455	018	43	37
27	01	0133	38	36	33	25	15	81	5	15	8	5	2	5	0	0	5								
27	04	0140	37	36	34	27	10	80	7	50	2	7	5	4			6								
27	07	0148	38	37	36	28	15	80	8	50	5	8	5	4			6								
27	10	0142	40	39	38	28	18	80	8	05	2	8	6	3			6								
27	13	0123	42	42	41	28	23	64	8	05	2	8	6	3			6								
27	16	0119	42	42	42	27	23	40	8	05	5	8	6	3			6								
27	19	0134	42	41	40	27	24	24	8	50	5	8	6	3			6								
27	22	0135	42	42	42	30	12	40	8	05	5	8	6	3			7			27	40	559	004	43	36

Results of Surface Observations, Macquarie Island, May, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	01	0137	42	42	42	29	12	64	8	05	2	8	6	4			7								
28	04	0133	43	43	43	31	12	80	8	05	2	7	6	4			7								
28	07	0133	43	42	41	32	18	80	7	05	2	0	0	9	3			7							
28	10	0128	43	42	41	32	20	80	7	03	2	1	6	4	3		7	7							
28	13	0104	44	42	39	32	25	80	8	05	2	5	5	7			7								
28	16	0097	43	43	42	32	25	04	8	58	5	8	7	2			7								
28	19	0123	41	39	36	27	20	80	1	05	0	1	6	4	0	0	6								
28	22	0140	40	37	30	27	20	80	0	05	0	0	0	9	0	0				28	34	468	000	44	40
29	01	0148	43	42	41	27	10	80	0	05	0	0	0	9	0	0									
29	04	0155	44	42	39	29	15	80	1	05	0	1	6	4	0	0	6								
29	07	0155	43	43	43	32	15	80	4	05	1	1	6	4	3	1	7	7	6						
29	10	0150	42	42	41	32	17	80	8	05	2	6	6	2	0	7	7		7						
29	13	0137	43	41	38	32	18	81	8	01	1	6	6	4	4	8	7		7						
29	16	0123	41	41	40	32	20	80	8	05	2	8	6	4			7								
29	19	0118	42	41	40	31	18	80	6	05	2	6	6	4	0	0	7								
29	22	0103	42	42	41	29	24	40	8	05	2	8	6	3			7			31	32	535	014	43	39
30	01	0097	42	42	42	29	22	16	8	50	5	8	6	2			7								
30	04	0090	42	42	42	29	25	16	8	50	5	8	6	2			7								
30	07	0093	42	42	42	29	20	16	8	50	5	8	6	2			6								
30	10	0100	42	42	42	27	14	08	8	10	2	8	6	0			6								
30	13	0089	42	42	42	29	13	08	8	50	5	8	6	1			7								
30	16	0079	42	42	42	30	15	08	8	10	5	8	6	1			7								
30	19	0065	42	42	42	29	18	16	8	10	2	8	6	2			7								
30	22	0040	42	42	42	31	10	16	8	50	5	8	6	3			7			30	33	550	003	43	40
31	01	0010	41	41	41	31	16	16	8	51	5	8	6	2			7								
31	04	9947	42	42	42	35	12	16	8	51	6	8	6	2			7								
31	07	9932	44	43	41	30	23	64	8	05	6	6	6	4	3		7								
31	10	9918	44	42	40	32	20	64	8	05	2	8	5	4			7								
31	13	9876	43	43	42	32	26	40	8	59	5	8	6	3			7								
31	16	9864	43	42	41	29	30	40	8	60	6	8	6	4			7								
31	19	9894	42	41	41	29	22	24	8	53	5	8	6	3			7								
31	22	9973	40	39	38	26	25	40	4	50	5	4	6	4	0	0	6			31	39	469	013	44	36

Results of Surface Observations, Macquarie Island, June, 1954

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	01	9973	36	35	34	22	10	32	8	50	5	8	6	4			6								
01	04	0010	35	34	33	22	05	80	5	16	8	5	2	4	0	0	6								
01	07	0053	35	33	29	27	12	80	6	22	8	6	2	4	0	0	6								
01	10	0077	33	32	30	25	12	81	7	26	8	7	2	5			6								
01	13	0114	35	33	29	25	12	80	6	05	8	6	6	5	0	0	6								
01	16	0138	36	34	29	25	12	80	7	26	8	7	8	5			6								
01	19	0164	36	34	30	25	15	81	7	02	2	7	5	5			6								
01	22	0178	38	36	32	27	20	81	7	02	2	7	5	5			6			27	37	497	013	38	32
02	01	0179	38	36	32	29	15	80	8	05	2	8	5	5			6								
02	04	0161	38	36	33	30	15	80	8	05	2	8	5	5			6								
02	07	0140	37	36	34	32	18	80	8	05	2	8	5	4			6								
02	10	0115	38	37	36	33	17	40	8	61	6	8	6	4			7								
02	13	0052	34	34	34	10	06	40	8	71	7	8	6	4											
02	16	9981	35	35	35	14	21	32	8	71	7	8	7	2			3								
02	19	9933	34	34	34	14	35	24	8	73	7	8	7	2			3								
02	22	9950	36	35	34	15	35	40	8	68	7	8	7	4			3			15	50	421	004	38	33
03	01	0001	36	35	33	17	25	40	8	68	7	8	7	4			4								
03	04	0063	35	32	26	19	22	80	2	02	7	2	6	4			4								
03	07	0120	32	32	31	18	16	80	6	02	1	6	6	4			4								
03	10	0155	33	31	28	18	17	80	6	05	2	6	8	5	0	0	4								
03	13	0186	35	32	27	20	10	81	7	02	2	7	5	5			4								
03	16	0213	35	34	30	22	10	80	6	25	2	6	8	5	0	0	5								
03	19	0236	36	33	29	22	10	80	3	83	8	3	2	5	0	0	5								
03	22	0250	36	33	28	25	10	80	2	25	8	2	2	4	0	0	5			17	39	595	092	36	32
04	01	0258	37	33	27	27	10	80	1	05	2	1	2	4	0	0	5								
04	04	0252	37	34	28	27	12	80	2	05	8	2	2	4	0	0	6								
04	07	0255	37	35	32	29	17	80	8	05	3	8	6	4			6								
04	10	0257	37	35	32	29	15	81	8	02	2	8	5	5			6								
04	13	0242	38	36	33	29	20	81	8	02	2	8	5	5			6								
04	16	0227	39	37	34	29	18	81	7	02	8	6	8	5	3		6								
04	19	0215	37	36	34	29	18	80	6	80	8	6	8	5	0	0	6								
04	22	0200	37	36	35	28	18	80	6	80	8	6	8	5	0	0	6			29	28	558	001	39	35
05	01	0178	39	37	34	29	22	80	6	80	8	6	8	4	0	0	6								
05	04	0162	39	37	34	29	25	80	6	05	8	6	5	4	0	0	6								
05	07	0150	40	39	38	29	25	80	8	05	2	8	5	4			6								
05	10	0141	41	40	39	29	23	64	8	61	6	8	5	4			6								
05	13	0134	41	40	40	27	19	24	8	05	6	8	6	3			6								
05	16	0147	38	37	37	22	09	24	8	10	5	8	6	3			6								
05	19	0160	37	37	36	26	16	40	3	05	5	3	6	4	0	0	6								
05	22	0157	38	37	35	27	23	80	3	25	8	3	6	4	0	0	6			29	35	509	002	41	37
06	01	0164	38	37	36	27	19	80	1	02	1	1	6	4	0	0	6								
06	04	0163	38	37	35	26	16	80	7	02	1	1	6	4			6								
06	07	0154	37	37	36	27	19	80	5	25	8	5	8	4	0	0	6								
06	10	0166	37	37	36	27	17	80	6	80	8	6	2	4	0	0	6								
06	13	0151	37	35	33	27	25	80	7	16	8	7	8	4			6								
06	16	0145	37	35	32	26	26	80	7	16	8	7	8	4			6								
06	19	0136	37	35	32	26	28	80	4	25	8	4	2	4	0	0	6								
06	22	0131	37	36	34	26	25	64	8	80	8	8	2	4			6			27	38	500	005	39	36
07	01	0131	37	36	35	27	17	64	8	58	5	8	8	4			6								
07	04	0114	37	37	36	27	17	64	3	80	8	3	2	4	0	0	6								
07	07	0100	38	37	36	27	10	40	8	51	5	8	6	4			6								
07	10	0093	39	38	37	27	15	40	8	50	5	6	6	4	3		6								
07	13	0072	39	38	37	27	15	40	8	60	6	6	6	4	7		6								
07	16	0058	39	39	38	28	12	40	8	61	6	6	6	3	7		6								
07	19	0042	38	37	36	27	15	40	6	10	6	6	5	4	0	0	6								
07	22	0016	38	37	37	29	20	40	5	10	2	5	6	2	0	0	5			27	30	533	001	39	36
08	01	9986	38	38	37	29	23	40	8	10	5	8	6	3			6								
08	04	9957	39	38	37	29	26	40	8	60	6	8	7	3			6								
08	07	9939	39	38	37	27	26	40	8	10	6	8	6	3			6								
08	10	9931	39	39	38	27	23	40	8	80	8	7	7	3	3		6								
08	13	9904	39	39	38	28	18	64	8	05	2	8	6	3			6								
08	16	9863	40	40	40	30	25	40	8	63	6	8	7	4			6								
08	19	9835	40	39	38	27	25	40	8	80	8	8	7	4			6								
08	22	9826	39	38	35	28	29	80	7	25	8	7	8	4			6			27	46	519	027	41	38
09	01	9817	38	37	35	27	27	80	3	25	8	3	8	4	0	0	6								
09	04	9834	37	36	34	27	29	80	6	25	8	6	8	4			6								
09	07	9841	37	36	34	27	20	80	4	25	8	4	8	5			6								
09	10	9843	37	36	34	27	24	80	6	26	8	4	9	4	0	0	5								
09	13	9838	37	35	31	27	22	80	4	26	8	3	3	4	3	0	6								
09	16	9819	37	35	32	30	20	80	5	26	8	3	3	4	3	0	6								
09	19	9799	38	36	32	29	22	80	6	26	8	3	3	4	3	0	6								
09	22	9786	35	35	34	28	20	80	4	26	8	2	3	4	3	0	6			27	46	690	020	39	34

Results of Surface Observations, Macquarie Island, June, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St. miles	Points	°F	°F
10	01	9783	36	34	32	28	20	80	2	05	8	2	3	4	0	0	6								
10	04	9788	36	34	32	28	20	80	1	86	8	1	9	4	0	0	6								
10	07	9775	33	32	32	32	12	02	8	73	7	8	0	4	2			6							
10	10	9776	32	31	31	27	18	80	7	05	7	7	5	4			6								
10	13	9772	34	32	29	28	10	80	6	15	2	6	8	4	0	0	6								
10	16	9758	34	31	25	02	03	80	8	05	2	4	5	5	2		7	7							
10	19	9732	32	32	32	00	00	04	8	71	7	8	7	2											
10	22	9733	31	29	25	24	15	08	8	85	7	8	8	4			5			25	42	545	013	37	30
11	01	9746	33	31	27	26	25	80	7	85	8	7	8	5			5								
11	04	9758	32	29	23	26	20	80	5	85	8	5	8	5	0	0	5								
11	07	9772	32	29	23	27	20	80	6	85	3	6	8	5	0	0	6								
11	10	9780	33	29	19	27	12	80	4	02	7	4	8	5	0	0	6								
11	13	9780	32	29	20	27	09	80	3	02	7	3	3	5	0	0	6								
11	16	9788	30	29	27	24	04	80	1	01	7	1	3	5	0	0									
11	19	9797	31	29	25	30	09	80	3	02	1	3	3	5	0	0	6								
11	22	9810	30	29	27	18	04	80	5	02	1	5	3	5	0	0				27	34	302	038	33	29
12	01	9817	29	28	26	19	01	80	1	01	1	1	2	5	0	0									
12	04	9823	30	28	24	18	01	80	1	01	1	1	5	5	0	0									
12	07	9846	31	29	25	20	01	80	4	02	2	4	8	5	0	0									
12	10	9858	31	27	17	20	05	80	6	26	2	2	5	5	0	2	5								
12	13	9859	31	27	18	20	05	80	6	85	2	6	8	4	0	0	5								
12	16	9861	31	26	13	27	10	80	6	85	8	6	8	4	0	0	5								
12	19	9854	32	29	21	27	10	80	6	85	8	6	9	4	0	0	6								
12	22	9825	33	29	21	32	15	80	7	26	8	4	3	4	3		6	6		32	30	181	004	34	28
13	01	9778	35	31	23	34	22	80	8	26	8	8	6	4			8								
13	04	9680	34	32	28	34	40	24	8	39	3	8	7	4			8								
13	07	9626	33	32	31	28	17	40	8	23	3	8	6	4			7								
13	10	9599	35	30	20	33	25	80	7	02	2	5	5	5	3		7	7							
13	13	9505	33	29	21	34	25	08	8	86	8	8	8	5			7								
13	16	9508	32	28	19	29	28	80	7	16	7	7	8	5			6								
13	19	9506	32	28	19	25	12	80	7	16	8	7	8	5			5								
13	22	9547	32	29	23	22	25	16	8	86	8	8	8	5			5			36	65	486	008	36	29
14	01	9582	31	29	25	22	12	16	8	86	8	6	8	4	3		5	6							
14	04	9610	31	28	22	22	05	80	5	16	8	5	2	5	0	0	5								
14	07	9651	34	29	18	18	20	80	5	16	8	5	2	5	0	0	5								
14	10	9696	35	31	24	18	25	64	8	22	7	4	2	5	0	8	4								
14	13	9759	36	34	30	18	24	80	3	02	7	3	8	5	0	0	4								
14	16	9811	36	34	30	18	14	40	8	85	7	8	8	5			4								
14	19	9847	34	32	28	18	07	80	7	02	2	7	8	5			4								
14	22	9861	33	31	27	18	07	40	7	85	7	7	5	5			4			16	37	525	048	37	29
15	01	9873	33	31	28	18	06	80	2	02	1	2	5	5	0	0	4								
15	04	9872	32	30	26	14	09	80	7	02	1	7	5	5			4								
15	07	9870	32	30	26	13	11	80	6	02	2	3	5	5	3										
15	10	9860	32	29	27	14	12	80	6	02	1	6	5	4	0	0	3								
15	13	9835	33	31	27	13	21	24	7	85	8	7	8	4			3								
15	16	9809	33	31	27	14	30	64	7	83	8	3	8	4			3								
15	19	9791	33	31	27	14	32	80	8	02	8	8	8	5			3								
15	22	9789	32	29	24	14	35	80	8	02	8	8	5	5			3			14	44	350	005	34	30
16	01	9779	33	30	25	14	35	80	8	16	8	8	8	5			3								
16	04	9786	33	30	25	15	30	80	8	26	8	8	8	5			3								
16	07	9817	33	30	25	15	28	80	8	26	8	8	8	5			3								
16	10	9837	32	31	28	16	26	40	8	85	8	5	8	5			4								
16	13	9866	31	30	28	16	20	40	8	86	8	8	8	5			3								
16	16	9890	30	27	19	18	10	40	7	16	8	7	8	5			4								
16	19	9911	30	27	21	16	17	80	7	16	8	7	8	5			4								
16	22	9933	29	27	20	17	15	81	4	01	2	4	5	5	0	0	4			14	46	801	001	34	29
17	01	9947	28	25	18	16	10	80	7	85	8	7	8	5			4								
17	04	9955	28	25	18	18	05	81	5	01	1	5	8	5			4								
17	07	9972	25	22	15	20	02	81	4	01	1	4	5	5	0	0	4								
17	10	9991	27	24	16	20	02	80	5	02	2	2	5	5	3		4								
17	13	9993	29	25	17	22	05	80	6	02	2	2	5	5	3	0	4	6							
17	16	0005	26	23	16	21	02	80	2	02	1	2	5	5	0	0									
17	19	0005	31	28	22	31	07	80	2	02	1	2	5	5	0	0									
17	22	9999	32	29	24	33	18	80	6	02	2	2	5	5	3	8	7	7		33	29	344	004	34	24
18	01	9973	33	33	32	33	23	08	8	69	7	8	7	4			7								
18	04	9955	38	38	38	29	12	80	8	02	2	2	6	4	7		7	7							
18	07	9961	39	38	37	27	15	80	8	02	2	0	0	9	7			6							
18	10	9967	39	37	35	28	23	80	4	02	2	1	6	4	3	0	6	6							
18	13	9975	39	37	35	27	21	80	5	25	8	1	6	4	3	0	6	6							
18	16	9990	37	35	32	25	22	80	7	25	8	1	6	4			6								
18	19	0000	37	36	34	27	10	80	7	25	8	4	8	4	3		6	6							
18	22	0006	39	37	34	30	12	80	8	02	8	8	6	4			7			25	41	360	008	40	32

Results of Surface Observations, Macquarie Island, June, 1954

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND							LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	01	0002	39	39	38	32	12	40	88	51	55	88	66	32			7								
19	04	9977	41	40	40	32	20	04	88	55	55	88	66	11			7								
19	07	9963	41	41	41	32	20	03	88	55	55	88	66	12			7								
19	10	9947	42	41	40	33	22	08	88	51	56	88	67	23			7	7							
19	13	9905	42	41	41	33	22	16	88	61	66	88	67	33			7								
19	16	9893	42	41	39	31	22	40	88	21	66	88	67	34	3		7								
19	19	9899	41	40	39	31	20	40	88	62	66	86	78	34	3		6	7		26	43	480	008	43	36
19	22	9919	38	36	33	27	30	64	88	25	66	86	78	34	3		6	7		26	43	480	008	43	36
20	01	9950	38	36	33	27	25	80	75	25	88	75	85	55			6								
20	04	9962	37	34	29	29	25	81	55	01	88	55	52	55	0	0	6								
20	07	9962	33	31	27	28	25	80	56	26	88	56	88	55	0	0	6								
20	10	0001	34	31	25	26	25	80	66	26	88	56	88	55	0	0	6								
20	13	0030	34	33	31	27	20	80	68	26	88	56	85	55	0	0	6								
20	16	0043	34	33	31	25	16	80	88	02	82	58	56	54	0	8	6		5						
20	19	0046	37	34	29	29	10	80	88	02	22	88	56	54	0	8	6			28	58	646	045	38	32
20	22	0023	37	36	34	36	06	64	88	02	22	88	56	54	0	8	6			28	58	646	045	38	32
21	01	9972	38	38	38	36	17	40	88	60	66	88	66	40			8								
21	04	9915	41	41	41	32	15	08	88	10	65	88	66	00			7								
21	07	9889	41	41	41	32	10	08	89	51	54	88	66	00			7								
21	10	9885	41	41	41	28	07	02	89	47	44	88	66	00			6								
21	13	9880	39	39	39	27	20	03	97	43	45	87	66	02			6								
21	16	9894	38	38	38	27	18	08	97	52	45	88	66	02			6								
21	19	9903	40	40	40	30	17	02	98	47	54	88	66	04			7			28	36	430	012	41	37
21	22	9907	40	40	39	30	25	40	98	20	54	88	66	04			7			28	36	430	012	41	37
22	01	9932	40	39	38	29	22	64	87	50	55	87	65	44			7								
22	04	9965	36	37	32	29	22	80	88	05	52	73	66	43			6								
22	07	9971	39	38	36	30	22	40	88	05	52	68	66	22	3	7	6	6	6						
22	10	9964	39	38	37	30	25	16	88	52	55	88	66	32	1		7	7							
22	13	9946	41	41	41	29	28	16	88	52	55	88	66	32			7								
22	16	9953	41	41	40	29	25	16	88	52	55	88	66	32			7								
22	19	9968	41	41	41	30	25	16	88	52	55	88	66	22			7			27	40	565	003	41	38
22	22	9956	41	41	41	30	22	16	88	52	55	88	66	22			7			27	40	565	003	41	38
23	01	9942	41	41	41	30	25	16	88	52	55	88	66	22			7								
23	04	9920	41	41	41	30	30	16	88	52	55	88	66	22			7								
23	07	9898	42	41	41	31	30	16	88	52	55	88	66	23			7								
23	10	9885	42	42	41	31	30	08	88	52	55	88	66	23			7								
23	13	9873	40	40	40	28	15	08	88	63	56	88	66	34			7								
23	16	9872	40	39	38	29	22	80	88	21	66	85	66	45			6								
23	19	9895	38	35	30	27	33	80	82	01	68	52	65	55	0	0	6			28	53	697	006	42	34
23	22	9921	36	35	33	27	34	24	88	85	88	88	88	58			6			28	53	697	006	42	34
24	01	9949	34	34	33	26	24	08	73	86	88	73	86	55			6								
24	04	9955	38	35	30	27	20	80	32	02	88	32	68	54	0	0	6								
24	07	9962	36	33	26	27	33	80	26	26	88	66	89	55	0	0	6								
24	10	9990	33	33	32	27	22	64	68	26	88	86	85	55			6								
24	13	0026	35	33	28	25	25	64	88	25	88	86	85	55			6								
24	16	0046	35	31	22	26	25	80	88	25	88	67	85	55			6								
24	19	0066	36	31	22	27	25	80	76	25	82	76	85	55	0	0	6			27	59	691	026	38	32
24	22	0082	35	31	23	25	17	80	76	05	82	76	85	55	0	0	6			27	59	691	026	38	32
25	01	0085	36	32	23	27	25	80	24	05	88	22	56	54	0	0	6								
25	04	0082	34	31	23	27	25	80	48	25	86	28	68	35	0	0	6								
25	07	0067	37	35	32	27	22	40	86	62	88	66	88	55	0	0	6								
25	10	0057	37	35	31	26	28	80	58	25	88	87	88	55			6								
25	13	0045	38	36	33	27	30	80	87	25	88	87	88	55			6								
25	16	0053	36	35	33	23	22	64	88	26	88	87	88	55			6								
25	19	0100	36	34	30	20	18	80	88	83	88	54	88	55	0	0	6			27	58	613	008	38	33
25	22	0128	35	34	31	23	12	80	74	25	88	54	88	55	0	0	6			27	58	613	008	38	33
26	01	0145	35	34	31	24	12	80	66	05	22	67	85	55	0	0	6								
26	04	0152	35	34	30	27	12	80	67	05	22	70	50	59	0	0	6								
26	07	0152	36	35	33	27	14	80	78	05	22	84	66	24	0	0	6								
26	10	0149	37	36	35	29	13	80	88	05	22	88	66	21	5	0	6		6						
26	13	0118	39	39	39	31	19	40	88	02	22	88	66	42	7	0	6								
26	16	0093	39	38	37	31	20	64	88	05	22	88	66	42	8	0	6								
26	19	0058	39	38	37	32	23	40	88	05	22	88	66	42	6	0	6			33	51	443	012	41	34
26	22	9986	40	39	39	33	33	08	88	10	52	88	66	21	1	0	6			33	51	443	012	41	34
27	01	9945	40	38	37	29	34	64	88	21	68	28	68	44			6								
27	04	9965	38	37	37	27	40	16	87	81	88	76	88	45			6								
27	07	0047	36	34	30	27	40	64	76	25	88	65	88	55	0	0	6								
27	10	0073	37	31	20	27	40	80	53	16	88	37	82	55	0	0	6								
27	13	0124	37	33	22	25	28	80	37	25	82	37	88	55	0	0	6								
27	16	0153	37	32	22	27	25	80	37	05	88	37	88	55	0	0	6								
27	19	0173	37	33	24	27	22	80	37	15	88	37	88	55	0	0	6			26	78	791	016	41	33
27	22	0175	37	33	25	29	15	80	37	05	88	37	88	55	0	0	6			26	78	791	016	41	33

Results of Surface Observations, Macquarie Island, June, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas.	ww	W	Oktas.	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St. miles	Points	°F	°F
28	01	0152	38	34	27	32	25	80	8	05	2	8	5	5			7								
28	04	0120	39	36	33	32	20	80	7	05	2	8	6	4			7								
28	07	0073	40	39	36	33	26	08	8	53	5	8	7	1			7								
28	10	0048	41	41	40	33	28	08	8	59	6	8	7	2			7								
28	13	0010	41	41	40	32	28	16	8	59	6	8	7	2			7								
28	16	9979	42	41	40	33	32	08	8	60	6	8	7	3			7								
28	19	9961	42	41	40	33	32	16	8	59	6	8	7	2			7			32	41	619	012	42	37
28	22	9943	42	41	40	32	32	08	8	59	6	8	7	2			7								
29	01	0004	40	40	40	32	25	64	8	05	2	8	6	4			7								
29	04	9997	41	40	39	32	26	08	8	10	5	8	6	3			7								
29	07	0003	41	40	39	32	25	40	8	05	6	8	6	2			7								
29	10	9926	41	39	37	29	22	64	8	25	8	3	6	5	0	0	6								
29	13	9944	42	40	38	29	32	80	3	02	8	3	8	5	0	0	6								
29	16	9979	40	38	38	31	18	80	6	05	0	6	5	5	0	0	6								
29	19	0001	40	39	35	31	20	64	8	05	2	6	6	4	0	0	7			32	43	768	039	42	39
29	22	0008	40	40	40	31	20	64	5	05	2	5	6	4			7								
30	01	0004	40	40	40	32	25	64	8	05	2	8	6	4			7								
30	04	9997	41	40	39	32	26	08	8	10	5	8	6	3			7								
30	07	0003	41	40	39	32	25	40	8	05	6	8	6	2			7								
30	10	0005	41	40	39	32	25	40	8	50	5	8	6	2			7								
30	13	9988	41	40	39	32	26	64	8	20	6	8	6	3			7								
30	16	9970	41	40	39	33	28	40	8	20	5	8	6	2			7								
30	19	9941	41	41	40	33	32	40	8	58	5	8	6	3			7								
30	22	9910	41	41	41	33	35	40	8	51	5	8	7	3			7			32	47	638	002	41	39

Results of Surface Observations, Macquarie Island, July, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	01	9904	40	38	35	32	28	80	1	05	5	1	6	3	0	0	7								
01	04	9882	39	37	34	31	33	80	0	05	0	0	0	3	0	0									
01	07	9925	36	35	33	27	25	64	8	80	8	6	2	5	3	7	6	6	7						
01	10	9952	36	34	31	26	15	80	5	02	8	3	5	9	5	2	5	6							
01	13	9958	37	35	32	29	12	81	5	16	8	5	5	8	5	0	6	6							
01	16	9966	35	35	31	30	14	80	7	16	8	7	4	5	5	0	6	6							
01	19	9972	36	34	31	29	12	80	3	01	8	3	3	5	5	0	7	7		31	48	777	001	40	33
01	22	9970	36	34	31	34	07	80	3	05	0	3	3	5	5	0									
02	01	9955	37	36	34	36	10	80	3	05	0	2	2	5	4	3	0	8	7						
02	04	9938	38	37	34	34	20	40	8	10	2	8	8	5	4				7						
02	07	9926	38	37	35	34	35	16	8	60	6	8	7	7	3	7			7						
02	10	9938	37	36	36	31	16	40	8	60	6	7	6	6	5				6						
02	13	9958	35	33	30	27	15	80	8	02	2	6	8	5	5	3	0	8							
02	16	9974	34	31	24	23	02	80	8	02	1	2	2	5	5	0									
02	19	9981	36	33	26	29	11	80	4	01	1	2	2	5	5	0				33	44	408	012	39	33
02	22	9970	36	33	26	33	10	80	2	02	1	2	2	5	5	0									
03	01	9945	37	35	32	34	20	40	8	68	2	8	6	6	4	0	0	0	7						
03	04	9923	39	38	37	31	12	80	6	21	7	6	6	6	4				7						
03	07	9904	40	39	37	33	26	64	8	60	6	3	7	8	4	7			7						
03	10	9895	40	37	33	30	30	64	7	80	8	7	7	8	4				6						
03	13	9888	39	37	36	29	26	64	7	81	8	7	7	8	4				5						
03	16	9923	36	33	29	25	30	64	7	15	8	2	2	3	4				5						
03	19	9975	30	27	22	22	17	64	2	26	8	2	2	4	4	0	0	0	5	27	68	413	010	40	27
03	22	0004	30	26	18	25	20	80	2	02	8	3	3	4	4	0	0	0	5						
04	01	0013	30	28	24	27	29	24	6	86	8	6	3	4	4	0	0	0	5						
04	04	0003	31	29	24	27	36	64	5	86	8	5	3	4	4				5						
04	07	0015	32	31	29	27	35	40	8	86	8	5	3	4	4				5						
04	10	0015	33	31	29	26	35	08	8	86	8	5	3	4	4	3			6						
04	13	9990	36	34	30	28	35	16	8	86	8	6	3	4	4				6						
04	16	9976	37	36	34	28	30	16	8	83	8	8	3	4	4				6						
04	19	9988	37	37	36	27	28	16	8	60	8	8	7	2	4				6	27	64	745	016	38	31
04	22	9993	38	37	36	26	28	16	8	62	6	8	7	2	4				6						
05	01	0013	38	38	37	27	23	08	8	58	6	8	6	2	3				6						
05	04	0029	39	38	37	26	23	08	8	58	6	8	6	3	4				6						
05	07	0048	38	37	36	26	20	32	8	10	6	8	6	4	2				6						
05	10	0052	38	38	38	28	20	24	8	51	5	8	6	2	4				6						
05	13	0042	39	38	37	27	22	64	8	20	5	8	6	2	4				6						
05	16	0036	39	39	39	29	18	08	8	50	5	8	6	2	4				6						
05	19	0032	39	38	37	29	20	64	8	02	5	8	6	2	4				6	27	45	719	039	40	37
05	22	0019	40	39	38	29	17	64	8	02	5	8	6	2	4				6						
06	01	0002	39	39	39	31	16	40	8	05	2	8	6	3	4				7						
06	04	9977	39	38	37	31	20	40	8	05	2	8	6	3	4	7			7						
06	07	9958	39	38	37	31	22	40	8	60	6	8	6	4	4				7						
06	10	9946	39	38	36	32	25	40	8	60	6	8	6	7	4	0	0	0	7						
06	13	9957	36	35	33	27	22	80	8	26	6	8	6	8	4	0	0	0	7						
06	16	9970	36	34	32	27	18	80	6	26	8	2	3	9	4	0	0	0	7						
06	19	9965	36	35	33	28	18	80	2	26	8	3	7	8	4	0	0	0	7	29	48	555	003	40	35
06	22	9928	37	35	31	30	31	80	7	26	8	7	7	8	4	0	0	0	7						
07	01	9893	39	37	36	30	38	40	8	61	8	8	7	3	4				7						
07	04	9883	38	36	33	30	31	64	8	25	6	8	3	3	4	0	0	0	7						
07	07	9890	33	31	27	27	30	80	3	25	8	8	2	2	5	3	0	0	7						
07	10	9895	37	35	32	28	28	80	6	15	8	8	4	2	5	3			7						
07	13	9889	37	36	34	27	25	40	8	87	8	8	6	2	5	3			6						
07	16	9885	35	34	32	26	14	40	8	15	8	8	8	2	5	4			6						
07	19	9875	34	34	33	26	14	40	8	86	8	5	5	2	5	4			6	26	56	735	012	39	31
07	22	9855	32	32	31	26	18	40	7	22	7	5	4	3	4	3			6						
08	01	9847	31	30	28	26	24	16	8	86	8	8	8	4	5				6						
08	04	9843	31	29	27	26	16	16	8	86	8	8	8	5	5	3	0	0	6						
08	07	9862	30	28	25	18	12	80	8	02	8	5	6	4	5	0	0	0	6						
08	10	9885	31	28	22	20	05	80	7	26	8	6	4	4	5				6						
08	13	9925	31	27	18	18	20	80	7	02	8	5	6	4	5				6						
08	16	9967	30	27	21	17	28	80	6	02	8	5	5	4	5				6						
08	19	0025	29	26	19	18	20	80	7	02	8	5	5	4	5				6	26	45	464	019	32	28
08	22	0062	29	26	19	18	16	80	7	02	8	5	5	4	5				6						
09	01	0092	28	25	18	18	07	80	1	01	1	5	5	4	5				6						
09	04	0094	29	27	23	22	02	80	1	01	1	5	5	4	5				6						
09	07	0061	35	32	26	29	24	80	1	02	1	5	5	4	5	3			6						
09	10	0035	34	33	31	32	26	80	8	71	2	5	5	4	5				6						
09	13	9969	38	37	35	30	30	24	8	51	6	5	5	4	5				6						
09	16	9968	39	38	36	27	26	40	8	50	6	5	5	4	5				6						
09	19	9996	36	35	33	27	25	40	8	85	8	5	5	4	5	2			6	33	41	450	001	39	37
09	22	0023	36	34	30	27	20	64	8	05	8	4	5	4	4				6						

Results of Surface Observations, Macquarie Island, July, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	01	0047	37	34	29	27	20	80	8	05	2	8	5	5			6								
10	04	0051	37	34	28	27	21	80	8	05	2	8	5	5	9	0	6								
10	07	0033	38	37	35	29	27	80	8	05	2	8	5	4			6								
10	10	0033	39	39	38	30	30	16	8	60	6	8	6	3			7								
10	13	0027	40	39	38	29	28	40	8	10	2	8	7	4			6								
10	16	0036	40	38	36	27	26	40	8	10	2	8	5	4			6								
10	19	0039	39	38	37	28	30	16	8	50	5	8	5	4			6								
10	22	0023	39	38	37	29	30	16	8	50	5	8	5	4			6			27	47	603	010	40	36
11	01	0002	40	39	37	29	40	16	8	50	5	8	5	4			6								
11	04	9972	41	40	39	29	40	16	8	50	5	8	5	4			6								
11	07	9990	40	39	38	27	40	16	8	81	5	8	5	4			6								
11	10	0020	35	34	31	20	06	40	8	70	8	8	6	4											
11	13	0031	32	30	27	22	07	24	8	50	7	8	6	4			5								
11	16	0038	32	29	26	26	24	80	7	02	2	7	5	4			6								
11	19	0047	32	29	23	27	31	80	8	02	2	8	5	5			6								
11	22	0048	30	28	24	27	37	08	8	66	8	8	8	5			6			27	64	798	007	42	30
12	01	0060	31	29	25	27	38	64	7	26	8	7	8	5			6								
12	04	0087	31	28	22	26	28	64	8	26	8	8	8	5			6								
12	07	0134	30	27	21	25	22	80	8	02	8	8	6	5			6								
12	10	0157	30	26	17	22	12	80	8	05	2	8	5	5			5								
12	13	0171	30	27	21	25	10	80	7	85	8	7	8	5			5								
12	16	0176	30	29	25	25	12	64	6	85	8	6	8	5	0	0	6								
12	19	0164	33	32	31	30	20	80	7	26	8	7	8	5			7								
12	22	0132	36	33	27	31	25	81	8	02	2	8	5	5			7			27	65	612	002	36	28
13	01	0065	37	36	34	31	28	16	8	58	5	8	6	4			7								
13	04	9999	41	40	39	31	28	16	8	58	5	8	6	3			7								
13	07	9969	42	41	40	30	34	16	8	62	5	8	7	3			7								
13	10	9959	42	41	40	29	30	16	8	05	5	8	6	3			7								
13	13	9953	41	41	40	29	31	16	8	05	5	8	6	3			7								
13	16	9951	41	41	41	29	27	24	8	20	5	8	6	3			7								
13	19	9924	42	42	42	29	36	08	8	50	5	8	6	2			7								
13	22	9935	42	42	42	29	32	08	8	53	5	8	6	2			7			31	49	637	010	42	34
14	01	9949	41	41	41	29	24	08	8	51	5	8	6	2			7								
14	04	9954	38	37	37	25	06	16	8	63	6	8	6	4	2		7								
14	07	9940	40	40	39	29	03	24	8	63	6	8	8	4	2		6								
14	10	9930	36	36	35	14	01	24	8	63	6	8	7	4											
14	13	9922	36	35	34	16	08	40	8	60	6	8	7	4	2		4								
14	16	9926	32	32	32	15	16	16	8	71	7	7	7	4	2		4								
14	19	9952	32	31	29	21	05	16	8	70	7	7	6	4	1		5								
14	22	9966	31	29	25	20	05	80	8	02	7	8	5	5			5			27	31	639	066	41	29
15	01	9975	29	27	22	25	20	80	7	02	2	6	5	5	3		5								
15	04	9974	29	27	22	26	25	80	7	15	8	4	2	5	3		5								
15	07	0005	28	26	22	21	15	81	7	02	8	5	8	5	3		5	5							
15	10	0037	27	24	15	20	16	80	6	26	8	6	8	5			5								
15	13	0050	28	24	11	25	10	80	8	02	7	8	5	5			5								
15	16	0059	26	25	23	27	12	16	8	71	7	8	5	5			6								
15	19	0057	30	27	20	27	11	80	8	02	8	4	5	5			6								
15	22	0053	30	29	27	27	12	08	8	85	8	8	6	5			6			26	47	559	014	31	26
16	01	0052	30	29	28	22	01	80	4	26	8	3	7	5			6								
16	04	0052	30	29	28	20	11	64	7	26	8	4	7	4			5								
16	07	0067	28	27	25	18	06	80	6	02	8	5	8	5			5								
16	10	0074	29	27	23	18	03	80	8	26	8	8	8	5			5								
16	43	0073	28	26	22	20	01	80	8	85	8	7	8	5			5								
16	16	0073	28	25	18	20	02	80	8	02	8	8	8	5			5								
16	19	0084	28	25	17	22	02	80	8	02	2	8	5	5			5								
16	22	0090	28	25	18	18	02	80	8	02	2	8	5	5			5			25	30	505	015	31	25
17	01	0091	29	26	21	18	03	40	8	70	7	8	5	5			5								
17	04	0102	27	25	20	20	03	80	8	26	8	8	5	5	0	0	5								
17	07	0110	29	27	23	27	02	80	6	15	8	5	6	5	0	0	5								
17	10	0125	30	29	26	00	00	80	3	26	8	8	8	5	0	0	5								
17	13	0129	33	31	27	25	11	80	4	02	8	1	8	5	0	0	5								
17	16	0141	32	30	26	25	12	80	6	24	1	2	5	5	0	0	5								
17	19	0159	31	29	25	25	10	80	5	02	2	2	5	5	0	0	5								
17	22	0173	32	30	27	26	12	80	7	02	2	7	5	5			5			26	25	098	004	33	26
18	01	0181	32	31	29	27	12	80	6	02	2	7	5	5	0	0	6								
18	04	0195	32	31	30	29	04	80	7	02	2	8	5	5			6								
18	07	0217	33	32	28	23	02	80	8	02	2	7	5	5			6								
18	10	0228	33	32	29	27	12	81	7	02	2	8	5	5			6								
18	13	0224	34	34	33	27	18	40	7	50	2	6	5	4			6								
18	16	0235	37	36	35	28	08	80	6	02	2	7	6	4	0	0	6								
18	19	0243	37	35	32	29	04	80	7	02	2	7	5	5			6								
18	22	0244	37	35	32	29	15	80	8	02	2	8	5	5			6			29	25	522	000	38	31

Results of Surface Observations, Macquarie Island, July, 1954

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND					LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	01	0233	37	35	32	29	20	80	8	02	2	8	5	5			6								
19	04	0218	37	35	33	28	20	80	8	02	2	8	5	5			6								
19	07	0207	37	36	35	28	18	40	8	05	2	8	6	4			6								
19	10	0194	38	37	36	29	18	08	8	10	2	8	6	2			6								
19	13	0178	38	37	36	27	18	40	8	05	2	6	6	3	3		6								
19	16	0173	37	37	36	26	10	03	8	50	5	8	6	2			6								
19	19	0166	36	34	30	23	06	80	1	20	5	1	6	4	0	0	5			26	40	440	001	39	33
19	22	0167	33	32	30	25	14	80	2	02	1	2	5	4	0	0	5								
20	01	0170	33	32	29	18	11	64	3	26	8	3	5	5	0	0	4								
20	04	0177	30	28	22	18	10	80	4	02	1	7	5	5	0	0	4								
20	07	0185	30	28	24	19	05	80	7	02	1	7	5	5			4								
20	10	0188	29	27	21	19	06	81	8	02	2	8	5	5			4								
20	13	0177	30	27	21	18	05	81	8	02	2	8	5	5			5								
20	16	0171	30	28	23	22	05	81	8	02	2	8	5	5			6	6							
20	19	0157	32	30	27	27	05	81	8	02	2	5	5	4	3		6			26	26	532	007	33	28
20	22	0135	32	31	29	27	12	80	8	05	2	8	5	5											
21	01	0103	33	31	30	27	25	80	8	05	2	8	5	4			6								
21	04	0069	36	35	33	27	25	80	8	05	2	6	5	4	3		6	6							
21	07	0038	37	36	34	27	28	80	8	15	3	4	5	4			6								
21	10	0014	37	34	29	25	30	80	8	02	1	2	5	5			6								
21	13	0007	34	32	28	26	22	80	8	26	8	7	6	5		0	5								
21	16	0013	32	29	23	23	12	80	8	02	2	8	6	5			5								
21	19	0018	30	26	19	22	06	80	8	02	2	8	6	5			5			27	59	436	004	38	29
21	22	0017	30	27	20	25	06	80	8	02	2	6	6	5											
22	01	0019	30	27	20	24	09	80	8	02	2	8	5	5			5								
22	04	0020	29	26	21	24	06	80	8	26	2	8	5	5			5								
22	07	0031	27	25	21	18	10	24	8	85	2	8	5	5			5								
22	10	0040	28	25	16	22	10	81	8	02	2	8	5	5			5								
22	13	0040	28	25	17	20	05	81	8	02	2	8	5	5			5								
22	16	0045	29	26	19	22	03	81	8	02	2	8	5	5			5								
22	19	0051	29	26	19	23	08	81	8	02	2	8	5	5			5			26	25	333	004	30	27
22	22	0051	29	26	19	26	14	81	7	02	2	7	5	5											
23	01	0046	29	27	21	27	17	81	8	02	2	8	5	5			6								
23	04	0035	31	29	26	27	20	80	8	05	2	8	5	5			6								
23	07	0033	31	29	26	26	20	80	8	05	2	6	5	5			6								
23	10	0034	30	27	21	26	14	80	8	02	2	6	5	5			6								
23	13	0025	30	28	23	27	15	80	8	02	2	6	5	5			6								
23	16	0024	30	28	24	25	08	80	8	02	2	6	5	5			6								
23	19	0022	30	28	24	27	09	80	8	02	2	6	5	5			6			26	32	338	000	31	29
23	22	0016	30	28	24	26	03	80	8	02	2	6	5	5											
24	01	0004	30	28	24	29	03	80	8	02	2	8	5	5			6								
24	04	9987	30	28	25	00	00	80	8	02	2	8	5	5			6								
24	07	9971	29	27	22	00	00	80	8	02	2	8	5	5			6								
24	10	9957	30	27	22	00	00	81	8	02	2	8	5	5			6								
24	13	9933	29	27	24	14	08	80	8	24	5	7	5	5	3		2	6							
24	16	9925	29	27	23	14	05	80	8	02	2	5	5	5	3		3	6							
24	19	9921	28	26	22	17	12	80	8	02	2	8	5	5			4			18	18	208	000	30	25
24	22	9923	26	24	19	18	14	81	5	26	2	5	2	5	0	0	4								
25	01	9927	26	24	19	17	15	80	6	26	8	6	8	5			4								
25	04	9949	22	20	14	18	15	80	8	26	8	8	5	5			4								
25	07	9972	20	18	12	18	13	80	8	85	8	8	5	5			4								
25	10	9987	21	19	11	18	12	80	8	15	8	8	5	5			4								
25	13	9984	23	20	11	17	09	64	8	85	8	8	5	5			4								
25	16	9979	22	20	14	26	10	48	7	85	8	7	5	5			6								
25	19	9969	26	23	15	28	20	24	6	85	8	6	5	5			6			29	46	292	000	32	18
25	22	9918	30	26	17	29	28	80	7	02	8	7	5	5			6								
26	01	9847	32	31	31	29	41	06	8	86	8	8	5	5			6								
26	04	9851	23	21	16	25	24	64	3	26	8	3	5	5			6								
26	07	9881	22	20	14	20	10	08	7	86	8	7	5	5			5								
26	10	9920	18	16	11	19	15	24	7	86	8	7	5	5			5								
26	13	9959	20	19	14	18	20	80	7	26	8	6	5	5			5								
26	16	0000	21	19	11	20	20	80	6	26	8	5	5	5			5								
26	19	0045	23	20	11	19	20	80	8	02	8	8	5	5			4			29	60	557	008	33	16
26	22	0075	24	22	15	19	20	81	8	02	8	8	5	5			4								
27	01	0109	25	22	13	19	20	81	7	02	2	7	5	5			4								
27	04	0129	25	23	16	18	08	80	8	05	2	8	5	5			4								
27	07	0148	25	22	15	00	00	80	7	05	2	7	5	5			4								
27	10	0156	26	23	15	00	00	80	7	02	2	7	5	5			5								
27	13	0142	28	25	19	32	14	80	8	02	2	8	5	5			6								
27	16	0127	31	28	24	32	20	80	8	02	2	8	5	5			6								
27	19	0111	35	34	26	32	23	80	8	02	2	8	5	5			6								
27	22	0077	36	36	36	33	32	08	8	02	2	8	5	6			7			32	42	378	004	39	23

Results of Surface Observations, Macquarie Island, July, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas.	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	01	0065	39	39	39	32	26	16	8	61	6	8	6	4			7								
28	04	0088	37	36	35	27	24	24	7	25	8	7	6	4			6								
28	07	0110	37	36	35	26	24	40	8	05	2	8	6	4			6								
28	10	0121	37	36	35	27	25	24	8	50	5	8	6	3			6								
28	13	0139	37	36	35	26	20	40	8	05	5	8	5	4			6								
28	16	0138	37	36	35	29	15	24	8	50	5	8	6	3			6								
28	19	0144	37	37	36	29	14	24	8	50	5	8	6	3			6								
28	22	0142	37	37	37	29	16	08	7	51	5	7	6	2			6			30	41	611	074	39	36
29	01	0142	37	37	37	29	12	08	8	51	5	8	6	2			6								
29	04	0135	38	37	36	29	10	24	8	10	5	8	6	4			6								
29	07	0127	37	37	37	31	12	16	8	51	5	8	6	2			6								
29	10	0118	37	37	37	31	10	08	8	10	5	8	6	1			7								
29	13	0094	38	38	38	32	12	08	8	51	5	8	6	1			7								
29	16	0063	39	38	37	34	16	40	8	05	2	8	6	4			7								
29	19	0018	40	40	39	33	28	08	8	53	5	8	6	3			7								
29	22	9994	40	39	39	33	28	08	8	62	6	8	7	2			7			33	37	404	003	40	37
30	01	9973	40	40	40	33	25	08	8	62	6	8	7	2			7								
30	04	9955	39	39	39	32	20	08	8	63	6	8	7	2			7								
30	07	9992	36	35	33	27	33	40	7	05	6	7	5	4			6								
30	10	0024	36	35	33	26	34	40	8	05	2	8	6	4			6								
30	13	0054	36	35	33	26	28	64	3	05	2	3	6	4			6								
30	16	0089	38	37	35	27	18	64	6	05	1	6	6	4			6								
30	19	0101	38	37	37	29	12	40	8	05	1	8	6	4			6								
30	22	0101	38	38	38	29	12	40	8	05	2	6	6	4			6			27	49	631	011	41	35
31	01	0084	39	39	38	31	16	64	8	05	2	8	6	4			7								
31	04	0061	39	39	39	31	18	40	8	05	2	8	6	4			7								
31	07	0049	40	39	38	31	19	40	8	05	2	8	6	4			7								
31	10	0040	40	40	40	31	21	40	8	05	2	8	6	4			7								
31	13	0017	40	40	40	31	27	24	8	10	2	8	6	3			7								
31	16	0008	40	40	39	31	25	24	8	10	2	8	6	3			7								
31	19	9996	40	40	40	31	22	24	8	10	2	8	6	3			7								
31	22	9973	40	40	40	31	27	24	8	10	2	8	6	3			7			32	37	594	000	41	39

Results of Surface Observations, Macquarie Island, August, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	01	9961	41	40	39	32	28	24	8	10	22	8	6	4			7								
01	04	9918	41	40	39	32	31	24	8	10	25	8	6	4			7								
01	07	9902	40	40	40	33	31	08	8	50	68	8	6	2			7								
01	10	9888	40	40	40	24	12	08	8	63	68	8	7	2			6								
01	13	9935	36	35	33	25	15	40	7	80	68	6	7	3	3		5								
01	16	9976	34	32	28	27	23	40	8	15	68	6	5	4	3		6								
01	19	0004	33	30	27	27	17	80	8	02	82	8	5	4			6			32	39	731	008	41	31
01	22	0010	33	30	27	29	21	80	8	02	82	8	5	4			6								
02	01	9993	34	32	28	31	20	80	7	02	22	7	5	4			6								
02	04	9959	34	34	34	32	24	40	8	05	26	8	6	4			7								
02	07	9912	36	36	36	32	31	40	8	60	66	8	6	4			7								
02	10	9881	37	37	37	32	32	24	8	62	88	8	7	3			7								
02	13	9874	38	37	35	29	24	40	8	84	85	5	2	4	3	2	6	7	7						
02	16	9876	38	37	35	32	12	64	3	05	11	2	5	5	3	0	6	7							
02	19	9881	37	36	34	27	25	40	7	84	88	5	2	5	3		6			32	47	599	011	39	33
02	22	9918	36	34	30	25	24	80	8	26	88	8	8	5			6								
03	01	9952	35	31	27	25	28	80	7	26	88	7	8	5			6								
03	04	9991	31	29	25	27	28	80	7	26	88	7	8	5			6								
03	07	0030	28	26	22	25	25	80	7	26	82	7	8	5			6								
03	10	0061	31	28	22	27	21	80	7	15	22	8	8	5			6								
03	13	0085	33	30	24	27	22	80	7	05	22	8	8	5			6								
03	16	0100	34	30	22	27	20	80	8	05	22	8	8	5			6								
03	19	0099	36	35	29	29	17	80	8	50	25	8	8	5			6			27	50	565	003	38	27
03	22	0071	37	37	36	32	20	64	8	53	25	8	7	3			7								
04	01	0072	38	37	37	30	12	64	8	52	55	8	6	4			7								
04	04	0082	39	38	37	27	23	64	8	52	55	8	6	4			6								
04	07	0106	38	36	32	27	25	80	6	05	51	8	5	5			6								
04	10	0121	40	39	38	27	27	64	6	05	11	6	5	5			6								
04	13	0135	39	37	33	26	25	64	7	05	11	5	5	5	3	8	6								
04	16	0147	38	37	35	26	20	64	4	05	12	2	5	5	3	8	6								
04	19	0158	37	37	36	29	10	64	8	05	22	8	5	5			6			26	40	532	003	39	37
04	22	0153	38	37	35	29	16	64	8	05	22	8	5	5			6								
05	01	0148	38	38	38	30	16	04	9	45	44	8	6	0			6								
05	04	0145	39	39	39	29	20	40	8	05	45	8	6	3			6								
05	07	0146	40	39	38	29	22	40	8	05	55	8	6	3			6								
05	10	0155	40	39	39	29	22	08	8	41	55	8	6	2			6								
05	13	0163	40	40	39	27	25	40	8	05	55	8	6	2	3		6	6							
05	16	0179	40	39	39	27	22	24	8	50	55	8	6	2			6								
05	19	0194	39	39	39	29	15	08	8	51	55	8	6	2			6			27	34	561	001	40	37
05	22	0202	39	39	39	29	12	01	9	47	55	8	6	0			6								
06	01	0216	38	38	38	29	12	01	9	45	55	8	6	0			6								
06	04	0230	37	37	37	27	10	01	9	45	55	8	6	0			6								
06	07	0244	38	38	38	29	08	02	9	43	54	8	6	0			6								
06	10	0249	37	38	38	30	07	01	9	45	44	8	6	0			7								
06	13	0244	38	38	38	31	06	01	9	43	44	8	6	0			7								
06	16	0242	38	38	38	30	10	02	9	43	44	8	6	0			7								
06	19	0239	37	37	37	32	10	02	9	43	44	8	6	0			7			31	25	417	005	39	37
06	22	0228	38	38	38	32	20	40	6	28	44	6	6	3	0	0	7								
07	01	0213	39	38	37	32	20	64	7	05	26	7	6	3			7								
07	04	0197	39	38	37	32	22	80	7	60	62	7	6	3			7								
07	07	0195	39	39	38	32	22	64	7	05	22	7	6	3			7								
07	10	0189	40	40	40	31	19	64	8	05	22	5	6	3			7								
07	13	0182	40	40	40	30	18	40	8	60	25	8	6	2			7								
07	16	0188	38	38	38	25	08	40	8	20	65	8	6	2			6								
07	19	0196	37	37	37	25	05	40	8	21	65	8	6	1			6			32	29	452	004	40	36
07	22	0200	37	37	37	25	05	08	8	50	65	8	6	1			6								
08	01	0200	37	37	37	00	00	40	8	02	56	8	6	2			5								
08	04	0204	36	35	34	00	00	40	8	60	66	8	5	4			5								
08	07	0208	35	35	34	00	00	64	8	21	64	8	5	4			7								
08	10	0203	36	36	38	32	01	01	9	47	44	8	6	0			7								
08	13	0185	38	38	37	32	05	01	9	45	44	8	6	0			7								
08	16	0167	37	37	37	32	16	01	9	45	44	8	6	0			7								
08	19	0149	38	38	38	32	20	01	9	45	44	8	6	0			7			32	27	221	008	39	35
08	22	0136	39	38	38	32	20	16	8	10	44	8	6	2			7								
09	01	0113	38	37	37	32	16	40	7	10	52	7	6	2			7								
09	04	0092	38	38	38	32	19	16	8	10	56	8	6	2			7								
09	07	0070	38	38	37	32	22	40	8	60	66	6	6	2			7								
09	10	0043	39	38	38	33	25	64	8	05	66	6	6	2			7								
09	13	9998	39	39	39	33	18	64	8	60	66	6	7	2	7		7								
09	16	9940	38	38	38	34	15	24	8	61	66	6	7	2	7		7								
09	19	9886	39	39	39	32	20	32	8	61	66	6	7	2			7			31	46	401	004	41	37
09	22	9873	40	39	38	31	30	80	8	21	66	8	6	4			7								

Results of Surface Observations, Macquarie Island, August, 1954

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND							LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
10	01	9862	41	40	39	32	35	80	7	05	2	7	6	4			7								
10	04	9883	38	37	36	28	30	80	8	05	2	8	8	5			6								
10	07	9920	34	33	31	25	22	80	8	25	8	8	5	5			6								
10	10	9935	34	33	30	26	21	80	4	01	2	3	5	5	3	0	6								
10	13	9935	34	31	25	27	08	80	6	02	2	6	5	5	0	0	6								
10	16	9926	33	30	24	16	03	80	8	02	2	1	5	6	2		6								
10	19	9911	30	30	30	16	09	16	8	71	7	0	0	9	2			7							
10	22	9893	29	29	28	14	21	24	8	71	7	0	0	9	2			7		30	52	628	029	41	29
11	01	9885	29	28	26	14	16	80	8	02	7	0	0	9	2			7							
11	04	9869	28	26	22	18	06	80	8	02	2	0	0	9	2										
11	07	9857	28	27	18	18	02	80	8	02	2	5	5	5	3		5								
11	10	9848	31	28	22	28	05	80	8	26	7	6	8	6	7		6	6							
11	13	9855	27	25	18	16	26	81	4	02	7	4	1	5	0	0	4								
11	16	9864	26	23	15	16	12	80	8	15	1	8	8	5			5								
11	19	9874	24	22	16	15	20	08	8	86	8	8	8	5			5								
11	22	9892	21	21	18	16	12	01	8	61	7	8	0	4	2					18	39	235	042	31	20
12	01	9914	23	20	12	14	20	80	6	02	7	4	5	5	3	0	4	6							
12	04	9938	17	15	06	00	00	81	2	02	1	2	5	5	0	0									
12	07	9950	21	19	07	20	08	81	4	15	8	4	8	5	0	0	5								
12	10	9965	25	22	14	22	05	64	7	85	8	7	8	5			5								
12	13	9973	23	21	16	19	05	80	8	15	8	8	8	5			5								
12	16	9985	25	21	11	25	07	80	8	85	8	8	8	5			5								
12	19	9998	25	22	12	25	10	80	8	16	8	8	8	5			5								
12	22	0006	25	21	09	24	12	80	8	26	8	8	8	5			6			26	26	321	027	26	16
13	01	0017	27	23	12	27	20	80	7	05	2	7	5	6			6								
13	04	0018	28	24	13	27	17	80	7	05	2	7	5	6			6								
13	07	0021	31	27	18	29	18	80	7	05	2	1	5	6	3		6	6							
13	10	0025	32	29	24	27	23	80	7	26	8	4	5	5	7		6								
13	13	0044	30	27	21	22	22	64	7	26	8	8	7	5			5								
13	16	0066	29	27	22	20	16	24	7	85	8	8	8	5			5								
13	19	0088	30	28	24	20	07	64	6	26	8	7	8	5			5								
13	22	0102	31	28	22	27	16	80	7	02	8	7	8	5			6			27	41	295	002	32	26
14	01	0101	32	30	26	29	11	80	4	02	1	4	8	5			6								
14	04	0092	35	33	28	29	20	80	6	03	1	2	5	5	3		6								
14	07	0083	37	36	34	32	22	64	8	60	2	0	5	5	7			6							
14	10	0074	37	36	34	32	28	24	8	50	6	6	6	3	7		7								
14	13	0057	38	38	38	32	28	08	8	50	6	5	8	2			7								
14	16	0046	38	38	38	32	28	24	8	60	6	8	8	2			7								
14	19	0045	39	38	38	32	28	24	8	10	6	2	6	2			7								
14	22	0040	39	38	37	33	26	40	8	05	2	6	6	4	3		7			32	36	410	005	39	32
15	01	0036	39	38	38	33	26	08	8	50	2	8	6	2			7								
15	04	0025	39	38	38	33	20	24	8	10	6	6	6	2	3		7	7							
15	07	0020	39	38	37	33	23	80	8	05	2	3	6	4	3	7	7	7							
15	10	0007	40	39	38	33	26	64	8	05	2	7	6	3	3		7	7							
15	13	9972	40	39	39	34	25	80	7	05	2	4	6	3	0	2	7		7						
15	16	9946	40	39	38	34	22	80	8	05	2	2	6	4	3	7	7	7							
15	19	9916	41	41	41	34	26	40	8	51	5	8	7	3			7								
15	22	9900	40	39	38	33	30	64	7	52	5	7	6	4			7			34	40	519	002	40	38
16	01	9914	39	38	37	33	28	80	0	05	0	0	0	9	0	0									
16	04	9906	40	39	38	32	32	64	8	52	5	8	6	5			7								
16	07	9913	40	39	38	32	29	80	7	05	5	3	6	3	0	2	7		7						
16	10	9916	39	39	39	34	23	40	8	05	2	8	6	3			7								
16	13	9881	40	39	39	35	20	16	8	60	6	8	6	3			7								
16	16	9846	41	41	41	34	34	16	8	61	6	8	6	3			7								
16	19	9824	41	41	41	34	34	80	8	02	6	8	6	3			7								
16	22	9802	41	41	41	34	36	16	8	63	6	8	0	3	2		7			32	49	668	003	42	38
17	01	9833	39	38	37	30	25	64	3	02	6	3	5	5	0	0	6								
17	04	9846	38	38	37	31	16	80	7	02	2	4	5	5	3		6								
17	07	9848	38	38	38	32	18	40	8	60	6	3	7	4	7		7								
17	10	9853	38	37	35	31	25	81	3	01	8	3	5	4	0	0	7								
17	13	9859	36	36	36	30	20	40	8	84	8	8	8	4			7								
17	16	9880	36	35	34	27	20	80	8	26	8	8	8	5			6								
17	19	9903	36	35	33	28	14	80	6	84	8	6	8	5	0	0	6								
17	22	9924	36	35	33	28	20	80	4	80	8	4	2	5	0	0	6			33	42	653	022	39	35
18	01	9933	37	36	35	30	20	81	4	00	0	0	0	9	3	5	6	6							
18	04	9916	38	37	37	32	26	80	8	05	2	2	6	4	3	7	7	6							
18	07	9890	39	39	38	34	26	40	8	10	2	6	6	3	3		7	7							
18	10	9845	40	39	39	34	30	64	8	63	6	8	7	3			7								
18	13	9774	40	40	40	33	34	64	8	63	6	8	7	3			7								
18	16	9769	39	39	38	32	30	64	7	80	6	3	2	4	3		7	7							
18	19	9785	39	38	38	32	26	80	2	25	8	2	2	5	0	0	7								
18	22	9777	38	37	36	32	30	64	8	81	8	6	2	5			7			33	49	523	018	41	35

Results of Surface Observations, Macquarie Island, August, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	01	9774	37	37	36	32	23	64	7	61	8	7	2	4			7								
19	04	9783	35	35	34	29	25	64	6	81	8	6	2	4	0	0	7								
19	07	9790	37	36	34	29	30	80	6	15	8	6	8	5	0	0	6								
19	10	9824	37	36	34	26	38	24	7	90	8	7	8	5			6								
19	13	9881	35	34	32	27	35	80	8	15	8	8	8	4			6								
19	16	9940	34	31	25	27	34	80	6	15	1	6	8	5			6								
19	19	9984	33	32	30	27	22	80	3	27	8	3	8	5	0	0	6			26	55	705	025	37	32
19	22	9999	36	34	30	29	17	80	2	01	1	2	5	5											
20	01	9998	38	36	33	32	27	80	8	02	2	8	5	5			7								
20	04	9986	38	37	35	32	27	64	6	05	2	1	6	4	0	8	7								
20	07	9982	39	38	37	32	29	64	8	05	2	6	6	4	7		7								
20	10	9973	39	38	37	32	30	80	7	05	2	6	5	4	3	8	7	7							
20	13	9969	38	38	38	31	22	16	8	58	6	6	6	4			7								
20	16	9969	38	37	35	29	04	40	8	05	6	4	6	4	7		6	7							
20	19	9972	38	37	35	29	04	80	3	05	1	2	5	4	0	8	6			32	38	686	003	39	37
20	22	9994	38	38	37	26	15	40	4	10	4	4	5	4	0	0	6								
21	01	0024	37	37	36	29	10	40	6	10	4	4	5	5	0	0	6								
21	04	0042	37	36	34	27	25	80	6	05	2	6	5	5	0	0	6								
21	07	0078	37	36	34	27	22	80	7	05	2	7	5	5			6								
21	10	0093	39	38	37	32	22	80	3	05	1	1	5	5	4	2	6	6	6						
21	13	0103	40	39	38	32	17	80	6	05	2	2	6	4	3	2	7	6	6						
21	16	0118	39	38	37	32	20	80	7	05	2	7	5	3			6								
21	19	0124	39	38	37	32	21	80	8	05	2	7	5	3			6			27	34	382	006	40	36
21	22	0125	39	38	37	32	20	80	7	05	2	6	5	3			6								
22	01	0120	38	38	38	32	21	64	8	05	2	7	5	5			6								
22	04	0103	38	38	38	32	20	64	8	50	2	8	6	4			7								
22	07	0092	38	38	38	32	17	64	8	50	2	5	6	5			6								
22	10	0080	38	38	38	33	16	24	8	50	5	8	6	3			7								
22	13	0058	38	38	38	34	05	16	8	61	6	8	6	2			7								
22	16	0028	37	37	37	09	08	24	8	60	6	8	6	2											
22	19	9970	37	37	36	11	20	16	8	63	6	8	6	3	2										
22	22	9925	38	37	35	11	27	16	8	63	6	8	6	2	2					12	39	467	001	39	37
23	01	9862	38	37	35	11	28	16	8	51	6	8	6	3	2										
23	04	9830	38	38	38	11	03	24	8	60	6	8	6	4	2										
23	07	9810	38	38	37	29	06	01	9	47	6	8	6	6											
23	10	9801	39	39	39	30	04	01	9	45	4	8	6	6			7								
23	13	9781	39	39	39	30	04	01	9	45	4	8	6	6			7								
23	16	9784	38	38	38	28	14	03	9	43	4	8	6	6			7								
23	19	9818	36	36	36	26	28	16	7	50	5	7	6	6			6			27	47	354	051	40	36
23	22	9849	36	36	36	26	28	16	8	51	5	8	6	6			6								
24	01	9864	36	36	36	27	24	16	5	10	5	5	6	6	2	0	6								
24	04	9861	37	37	37	31	10	16	8	60	2	8	6	6	2		7								
24	07	9832	39	39	39	31	25	40	8	60	6	8	6	5	2	7	7		7						
24	10	9843	40	39	39	32	20	64	8	05	3	4	5	5	3		7		7						
24	13	9836	40	39	38	34	22	80	7	05	2	1	5	4	0	7	7								
24	16	9808	40	40	40	34	22	08	8	61	6	8	6	2			7								
24	19	9800	39	39	39	32	22	80	4	21	6	4	5	5	0	0	7			28	32	442	010	41	35
24	22	9801	38	38	38	32	15	80	3	05	2	3	5	5	0	0	7								
25	01	9788	39	39	39	32	12	02	9	45	4	8	6	6	0		7								
25	04	9764	37	37	37	32	05	02	9	45	4	8	6	6	0		7								
25	07	9742	39	39	39	03	05	00	9	47	4	8	6	6	0		7								
25	10	9729	39	39	39	36	14	01	9	45	4	8	6	6	0		8								
25	13	9710	39	38	37	32	16	64	6	05	5	6	6	6	4		7								
25	16	9685	38	37	35	34	10	80	8	03	1	1	6	6	4	7	7		7						
25	19	9653	37	38	37	33	22	80	5	05	6	3	6	6	4	3	7		7						
25	22	9666	37	36	34	32	30	81	3	02	0	3	5	4	0	0	7			31	40	378	010	39	36
26	01	9673	37	36	34	31	18	81	2	02	0	2	5	4	0	0	7								
26	04	9656	37	37	37	33	15	80	4	05	0	4	6	3	0	0	7								
26	07	9654	37	36	36	32	03	80	8	05	2	0	6	3	0	7	7		8						
26	10	9653	37	36	34	34	12	80	8	05	2	0	6	3	9	7	7								
26	13	9656	38	37	35	32	05	81	7	02	2	0	6	3	9	7	3	2							
26	16	9679	37	36	35	29	06	81	8	02	2	0	5	2	9	7			6		7				
26	19	9711	34	33	31	25	15	80	4	05	2	5	4	2	9	7	0	0	5						
26	22	9735	33	32	30	26	28	40	6	06	8	6	6	2	9	7	0	0	5	27	52	599	006	39	32
27	01	9750	33	33	33	26	28	40	6	86	8	6	2	2	9	7	0	0	5						
27	04	9761	35	34	32	26	30	40	4	84	8	4	8	2	9	7	0	0	5						
27	07	9782	34	33	31	26	30	80	8	26	8	8	8	2	9	7			5						
27	10	9800	35	34	32	27	34	80	7	85	8	8	7	2	9	7			6						
27	13	9815	34	33	32	26	25	80	7	85	8	8	6	2	9	7	0	1	6						
27	16	9824	35	34	31	27	25	80	8	26	8	8	7	2	9	7	0	0	6						
27	19	9832	36	36	35	29	15	80	3	05	8	6	3	2	9	7	0	0	6	27	47	488	009	37	31
27	22	9849	35	35	33	27	25	80	6	15	8	6	6	2	9	7									

Results of Surface Observations, Macquarie Island, August, 1954

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
28	01	9873	35	34	32	27	27	80	6	85	8	6	8	5	0	0	6								
28	04	9892	36	34	30	27	27	80	8	26	8	8	8	5			5								
28	07	9881	36	35	35	30	20	40	8	50	5	8	6	4			7								
28	10	9862	39	38	37	31	20	40	8	62	6	8	6	4			7								
28	13	9877	40	38	35	28	25	80	5	05	6	5	5	5	0	0	6								
28	16	9891	39	38	37	29	24	80	3	05	1	1	6	4	0	5	6		6						
28	19	9882	39	38	37	31	22	24	8	50	2	8	6	4			7								
28	22	9853	39	39	39	31	27	24	8	61	6	8	7	2			7			26	43	609	006	40	34
29	01	9843	40	40	40	31	26	64	8	21	6	8	6	3			7								
29	04	9824	40	40	40	31	33	24	8	53	6	8	6	3			7								
29	07	9805	40	40	40	32	33	40	8	60	6	5	6	3	7		7								
29	10	9788	40	40	40	32	32	16	8	50	6	8	6	2			7								
29	13	9767	38	38	37	30	25	40	7	05	6	7	5	4			7								
29	16	9775	38	37	36	31	25	80	6	25	8	4	8	4	3	0	7	7							
29	19	9771	36	36	36	31	15	80	5	05	8	5	5	4	0	0	7								
29	22	9750	38	37	36	31	20	80	3	05	0	3	5	4	0	0	7			32	48	653	018	41	36
30	01	9751	37	37	37	30	03	40	7	05	2	7	5	4			7								
30	04	9770	36	36	36	22	10	08	8	53	5	8	6	2			7								
30	07	9840	33	32	30	18	28	81	6	26	8	6	8	5	0	0	4								
30	10	9910	31	29	23	20	30	80	8	65	8	8	8	5			5								
30	13	9985	28	25	18	18	28	80	8	26	8	8	8	5			4								
30	16	0051	27	24	18	18	30	80	8	05	8	8	5	5			4								
30	19	0106	30	26	17	18	22	80	8	05	2	8	5	5			4								
30	22	0124	32	27	15	27	17	80	8	05	2	8	5	5			5			19	47	523	007	37	27
31	01	0127	33	28	16	27	23	80	8	05	2	8	5	5			6								
31	04	0105	35	33	26	29	28	80	8	05	2	8	5	5			6								
31	07	0062	37	37	36	32	32	40	8	63	6	8	6	3			7								
31	10	0073	39	39	39	28	24	64	7	21	6	7	6	3			6								
31	13	0108	38	38	37	28	24	80	1	01	1	1	6	4			6								
31	16	0132	37	37	36	26	18	80	6	03	1	1	6	4	0	1	6								
31	19	0157	36	36	36	27	16	80	3	02	1	1	6	4	0	8	6								
31	22	0162	35	35	35	28	25	80	8	02	2	8	6	4			6			31	48	601	009	40	32

Results of Surface Observations, Macquarie Island, September 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	01	0166	37	37	37	28	16	08	8	10	2	8	6	1			6								
01	04	0174	38	38	38	32	15	64	8	05	2	8	6	3			7								
01	07	0174	38	38	38	33	17	64	8	60	6	8	6	4			7								
01	10	0162	39	38	37	33	23	80	8	05	2	8	5	5			7								
01	13	0141	39	39	39	33	29	24	8	61	6	5	6	3	2		7								
01	16	0132	40	40	40	33	29	24	8	61	6	8	7	3			7								
01	19	0128	40	40	40	33	26	32	8	10	6	8	6	3			7								
01	22	0109	40	40	40	33	30	08	8	51	5	8	6	2			7			33	40	451	001	41	37
02	01	0092	40	40	40	33	31	08	8	58	5	8	6	2			7								
02	04	0077	40	40	40	32	31	08	8	58	5	8	6	2			7								
02	07	0084	40	40	40	32	27	08	8	53	5	8	6	1			7								
02	10	0086	40	40	40	32	25	08	8	61	6	8	6	1			7								
02	13	0088	39	39	39	29	10	01	9	45	4	8	6	0			8								
02	16	0106	39	39	39	30	10	01	9	45	4	8	6	0			8								
02	19	0126	39	39	39	32	05	01	9	45	4	8	6	0			8								
02	22	0130	39	39	39	32	05	01	8	51	4	8	6	0			8			32	40	708	021	41	38
03	01	0132	39	39	39	32	11	02	9	43	4	8	6	0			8								
03	04	0125	39	39	39	32	15	02	9	45	4	8	6	0			8								
03	07	0131	39	39	39	32	12	01	9	45	4	8	0	0			8								
03	10	0126	40	40	40	31	13	04	9	43	4	8	6	0			7								
03	13	0094	40	40	40	32	18	00	9	45	4	8	6	0											
03	16	0078	39	39	39	33	12	40	8	28	4	7	5	6			7								
03	19	0048	41	40	39	36	15	80	5	05	1	5	5	7			7								
03	22	0016	41	41	40	35	26	64	8	05	2	8	6	4			7			36	44	284	022	42	38
04	01	9966	41	41	41	34	25	40	8	60	6	8	6	3			7								
04	04	9927	40	40	40	34	17	40	8	05	6	8	6	3			7								
04	07	9902	41	41	41	36	22	64	8	05	2	8	6	3			8								
04	10	9863	41	41	41	36	28	24	8	61	6	7	7	3	2		8								
04	13	9808	41	41	40	34	24	16	8	58	6	6	6	2	2		8								
04	16	9784	39	38	36	30	30	40	8	21	6	6	8	4	3		7								
04	19	9793	36	35	33	28	28	80	7	05	2	7	8	5			6								
04	22	9815	33	32	30	26	28	80	8	85	8	8	8	5			6			35	52	493	006	41	31
05	01	9856	29	28	26	22	20	08	8	73	8	8	0	4	2		5								
05	04	9897	30	28	24	22	20	40	4	85	8	4	2	5	0	0	5								
05	07	9932	29	27	23	26	30	80	5	27	8	5	9	5	0	0	5								
05	10	9940	30	29	26	29	30	80	6	86	8	6	9	4	0	0	6								
05	13	9928	32	30	27	29	30	80	6	26	8	3	9	5	0	0	6								
05	16	9929	31	30	28	29	30	80	7	26	8	5	9	5	0	0	6								
05	19	9959	32	30	25	27	12	80	7	26	8	7	8	5			5								
05	22	9962	33	29	21	27	20	80	8	05	2	8	5	5			6			28	47	584	008	35	28
06	01	9941	35	34	32	30	22	80	8	05	2	8	5	5			6								
06	04	9905	37	36	35	30	26	40	8	61	6	8	6	4			7								
06	07	9918	35	35	34	27	26	64	8	80	6	3	2	4	1		6	7							
06	10	9945	33	29	22	24	20	24	8	85	8	8	8	5			6								
06	13	9974	31	27	18	24	16	80	7	05	8	7	8	5			6								
06	16	9994	32	28	19	27	21	80	8	02	2	5	5	7			6								
06	19	9996	32	28	19	27	24	80	8	02	2	8	8	5			6								
06	22	9986	32	28	19	28	29	80	8	02	8	8	5	5			6			27	46	599	009	37	30
07	01	9953	34	31	25	29	32	80	5	02	1	5	5	5	0	0	6								
07	04	9939	30	27	21	27	35	04	8	86	8	8	8	5			6								
07	07	9917	33	30	24	27	36	64	1	18	8	1	5	5	0	0	6								
07	10	9931	28	26	22	23	22	80	8	26	8	8	8	5			5								
07	13	9970	26	23	15	23	25	16	8	86	8	8	8	5			5								
07	16	0010	25	22	12	22	18	80	8	02	8	8	5	6			5								
07	19	0051	25	22	14	22	15	80	8	02	2	8	5	6			5								
07	22	0059	28	25	18	23	15	81	7	02	2	7	5	6			5			23	60	652	007	35	22
08	01	0046	32	30	26	28	15	80	8	05	2	8	5	5			6								
08	04	0026	35	33	29	28	30	80	8	05	2	8	5	5			6								
08	07	0010	35	34	32	28	30	80	8	05	2	8	5	4			6								
08	10	9985	37	35	30	32	30	80	6	05	2	6	6	5	0	0	7								
08	13	9941	37	36	34	30	27	80	6	25	8	6	8	5	0	0	7								
08	16	9914	38	37	36	30	30	64	8	58	6	5	5	5	4		7								
08	19	9872	38	37	36	30	36	80	7	25	8	4	6	4			6								
08	22	9824	39	38	37	30	37	80	7	25	8	4	6	4			6			28	68	533	002	39	29
09	01	9831	32	29	24	27	40	80	4	26	8	2	2	4	0	1	6								
09	04	9836	32	30	27	27	36	80	4	26	8	4	6	5	0	0	6								
09	07	9840	29	27	21	27	35	80	6	86	8	6	9	5	0	0	6								
09	10	9868	28	27	26	27	42	08	7	86	8	7	3	5			6								
09	13	9878	30	27	21	27	42	64	7	26	8	7	8	5			6								
09	16	9909	27	26	22	27	14	64	7	26	8	3	2	5			6								
09	19	9930	28	27	25	27	35	08	7	86	8	7	2	5			6								
09	22	9937	30	28	24	26	35	16	5	85	8	5	2	5			6			27	74	870	005	33	24

Results of Surface Observations, Macquarie Island, September 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	01	9950	30	28	25	27	30	40	7	26	8	4	2	5			6								
10	04	9971	29	28	26	27	32	08	8	88	8	8	2	5			6								
10	07	0002	33	31	28	27	32	80	8	27	8	6	8	5	3	2	6								
10	10	0036	33	31	27	26	30	40	7	85	8	7	8	5			6								
10	13	0037	35	33	29	27	26	80	8	05	2	8	5	5			6								
10	16	0029	36	34	30	28	33	80	8	05	2	8	5	5			6								
10	19	0002	37	37	37	30	33	24	8	50	2	8	6	3			7								
10	22	0000	39	39	38	30	32	40	8	10	5	8	6	4			7			27	68	768	006	40	28
11	01	0000	39	38	37	29	32	40	8	10	5	8	5	4			6								
11	04	9989	39	39	39	30	32	24	8	50	5	8	6	3			7								
11	07	9988	39	39	39	30	30	24	8	51	5	8	6	3			7								
11	10	9979	40	39	39	32	30	64	8	05	5	3	6	4	7		7	7							
11	13	9968	40	39	37	32	35	64	8	20	5	6	6	4	7		7	7							
11	16	9967	40	39	38	32	31	40	8	05	2	8	6	4			7								
11	19	9958	40	40	39	32	31	24	8	51	5	8	6	3			7								
11	22	9943	41	40	39	32	36	24	8	61	6	8	6	3			7			31	51	790	000	41	38
12	01	9939	40	40	39	32	31	24	8	50	6	8	6	3			7								
12	04	9931	40	40	40	32	32	24	8	58	6	8	6	3			7								
12	07	9937	40	40	40	32	30	08	9	45	5	8	6	0			7								
12	10	9930	41	41	40	32	32	24	8	05	5	8	6	1			7								
12	13	9921	42	41	40	32	33	64	8	05	2	8	6	2			7								
12	16	9923	41	40	39	32	33	24	8	20	5	8	6	2			7								
12	19	9937	40	40	40	32	26	24	8	50	5	8	6	2			7								
12	22	9926	40	40	40	32	29	40	8	20	5	8	6	3			7			32	42	834	013	42	40
13	01	9915	41	40	39	32	32	40	8	20	5	8	6	3			7								
13	04	9888	41	40	39	32	32	64	8	05	2	8	6	4			7								
13	07	9870	41	40	39	32	34	64	8	05	2	8	6	3			7								
13	10	9852	41	40	39	32	34	64	8	05	2	5	6	4	7		7								
13	13	9877	35	34	32	29	20	64	8	70	8	4	6	4	2		6								
13	16	9882	37	36	34	31	25	81	7	01	2	2	5	4	3		7								
13	19	9897	35	34	32	31	25	80	6	85	4	2	5	3	0		6								
13	22	9914	33	32	30	29	28	08	7	86	8	4	9	5			6			28	53	831	002	41	31
14	01	9930	34	32	28	29	32	81	4	02	8	4	2	5	0	0	6								
14	04	9848	36	35	34	32	45	16	8	61	6	8	7	4			7								
14	07	9930	37	36	34	27	28	81	7	02	6	4	5	5	3		6								
14	10	9965	37	36	34	27	30	80	7	27	8	7	8	4			6								
14	13	0002	38	36	33	29	26	80	4	05	1	4	5	5	0	0	6								
14	16	0015	38	38	37	32	18	64	8	05	3	8	6	4			7								
14	19	0005	40	40	40	32	31	64	7	50	5	7	6	4			7								
14	22	9992	40	40	40	32	35	64	8	50	5	8	6	4			7			33	64	697	009	40	32
15	01	9958	40	40	40	32	37	64	8	52	5	8	6	4			7								
15	04	9935	41	40	39	32	40	64	8	52	5	8	6	4			7								
15	07	9970	39	38	35	30	40	80	5	15	8	5	8	4	0	0	6								
15	10	9996	39	37	34	29	39	40	7	05	1	0	0	9	3		6								
15	13	0028	38	36	33	29	36	64	7	05	1	1	5	6	0	1	6								
15	16	0046	37	34	29	29	34	64	4	05	1	1	8	6	0	1	6								
15	19	0079	36	32	24	27	32	80	1	05	8	1	5	5	0	0	6								
15	22	0110	34	32	28	27	30	80	1	26	8	1	8	5	0	0	6			30	71	810	006	41	30
16	01	0147	33	30	25	25	30	80	4	26	8	4	8	5	0	0	5								
16	04	0178	35	32	28	25	20	80	5	02	1	5	5	6	0	0	5								
16	07	0185	35	32	27	33	04	64	8	05	1	0	0	9	0	7									
16	10	0172	35	33	28	35	15	80	8	05	2	0	0	9	1	7		7	7						
16	13	0101	37	35	31	35	30	80	8	05	2	0	0	9	2			7							
16	16	0013	40	39	39	35	34	24	8	61	6	8	0	4	2		7								
16	19	9953	42	42	42	33	42	08	8	61	6	8	0	2	2		7								
16	22	9924	41	41	41	32	42	08	8	63	6	8	0	2	2		7			33	57	628	001	42	29
17	01	9939	39	39	39	29	25	08	8	51	6	8	6	2			6								
17	04	9980	35	33	29	26	25	81	7	25	8	6	5	5	3		6								
17	07	0018	35	33	29	26	26	81	8	02	2	8	5	5			6								
17	10	0054	35	31	21	27	30	80	8	05	2	8	5	5			6								
17	13	0101	35	31	24	26	20	80	8	85	8	8	8	5			6								
17	16	0152	33	30	24	26	12	80	8	05	8	8	8	6			6								
17	19	0198	33	29	21	24	10	80	8	05	2	8	5	6			6								
17	22	0226	32	29	25	25	10	80	8	05	2	8	5	5			6			27	41	816	020	41	32
18	01	0248	32	29	25	29	07	80	8	05	2	8	5	5			6								
18	04	0251	32	29	21	29	10	80	8	05	2	8	5	5			6								
18	07	0256	33	30	25	34	07	80	8	05	2	8	5	5			7								
18	10	0253	34	31	25	32	09	80	8	02	2	8	5	5			7								
18	13	0235	35	34	32	35	09	80	8	02	2	8	5	5			7								
18	16	0214	35	34	33	34	04	80	8	02	2	5	6	4			7								
18	19	0185	37	36	35	36	12	80	6	02	2	4	6	4			7								
18	22	0160	37	36	33	01	15	80	5	05	1	3	6	4	0	0	8			36	28	291	000	38	32

Results of Surface Observations, Macquarie Island, September 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	01	0119	38	37	36	00	00	80	88	02	26	88	66	44			7								
19	04	0044	39	39	39	34	21	24	88	60	56	88	66	01			7								
19	07	0012	41	41	41	33	31	08	88	06	56	88	66	22			7								
19	10	9980	41	41	41	33	32	08	88	51	66	88	66	24			7								
19	13	9906	42	42	41	34	30	24	88	59	66	88	66				7								
19	16	9840	41	41	41	33	30	24	88	60	66	88	66				7								
19	19	9772	41	41	41	33	35	24	88	60	66	88	66				7			27	53	368	004	43	35
19	22	9820	38	37	36	29	32	24	88	60	66	88	66	24			7								
20	01	9844	35	34	33	29	22	24	87	51	68	87	68	44	0	0	6								
20	04	9862	36	35	33	27	22	40	73	26	81	83	85	46			6								
20	07	9872	37	35	32	28	24	81	86	02	12	34	82	52	0	2	6								
20	10	9880	37	36	33	29	19	80	67	03	28	78	35	54			6		6						
20	13	9897	37	37	36	27	20	80	78	26	22	88	55	44			6								
20	16	9939	37	35	35	26	20	80	78	26	82	88	55	44			6								
20	19	9976	36	36	35	27	22	80	78	57	22	88	55	44			6			27	45	694	032	38	33
20	22	9987	36	36	36	29	28	80	78	05	22	88	55	44			6								
21	01	9955	37	36	34	30	30	80	88	05	25	88	55	44			7								
21	04	9908	40	39	38	30	40	40	88	25	51	87	55	44			7								
21	07	9902	39	39	39	29	35	32	87	51	05	75	55	45	0	8	7								
21	10	9900	40	39	39	29	40	64	76	05	05	66	58	55			7								
21	13	9902	40	39	39	29	40	64	68	05	05	86	55	55			7								
21	16	9922	38	37	37	28	35	40	88	05	05	66	55	55			7								
21	19	9954	38	37	37	28	33	64	88	05	12	86	55	55			6			29	57	743	003	40	36
21	22	9959	37	36	34	29	30	64	88	05	22	88	55	55			6								
22	01	9944	33	33	33	29	16	08	88	70	27	88	56	54			6								
22	04	9896	40	40	40	29	32	08	88	51	55	88	66	43			6								
22	07	9888	40	40	40	29	36	24	88	50	55	88	66	32			6								
22	10	9886	40	40	39	29	35	24	88	50	55	88	66	32			6								
22	13	9889	40	40	40	29	33	24	88	53	55	88	66	32			6								
22	16	9889	40	40	40	29	29	24	88	10	56	88	66	32			6								
22	19	9894	40	40	40	29	29	24	88	58	56	88	66	32			6			29	52	823	004	41	33
22	22	9878	40	40	40	29	34	08	88	58	56	88	66	32			6								
23	01	9856	41	41	41	31	32	08	88	62	66	88	66	24			7								
23	04	9830	41	40	40	31	32	40	88	05	65	88	66	33			7								
23	07	9813	41	41	40	31	32	16	88	50	55	88	66	33			7								
23	10	9785	41	40	39	32	38	24	88	50	55	88	66	33			7								
23	13	9724	41	40	39	32	41	24	88	51	55	88	66	33			7								
23	16	9676	41	41	40	32	34	24	88	57	55	88	66	34			7								
23	19	9765	32	31	31	18	22	64	88	77	58	87	65	35			7			31	52	922	003	42	29
23	22	9859	30	26	26	25	22	80	87																
24	01	9889	29	25	25	27	18	80	47	26	88	47	82	55	0	0	0								
24	04	9917	32	29	29	25	30	80	78	85	88	78	88	54			5								
24	07	9949	33	29	29	25	28	80	86	85	88	61	85	55			5								
24	10	9982	30	29	29	27	29	08	86	86	88	10	55	55			5								
24	13	0005	35	32	32	28	20	80	11	02	88	10	50	55	0	0	5								
24	16	0021	35	32	32	27	08	80	13	01	88	10	55	55		0	5								
24	19	0040	32	30	30	25	03	80	13	01	88	10	55	55		0	5			26	56	691	020	35	27
24	22	0025	34	32	32	27	04	80	13	03	81	10	50	55		0	6								
25	01	0004	34	32	27	07	06	80	88	02	22	88	06	94		2	9								
25	04	9970	35	35	34	11	20	80	88	02	22	88	65	45			9								
25	07	9958	34	34	33	11	26	80	88	02	22	88	55	55			9								
25	10	9969	34	33	32	13	28	80	88	05	22	88	55	55		3	9								
25	13	9993	36	34	30	13	28	80	88	05	21	88	55	55		3	9								
25	16	0022	36	34	30	13	22	80	88	05	11	88	55	55		3	9								
25	19	0068	34	33	30	13	08	80	88	05	11	88	55	55		3	9			13	36	347	001	36	33
25	22	0084	34	33	30	00	00	80	88	03	11	88	55	55		3	9								
26	01	0081	35	34	32	34	17	80	88	00	02	88	65	55	0	0	0								
26	04	0064	37	35	32	33	28	80	84	05	26	88	55	54			0								
26	07	0031	39	38	37	34	30	40	88	06	65	88	66	43		2	0								
26	10	0002	40	39	39	33	38	24	88	01	55	88	66	33			0								
26	13	9964	41	41	41	32	31	24	88	53	55	88	66	32			0								
26	16	9954	41	41	41	32	33	24	88	59	56	88	66	24			0								
26	19	9899	41	41	41	32	35	24	88	68	56	88	66	24		2	0			29	51	518	001	42	34
26	22	9918	34	34	34	27	13	24	88	68	56	88	66	24		2	0								
27	01	9909	36	35	33	32	27	80	88	84	88	21	22	55	0	0	0								
27	04	9895	37	36	32	30	27	80	88	26	88	64	28	54		0	0								
27	07	9887	37	36	34	31	26	80	88	16	88	32	55	55		0	1								
27	10	9890	36	36	35	29	30	80	88	26	88	67	58	55		0	0								
27	13	9918	38	36	30	29	36	80	86	05	81	78	86	56		3	0								
27	16	9951	37	36	33	29	33	64	86	05	88	86	86	54		3	0								
27	19	9979	38	36	33	29	29	64	86	05	86	88	86	64		3	0			33	65	771	034	39	33
27	22	9960	36	36	36	32	20	16	86	68	86	86	86	67		3	0								

Results of Surface Observations, Macquarie Island, September 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
28	01	9900	40	40	40	32	36	16	8	61	6	8	0	4	2		7								
28	04	9921	40	39	39	30	27	64	8	05	6	8	6	3			7								
28	07	9917	40	40	40	31	23	08	8	53	5	8	6	2			7								
28	10	9894	40	40	40	31	28	82	8	61	6	8	6	3			7								
28	13	9847	41	40	40	31	30	24	8	61	6	8	6	3	2		7								
28	16	9837	40	39	38	29	28	40	8	21	6	8	6	4	2		6								
28	19	9878	39	39	39	27	30	08	8	53	6	8	5	2	3		6								
28	22	9935	38	37	37	26	30	40	8	50	5	8	5	4			6			26	51	725	025	41	36
29	01	0000	36	35	34	19	14	40	7	63	5	7	8	4			5								
29	04	0045	35	34	32	25	10	40	7	26	8	7	8	5			5								
29	07	0062	37	36	34	29	15	80	7	05	8	8	5	4			6								
29	10	0053	36	35	34	30	25	64	8	05	8	6	6	1			7								
29	13	0020	41	41	40	30	28	24	8	05	2	8	6	1			7								
29	16	0022	41	41	41	29	26	08	8	51	5	8	6	1			7								
29	19	0013	41	40	40	30	26	08	8	51	5	8	6	1			7								
29	22	9991	41	40	40	31	28	24	7	50	5	8	6	3			7			30	38	570	022	41	35
30	01	9971	41	41	41	31	28	16	8	50	5	8	6	3			7								
30	04	9953	41	41	41	31	26	08	8	10	5	8	6	1			7								
30	07	9934	42	41	41	31	30	08	8	51	5	8	6	2			7								
30	10	9932	42	42	42	31	32	08	8	51	5	8	6	4			7								
30	13	9952	42	41	40	29	29	40	6	05	5	8	6	4			7								
30	16	9990	40	39	38	28	26	80	1	05	1	4	5	4			6								
30	19	0029	39	37	34	28	22	80	3	05	1	1	5	4			6								
30	22	0048	38	37	35	29	17	80	6	05	1	6	5	5	0	0	6			30	43	735	004	42	37

Results of Surface Observations, Macquarie Island, October, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St. miles	Points	°F	°F
01	01	0051	38	37	36	30	17	64	3	05	2	3	5	4	0	0	6								
01	04	0030	39	38	37	31	17	64	8	05	2	8	5	4			7								
01	07	0007	39	39	39	31	23	64	8	05	2	6	6	4			7								
01	10	0003	39	39	39	28	18	80	8	05	6	6	4	5	7		6								
01	13	0020	40	38	35	26	26	81	5	02	1	8	5	3	0	0	6								
01	16	0038	38	35	31	26	29	81	3	02	8	3	4	2	0	0	6								
01	19	0064	37	35	32	26	26	81	4	26	8	4	3	2	0	0	6								
01	22	0086	37	35	32	26	28	81	3	02	0	3	3	1	0	0	6			26	46	567	002	40	35
02	01	0101	37	35	32	26	28	80	3	05	0	3	1	0	0	0	6								
02	04	0103	36	35	33	27	22	80	4	05	1	3	1	0	0	0	6								
02	07	0097	38	37	35	29	24	80	5	05	1	4	2	0	0	8	6								
02	10	0085	39	36	31	32	18	81	1	02	0	0	0	0	0	1	6								
02	13	0050	39	36	32	32	22	81	1	02	0	0	0	0	0	0	6								
02	16	0007	39	36	32	32	22	81	8	02	0	0	0	0	0	0	6								
02	19	9967	37	35	32	32	22	81	0	02	0	0	0	0	0	0	6								
02	22	9920	38	36	33	32	25	81	8	03	2	8	6	5			7			26	42	611	001	39	35
03	01	9899	38	36	33	29	25	81	8	02	2	8	6	5			7								
03	04	9905	36	33	27	27	35	80	7	27	8	7	6	4			7								
03	07	9933	32	30	26	26	25	64	8	85	8	8	2	4			6								
03	10	9950	34	32	28	27	27	64	7	26	8	7	8	5											
03	13	9958	35	33	29	28	21	64	7	26	8	3	8	5	3										
03	16	9955	38	35	30	29	26	80	6	03	1	1	5	3	3	1									
03	19	9917	40	39	38	30	33	80	5	02	1	1	0	0	3										
03	22	9889	40	40	39	31	37	24	8	60	1	8	6	4						30	55	584	007	41	30
04	01	9859	41	40	39	30	40	24	8	60	6	8	6	4											
04	04	9829	41	40	39	31	39	24	8	60	6	8	6	3											
04	07	9803	41	40	39	31	40	24	8	63	6	8	6	4											
04	10	9812	41	40	39	29	40	24	8	62	6	8	7	4	2		6								
04	13	9948	39	36	31	27	32	40	8	05	6	5	1	1	3	7	6	7							
04	16	9866	38	35	30	28	28	80	6	05	1	5	3	2	0	2	6		6						
04	19	9880	38	36	33	29	30	81	3	00	0	3	2	1	0	0	6								
04	22	9897	38	36	33	28	32	80	2	05	0	2	5	5	0	0	6			30	59	909	005	41	36
05	01	9919	35	33	29	27	26	80	3	26	0	3	4	2	0	0	6								
05	04	9949	38	36	33	28	25	80	4	05	9	4	4	1	0	0	6								
05	07	9960	38	36	33	30	22	80	4	05	1	4	5	5	0	0	6								
05	10	9949	40	38	35	32	26	80	8	05	2	4	5	5	0	7	7		7						
05	13	9901	40	39	38	33	30	64	8	50	2	8	6	4			7								
05	16	9844	41	40	39	32	35	24	8	53	5	8	6	2			7								
05	19	9799	42	41	39	32	40	24	8	53	5	8	6	3			7								
05	22	9785	42	41	39	32	40	24	8	52	5	8	6	4			7			32	56	709	002	43	34
06	01	9751	42	41	39	32	40	16	8	53	5	8	6	3			7								
06	04	9740	42	41	40	32	42	10	8	55	5	8	6	2			7								
06	07	9763	42	40	36	32	36	64	8	25	8	3	6	4	3		7								
06	10	9818	40	36	29	29	40	64	3	05	1	3	8	2	0	0	6								
06	13	9884	39	36	31	28	35	80	1	27	1	1	2	2	0	0	6								
06	16	9916	40	36	29	29	34	80	3	02	1	0	0	0	0	8			7						
06	19	9945	39	37	34	31	29	80	0	02	1	0	0	0	0	0	7								
06	22	9939	40	38	35	32	38	80	8	05	1	0	0	0	0	7			7	29	65	973	022	43	34
07	01	9999	35	34	32	27	10	80	0	05	6	0	0	0	0	8									
07	04	0005	36	35	33	36	10	80	4	05	1	2	6	4	3	8		7							
07	07	9992	40	39	38	36	20	80	8	05	2	6	5	4			7								
07	10	9960	41	39	36	35	26	80	8	05	2	3	5	5	7		7								
07	13	9875	41	40	39	35	29	24	8	10	6	8	6	2			8								
07	16	9851	41	40	39	31	22	08	8	63	6	8	7	3	2		7	7							
07	19	9842	40	37	32	31	26	80	7	05	2	7	4	2			7								
07	22	9859	38	35	30	29	23	80	5	05	0	4	1	0	3	0	6			35	57	677	003	43	34
08	01	9862	38	36	30	30	20	80	3	05	1	3	5	5	0	0	6								
08	04	9859	38	36	33	32	22	80	4	05	1	2	1	0	3	1	7	7	7						
08	07	9855	39	37	34	33	18	81	6	03	0	0	0	0	0	2	7		7						
08	10	9829	41	38	34	33	23	81	6	02	2	0	0	0	0	2	7		7						
08	13	9786	41	39	36	34	19	80	8	16	2	0	3	0	3		8								
08	16	9753	38	37	35	32	25	40	8	61	2	6	5	5			7								
08	19	9759	36	35	34	27	12	80	8	05	6	6	6	3	1		6								
08	22	9758	35	33	30	00	00	80	5	05	0	5	1	4	0	0	5			33	47	630	013	42	35
09	01	9756	34	32	29	00	00	80	8	05	2	8	8	5			5								
09	04	9741	36	33	27	14	15	80	8	05	2	8	2	5	3	7	3								
09	07	9758	36	34	29	18	12	80	8	05	2	8	7	5	0	8	4								
09	10	9778	37	34	29	18	11	80	7	02	2	7	3	5	3	0	5								
09	13	9803	37	34	29	27	15	80	8	02	2	8	5	5	5		5								
09	16	9826	35	33	28	27	18	80	8	27	2	8	1	2	5		5								
09	19	9841	36	35	28	31	14	80	6	02	2	6	3	5	5		6			30	36	374	013	40	33
09	22	9836	35	33	29	27	22	80	6	26	8	6	6	5											

Results of Surface Observations, Macquarie Island, October, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	01	9839	35	32	26	27	27	80	4	02	1	4	8	9	0	0	6								
10	04	9837	35	33	29	29	18	80	8	02	2	5	5	3			6								
10	07	9825	36	35	32	31	14	80	8	02	2	8	8	9			6								
10	10	9806	35	35	35	35	10	24	8	71	7	5	6	3	2		8								
10	13	9743	40	40	40	32	20	40	8	20	7	5	6	3	3	8	7								
10	16	9704	40	39	39	33	25	24	8	61	6	6	6	3	7		7								
10	19	9650	40	40	40	33	27	24	8	60	6	6	6	2			7								
10	22	9603	39	38	37	31	30	80	7	21	6	3	6	4	3		7	7		33	46	455	002	41	33
11	01	9604	39	38	37	31	32	80	3	05	1	3	1	9	0	0	7								
11	04	9585	38	36	34	33	26	80	7	05	1	3	6	4	3		7	7							
11	07	9579	36	36	33	32	28	81	3	15	1	3	9	5	0	0	7								
11	10	9567	37	35	32	30	30	81	7	26	8	4	3	4			7								
11	13	9608	38	35	30	27	24	81	3	02	2	3	5	6	0	0	6								
11	16	9614	37	35	32	30	24	81	4	26	8	3	8	5	3	0	6	6							
11	19	9622	35	33	30	30	29	80	6	86	8	6	3	9	0	0	6								
11	22	9631	32	31	29	30	40	16	8	86	8	8	3	4			6			29	58	676	012	40	31
12	01	9632	33	31	27	30	28	80	6	86	8	6	3	4	0	0	6								
12	04	9638	32	30	26	31	26	80	7	26	8	7	3	5			7								
12	07	9665	30	28	23	27	26	80	8	26	8	3	6	4	7		6	6							
12	10	9694	34	30	22	27	23	80	3	01	1	1	2	5	0	8	6								
12	13	9697	35	31	23	29	22	80	3	02	1	3	2	9	0	0	6								
12	16	9705	32	29	23	30	20	80	5	02	8	3	2	9	0	8	6								
12	19	9718	32	29	23	29	16	80	3	02	8	3	2	9	0	0	6								
12	22	9729	32	30	26	31	26	80	3	02	1	3	2	9	0	0	6			27	49	679	011	36	29
13	01	9757	31	28	22	18	06	80	2	02	1	2	2	9	0	0	5								
13	04	9801	30	27	21	18	14	08	8	86	8	8	2	9			5								
13	07	9840	33	30	24	17	14	80	4	02	8	4	2	9	0	0	5								
13	10	9868	35	31	24	16	22	81	5	02	1	5	1	9	0	0	4								
13	13	9903	38	35	30	22	12	81	6	15	1	5	1	9	0	0	5								
13	16	9932	35	33	29	21	14	80	7	85	8	7	8	9			5								
13	19	9960	33	31	27	21	14	80	7	85	8	7	8	9			5								
13	22	9986	32	29	24	22	10	81	7	02	2	7	5	9			5			19	29	596	003	38	28
14	01	0002	31	29	25	25	16	80	8	56	5	8	5	5			5								
14	04	0018	32	29	23	23	06	80	8	05	2	8	5	9			6								
14	07	0036	33	30	24	25	06	81	8	02	2	8	5	6			6								
14	10	0055	36	32	24	27	05	81	8	02	2	8	5	6			6								
14	13	0064	37	33	24	29	10	81	8	02	2	2	1	6	3		6	6							
14	16	0075	37	34	28	30	10	81	8	02	2	2	5	9	3		7	6							
14	19	0090	37	36	34	32	12	80	8	51	2	8	6	4			7								
14	22	0096	37	36	35	27	14	64	6	50	5	6	6	4	0	0	7			27	27	258	004	38	30
15	01	0100	36	35	28	27	22	64	6	50	5	6	6	3	0	0	6								
15	04	0092	37	37	37	29	18	64	8	51	5	8	6	3			6								
15	07	0088	39	39	39	30	16	64	8	51	5	8	6	3			6								
15	10	0078	40	40	40	29	19	24	8	50	5	8	6	3			6								
15	13	0046	41	40	39	29	27	24	8	50	5	8	6	3			6								
15	16	0029	40	40	40	29	24	24	8	50	5	8	6	2			6								
15	19	0047	39	38	36	27	30	64	8	20	5	8	6	4			6								
15	22	0058	38	38	37	26	31	24	7	50	5	7	6	4			6			27	51	387	005	41	35
16	01	0070	37	37	36	27	35	40	8	50	5	8	6	4			6								
16	04	0090	36	35	27	27	31	64	7	05	8	7	5	4			6								
16	07	0108	38	35	30	27	26	80	8	05	2	8	5	4			6								
16	10	0122	36	33	27	27	25	80	8	05	2	8	5	5			6								
16	13	0121	36	34	30	26	24	80	8	05	2	8	5	5			6								
16	16	0126	36	33	28	26	22	80	8	05	2	8	5	5			6								
16	19	0125	35	34	31	27	20	80	6	05	2	4	5	9	3	0	6	6							
16	22	0113	38	37	36	29	18	24	8	50	2	8	6	4			6			26	56	671	006	39	35
17	01	0097	39	38	37	30	20	24	8	50	5	8	6	4			7								
17	04	0079	39	39	38	30	25	40	8	05	5	5	6	4			7	7							
17	07	0071	40	39	38	31	24	80	8	05	2	3	6	4	7		7	7							
17	10	0054	40	39	38	32	23	64	8	05	2	3	6	3	7		7	7							
17	13	0028	41	40	39	32	26	64	8	20	2	5	6	4	1		7	7							
17	16	0006	41	40	39	32	24	12	8	05	2	8	6	3			7								
17	19	9988	42	41	40	32	30	12	8	05	2	8	6	3			7								
17	22	9962	41	41	41	32	30	08	8	50	5	8	6	2			7			31	42	555	001	42	37
18	01	9942	41	41	41	32	29	08	8	50	5	8	6	2			7								
18	04	9915	42	41	41	32	30	08	8	51	5	8	6	2			7								
18	07	9888	41	41	41	32	28	08	8	61	6	8	6	2			7								
18	10	9863	42	42	41	32	30	16	8	61	6	8	6	2			7								
18	13	9861	41	41	40	31	16	08	8	61	6	8	6	1			7								
18	16	9884	42	41	40	25	04	80	7	02	6	4	6	4	3	8	6	6							
18	19	9906	39	38	37	00	00	40	1	05	1	0	0	9	3	0	6	6							
18	22	9914	39	38	37	32	03	64	8	05	2	8	5	9			7			32	41	736	032	43	38

Results of Surface Observations, Macquarie Island, October, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	01	9901	39	38	37	00	00	40	38	05	12	38	56	50	0	0	7								
19	04	9893	36	36	36	36	02	08	88	05	44	88	66	02											
19	07	9865	39	39	39	34	07	03	98	45	44	88	66	02			8								
19	10	9850	40	39	38	35	07	08	88	10	44	85	66	33	3		7	7							
19	13	9811	41	40	38	32	10	32	88	05	42	86	68	56			7								
19	16	9797	40	39	38	33	17	24	88	61	82	86	68	56	3	0	6	7							
19	19	9838	37	35	31	27	25	80	83	25	82	63	85	56	0	0	6			27	46	192	009	41	35
19	22	9866	37	33	27	27	24	81	3	01	2														
20	01	9877	37	35	32	29	20	81	24	01	18	24	52	59	0	0	6								
20	04	9886	36	34	30	29	22	88	43	26	80	43	55	59	0	0	6								
20	07	9884	39	37	34	32	25	80	33	05	02	06	50	69	0	4	6		6						
20	10	9859	40	37	34	33	30	80	38	05	02	67	07	69	2		7								
20	13	9784	40	38	36	33	44	08	88	61	02	66	76	44	3		7								
20	16	9771	41	39	38	30	25	12	88	21	26	86	65	44	0	0	6								
20	19	9807	39	38	37	29	17	40	66	25	88	88	85	55	0	0	6			32	60	524	011	41	34
20	22	9866	37	34	28	26	26	40	6	25	8														
21	01	9906	38	34	28	27	25	80	86	05	82	86	55	55			6								
21	04	9932	38	36	33	29	17	80	68	05	22	67	58	55	0	0	6								
21	07	9929	39	38	37	32	26	16	88	05	02	08	06	59	3		6		6						
21	10	9903	40	39	37	33	30	64	88	05	02	87	07	49	7		7								
21	13	9810	41	41	41	33	43	08	88	63	02	88	67	54	2		7								
21	16	9805	41	40	39	31	30	40	78	05	68	78	75	54	0	0	6								
21	19	9820	40	38	35	28	35	40	88	05	82	88	55	55	3		6			33	58	723	004	42	37
21	22	9905	37	36	34	27	16	40	88	25	88														
22	01	9967	37	35	32	27	29	64	65	05	22	65	55	55			6								
22	04	9991	36	33	27	27	20	80	55	02	22	55	50	55			6								
22	07	9990	39	37	34	32	14	80	55	02	20	50	35	59	3		6		7						
22	10	9971	39	35	28	33	22	80	58	05	20	38	05	54	7	6	6		7						
22	13	9920	40	38	35	36	22	80	88	05	26	88	50	58	2		6								
22	16	9846	35	34	32	35	20	04	88	73	67	88	82	44			6								
22	19	9770	34	33	30	29	14	16	83	83	78	85	82	44	0	0	6			20	60	712	014	40	33
22	22	9740	37	36	34	26	30	16	85	81	78														
23	01	9830	33	31	29	22	25	16	88	84	88	88	85	45			5								
23	04	9930	31	28	22	20	25	80	88	26	82	88	55	56			5								
23	07	0002	32	28	19	20	20	81	88	02	22	87	58	56			5								
23	10	0043	34	30	22	24	15	80	87	02	22	73	55	63			5								
23	13	0079	36	31	22	26	21	80	73	02	22	28	56	34	0	0	5								
23	16	0085	37	33	25	29	19	80	28	01	22	88	66	55			5								
23	19	0076	36	36	35	31	30	08	88	53	55	88	66	34			5			19	67	502	047	40	30
23	22	0040	40	39	38	31	30	64	88	20	55														
24	01	0013	40	40	40	31	30	08	88	51	55	88	66	22			5								
24	04	9996	40	40	40	31	30	08	87	51	55	84	66	23			5								
24	07	0004	41	40	39	30	28	64	77	05	52	08	60	92	0	0	5	7							
24	10	9996	41	39	36	31	20	64	88	05	23	88	66	44	0	0	5								
24	13	9951	40	40	39	32	30	08	88	61	68	87	68	44			5								
24	16	9897	40	39	38	30	25	16	88	61	88	87	66	44			5								
24	19	9897	37	36	34	29	22	40	76	80	88	76	88	44			5			31	53	656	003	42	35
24	22	9893	38	37	36	28	24	40	6	25	88														
25	01	9901	37	36	33	28	27	80	2	05	82	88	56	44			5								
25	04	9907	37	35	32	28	27	64	86	05	29	23	68	44	0	0	5								
25	07	9930	37	36	33	28	26	64	65	25	88	35	88	45	1	2	5	6							
25	10	9955	37	35	29	27	28	80	68	87	82	48	88	55	3		5								
25	13	9996	37	34	29	26	30	80	88	05	88	88	85	55			5								
25	16	0019	38	35	30	26	29	80	88	05	88	88	58	55			5								
25	19	0035	37	35	32	27	25	80	88	05	83	88	58	55			5			27	50	651	027	39	34
25	22	0040	37	35	32	28	22	80	8	05	83														
26	01	0022	37	36	34	29	25	80	88	05	82	88	56	54			6								
26	04	9992	38	37	35	30	28	40	88	50	58	88	56	43			6								
26	07	9963	39	39	38	30	32	32	85	51	28	83	55	32	3		7	7							
26	10	9978	39	37	34	26	33	81	78	26	88	78	55	32			6								
26	13	9989	38	34	25	27	33	80	86	02	88	86	55	32			6								
26	16	0012	37	33	25	27	30	80	85	02	88	86	55	32			6								
26	19	0060	35	33	29	22	20	40	78	02	88	86	55	32			6			27	51	704	005	41	31
26	22	0088	35	31	23	27	17	40	6	26	88														
27	01	0115	34	31	25	27	16	80	35	26	82	88	55	55			5								
27	04	0142	35	32	26	27	24	80	88	05	22	58	55	53			5								
27	07	0170	36	32	24	27	18	80	88	05	22	86	55	53			5								
27	10	0196	37	33	24	26	27	80	88	05	22	86	55	53			5								
27	13	0213	38	34	25	27	22	80	88	05	22	86	55	53			5								
27	16	0217	38	34	27	28	22	80	88	05	22	86	55	53			5								
27	19	0227	37	34	29	27	24	80	88	05	22	86	55	53			5			27	46	587	005	39	33
27	22	0227	38	35	30	28	29	80	8	05	22														

Results of Surface Observations, Macquarie Island, October, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	01	0220	39	36	32	28	30	80	8	05	2	8	5	5			6								
28	04	0216	39	37	34	28	26	80	8	05	2	8	5	5			6								
28	07	0210	41	39	36	29	19	80	8	05	2	8	5	5			6								
28	10	0207	41	39	36	30	24	81	5	05	2	2	5	5	0	0	7	6							
28	13	0197	41	39	36	31	22	80	4	02	1	2	5	5	3			6							
28	16	0185	40	38	35	31	20	81	8	05	1	2	5	9	3			6							
28	19	0167	39	38	36	31	20	81	7	01	2	4	5	6	3		8	6							
28	22	0142	39	38	36	32	27	80	8	05	2	5	5	5	3		7	6		29	45	644	000	42	37
29	01	0110	39	38	37	33	24	80	8	05	2	5	5	5	3		7	7							
29	04	0073	39	38	37	33	24	80	8	05	2	4	6	4	3	8	7	7							
29	07	0040	40	39	38	32	26	80	8	05	2	3	6	4	3	8	7	7							
29	10	0011	41	39	36	33	29	80	8	05	2	3	6	4	7		7	7							
29	13	9975	41	40	39	32	31	16	8	50	2	3	6	2			7	7							
29	16	9983	40	38	35	29	21	64	6	05	5	3	6	4	7	8	6	6							
29	19	0016	38	35	30	27	28	80	1	05	8	1	6	2	0	0		6	5						
29	22	0034	38	35	30	29	22	80	0	02	1	0	0	9	0	0				27	48	621	001	41	36
30	01	0038	39	37	34	30	23	80	1	05	1	1	5	5	0	0									
30	04	0032	39	38	37	32	32	80	7	05	1	3	6	4	3		7								
30	07	0021	41	40	39	32	30	64	8	05	2	7	6	4			7								
30	10	0018	41	39	36	30	30	16	8	60	6	6	6	4	1		7								
30	13	0012	42	40	37	32	30	16	8	05	2	6	6	4			7								
30	16	0015	42	41	39	32	27	24	8	05	2	6	6	4			7								
30	19	0023	41	40	39	32	26	08	8	50	5	8	6	3			7								
30	22	0018	41	40	39	32	27	08	8	51	5	8	6	3			7			30	43	655	004	43	38
31	01	0012	41	40	39	32	27	08	8	58	5	8	6	3			7								
31	04	0004	41	40	39	32	26	24	8	05	5	4	6	3	0	0	7								
31	07	0015	41	40	39	32	26	24	8	50	5	8	6	4			7								
31	10	9998	42	41	40	32	28	40	8	05	2	8	6	3			7								
31	13	9969	41	40	39	32	30	24	8	05	2	8	6	4			7								
31	16	9939	41	40	39	32	32	40	8	05	2	8	6	3			7								
31	19	9923	41	40	39	32	30	40	8	05	2	8	6	2			7								
31	22	9890	41	40	39	32	32	08	8	61	6	8	0	2	2		7			32	42	691	002	42	40

Results of Surface Observations, Macquarie Island, November, 1954

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST					
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES: MAXIMUM	EXTREME TEMPERATURES: MINIMUM
		mb × 10^{-1}	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	01	9870	41	41	40	32	25	04	8	53	6	8	6	2			7								
01	04	9870	41	40	40	27	15	04	8	53	6	8	6	2			7								
01	07	9884	37	36	34	27	17	24	8	50	5	8	6	4			6								
01	10	9897	40	37	32	27	22	80	1	01	1	1	5	5	0	0	6								
01	13	9920	39	35	28	26	24	80	1	02	1	1	5	5	0	0	6								
01	16	9946	37	32	22	26	25	80	6	26	8	8	8	6			6								
01	19	9982	34	31	25	26	24	80	3	02	8	6	8	6			6								
01	22	9993	32	30	26	27	31	80	5	26	8	5	8	6	0	0	6			27	54	670	031	42	30
02	01	0004	33	30	24	26	28	08	6	86	8	6	2	5			6								
02	04	0010	35	33	29	28	25	80	5	26	8	5	8	5	0	0	6								
02	07	9992	38	37	35	29	30	40	8	80	8	8	8	5			6								
02	10	0001	37	35	32	27	28	64	8	25	8	6	8	4			6	6							
02	13	0024	39	36	31	27	29	80	7	05	8	6	8	4	3		6	6							
02	16	0059	37	35	32	27	30	80	7	27	8	6	8	4	3		6								
02	19	0110	36	34	29	27	25	80	6	25	8	6	8	4	0	0	6								
02	22	0137	36	34	30	27	30	80	7	27	8	7	8	4			6			27	54	669	012	41	32
03	01	0148	37	35	32	27	30	64	8	81	8	8	8	5			6								
03	04	0165	36	35	33	27	27	40	8	81	8	6	8	5			6								
03	07	0200	38	35	30	27	28	64	8	25	8	8	8	5			6								
03	10	0219	37	36	33	27	25	80	8	80	8	8	8	5			6								
03	13	0240	39	37	34	26	22	80	8	50	5	8	8	5			5								
03	16	0256	39	36	31	26	14	80	8	05	2	8	8	5			5								
03	19	0269	37	34	29	26	12	80	8	05	2	8	8	5			5								
03	22	0279	37	34	29	26	10	80	8	05	2	8	8	5			5			27	54	704	002	40	35
04	01	0273	37	34	29	28	08	80	8	05	2	8	8	5			6								
04	04	0272	36	34	30	25	06	80	8	05	2	8	8	5			6								
04	07	0262	38	35	30	30	07	80	8	05	2	8	8	5			6								
04	10	0259	38	36	32	32	04	80	8	05	2	8	8	5			7								
04	13	0256	40	37	32	32	15	80	7	05	2	4	5	5	3		7	7							
04	16	0217	39	37	35	33	13	80	8	05	2	2	6	4	3		7	7							
04	19	0202	39	38	37	33	09	80	8	05	2	1	6	4	3		7	7							
04	22	0192	39	38	37	34	08	80	8	05	2	7	5	5			7			33	24	288	001	40	36
05	01	0166	39	38	37	34	04	80	6	05	2	6	5	5			7								
05	04	0146	39	38	37	00	00	80	8	05	2	6	5	4			7								
05	07	0151	40	38	36	11	07	80	8	05	2	8	5	4											
05	10	0116	40	38	36	15	10	80	8	02	2	5	5	6			3								
05	13	0094	41	39	36	13	09	80	8	02	2	4	5	4	3		3	2							
05	16	0080	40	38	36	13	09	80	8	02	2	8	5	4			3								
05	19	0080	39	37	36	13	08	80	8	02	2	8	5	4			3								
05	22	0084	39	37	35	16	02	80	8	02	2	8	5	3			3			12	17	261	000	42	38
06	01	0081	38	37	35	18	01	80	8	02	2	8	5	3			3								
06	04	0081	39	36	32	32	02	80	8	02	2	8	5	5			7								
06	07	0081	39	37	34	35	07	80	8	02	2	8	5	5			7								
06	10	0079	40	39	38	34	11	80	8	05	2	6	5	5			7								
06	13	0064	42	40	37	35	13	80	8	05	2	6	5	5			7								
06	16	0046	40	39	38	34	08	80	8	05	2	8	6	3			7								
06	19	0040	39	39	38	33	08	40	8	05	2	8	6	2			7								
06	22	0025	39	39	39	33	12	08	8	41	4	8	6	1			7			36	20	190	000	43	38
07	01	0013	39	39	39	33	10	01	9	45	4	8	6	0			7								
07	04	0011	39	39	39	31	08	04	9	43	4	8	6	0			7								
07	07	0013	40	40	40	31	05	02	9	45	4	8	6	0			7								
07	10	0015	41	41	41	30	12	04	9	45	4	8	6	0											
07	13	0016	42	41	40	27	12	08	8	11	4	6	6	0			6								
07	16	0011	41	39	36	29	14	80	6	05	1	5	6	3	0	1	6								
07	19	0012	41	40	39	31	17	80	8	05	1	8	6	4			7								
07	22	0002	41	41	40	31	22	80	8	05	2	5	5	5			7			32	29	267	000	44	38
08	01	9984	42	41	40	31	26	80	8	05	2	8	5	5			7								
08	04	9977	42	41	40	31	26	80	8	05	2	5	6	4	7		7								
08	07	9976	42	41	40	30	25	40	8	50	5	8	6	3			7								
08	10	9994	42	41	39	29	17	40	8	05	5	8	6	4			6								
08	13	0021	42	39	34	23	07	80	7	80	2	6	8	4	3		6								
08	16	0053	40	37	30	26	12	80	2	05	2	2	1	5	0	0	6								
08	19	0091	38	36	31	27	16	80	3	80	2	2	2	4	0	0	6								
08	22	0117	38	35	29	27	07	64	1	05	2	1	2	5	0	0	6			27	38	495	001	44	37
09	01	0136	38	37	34	29	10	64	4	15	2	2	2	5	3	0	6								
09	04	0149	38	37	35	31	07	80	0	05	2	0	6	5	0	0									
09	07	0167	41	40	38	32	14	80	1	05	2	1	0	4	0	0	7								
09	10	0173	42	40	37	32	16	81	4	03	2	0	0	3	3	0		6							
09	13	0169	42	41	39	32	23	81	8	02	2	0	0	3	7			7							
09	16	0168	42	41	40	32	27	80	8	21	6	0	8	4	2		7								
09	19	0177	41	41	41	32	20	01	9	47	2	8	8	0			7								
09	22	0186	41	41	41	31	16	16	8	10	4	8	6	2			7			32	34	357	000	43	40

Results of Surface Observations, Macquarie Island, November, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	01	0188	41	41	41	31	16	16	8	51	5	8	6	2			7								
10	04	0197	40	40	40	31	16	16	8	51	5	8	6	2			7								
10	07	0202	40	40	40	32	12	40	8	05	5	8	6	2			7								
10	10	0204	41	41	40	32	17	04	9	47	2	8	6	0											
10	13	0196	41	40	39	31	08	24	8	28	4	8	6	2			7								
10	16	0181	41	41	40	30	08	16	8	28	4	8	6	2			7								
10	19	0167	40	39	38	31	04	80	8	02	4	0	0	9	3			7							
10	22	0147	41	41	40	31	02	80	8	02	2	8	5	4			7			31	25	474	003	43	39
11	01	0119	41	41	40	36	04	80	8	02	2	8	5	4			7								
11	04	0082	40	40	40	16	11	80	8	02	2	4	5	4	7										
11	07	0060	41	41	41	14	12	80	7	02	2	1	6	4	3		3								
11	10	0055	42	41	39	15	10	64	8	05	3	7	5	4	3		2								
11	13	0034	42	41	39	14	09	64	8	05	2	7	6	4	3		3	5							
11	16	0034	41	40	38	14	06	64	8	05	2	3	6	4	3		3	6							
11	19	0046	40	39	37	20	05	40	8	20	5	8	6	4			4								
11	22	0059	38	37	35	27	02	40	8	50	5	8	6	3			6			16	15	242	000	43	38
12	01	0065	39	38	37	32	02	24	8	50	5	8	6	3			7								
12	04	0068	39	38	36	29	10	32	8	50	5	8	6	4			7								
12	07	0080	40	39	37	32	10	40	8	05	5	4	6	4			7								
12	10	0084	41	39	36	34	16	80	8	05	2	8	5	5			7								
12	13	0070	43	40	36	36	16	80	8	05	2	8	5	5			7								
12	16	0040	43	42	41	35	17	80	8	05	2	5	5	5			7								
12	19	0009	41	41	41	35	25	01	9	47	4	8	6	0			8								
12	22	9947	43	42	41	35	50	08	8	63	4	8	7	3			8			35	52	224	001	44	38
13	01	9909	43	42	42	33	25	04	8	58	6	8	6	1			7								
13	04	9909	42	41	40	32	27	40	8	50	6	8	6	3			7								
13	07	9920	43	41	40	32	28	80	7	05	2	7	5	4			7								
13	10	9929	44	42	40	32	30	24	3	05	1	3	6	4	0	0	7								
13	13	9940	45	43	40	32	30	40	2	05	1	2	6	4	0	0	7								
13	16	9947	43	42	41	32	29	24	8	05	1	8	6	3			7								
13	19	9952	43	42	41	32	32	40	8	05	2	8	6	3			7								
13	22	9942	43	43	43	32	32	24	8	62	6	8	6	4			7			33	45	613	021	45	42
14	01	9939	43	42	41	32	31	24	8	61	6	8	6	4			7								
14	04	9954	42	41	40	32	27	40	4	05	6	4	5	4	0	0	7								
14	07	9966	43	42	41	32	26	40	1	05	1	1	6	4	0	0	7								
14	10	9971	42	41	38	32	24	32	6	05	2	6	6	4	0	0	7								
14	13	9984	44	42	39	32	22	32	1	05	1	1	6	4	0	0	7								
14	16	9991	43	41	39	32	22	24	2	05	2	2	6	4	0	0	7								
14	19	0001	41	40	39	32	20	24	6	05	3	6	6	4	0	0	7								
14	22	0012	41	40	39	32	16	16	3	05	2	3	6	4	0	0	7			33	41	790	003	44	40
15	01	0012	40	40	39	32	05	16	3	05	2	3	6	4	0	0	7								
15	04	0015	39	39	39	30	07	02	9	47	2	8	6	0			7								
15	07	0018	40	40	39	30	05	03	9	43	4	8	6	0			7								
15	10	0016	43	41	38	34	05	81	3	01	2	3	5	5	0	0	7								
15	13	0010	43	41	38	34	04	81	4	02	1	4	5	5	0	0	4								
15	16	0008	43	41	38	00	00	81	4	02	1	3	5	5	0	1									
15	19	0018	41	40	39	00	00	80	8	05	2	8	5	5			3								
15	22	0020	40	39	38	16	15	16	8	51	5	8	6	3			3			17	22	395	000	44	37
16	01	0025	37	36	34	16	17	40	8	50	5	8	6	4			3								
16	04	0028	36	34	30	14	25	80	8	05	2	8	5	5			3								
16	07	0043	36	33	27	14	28	80	8	05	2	8	5	5			3								
16	10	0049	36	33	26	15	26	80	8	05	2	8	5	5			4								
16	13	0064	35	32	26	14	30	80	8	05	2	8	5	5			3								
16	16	0080	35	32	26	14	28	80	8	05	2	8	5	5			3								
16	19	0103	35	32	26	14	24	80	8	05	2	8	5	5			3								
16	22	0113	35	32	26	15	21	80	8	05	2	8	5	5			4			15	36	363	002	37	34
17	01	0125	35	32	26	15	16	80	8	05	2	8	5	5			4								
17	04	0136	34	31	25	14	15	80	8	05	2	8	5	5			4								
17	07	0150	35	32	26	11	08	80	8	05	2	8	5	5			3								
17	10	0158	36	32	26	14	06	80	8	05	2	8	5	5			4								
17	13	0159	38	34	26	14	04	80	8	05	2	8	5	6			4								
17	16	0159	37	33	25	09	03	80	8	05	2	8	5	5			2								
17	19	0169	35	31	24	09	02	80	8	05	2	8	5	5			2								
17	22	0165	35	32	26	04	02	80	8	05	2	8	5	5			2			15	21	497	000	38	34
18	01	0160	37	34	29	35	10	80	8	05	2	8	5	5			1								
18	04	0158	38	35	30	33	10	80	8	05	2	8	5	5			8								
18	07	0156	41	37	31	35	10	80	4	05	1	4	5	5	0	0	8								
18	10	0152	41	39	36	36	14	81	8	02	2	4	5	5	3		7	7							
18	13	0143	44	41	37	36	17	81	8	02	2	8	5	5			8								
18	16	0134	43	40	36	36	18	81	8	02	2	8	5	5			8								
18	19	0142	42	40	37	36	14	80	8	05	2	8	5	5			8								
18	22	0138	43	40	36	36	20	80	8	05	2	8	5	5			7			36	28	208	000	45	35

Results of Surface Observations, Macquarie Island, November, 1954

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	01	0133	42	40	38	34	15	80	8	05	2	8	5	3			7								
19	04	0137	41	40	39	34	14	80	8	05	2	5	6	4	3		7	7							
19	07	0141	42	41	40	34	14	80	8	05	2	8	5	3			7								
19	10	0144	42	41	40	34	14	80	8	05	2	7	5	3			7								
19	13	0139	41	41	41	34	17	24	8	05	2	8	5	6			7								
19	16	0137	42	42	42	32	14	01	9	45	4	8	5	6			7								
19	19	0135	41	41	41	32	12	00	9	45	4	8	6	6			7								
19	22	0127	41	41	41	32	17	16	8	28	4	8	6	0			7			33	25	399	000	42	40
20	01	0110	41	41	41	33	14	40	8	05	5	8	6	3			7								
20	04	0103	42	42	42	33	20	01	9	45	4	8	6	0			7								
20	07	0096	42	42	42	32	16	04	9	43	4	8	6	0			7								
20	10	0084	43	42	40	33	17	80	7	40	4	1	6	1	3		7	7							
20	13	0066	43	42	40	32	17	40	8	05	2	8	6	3			7								
20	16	0045	43	42	41	33	23	64	7	05	2	1	6	3	3	1	7	7	7						
20	19	0037	42	41	41	32	23	08	8	05	2	8	6	0			7								
20	22	0017	42	41	41	33	20	24	8	05	2	8	6	3			7			34	31	426	001	44	40
21	01	0008	42	41	41	30	12	16	8	61	6	8	6	3			7								
21	04	0030	40	39	38	26	10	40	4	05	6	4	6	3	0	0	6								
21	07	0055	41	40	39	28	05	64	8	05	2	8	5	4			6								
21	10	0074	42	40	37	14	01	81	8	02	2	5	5	3	0	6	6								
21	13	0090	41	39	36	16	08	81	8	02	2	8	5	3			5								
21	16	0094	40	39	38	14	08	80	8	05	2	8	5	4			4								
21	19	0093	41	40	39	04	02	80	8	60	2	5	6	4	7		8								
21	22	0091	41	40	39	00	00	40	8	61	6	8	0	4	2		8			31	33	457	023	44	39
22	01	0071	42	41	41	16	05	16	8	61	6	8	0	3	2		1								
22	04	0059	41	40	40	16	10	40	8	61	6	8	0	3	2		2								
22	07	0061	41	40	40	16	18	24	8	61	6	8	0	3	2		2								
22	10	0060	41	40	39	16	18	32	8	61	6	8	0	2	2		3								
22	13	0044	40	39	38	16	25	32	8	61	6	8	0	2	2		4								
22	16	0036	40	40	40	15	24	40	8	61	6	8	0	2	2		3								
22	19	0031	41	40	39	14	24	40	8	61	6	8	0	3	2		3								
22	22	0026	41	40	39	14	30	40	8	61	6	8	0	3	2		3			14	36	260	047	42	38
23	01	0017	41	41	41	14	30	40	8	61	6	8	0	2	2		3								
23	04	0031	40	40	40	14	25	04	8	53	6	8	0	2	2		3								
23	07	0046	41	41	40	14	19	08	8	51	5	8	0	2	2		3								
23	10	0050	41	41	41	16	15	08	8	51	5	8	6	0			4								
23	13	0045	42	42	41	16	13	12	8	05	5	8	6	1			4								
23	16	0046	42	41	41	15	07	12	8	41	4	5	5	6			7								
23	19	0047	42	41	41	14	01	12	8	40	2	8	5	5			7								
23	22	0039	42	42	41	27	02	24	8	41	4	8	5	5			7			14	36	485	063	43	40
24	01	0026	42	42	41	32	02	12	8	05	4	8	5	5			7								
24	04	0013	44	43	42	32	02	16	8	05	2	8	5	5			5								
24	07	0002	45	45	44	27	07	08	8	51	2	8	6	3			6								
24	10	9991	44	43	42	18	04	80	8	05	5	8	6	4			5								
24	13	9984	40	39	38	19	15	80	8	05	2	8	5	4			5								
24	16	9986	39	38	36	18	17	80	8	05	2	8	5	4			4								
24	19	9992	38	37	35	17	17	80	8	05	2	8	5	4			4								
24	22	0008	37	36	34	18	15	80	8	50	5	8	5	4			4			18	35	168	002	47	35
25	01	0016	36	34	30	18	18	81	5	01	2	5	8	5	0	0	4								
25	04	0022	37	35	32	18	12	81	5	02	2	5	8	5	0	0	4								
25	07	0023	39	36	31	23	08	81	8	02	2	8	5	5			5								
25	10	0016	39	37	34	26	16	80	8	02	2	8	5	5			5								
25	13	9997	42	39	34	27	13	80	7	02	2	7	5	5			5								
25	16	9970	40	38	35	29	10	80	8	02	2	3	5	5	3		6	6							
25	19	9930	40	39	38	34	07	80	8	02	2	0	5	9	7			6							
25	22	9888	40	39	39	34	15	64	8	61	6	8	5	4			7			35	33	354	004	43	35
26	01	9812	40	40	40	34	12	40	8	61	6	8	0	5	2		7								
26	04	9760	40	40	40	28	22	08	8	51	6	8	6	3			6								
26	07	9768	39	39	38	27	32	80	8	25	8	8	5	4			6								
26	10	9773	39	38	36	26	33	64	8	80	8	8	8	4			6								
26	13	9772	38	37	35	28	40	32	8	80	8	8	8	4			6								
26	16	9791	37	37	36	28	40	06	8	69	6	8	0	4	2		6								
26	19	9840	37	37	36	26	19	06	8	51	6	8	6	4			5								
26	22	9861	38	36	33	23	17	64	7	25	5	7	8	4			5			28	66	508	052	42	37
27	01	9878	37	36	34	25	16	80	7	05	5	1	6	4	3		5								
27	04	9878	37	36	34	29	05	80	7	15	2	6	8	5	0	1	5								
27	07	9876	39	38	37	35	05	64	8	05	8	8	6	4			7								
27	10	9861	41	41	40	36	14	16	8	10	2	8	6	2			8								
27	13	9850	41	41	41	33	12	02	9	45	4	8	6	0			7								
27	16	9812	42	41	40	29	15	80	7	28	4	5	6	4	0	2	6		7						
27	19	9809	41	40	39	30	15	40	8	05	2	8	6	4			6								
27	22	9793	41	40	40	30	18	40	8	60	2	8	6	4			6			27	30	544	023	43	37

Results of Surface Observations, Macquarie Island, November, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
28	01	979.0	39	38	37	26	25	16	8	63	6	8	0	4	2		6								
28	04	979.4	40	39	36	29	25	81	8	25	8	4	5	4	3		6	6							
28	07	980.5	39	39	38	28	28	40	8	52	8	8	6	4			6								
28	10	981.7	40	39	38	28	33	40	6	80	8	6	5	4			6								
28	13	985.4	41	39	36	27	29	80	5	02	8	5	5	5			6								
28	16	987.7	40	39	38	27	26	80	7	02	2	4	5	5			6								
28	19	989.8	40	38	35	27	23	80	8	02	2	8	5	5			6								
28	22	990.9	40	38	36	27	12	80	8	02	2	8	5	5			6			28	45	544	006	42	38
29	01	991.2	39	38	37	25	07	80	8	25	2	8	5	5	3	0	5								
29	04	990.6	38	38	37	24	06	80	4	01	2	3	5	4			5								
29	07	990.6	39	39	39	00	00	80	6	02	2	3	5	4			5								
29	10	990.0	42	39	34	16	09	80	6	05	2	5	5	4			5								
29	13	990.0	43	40	36	00	00	80	5	05	2	5	5	5	3	0	5	5							
29	16	990.0	44	39	32	31	06	81	4	02	1	0	0	5	0	0	5		6						
29	19	990.6	41	39	35	28	03	81	8	02	2	0	0	9	3	2	5	6	6						
29	22	990.4	39	38	36	33	02	81	3	02	2	0	0	9	0	2		6	6	25	20	424	001	44	38
30	01	989.5	41	39	37	36	04	80	5	02	2	2	6	4	0	2	7		6						
30	04	987.5	41	40	39	29	02	64	8	80	2	5	6	3			8								
30	07	986.4	42	41	40	32	02	16	8	61	8	8	0	4			7								
30	10	984.9	40	40	39	32	12	80	8	05	6	8	5	4	2		7								
30	13	984.3	43	41	39	30	10	80	8	05	2	6	5	4			7	7	6						
30	16	983.5	43	42	41	29	10	81	5	01	2	2	5	5	3	2	7		6						
30	19	982.6	41	41	40	29	08	80	5	05	1	2	5	4	0	2	6		6						
30	22	981.3	40	39	39	00	00	80	5	05	0	2	5	4	0	2	6		6	35	25	147	023	44	39

Results of Surface Observations, Macquarie Island December, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	01	9808	40	39	38	16	03	80	6	05	2	2	5	4	0	2	6		6						
01	04	9828	40	39	37	21	05	80	8	05	2	4	6	3	0	2	5		6						
01	07	9880	39	38	37	18	12	80	8	05	2	8	5	4			4								
01	10	9937	39	38	36	17	19	80	8	50	2	6	6	4			4								
01	13	9993	43	40	34	22	10	80	7	50	5	7	5	4			5								
01	16	0031	41	37	31	22	12	80	7	05	2	5	1	4	3	1	5	5	5						
01	19	0058	39	35	28	20	05	80	7	05	2	6	5	5	3		5								
01	22	0076	38	36	33	27	04	80	8	05	2	8	5	5			6				33	246	000	45	37
02	01	0080	38	37	35	27	04	80	8	05	2	8	5	5			6								
02	04	0083	38	37	35	27	06	80	7	25	2	3	2	4	0	1	6		6						
02	07	0088	40	40	39	29	07	80	8	05	2	5	5	4			6								
02	10	0082	41	39	37	30	08	80	8	05	2	8	5	5			6								
02	13	0083	41	40	39	33	03	40	8	50	2	8	5	4			7								
02	16	0086	42	41	40	27	18	40	8	50	5	8	6	3			6								
02	19	0090	42	40	38	24	15	80	8	05	5	4	6	4	3	1	5	5	6						
02	22	0109	40	39	38	26	08	80	8	05	2	8	6	4			5				30	246	001	44	37
03	01	0110	39	39	38	27	04	24	8	50	5	8	6	3			6								
03	04	0100	39	39	39	31	02	02	9	45	4	9	6	3			7								
03	07	0090	40	40	40	33	05	04	9	43	4	9	6	2			7								
03	10	0074	42	41	40	09	03	08	8	10	4	8	6	2			2								
03	13	0057	41	40	39	09	10	16	8	10	2	8	6	2			2								
03	16	0026	42	41	40	11	02	06	8	50	2	8	6	2			2								
03	19	0010	42	41	41	02	10	02	9	47	4	9	6	2			8								
03	22	9986	42	42	42	36	12	03	8	61	4	8	6	2			8				45	216	000	43	39
04	01	9958	45	44	43	35	23	08	8	61	6	8	6	3			8								
04	04	9962	41	40	39	27	27	16	8	21	6	8	6	4			6								
04	07	0000	42	40	37	27	25	40	8	05	2	8	5	4			6								
04	10	0014	44	42	39	29	17	80	8	05	2	8	5	5			6								
04	13	0030	45	41	36	29	24	80	8	05	1	5	5	5	0	0	6								
04	16	0054	43	41	38	27	25	80	8	05	2	8	5	5			6								
04	19	0074	40	38	35	27	25	80	8	05	2	8	5	5			6								
04	22	0100	39	37	33	26	22	81	8	02	2	7	5	5			6				40	368	026	46	38
05	01	0100	38	37	35	29	04	80	8	05	1	4	6	4	0	0	6								
05	04	0092	39	38	37	32	02	80	8	05	1	4	6	4	3	4	7	7	7						
05	07	0088	42	41	40	32	09	81	8	01	1	4	6	4	3	6	7	7	7						
05	10	0081	43	42	40	32	09	81	5	02	1	4	0	4	0	2			6						
05	13	0065	44	42	39	33	10	81	5	02	1	2	0	4	3	9		6	6						
05	16	0050	43	41	39	33	09	81	7	03	2	4	5	5	3		7	7							
05	19	0045	42	41	39	35	10	40	7	05	2	1	6	5	3	7	7	7							
05	22	0033	41	40	39	34	19	40	7	10	2	1	6	5	7	7	7	7	7		18	396	000	45	37
06	01	0027	41	40	39	34	06	40	7	10	2	1	6	3	3	1	7	7	7						
06	04	0016	42	41	40	34	09	40	8	50	2	5	6	4	7		7	7							
06	07	0015	42	41	40	34	10	64	8	50	5	5	6	4	7		7	7							
06	10	0011	43	42	41	36	15	40	8	60	6	5	6	3	7		8	7							
06	13	0001	42	41	41	34	12	40	8	10	6	8	6	3			7	7							
06	16	9995	43	42	41	34	12	40	8	10	2	4	6	3	7		7	7							
06	19	9989	43	42	41	36	14	40	8	61	2	5	6	3	7		8	7							
06	22	9964	43	42	42	35	20	40	8	61	6	8	0	3	2		8	8			31	291	001	44	39
07	01	9955	42	41	41	32	12	16	8	41	6	8	6	2			7								
07	04	9952	41	40	39	31	14	60	8	05	2	8	5	5			7								
07	07	9960	42	41	40	33	12	80	8	05	2	8	5	5			7								
07	10	9955	43	42	41	33	09	80	8	05	5	1	6	4	7		7	7							
07	13	9934	45	44	43	31	19	80	8	05	6	5	5	4			7								
07	16	9946	45	43	40	31	15	80	8	05	1	1	6	4	3	0	7	7							
07	19	9966	42	41	41	31	14	80	3	05	1	3	6	4	0	0	7								
07	22	9974	42	42	42	31	16	80	5	05	1	4	6	4	3		7	7			29	395	014	46	40
08	01	9977	42	42	42	33	14	32	8	05	2	8	6	2			7								
08	04	9980	42	41	40	32	08	40	8	05	2	8	6	2			7								
08	07	9993	43	43	42	33	08	40	8	05	2	8	6	3			7								
08	10	9997	44	43	42	33	08	16	7	10	2	4	5	3	3		7	7							
08	13	0000	45	44	42	32	02	16	7	10	2	6	5	4			7								
08	16	0008	44	43	42	29	04	16	7	10	2	5	5	4			7								
08	19	0016	44	43	42	00	00	20	7	10	2	7	5	6			8								
08	22	0028	42	42	41	11	01	40	7	50	2	4	5	6			8				18	363	000	46	41
09	01	0035	42	41	41	16	03	40	7	61	6	5	5	5			8								
09	04	0043	42	41	41	16	08	40	8	21	6	7	5	6			6								
09	07	0062	42	41	41	16	10	04	8	10	4	8	6	1			4								
09	10	0080	41	40	40	16	20	16	8	51	5	8	6	2			3								
09	13	0099	40	39	38	15	22	40	8	10	5	8	6	4			3								
09	16	0109	39	37	34	15	22	80	8	05	2	8	5	4			3								
09	19	0136	39	37	34	13	15	81	8	02	2	8	5	5			3								
09	22	0148	38	36	33	12	12	81	5	01	8	5	5	5	0	0	3				25	181	007	42	37

Results of Surface Observations, Macquarie Island, December, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St. miles	Points	°F	°F
10	01	0150	38	36	33	13	04	81	3	02	1	3	5	5	0	0	3								
10	04	0152	38	36	33	00	00	80	8	02	2	8	5	5			7								
10	07	0162	39	37	34	34	04	80	8	05	2	8	5	5			7								
10	10	0164	41	39	36	34	09	80	8	05	2	8	5	5			7								
10	13	0156	42	41	40	36	14	80	8	05	2	8	5	5			7								
10	16	0149	42	42	41	34	15	80	8	05	2	7	5	5			7	7							
10	19	0140	42	42	41	33	18	80	8	05	2	5	5	5	7		7	7							
10	22	0146	42	42	41	32	16	80	8	05	2	5	6	4	7		7				29	364	001	44	37
11	01	0146	43	43	43	32	20	08	8	10	2	8	6	2			7								
11	04	0160	43	43	43	31	14	00	9	45	4	9	6	0			7								
11	07	0167	45	45	44	29	18	24	6	28	4	6	6	0			7								
11	10	0174	44	44	44	29	16	00	9	47	4	6	6	0			7								
11	13	0179	44	44	44	30	10	00	9	45	4	6	6	0			7								
11	16	0180	44	44	44	30	18	00	9	45	4	6	6	0			7								
11	19	0185	44	44	44	29	12	00	9	45	4	6	6	0			7								
11	22	0191	45	44	44	29	13	00	9	45	4	6	6	0			6				29	430	001	47	43
12	01	0181	45	44	43	29	18	40	7	05	4	3	6	3	0	1	7		6						
12	04	0187	44	44	43	30	10	40	7	05	4	3	6	2	0	1	7		6						
12	07	0188	44	44	43	29	10	00	9	47	4	9	6	0			7								
12	10	0185	43	43	43	32	05	00	9	45	4	9	6	0			7								
12	13	0179	44	43	42	31	05	24	8	10	4	8	6	2			7								
12	16	0162	44	43	42	35	10	80	8	05	2	8	6	4			7								
12	19	0150	44	43	42	35	16	80	8	05	2	8	6	4			8								
12	22	0148	43	42	41	35	14	40	8	10	2	8	6	5			8				28	362	001	46	42
13	01	0130	42	42	42	34	12	01	9	45	4	9	6	0			7								
13	04	0118	43	43	43	34	12	01	9	45	4	9	6	0			7								
13	07	0112	44	44	44	34	08	02	9	45	4	9	6	0			7								
13	10	0108	44	43	43	33	06	02	9	45	4	9	6	0			7								
13	13	0092	45	45	44	32	08	16	8	10	4	8	6	1			7								
13	16	0087	44	44	44	32	09	16	8	10	4	8	6	1			7								
13	19	0088	46	45	45	36	12	04	8	47	4	8	6	1			8								
13	22	0096	45	45	45	36	14	08	8	10	4	8	6	1			8				24	286	001	46	42
14	01	0102	43	43	43	29	06	00	9	45	4	9	6	0	0	0	6								
14	04	0122	44	44	44	34	04	64	8	28	4	3	6	2	3	0	7								
14	07	0144	48	47	46	00	00	81	8	10	4	1	6	2	3	0									
14	10	0144	47	46	44	32	05	80	8	40	2	3	6	2	3	0									
14	13	0150	50	48	46	14	04	80	8	03	2	0	6	0	3	0									
14	16	0147	47	46	45	14	05	80	8	03	2	1	6	1	3	0									
14	19	0144	45	44	43	15	09	40	3	10	2	4	6	4	3	0									
14	22	0132	44	43	43	15	13	03	9	47	4	9	6	6	3	0					17	220	003	51	42
15	01	0114	47	46	44	15	13	16	8	53	4	8	6	6	3	0									
15	04	0098	50	48	46	15	10	16	8	51	5	8	6	6	3	0									
15	07	0085	47	46	45	15	09	80	8	05	5	1	6	6	3	0									
15	10	0079	46	45	44	32	04	32	8	10	4	8	6	6	3	0									
15	13	0064	46	44	42	32	10	80	8	05	4	1	6	6	3	0									
15	16	0055	49	48	46	10	02	80	8	40	4	8	6	6	3	0									
15	19	0054	43	43	43	32	04	01	9	45	4	2	6	6	3	0									
15	22	0048	42	41	41	00	00	01	9	45	4	9	6	6	3	0					17	261	010	51	42
16	01	0026	42	42	41	14	08	01	9	45	4	9	6	6	3	0									
16	04	0009	44	43	43	15	08	16	8	41	4	8	6	6	3	0									
16	07	0010	46	46	46	00	00	01	9	47	4	9	6	6	3	0									
16	10	9992	47	47	46	31	05	01	9	45	4	9	6	6	3	0									
16	13	9984	47	46	45	33	06	02	9	43	4	9	6	6	3	0									
16	16	9975	45	45	45	32	06	16	8	10	4	8	6	6	3	0									
16	19	9961	44	44	44	00	00	02	9	60	4	9	6	6	3	0									
16	22	9959	43	43	43	13	09	04	8	50	5	8	6	6	3	0					15	165	003	48	40
17	01	9901	43	43	43	16	10	16	8	63	6	8	0	6	3	0									
17	04	9886	44	44	44	00	00	16	8	60	6	8	6	7	3	0									
17	07	9876	43	43	43	14	05	40	4	63	6	8	6	6	3	0									
17	10	9877	45	44	43	22	07	40	4	61	6	8	6	5	3	0									
17	13	9899	44	43	41	22	12	40	4	20	5	8	3	5	3	0									
17	16	9924	42	41	40	27	17	40	4	20	5	8	5	5	3	0									
17	19	9954	41	40	38	27	20	40	4	50	5	8	5	5	3	0									
17	22	9978	42	39	35	27	07	40	4	50	5	8	5	4	3	0					39	180	075	46	41
18	01	9985	42	40	38	29	06	40	4	50	5	7	5	4	3	0									
18	04	9981	42	41	40	30	10	40	4	50	5	8	6	4	3	0									
18	07	9977	43	43	43	32	14	16	8	53	5	8	6	3	3	0	7								
18	10	9985	43	41	38	25	20	80	8	15	5	8	5	5	3	0									
18	13	9996	44	40	34	28	17	80	8	05	5	8	5	5	3	0									
18	16	9999	42	40	37	28	15	80	8	02	2	8	5	5	3	0	6								
18	19	9991	42	40	37	31	12	81	8	02	2	8	5	5	3	0	6								
18	22	9976	40	39	38	27	15	80	8	80	8	8	5	5	3	0	6		6		36	404	006	45	39

Results of Surface Observations, Macquarie Island, December, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	01	9986	39	37	35	25	10	80	7	80	8	7	8	5			5								
19	04	0000	40	38	35	22	07	81	7	25	8	7	8	5			5								
19	07	0025	43	41	37	22	05	81	7	25	8	7	8	5			5								
19	10	0045	45	42	38	19	15	81	3	02	1	3	2	5	0	0	5								
19	13	0070	42	40	37	16	16	80	6	27	8	5	8	5			5								
19	16	0091	41	39	36	20	09	80	6	02	8	4	5	5			5								
19	19	0106	39	36	31	27	09	80	8	02	2	8	5	5			5								
19	22	0104	39	37	34	27	12	80	8	02	2	8	5	5			5				26	362	006	46	38
20	01	0092	40	39	38	29	14	80	8	02	2	8	5	5			6								
20	04	0072	42	41	40	29	15	64	8	05	2	8	6	4			6								
20	07	0083	42	41	40	27	22	80	8	05	2	8	6	4			6								
20	10	0091	43	40	37	28	17	64	8	05	2	8	5	4			6								
20	13	0103	45	42	38	25	12	64	7	05	2	6	5	4	4		5	5							
20	16	0110	43	41	38	25	12	64	8	05	2	4	6	4	3		5	5							
20	19	0127	43	41	38	25	13	64	7	05	2	4	6	4	4	1	5	5	6						
20	22	0133	42	41	40	25	18	64	3	05	2	2	6	4	3	0	5	5			40	405	003	46	39
21	01	0137	42	42	41	23	17	40	7	40	2	4	6	0	3		6	5							
21	04	0145	42	42	42	25	13	01	9	47	4	9	6	0			6								
21	07	0143	43	43	43	27	13	01	8	42	4	8	6	0			6								
21	10	0122	44	44	43	27	24	08	8	41	1	8	6	0			6								
21	13	0120	45	44	43	25	22	16	5	10	4	5	6	2	0	0	6								
21	16	0118	47	45	43	20	05	40	6	10	2	2	6	3	0	1	5		6						
21	19	0122	42	41	41	22	04	40	6	10	2	2	6	2			5								
21	22	0125	42	41	41	22	04	16	8	10	2	8	6	2			5				48	376	000	47	41
22	01	0110	41	41	41	28	15	16	8	50	5	8	6	2			6								
22	04	0100	43	43	42	29	18	40	8	10	5	8	6	3			6								
22	07	0094	45	44	43	27	23	16	8	52	5	8	6	4			6								
22	10	0093	43	42	38	27	27	64	8	05	2	8	6	4			6								
22	13	0092	44	41	37	27	25	80	7	02	1	2	6	4	3	8	6	6							
22	16	0090	43	39	33	27	23	80	5	02	8	5	5	5			6								
22	19	0092	42	40	37	28	17	80	3	01	1	1	5	5	0	2	6								
22	22	0076	42	41	39	29	22	80	7	03	1	1	5	5	3		6	6			41	431	001	46	41
23	01	0052	43	41	40	27	25	80	8	02	2	5	5	5	3		6	6							
23	04	0048	42	41	38	27	24	80	8	02	2	4	5	5	7		6	6							
23	07	0028	43	43	42	28	23	40	8	60	6	8	6	4			6								
23	10	0026	44	43	42	28	24	24	8	60	6	8	5	4			6								
23	13	0017	45	43	39	27	28	40	8	05	6	7	8	4	3		6	6							
23	16	0016	44	42	39	27	28	40	8	05	2	8	5	4			6								
23	19	0015	44	42	39	27	27	12	8	10	2	8	5	4			6								
23	22	0015	43	42	41	27	22	12	8	60	5	8	6	2			6				39	562	001	46	42
24	01	0005	43	42	41	27	21	12	8	61	6	8	6	2			6								
24	04	0013	43	42	42	27	22	08	8	53	6	8	6	3			6								
24	07	0015	43	43	42	27	22	08	8	58	5	8	7	2			6								
24	10	0024	44	43	42	27	26	40	8	50	5	8	5	4			6								
24	13	0044	44	42	39	27	20	80	8	16	5	8	8	4			6								
24	16	0058	42	41	40	26	15	80	8	16	8	8	8	4			6								
24	19	0076	42	39	35	26	15	80	8	05	2	8	5	5			6								
24	22	0085	42	40	37	26	12	80	8	05	2	8	5	5			6				42	645	008	45	40
25	01	0082	41	40	38	25	10	80	8	80	2	8	8	5			6								
25	04	0091	41	40	39	22	06	80	8	25	8	8	8	4			5								
25	07	0108	43	43	43	28	05	16	8	51	5	8	6	2			6								
25	10	0111	45	44	43	27	16	40	8	05	5	8	6	3			6								
25	13	0111	47	46	45	29	11	40	8	50	5	8	6	4			6								
25	16	0109	46	45	44	29	12	80	8	05	2	4	5	4	3		6								
25	19	0103	44	44	43	31	08	80	8	05	2	1	6	4	7		7	6							
25	22	0095	45	44	43	30	16	80	8	05	2	8	6	4			7				28	547	006	48	41
26	01	0092	44	44	44	29	14	80	8	20	5	8	6	4			6								
26	04	0100	45	44	44	27	12	24	8	20	5	8	6	2			6								
26	07	0101	45	45	45	27	08	48	8	05	5	8	6	2			6								
26	10	0097	45	44	43	32	05	64	8	05	2	1	6	3	0	0	7	7							
26	13	0087	48	46	44	33	10	80	1	05	2	1	6	2	0	0	7								
26	16	0070	46	45	44	32	10	32	8	10	2	8	6	1			7								
26	19	0050	45	45	45	32	10	04	9	47	4	9	6	0			7				22	339	002	49	44
26	22	0035	45	45	45	34	10	02	9	47	4	9	6	0			7								
27	01	9995	47	47	46	35	18	02	9	45	4	9	6	0			7								
27	04	9957	46	46	46	33	14	02	9	45	4	9	6	0			7								
27	07	9925	46	46	46	33	16	02	8	58	4	8	6	0			7								
27	10	9912	46	46	46	32	14	40	8	05	4	1	6	4	7		7	6							
27	13	9899	48	46	45	32	19	40	8	10	2	8	6	4			7								
27	16	9880	47	46	44	31	20	48	8	10	2	8	6	4			7								
27	19	9878	46	45	44	31	22	80	5	05	1	6	6	3	0	0	7								
27	22	9878	46	45	44	31	30	24	8	50	6	8	6	3			7				42	383	008	48	44

Results of Surface Observations, Macquarie Island December, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	01	9900	45	44	43	29	30	40	8	50	5	8	6	3	3		7								
28	04	9916	46	44	41	31	25	40	8	10	5	6	6	4			7								
28	07	9912	46	45	44	32	25	40	8	50	5	8	6	3			7	7							
28	10	9903	46	45	45	31	28	08	8	62	5	8	6	2			7								
28	13	9887	47	46	45	31	26	16	8	61	6	8	6	3			7								
28	16	9880	47	46	45	31	22	40	8	10	6	8	6	2			7								
28	19	9891	46	45	44	31	18	48	8	05	6	8	6	3			7								
28	22	9893	45	44	43	31	16	80	6	01	2	6	5	4			7				35	653	009	47	44
29	01	9894	44	43	43	31	13	40	8	03	2	8	5	4			7								
29	04	9888	46	45	43	31	20	40	7	00	2	7	5	4			7								
29	07	9891	46	44	42	31	22	24	8	02	2	8	6	4			7								
29	10	9897	47	45	43	31	09	80	5	03	2	8	6	4			6								
29	13	9885	48	47	45	30	14	80	7	03	2	8	6	4	7		6								
29	16	9876	48	46	44	30	14	80	4	05	2	7	6	4	0	2	6								
29	19	9872	45	43	40	29	16	81	3	01	1	4	5	5	7	0	6								
29	22	9870	44	42	39	28	14	81	2	00	1	2	5	5	0	0	6			31	34	545	015	49	41
30	01	9867	43	41	39	28	10	81	2	02	1	2	5	5	0	0	6								
30	04	9879	43	41	39	26	18	80	6	03	1	4	5	5	3	8	6								
30	07	9882	42	40	37	26	22	80	8	03	1	8	5	4			6								
30	10	9888	42	40	37	27	26	80	8	03	1	8	5	4	3		6								
30	13	9905	41	40	37	26	28	72	8	15	1	6	5	3	7										
30	16	9912	44	41	38	27	26	80	8	01	1	6	5	4	7										
30	19	9921	43	39	38	27	28	81	5	03	1	4	5	5	7	1									
30	22	9937	43	40	36	26	32	80	6	03	2	5	5	5	7		6								
31	01	9957	42	39	35	27	30	80	7	02	5	7	5	4			6			27	52	436	012	44	39
31	04	0001	42	40	35	27	26	80	6	01	2	5	5	5			6								
31	07	9996	44	43	41	26	14	81	7	02	2	5	6	4	7		5								
31	10	0010	45	45	44	27	12	32	8	10	2	4	6	3	7		5								
31	13	9990	45	45	45	32	09	14	8	10	8	8	6	1			6								
31	16	9957	45	44	43	32	09	40	8	01	8	6	6	2			6								
31	19	9913	45	45	45	36	22	16	8	01	8	6	6	1	2		6								
31	22	9987	47	46	46	31	22	24	8	10	5	8	6	2			7			26	48	694	007	47	41

Results of Surface Observations,
Mawson February, 1954

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	FROST POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
23	17	9839	+23	+20	+11	14	10	82	6	02	1	0	0	9	0	6									
23	23	9843	+19	+16	+07	16	18	82	7	03	1	2	5	8	7	2									
24	08	9870	+18	+16	+08	16	18	82	7	02	2	0	0	9	0	7									
24	11	9877	+18	+15	+04	16	18	82	6	02	2	0	0	9	3	7									
24	17	9902	+23	+20	+12	16	18	82	8	02	2	3	5	8	3										
24	23	9912	+22	+19	+12	16	10	82	6	02	2	0	0	9	7	0									
25	02	9910	+17	+15	+07	20	10	82	1	01	2	0	0	9	3	0									
25	11	9870	+24	+20	+10	16	05	82	1	02	0	0	0	9	3	0									
25	17	9850	+25	+21	+12	27	05	82	0	01	1	0	0	9	0	0									
25	23	9838	+14	+12	+04	18	15	82	1	03	0	0	0	9	3	0									
26	08	9829	+06	+05	−04	18	12	82	1	02	0	0	0	9	3	0									
26	11	9833	+12	+10	+04	18	15	82	7	03	0	0	0	9	7	7									
26	17	9830	+16	+14	+05	16	15	81	8	02	2	0	0	9	0	7									
26	23	9824	+14	+12	+05	16	18	81	6	01	2	0	0	9	0	8									
27	08	9877	+26	+22	+09	18	12	82	3	01	1	0	0	9	3	0									
27	11	9869	+27	+23	+17	17	18	82	6	03	1	0	0	9	3	0									
27	17	9893	+29	+24	+15	17	08	82	2	01	1	0	0	9	3	5									
27	23	9915	+18	+15	+09	19	12	82	2	02	0	0	0	9	3	0									
28	08	9912	+18	+15	+06	16	10	82	3	02	1	0	0	9	0	5									
28	11	9915	+19	+16	+06	18	05	82	3	02	1	0	0	9	0	5									
28	17	9914	+22	+19	+10	00	00	82	0	02	1	0	0	9	0	0									
28	23	9925	+15	+13	+06	18	12	82	0	02	0	0	0	9	0	0									

Results of Surface Observations, Mawson March, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	FROST POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	08	9943	+15	+13	+06	18	14	82	3	03	0	3	5	6	0	0	3								
01	11	9951	+18	+16	+10	18	12	82	7	03	1	6	5	6	3		3								
01	17	9948	+22	+19	+15	15	18	81	7	03	2	7	5	5											
01	23	9908	+16	+14	+07	16	25	81	6	01	2	3	5	6	3	0	3							+24	+10
02	08	9871	+19	+18	+17	17	30	81	8	03	1	8	5	4											
02	11	9897	+21	+19	+17	17	23	81	8	02	2	6	5	5	7										
02	17	9955	+22	+20	+18	18	07	82	3	01	2	0	0	9	7	0									
02	23	9973	+14	+13	+08	17	12	82	1	01	1	0	0	9	3	0								+24	
03	08	0004	+11	+09	+02	17	15	82	0	02	1	0	0	9	0	0									
03	11	0021	+19	+16	+17	17	08	82	0	02	2	0	0	9	0	0									
03	17	0038	+22	+19	+10	27	07	82	0	03	1	0	0	9	0	0									
03	23	0057	+16	+15	+09	15	20	82	2	03	1	0	0	9	0	5								+24	+13
04	08	9929	+24	+21	+12	17	35	82	8	03	1	0	0	9	0	7									
04	11	9934	+24	+21	+15	17	30	81	8	02	2	0	0	9	0	7									
04	17	9878	+20	+20	+20	16	40	00	9	36	3														
04	23	9885	+19	+19	+19	16	30	00	9	37	3													+24	+13
05	08	9926	+23	+23	+23	16	30	00	9	37	3														
05	11	9940	+23	+22	+21	16	30	08	8	36	3	8	5	5											
05	17	9957	+23	+22	+21	16	30	06	9	37	3														
05	23	9945	+23	+22	+20	16	30	08	9	36	3													+25	+18
06	08	9981	+25	+23	+21	16	35	00	8	36	3	8	5	5											
06	11	9983	+25	+24	+23	16	35	02	8	36	3	3	5	6	7										
06	17	9975	+25	+24	+23	16	35	00	9	36	3														
06	23	9958	+25	+24	+23	16	35	00	9	36	3													+26	+19
07	08	9945	+22	+21	+20	15	30	08	8	36	3	8	5	6											
07	11	9939	+29	+26	+20	15	25	81	8	14	3	6	5	6	0	7	3								
07	17	9917	+28	+26	+22	15	18	81	7	14	2	5	5	5	0	7	3								
07	23	9893	+28	+25	+18	15	15	81	8	02	2	8	5	5										+32	+20
08	08	9876	+29	+26	+20	14	18	82	8	02	2	5	5	6	7		2								
08	11	9868	+30	+27	+21	14	18	81	8	02	2	8	5	6			2								
08	17	9810	+29	+27	+23	15	40	24	8	36	3	5	5	6	0	7	2								
08	23	9748	+26	+26	+25	15	50	00	9	37	3													+32	+21
09	08	9644	+25	+25	+25	15	45	00	9	37	3														
09	11	9629	+21	+21	+21	15	40	00	9	37	3														
09	17	9615	+21	+21	+21	15	40	00	9	37	3														
09	23	9639	+22	+22	+22	15	40	00	9	37	3													+26	+21
10	08	9684	+21	+21	+21	15	30	00	9	36	3														
10	11	9704	+25	+24	+24	15	30	00	9	36	3														
10	17	9770	+26	+25	+25	15	20	00	9	36	3														
10	23	9828	+25	+24	+24	15	20	00	9	36	3													+27	+21
11	08	9880	+23	+21	+16	15	20	81	8	36	3	8	5	5											
11	11	9887	+25	+22	+15	15	20	81	6	14	2	3	5	5	7	0									
11	17	9871	+25	+22	+16	15	16	82	2	01	1	0	0	9	7	0									
11	23	9845	+18	+15	+07	16	20	82	0	02	0	0	0	9	7	0								+27	+18
12	08	9810	+15	+12	+04	16	23	82	1	03	0	0	0	9	3	0									
12	11	9800	+17	+15	+07	17	23	82	1	02	1	0	0	9	3	0									
12	17	9781	+21	+18	+10	16	15	82	4	03	1	0	0	9	3	0									
12	23	9776	+12	+10	+01	16	18	82	1	01	1	0	0	9	3	0								+23	+12
13	08	9805	+12	+10	+01	19	10	82	1	02	1	0	0	9	3	0									
13	11	9827	+12	+10	+01	17	16	82	1	02	1	0	0	9	3	0									
13	17	9932	+15	+13	+05	17	15	82	0	01	0	0	0	9	3	0									
13	23	9847	+11	+09	+00	16	18	82	0	02	0	0	0	9	3	0								+17	+07
14	08	9833	+08	+07	+00	16	25	82	1	03	0	0	5	5	3	0									
14	11	9835	+11	+09	+02	16	18	82	3	03	1	1	5	5	3	0									
14	17	9776	+11	+10	+08	15	18	82	7	36	3	3	5	5	3	0									
14	23	9757	+10	+09	+07	15	25	00	9	36	3	0	0	9	0	5								+18	+04
15	08	9766	+20	+18	+17	17	30	40	8	36	3	0	0	9	0	7									
15	11	9775	+21	+19	+17	17	25	56	8	36	3	0	0	9	0	7									
15	17	9789	+25	+22	+18	18	30	80	8	36	3	0	0	9	0	7									
15	23	9842	+29	+25	+17	15	30	82	7	02	3	1	2	5	7	3	3							+31	+09
16	08	9896	+28	+23	+14	18	07	81	8	02	2	0	0	9	7										
16	11	9912	+26	+23	+16	19	10	82	8	02	2	0	0	9	7										
16	17	9901	+26	+23	+15	16	15	82	6	01	2	0	0	9	3	0									
16	23	9906	+21	+18	+10	16	23	82	1	01	2	0	0	9	0	1	2							+32	+20

Results of Surface Observations,
Mawson March, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
17	08	9932	+19	+16	+06	17	15	82	2	02	0	0	0	9	3	1									
17	11	9919	+22	+19	+07	17	07	82	2	02	1	0	0	9	3	1									
17	17	9914	+23	+19	+11	16	18	82	1	01	1	0	0	9	3	0									
17	23	9921	+18	+15	+06	17	10	82	0	02	0	0	0	9	0	0								+25	+16
18	08	9946	+18	+15	+06	18	15	82	0	02	0	0	0	9	0	0									
18	11	9953	+19	+16	+06	17	23	82	0	02	0	0	0	9	0	0									
18	17	9988	+20	+17	+08	18	18	82	0	02	0	0	0	9	0	0									
18	23	0011	+20	+18	+10	16	13	82	7	03	0	5	5	7	3		3							+22	+13
19	08	9993	+21	+19	+12	19	07	82	7	02	2	5	5	7	3										
19	11	9991	+22	+19	+12	17	05	82	7	02	2	4	5	7	3		3								
19	17	9974	+23	+20	+12	16	07	82	7	02	2	1	5	8	3			2							
19	23	9968	+13	+14	+06	17	12	82	1	01	2	0	0	9	3	0								+25	+13
20	08	9978	+14	+12	+02	16	20	82	4	03	1	1	5	8	3	0									
20	11	9981	+14	+12	+02	18	23	82	5	02	1	1	0	9	3	0									
20	17	9986	+16	+14	+06	17	13	82	1	01	2	0	0	9	3	0									
20	23	9985	+05	+07	+01	17	10	82	1	02	0	0	0	9	3	0								+17	+09
21	08	9993	+08	+07	−03	18	12	82	0	01	0	0	0	9	0	0									
21	11	9990	+13	+11	+02	18	13	82	0	02	0	0	0	9	0	0									
21	17	9983	+15	+12	+04	17	07	82	0	02	0	0	0	9	0	0									
21	23	9958	+11	+09	+00	16	18	82	3	03	0	3	5	9	0	0	3							+17	+04
22	08	9950	+11	+09	+00	18	13	82	6	03	1	3	5	8	3	0									
22	11	9953	+15	+12	+05	17	12	82	7	03	1	3	5	6	3	0									
22	17	9970	+15	+12	+03	17	10	82	2	01	2	1	5	6	3	0									
22	23	0001	+10	+08	−01	17	21	82	3	03	1	1	5	6	3	1								+17	+06
23	08	0042	+11	+09	−01	17	23	82	5	02	1	2	5	7	3	0									
23	11	0048	+14	+12	+02	17	23	82	2	01	1	2	0	9	0	0									
23	17	0055	+15	+13	+05	17	13	82	1	01	1	0	0	9	3	0									
23	23	0061	+12	+10	+02	17	08	82	0	01	1	0	0	9	0	0								+19	+08
24	08	0058	+09	+08	+00	19	12	82	0	02	0	0	0	9	0	0									
24	11	0063	+13	+11	+02	18	05	82	0	02	0	0	0	9	0	0									
24	17	0058	+17	+14	+06	17	07	82	0	02	0	0	0	9	0	0									
24	23	0011	+12	+10	−01	18	15	82	0	02	0	0	0	9	0	0								+20	+07
25	08	9974	+15	+12	+01	16	20	82	1	03	0	0	0	9	0	5									
25	11	9976	+16	+13	+02	17	12	82	1	02	1	0	0	9	0	5									
25	17	9954	+20	+16	+05	16	20	82	1	02	0	0	0	9	0	0									
25	23	9943	+21	+17	+05	17	12	82	0	02	0	0	0	9	0	0								+22	+08
26	08	9916	+25	+21	+12	17	23	82	7	14	2	0	0	9	7	6									
26	11	9906	+25	+21	+11	15	25	82	8	14	2	0	0	9	7	7									
26	17	9895	+25	+21	+12	14	25	82	8	14	2	1	5	7	7	7									
26	23	9887	+24	+20	+11	15	25	82	8	02	2	3	5	7	7		3							+26	+17
27	08	9876	+24	+22	+18	15	23	81	6	22	2	3	5	6	7	0	3								
27	11	9880	+25	+22	+17	16	20	81	8	14	2	3	5	6	7	8	3								
27	17	9885	+22	+19	+09	18	20	82	7	02	2	1	5	6	3	0	3								
27	23	9885	+18	+15	+04	19	15	82	1	01	2	0	0	9	3	0								+28	+15
28	08	9903	+14	+11	+00	17	18	82	1	02	0	0	0	9	0	5									
28	11	9894	+16	+13	+03	16	15	82	1	02	0	0	0	9	7	0									
28	17	9909	+16	+13	+03	15	20	82	3	03	1	3	5	0	0	0									
28	23	9926	+13	+11	+00	18	13	82	0	01	1	0	0	9	0	0								+18	+10
29	08	9934	+09	+07	−04	16	15	82	1	03	0	0	0	9	3	0									
29	11	9934	+10	+08	−02	17	13	82	1	02	1	0	0	9	3	0									
29	17	9888	+09	+07	−01	17	08	82	1	02	1	0	0	9	3	0									
29	23	9861	+09	+07	−01	16	07	82	0	01	1	0	0	9	0	0								+14	+07
30	08	9859	+04	+03	−06	16	20	82	1	36	3	0	0	9	3	0									
30	11	9842	+07	+05	−04	16	21	82	1	36	3	0	0	9	3	0									
30	17	9852	+13	+11	+05	18	03	82	1	02	3	0	0	9	4	0									
30	23	9854	+08	+06	+00	16	07	82	0	02	0	0	0	9	0	0								+15	+03
31	08	9808	+09	+08	+04	15	15	82	7	03	0	6	5	6	3										
31	11	9787	+11	+10	+06	15	18	81	6	14	7	6	5	5	0										
31	17	9795	+10	+08	+01	14	25	80	8	36	3	5	5	5	7	7									
31	23	9851	+09	+07	+00	14	20	80	8	77	2	8	5	6										+13	+06

Results of Surface Observations, Mawson April, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	FROST POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
01	08	9832	+05	+03	-04	17	08	80	8	02	7	8	0	6	2										
01	11	9851	+00	01	-06	18	12	64	8	02	2	8	0	6	2										
01	17	9865	+00	01	-10	16	10	82	1	01	2	0	0	9	3	8									
01	23	9959	-01	-02	-12	18	07	80	0	02	0	0	0	9	0	0								+09	-02
02	08	9920	-01	-03	-15	16	07	82	3	03	0	0	0	9	3	5									
02	11	9921	+01	+00	-09	16	07	82	3	02	1	0	0	9	0	5									
02	17	9903	+01	00	-08	16	05	82	0	01	1	0	0	9	0	0									
02	23	9882	-05	-06	-16	18	07	81	0	02	0	0	0	9	0	0								+04	-06
03	08	9860	-07	-08	-18	18	10	82	1	03	0	0	0	9	0	5									
03	11	9858	-03	-05	-14	23	07	82	1	02	0	0	0	9	0	5									
03	17	9852	-04	-05	-12	18	15	82	3	03	1	0	0	9	0	0									
03	23	9852	-07	-08	-16	18	07	82	0	01	1	0	0	9	0	0								+01	-08
04	08	9856	-08	-09	-16	18	10	82	2	03	0	0	0	9	0	5									
04	11	9852	-05	-06	-16	18	12	82	6	03	1	0	0	9	0	6									
04	17	9858	-04	-05	-14	16	13	82	6	02	2	0	0	9	0	6									
04	23	9870	-03	-04	-13	18	03	82	3	01	2	0	0	9	0	8								-01	-10
05	08	9893	-04	-05	-13	14	03	82	7	03	1	0	0	9	0	7									
05	11	9894	+00	-01	-10	14	12	82	8	02	2	0	0	9	0	7									
05	17	9890	+02	+01	-05	20	03	82	8	02	2	0	0	9	0	7									
05	23	9887	+01	-01	-09	18	05	82	3	01	2	0	0	9	0	8								+03	-06
06	05	9887	-05	-06	-16	16	05	82	3	02	1	0	0	9	0	5									
06	08	9883	-04	-05	-15	18	03	82	3	02	1	0	0	9	0	5									
06	11	9885	+03	+02	-03	00	00	82	5	03	1	0	0	9	3	6									
06	17	9870	+03	+02	-05	00	00	82	7	03	1	0	0	9	0	7									
06	23	9851	+04	+02	-10	17	10	82	3	01	2	0	0	9	0	8								+05	-06
07	05	9826	+04	+02	-09	00	00	82	2	01	1	0	0	9	0	8									
07	08	9820	+00	-01	-13	18	08	82	2	02	0	0	0	9	3	8									
07	11	9822	+09	+05	-18	18	20	82	2	02	0	0	0	9	7	0									
07	17	9826	+01	+00	-08	16	23	82	3	36	0	2	5	8											
07	23	9821	-01	-03	-13	16	18	82	0	02	0	0	0	9	0	0								+10	-03
08	05	9942	-03	-05	-16	16	07	82	0	02	0	0	0	9	0	0									
08	08	9863	-04	-05	-16	19	12	82	0	02	0	0	0	9	0	0									
08	11	9880	+01	01	-09	00	00	82	0	02	0	0	0	9	0	0									
08	17	9910	+01	00	-09	18	03	82	0	02	0	0	0	9	0	0									
08	23	9925	-04	-05	-13	18	05	82	0	02	0	0	0	9	0	0								+04	-05
09	05	9880	-02	-03	-11	16	08	82	8	03	0	8	5	6											
09	08	9825	+00	-00	-02	12	20	03	9	77	2														
09	11	9798	-01	-01	-01	12	12	03	9	77	7														
09	17	9773	+05	+04	+02	12	15	80	8	02	3	3	5	5	7	8	2								
09	23	9788	+03	+01	-06	11	12	82	7	02	2	4	5	5	7									+06	-05
10	05	9767	+01	+00	-08	11	15	81	6	01	2	4	5	5	7	0									
10	08	9761	+01	-04	-09	16	07	82	3	01	2	0	0	9	7	0									
10	11	9752	+01	+00	-06	18	07	83	2	01	1	0	0	9	0	5									
10	17	9768	+01	+00	-06	18	03	83	0	01	1	0	0	9	0	0									
10	23	9779	-07	-07	-14	15	07	82	0	02	0	0	0	9	0	0								+04	-07
11	05	9804	-08	-09	-16	12	07	82	0	02	0	0	0	9	0	0									
11	08	9802	-08	-09	-16	16	12	82	1	03	0	0	0	9	0	5									
11	11	9811	-04	-05	-13	00	00	83	3	03	0	0	0	9	3	5									
11	17	9815	-05	-05	-11	16	15	81	1	36	1	0	0	9	3	0									
11	23	9816	-07	-08	-11	16	25	03	0	36	3	0	0	9	0	0								-01	-09
12	05	9814	-05	-05	-08	16	23	03	0	36	3	0	0	9	0	0									
12	08	9814	-05	-05	-08	17	20	16	1	36	3	0	0	9	0	0									
12	11	9815	-00	-01	-03	17	20	64	1	36	3	0	0	9	4	0									
12	17	9810	+01	-00	-06	17	23	64	0	36	3	0	0	9	3	0									
12	23	9835	-01	-02	-10	17	10	82	3	03	3	0	0	9	0	0								+02	-09
13	05	9839	-02	-03	-12	16	03	82	0	01	1	0	0	9	0	0									
13	08	9834	-04	-05	-14	18	13	82	1	03	0	0	0	9	0	5									
13	11	9836	-00	-01	-05	17	10	82	1	02	1	0	0	9	0	5									
13	17	9815	-01	-02	-11	17	18	82	7	03	1	0	0	9	0	7									
13	23	9800	-01	-04	-12	16	18	80	6	02	2	0	0	9	0	7								+01	-04
14	05	9786	+01	+00	-10	17	15	81	6	02	2	0	0	9	0	7									
14	08	9784	+01	+00	-09	16	20	81	6	02	2	0	0	9	0	7									
14	11	9790	+04	+02	-06	18	15	81	6	02	2	0	0	9	0	0									
14	17	9774	+08	-06	-04	17	21	81	8	03	2	0	0	9	0	0									
14	23	9731	+09	-07	-01	15	35	80	5	01	3	0	0	9	0	0								+09	-01

Results of Surface Observations,
Mawson April, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	FROST POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
15	05	9709	+10	+08	+00	16	35	81	8	36	3	0	0	9	7	8									
15	08	9705	+12	+09	+01	16	35	80	8	36	3	0	0	9	7										
15	11	9707	+15	+10	+00	16	30	80	7	36	3	0	0	9	7		3								
15	17	9709	+14	+11	+02	15	18	80	7	02	3	2	5	6	7									+16	+07
15	23	9708	+11	+09	−02	16	15	82	5	01	2	0	0	9	5	0									
16	05	9727	+06	+04	−08	14	12	82	4	02	1	0	0	9	5	0									
16	08	9721	+08	+06	−05	17	15	82	3	01	1	0	0	9	3	0									
16	11	9727	+07	+05	−05	16	20	82	6	03	1	2	5	8	3	0	2								
16	17	9742	+10	+08	−02	16	18	82	7	03	2	2	5	8			2							+11	+05
16	23	9756	+10	+08	−01	15	18	82	8	02	2	8	5	7											
17	05	9789	+10	+08	+02	14	10	81	8	02	2	8	0	5	2										
17	08	9790	+10	+09	+06	15	07	81	8	02	2	8	0	5	2										
17	11	9803	+11	+10	+05	16	15	80	8	02	2	8	5	5	2										
17	17	9821	+11	+10	+05	16	03	80	8	02	2	7	5	6	3	0								+12	+06
17	23	9834	+07	+06	+04	16	07	40	6	77	7	3	5	6											
18	05	9841	+06	+05	+03	12	10	40	8	77	7	8	0	6	2										
18	08	9847	+05	+04	+01	16	07	40	8	77	7	8	0	6	2										
18	11	9851	+05	+05	+02	15	10	32	8	77	7	8	0	5	2										
18	17	9870	+02	+02	+02	15	05	08	8	77	7	8	0	5	2									+07	+01
18	23	9883	+02	+01	+00	18	10	16	8	77	7	8	0	5	2										
19	05	9895	−02	−02	−02	16	18	08	8	77	7	8	0	5	2										
19	08	9904	−05	−05	−05	15	12	08	8	77	7	8	0	5	2										
19	11	9919	−05	−05	−07	15	10	24	8	77	7	8	0	6											
19	17	9934	−03	−04	−08	17	03	80	8	02	7	8	0	5										+02	−11
19	23	9951	−10	−11	−15	18	13	40	8	77	7	8	0	5											
20	05	9952	−13	−13	−16	16	13	81	0	01	3	0	0	9	0	0									
20	08	9954	−10	−10	−13	00	00	82	1	02	0	0	0	9	0	5									
20	11	9946	−06	−09	−14	00	00	82	1	02	0	0	0	9	0	5									
20	17	9902	−08	−08	−11	16	13	80	1	36	3	0	0	9	0	5								−07	−14
20	23	9856	−08	−08	−10	16	18	40	1	36	3	0	0	9	0	5									
21	05	9761	−04	−04	−04	15	35	00	0	36	3	0	0	9	0	0									
21	08	9758	−05	−05	−08	14	30	16	3	36	3	0	0	9	0	5									
21	11	9768	−04	−05	−07	14	25	40	3	36	3	0	0	9	0	8									
21	17	9776	−04	−05	−12	14	18	64	2	36	3	0	0	9	0	8								−02	−09
21	23	9774	−06	−07	−14	15	25	81	1	36	3	0	0	9	0	8									
22	05	9728	−06	−06	−07	15	40	00	2	36	3	0	0	9	0	5									
22	08	9704	−03	−03	−05	14	45	00	3	36	3	0	0	9	0	7									
22	11	9681	+00	+00	+00	14	40	00	8	36	3	3	5	7	3										
22	17	9697	+08	+07	+02	13	25	16	8	36	3	8	6	6										+09	−08
22	23	9752	+07	+06	+00	15	15	80	8	02	3	8	6	6											
23	05	9803	+07	+06	+00	14	07	81	8	02	2	8	5	7											
23	08	9824	+06	+05	+00	14	07	82	2	01	2	0	0	9	3	0									
23	11	9840	+05	+04	−03	16	13	82	1	01	1	0	0	9	3	0									
23	17	9893	−02	−03	−08	15	15	82	0	02	0	0	0	9	0	0								+08	−07
23	23	9940	−06	−06	−13	18	18	82	0	02	0	0	0	9	0	0									
24	05	9980	−02	−03	−11	18	03	82	5	03	0	0	1	5	6	7	0								
24	08	9981	−02	−03	−11	16	07	82	7	03	1	7	5	6	7										
24	11	9972	+02	+02	+01	16	15	00	9	77	7	7	8	5	2	3	0								
24	17	9945	+05	+05	+05	03	07	16	8	70	7	8	5	5	6	3								+09	−07
24	23	9917	+07	+07	+04	07	03	80	6	02	7	5	5	6											
25	05	9897	+05	+05	+02	09	07	80	8	36	3	5	8	5	6	3									
25	08	9890	+06	+06	+02	07	10	80	8	02	3	8	0	5	5	2	0								
25	11	9862	+06	+06	+03	07	10	40	8	77	7	8	0	0	2										
25	17	9789	+07	+07	+07	13	25	00	9	77	7													+08	+02
25	23	9763	+07	+07	+07	14	20	03	9	77	7							3							
26	05	9758	+04	+03	−01	16	10	82	8	36	3	8	0	5	6										
26	08	9741	−02	−02	−08	18	10	82	0	36	3	0	0	0	9	0	0								
26	11	9716	−00	−01	−05	17	10	82	0	36	3	0	0	0	9	0	0								
26	17	9669	−01	−02	−07	19	05	82	0	02	3	0	0	0	9	0	0							+07	−03
26	23	9627	−01	−02	−04	18	18	24	0	36	3	0	0	0	9	0	0								
27	05	9639	−02	−02	−05	18	18	08	0	36	3	0	0	0	9	0	0								
27	08	9664	−01	−02	−05	18	23	08	0	36	3	0	0	0	9	0	0								
27	11	9682	−02	−02	−05	18	30	02	0	36	3	0	0	0	9	0	0								
27	17	9705	−01	−02	−04	18	25	03	0	36	3	0	0	0	9	0	0							+01	−05
27	23	9729	−03	−04	−07	18	10	40	1	36	3	1	0	5	9	0	0								

Results of Surface Observations, Mawson April, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	FROST POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	05	9742	-04	-04	+10	20	05	81	0	01	1	0	0	9	C	0									
28	08	9746	-02	-03	+12	20	07	82	0	02	0	0	0	9	C	0									
28	11	9740	+03	+01	+11	22	07	82	0	02	0	0	0	9	C	0									
28	17	9755	+01	+01	+13	20	03	82	0	02	C	0	0	9	C	0									
28	23	9754	+02	+01	-08	20	03	82	0	02	C	0	0	9	C	0								+05	-05
29	05	9731	-03	-04	-13	18	07	82	1	03	C	0	0	9	C	5									
29	08	9705	+01	+00	-06	18	03	82	2	03	1	0	0	9	C	5									
29	11	9704	+00	-01	-07	18	13	82	3	03	3	0	0	9	C	5									
29	17	9724	+00	-01	-10	00	00	82	1	01	3	0	0	9	C	0									
29	23	9769	-01	-03	-11	18	07	82	1	36	1	0	0	9	C	1								+04	-03
30	05	9815	-06	-07	-16	16	05	82	0	02	C	0	0	9	C	C									
30	08	9834	-05	-06	-15	00	00	82	3	03	C	0	0	9	C	5									
30	11	9856	-03	-04	-12	00	00	82	4	03	1	0	0	9	C	6									
30	17	9880	-04	-05	-13	16	18	82	1	36	1	0	0	9	C	1									
30	23	9879	-06	-07	-14	16	17	82	2	36	3	0	0	9	C	5								+00	-07

Results of Surface Observations,
Mawson May, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	FROST POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	w	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
01	05	9869	-09	-09	-13	17	30	80	0	36	3	0	0	9	0	0									
01	08	9875	-08	-08	-11	17	30	80	0	36	3	0	0	9	0	0									
01	11	9885	-05	-05	-07	17	30	24	0	36	3	0	0	9	0	0									
01	17	9887	+02	+01	-03	17	25	80	1	36	3	1	5	7	0	0									
01	23	9865	+03	+02	-03	17	26	80	0	36	3	0	5	6										+04	-10
02	05	9817	-03	-04	-11	17	27	80	4	01	2	1	5	6	0	5									
02	08	9798	-01	-02	-09	17	23	82	3	01	1	1	5	6	3	2									
02	11	9776	+02	+01	-05	17	18	83	3	02	1	0	0	9	3	2									
02	17	9758	+00	-01	-05	13	12	83	3	02	1	0	0	9	0	1									
02	23	9755	+00	-01	-07	14	10	83	1	01	1	0	0	9										+04	-04
03	05	9774	-04	-05	-11	15	14	83	0	01	1	0	0	9	0	0									
03	08	9793	-05	-06	-12	15	16	83	0	02		0	0	9	0	0									
03	11	9809	-00	-01	-10	14	10	83	0	02		0	0	9	0	0									
03	17	9822	-03	-04	-10	15	10	83	0	02		0	0	9	0	0				13	44			+05	-05
03	23	9822	+05	+02	-06	14	25	83	0	02		0	0	9	0	0									
04	05	9834	-03	-03	-10	13	26	81	0	02		0	0	9	0	0									
04	08	9845	-02	-03	-11	13	26	82	0	02		0	0	9	0	0									
04	11	9855	+00	-01	-09	14	27	82	1	03		0	0	9	3	0									
04	17	9872	+02	-01	-06	14	27	82	7	03		0	0	9	3	2			7						
04	23	9885	+03	+02	-05	14	26	82	5	01	2	0	0	9	0	2				14	45			+05	-04
05	05	9882	+07	+07	+03	14	26	32	8	77	3	8	0	5	2										
05	08	9877	+09	+08	+05	14	24	80	8	36	3	8	0	5	2										
05	11	9866	+10	+08	+02	14	24	80	8	02	3	8	0	5	2										
05	17	9834	+05	+04	-01	15	23	80	7	36	3	0	0	9	7	8									
05	23	9787	+02	+01	-05	17	15	81	3	01	3	0	0	9	0	8				13	37			+11	+00
06	05	9745	-01	-02	-10	15	13	81	2	02	1	0	0	9	3	0									
06	08	9753	-04	-05	-10	15	26	82	1	01	1	0	0	9	3	0									
06	11	9737	+01	+00	-07	14	19	82	1	02	1	0	0	9	3	0									
06	17	9756	+01	+00	-08	15	16	82	1	02	1	0	0	9	3	0									
06	23	9755	+01	-01	-08	14	15	82	0	01	1	0	0	9	0	0				14	36			+02	-05
07	05	9756	+02	+00	-08	13	18	82	6	03	2	0	0	9	7	0									
07	08	9743	+03	+01	-07	13	20	82	6	02	2	0	0	9	7	0									
07	11	9765	+04	+02	-07	13	23	82	7	03	2	4	5	8	7		3								
07	17	9809	+02	+01	-06	13	22	81	8	02	3	5	5	7	3		3								
07	23	9842	+02	+01	-07	13	23	81	8	02	2	8	5	7						13	32			+05	-00
08	05	9876	+02	+00	-09	14	21	81	1	01	2	1	5	7	0	0									
08	08	9882	-05	-04	-13	15	24	81	1	03	1	1	5	7	7	0									
08	11	9880	-04	-05	-12	15	26	81	2	01	1	0	0	9	7	0									
08	17	9895	-06	-07	-14	15	32	81	0	01	1	0	0	9	0	0									
08	23	9910	-04	-05	-12	00	00	82	0	02	0	0	0	9	0	0				15	44			+03	-07
09	05	9918	-03	-04	-13	16	14	82	0	02	0	0	0	9	0	0									
09	08	9923	-04	-05	-15	00	00	82	0	02	0	0	0	9	0	0									
09	11	9920	-04	-05	-13	00	00	82	0	02	0	0	0	9	0	0									
09	17	9883	+00	-01	-09	15	13	82	8	03	0	0	0	9	2										
09	23	9874	-00	-01	-05	00	00	82	2	01	2	0	0	9	7	0				16	29			+03	-06
10	05	9882	-04	-05	-11	15	08	82	2	02	1	0	0	9	3	0									
10	08	9888	-06	-07	-16	15	10	82	0	01	0	0	0	9	3	0									
10	11	9873	-05	-06	-13	00	00	82	1	03	0	0	0	9	3	0									
10	17	9847	-03	-05	-14	13	12	82	4	03	1	0	0	9	0	2									
10	23	9836	-05	-06	-16	16	08	82	1	01	1	0	0	9	0	1				15	35			+01	-08
11	05	9847	-09	-10	-18	15	15	82	1	02	0	0	0	9	3	0									
11	08	9851	-11	-12	-21	15	15	82	0	02	0	0	0	9	0	0									
11	11	9852	-11	-11	-21	15	13	82	0	02	0	0	0	9	0	0									
11	17	9875	-10	-11	-21	14	12	82	0	02	0	0	0	9	0	0				15	33			-05	-13
11	23	9897	-11	-12	-21	14	08	82	0	02	0	0	0	9	0	0									
12	05	9926	-11	-12	-21	00	00	82	0	02	0	0	0	9	0	0									
12	08	9935	-10	-11	-21	15	28	82	0	02	0	0	0	9	0	0									
12	11	9952	-09	-10	-17	15	28	82	0	02	0	0	0	9	0	0									
12	17	9964	-09	-10	-18	15	27	82	1	02	0	0	0	9	3	2									
12	23	9954	-05	-06	-15	15	16	82	1	02	0	0	0	9	3	1				16	41			-03	-13
13	05	9940	-07	-08	-17	14	21	82	4	03	0	0	0	9	3	5									
13	08	9930	-08	-09	-17	15	15	82	6	03	1	0	0	9	7	6									
13	11	9932	-08	-09	-17	00	00	82	7	03	1	0	0	9	7	6									
13	17	9931	-13	-14	-24	15	15	82	1	01	2	0	0	9	3	8									
13	23	9932	-15	-16	-26	15	18	82	1	02	0	0	0	9	3	0				15	31			-04	-17

Results of Surface Observations,
Mawson May, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	FROST POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
14	05	9922	-15	-14	-24	14	13	82	1	02	C	C	C	9	3	0								
14	08	9915	-11	-12	-23	14	16	82	1	02	C	C	C	9	3	0								
14	11	9912	-14	-15	-22	14	17	82	1	02	C	C	C	9	3	0								
14	17	9881	-11	-12	-20	13	30	82	1	36	C	C	C	9	3	0								
14	23	9850	-14	-15	-22	13	37	81	3	36	3	C	C	9	C	5				13	52		-08	-16
15	05	9841	-10	-11	-18	13	35	81	0	36	3	0	C	9	C	0								
15	08	9862	-10	-11	-18	14	25	81	1	36	3	0	C	9	3	0								
15	11	9886	-10	-11	-19	15	21	81	1	36	3	0	C	9	3	1								
15	17	9913	-09	-10	-19	14	23	81	1	36	3	0	C	9	3	8								
15	23	9910	-10	-11	-19	14	27	81	6	36	3	0	C	9	C	6				13	48		-07	-14
16	05	9876	-02	-03	-12	15	08	80	8	03	2	0	0	9	7									
16	08	9852	-01	-03	-10	16	30	56	8	02	2	3	5	6	7		2							
16	11	9861	+01	-00	-05	16	20	48	8	05	2	3	5	6	2		2							
16	17	9878	+03	+02	-04	15	20	80	8	02	2	8	0	6	2									
16	23	9891	+04	+03	-04	13	20	81	6	01	2	5	5	7	C	7				16	44		+06	-10
17	05	9898	+00	-01	-09	13	17	81	3	01	1	1	5	7	3	0								
17	08	9905	-02	-03	-11	14	17	81	5	03	1	3	5	7	3	0								
17	11	9918	-00	-01	-07	13	17	81	7	03	1	7	5	6			2							
17	17	9930	-05	-06	-12	14	15	82	5	01	2	3	5	6	3	0	2							
17	23	9945	-02	-03	-10	13	15	82	8	03	1	8	5	6			7			13	26		-04	-05
18	05	9960	-04	-05	-09	14	15	80	8	02	7	8	0	6	2									
18	08	9973	-09	-09	-11	15	23	00	9	77	7													
18	11	9997	-13	-13	-14	15	38	01	7	36	7	7	5	6										
18	17	0038	-09	-09	-13	14	20	82	0	01	3	0	0	9	C	0								
18	23	0052	-10	-11	-18	15	12	82	0	02	C	0	0	9	C	0				15	41		-02	-13
19	05	0041	-12	-13	-17	00	00	82	3	03	C	0	0	9	C	5								
19	08	0037	-11	-11	-16	00	00	82	7	03	1	0	0	9	7	6								
19	11	0022	-06	-07	-14	00	00	82	8	03	1	0	0	9	7	7								
19	17	0001	-04	-05	-11	00	00	82	7	02	2	2	5	8	7									
19	23	9980	-05	-05	-08	06	15	81	8	02	2	5	5	8	7		7			13	25		-00	-13
20	05	9963	-06	-06	-10	00	00	80	8	02	2	8	5	7										
20	08	9955	-04	-05	-07	00	00	80	8	02	2	8	6	7										
20	11	9941	+01	+01	-04	00	00	80	8	14	2	8	6	7			2							
20	17	9939	+11	+09	-01	04	08	80	8	05	2	8	6	6			2							
20	23	9885	+12	+10	-02	13	35	80	8	05	2	6	6	6	7					13	43		+12	-07
21	05	9831	+11	+09	+00	13	38	81	8	02	2	8	6	5										
21	08	9783	+11	+09	+00	13	44	81	8	02	2	8	6	5										
21	11	9766	+16	+13	+03	14	41	81	8	02	2	8	6	5			2							
21	17	9778	+18	+14	+01	13	42	80	8	05	2	8	6	5			2							
21	23	9830	+21	+17	+04	13	27	81	8	02	2	8	6	6						13	65		+21	+09
22	05	9902	+15	+10	+02	00	00	81	6	01	2	3	5	7	7	0								
22	08	9911	+11	+09	-02	15	07	81	6	02	1	0	0	9	7	5								
22	11	9918	+08	+07	+00	00	00	81	6	02	1	0	0	9	7	5								
22	17	9920	+05	+03	-03	14	07	81	6	02	1	0	0	9	7	5								
22	23	9884	+05	+03	-07	15	15	81	6	02	2	0	0	9	C	6				13	28		+21	+02
23	05	9855	+04	+02	-08	14	30	82	4	01	1	0	C	9	7	8								
23	08	9851	+03	+01	-08	15	20	82	3	01	1	0	C	9	C	8								
23	11	9845	+03	+02	-08	15	23	82	2	01	1	0	C	9	C	8								
23	17	9890	-03	-04	-09	15	10	82	0	02	C	0	0	9	C	0								
23	23	9890	-03	-04	-13	14	30	82	0	02	C	0	0	9	C	0				15	43		+06	-05
24	05	9928	-08	-09	-16	15	13	82	0	02	C	0	0	9	C	0								
24	08	9947	-10	-11	-19	15	30	82	1	03	C	0	0	9	C	5								
24	11	9955	-12	-12	-18	15	23	82	1	02	C	0	0	9	C	5								
24	17	9986	-11	-12	-20	15	21	82	1	02	C	0	0	9	C	8								
24	23	9993	-01	-05	-14	13	25	81	1	02	C	0	0	9	C	8				13	43		-01	-12
25	05	0005	+02	+00	-10	12	30	81	6	03	1	3	6	7	C	5								
25	08	9987	+06	+04	-06	11	30	81	7	02	2	7	6	6			2							
25	11	9973	+10	+07	-05	12	33	80	7	02	2	5	6	5	2		2							
25	17	9946	+12	+10	-01	12	47	80	8	05	2	5	6	6	2		2							
25	23	9945	+12	+12	+12	12	50	04	8	77	7	8	0		2					13	66		+12	-03
26	05	9964	+12	+11	+09	12	45	24	8	36	7	6	5	5	7		2							
26	08	9964	+15	+13	+07	12	45	40	6	05	3	1	5	5	7	0	2							
26	11	9974	+15	+13	+05	12	40	80	6	05	2	1	5	5	7		2							
26	17	9964	+16	+13	+04	12	40	80	8	02	2	8	6	7			2							
26	23	9942	+15	+13	+03	12	37	80	8	02	2	8	0	6	2		2			12	54		+16	+11

Results of Surface Observations,
Mawson May, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	FROST POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
27	05	9915	+15	+12	+01	12	35	80	8	02	2	8	0	6	2		2								
27	08	9903	+14	+12	+04	12	37	81	7	02	2	4	6	6	7		2								
27	11	9882	+15	+13	+04	12	35	82	7	02	2	5	5	6	7		2								
27	17	9872	+15	+14	+04	12	33	82	8	02	2	6	5	6			2			13	44			+17	+12
27	23	9873	+14	+11	+00	12	24	80	8	02	2	8	5	5											
28	05	9875	+15	+11	−01	12	15	81	8	02	2	8	5	5			2								
28	08	9863	+14	+11	−01	12	25	81	8	02	2	6	5	6	7		2								
28	11	9864	+14	+11	−02	12	21	81	8	02	2	8	5	5			2								
28	17	9860	+10	+08	−01	13	23	81	7	01	2	5	5	6	7		2			13	32			+15	−09
28	23	9855	+10	+08	−02	13	15	81	8	02	2	8	5	5											
29	05	9860	+05	+03	−08	13	20	81	5	01	2	5	5	6	0	0									
29	08	9857	+07	+05	−07	13	25	81	2	01	1	1	5	6	3	0									
29	11	9859	+07	+05	−06	13	22	82	3	03	1	1	5	6	0	0	3								
29	17	9875	+07	+05	−04	13	24	82	2	02	1	2	5	6	0	0	3			13	35			+10	+05
29	23	9901	+06	+05	−03	13	25	82	0	01	1	0	0	9	0	0									
30	05	9945	+02	+01	−08	15	26	82	0	02	0	0	0	9	0	0									
30	08	9972	+04	+02	−07	14	25	82	1	03	0	1	5	6	3	0	3								
30	11	9981	+05	+02	−06	15	28	82	2	03	0	1	5	6	3	0	3								
30	17	0018	+07	+05	−01	14	20	82	7	03	0	5	5	7	3	0				15	35			+08	+00
30	23	0048	+05	+03	−05	14	28	82	1	02	0	0	0	9	3	0									
31	05	0060	+05	+03	−05	00	00	82	0	02	0	0	0	9	0	0									
31	08	0054	+03	+01	−06	00	00	82	0	02	0	0	0	9	0	0									
31	11	0041	+07	+06	−04	00	00	82	1	03	0	0	0	9	0	5									
31	17	0019	+11	+08	−03	00	00	82	2	03	0	0	0	9	0	5									
31	23	9984	+09	+07	−03	00	00	82	5	03	1	0	0	9	0	6				15	35			+18	+02

Results of Surface Observations,
Mawson June, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD AMOUNT	LOW CLOUD TYPE	LOW CLOUD BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	05	9957	+11	+08	+04	00	00	82	3	01	1	0	0	9	3	8									
01	08	9906	+13	+10	+02	14	25	82	2	01	1	0	0	9	3	1									
01	11	9885	+14	+11	+03	15	20	82	4	03	1	1	5	7	3		8								
01	17	9871	+12	+10	+01	00	00	82	7	03	1	5	5	6	1										
01	23	9882	+09	+08	+01	13	15	82	7	02	2	7	5	6						14	32			+18	+06
02	05	9905	+07	+06	+04	00	00	82	1	01	2	0	0	9	-3	0									
02	08	9914	+04	+03	+03	13	16	82	0	02	2	0	0	9	0	0									
02	11	9935	+03	+02	+02	14	15	82	0	02	2	0	0	9	0	0									
02	17	9964	-01	-02	+01	15	23	82	0	02	2	0	0	9	0	0									
02	23	9987	-01	-02	+01	00	00	82	0	02	2	0	0	9	0	0				14	33			+10	-04
03	05	9993	-04	-05	+01	14	10	82	1	03	2	0	0	9	0	5									
03	08	9994	-04	-05	+01	15	07	82	1	02	2	0	0	9	0	5									
03	11	9990	-06	-07	+01	00	00	82	1	02	2	0	0	9	0	5									
03	17	9975	-04	-06	+01	00	00	82	1	02	2	0	0	9	0	5									
03	23	9967	-07	-08	+01	00	00	82	0	02	2	0	0	9	0	0				14	17			-01	-10
04	05	9954	+05	+06	+06	15	25	82	1	03	2	0	0	9	0	1									
04	08	9966	+08	+06	+06	13	23	82	2	02	2	0	0	9	0	1									
04	11	9975	+10	+07	+08	18	25	82	2	03	2	0	0	9	0	5									
04	17	0004	+11	+08	+06	18	07	82	2	02	1	0	0	9	0	5									
04	23	0029	+09	+07	+08	15	15	82	2	02	1	0	0	9	0	5				18	37			+14	-10
05	05	0040	+05	+03	-08	14	15	82	2	02	1	0	0	9	0	1									
05	08	0045	+08	+06	-07	13	16	82	2	03	1	0	0	9	0	1									
05	11	0056	+08	+04	-07	00	00	82	4	03	1	0	0	9	0	1									
05	17	0056	+03	+01	-08	00	00	82	4	02	1	0	0	9	0	1									
05	23	0057	+06	+05	-04	00	00	82	3	02	1	0	0	9	0	5				14	25			+11	+02
06	05	0046	+05	+03	-08	00	00	82	4	03	1	0	0	9	0	5									
06	08	0038	+05	+03	-08	00	00	82	5	03	1	0	0	9	0	5									
06	11	0031	+06	+04	-05	00	00	82	4	02	1	0	0	9	0	5									
06	17	0034	+03	+02	-08	00	00	82	4	01	1	0	0	9	0	5									
06	23	0044	+01	+00	-07	00	00	82	3	02	1	0	0	9	0	5				13	06			+09	-03
07	05	0064	+03	+01	-09	15	08	82	3	02	1	0	0	9	0	1									
07	08	0075	+03	+01	-08	00	00	82	3	02	1	0	0	9	0	1									
07	11	0084	+03	+01	-07	13	10	82	3	02	1	0	0	9	0	1									
07	17	0095	-01	-03	-10	00	00	82	3	02	1	0	0	9	0	1									
07	23	0113	+01	-01	-09	15	07	82	3	02	1	0	0	9	0	1				13	24			+04	-03
08	05	0112	+03	+01	-09	12	20	82	7	03	1	4	5	6	7										
08	08	0106	+03	+02	-09	14	20	82	8	02	2	5	5	6	7										
08	11	0106	+05	+01	-05	14	18	82	8	02	2	6	5	6	7										
08	17	0092	+07	+05	-05	12	15	82	8	02	2	1	5	7	7	7		2							
08	23	0061	+09	+07	-04	13	20	82	8	02	2	1	5	7	1	7		2		12	32			+08	-01
09	05	0033	+11	+09	-03	13	18	82	8	02	2	1	6	7	1			2							
09	08	0013	+12	+09	-02	13	23	82	8	02	2	1	6	7	1			2							
09	11	0001	+14	+11	+01	13	25	82	8	02	2	1	6	6				2							
09	17	9968	+16	+13	+03	13	23	81	8	02	2	1	6	5				2							
09	23	9948	+15	+12	+01	13	20	81	8	02	2	1	6	5				2		12	39			+17	+08
10	05	9911	+14	+11	-02	13	28	80	8	14	2	1	6	5				2							
10	08	9897	+11	+09	-02	13	35	80	8	14	2	1	6	5				2							
10	11	9877	+11	+10	+01	13	35	64	8	14	2	1	6	5				2							
10	17	9818	+14	+12	+04	13	37	40	8	14	2	1	6	5				2							
10	23	9765	+13	+12	+11	14	38	01	8	77	2	7	6	5	0			2		13	57			+15	+09
11	05	9714	+12	+12	+12	13	47	01	8	77	7	0	0	5	0			2							
11	08	9728	+12	+12	+12	13	51	01	8	77	7	0	0	5	0			2							
11	11	9724	+13	+13	+10	13	53	04	8	76	7	0	0	5	0			2							
11	17	9758	+15	+14	+10	12	47	08	8	36	7	0	0	5	0			2							
11	23	9865	+14	+14	+14	07	07	04	8	71	3	0	0	5	0			3		13	72			+16	+11
12	05	9964	+13	+13	+13	12	24	04	8	77	7	0	0	5	0										
12	08	0005	+12	+12	+12	12	21	04	8	77	7	0	0	5	0										
12	11	0024	+13	+13	+12	13	14	04	8	77	7	0	0	5	0										
12	17	0055	+15	+13	+09	12	15	24	8	14	7	0	0	5	0										
12	23	9996	+14	+13	+09	14	18	64	8	05	2	0	0	6	0					12	27			+15	+11
13	05	9952	+08	+06	-01	15	17	81	4	01	2	0	0	9	0	1									
13	08	9940	+08	+07	-02	00	00	82	4	02	1	0	0	9	0	1									
13	11	9930	+07	+06	-01	00	00	82	5	02	1	0	0	9	0	5									
13	17	9984	+06	+05	-04	13	23	82	5	03	1	0	0	9	0	5									
13	23	0021	+05	+05	-03	13	34	04	2	06	3	0	0	9	0	1				13	38			+15	+04

Results of Surface Observations,
Mawson June, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	FROST POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
14	05	9990	+13	+11	+05	14	26	08	8	36	5	8	5	6											
14	08	9944	+20	+18	+10	14	27	08	8	05	3	8	5	6											
14	11	9905	+24	+22	+18	15	37	40	8	05	3	8	5	6											
14	17	9809	+22	+22	+22	12	50	00	8	77	7	8	0	6	2										
14	23	9837	+20	+20	+20	12	41	00	8	77	7	8	0	9	2					12	64			+27	+04
15	05	9794	+22	+22	+22	12	53	00	9	77	7														
15	08	9852	+22	+22	+22	10	41	00	9	77	7														
15	11	9899	+23	+23	+23	09	40	00	9	77	7														
15	17	9958	+23	+23	+23	09	40	00	9	76	7														
15	23	0017	+23	+23	+23	10	45	00	9	77	7									12	62			+24	+19
16	05	0060	+17	+17	+17	10	44	00	9	77	7														
16	08	0066	+18	+18	+18	10	46	00	9	77	7														
16	11	0074	+18	+18	+18	10	45	00	9	77	7														
16	17	0089	+19	+19	+19	10	40	00	9	77	7														
16	23	0082	+17	+17	+17	11	31	16	8	38	3	8	0	9	2					10	49			+23	+17
17	05	0047	+18	+18	+18	11	33	00	9	77	3														
17	08	0030	+18	+18	+18	11	31	00	9	77	7														
17	11	9991	+18	+18	+18	12	42	00	9	77	7														
17	17	9961	+19	+19	+19	10	40	00	9	77	7														
17	23	9924	+17	+17	+17	11	53	00	9	77	7									11	56			+19	+16
18	05	9926	+15	+15	+15	11	47	00	9	77	7														
18	08	9930	+15	+15	+15	11	53	00	9	77	7														
18	11	9941	+17	+17	+17	11	49	00	9	77	7														
18	17	9960	+17	+17	+17	12	45	00	9	77	7														
18	23	9986	+18	+18	+18	12	55	00	9	77	7									11	56			+18	+15
19	05	0014	+16			00	00	80	4	01	2	0	0	9	3	5									
19	08	0003	+15	+12	+02	00	00	82	4	02	1	0	0	9	3	5									
19	11	9995	+15	+13	+05	00	00	82	4	02	1	0	0	9	3	5									
19	17	9951	+14	+12	+03	00	00	82	2	01	1	0	0	9	0	1									
19	23	9890	+16	+14	+03	00	00	82	2	01	1	0	0	9	0	1				13	40			+20	+06
20	05	9827	−06	−06	−09	00	00	82	1	02	0	0	0	9	0	1									
20	08	9794	−08	−09	−10	00	00	82	1	02	0	0	0	9	0	1									
20	11	9775	−10	−10	−12	00	00	82	4	03	0	3	6	4	3	0									
20	17	9753	−00	−01	−02	00	00	81	7	02	4	5	5	6	3	0									
20	23	9702	+03	+03	−01	13	20	80	6	22	2	5	5	6	3	0				13	24			+16	−10
21	05	9707	−00	−01	−06	14	22	80	8	05	2	0	0	9	7	7									
21	08	9719	−01	−02	−09	14	12	80	8	05	2	0	0	9	1	7									
21	11	9726	−01	−03	−10	13	20	80	8	05	2	0	0	9	1	7									
21	17	9753	−05	−06	−12	14	15	81	2	01	2	0	0	9	0	1									
21	23	9774	−10	−10	−17	16	21	82	1	01	1	0	0	9	3	1				14	27			+03	−10
22	05	9806	−11	−12	−18	16	10	82	1	02	0	0	0	9	0	1									
22	08	9812	−08	−09	−15	14	14	82	1	02	0	0	0	9	3	1									
22	11	9809	−07	−08	−17	13	18	82	2	03	1	0	0	9	3	1									
22	17	9818	−07	−08	−13	14	20	82	1	01	1	0	0	9	0	1									
22	23	9808	−03	−04	−08	13	20	82	2	02	1	1	5	7	3	0				14	26			−03	−12
23	05	9302	+05	+04	−04	13	15	82	7	03	1	3	5	7	3	0	2								
23	08	9793	+04	+03	−02	13	20	82	4	01	2	1	5	7	3	0	2								
23	11	9789	+02	+01	−04	13	24	82	3	01	1	1	5	7	4	1	2								
23	17	9782	+06	+05	−02	15	15	82	5	03	1	3	5	7	3	0	2								
23	23	9776	+07	+06	−01	14	06	82	7	03	1	7	5	7						14	28			+08	−03
24	05	9795	−01	−02	−09	14	17	82	1	01	2	1	5	7	0	0									
24	08	9823	−01	−02	−10	00	00	82	0	01	1	0	0	9	0	0									
24	11	9842	−04	−05	−11	15	10	82	0	02	0	0	0	9	0	0									
24	17	9877	−05	−06	−12	14	23	82	0	02	0	0	0	9	0	0									
24	23	9907	−09	−10	−15	15	23	82	0	02	0	0	0	9	0	0				15	31			+07	−11
25	05	9922	−06	−07	−14	14	27	82	1	03	0	0	0	9	3	0									
25	08	9931	−07	−08	−14	13	23	82	1	02	1	0	0	9	3	1									
25	11	9915	−04	−05	−13	13	26	82	2	03	2	0	0	9	3	6									
25	17	9894	−03	−04	−12	14	07	82	0	01	3	0	0	9	0	8									
25	23	9810	+07	+07	+07	13	45	00	0	36	3	0	0	9	0	0				13	50			+08	−12
26	05	9782	+09	+09	+09	13	45	00	9	36	3														
26	08	9771	+09	+09	+09	13	47	00	9	36	3														
26	11	9770	+10	+10	+10	13	48	00	9	37	3														
26	17	9771	+08	+08	+07	13	45	00	9	36	3														
26	23	9774	+10	+10	+08	13	45	01	7	36	3	7	5	7						13	55			+10	+07

Results of Surface Observations,
Mawson June, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	FROST POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
27	05	9793	+12	+11	+07	15	25	80	7	36	3	7	5	7											
27	08	9789	+10	+08	+00	15	30	81	7	02	3	7	5	7			5								
27	11	9785	+10	+08	-01	15	31	81	6	02	2	5	5	7	3	0	5								
27	17	9804	+06	+04	-06	14	15	82	0	01	1	0	0	9	0	0									
27	23	9826	+01	+00	-09	00	00	82	0	02	0	0	0	9	0	0				14	45			+12	+01
28	05	9843	-01	-02	-13	15	25	82	0	02	0	0	0	9	0	0									
28	08	9853	-01	-03	-13	18	05	82	0	02	0	0	0	9	0	0									
28	11	9849	-01	-03	-13	00	00	83	0	02	0	0	0	9	0	0									
28	17	9846	-06	-07	-14	00	00	83	1	03	0	0	0	9	0	1									
28	23	9845	-07	-08	-17	15	18	83	0	02	0	0	0	9	0	0				15	29			+02	-07
29	05	9852	-10	-11	-19	15	15	82	0	02	0	0	0	9	0	0									
29	08	9839	-10	-11	-19	15	20	82	1	03	0	1	5	6	0	0									
29	11	9842	-10	-11	-19	14	20	82	3	03	1	3	5	6	0	1	2								
29	17	9840	-10	-11	-19	14	10	82	1	01	2	1	5	5	3	0	1								
29	23	9836	-13	-14	-21	14	14	82	0	02	0	0	0	9	0	0				13	28			-05	-13
30	05	9826	-10	-11	-21	15	15	82	1	03	0	0	0	9	0	1									
30	08	9818	-08	-09	-21	14	24	82	2	02	1	0	0	9	0	1									
30	11	9817	-07	-08	-16	14	20	82	6	03	1	2	5	6	7	1	4								
30	17	9841	-08	-09	-18	15	23	82	7	02	2	7	5	6											
30	23	9870	-13	-14	-24	15	25	82	0	01	2	0	0	9	0	0				14	35			-04	-14

Results of Surface Observations,
Mawson July, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	FROST POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	05	9881	-15	-16	-26	15	21	82	0	02	C	0	0	99	0	0									
01	08	9894	-15	-16	-26	15	22	82	0	02	C	0	0	99	0	0									
01	11	9905	-17	-18	-27	15	18	82	0	02	C	0	0	99	0	0									
01	17	9921	-15	-16	-28	15	18	82	0	02	C	0	0	99	0	0				13	28			-12	-19
01	23	9931	-19	-20	-31	14	25	82	0	02	C	0	0	99	0	0									
02	05	9934	-19	-19	-31	14	25	82	1	03	C	0	0	99	0	1									
02	08	9955	-14	-15	-26	14	16	82	3	03	C	0	0	99	0	5									
02	11	9923	-15	-16	-24	14	26	81	4	36	C	0	0	99	0	8									
02	17	9918	-13	-14	-22	14	24	81	3	36	C	0	0	99	0	1				14	36			-12	-19
02	23	9920	-12	-13	-23	14	25	82	1	01	1	0	0	99	0	1									
03	05	9922	-14	-15	-26	14	21	82	1	02	1	0	0	99	0	1									
03	08	9950	-14	-15	-24	14	23	82	2	02	1	0	0	99	0	1									
03	11	9933	-15	-16	-24	15	15	82	2	03	1	0	0	99	0	1									
03	17	9951	-15	-15	-25	15	03	82	1	01	1	0	0	99	0	1				16	30			-10	-16
03	23	9966	-12	-13	-23	00	00	82	1	02	0	0	0	99	0	1									
04	05	9979	-13	-14	-24	00	00	82	1	02	0	0	0	99	0	1									
04	08	9980	-12	-13	-23	00	00	82	2	02	0	0	0	99	0	1									
04	11	9976	-10	-11	-19	00	00	82	8	03	1	0	0	99	0	7									
04	17	9975	-12	-13	-23	00	00	82	8	02	2	0	0	99	0	7				15	14			-10	-14
04	23	9966	-11	-12	-21	00	00	81	8	02	2	0	0	99	0	7									
05	05	9964	-12	-13	-22	00	00	81	8	02	2	0	0	99	0	7									
05	08	9963	-11	-12	-21	00	00	81	8	02	2	0	0	99	0	7									
05	11	9966	-13	-13	-22	00	00	81	8	02	2	0	0	99	0	7									
05	17	9972	-13	-14	-22	00	00	81	8	02	2	0	0	99	0	7								-10	-16
05	23	9977	-14	-15	-26	00	00	82	3	01	2	0	0	99	0	8									
06	05	9994	-16	-16	-26	00	00	82	3	02	1	0	0	99	0	8									
06	08	0001	-15	-16	-24	00	00	82	1	01	1	0	0	99	0	1									
06	11	0006	-17	-17	-25	15	03	82	1	01	1	0	0	99	0	5									
06	17	0015	-18	-19	-27	00	00	82	2	03	1	0	0	99	7	5								-13	-19
06	23	0029	-16	-17	-24	00	00	82	6	03	1	C	0	99											
07	05	0045	-16	-16	-22	00	00	82	6	02	1	0	0	99	7	9									
07	08	0054	-03	-04	-15	19	03	82	6	02	1	0	0	99	7	7									
07	11	0076	-02	-03	-11	00	00	82	7	02	2	0	0	99	7	7									
07	17	0106	+02	+01	-10	19	06	82	7	02	2	0	0	99	7	0				15	23			+02	-17
07	23	0100	-05	-04	-14	00	00	82	3	01	2	0	0	99											
08	05	0082	-05	-06	-15	14	04	82	0	01	1	0	0	99	3	0									
08	08	0057	-01	-02	-14	14	06	82	1	03	C	0	0	99	3	0									
08	11	0025	-04	-05	-13	15	28	82	1	02	C	0	0	99	3	0									
08	17	0029	-11	-11	-17	15	23	82	1	02	3	0	0	99	3	0				15	62			+02	-13
08	23	0052	-12	-13	-23	14	10	82	1	03	C	C	0	99	3	0									
09	05	0056	-13	-14	-24	00	00	82	1	02	C	0	0	99	3	0									
09	08	0013	-15	-15	-26	09	03	82	1	02	C	0	0	99	3	0									
09	11	0011	-14	-15	-24	13	10	82	2	03	1	0	0	99	3	0									
09	17	9986	-12	-13	-19	14	07	82	2	02	1	0	0	99	3	0				13	38			-11	-16
09	23	9991	-16	-16	-24	00	00	82	3	03	1	0	0	99	0	1									
10	05	9988	-17	-17	-27	14	10	82	1	01	1	0	0	99	0	1									
10	08	9989	-17	-18	-27	14	13	82	1	02	1	0	0	99	0	1									
10	11	9983	-15	-16	-26	12	15	82	1	02	1	0	0	99	0	1									
10	17	9995	-17	-18	-27	00	00	82	1	02	1	0	0	99	0	5				13	24			-12	-21
10	23	9976	-15	-16	-22	15	17	82	2	03	1	0	0	99	0	5									
11	05	9984	-13	-13	-18	13	30	84	2	36	3	0	0	99	0	0									
11	08	9978	-11	-11	-14	13	31	16	4	36	3	4	5	99	0	0									
11	11	9970	-10	-10	-12	13	27	08	0	36	3	C	0	99	0	0									
11	17	9961	-08	-08	-10	13	35	00	0	36	3	C	5	99	0	3				13	45			-05	-15
11	23	9948	-05	-05	-08	14	40	00	7	36	3	5	5	99	3										
12	05	9915	-04	-04	-07	14	38	00	7	36	3	4	5	5	3										
12	08	9910	-05	-05	-08	15	33	08	7	36	3	7	5	5	5	3									
12	11	9906	-04	-05	-08	14	25	40	7	36	3	5	5	5	6	3		2							
12	17	9899	-12	-14	-17	14	40	40	7	36	3	1	5	5	7	3	0			13	43			-02	-13
12	23	9883	-09	-10	-15	14	25	80	1	36	3	1	5	5	7	0	0								
13	05	9887	-04	-05	-11	13	23	80	7	36	3	2	5	5	7	3	1								
13	08	9894	-04	-05	-11	13	23	80	4	36	3	3	5	5	7	3	1								
13	11	9905	-03	-04	-11	13	25	80	3	36	3	2	5	5	7	3	1								
13	17	9923	-07	-08	-14	14	24	81	1	02	3	0	0	99	9	7	0			15	43			-01	-12
13	23	9923	-11	-12	-18	14	30	82	0	02	3	0	0	99	9	0	0								

Results of Surface Observations, Mawson July, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	FROST POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
14	05	9935	- 06	- 09	- 16	14	12	82	0	02	C	0	0	9	C	0									
14	08	9934	- 08	- 09	- 16	00	00	82	0	02	C	0	0	9	C	0									
14	11	9946	- 11	- 11	- 18	00	00	82	0	02	C	0	0	9	C	0									
14	17	9969	- 06	- 07	- 14	14	25	82	0	02	C	0	0	9	C	0									
14	23	9993	- 01	- 02	- 11	15	15	82	0	02	C	0	0	9	C	0				15	40			+ 01	- 12
15	05	0006	+ 00	- 01	- 05	14	32	82	3	03	C	0	0	9	7	0									
15	08	0005	+ 06	- 01	- 07	14	31	80	7	03	C	2	5	7	7										
15	11	0007	+ 08	+ 06	+ 00	13	31	80	7	02	C	6	5	7	3		3								
15	17	0016	+ 10	+ 08	+ 00	14	31	80	7	02	C	7	5	7			3								
15	23	0012	+ 08	+ 07	+ 02	14	21	82	8	02	2	6	5	7	7					14	54			+ 11	- 04
16	05	0000	+ 01	+ 00	- 07	14	23	82	2	01	2	0	0	9	7	0									
16	08	9996	+ 00	- 01	- 08	14	10	82	1	02	1	0	0	9	3	0									
16	11	9988	- 01	- 02	- 09	15	14	82	1	02	1	0	0	9	3	0									
16	17	9996	- 07	- 08	- 13	14	23	82	1	02	1	0	0	9	7	0									
16	23	0014	- 07	- 08	- 14	14	14	82	3	03	1	0	0	9	7	5				14	38			+ 10	- 08
17	05	0036	- 08	- 09	- 14	14	21	81	8	03	1	0	0	9	7	7									
17	08	0048	- 07	- 07	- 14	14	19	81	8	02	1	0	0	9	7										
17	11	0059	- 07	- 08	- 14	14	23	80	8	02	2	0	5	9	7										
17	17	0069	- 08	- 08	- 14	14	26	82	8	01	1	2	5	7	3										
17	23	0053	- 07	- 08	- 15	14	18	82	3	01	1	0	0	9	7	8				15	42			- 04	- 10
18	05	9996	- 06	- 07	- 12	13	38	80	7	03	1	0	0	9	0	7									
18	08	9968	- 03	- 03	- 07	13	32	40	6	36	3	0	0	9	0										
18	11	9949	- 02	- 02	- 02	13	37	01	6	36	3	0	0	9	0										
18	17	9946	+ 05	+ 04	+ 03	13	34	40	6	36	3	0	0	9	0										
18	23	9967	+ 09	+ 07	+ 00	13	32	80	8	02	3	0	0	9	0	7				13	59			+ 09	- 09
19	05	9998	+ 11	+ 09	+ 02	13	32	80	8	02	2	0	0	9	7										
19	08	0009	+ 13	+ 11	+ 02	13	26	80	6	01	2	0	0	9	7										
19	11	0010	+ 12	+ 10	+ 03	13	26	81	5	01	1	0	0	9	7	0									
19	17	0013	+ 11	+ 09	+ 03	13	32	81	3	01	1	0	0	9	7	4									
19	23	0016	+ 14	+ 12	+ 05	13	32	81	8	03	1	0	0	9	7	0				13	51			+ 15	+ 09
20	05	0025	+ 13	+ 11	+ 06	13	30	80	8	02	2	0	0	7	2										
20	08	0032	+ 12	+ 12	+ 12	13	31	08	8	36	3	0	0	7	2										
20	11	0038	+ 13	+ 13	+ 12	13	27	08	8	36	3	0	0	7	2										
20	17	0040	+ 15	+ 14	+ 11	13	32	80	8	36	3	0	0	7	2										
20	23	0029	+ 15	+ 14	+ 11	13	31	80	5	01	3	2	5	7	7	8				13	48			+ 19	+ 12
21	05	9995	+ 22	+ 19	+ 13	13	35	81	5	02	2	8	5	7	7										
21	08	9984	+ 24	+ 21	+ 11	13	36	81	4	01	1	3	5	9	7										
21	11	9991	+ 24	+ 20	+ 11	12	37	81	5	03	1	0	5	7	7										
21	17	9987	+ 19	+ 17	+ 09	12	30	81	2	01	1	1	5	9	7	0									
21	23	9987	+ 24	+ 20	+ 07	13	30	82	0	01	1	0	5	7	3	0				13	54			+ 25	+ 15
22	05	9973	+ 22	+ 18	+ 09	15	25	82	0	02	C	0	5	9	0	0									
22	08	9972	+ 21	+ 18	+ 07	14	21	82	0	02	C	0	5	9	0										
22	11	9972	+ 21	+ 18	+ 09	15	12	82	0	02	C	0	5	9	0										
22	17	9975	+ 17	+ 14	+ 06	15	18	82	0	01	C	0	5	9	0										
22	23	9977	+ 15	+ 13	+ 05	14	15	82	0	02	C	0	5	9	0	0				13	45			+ 25	+ 14
23	05	9982	+ 16	+ 14	+ 04	14	18	82	0	02	C	0	5	9	0										
23	08	9984	+ 18	+ 15	+ 05	14	21	82	0	02	C	0	5	9	0										
23	11	9992	+ 19	+ 16	+ 06	13	22	82	0	03	C	0	5	9	0										
23	17	0016	+ 18	+ 15	+ 06	14	14	82	1	03	C	0	5	9	0										
23	23	0042	+ 12	+ 10	+ 03	13	23	82	1	01	C	0	5	9	0	0			3	13	35			+ 20	+ 10
24	05	0067	+ 13	+ 10	+ 01	18	07	82	0	02	C	0	5	9	0										
24	08	0067	+ 10	+ 07	- 01	15	26	82	0	02	C	0	5	9	0										
24	11	0063	+ 15	+ 12	- 01	14	20	82	0	02	C	0	5	9	0										
24	17	0047	+ 17	+ 14	+ 05	15	23	82	0	03	C	0	5	9	0										
24	23	0040	+ 20	+ 17	+ 07	15	42	82	0	02	C	0	5	9	0	0				15	66			+ 22	+ 09
25	05	0072	+ 21	+ 17	+ 07	15	44	82	0	02	C	0	5	9	0										
25	08	0090	+ 23	+ 19	+ 08	15	40	82	0	02	C	0	5	9	0										
25	11	0138	+ 26	+ 21	+ 11	00	00	82	0	03	C	0	5	9	0										
25	17	0172	+ 23	+ 19	+ 08	00	00	82	1	02	C	0	5	9	0										
25	23	0157	+ 26	+ 20	+ 04	20	18	82	0	02	C	0	5	9	0	0				14	69			+ 28	+ 18
26	05	0127	+ 26	+ 22	+ 05	00	00	82	0	02	C	0	5	9	0										
26	08	0101	+ 27	+ 21	+ 06	00	00	82	0	02	C	0	5	9	0										
26	11	0059	+ 30	+ 24	+ 10	15	34	82	0	03	C	0	5	9	0										
26	17	0000	+ 26	+ 25	+ 11	14	31	82	1	02	C	0	5	9	0	0									
26	23	9907	+ 24	+ 20	+ 07	15	53	82	0	02	C	0	5	9	0	0				15	78			+ 35	+ 21

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	FROST POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
27	05	9968	+22	+18	+08	13	35	81	3	03	0	3	5	7	3	0	3								
27	08	0001	+20	+17	+06	12	21	81	3	02	1	0	0	9	4	0									
27	11	0006	+20	+17	+07	13	23	81	3	02	1	0	0	9	4	5									
27	17	0003	+17	+14	+04	18	05	82	1	01	1	0	0	9	3	0									
27	23	9964	+16	+13	+02	15	18	82	1	02	0	0	0	9	3	0				15	84			+27	12
28	05	9950	+15	+10	-02	13	19	82	1	02	0	0	0	9	3	0									
28	08	9951	+12	+09	-02	13	12	82	1	02	0	0	0	9	3	0									
28	11	9935	+13	+10	-05	13	25	82	1	02	0	0	0	9	0	1									
28	17	9950	+05	+03	-08	14	08	82	1	02	0	0	0	9	3	1									
28	23	9956	+00	-02	-13	13	24	82	0	02	0	0	0	9	0	0				13	45			+17	01
29	05	9957	-07	-09	-19	14	23	82	0	02	0	0	0	9	0	0									
29	08	9959	-11	-12	-23	14	33	82	0	02	0	0	0	9	0	0									
29	11	9953	-09	-10	-21	14	23	82	0	02	0	0	0	9	0	0									
29	17	9966	-05	-06	-20	13	32	82	1	03	0	0	0	9	4	0									
29	23	9950	+05	+04	-01	15	15	80	8	03	1	8	5	5			2			13	48			+05	12
30	05	9939	+06	+07	+03	12	32	40	8	22	2	8	5	5			2								
30	08	9945	+10	+09	+05	12	29	24	8	05	2	8	5	5			2								
30	11	9939	+10	+10	+10	12	35	00	8	36	3	8	5	5											
30	17	9965	+08	+07	+03	12	28	81	2	02	3	1	5	7	4	9	2								
30	23	9981	+08	+06	-02	13	24	81	3	03	1	1	5	7	3	0	2			12	46			+12	04
31	05	9950	+11	+09	+00	09	18	81	2	01	1	1	5	7	3	0	2								
31	08	9934	+07	+06	-01	10	16	81	3	03	1	1	5	7	3	0	2								
31	11	9927	+06	+05	-02	13	26	81	3	02	1	1	5	7	3	0	2								
31	17	9917	+11	+09	+02	12	22	82	7	03	1	5	5	7	3		2								
31	23	9904	+13	+11	+01	13	33	80	8	05	2	8	5	6						13	49			+14	04

Results of Surface Observations, August, 1954

Mawson

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	FROST POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	05	9917	+13	+11	+03	13	28	80	8	05	2	8	5	6											
01	08	9932	+14	+11	+04	13	24	64	8	05	2	8	5	6											
01	11	9937	+13	+11	+08	13	23	40	8	15	2	8	5	6											
01	17	9961	+11	+10	+04	12	23	80	7	05	7	7	5	7											
01	23	9965	+09	+07	+00	12	25	80	3	02	1	3	5	7	0	0	3			13	49			+14	+08
02	05	9976	+09	+08	+01	13	12	80	7	05	1	7	5	7			3								
02	08	9974	+09	+08	+01	13	18	80	8	05	2	7	5	6			3								
02	11	9971	+10	+08	+00	13	20	80	8	05	2	8	5	7			3								
02	17	9966	+07	+06	−03	13	15	80	8	05	2	8	5	7			2								
02	23	9960	+06	+04	−06	13	25	80	1	01	1	0	0	9	3	1	0			14	37			+10	+05
03	05	9954	+02	+00	−08	13	26	80	2	03	0	1	5	7	3	0									
03	08	9952	+01	−00	−09	13	21	81	6	03	1	4	5	7	3	0	3								
03	11	9950	+05	+05	−06	13	15	81	6	02	2	4	5	7	3	0	3								
03	17	9962	+00	−01	−09	13	15	82	2	01	1	0	0	9	3	1									
03	23	9984	+01	−00	−13	13	23	82	2	02	1	1	5	7	3	0	3			13	38			+06	−02
04	05	0012	−03	−04	−15	13	23	82	1	01	1	0	0	9	3	0									
04	08	0036	−05	−06	−17	13	24	82	1	02	1	0	0	9	3	1									
04	11	0043	−04	−05	−17	13	20	82	1	02	1	0	0	9	3	1									
04	17	0066	−10	−11	−21	14	15	82	0	02	0	0	0	9	3	0									
04	23	0082	−13	−14	−24	13	23	82	0	02	0	0	0	9	3	0				13	40			+01	−13
05	05	0075	−14	−15	−26	13	22	82	0	02	0	0	0	9	3	0									
05	08	0063	−15	−15	−26	13	23	82	0	02	0	0	0	9	3	0									
05	11	0061	−16	−16	−26	13	25	82	0	02	0	0	0	9	3	0									
05	17	0052	−15	−15	−26	13	21	83	0	02	0	0	0	9	3	0									
05	23	0035	−15	−16	−26	13	21	82	0	02	0	0	0	9	3	0				13	38			−12	−16
06	05	0005	−08	−09	−15	13	25	82	0	02	0	0	0	9	3	0									
06	08	9979	−01	−02	−11	13	23	80	2	03	0	0	0	9	4	1									
06	11	9973	+01	−00	−11	13	32	80	3	03	1	0	0	9	5	2									
06	17	9949	+05	+01	−11	13	40	80	3	02	1	0	0	9	5	2									
06	23	9934	+02	+01	−10	13	39	80	8	02	2	0	0	9	5	7				13	70			+03	−16
07	05	9909	+02	+01	−06	13	32	80	8	02	3	0	0	9	5	7									
07	08	9891	+06	+05	−04	13	38	80	8	02	3	0	0	9	5	7									
07	11	9885	+09	+07	−01	13	40	64	9	38	3														
07	17	9863	+10	+09	+02	13	41	24	9	38	3														
07	23	9822	+10	+10	+09	13	47	01	9	36	3									13	74			+11	−01
08	05	9805	+15	+13	+03	13	45	16	9	36	3														
08	08	9800	+17	+15	+06	13	35	24	9	38	3														
08	11	9768	+16	+15	+11	13	44	01	8	36	3														
08	17	9730	+16	+15	+05	13	40	80	8	38	3	8	5	7			3								
08	23	9710	+19	+17	+11	13	38	80	8	02	2	8	5	5			3			13	67			+19	+10
09	05	9743	+17	+17	+17	13	30	01	9	36	3														
09	08	9773	+16	+15	+15	13	31	40	8	36	3														
09	11	9803	+17	+15	+11	13	31	80	8	02	3	8	5	5			3								
09	17	9854	+18	+17	+14	13	31	02	9	36	3	6	5	7	0	2	3								
09	23	9916	+16	+16	+15	13	21	02	9	36	3									13	54			+21	+15
10	05	9955	+16	+14	+08	13	23	80	8	02	3	8	5	7											
10	08	9973	+16	+14	+08	13	24	81	8	02	3	8	5	7			3								
10	11	9983	+16	+14	+06	13	31	81	8	02	2	8	5	7			3								
10	17	9986	+14	+12	+03	13	27	82	8	02	2	8	5	7			2								
10	23	9974	+11	+09	−01	13	27	82	8	02	2	7	5	7	4		2			13	52			+17	+11
11	05	9959	+11	+09	−02	13	19	82	7	01	2	7	5	7			2								
11	08	9951	+08	+06	−04	14	15	82	3	01	2	2	5	7											
11	11	9950	+05	+04	−05	13	24	82	2	01	2	1	5	7	3	0									
11	17	9941	+04	+03	−07	13	18	82	1	02	0	0	0	9	3	0									
11	23	9944	+03	+01	−08	14	10	82	0	02	0	0	0	9	3	0				13	40			+11	+03
12	05	9931	+02	+00	−10	14	22	82	1	02	0	1	5	7	3	0									
12	08	9942	+05	+03	−08	13	25	82	2	03	0	1	5	7	3	0									
12	11	9942	+04	+03	−08	13	26	82	3	03	0	1	5	7	3	0	3								
12	17	9952	+03	+01	−08	13	26	82	1	01	0	0	0	9	3	0									
12	23	9953	+00	−01	−11	14	21	82	1	02	0	0	0	9	3	1				13	41			+06	−01
13	05	9955	+00	−01	−11	13	15	82	1	02	0	0	0	9	3	1									
13	08	9951	−01	−03	−11	14	22	82	2	02	0	0	0	9	3	1									
13	11	9947	−01	−02	−11	14	22	82	3	03	0	0	0	9	3	1									
13	17	9955	+05	+03	−07	13	20	82	4	02	0	0	0	9	3	1									
13	23	9915	+03	+02	−06	14	17	82	5	03	1	0	0	9	3	5				13	36			+07	−02

Results of Surface Observations,
Mawson August, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	FROST POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
14	05	9898	+06	+05	+00	13	20	00	8	03	1	0	0	99	7	7									
14	08	9893	+05	+04	−02	13	23	48	8	15	7	3	0	55	2	7									
14	11	9884	+05	+04	+01	13	22	80	7	02	2	2	5	55	3	1	2								
14	17	9895	+06	+05	+00	13	21	80	8	02	2	6	5	55	7		2								
14	23	9913	+04	+03	−04	13	18	81	5	01	2	0	0	99	3	8				13	35			+06	+03
15	05	9925	+02	+01	−06	14	10	82	4	01	1	0	0	99	3	8									
15	08	9931	+01	+00	−06	14	09	82	2	01	1	0	0	99	3	1									
15	11	9936	+01	+01	−08	15	07	82	1	02	1	0	0	99	3	1									
15	17	9942	−05	−06	−14	14	12	82	2	02	1	0	0	99	3	1									
15	23	9938	−06	−07	−15	00	00	82	3	03	1	0	0	99	1	1				14	22			+04	−07
16	05	9931	−04	−05	−11	00	00	82	8	02	2	8	5	55	3	8	6								
16	08	9929	−04	−05	−11	14	08	82	1	01	2	1	5	55	3	0	6								
16	11	9924	−08	−09	−15	14	16	82	3	03	1	0	0	99	0	8									
16	17	9947	−08	−09	−13	00	00	82	3	02	1	0	0	99	0	8									
16	23	9933	−07	−08	−14	00	00	82	8	03	1	8	0	98	2		6			16	40			−03	−09
17	05	9865	−05	−05	−08	10	25	08	8	77	2	8	0	55	2										
17	08	9774	−08	−08	−08	12	35	00	9	77	7														
17	11	9702	−00	−00	−00	12	40	00	9	77	7														
17	17	9740	+02	+02	+01	14	26	01	9	36	7														
17	23	9798	−03	−03	−04	00	00	80	3	01	7	3	5	55	0	0				12	50			+04	−08
18	05	9788	+00	−01	−04	14	18	81	2	36	3	0	0	99	3	1									
18	08	9809	+03	−04	−05	12	21	82	3	02	3	0	0	99	0	1									
18	11	9828	+01	−02	−06	14	22	82	2	02	3	0	0	99	4	1									
18	17	9844	−04	−05	−12	00	00	82	1	02	1	0	0	99	0	1									
18	23	9843	−06	−07	−17	00	00	82	1	02	0	0	0	99	0	1				13	35			+02	−07
19	05	9830	−09	−10	−19	15	15	82	1	02	0	0	0	99	0	1									
19	08	9828	−10	−11	−19	00	00	82	1	02	0	0	0	99	4	1									
19	11	9843	−09	−10	−19	00	00	82	1	02	0	0	0	99	3	0									
19	17	9877	−11	−12	−19	00	00	82	0	02	0	0	0	99	0	0				14	16			−05	−14
19	23	9881	−12	−13	−21	15	09	83	0	02	0	0	0	99	1	0									
20	05	9886	−13	−14	−24	14	16	82	2	03	0	0	0	99	1	1									
20	08	9859	−12	−13	−25	13	29	82	5	03	1	2	5	55	7	7									
20	11	9856	−11	−12	−21	13	27	82	7	03	3	2	5	55	7	5									
20	17	9907	−12	−13	−23	00	00	82	5	01	2	0	0	99	7	1									
20	23	9954	−17	−18	−25	14	18	82	0	01	1	0	0	99	0	0				13	39			−07	−18
21	05	9949	−17	−17	−25	00	00	81	2	03	0	2	6	55	0	0									
21	08	9937	−15	−16	−24	00	00	81	3	03	1	8	0	55	3	5									
21	11	9959	−14	−15	−24	14	14	82	3	01	2	0	0	99											
21	17	9917	−12	−13	−21	12	22	81	3	03	1	8	6	7											
21	23	9803	−10	−10	−10	11	43	00	9	37	7									12	55			−10	−19
22	05	9768	−07	−07	−07	12	43	00	9	37	7														
22	08	9765	−08	−08	−08	12	42	00	9	37	7														
22	11	9778	−07	−07	−08	12	37	00	9	37	7														
22	17	9789	−04	−04	−04	13	37	00	9	37	7														
22	23	9830	−05	−04	−08	14	20	80	9	36	3									12	52			−03	−10
23	05	9862	−05	−06	−10	15	08	81	8	02	7	3	6	55	0										
23	08	9861	−06	−06	−12	15	09	82	6	01	2	2	4	85	1										
23	11	9860	−07	−08	−14	00	00	82	2	01	1	1	8	55	0										
23	17	9852	−10	−10	−14	14	17	82	1	02	0	0	0	99	3		1								
23	23	9846	−12	−13	−19	14	15	82	0	02	0	0	0	99	0		0			14	27			−03	−14
24	05	9841	−14	−15	−22	13	17	82	0	02	0	0	0	99	0	0	0								
24	08	9833	−15	−16	−22	14	16	82	1	03	0	0	0	99	4	1	1								
24	11	9828	−16	−16	−22	13	23	82	2	01	1	0	0	99	0	0									
24	17	9822	−15	−15	−20	13	23	82	2	03	3	2	5	55	0	5	1								
24	23	9821	−16	−17	−24	14	24	81	3	02	3	2	5	56	0	0	1			14	33			−12	−17
25	05	9842	−16	−17	−26	14	21	81	3	02	3	0	0	99	0	0	5								
25	08	9863	−16	−17	−26	15	15	81	2	02	1	1	0	99	0	0	5								
25	11	9878	−14	−14	−24	14	15	81	3	02	1	1	0	99	0	0	6								
25	17	9895	−13	−14	−23	14	26	81	5	03	3	3	0	99	0	0	0								
25	23	9900	−13	−14	−24	13	26	81	0	02	3	0	0	99	0	0	0			14	37			−13	−17
26	05	9907	−14	−15	−22	00	00	82	1	03	0	1	5	77	0	0	5		6						
26	08	9908	−14	−15	−22	00	00	82	3	03	1	2	5	77	3	0	5	6	6						
26	11	9908	−13	−14	−21	00	00	82	5	03	1	3	5	78	3	0	6	6	6						
26	17	9910	−13	−13	−20	00	00	82	7	02	2	3	5	78	3	0	6	6	6	13	32			−10	−16
26	23	9908	−13	−13	−19	00	00	82																	

Results of Surface Observations, Mawson August, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	FROST POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
27	05	9899	-16	-16	-20	00	00	82	3	01	2	0	0	9	3	1									
27	08	9901	-16	-16	-20	00	00	82	2	01	1	0	0	9	3	1									
27	11	9902	-15	-16	-21	00	00	82	7	03	1	0	0	9	0	6									
27	17	9892	-16	-17	-20	00	00	82	7	02	2	0	0	9	3	6		7							
27	23	9883	-14	-15	-21	00	00	82	2	01	2	0	0	9	0	0	6			17	06			-13	-17
28	05	9871	-16	-16	-22	00	00	82	5	03	1	3	6	8	7	0									
28	08	9865	-15	-15	-22	00	00	82	8	02	2	5	6	8	7	0									
28	11	9862	-14	-14	-21	00	00	82	8	02	2	2	6	8	7	0									
28	17	9856	-11	-11	-16	09	01	24	8	16	2	8	0	5	7	7									
28	23	9856	-11	-11	-15	00	00	24	8	71	7	8	5	5	7	2	2			09	13			-10	-16
29	05	9860	-11	-12	-14	00	00	24	8	71	7	8	5	5	7										
29	08	9864	-11	-11	-14	00	00	24	8	71	7	8	5	5	7										
29	11	9870	-10	-10	-13	00	00	24	8	02	7	8	5	5	7										
29	17	9882	-12	-12	-15	13	15	81	1	02	7	7	0	7	9	3									
29	23	9892	-16	-16	-20	13	20	82	0	02	6	0	0	9	0	0				13	26			-09	-16
30	05	9896	-16	-16	-22	14	17	82	0	02	6	0	0	9	0	0									
30	08	9900	-16	-17	-24	00	00	82	8	03	2	0	0	9	0	7									
30	11	9897	-17	-17	-25	00	00	82	4	02	2	0	0	9	0	7									
30	17	9890	-16	-16	-22	00	00	82	2	01	2	0	0	9	3	0	7			14	25			-13	-18
30	23	9887	-16	-17	-26	00	00	82	2	01	1	0	0	9	3	0									
31	05	9869	-18	-18	-25	15	22	82	3	03	1	0	0	9	7	0									
31	08	9863	-17	-17	-25	15	17	82	5	03	1	0	0	9	7	5									
31	11	9855	-14	-15	-21	15	18	82	8	03	2	0	0	9	7	7									
31	17	9837	-08	-09	-18	14	07	82	8	02	2	0	0	9	7	7									
31	23	9814	-09	-10	-20	13	10	81	3	01	2	0	0	9	0	8	2			13	26			-08	-18

Results of Surface Observations,
Mawson September 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	FROST POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
01	05	9771	-10	-11	-19	00	00	82	1	01	1	1	6	6	0	0	2								
01	08	9745	-11	-12	-20	14	10	82	8	03	1	8	6	6			2								
01	11	9713	-12	-12	-19	00	00	82	8	02	2	3	6	6	0	7	2								
01	17	9671	-13	-13	-19	00	00	82	8	02	2	3	6	6	3	7	2								
01	23	9653	-16	-17	-24	00	00	82	0	01	2	0	0	9	0	0				13	25			-09	-20
02	05	9646	-19	-20	-24	13	20	82	2	03	0	1	5	6	3	0									
02	08	9642	-19	-19	-24	13	24	81	6	36	3	4	5	6	3	0									
02	11	9629	-15	-15	-20	13	25	80	6	36	3	3	5	6	3	1	2								
02	17	9559	-09	-09	-12	13	45	00	7	37	3	3	5	6	3	1	2								
02	23	9528	-04	-05	-09	14	33	06	3	36	3	3	5	6	0	0				13	56			-04	-20
03	05	9494	-03	-03	-06	16	30	16	8	36	3	8	5	6											
03	08	9474	-00	-01	-07	15	23	40	8	38	3	8	5	6											
03	11	9461	+03	+02	-03	15	07	80	8	38	3	8	6	5											
03	17	9473	+02	+02	+00	13	15	24	8	36	7	8	5	5											
03	23	9524	-01	-03	-11	13	25	80	2	01	2	2	5	6	0	0	2			15	55			+03	-06
04	05	9587	-05	-07	-15	14	27	81	0	02	1	0	0	9	0	0									
04	08	9628	-05	-06	-15	14	15	81	2	03	0	2	5	6	0	0	2								
04	11	9659	-02	-03	-10	14	18	81	2	02	1	2	5	6	0	0	3								
04	17	9721	-01	-02	-11	14	25	81	4	03	1	4	5	6	0	0	2								
04	23	9786	-04	-05	-14	15	15	82	2	01	1	2	5	7	0	0	2			13	40			+00	-06
05	05	9843	-13	-13	-21	14	26	82	0	01	1	0	0	9	0	0									
05	08	9853	-15	-15	-22	14	23	82	0	02	0	0	0	9	0	0									
05	11	9855	-11	-11	-20	14	25	83	0	02	0	0	0	9	0	0									
05	17	9881	-09	-10	-18	14	23	82	0	02	0	0	0	9	0	0									
05	23	9921	-12	-13	-22	13	22	82	0	02	0	0	0	9	0	0				14	42			-04	-16
06	05	9945	-15	-16	-24	15	13	83	0	02	0	0	0	9	0	0									
06	08	9940	-16	-16	-26	14	16	83	0	02	0	0	0	9	0	0									
06	11	9946	-16	-16	-24	00	00	83	0	02	0	0	0	9	0	0									
06	17	9946	-14	-14	-22	13	22	83	0	02	0	0	0	9	0	0									
06	23	9928	-17	-17	-25	12	18	82	2	03	0	0	0	9	0	5				13	33			-12	-18
07	05	9899	-15	-16	-22	14	14	82	5	03	1	0	0	9	0	5									
07	08	9876	-14	-15	-22	11	14	82	8	03	1	0	0	9	0	7									
07	11	9851	-07	-08	-12	12	20	81	8	02	2	0	0	9	0	7									
07	17	9771	+01	-00	-10	13	44	08	8	36	3	2	5	5	1	7	2								
07	23	9720	+03	+02	-02	13	53	08	8	36	3	0	0	9	2	0				13	78			+04	-19
08	05	9727	+01	+01	+00	14	46	00	9	36	3														
08	08	9682	+08	+07	+01	14	42	08	8	36	3	8	5	5			2								
08	11	9671	+07	+06	+00	14	44	08	8	36	3	5	5	5	1		2								
08	17	9675	+07	+06	+04	14	44	08	8	36	3	7	5	5	1		2								
08	23	9687	+09	+08	+06	13	37	08	8	36	3	0	0	9	2					14	72			+09	+00
09	05	9685	+11	+10	+04	13	40	08	5	36	3	2	5	5	7	0	2								
09	08	9697	+11	+09	+03	13	37	16	4	36	3	2	5	5	7	0	2								
09	11	9700	+11	+10	+08	13	39	08	5	36	3	2	5	5	7	1	2								
09	17	9691	+14	+11	+02	13	47	40	8	05	3	3	5	5	7	7	2								
09	23	9703	+11	+09	-01	13	48	81	5	02	3	3	5	5	7	0	2			13	65			+15	+07
10	05	9714	+12	+10	+00	13	41	82	5	02	1	3	5	5	7	0	2								
10	08	9730	+11	+09	-01	13	39	82	7	02	1	3	5	5	7	1	2								
10	11	9755	+13	+10	+00	13	30	30	7	38	2	0	0	9	7	2									
10	17	9791	+10	+08	-03	14	25	25	7	02	2	4	5	7	7		5								
10	23	9798	+05	+03	-08	14	23	82	4	02	2	3	5	7	3	0	5			13	62			+13	+05
11	05	9813	+01	-00	-12	13	25	82	1	01	1	1	5	7	0	0									
11	08	9824	-02	-03	-13	13	25	83	1	02	1	1	5	7	0	0									
11	11	9835	+01	-00	-07	13	18	83	3	03	1	3	5	6	0	0	2								
11	17	9836	+03	+02	-03	13	14	83	7	02	2	7	5	7			1								
11	23	9828	+02	+01	-03	13	13	80	8	22	2	8	5	6			8			13	36			+06	-02
12	05	9817	+01	+01	-01	00	00	80	8	05	7	8	5	6											
12	08	9803	+03	+03	-02	13	15	80	8	05	2	8	5	6											
12	11	9800	+05	+04	-01	13	18	80	8	05	2	8	5	6											
12	17	9813	+01	+00	-04	14	26	81	8	02	2	2	5	6	0	7	2								
12	23	9850	-05	-06	-12	15	15	82	3	03	0	0	0	9	7	8				15	31			+06	-06
13	05	9887	-07	-07	-14	15	13	82	8	03	1	8	5	6											
13	08	9903	-07	-08	-14	14	16	82	8	02	2	8	5	6											
13	11	9915	-04	-05	-11	13	08	82	8	02	2	8	5	6											
13	17	9923	-03	-03	-09	00	00	82	7	02	2	7	5	6			8								
13	23	9907	-08	-09	-14	14	23	83	3	01	2	3	5	6	0	0	3			14	33			-01	-08

Results of Surface Observations, Mawson September 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	FROST POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
14	05	9886	-09	-10	-16	13	18	83	1	01	1	1	5	6	0	0									
14	08	9858	-07	-08	-16	14	12	83	4	03	1	1	5	6	0	5									
14	11	9848	-06	-07	-15	13	26	83	4	02	1	1	5	6	0	5									
14	17	9826	-05	-06	-14	00	00	83	6	02	2	1	0	0	0	6									
14	23	9793	-13	-13	-17	00	00	83	5	02	2	0	0	9	0	6				13	34			-05	-12
15	05	9769	-15	-15	-17	00	00	83	5	02	2	0	0	9	0	6									
15	08	9773	-15	-15	-17	00	00	83	7	02	2	0	0	9	0	7									
15	11	9765	-14	-14	-16	00	00	83	8	02	2	0	0	9	0	7									
15	17	9754	-14	-14	-16	25	02	83	8	02	2	0	0	9	0	7									
15	23	9758	-16	-17	-18	00	00	83	2	01	2	0	0	9	0	8				18	07			-12	-17
16	05	9751	-12	-13	-21	15	23	83	0	01	1	0	0	9	0	0									
16	08	9745	-15	-16	-20	00	00	83	0	02	1	0	0	9	0	0									
16	11	9725	-12	-14	-19	00	00	83	0	02	1	0	0	9	0	0									
16	17	9692	-09	-10	-16	00	00	83	0	02	1	0	0	9	0	0									
16	23	9667	-16	-17	-25	15	18	83	0	02	1	0	0	9	0	0				15	32			-09	-17
17	05	9650	-20	-21	-28	15	26	83	0	02	1	0	0	9	0	0									
17	08	9653	-22	-22	-28	15	25	83	0	02	1	0	0	9	0	0									
17	11	9652	-16	-17	-24	14	23	82	0	02	1	0	0	9	0	0									
17	17	9658	-14	-15	-24	14	07	83	0	02	1	0	0	9	0	0									
17	23	9668	-18	-19	-29	00	00	83	0	02	1	0	0	9	0	0				15	39			-12	-22
18	05	9675	-20	-21	-30	00	00	83	0	02	1	0	0	9	0	0									
18	08	9685	-21	-21	-31	00	00	83	0	02	1	0	0	9	0	0									
18	11	9699	-15	-16	-26	00	00	83	0	02	1	0	0	9	0	0									
18	17	9723	-13	-14	-21	00	00	83	0	02	1	0	0	9	0	0									
18	23	9753	-18	-18	-25	13	16	83	0	02	1	0	0	9	0	0				13	28			-12	-22
19	05	9781	-17	-17	-21	00	00	82	8	03	0	8	5	7			2								
19	08	9791	-16	-16	-18	00	00	82	7	02	0	7	5	7	3		2								
19	11	9791	-02	-02	-06	12	14	82	7	02	2	5	5	7	3		2								
19	17	9788	+00	-01	-06	13	15	82	7	14	2	5	5	7	3		2								
19	23	9789	-02	-03	-08	13	17	82	4	02	2	4	5	7	0	0	2			13	25			+01	-18
20	05	9782	-02	-02	-06	13	24	82	7	02	2	7	5	7			2								
20	08	9784	-01	-02	-08	13	27	82	7	02	2	3	5	7	0	7	2								
20	11	9793	+03	+02	-05	13	24	81	7	15	2	3	5	7	0	8	2								
20	17	9812	+03	+02	-06	12	15	82	6	02	1	4	5	6	0	0	2								
20	23	9820	-03	-04	-12	14	10	82	2	01	1	0	0	9	4	0			5	13	37			+05	-03
21	05	9834	-07	-08	-16	13	16	83	2	02	1	0	0	9	3	0									
21	08	9838	-07	-08	-16	13	18	83	2	02	1	0	0	9	3	0									
21	11	9846	-05	-06	-15	12	14	82	5	03	1	4	5	7	3	0	6								
21	17	9858	-05	-06	-14	13	19	82	8	03	1	3	5	6	0	7	6								
21	23	9874	-09	-10	-17	13	26	82	5	01	2	5	5	7	0	0	1			13	41			-02	-10
22	05	9893	-11	-12	-19	13	28	81	7	15	2	7	5	7											
22	08	9900	-11	-12	-19	13	27	82	5	02	2	3	5	7	3	1									
22	11	9902	-09	-10	-16	13	25	82	5	02	1	3	5	7	3	0									
22	17	9913	-05	-06	-13	09	07	82	8	15	2	3	6	6	3	7	2								
22	23	9917	-09	-10	-17	14	17	82	2	01	2	0	0	9	0	1				13	34			-03	-12
23	05	9924	-13	-14	-21	14	25	82	0	01	1	0	0	9	0	0									
23	08	9920	-12	-13	-19	16	15	83	0	02	1	0	0	9	0	0									
23	11	9910	-10	-11	-17	00	00	83	0	02	1	0	0	9	0	0									
23	17	9880	-03	-04	-12	00	00	83	0	02	1	0	0	9	0	0									
23	23	9874	-03	-04	-11	18	06	83	0	02	1	0	0	9	0	0				14	31			-02	-14
24	05	9880	+01	-01	-06	14	24	82	4	03	1	4	5	7	0	0	3								
24	08	9896	+07	+05	-03	13	17	82	6	03	1	5	5	7	3	0	3	3							
24	11	9911	+06	+07	+01	13	18	82	5	02	1	3	5	7	3	0	3	3							
24	17	9928	+09	+08	+03	13	16	82	7	14	2	4	5	7	3		3	3							
24	23	9945	+06	+05	-02	13	17	83	2	01	2	2	5	7	0	0	4			14	33			+12	-08
25	05	9954	-03	-04	-10	14	23	83	0	01	1	0	0	9	0	0									
25	08	9957	-03	-04	-11	14	27	83	1	03	0	0	0	9	3	0									
25	11	9957	+02	+01	-07	15	20	83	1	02	0	0	0	9	3	0									
25	17	9950	+05	+03	-05	14	17	83	0	02	0	0	0	9	0	0									
25	23	9922	-02	-03	-10	14	24	83	0	02	0	0	0	9	0	0				14	37			+07	-05
26	05	9891	-03	-02	-12	14	21	83	0	02	0	0	0	9	0	0									
26	08	9869	+02	+01	-09	13	18	83	1	03	0	0	0	9	3	5									
26	11	9854	+05	+04	-06	13	07	83	1	02	0	0	0	9	3	0									
26	17	9820	+03	+02	-05	00	00	83	0	01	0	0	0	9	0	0									
26	23	9794	-05	-04	-12	14	15	83	0	02	0	0	0	9	0	0				16	40			+07	-04

Results of Surface Observations,
Mawson September 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	FROST POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
27	05	9776	-07	-08	-15	00	00	83	0	02	C	0	0	9	0	0									
27	08	9772	-06	-07	-16	14	21	83	0	02	C	0	0	9	0	0									
27	11	9768	-04	-05	-13	00	00	83	0	02	C	0	0	9	0	0									
27	17	9767	-03	-04	-11	00	00	83	0	02	C	0	0	9	0	0				15	31			+01	-11
27	23	9773	-11	-11	-18	14	11	83	0	02	C	0	0	9	0	0									
28	05	9785	-14	-15	-24	14	25	83	0	02	C	0	0	9	0	0									
28	08	9792	-10	-11	-23	13	21	83	0	02	C	0	0	9	0	0									
28	11	9808	-09	-10	-21	13	23	83	0	02	C	0	0	9	0	0									
28	17	9823	-08	-09	-18	12	10	83	1	03	C	0	0	9	3	0									
28	23	9827	-14	-14	-23	13	23	83	0	02	C	0	0	9	0	0				13	38			-06	-15
29	05	9830	-15	-16	-26	15	25	83	0	02	C	0	0	9	0	0									
29	08	9836	-13	-14	-24	13	14	83	0	02	C	0	0	9	0	0									
29	11	9840	-09	-10	-20	13	17	83	0	02	C	0	0	9	0	0									
29	17	9853	-07	-08	-17	00	00	83	0	02	C	0	0	9	0	0				13	38			-04	-17
29	23	9875	-13	-14	-24	15	03	83	0	02	C	0	0	9	0	0									
30	05	9886	-15	-16	-26	14	21	83	1	02	C	0	0	9	0	5									
30	08	9896	-14	-15	-22	15	12	83	2	03	C	0	0	9	0	5									
30	11	9903	-09	-10	-19	16	24	83	3	03	1	0	0	9	0	6									
30	17	9907	-08	-09	-16	00	00	83	7	02	2	8	0	9	2	8	5			15	41			-03	-17
30	23	9855	-06	-07	-13	05	07	82	8	02	2	8	0	8	2										

Results of Surface Observations, Mawson October, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	FROST POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St. miles	Points	°F	°F
01	05	9735	-04	-04	-04	10	26	00	8	37	3	8	5	5			33								
01	08	9700	-03	-03	-03	13	35	00	8	37	3	8	5	5			33								
01	11	9724	-00	-01	-03	13	32	32	8	36	3	3	5	9	0	7									
01	17	9759	+02	+01	-07	13	16	83	1	01	3	0	0	9	4	1				13	57			+03	-07
01	23	9793	-05	-06	-16	14	10	83	1	02	0	0	0	9	4	1									
02	05	9795	-11	-12	-19	14	16	83	1	02	1	0	0	9	0	5									
02	08	9779	-08	-09	-19	13	19	83	1	02	1	0	0	9	0	5									
02	11	9787	-04	-05	-14	13	15	83	1	02	1	0	0	9	0	1									
02	17	9792	-01	-02	-09	00	00	83	1	02	1	0	0	9	0	0				13	30			+00	-12
02	23	9781	-10	-11	-18	15	15	83	0	02	0	0	0	9	0	0									
03	05	9764	-13	-14	-22	14	07	83	0	02	0	0	0	9	0	0									
03	08	9762	-10	-11	-21	13	15	83	0	02	0	0	0	9	0	0									
03	11	9755	-04	-05	-16	13	06	83	0	02	0	0	0	9	0	0									
03	17	9756	-05	-06	-16	00	00	83	0	02	0	0	0	9	0	0				14	29			-01	-15
03	23	9757	-10	-11	-19	14	14	83	0	02	0	0	0	9	0	0									
04	05	9780	-13	-13	-22	15	21	83	0	02	0	0	0	9	0	0									
04	08	9790	-10	-11	-19	00	00	83	0	02	0	0	0	9	0	0									
04	11	9804	-08	-09	-16	00	00	83	1	02	0	0	0	9	3	0									
04	17	9821	-02	-03	-10	13	15	83	2	03	0	0	0	9	3	5				13	47			-01	-13
04	23	9794	-07	-09	-18	13	35	83	3	03	1	0	0	9	0	5									
05	05	9790	-07	-08	-16	14	26	82	1	01	1	0	0	9	0	1									
05	08	9820	-06	-07	-15	14	25	83	1	02	1	0	0	9	3	1									
05	11	9848	-03	-04	-12	24	09	83	1	02	1	0	0	9	3	0									
05	17	9847	-03	-04	-11	27	03	84	0	02	0	0	0	9	0	0				13	54			-01	-11
05	23	9826	-11	-11	-13	00	00	83	0	02	0	0	0	9	0	0									
06	05	9825	-07	-08	-18	13	20	83	2	03	0	0	0	9	0	5									
06	08	9823	-03	-05	-14	14	21	83	3	03	1	0	0	9	0	9									
06	11	9819	+02	+01	-09	13	21	82	8	03	1	0	0	9	0	7									
06	17	9802	+02	+01	-06	07	07	82	8	38	2	0	0	9	7	7				12	46			+04	-11
06	23	9751	+02	+01	-06	12	32	81	8	38	2	0	0	9	7										
07	05	9763	-00	-01	-03	13	41	16	8	36	3	0	0	9	7										
07	08	9792	-01	-01	-01	13	40	04	9	36	3														
07	11	9831	+03	+02	-02	13	32	16	9	38	3														
07	17	9904	+03	+02	-03	13	27	82	7	14	2	6	5	7	3	0	2			13	61			+04	-01
07	23	9911	-01	-02	-08	13	18	82	8	02	2	5	5	6	7		2								
08	05	9887	+01	-01	-07	11	21	82	8	02	2	3	5	6	7										
08	08	9866	+03	+02	-05	09	20	82	8	02	2	3	5	6	7										
08	11	9844	+04	+04	+02	11	39	01	8	36	2	6	5	6											
08	17	9818	+05	+05	+05	12	40	00	9	78	2														
08	23	9786	+03	+03	+03	13	40	00	9	37	7									11	59			+05	-01
09	05	9816	+03	+03	+01	13	25	00	9	36	3														
09	08	9826	+04	+03	+02	13	23	08	8	36	3	5	5	5	1		2								
09	11	9845	+09	+08	+03	00	00	24	8	22	7	4	5	5	0	7									
09	17	9858	+08	+07	+04	00	00	83	2	01	2	0	0	9	0	5				12	40			+11	-01
09	23	9879	+03	+01	-05	14	18	83	2	02	1	0	0	9	0	5									
10	05	9907	-01	-02	-07	14	24	82	3	03	1	0	0	9	0	5									
10	08	9915	-00	-01	-05	13	30	82	5	36	3	0	0	9	3	7									
10	11	9912	+05	+04	-01	13	31	82	8	36	3	0	0	9	2	7									
10	17	9853	+10	+10	+10	13	47	00	9	37	3														
10	23	9856	+10	+10	+10	13	48	00	9	37	7									13	63			+11	-02
11	05	9913	+08	+08	+08	13	37	00	9	37	7														
11	08	9920	+09	+09	+09	13	31	00	9	36	7														
11	11	9919	+13	+13	+13	13	31	00	9	36	3														
11	17	9922	+14	+14	+12	13	26	08	8	36	3	4	5	5	0	7			2						
11	23	9917	+13	+12	+10	00	00	80	7	02	3	7	5	5						13	50			+15	+07
12	05	9885	+12	+10	+03	14	18	82	7	02	2	2	5	5	3	8									
12	08	9879	+12	+10	+02	14	10	82	7	02	2	1	5	5	3	2			2						
12	11	9876	+15	+12	+06	00	00	82	7	02	2	1	5	5	7	7									
12	17	9866	+14	+12	+06	00	00	83	7	01	2	1	0	9	0	0				12	25			+16	+05
12	23	9858	+07	+06	+02	13	21	82	6	03	1	6	5	6	7	0	2								
13	05	9859	+06	+05	+01	13	18	82	8	02	2	8	0	5	2		1								
13	08	9853	+06	+05	+00	14	14	82	8	02	2	8	0	5	2		1								
13	11	9851	+06	+05	-02	13	18	82	8	02	2	8	0	5	2		1								
13	17	9851	+07	+06	+01	04	07	82	8	02	2	7	0	5						13	22			+09	+02
13	23	9849	+02	+01	-06	13	16	82	7	02	2	7	0	5											

Results of Surface Observations,
Mawson October, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	FROST POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
14	05	9834	-04	-05	-12	13	20	82	7	02	2	1	5	5	9	6									
14	08	9822	-01	-02	-11	14	14	83	8	02	3	0	0	9	9	7									
14	11	9812	+03	+02	-07	13	15	83	6	01	2	0	0	9	9	8									
14	17	9793	+03	+02	-06	04	05	83	5	02	1	0	0	9	9	2									
14	23	9757	-05	-05	-12	13	20	82	3	02	1	0	0	9	9	1				13	29			+07	-05
15	05	9727	-03	-04	-12	13	21	82	5	02	1	2	5	5	0	1	2								
15	08	9684	+03	+02	-02	12	28	81	7	36	3	5	5	5	4	1	2								
15	11	9658	+08	+07	+04	13	27	84	8	36	3	5	5	5	7		2								
15	17	9618	+07	+07	+07	13	48	00	9	37	7									13	74			+09	-05
15	23	9575	+09	+09	+08	13	56	01	9	37	7														
16	05	9540	+09	+09	+09	13	59	00	9	37	3														
16	08	9550	+11	+11	+10	13	66	01	9	36	3														
16	11	9573	+13	+12	+09	13	60	06	8	36	3	5	5	5	1		3								
16	17	9578	+14	+13	+08	13	60	12	8	05	3	6	5	5	1		3			13	91			+15	+08
16	23	9601	+15	+13	+08	13	55	16	8	05	2	6	5	5	1		3								
17	05	9628	+15	+13	+04	13	47	80	8	02	2	6	5	5	1		3								
17	08	9652	+17	+14	+06	13	36	81	7	02	2	7	5	5	1		3								
17	11	9667	+18	+16	+10	13	28	82	7	02	2	4	5	5	7		3								
17	17	9682	+20	+16	+05	13	17	82	7	02	2	5	5	5	7		2			13	72			+21	+11
17	23	9694	+15	+13	+02	14	20	82	8	02	2	8	5	0	6	2									
18	05	9704	+13	+11	+00	13	22	82	5	01	2	3	5	5	6	7	0	2							
18	08	9721	+16	+13	+04	13	15	82	7	03	1	5	5	6	7	7	1	2							
18	11	9740	+17	+15	+06	13	13	82	7	02	2	5	5	6	7	7									
18	17	9790	+20	+17	+10	00	00	82	8	02	2	5	5	5	7	5		2							
18	23	9832	+12	+11	+04	13	09	82	2	02	2	8	5	5	7			2		13	36			+20	+12
19	05	9862	+13	+12	+06	14	06	82	8	02	2	8	5	5	7	7		2							
19	08	9866	+13	+12	+06	14	05	82	8	02	2	6	5	5	7	7	3	2							
19	11	9871	+17	+14	+05	09	01	82	6	01	2	2	5	5	7	5	5	2							
19	17	9874	+17	+15	+09	00	00	83	5	01	2	0	5	0	7	9	5			11	18			+20	+11
19	23	9867	+12	+10	+04	13	13	83	4	01	2	0	0	0	9	9	5	1							
20	05	9855	+08	+07	-01	14	13	83	4	02	1	0	0	0	9	9	3	1							
20	08	9844	+10	+08	-01	13	17	83	5	03	1	0	0	0	9	9	3	1							
20	11	9837	+12	+10	+00	12	22	83	5	02	1	0	0	0	9	9	3	5							
20	17	9822	+12	+10	+03	09	13	82	8	03	1	0	5	0	5	9	7	7	2	12	31			+15	+06
20	23	9818	+08	+06	-04	11	07	82	8	02	2	0	0	0	5	9	7	7							
21	05	9794	+03	+01	-08	13	14	82	6	01	2	0	0	0	9	7	8								
21	08	9784	+04	+02	-06	14	13	82	6	02	1	0	0	0	9	7	8								
21	11	9776	+06	+04	-05	13	18	82	8	03	1	0	0	0	9	7	8								
21	17	9762	+08	+06	-05	09	18	82	8	02	2	1	0	5	9	7	7	2		10	35			+10	+01
21	23	9764	+02	+01	-08	11	20	82	8	02	2	2	0	5	8	7	7								
22	05	9758	+03	+02	-03	13	28	64	8	36	3	6	5	5	7	0	7								
22	08	9762	+05	+04	-01	13	29	80	8	05	2	4	5	5	7	0	7								
22	11	9777	+09	+07	-03	11	18	82	8	02	2	0	5	5	9	1	7								
22	17	9781	+10	+08	-01	11	27	82	8	14	2	4	5	5	6	3	7	2		12	43			+12	+02
22	23	9798	+07	+05	-05	12	30	82	8	02	2	6	5	5	6			2							
23	05	9805	+06	+04	-07	12	25	82	8	02	2	0	0	5	9	3	7								
23	08	9806	+06	+04	-05	12	25	82	8	02	2	4	5	5	6	3	7	2							
23	11	9795	+10	+08	-02	12	24	82	8	02	2	1	5	5	6	7	7	3							
23	17	9792	+11	+09	-01	12	19	82	8	02	2	3	5	6	6	7				12	40			+12	+05
23	23	9791	+08	+06	-04	12	28	82	8	02	2	8	5	6	6	6									
24	05	9787	+07	+06	-04	13	18	82	8	02	2	8	5	6	6	6	7								
24	08	9784	+08	+06	-03	13	21	82	8	02	2	5	5	6	6	5	7								
24	11	9781	+12	+10	+02	13	23	81	8	14	2	7	5	6	6	5	7	2							
24	17	9777	+13	+11	+03	12	26	80	8	14	2	5	5	6	6	6	7	2		13	44			+14	+07
24	23	9795	+09	+07	-04	13	30	82	7	02	2	3	5	6	5	6	7	2							
25	05	9814	+06	+04	-08	13	21	82	8	02	2	2	5	5	5	7	7	2							
25	08	9823	+07	+05	-05	13	17	83	8	02	2	1	5	5	5	7	7	2							
25	11	9826	+12	+09	-04	11	09	83	8	02	2	0	5	5	5	7	0	2							
25	17	9827	+13	+11	+00	12	19	83	8	01	2	0	5	5	5	7	0	2		12	37			+15	+05
25	23	9826	+10	+08	-01	13	18	82	8	03	1	6	5	5	6	3									
26	05	9824	+11	+09	+00	13	20	82	8	02	2	8	5	5	6	7	1	2							
26	08	9830	+11	+09	-01	13	23	83	7	02	2	6	5	5	6	5	1	2							
26	11	9841	+16	+14	+06	12	07	83	6	01	2	1	5	5	6	0	1								
26	17	9852	+18	+16	+08	00	00	83	2	01	1	0	5	0	6	0	1			12	34			+19	+10
26	23	9862	+11	+09	+00	13	07	83	1	02	0	0	0	0	9	0	1								

Results of Surface Observations, Mawson October, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	FROST POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
27	05	986.0	+03	+02	-05	14	18	83	1	02	0	0	0	9	0	1									
27	08	986.1	+09	+07	-02	00	00	83	1	02	0	0	0	9	0	1									
27	11	985.8	+11	+09	+01	00	00	83	0	02	0	0	0	9	0	0									
27	17	984.4	+13	+11	+03	00	00	83	0	02	0	0	0	9	0	0									
27	23	983.1	+08	+07	+06	14	13	83	0	02	0	0	0	9	0	0				14	24			+14	+03
28	05	981.4	+01	+00	-07	14	18	83	0	02	0	0	0	9	0	0									
28	08	981.1	+07	+05	-05	13	17	83	0	02	0	0	0	9	0	0									
28	11	981.5	+13	+11	+01	10	08	83	0	02	0	0	0	9	0	0									
28	17	981.8	+13	+11	+01	03	07	83	0	03	0	0	0	9	0	0									
28	23	982.5	+05	+03	-04	13	15	83	4	03	1	1	5	5	0	6	2			14	28			+16	+01
29	05	982.8	+03	+01	-05	13	20	83	7	03	1	5	5	5	3		2	2							
29	08	985.2	+06	+04	-02	13	14	83	7	02	2	6	5	5	3		2	2							
29	11	983.5	+08	+06	+00	12	11	83	8	02	2	8	5	5			2	2							
29	17	984.3	+08	+07	-01	10	12	80	8	15	2	6	5	4			2	2							
29	23	984.3	+04	+03	-06	12	19	82	7	02	2	7	5	6			2	2		12	35			+09	+02
30	05	982.8	+01	-01	-11	12	29	82	7	02	2	6	5	6	3			2							
30	08	982.6	+01	-01	-10	12	29	82	7	02	2	6	5	6	3			2							
30	11	981.8	+04	+02	-07	12	27	82	7	01	2	6	5	7	3			2							
30	17	981.2	+07	+05	-04	11	21	82	7	02	2	6	5	6	3	0		2							
30	23	981.7	-02	-03	-12	12	27	83	2	01	2	1	5	6	3	0		2		12	40			+07	-02
31	05	981.0	-03	-04	-14	14	21	83	1	02	1	1	5	8	0	0	5								
31	08	981.5	+01	-00	-12	12	21	84	1	02	0	1	5	8	0	1	5								
31	11	981.2	+07	+05	-05	12	15	84	1	02	0	0	0	9	3	0									
31	17	981.2	+09	+07	-02	00	00	84	0	02	0	0	0	9	0	0									
31	23	981.8	-01	-02	-09	14	17	84	0	02	0	0	0	9	0	0				12	35			+10	-03

Results of Surface Observations,
Mawson November, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	FROST POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	05	9826	-04	-05	-14	14	20	84	0	02	0	0	0	9	0	0									
01	08	9838	+02	+01	-09	15	07	08	0	02	0	0	0	9	0	0									
01	11	9855	+05	+03	-08	30	01	84	0	02	0	0	0	9	0	0									
01	17	9903	+09	+07	-03	25	01	84	0	02	0	0	0	9	0	0									
01	23	9973	+04	+02	-09	12	26	84	2	03	0	0	0	9	0	5				13	38			+10	-04
02	05	0016	+06	+04	-06	14	20	83	8	03	1	0	0	9	1	7									
02	08	0031	+10	+08	-02	13	18	83	8	02	2	0	0	9	1	7									
02	11	0045	+15	+12	+03	11	12	83	8	02	2	0	0	9	2										
02	17	0042	+15	+13	+06	03	02	83	8	02	2	0	0	9	7			6							
02	23	0006	+14	+12	+05	11	11	82	8	14	2	8	0	8	2					13	24			+16	+02
03	05	9942	+13	+11	-01	10	18	82	8	14	2	8	0	8	2		2								
03	08	9913	+15	+13	+03	10	17	82	8	14	2	8	0	6			2								
03	11	9881	+19	+16	+07	09	11	82	8	14	2	8	0	6			2								
03	17	9861	+20	+17	+05	12	14	81	8	14	2	8	0	5			2								
03	23	9854	+17	+14	+06	13	07	82	8	02	2	8	0	7						09	33			+20	+12
04	05	9859	+12	+10	+01	14	12	83	1	01	2	0	0	9	0	1									
04	08	9859	+15	+13	+02	14	13	83	1	02	2	0	0	9	0	1									
04	11	9868	+20	+16	+04	36	01	84	0	02	2	0	0	9	0	0									
04	17	9879	+21	+18	+07	00	00	84	0	02	2	0	0	9	0	0									
04	23	9891	+11	+10	+04	00	00	84	2	03	2	0	0	9	0	5				14	30			+22	+11
05	05	9887	+06	+05	-02	14	19	84	6	03	1	0	0	9	7	2									
05	08	9876	+13	+11	+00	13	16	83	8	02	2	0	0	9	7										
05	11	9861	+17	+14	+04	12	17	83	8	02	2	0	0	9	7	7									
05	17	9849	+17	+15	+09	05	07	83	8	14	2	7	0	6	7			3							
05	23	9836	+15	+12	+01	12	25	83	8	02	2	8	0	5	7					12	38			+21	+05
06	05	9837	+15	+14	+01	12	27	82	8	02	2	6	6	5	7			2							
06	08	9842	+15	+13	+02	12	26	82	8	14	2	6	5	5	7			2							
06	11	9851	+19	+16	+06	12	25	82	8	02	2	4	5	5	7			2							
06	17	9868	+22	+19	+11	00	00	82	8	02	2	1	0	5	7			4	3						
06	23	9872	+17	+14	+02	13	24	82	8	02	2	0	0	9	7					12	43			+26	+14
07	05	9883	+15	+12	+02	14	18	82	8	02	2	0	0	9	7										
07	08	9882	+16	+13	+03	13	21	82	8	02	2	0	0	9	3										
07	11	9886	+22	+19	+09	12	12	83	7	02	2	0	0	9	3			3							
07	17	9885	+25	+21	+11	09	05	83	3	01	2	0	0	9	2										
07	23	9878	+13	+10	-02	14	27	84	0	01	1	0	0	9	0	0				12	42			+26	+13
08	05	9885	+09	+07	-03	14	25	84	0	02	0	0	0	9	0	0									
08	08	9886	+14	+12	+03	00	00	84	1	03	0	0	0	9	0	1									
08	11	9887	+19	+16	+08	20	01	84	2	03	0	0	0	9	0	5									
08	17	9886	+23	+19	+10	08	07	84	8	03	1	0	0	9	2	7									
08	23	9849	+17	+14	+02	10	27	83	6	02	2	0	0	9	2					14	38			+24	+08
09	05	9755	+13	+13	+13	11	42	00	9	37	3														
09	08	9697	+13	+13	+13	12	50	00	9	37	3														
09	11	9651	+14	+14	+14	12	55	00	9	37	3														
09	17	9625	+14	+14	+14	13	50	00	9	37	3							2		11	66			+18	+13
09	23	9654	+14	+14	+12	13	33	08	8	36	3	8	5	5											
10	05	9652	+15			13	27	81	6	02	3	2	5	5	7	0		2							
10	08	9649	+19	+18	+15	11	19	81	8	36	3	6	5	5	7			2							
10	11	9648	+21	+19	+15	12	25	80	8	36	3	8	0	5	2										
10	17	9660	+23	+21	+16	12	23	64	8	14	2	8	6	5	5			2		12	44			+23	+14
10	23	9671	+20	+19	+17	12	30	40	8	14	3	8	5	5	5			2							
11	05	9679	+20	+19	+19	12	30	00	9	37	3														
11	08	9697	+20	+20	+20	12	30	00	9	37	3														
11	11	9710	+21	+21	+20	12	40	01	9	36	3	6	5	5	7	0		2							
11	17	9758	+20	+20	+20	11	37	01	8	36	3	7	5	5	7	0		2		12	57			+21	+18
11	23	9801	+18	+18	+15	12	28	80	6	36	3	4	5	5	6	0		2							
12	05	9811	+19	+16	+08	12	32	80	5	36	3	3	5	5	6	5		2							
12	08	9816	+19	+17	+11	12	31	82	5	02	3	2	5	5	6			2							
12	11	9826	+23	+20	+12	12	27	82	8	03	3	1	5	5	6			2							
12	17	9841	+23	+19	+12	12	27	82	8	02	2	2	5	5	7			2							
12	23	9863	+19	+16	+07	12	30	82	7	02	2	3	5	5	7					12	42			+23	+18
13	05	9892	+16	+15	+05	13	21	83	7	02	2	5	5	5	7	7		4							
13	08	9902	+19	+16	+07	14	17	83	6	02	2	4	5	5	7	7	0	3							
13	11	9913	+22	+19	+09	12	14	83	2	01	1	0	0	0	9	0	0	2							
13	17	9922	+26	+22	+12	00	00	84	0	01	1	0	0	0	9	0	0			12	35			+27	+17
13	23	9926	+16	+13	+03	14	17	84	0	02	0	0	0	0	9	0	0								

Results of Surface Observations,
Mawson November, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	FROST POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
14	05	9933	+13	+11	+01	14	19	84	1	03	0	0	0	9	0	1									
14	08	9937	+18	+15	+06	14	13	84	2	03	0	0	0	9	0	5									
14	11	9942	+22	+18	+07	00	00	84	2	02	1	0	0	9	0	1									
14	17	9964	+23	+19	+10	00	00	84	6	03	1	0	0	9	0	2									
14	23	9982	+15	+13	+05	12	18	83	5	02	1	0	0	9	0	2				14	33			+24	+11
15	05	9996	+15	+11	+02	12	26	83	8	03	1	0	1	9	0	7									
15	08	9995	+19	+17	+10	12	23	83	8	02	2	1	5	6	3	7	2	8							
15	11	9992	+23	+20	+13	10	18	83	7	02	2	4	5	6	3	2	2								
15	17	9951	+25	+23	+17	10	29	83	8	02	2	2	6	6	2		2								
15	23	9917	+23	+22	+19	10	35	80	8	36	2	3	6	5	2					11	51			+27	+13
16	05	9886	+21	+21	+21	12	40	00	9	37	3														
16	08	9897	+21	+21	+21	12	39	00	9	37	3														
16	11	9914	+25	+24	+23	10	32	40	8	36	3	2	5	5	1		2								
16	17	9918	+25	+24	+21	11	33	80	7	36	3	2	6	5	7	8	2								
16	23	9948	+23	+20	+12	11	16	82	3	01	2	0	0	9	0	8				11	63			+26	+20
17	05	9950	+23	+19	+09	12	20	83	1	02	0	0	0	9	0	8									
17	08	9951	+27	+22	+11	11	19	83	1	02	1	0	0	9	0	8									
17	11	9950	+33	+27	+15	12	21	84	2	02	1	0	0	9	0	5									
17	17	9947	+35	+29	+18	09	17	84	2	02	1	0	0	9	0	5									
17	23	9950	+24	+21	+10	11	15	84	2	02	1	0	0	9	0	5				10	36			+36	+20
18	05	9927	+25	+20	+06	12	21	84	2	02	1	0	0	9	0	5									
18	08	9913	+30	+24	+12	12	21	84	2	02	1	0	0	9	0	5									
18	11	9907	+34	+28	+15	12	21	84	2	02	1	0	0	9	0	5									
18	17	9874	+34	+28	+15	13	50	84	2	02	1	0	0	9	0	5									
18	23	9845	+29	+23	+08	14	36	83	1	02	0	0	0	9	0	1				14	64			+36	+22
19	05	9834	+28	+22	+06	14	38	84	1	02	0	0	0	9	0	1									
19	08	9836	+28	+22	+06	13	41	84	1	02	0	0	0	9	0	1									
19	11	9830	+28	+23	+10	13	43	84	1	02	0	0	0	9	0	1									
19	17	9845	+30	+25	+10	13	25	84	0	02	0	0	0	9	0	1									
19	23	9845	+24	+20	+07	13	18	83	0	02	0	0	0	9	0	0				13	63			+31	+23
20	05	9841	+19	+15	+03	14	27	83	0	02	0	0	0	9	0	0									
20	08	9837	+25	+20	+07	13	28	83	0	02	0	0	0	9	0	0									
20	11	9849	+28	+22	+06	12	32	83	1	03	0	0	1	4	0	0	3								
20	17	9856	+31	+25	+13	13	20	83	6	03	0	0	5	5	0	0	3								
20	23	9860	+24	+20	+08	14	27	83	2	01	1	2	4	0	3	5	3			12	49			+33	+18
21	05	9877	+25	+20	+08	13	20	83	7	03	1	2	5	6	3		3	3							
21	08	9881	+27	+22	+11	13	23	83	6	02	1	2	4	6	3	0	3	3							
21	11	9897	+31	+25	+13	13	20	83	3	01	2	2	0	6	3	1		3							
21	17	9912	+32	+26	+13	12	14	83	3	02	1	2	0	6	3	0		3							
21	23	9931	+24	+20	+10	12	17	83	1	02	0	0	0	9	3	0				11	48			+34	+22
22	05	9941	+19	+16	+04	13	22	84	0	02	0	0	0	9	0	0									
22	08	9941	+23	+19	+09	13	16	84	0	02	0	0	0	9	0	0									
22	11	9938	+29	+24	+16	12	06	84	0	02	0	0	0	9	0	0									
22	17	9929	+29	+24	+15	00	00	84	1	03	0	0	0	9	0	0									
22	23	9920	+23	+20	+11	12	16	84	0	02	0	0	0	9	0	0				13	32			+31	+18
23	05	9914	+20	+17	+08	13	23	84	1	02	0	0	0	9	0	1									
23	08	9904	+23	+19	+10	12	20	84	1	02	0	0	0	9	0	1									
23	11	9904	+29	+25	+15	08	06	84	0	02	0	0	0	9	0	0									
23	17	9899	+30	+26	+19	00	00	84	0	02	0	0	0	9	0	0									
23	23	9899	+21	+19	+10	13	17	84	0	02	0	0	0	9	0	0				12	34			+32	+18
24	05	9896	+22	+19	+09	13	21	84	4	03	0	0	0	9	0	1									
24	08	9896	+26	+21	+12	13	21	84	4	03	0	1	1	9	0	1									
24	11	9905	+32	+27	+17	10	10	84	5	02	1	2	0	9	0	1									
24	17	9920	+37	+31	+21	09	08	84	6	02	2	2	0	9	0	0									
24	23	9948	+28	+23	+12	13	24	84	7	02	2	1	5	9	0	7				12	43			+37	+21
25	05	9961	+32	+27	+20	11	22	84	8	02	2	3	5	6	7	7	2								
25	08	9961	+35	+29	+20	12	24	84	8	02	2	4	5	6	7	7	2								
25	11	9963	+38	+32	+23	12	21	84	6	01	2	4	5	6	7	0	2								
25	17	9950	+39	+32	+21	11	20	84	3	02	2	4	5	6	7	0	2								
25	23	9915	+33	+28	+18	12	21	83	3	01	2	4	0	9	3	1	2			12	44			+39	+27
26	05	9904	+30	+26	+18	12	19	83	7	03	1	3	5	6	7		2								
26	08	9895	+31	+28	+20	12	18	83	7	14	2	4	5	6	7		2								
26	11	9897	+36	+31	+25	09	18	83	8	14	2	2	6	6	1		2								
26	17	9906	+35	+31	+24	10	21	83	8	14	2	3	6	7	1		2								
26	23	9904	+32	+28	+21	11	20	83	8	14	2	4	5	6	1		2			11	45			+37	+28

Results of Surface Observations, Mawson — November, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	FROST POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
27	05	9910	+33	+28	+20	11	28	82	8	02	2	4	5	6	7		2								
27	08	9909	+33	+29	+21	11	24	82	8	14	2	5	5	6	7		2								
27	11	9919	+36	+32	+26	10	27	81	8	16	7	6	5	6	1		2								
27	17	9941	+34	+31	+25	10	24	82	8	14	7	8	5	7			2								
27	23	9965	+32	+27	+18	11	13	82	8	02	2	5	5	6	7		2			10	47			+37	+31
28	05	9986	+30	+26	+17	11	27	82	8	02	2	7	5	6	7		2								
28	08	9997	+31	+27	+18	12	20	82	8	02	2	8	5	6			2								
28	11	0012	+35	+29	+20	12	15	83	7	01	2	5	5	7	7		2								
28	17	0038	+35	+31	+24	00	00	83	7	02	2	3	5	8	7		2								
28	23	0050	+26	+24	+16	13	12	83	1	01	1	0	0	9	3	0				12	43			+37	+28
29	05	0060	+25	+22	+15	13	14	83	0	02	0	0	0	9	0	0									
29	08	0060	+29	+25	+17	00	00	83	0	02	0	0	0	9	0	0									
29	11	0059	+32	+28	+21	00	00	83	1	03	0	0	0	9	3	0									
29	17	0052	+32	+29	+24	03	05	83	8	03	1	8	8	7			2								
29	23	0057	+29	+27	+24	06	08	64	8	76	2	8	5	6			2			13	25			+35	+24
30	05	0044	+28	+27	+25	08	17	40	8	05	7	8	6	5											
30	08	0036	+27	+26	+24	10	22	40	8	76	7	8	6	5											
30	11	0029	+28	+26	+22	10	30	40	8	05	7	8	6	5											
30	17	0002	+27	+26	+23	10	39	08	8	68	7	8	0	5	2										
30	23	9987	+26	+25	+24	10	38	00	9	36	7									10	54			+29	+26

Results of Surface Observations, Mawson December, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
01	05	9984	+26	+24	+22	11	42	00	9	36	3														
01	08	9989	+26	+25	+23	12	43	00	9	36	3						2								
01	11	9992	+28	+27	+25	12	39	04	8	36	3	8	5	5			2								
01	17	0000	+29	+27	+20	10	26	81	8	02	3	8	5	5			2								
01	23	0016	+28	+24	+17	10	28	82	8	02	3	5	5	5	7		2			12	50			+30	+25
02	05	0001	+26	+23	+13	10	24	82	7	02	2	3	5	6	7	1	2								
02	08	9994	+30	+25	+16	10	20	83	6	01	2	3	5	6	7	1	2								
02	11	9991	+35	+30	+22	09	16	83	4	01	2	1	5	6	7	1	2								
02	17	9968	+35	+30	+22	03	07	82	3	01	1	0	0	9	7	5	8								
02	23	9959	+28	+24	+18	09	07	83	1	02	0	0	0	9	0	1				11	40			+37	+26
03	05	9953	+24	+20	+08	13	18	83	1	02	0	0	0	9	0	1									
03	08	9947	+27	+23	+13	15	15	83	1	02	0	0	0	9	0	1									
03	11	9940	+33	+28	+19	00	00	83	1	02	0	0	0	9	0	1									
03	17	9935	+33	+28	+22	22	01	83	3	03	0	0	0	9	0	5	1								
03	23	9922	+30	+26	+16	13	14	83	2	02	1	0	0	9	0	1				13	27			+34	+22
04	05	9913	+25	+20	+07	12	27	83	2	02	1	0	0	9	0	1									
04	08	9910	+27	+24	+09	12	22	83	2	02	1	0	0	9	0	1									
04	11	9896	+31	+26	+13	12	14	83	2	02	1	0	0	9	0	1									
04	17	9888	+31	+25	+12	00	00	83	3	03	1	0	0	9	0	3	1								
04	23	9884	+25	+21	+11	12	19	53	3	02	1	0	0	9	7	1				12	38			+34	+23
05	05	9891	+21	+17	+06	12	26	83	7	03	1	2	5	8	7		3								
05	08	9900	+24	+20	+10	12	25	83	7	02	2	1	5	8	7		3								
05	11	9913	+27	+23	+13	11	18	83	8	02	2	3	5	8	7		3								
05	17	9940	+30	+25	+16	10	18	82	8	02	2	6	5	7	7		2								
05	23	9960	+25	+23	+18	12	30	80	8	02	2	3	6	5	7		2			11	46			+31	+20
06	05	9996	+24	+23	+20	12	31	80	8	05	3	8	0	6	2		2								
06	08	0016	+27	+24	+20	12	31	80	8	05	2	8	0	6	2		2								
06	11	0032	+30	+27	+20	11	30	80	8	05	2	8	5	5	7		2								
06	17	0046	+35	+29	+23	07	07	81	8	14	2	2	5	6	5		2								
06	23	0045	+28	+24	+15	13	16	82	8	02	2	0	0	9	7	7				11	49			+34	+24
07	05	0020	+24	+20	+10	14	22	83	8	02	2	0	0	9	0	7									
07	08	0003	+27	+23	+12	13	18	83	6	01	2	0	0	9	0	8									
07	11	9990	+33	+28	+18	12	13	83	4	01	1	0	0	9	0	2									
07	17	9969	+36	+30	+22	00	00	84	3	01	1	0	0	9	0	1									
07	23	9950	+27	+24	+16	15	14	84	1	02	0	0	0	9	0	1				14	33			+37	+23
08	05	9960	+22	+18	+09	13	20	84	1	02	0	0	0	9	3	0									
08	08	9961	+26	+22	+11	12	16	84	1	02	0	0	0	9	3	0									
08	11	9968	+33	+28	+18	09	08	84	1	02	0	0	0	9	3	0									
08	17	9994	+35	+29	+22	23	01	84	2	03	1	0	1	9	3	0									
08	23	0017	+29	+27	+24	13	03	83	7	03	1	4	5	7	3		2			13	33			+34	+21
09	05	0029	+26	+22	+12	13	15	83	1	01	2	1	5	7	0	0	3								
09	08	0029	+26	+23	+13	13	15	83	1	02	0	1	5	8	0	0	4								
09	11	0028	+31	+26	+17	08	10	83	1	02	0	1	0	9	3	0									
09	17	0022	+31	+28	+22	04	06	83	2	03	1	2	8	5	0	0	2			13	29			+33	+23
09	23	0015	+29	+26	+19	07	06	83	8	03	1	8	8	5											
10	05	9994	+25	+21	+14	12	16	83	6	02	2	6	5	7			3								
10	08	9976	+25	+21	+11	12	20	83	5	02	2	1	5	8	0	0	3								
10	11	9966	+32	+27	+18	10	10	83	4	02	1	2	5	8	3	0	3								
10	17	9948	+31	+28	+21	05	06	83	7	03	1	3	8	7	3	1	3								
10	23	9939	+28	+27	+24	00	00	83	7	02	1	7	8	5	6		3			12	30			+33	+23
11	05	9953	+22	+19	+11	12	18	83	3	01	2	3	5	6	0	0	3								
11	08	9953	+24	+20	+10	12	21	83	2	02	1	1	5	6	3	0	2								
11	11	9960	+29	+24	+11	10	15	83	1	01	1	0	0	9	3	1									
11	17	9970	+30	+26	+17	05	04	83	1	02	1	0	0	9	3	1									
11	23	9981	+24	+21	+14	12	19	83	3	03	1	0	0	9	3	5				11	31			+33	+21
12	05	9996	+21	+18	+09	12	23	83	8	03	1	0	0	9	0	7									
12	08	9988	+27	+23	+14	12	24	83	8	02	2	0	0	9	1	7									
12	11	9985	+31	+27	+19	12	24	83	8	02	2	0	0	9	1	7									
12	17	9976	+33	+29	+19	12	20	83	8	02	2	0	0	9	7	7									
12	23	9962	+32	+26	+14	12	31	83	8	02	2	0	0	9	7	7				12	47			+35	+21
13	05	9960	+33	+26	+11	12	30	83	8	02	2	0	0	9	3	7									
13	08	9950	+35	+28	+15	12	29	83	7	01	2	0	0	9	3	2									
13	11	9957	+39	+31	+19	12	27	83	6	02	1	0	5	8	3	2									
13	17	9955	+40	+33	+22	12	23	83	4	01	1	0	0	9	3	2									
13	23	9950	+37	+29	+16	12	25	83	1	01	1	0	0	9	0	1				12	49			+41	+31

Results of Surface Observations,
Mawson December, 1954

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND												DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	FROST POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD AMOUNT	LOW CLOUD TYPE	LOW CLOUD BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
14	05	9939	+32	+27	+15	14	24	83	0	02	0	0	0	0	0	0									
14	08	9923	+34	+28	+16	14	24	83	0	02	0	0	0	0	0	0									
14	11	9911	+39	+32	+20	13	10	83	0	02	0	0	0	0	0	0									
14	17	9905	+42	+33	+25	12	07	83	0	02	0	0	0	0	0	0									
14	23	9919	+35	+29	+18	12	24	83	1	03	0	0	0	0	0	1				12	38			+44	+32
15	05	9946	+29	+24	+13	14	24	83	0	02	0	0	0	0	0	0									
15	08	9953	+34	+28	+16	13	16	83	0	02	0	0	0	0	0	0									
15	11	9964	+39	+32	+24	12	15	83	0	02	0	0	0	0	0	0									
15	17	9994	+39	+32	+21	00	00	83	0	02	0	0	0	0	0	0									
15	23	0003	+34	+29	+22	12	19	83	1	03	0	0	0	0	0	1				12	36			+41	+28
16	05	0011	+33	+29	+21	12	21	83	8	03	1	3	5	8	7		3								
16	08	0017	+37	+31	+23	12	18	83	8	02	2	5	5	8	7		3								
16	11	0018	+36	+33	+26	12	15	83	8	02	2	5	5	8	7		3								
16	17	0029	+41	+35	+26	00	00	83	8	02	2	6	5	8	7		2								
16	23	0039	+37	+34	+28	12	14	83	8	02	2	6	5	8	7		2			12	33			+42	+30
17	05	0056	+35	+31	+25	12	10	83	7	01	2	5	5	8	3		2								
17	08	0060	+36	+32	+25	00	00	83	6	01	1	4	5	8	3	0	2								
17	11	0065	+37	+34	+26	00	00	83	3	01	1	1	5	8	3	0	2								
17	17	0055	+37	+35	+26	18	01	83	3	03	1	0	0	9	3	2									
17	23	0036	+34	+31	+27	00	00	82	5	03	1	2	5	8	3	0	3			11	20			+40	+33
18	05	0019	+28	+27	+25	00	00	06	8	40	4	8	6	1											
18	08	0011	+25	+25	+24	29	01	08	8	40	4	6	6	1	3										
18	11	9992	+33	+31	+28	31	01	24	4	40	2	2	6	0	3	1									
18	17	9978	+31	+30	+29	21	01	06	8	40	2	8	6	0											
18	23	9965	+25	+25	+24	25	05	04	9	45	4									07	09			+35	+25
19	05	9974	+36	+31	+22	11	22	83	2	01	1	0	0	9	3	1									
19	08	9975	+39	+35	+24	12	21	83	0	02	0	0	0	9	0	0									
19	11	9977	+41	+35	+24	12	18	83	0	02	0	0	0	9	0	0									
19	17	9986	+40	+35	+28	08	02	83	0	02	0	0	0	9	0	0									
19	23	9975	+40	+35	+21	14	12	83	1	03	0	0	0	9	0	1				11	39			+45	+25
20	05	9965	+35	+29	+17	09	08	83	2	03	1	0	0	9	0										
20	08	9956	+38	+32	+21	00	00	83	3	03	1	0	0	9	0										
20	11	9935	+42	+34	+21	00	00	83	3	02	1	0	0	9	0										
20	17	9877	+41	+34	+22	08	01	83	5	02	2	0	0	9	7										
20	23	9817	+37	+33	+28	14	15	83	8	01	1	0	0	9	0	0				16	29			+44	+32
21	05	9778	+37	+31	+20	14	28	83	0	02	0	0	0	9	0	0									
21	08	9783	+41	+33	+20	14	15	83	0	02	0	0	0	9	0	0									
21	11	9794	+42	+34	+22	15	10	83	1	02	0	0	0	9	4	0									
21	17	9824	+43	+35	+23	13	10	83	0	02	0	0	0	9	0	0									
21	23	9855	+34	+29	+21	13	06	83	0	02	0	0	0	9	0	0				14	43			+45	+33
22	05	9875	+31	+27	+18	14	22	83	5	03	0	2	5	7	0	4	3								
22	08	9881	+36	+30	+20	13	21	83	7	03	1	3	5	7	3	1	3								
22	11	9891	+37	+32	+23	12	13	83	6	02	1	3	5	7	3	0	3								
22	17	9904	+37	+32	+24	07	01	83	7	02	2	4	8	7	3		3								
22	23	9890	+35	+29	+22	14	02	83	2	01	2	1	5	7	3	0	2			12	40			+41	+30
23	05	9873	+31	+27	+20	11	19	83	1	02	1	1	5	7	0	0	2								
23	08	9867	+35	+30	+22	10	13	83	1	02	0	1	5	7	0	0	2								
23	11	9861	+39	+34	+28	04	05	83	1	02	0	1	6	6	0	0	2								
23	17	9860	+37	+32	+24	00	00	83	6	03	1	2	8	6	3	0	2								
23	23	9860	+34	+31	+25	16	01	83	7	02	2	7	5	8			2			10	30			+40	+29
24	05	9851	+30	+29	+27	00	00	83	8	02	2	8	5	8			2								
24	08	9848	+31	+30	+29	06	01	83	7	02	2	7	5	8	3		2	2							
24	11	9846	+35	+32	+28	00	00	83	6	02	2	2	5	8	3	0	2	2							
24	17	9845	+37	+34	+29	00	00	83	3	01	2	1	5	8	3	0	2								
24	23	9853	+32	+29	+23	13	10	83	2	01	2	1	8	6	3	0	2	2		13	19			+39	+30
25	05	9863	+28	+24	+16	12	19	83	2	02	1	0	0	9	3	1									
25	08	9866	+31	+27	+20	12	12	83	2	02	1	0	0	9	3	5		2							
25	11	9866	+37	+31	+22	09	06	83	4	03	1	0	0	9	3	5		2							
25	17	9877	+35	+33	+29	04	03	83	7	03	1	5	8	7	3		2	2							
25	23	9893	+33	+30	+27	00	00	83	7	02	2	7	8	6			2			12	35			+38	+27
26	05	9912	+32	+30	+27	00	00	83	8	02	2	2	5	8	7		3	2							
26	08	9913	+33	+30	+27	00	00	83	8	02	2	2	5	8	7		3	2							
26	11	9916	+36	+31	+24	00	00	83	8	02	2	1	5	8	7		3	2							
26	17	9916	+34	+30	+24	00	00	82	8	02	2	2	5	8	7		3	2							
26	23	9908	+32	+29	+24	14	01	82	8	02	2	3	5	8	7		3			07	09			+37	+31

Results of Surface Observations,
Mawson December, 1954

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	FROST POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
27	05	9895	+32	+28	+21	00	00	83	8	02	2	3	5	8	7		3								
27	08	9885	+34	+29	+21	00	00	83	8	02	2	2	5	8	7		3								
27	11	9876	+35	+30	+22	00	00	83	6	01	2	0	0	9	7	0									
27	17	9875	+37	+32	+26	34	04	83	3	02	1	1	8	7	5	0	3								
27	23	9882	+30	+28	+26	00	00	83	5	41	1	3	5	7	3	0	3			14	09			+38	+28
28	05	9896	+28	+25	+17	09	04	83	2	41	1	1	6	0	3	0									
28	08	9901	+29	+26	+20	09	03	83	1	41	1	1	6	6	0	0									
28	11	9907	+30	+28	+26	24	01	83	1	02	1	1	5	5	7	0	5								
28	17	9914	+32	+29	+25	03	02	83	3	41	1	3	5	5	6	0	1								
28	23	9911	+29	+27	+22	00	00	81	8	03	1	8	5	5	5	0	1			14	25			+34	+27
29	05	9909	+25	+22	+16	18	03	83	2	01	2	1	5	6	0	1	2								
29	08	9904	+28	+24	+16	00	00	83	2	02	1	1	5	6	0	5	2								
29	11	9900	+30	+28	+23	04	04	83	2	02	1	1	5	5	0	0	2								
29	17	9904	+32	+29	+26	31	01	83	3	03	1	3	5	4	0	0									
29	23	9900	+26	+27	+24	19	02	63	2	01	1	0	0	9	3	1				13	11			+33	+24
30	05	9898	+30	+25	+17	20	04	83	1	02	1	0	0	9	0	1									
30	08	9889	+35	+29	+21	13	19	83	1	02	1	0	0	9	0	1									
30	11	9893	+36	+33	+26	05	03	83	1	02	1	0	0	9	0	1									
30	17	9892	+39	+33	+25	00	00	83	0	01	1	0	0	9	0	0									
30	23	9876	+34	+30	+24	12	14	63	3	03	0	0	0	9	3	0		2		19	28			+42	+23
31	05	9852	+33	+29	+22	12	22	83	3	01	2	1	5	8	3	0	2	2							
31	08	9847	+37	+31	+24	10	15	83	7	03	1	3	5	8	3		2	2							
31	11	9833	+38	+33	+26	06	20	83	6	02	2	4	5	8	3	0	2	2							
31	17	9809	+37	+34	+29	06	08	83	7	02	2	5	5	7	3		2	2							
31	23	9805	+34	+29	+21	10	21	83	5	02	2	1	5	6	3	0	2	2		11	35			+40	+31

Results of Radiosonde Observations, Heard Island, January, 1954

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10-1	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg
01	987	+052	36	-11	075	-014	26	120	-056	21	167	-089	14	270	-137	13	386	201	
02	980	+003	37	-16	068	-035	30	113	-055	27	161	-084	21	264	-112	19	381	144	15
03	974	+019	34	-17	068	-012	33	113	-056	26	160	-088	22	263	-171	11	376	263	05
04	988	+033	37	-09	075	-035	26	120	-065	24	167	-104	18	269	-163	12	383	235	06
05	996	+030	39	-03	082	-025	33	127	-039	28	174	-054	28	278	-089	25	396	155	11
06	994	+035	42	-04	081	-000	38	126	-014	37	174	-032	34	280	-076	13	397	164	06
07	981	+050	44	-15	070	+043	53	117	+014	47	166	+004	46	272	-023	41	393	090	
08	970	+038	39	-24	061	-002	36	106	-041	30	153	-079	24	256	-139	16	372	185	11
09	982	+020	37	-14	070	-020	33	116	-047	29	163	-070	25	266	-143	14	381	200	10
10	006	+026	24	+05	089	-052	21	134	-088	18	181	-076	09	285	-086		403	148	
11	996	+052	43	-03	083	+026	50	129	+020	51	178	+017	54	286	+000	54	408	051	30
12	000	+041	34	+01	085	-040	25	129	-083	19	176	-112	13	277	-180	08	395	195	
13	004	+017	28	+04	087	-060	23	132	-093	20	178	-123	16	279	-174	08	393	222	04
14	010	+031	40	+09	094	+045	46	140	+023	37	189	+010	20	296	-014	24	417	086	08
15	990	+035	45	-08	078	-012	39	123	-039	34	171	-060	31	275	-084	17	394	110	
16	999	+044	24	-10	084	-030	24	129	-074	21	176	-060	22	281	-063	25	400	101	21
17	984	+057	40	-13	075	-024	30	116	-046	26	165	-073	24	267	-131	16	383	179	08
18	987	+041	36	-10	075	-018	32	120	-051	25	167	-093	20	270	-137	15	387	148	
19	993	+035	32	-05	079	-026	27	124	-064	22	172	-096	20	273	-170	11	388	205	05
20	994	+034	29	-04	080	-040	25	125	-059	18	172	-096	15	273	-171	09	388	208	
21																			
22	009	+008	36	+08	091	-053	27	136	-073	22	183	-100	19	284	-180	10	398	269	05
23	020	+025	38	+16	100	-060	22	145	-056	16	192	-054		296	-074	15	416	123	17
24	004	+055	55	+04	090	+035	55	136	+033	57	185	+020	55	292	-029	44			
25	993	+033	35	-05	079	-027	27	124	-061	23	171	-097	14	273	-172	12	389	172	10
26	984	+025	34	-06	076	-026	31	121	-064	24	168	-090	20	270	-175	10	384	219	05
27	994	+025	25	-00	084	-040	27	129	-066	25	176	-095	20	279	-120	11	395	179	06
28	005	+023	40	+05	089	+023	44	135	+001	36	184	+031	19	291	-018	32	413	075	22
29	988	+032	45	-09	077	+059	64	124	+057	67	173	+037	54	281	-020	45	402	078	12
30																			
31	990	+017	34	-07	077	-019	33	122	-031	32	170	-050	30	274	-111	21	391	175	11

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹
01	519	275		676	393		869	462	138	453	330	454	602	433	753	419	947	425
02	518	210	10	679	336	03	874	479	140	481	330	476	599	453	750	400	946	392
03	506	332	02	660	409		853	462	124	448	318	433	593	402	744	410		
04	515	303	02	669	414		860	523	127	490	319	420	593	441				
05	532	230	03	692	346	02	885	517	145	527	332	488	599	456	748	450	941	439
06	532	227		693	345		886	519	149	478	339	475	608	443	758	427		
07	531	185		694	284													
08	506	261	04	663	378	01	856	461	129	410	323	429	597	412	747	445		
09	514	289	05	670	406		859	536	125	455	319	423	592	435	743	416	937	421
10	540	186	11	703	283	03	902	453	164	557	349	510	614	477				
11	548	158	14	713	260	08	914	405	178	592	361	540	623	510	768	479	958	485
12	525	302		680	423		872	426	146	421	341	424	614	433	763	457		
13	527	235		686	356		879	514	141	498	330	486	600	446	748	471	939	452
14	556	197	06	718	318	03	914	476	169	592	352	524	616	486	764	455	957	420
15	532	196		693	312		890	472	157	475	346	466	615	479	763	445	957	422
16	534	198	12	702	269	07	902	436	164	530	350	530						
17	517	251		676	360		876	370	155	594	350	443	622	450				
18	523	223		683	336		878	485	148	431	341	451	611	463	760	427		
19	520	309		675	417		866	476	136	456	328	445	602	440	751	443	945	424
20	521	259		680	361		875	502	139	470	329	463	599	454	748	448		
21																		
22	528	316	03	682	421		872	499	140	448	330	444	601	439				
23	552	309	10	714	309	04	911	449	170	633	352	559						
24																		
25	523	256		681	385		872	511	140	450	332	451	603	431	753	433	947	423
26	516	323		669	435		860	458	133	423	328	423	602	423	753	414	949	404
27																		
28	552	179	11	716	274	04	917	421	180	575	365	520	628	536	772	507		
29	542	169																
30																		
31	524	270	05	681	385	02	873	514	141	452	332	459	603	449	752	448	944	445

Results of Radiosonde Observations, Heard Island, February, 1954

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg
01	001	+058	44	+001	086	-036	30	131	-061	27	178	-089	25	280	-145	11	397	168	
02	006	+042	37	+005	090	-045	26	134	-075	22	181	-105	18	283	-149	08	399	165	04
03	004	+054	36	+004	088	-026	33	134	-055	29	181	-091	22	283	-153	14	398	160	08
04	007	+021	31	+006	089	-074	20	134	-102	14	180	-147	11	283	-129	09	399	161	06
05	011	+024	31	+009	093	-045	19	136	-082	13	185	-109	12	286	-118		405	159	
06	011	+066	53	+010	096	+065	56	143	+045	48	193	+076	62	302	+018	40	425	045	11
07																			
08	001	+053	41	+001	086	-043	28	130	-072	24	178	-107	19	280	-146	14	395	185	04
09	003	+018	29	+003	087	-059	24	131	-089	20	178	-101	10	279	-140	05	395	170	
10	007	+019	28	+008	091	-056	23	136	-047	27	184	-049	15	286	-085		407	138	13
11	010	+035	46	+009	094	+046	12	141	+025		189	+000	19	296	-032	32	417	100	21
12	004	+040	47	+004	089	-016	37	134	-045	29	182	-053	18	286	-046	11	409	091	24
13	993	+040	37	+003	086	-025	26	125	-065	22	172	-094	18	276	-019		396	080	
14	007	+034	37	+006	092	-041	29	135	-061	24	185	-040	17	287	-087	09	407	108	
15	016	+056	42	+014	098	+003	40	145	+034	03	194	+030	57	302	-004	11	423	074	
16	001	+055	53	+011	088	+086	78	135	+056	68	185	+038	03						
17	002	+035	26	+002	086	-035	19	131	-042	11	179	-065	12	285	-074		401	135	12
18	004	+035	38	+004	087	-017	55	133	-032	33	181	-062	24	284	-125	19	400	193	09
19	008	-004	34	+007	091	-037	32	135	-064	28	183	-040	25	287	-101	12	403	139	
20	013	+071	54	+011	097	+030	47	143	+047	58	193	+061	70	301	-003	45	423	080	25
21	009	+042	61	+008	095	+050	60	142	+057	68	191	+055	48	299	-010	29	421	070	15
22	998	+036	38	-001	084	-025	31	129	-066	27	176	-096	21	277	-162	12	391	239	04
23	007	+039	42	+008	091	-038	25	136	-011	10	184	-033		290	-025		411	086	16
24	000	+046	35	+001	085	-035	27	130	-074	22	177	-117	16	278	-179	11	392	247	05
25	012	+049	39	+010	094	-039	25	139	-066	24	187	-070	25	290	-089	24	409	108	23
26																			
27	012	+056	42	+010	096	+055	40	143	+090	15	193	+076		301	+036		424	065	13
28	015	+045	49	+013	099	+043	55	145	+018	48	194	-006	42	302	+016		425	067	14

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹
01	532	241		691	353		886	462	151	489	540	479	607	486	754	466	947	419
02	532	277		689	365		882	505	151	460	342	470	610	469	758	475	945	442
03	533	250		690	376		883	482	150	460	340	478	608	495	755	475	948	431
04	532	279	04	688	399	01	879	544	143	463	334	464						
05	540	248		699	345		894	496	155	506	343	492	608	486	754	501	943	462
06	566	131	07	732	252		935	598	198	622	379	577	631	591	771	567	956	505
07																		
08	530	254		687	378		880	466	150	443	342	458	612	451	760	465	952	426
09	529	260		687	383													
10	544	206	01	705	332	04	900	483	157	570	341	520	604	513	749	501	939	464
11	555	182	12	718	305	05	915	465	172	642								
12	547	165	16	712	273	08												
13	538	123		705	244													
14	545	159																
15	563	177	07	726	283	03	927	455	188	570	368	578						
16																		
17	538	199	13	699	309	05	896	460	161	488								
18	533	283	04	689	420	01	878	533	145	463								
19	539	238																
20	562	148		727	280													
21																		
22	521	322		678	362		875	401										
23	550	186	09															
24	524	318																
25																		
26																		
27	564	165	14	730	243	05	932	415	195	600	375	565	630	583	772	539		
28	564	158	16	729	261	03	929	445	191	554	373	596	627	526	770	552		

Results of Radiosonde Observations, Heard Island, March, 1954

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10-1	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	-°C ×10⁻¹	dg/kg
01	017	+064	46	+14	101	+060	44	148	+014	40	197	+030	34	305	+039		429	041	
02	015	+024	34	+13	098	+085		145	+079		194	+054		303	+012	20	425	076	10
03	014	+039	46	+12	098	+058	37	144	+046	43	194	+015	38	300	-015	23	422	080	
04	995	+056	52	-004	093	+051	56	129	+046	55	178	+015	50	285	-006	50			
05	998	+041	49	-001	084	+021	50	130	+005	47	179	-030	38	283	-102	19	402	092	
06	999	+036	37	-000	084	-031	29	129	-046	20	177	-083	14	280	-143	06	394	241	03
07	994	+042	46	+001	085	+003	41	131	-019	38	179	-030	37	284	-073	28	403	143	15
08	000	+032	33	+001	086	+059	50	133	+046	53	185	+045	61	291	+008	53	413	060	36
09	996	+011	35	-003	081	-042	26	126	-034	28	174	-038	27	280	-032	31	401	065	35
10	001	+054	40	+001	086	-002	37	132	-000	43	180	-030	36	286	-059	32	404	127	20
11																			
12	001	+065	55	+001	087	+026	51	134	+049	64	183	+034	61	291	-005	30	413	076	08
13	994	+046	41	-004	081	-034	26	126	-055	25	173	-077	11	275	-174	07	389	233	07
14	014	+046	39	+012	097	-012	32	142	-026	19	190	-071	20	294	-077	25	412	125	20
15	998	-017	24	-002	082	-035	28	126	-066	24	174	-080	12	277	-075		395	132	
16	004	+045	39	+004	089	-026	31	134	-055	27	181	-093	21	285	-089	25	404	100	
17	990	+041	41	-008	077	-015	49	123	-046	31	170	-068	26	274	-101	20	391	171	07
18	005	+034	39	+005	088	+043	25	133	-071	20	180	-100	16	282	-146	05	398	205	
19	004	+021	36	+008	092	-041	25	137	-057	24	184	-070	20	287	-104	15	405	165	12
20	993	+022	32	-005	079	-044	27	124	-067	25	171	-101	16	275	-141	05	388	211	
21	989	+026	35	+008	076	-023	29	121	-059	25	168	-080	22	271	-159	13	385	219	08
22	004	+011	36	+004	086	-045	28	133	-061	27	180	-066	26	284	-093	24	402	119	21
23	999	+009	37	-008	076	-029	30	121	-054	26	168	-091	18	270	-153	10	384	240	07
24																			
25	996	+017	38	-003	082	-046	27	127	-048	28	174	-065	26	279	-090	24	398	112	23
26	987	+031	44	-010	075	-026	33	120	-056	28	167	-088	23	269	-177	11	383	235	05
27	980	+015	32	-016	069	-036	26	114	-076	22	161	-109	16	262	-164	07	376	254	02
28	986	+034	39	+003	082	-037	29	127	-061	25	174	-093	20	276	-178	10	399	205	05
29	001	+022	40	-001	087	+025	49	133	+045	62	182	+051	63	291	+020	46	414	035	
30	992	+017	42	-006	078	-040	31	123	-066	26	170	-083	23	274	-064	32	394	117	22
31	014	+027	32	+012	095	-056	23	140	-096	21	187	-096	17	291	-047		411	114	07

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	-°C ×10⁻¹	dg/kg	gpDm	-°C ×10⁻¹	dg/kg	gpDm	-°C ×10⁻¹	gpDm	-°C ×10⁻¹	gpDm	-°C ×10⁻¹	gpDm	-°C ×10⁻¹	gpDm	-°C ×10⁻¹	gpDm	-°C ×10⁻¹
01	570	134		735	261		937	420	200	552	385	584	637	569	779	536	965	501
02	565	171	05	729	272		930	411										
03	561	190		723	319		920	471	184	550	369	527	630	533	774	515	962	489
04																		
05	540	214		699	358		892	502										
06	527	282		684	393	01	877	461	152	425	346	440	616	461	765	461		
07	538	253	06	696	377	02	889	475	160	432	352	460	620	460	769	460		
08	554	157	20	720	245	08	924	364	194	529	376	585	635	529	779	504		
09	541	143	19															
10	543	185	08	705	316		904	409										
11																		
12	552	162	09	715	293	02	916	408	180	598	363	549	624	542	768	523		
13	521	321		674	454		864	426	138	424	332	432	605	456	753	467	945	439
14	552	151	18	717	241	09	921	384										
15	532	220		694	296		894	403										
16	542	195	04	703	327	03	899	483	160	506	347	499	614	470	762	453		
17	525	276	04	681	388		874	444	148	418	341	476	610	484	757	460	948	467
18	530	302		685	429		876	447	149	429	342	458	612	456	759	477	950	465
19	539	246	08	698	344	04	895	454	157	535	342	522	605	517	750	497	938	500
20	522	265		679	398		872	415	147	428	339	477	606	485	753	485		
21	517	320	03	671	428		862	441	136	441	328	456	595	500	741	500	930	479
22	539	206	11	700	331	04	897	462	161	493	348	523	610	520	755	516		
23	515	338	03	669	396		864	404	141	407	334	445	604	463	752	453		
24																		
25	536	204	11	697	323	03	894	465	156	520	342	539	604	501	750	477		
26	514	328		667	455		857	451	129	451	321	463	590	453				
27	505	361		656	422		852	402	128	416	323	447	593	471				
28	521	314		677	394		873	415	146	458	335	493	601	484	748	470		
29	556	145		720	273		920	434	181	588	364	556	620	581	762	540		
30	532	164	17	697	266	08	900	390	166	541	352	516						
31	550	164	10	714	279	03	914	423	175	617	353	582						

Results of Radiosonde Observations, Heard Island, April, 1954

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg
01	012	+055	42	+110	095	+035	13	141	+022	39	190	+010	47	297	−039	40	416	129	21
02	997	+013	44	−022	064	+032	42	130	+036		179	+009		285	−030		406	094	
03	975	+035	40	−025	065	−025	36	110	−056	27	157	−088	22	259	−168	13	373	256	05
04	007	+006	33	+006	092	−060	24	134	−0093	20	181	−089	14	285	−103		402	158	05
05	003	+044	43	+003	088	−004	38	134	+0009	45	185	+015	50	290	−020	41	411	094	27
06	005	+023	24	+005	088	−052	22												
07	998	+015	33	−001	085	−061	23	134	−0036	08	181	−050		285	−090		403	162	13
08	996	+033	36	−003	082	−040	27	128	−0089	14	175	−119	13	276	−175	05	390	233	
09	016	+031	38	+013	098	+0007	39	126	−0068	24	174	−101	20	275	−177	11	390	191	10
10	014	+066	51	+012	098	+0048	55	143	−0002	36	196	−025	31	297	−040		417	082	
								145	+0025	52	194	+0008	45	301	+006		422	076	
11	004	+034	47	+004	090	+038	56												
12	988	+046	36	−009	075	−031	29	136	+0047	63	186	+029	59						
13	004	+0007	18	+004	087	−061	18	120	−0063	25	168	−094	21	270	−145	11	385	195	
14	004	+053	41	+004	089	−032	30	132	−0070	18	175	−093	10	281	−142		396	215	
15	993	+058	47	−005	080	+005	41	134	−0066	25	184	−081	21	284	−115	06	401	174	
								126	−0034	33	174	−044	32	278	−103	22	396	151	16
16	992	+025	28	−006	079	−046	23												
17	986	+014	38	−011	074	−024	33	124	−0067	16	171	−104	12	272	−182	10	385	268	07
18	998	+022	22	−011	083	−063	15	119	−0051	30	166	−076	25						
19	003	+030	33	+003	087	−042	26	127	−0111	13	173	−141	13	274	−155		389	217	
20	009	+016	36	+008	092	−050	27	152	−0077	22	179	−095	20	281	−131	10	397	212	07
								136	−0057	28	184	−052	24	286	−104	14	405	179	12
21	992	+030	32	−006	078	−040	25												
22	999	+035	39	−000	085	+017	40	123	−0072	22	170	−108	17	272	−113		389	185	
23	998	+006	33	−011	084	−057	25	131	+0004	44	179	−035	36	286	−033	11	405	152	07
24	017	+040	34	+014	098	−050	23	128	−0093	20	175	−120	15	275	−195	04	388	284	03
25								143	−0025	10	191	−044		295	−093	12	413	155	11
26	995	+040	51	−003	082	+019	47												
27	008	+011	29	+007	091	−059	23	128	+0014	46	177	+051		284	−029		404	108	
28	997	+052	34	−002	082	−047	25	135	−0090	20	182	−121	16	283	−192	09	397	225	07
29	007	+023	36	+006	090	−015	37	127	−0071	23	174	−101	20	276	−143	15	392	185	
30	008	+036	33	+007	091	−045	22	136	−0026	35	184	−057	29	289	−045	18	408	144	11
								136	−0079	21	183	−059		288	−070	16	407	136	12

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹
01	554	169	16	717	285	06	917	449	177	616	356	578	613	553	757	528	943	511
02	544	213																
03	502	364	02	654	453	01	850	393	125	432	317	463						
04	537	255	04	695	371	01	887	525	148	494	336	508	599	545				
05	550	186	13	713	292	05	912	459	173	578	355	560	614	532	757	545	942	527
06	540	200	12	702	302	05	899	451	163	502	351	518	610	555	753	532	937	552
07	521	283		677	384		870	473	138	473	327	504	591	517	736	495		
08	523	278	05	680	411		869	496	136	477	326	482	591	501	737	506		
09	557	159		721	276	03	921	439	182	580	364	574	616	590	757	561	940	532
10	562	158		725	277	05	925	433	186	570	369	562	626	562	768	565	952	535
11																		
12	519	254		679	320		878	459										
13	529	279	04	687	358		881	485	142	537	327	535	589	513	754	497	923	491
14	537	217		697	347		891	510	147	585	329	554	589	539	732	550	916	520
15	531	259	07	691	340	04	885	510										
16	515	320		669	437		857	508										
17																		
18	521	315		675	424		863	551	128	473	317	496						
19	528	319	03	682	438		868	584	127	505	315	469	581	495	721	512		
20	540	226	10	700	343	04	895	501	149	635	327	614						
21	522	293	02	678	386		871	464	139	496	326	519	587	534	731	517	917	515
22	542	212		701	368		895	486	155	583	338	536	599	535	742	545		
23	517	347		669	433		859	498	125	496	314	489	578	505	723	514		
24	548	249	05	708	356	01	902	503	155	615	337	549	597	537	741	518	910	505
25																		
26	541	207		702	329		897	509	153	590	333	587	589	562	731	554	915	543
27	528	301	04	682	449	01												
28	525	264		683	383		874	515	135	500	322	515	586	502	731	517	917	526
29	543	243	06	702	353	02	897	504	149	645	324	606						
30	543	211	04	704	333	03	900	480	159	616	337	594	593	564				

Results of Radiosonde Observations, Heard Island, May, 1954

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg
01	006	+030	41	+05	090	-036	32	135	-018	38	183	-002	11	290	+030		415	064	
02																			
03	003	+016	30	+03	087	-055	20	131	-090	13	178	-102	06	281	-106	14	395	146	11
04	976	+050	46	-19	066	-001	39	112	-023	38	160	-035	25	265	-019	11	386	094	
05	958	+012	39	-34	050	-026	34	096	-040	33	143	-071	28	246	-124	10	365	191	10
06	973	+001	35	-21	063	-035	27	108	-065	22	155	-100	14	256	-183	06	369	270	03
07	961	+017	33	-32	053	-024	34	098	-058	25	146	-087	22	247	-168	12	361	262	05
08	979	-006	27	-17	069	-069	17	113	-101	13	159	-131	12	260	-199	06	372	292	02
09	995	-022	31	-04	079	-083	19	123	-119	15	169	-145	13	269	-231	06	380	297	03
10	013	+015	37	+11	095	-049	26	141	+045	16	190	+016		296	-051	12	415	157	
11	015	+023	39	+13	097	-019	37	142	-019	39	190	-041	35	295	-068		414	135	
12	013	+030	36	+11	095	-011	31	141	-040	29	188	-069	25	293	-059		412	111	
13	004	+001	26	+04	087	-059	24	132	-091	20	179	-125	16	279	-202	07	394	190	
14																			
15	012	+023	36	+10	095	-001	09	140	-031	08	188	-039	08	294	-031	16	414	106	12
16	000	+036	33	+00	085	-047	23	129	-077	20	177	-100	12	279	-099		399	103	
17	997	+014	29	-02	083	-059	22	127	-085	20	174	-107	18	277	-134	15	393	164	14
18	982	-005	30	-14	069	-059	24	114	-096	21	160	-137	14	260	-218	09	372	303	02
19	017	+014	30	+14	097	-061	24	142	-078	19	184	-090		292	-110	18	409	160	13
20	014	+035	48	+12	098	+065	54	145	+085	40	195	+056	21	302	+008	13	425	079	
21	007	+043	40	+06	090	-045	27	135	-077	21	182	-056	07	287	-065		407	095	13
22	990	+002	23	-08	076	-060	20	121	-103	18	167	-146	13	267	-221	06	379	282	05
23																			
24	011	-005	30	+09	093	-063	23	136	-012	15	186	-039		290	-099	06	406	144	05
25	997	+039	42	-02	084	+056	52	130	+040	55	180	+015	44	286	-033	11	406	142	10
26	999	+010	37	-01	085	-054	25	129	-090	19	176	-109	18	277	-171	11	391	263	06
27	994	+029	40	-04	080	-010	36	126	-013	38	174	-013	42	280	-076	25	399	148	12
28	994	+024	33	-04	080	-049	24	124	-069	20	171	-107	16	274	-170	08	386	242	03
29	967	+024	33	-27	058	-020	28	103	-056	24	151	-088	18	252	-171	09	366	259	03
30	990	+000	28	-18	076	-072	21	120	-108	18	166	-146	13	267	-207	08	379	294	04
31	992	-035	26	-06	077	-084	19	121	-127	14	167	-156	12	266	-224	06	377	304	04

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹
01	552	164		716	294	03	915	445	171	682	546	620						
02																		
03	535	240	08	690	325	04	892	454	152	610	535	536	589	581	729	581	911	567
04	524	210		685	332		881	472	149	482	337	504	600	532				
05	496	289	04	652	408		845	435	117	445	309	461						
06	498	351		649	467													
07	489	381	02	636	480		826	480	096	444	287	465	554	496	700	513		
08	499	418		646	539		830	559	093	499	282	479	549	498	694	499	882	504
09	508	377	01															
10	550	246		708	362	01												
11	550	245	06	708	364	03	901	512	154	654	334	576	589	600	728	573		
12	549	218		710	332	02	905	477	161	656	340	583	596	569	738	542		
13	527	270		684	384		877	487	143	477								
14																		
15	552	205	06	713	337	02	907	503	159	648	338	590	594	566	735	557		
16	536	204		699	312		895	472	153	605	335	568	593	537				
17	528	240	08	688	337	04	882	512	137	632	316	570	575	556	717	560		
18	499	412	01	647	479		838	447										
19	544	241	08	703	357	03	896	516	149	625	328	580	583	553	726	525	912	539
20	564	189		725	333		918	498	171	683	347	613	602	579	742	574		
21	545	215	05	705	338	03	901	455	162	555	346	530	605	568	745	585	925	576
22	507	345	03	659	443	01	851	440	123	446	314	489						
23																		
24	544	220	08	705	316	04	903	456	160	669	334	623	585	594	726	558	908	566
25	542	216	09	702	349	03	895	487	153	580	335	568	591	586	731	589		
26	522	307	02	679	374	01	871	508	133	490	321	512	583	542	726	542		
27	534	260	05	691	390	01	881	537	137	540	322	537	581	545	723	560		
28	518	308		672	425		860	557	121	500	309	517	571	517				
29	497	299		654	393		848	465	117	450	306	503	570	514				
30	507	375	02	658	476		844	543	107	493	296	495	559	526	702	528		
31	504	386	01	655	453		846	483	112	484	299	517	562	543	706	540		

Results of Radiosonde Observations, Heard Island, June, 1954

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg
01	998	−022	23	−001	085	−095	17	129	−128	14	175	−157	11	275	−189	05	389	235	
02	004	−011	22	+004	086	−094	17	131	−132		179	−056	11	283	−112	08	400	162	05
03	989	+017	38	−008	077	+030	48	123	−003	41	172	+019	20	278	−050	09	397	125	
04	970	+008	41	−024	061	+021	50	107	+008	41	155	−012	19	260	−073	07	376	155	10
05	976	+000	37	−019	065	−026	34	111	−010	34	159	−019	12	264	−096	10	381	170	07
06	988	−020	26	−009	074	−046	24	119	−072	22	166	−068	26	270	−103	23	387	183	13
07	990	+010	41	−008	077	−041	26	122	−044	26	170	−062	25	275	−134	16	388	194	10
08	000	−005	28	+001	084	−076	20	128	−089	19	175	−087	18	278	−129	12	395	185	05
09	993	+005	39	−005	079	−030	34	125	+020	47	173	+000	42	279	−060	29	399	131	17
10	975	−006	35	−020	065	−025	34	110	−059	28	157	−086	24	259	−156	05	373	223	
11	984	+020	36	−013	072	−029	29	117	−069	21	164	−104	19	265	−184	10	379	264	04
12	992	−010	33	−006	077	−071	22	122	−071	22	169	−107	16	270	−185	09	383	282	04
13	991	−016	21	−007	076	−084	16	120	−087	06	167	−122		268	−181		381	267	02
14	980	−022	25	−016	068	−069	18	112	−106	16	159	−127	15	259	−189	09	372	276	05
15	995	−025	21	−004	079	−088	15	123	−112	13	170	−126	08	271	−157		386	204	
16	982	+020	41	−014	071	−023	33	116	−037	28	164	−055	07	267	−146		381	241	
17	990	+005	37	−008	076	−059	23	121	−067	13	168	−054		272	−111		388	185	
18	984	+008	39	−013	071	−037	30	116	−066	27	163	−105	19	265	−177	07	376	271	03
19	983	−003	32	−013	070	−057	24	115	−088	20	161	−125	16	262	−203	06	374	282	03
20	987	−050	18	−010	072	−107	12	116	−150	09	162	−123		263	−175		377	243	
21	976	+025	39	−019	065	−038	27	110	−067	21	157	−100	17	259	−140	09	376	186	09
22																			
23	996	+012	33	−003	081	−055	25	125	−095	20	172	−124	16	272	−209	08	384	304	04
24	996	+000	20	−003	081	−075	14	125	−121	13	171	−146	12	270	−226	05	383	237	03
25	002	+019	44	+002	087	+022	50	133	+006	47	182	−010	45	288	−074	29	405	160	13
26	996	+009	34	−003	081	−048	28	126	−034	22	174	−058	10	277	−107	26	394	171	13
27	984	+000	22	−012	071	−065	17	116	−101	12	162	−145	09	262	−223	07	373	308	03
28	994	+014	23	−004	079	−067	16	124	−109	16	170	−141	14	269	−213	04	382	233	
29	980	−014	28	−016	068	−052	19	113	−057	17	160	−084	17	263	−114	20	380	186	12
30	999	−020	16	−000	082	−087	11	126	−128	10	172	−151	08	274	−145		389	220	05

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹
01	521	292		676	419		865	561	117	586	298	573	555	549	697	565		
02	535	259		693	387		883	546	133	653	311	593	565	580	705	595		
03	534	240		692	376	02	882	554	136	574	319	554						
04	513	253		671	394		863	512	124	515	311	500						
05	516	263	03	673	401	01	861	574	115	563	300	520	563	506	707	536	892	541
06	520	282	06	676	409	01	864	572	115	607	295	589	552	554	694	554		
07	521	301	04	675	431		864	561	121	569	303	569	560	572	701	576	882	585
08	528	293	02	684	407		873	529	131	537	316	545	573	570	713	586		
09	535	229	08	695	351	03	887	520										
10	505	278		662	383		854	479										
11	508	357	01	659	448		848	509	114	496	302	508	564	540	707	548	890	569
12	511	363	02	662	473		849	532	112	522	299	514	558	555	700	559		
13	510	374	01	660	477		847	536	108	505	294	536	553	572	694	586	875	584
14	502	359	02	652	455		839	552	099	519	285	541	545	539	688	539	871	567
15	518	292	02	673	409		863	537	117	600	298	577	555	568	697	558	879	571
16	512	314		667	403		857	549	115	534	299	555	557	549	701	540		
17	521	272		678	385		869	514	127	562								
18	508	326		662	414		853	502	113	545	297	585	551	585	691	621		
19	503	368	01	654	483		837	593	093	582	274	584	529	584				
20	507	341		659	458		845	575	098	584	279	578						
21	508	305	04	663	440	01	849	573										
22																		
23	511	407		659	486		845	577										
24	514	324		668	442		856	551	110	565								
25	540	254	03	698	369	01	890	530	142	677	316	633	567	601	706	611	884	611
26	529	268	06	686	406	02	873	587	122	645	300	605	552	608				
27	499	428	01	646	468		835	520	095	550	279	550	537	564	676	600		
28	514	294		670	409		859	563	109	612	289	583	544	606				
29	513	287	02	669	409		858	550	115	569	297	561	553	583	694	567	873	603
30	520	319	02	673	451		859	579	114	546	298	545	556	564	698	560	880	571

Results of Radiosonde Observations, Heard Island, July, 1954

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg
01	992	−006	37	−006	078	−029	31	123	−027	31	171	−033	30	276	−103	18	393	169	11
02	969	+015	34	−025	060	−030	27	105	−056	23	152	−088	20	254	−170	13	368	251	06
03	984	+000	25	−012	072	−051	21	116	−088	20	163	−129	16	263	−206	05	375	269	
04	984	−012	33	−012	071	−067	24	116	−095	21	162	−126	16	263	−192	09	377	236	06
05	000	−016	22	+001	083	−086	18	127	−125	15	173	−163	12	272	−246	05	383	328	02
06	000	−037	16	+001	083	−104	15	126	−146	12	172	−188	08	270	−265	04	379	321	01
07	016	−045	20	+013	095	−124	10	138	−124	04	184	−139		285	−171		399	246	
08	016	−048	18	+013	095	−122	14	136	−096	10	185	−116	05	286	−167		401	230	
09	003	+004	39	+003	087	−054	26	131	−056	27	179	−052	30	284	−057	32	404	130	18
10	000	+007	29	+001	094	−066	21	128	−085	21	175	−112	16	276	−191	06	389	260	
11	986	+018	32	−011	073	−049	24	118	−076	17	165	−105	08	266	−185	05	380	247	05
12	980	+024	40	−016	069	−014	35	114	−036	32	162	−063	28	266	−120	18	383	155	15
13	984	−009	31	−012	071	−065	21	116	−100	16	162	−136	11	262	−218	05	373	311	02
14	002	−017	21	+002	085	−090	17	129	−122	14	175	−150	12	275	−196	09	388	268	05
15	987	+030	41	−010	075	−023	33	120	−056	28	167	−078	25	270	−141	12	386	169	12
16	990	+011	36	−008	076	−050	26	121	−085	21	167	−115	17	269	−173	11	382	260	05
17	004	+010	33	+004	087	−058	24	132	−085	22	179	−069	16	283	−108		402	136	06
18	998	+012	24	−001	083	−058	20	127	−093	17	174	−139	12	274	−189		387	245	
19	012	+016	33	+010	094	+015	09	140	−011	10	188	−039	08	292	−096	09	410	163	
20	985	+003	32	−012	072	−050	26	117	−026	31	165	−052	28	270	−075	15	388	155	12
21	983	−006	27	−013	070	−062	23	115	−096	19	161	−127	15	261	−209	08	373	305	03
22	979	−038	21	−016	067	−076	19	111	−107	15	157	−141	10	257	−229	06	368	302	03
23																			
24																			
25																			
26	996	−018	26	+003	080	−070	17	125	−092	12	172	−122	10	272	−205	05	384	274	02
27	981	−019	26	−015	068	−067	17	113	−109	13	159	−146	11	258	−221	07	370	267	02
28	996	−016	23	+003	080	−080	20	125	−114	17	171	−144	13	273	−126	09	389	185	12
29	965	+014	38	+028	056	−020	31	102	−054	27	149	−093	22	251	−164	14	365	252	06
30	961	+005	32	−031	053	−041	22	097	−083	17	144	−124	15	245	−194	09	357	284	04
31	967	−014	27	+026	057	−045	23	102	−085	17	148	−127	13	249	−203	06	361	278	02

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹
01	527	268	05	684	398	01	875	545	124	605	304	594	558	584	698	551	878	594
02	498	323	03	653	407	01	845	505	111	476	301	520						
03	506	323		661	422		850	522	115	506	301	490	567	492	712	529	896	569
04	507	350	02	659	446		849	521	111	527	295	554						
05	509	391	01	660	459		847	545	110	515	295	549	552	555				
06	507	342		661	394		852	518	115	508	303	523	563	540	705	553		
07	528	352		681	428		869	573	122	574	305	539						
08	531	339		684	432		871	586	119	615	299	569						
09	540	220	09	699	371	02	890	553	137	666	315	608						
10	519	351		670	479		854	599	107	560	290	575						
11	509	349	02	661	484		847	547	106	574	287	577	541	609				
12	518	263	06	674	407	02	862	572	116	584								
13	501	372	01	651	493		836	564	096	534	282	541	541	557	682	574	863	596
14	517	383	02	666	518		850	550	108	560	291	572	546	585				
15	522	251	03	680	381	02	871	546	127	582	309	566	565	593	704	614	881	623
16	511	370	02	664	388	01	856	496	121	524	308	530	566	572	707	587		
17	537	243	06	695	363	02	888	510	143	686	316	632	571	585				
18	518	320		672	427		863	480	127	543	311	557	563	631				
19	545	264		702	378		894	531	144	730								
20	524	254	08	681	384	03	872	550	126	562	309	533						
21	500	356	02	654	419	01	844	503	109	504	296	507	556	542	699	540		
22	495	392	01	644	480		832	521	094	523	280	523						
23																		
24																		
25																		
26	514	338		669	415		858	531	117	553	300	543	558	572	698	589		
27	500	355		652	447	01	840	535	097	550								
28	523	256	07	681	371	03	873	541	122	654	297	530						
29	495	342	03	648	453		836	551	094	553	278	555	531	607				
30	486	367	02	636	495		821	571	077	571	260	571	514	605	653	608	832	598
31	490	375		640	495		823	576	079	586	259	605						

Results of Radiosonde Observations, Heard Island, August, 1954

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg
01	979	−007	28	−16	067	−066	21	112	−094	18	158	−125	12	259	−210	07	371	290	04
02																			
03	007	−014	16	+006	089	−100	13	132	−140	12	178	−163	10	279	−146		395	211	
04	000	−005	30	+001	083	−083	20	126	−049	12	175	−073	15	279	−120	17	396	161	14
05	005	−057	14	+004	086	−100	10	130	−110		177	−135		277	−154		392	176	
06	986	+014	31	−11	074	−036	28	116	−076	25	166	−107	14	267	−101	10	363	172	06
07	975	+016	36	−24	064	−040	23	109	−066	18	156	−118	15	257	−174	03	371	235	03
08	993	−010	22	−05	078	−076	19	122	−126	15	166	−137	15	266	−205	07	381	256	05
09	992	+001	26	−06	077	−065	20	122	−106	16	168	−133	10	269	−191		383	219	
10																			
11	969	+009	37	−25	060	−006	37	105	−054	32	153	−043	32	257	−099	07	375	168	
12	962	+002	32	−31	053	−041	28	098	−065	25	145	−100	20	247	−183	10	360	267	05
13	974	+005	23	−21	063	−046	17	106	−091	16	154	−135	14	259	−190	03	366	275	
14	994	−025	21	−04	078	−098	16	122	−124	15	168	−162	11	268	−173	04	384	177	10
15	986	+000	30	−11	073	−066	23	117	−101	17	163	−138	14	264	−215	06	376	293	04
16	997	+008	37	−02	082	−050	26	126	−082	22	173	−110	16	275	−159	05	389	243	02
17	015	+005	33	+12	096	−041	29	142	−041	40	190	−019	36	295	−063	10	414	128	16
18	011	+000	24	+09	092	−082	18	136	−116	16	182	−148	13	283	−163		396	204	07
19	004	+003	28	+07	090	−074	21	134	−103	18	181	−097	21	284	−116	16	401	183	09
20	006	+011	37	+05	090	−017	36	136	+045	31	185	+042	21	293	−023		413	100	
21	015	+016	39	+13	097	+021	46	143	+013	50	191	−021	37	297	−071	15	415	119	07
22	020	+021	39	+16	102	+043	50	149	+017	49	197	−015	41	305	−030	16	424	116	08
23	011	+022	44	+09	084	+006	44	140	+001	42	188	−028	36	294	−058	06	413	123	06
24	986	+026	46	−11	074	+012	46	120	−012	41	168	−020	41	273	−080	25	392	167	13
25	992	−014	22	−06	077	−060	19	121	−108	17	168	−147	13	268	−207	07	381	265	04
26	988	+000	21	−14	070	−061	18	114	−098	15	161	−134	14	260	−221	07	372	301	04
27	988	−036	16	−16	067	−098	15	111	−128	07	157	−166	06	257	−207	03	366	305	02
28	978	−019	31	−17	066	−073	20	110	−106	15	157	−147	11	256	−227	05	367	322	02
29	984	−013	18	−12	071	−079	15	115	−122	14	161	−156	09	261	−217		372	304	
30	995	−009	21	−04	080	−084	17	124	−116	15	170	−137	04	271	−164		385	229	06
31	964	−015	33	−29	055	−054	27	099	−085	21	146	−115	15	247	−200	06	359	278	04

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS	80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹
01	499	364	02	651	461		835	613	085	636	262	617	535	617	650	636		
02																		
03	527	296		682	426		870	578	117	661	293	621	545	619	683	622	660	622
04	531	256	07	690	358	03	882	526	130	742	302	664	548	649	684	657		
05	528	265		685	371		876	536	125	656	301	610						
06	516	300	02	671	405		862	514	122	550	305	545	562	594	701	612		
07	502	359	02	655	443	01	844	499	106	512	295	509	557	557	699	544		
08	510	349	02	662	458		847	585	101	596	282	572	536	592				
09	514	328		667	425		855	567	106	567	287	565	539	602				
10																		
11	509	276																
12	489	344	03	641	452		828	565	085	575	266	569	518	628	655	631		
13	496	393		645	503		831	565	085	612	263	630						
14	518	276	05	674	412		863	567	116	594	297	579	549	620	687	636		
15	503	386	02	653	468		842	526	103	523	288	551						
16	520	343		672	429		860	556	116	566	296	605						
17	551	231	06	711	349	03	904	517	155	696	325	669						
18	530	298	04	685	415													
19	535	256	05	692	387	01	883	553	131	696	305	650	551	655	686	670	861	655
20	550	217		710	344		904	503										
21	552	225	04	711	375	01	903	527	158	597	338	592						
22	561	222	03	721	346	02	915	497	170	686	350	588						
23	550	225	06	710	349	03	903	510	154	674	333	607	565	592	725	586		
24	528	224	06	688	352	03	882	519										
25	510	343	02	664	482		846	558	105	554	291	534	550	539				
26	498	415	01	647	503		830	614	082	593	263	560	519	560	662	547		
27	495	410		644	477		828	599	083	565	265	573	520	580	660	580	643	554
28	492	440	01	640	492		825	588	080	570	262	570	519	557				
29	499	423		646	537		826	635	075	616	254	561	511	549				
30	517	294	05	674	390	02	864	540	113	731	283	565	526	668				
31	489	320	03	644	398	01												

Results of Radiosonde Observations, Heard Island, September 1954

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg
01	996	−002	28	−03	081	−070	21	125	−102	19	172	−133	15	274	−180	10	386	210	09
02	988	+028	39	−09	075	−016	34	121	−059	32	168	−065	28	272	−102	23			
03	974	+014	32	−17	068	−044	26	113	−067	24	160	−100	19	262	−135	17	376	215	08
04	966	−014	22	+05	088	−077	17	135	−111	16	174	−147	15	279	−198	07	393	234	04
05	956	+010	30	−16	066	−043	27	113	−071	23	160	−100	19	262	−175	12	375	273	05
06	009	−025	16	+08	090	−109	13	134	−095	10	180	−110		282	−179		395	206	
07	971	+025	40	−23	061	−013	35	107	−042	30	155	−052	30	259	−107	21	375	196	10
08	993	−001	26	−03	078	−075	19	122	−114	16	164	−147	13	269	−195	09	384	173	10
09	986	+055	44	−16	069	−002	41	115	−021	37	163	−044	33	267	−067	22	385	142	18
10	987	−022	18	−10	073	−068	13	117	−124	15	163	−120	05	263	−167		376	258	
11	998	−007	25	−01	082	−061	17	127	−090	16	173	−123	14	274	−199	07	387	265	
12	000	−002	26	+01	084	−087	18	128	−127	14	174	−136	14	275	−182	11	386	244	05
13	002	+006	25	+02	085	−075	19	130	−099	18	176	−141	14	276	−208	07	389	270	04
14	987	+018	32	−10	074	−044	26	119	−081	22	165	−117	18	267	−143	14	385	191	
15	977	+031	38	−18	066	−020	32	112	−046	29	159	−071	25	264	−172	11	376	244	06
16	982	−012	15	−14	069	−081	12	113	−125	10	159	−173	08	257	−256	02	369	267	
17																			
18	974	−010	19	−21	065	−076	16	107	−110	13	153	−151	11	253	−234	06	363	326	03
19	987	−041	15	−10	072	−105	10	116	−148	09	161	−187	08	260	−250	05	496	403	
20	993	−006	25	−05	078	−081	17	122	−120	13	168	−154	12	268	−210	06	380	273	04
21	995	−025	16	−04	079	−119	13	122	−161	10	167	−197	08	266	−250	06	377	296	03
22	001	−026	21	+01	084	−076	19	126	−119	16	174	−132	16	276	−155		391	197	
23	996	−012	26	−08	076	−076	18	120	−115	16	166	−137	12	266	−126		385	194	
24	005	−052	13	+03	084	−134	11	126	−148	10	174	−141	07	275	−157		390	198	
25	007	−029	17	+06	088	−111	12	132	−147	12	178	−125	13	278	−181	09	392	253	03
26	976	−006	22	−19	065	−061	20	109	−099	15	156	−114	09	256	−202	05	368	302	04
27	964	−023	28	−29	055	−066	22	099	−099	18	146	−131	13	246	−214	08	357	307	03
28	987	−028	16	−10	073	−097	13	116	−139	12	162	−177	10	261	−213	06	373	282	03
29	979	+005	26	−17	067	−061	22	112	−104	18	158	−128	14	254	−196	05	371	265	
30	985	−013	26	−12	072	−067	20	116	−095	16	163	−125	13	263	−206	06	376	267	

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹
01	518	315	04	672	426	01	861	559	110	621								
02																		
03	510	284	04	667	373	02	860	525										
04	524	315		678	431		865	564	125	509	312	513						
05	503	390	02	653	476		841	500	110	449	302	468	570	486	717	480		
06	528	288		684	399	01	873	565	126	582	311	492						
07	508	301	04	663	440		852	510										
08	518	287	04	674	425		861	596										
09	521	231	08	681	359	03	873	522										
10	508	351		660	426		851	515	111	525	297	508	561	507	706	506		
11	517	336	02	670	441		856	572	113	556	296	549	556	516				
12	518	345	01	670	451		856	592	115	492								
13	518	345	02	670	450		857	582	111	556	296	523	563	436	713	424		
14	516	307		671	416		862	502	124	536	309	545						
15	508	311	03	664	404	01												
16	498	346		652	402		842	519	102	519	288	531	551	488				
17																		
18	489	421	01	637	497		822	546										
19	496	403		646	480		831	578	085	583	268	537	532	480				
20	509	378	01	659	497		841	600	094	598	276	564	536	532				
21	504	394	01	653	517		837	573	095	533								
22	524	294		679	400		868	559										
23	518	297		673	415		862	535	126	472	315	470						
24	523	287	03	680	394	01	870	560	126	533	311	509						
25	521	361		674	429		864	500	126	534	311	526	578	478				
26	495	412		645	461		834	509	095	558	278	572						
27	484	427	01	630	540		812	574	067	583	249	555	509	515	654	506		
28	501	375	01	654	432		843	543										
29	500	374		650	476		835	569										
30	505	360		657	450		846	530	105	555	294	465						

Results of Radiosonde Observations, Heard Island, , October, 1954

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg
01	999	+016	37	+000	084	-023	33	129	+013	46	178	+008	51	285	-039	36	406	104	18
02	010	+005	29	+009	092	-023	15	157	-034	11	185	-055		289	-095		407	165	
03	999	+000	31	+000	083	-053	27	128	-084	21	175	-105	19	276	-171	05	391	200	
04	008	-013	21	+007	090	-086	18	134	-119	14	180	-150	11	280	-187	05	395	257	03
05	016	+004	25	+013	096	-095	17	140	-126	15	186	-066	18	290	-106	07	407	169	
06	995	+028	40	-004	082	+006	39	128	-007	38	176	-007	42	282	-049	34	402	129	19
07	990	-005	28	-008	076	-068	21	120	-082	21	168	-067	21	271	-099		368	188	08
08	017	+010	26	+014	097	-080	20	142	-056	18	189	-031		294	-090	07	411	173	
09	013	+015	29	+011	094	-066	22	139	-066	15	186	-059		290	-099		407	179	
10	000	+007	36	+001	085	-019	34	130	-041	30	178	-065	26	281	-134	15	397	190	10
11	993	-001	32	-005	079	-042	30	124	-057	28	171	-083	24	274	-140	16	389	224	08
12	999	-024	16	-000	082	-100	15	126	-132	14	172	-165	11	273	-172	11	387	225	08
13	972	+007	36	-022	062	-027	30	107	-090	28	155	-070	26	258	-114	21	376	156	14
14	994	+005	32	-004	079	-059	22	124	-095	18	170	-119	16	273	-121	16	389	178	12
15	973	+044	44	-023	064	+016	42	110	+008	43	159	-015	41						
16	980	-005	23	-016	068	-070	16	112	-110	14	158	-151	10	258	-233	03	369	271	
17	989	+009	28	-008	076	-055	22	120	-076	21	167	-093	20	268	-205	08	380	294	04
18	980	-015	18	-016	068	-079	16	112	-120	13	158	-155	10	257	-241	06	368	305	03
19	000	-019	22	+001	083	-067	15	127	-121	11	173	-160	04	274	-178		388	230	
20	996	+013	33	-003	081	-036	31	126	-061	28	173	-075	25	276	-132	16	392	213	09
21	978	-001	21	-017	066	-066	18	111	-100	17	157	-132	15	258	-164	09	373	226	05
22	979	+012	35	-017	068	-045	26	113	-059	24	160	-099	20	262	-125	18	379	165	13
23	989	+014	21	-008	075	-078	16	119	-116	13	165	-147	09	265	-222	05	376	300	02
24	993	+011	29	-005	079	-054	24	123	-080	22	170	-110	18	271	-180	10	385	257	05
25	000	+000	23	+001	084	-067	16	128	-101	15	175	-140	13	275	-203	09	387	266	05
26	004	+012	31	+004	087	-053	24	132	-080	19	179	-116	13	282	-087	08	399	169	06
27	991	+055	51	-007	079	+013	42	124	-016	38	172	-029	36	280	-025	32	400	105	18
28	970	+023	36	-024	061	-015	33	106	-036	31	154	-062	27	257	-128	17	373	204	08
29	007	+000	19	+006	089	-095	15	133	-127	14	179	-124	08	281	-124		397	194	
30	000	+025	35	+001	085	-021	33	130	-047	30	178	-064	27	281	-126	17	396	197	10

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹
01	544	188	12	706	305	05	905	440	164	658								
02	542	243	03	702	317	03	900	455										
03	525	280		682	375		876	494	139	513	326	502	593	474	741	473		
04	523	358		676	445		863	556	127	488	315	474	585	444	728	430		
05	541	273		698	390		888	555	140	591	322	537						
06	538	221	08	698	345	03	893	484	153	531								
07	522	263	04	679	363	02	871	529	134	478	324	471						
08	545	291		701	382		892	537	145	565	330	524						
09	541	260	03	698	370	02	890	541	142	592	325	541	586	523	731	482		
10	530	297	04	686	395	02	876	551	128	602	309	554						
11	520	327	03	673	453		859	589	112	572	295	545	561	453	711	409	908	376
12	519	307	02	674	417	01	863	541	123	522	310	501	576	484	724	457	916	431
13	510	264	03	668	377	01	861	498	125	516	313	500	579	472				
14	523	276	05	680	395	02	870	556	120	644	297	593	556	501	704	433	898	405
15																		
16	498	365		651	425		846	433	119	446	311	472	580	453	722	457		
17	508	391	02	659	456		845	550	106	519								
18	495	391	01	644	507		827	569	083	564								
19	519	334		671	458		856	611	103	660	281	592						
20	523	328	03	677	418		866	576	114	674	285	651	541	559				
21	505	308	02	660	408	01	851	520	107	596	288	580	544	563	686	553	871	497
22	513	262	06	672	355	03	866	484	123	595	304	575	562	573	704	573		
23	505	341		659	430		849	517	110	531	297	510						
24	515	340	03	667	455	01	855	540	115	530	301	521						
25	516	349	02	668	443		857	530	117	522	304	499						
26	534	261	04	691	386	01	882	551	137	555	321	519	588	459	737	430		
27	538	200	04	701	310	03	897	481	155	595	337	544						
28	505	304	04	659	424	01	852	436	126	440	317	467	565	467	734	424		
29	530	290		686	404		876	538	131	580								
30	530	297	04	687	389	02	877	545	128	628	308	563	570	485	718	435		

Results of Radiosonde Observations, Macquarie Island, January, 1954

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg
01	005	+059	52	+05	091	+037	45	136	+041	37	187	+017	39	293	−048	32	413	127	20
02																			
03	004	+068	57	+04	089	+023	50	135	+016	48	184	−019	34	289	−068	28	408	133	19
04																			
05	999	+061	46	−00	085	−013	35	130	−042	31	178	−057	28	283	−075	11	402	132	
06																			
07	999	+077	61	−00	086	+023	48	132	+002	41	180	−013	35	285	−084	19	404	134	05
08	005	+053	38	+05	089	−031	29	134	−066	21	182	−075	10	286	−077	27	404	149	17
09	994	+052	53	−04	081	+032	54	128	+011	47	176	−018	40	282	−044	11	401	111	22
10	984	+084	57	−13	073	+010	41	119	−014	35	167	−042	29	271	−103	22	389	174	06
11	994	+045	30	−04	080	−033	26	125	−078	22	172	−107	16	274	−170	04	386	236	05
12	000	+063	39	+01	087	−020	29	131	−051	25	178	−081	22	281	−086		399	153	
13	979	+050	41	−17	069	−003	34	114	−032	31	162	−055	29	266	−094	19	383	164	15
14	013	+060	40	+11	096	−035	25	141	−035	16	189	−058	11	293	−083	17	412	120	15
15	015	+066	52	+13	099	+024	44	145	−001	36	193	−034	12	298	−058		417	128	
16	009	+070	62	+08	095	+071	64	142	+127	30	193	+095	18	302	+017	16	424	068	21
17	991	+070	47	−07	079	+002	37	124	−050	34	172	−043	25	277	−070		395	149	
18	995	+067	46	−04	082	−009	31	127	−041	25	175	−065	23	279	−084		396	162	
19	995	+055	38	−04	082	−013	30	127	−045	24	175	−066	16	278	−107	07	395	170	06
20	977	+058	55	−19	067	+020	45	113	+001	41	162	−029	35	266	−095	23	383	171	09
21	988	+060	39	−09	076	−015	28	121	−040	22	169	−075	17	271	−149	10	386	222	04
22	011	+052	38	+10	094	−025	27	139	−063	23	187	−078	15	290	−120		407	157	05
23	005	+061	45	+05	090	−005	35	136	−015	23	184	−041	09	288	−090	16	407	140	07
24	007	+066	48	+06	092	−010	36	137	−032	21	185	−021	09	290	−058		410	096	
25	015	+051	40	+13	097	−025	31	143	−025	10	191	−010		297	−037	23	416	090	10
26	008	+059	58	+07	094	+095	83	142	+073	76	191	+042	50	299	+012	32	421	050	38
27	996	+068	56	+03	083	+060	51	130	+083	60	180	+062	51	288	+001	49	412	028	47
28	012	+065	47	+10	096	−012	32	141	−042	23	189	−040	08	293	−067		412	125	
29	015	+065	59	+13	099	+045	47	145	+059	28	195	+047	21	302	−017	20	423	084	17
30	015	+076	65	+13	099	+035	55	145	+024	53	194	+000	44	300	−056	24	420	100	16
31	012	+060	52	+10	096	+015	44	142	+050	42	192	+042	30	299	−020	16	420	110	16

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹
01	551	184		713	312		910	482	171	528	357	520	620	510	766	476		
02																		
03	545	202	04	707	313		904	471	163	539	350	496	617	472	765	455		
04																		
05	538	193		700	311		898	466	164	497	354	473	621	479	769	460	962	426
06																		
07	540	238	07	700	331	04	895	462	155	541	344	501	608	505	755	482		
08	539	253	05	698	369		890	524	153	494	342	471	610	471	758	449	952	428
09	539	218	10	699	332	04	896	471	154	558	342	481	608	476	756	467		
10	522	289	04	678	397	01	870	474	142	433	335	446	606	444				
11	520	284	03	677	389		868	496	140	420	334	451						
12	536	220	06	696	327	02												
13	518	251	03	678	315		877	394	151	424	345	453						
14	549	202	11	711	315	05	909	456	171	526	358	520						
15	554	197		716	302	02	916	444	177	578	363	509	627	517	772	492	962	470
16	563	164	09	728	262		929	424	191	615	371	580	628	556	771	529	958	499
17	532	207		694	305		893	420	163	462	354	472	622	476	770	462	961	451
18	532	215	08	694	300	03	892	443	156	500	345	490	614	453	763	448	955	436
19	530	241	03	688	366	03	881	482	147	462	338	477	608	440	757	440	950	437
20	515	252	03	674	357	02	869	455	143	400	339	423	611	428				
21	517	334	02	670	431		864	400	141	396	337	422	608	447	758	438		
22	542	243	05	701	355	01	895	503	155	497	345	460	613	475	761	460	953	446
23	542	244	03	700	379		893	470	158	498	346	497						
24	549	160	06	713	288	04	912	430	176	543	360	542	621	509	766	498	957	443
25	556	187	06															
26	562	137	21	728	240	09	931	404	194	597	374	582	631	566	773	537	959	502
27	554	114	24	723	186	06	932	327	203	510	387	575						
28	549	206		711	312		909	435	178	466	367	522	630	518	774	507	963	470
29	563	167	07	726	282	03	925	454	183	621	365	521	626	521	772	492	961	477
30	558	198	06	720	284	03	920	416	181	646	362	540	625	492	771	484		
31	558	178	14	721	305	06	918	463	177	566								

Results of Radiosonde Observations, Macquarie Island, February, 1954

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg
01	004	+067	57	+04	091	+085	77	136	+076	77	186	+049	68	296	−017	41	418	058	
02	000	+070	51	+01	087	+022	43	133	+017	40	181	−008	27	286	−008	11	410	060	12
03	002	+049	42	+02	087	−018	34	135	−056	24	181	−025		286	−041		407	109	
04	996	+052	53	−03	085	+010	45	129	−015	39	177	−051	31	280	−114	15	396	187	
05	982	+067	48	−14	072	+014	37	117	−018	31	165	−049	14	269	−124	09	385	213	03
06	984	+053	47	−15	073	−014	37	116	−057	33	166	−067	27	269	−133	17	384	223	08
07	998	+065	35	−01	084	−027	28	125	−043	21	177	−065	08	280	−113		396	137	11
08	991	+082	67	−07	080	+054	63	127	+041	61	176	+024	57	283	−017	43	405	066	23
09	988	+060	43	−09	076	−004	32	122	−037	26	170	−052	09	272	−132		389	165	
10	995	+070	55	−04	083	+016	43	129	−005	38	177	−027	51	282	−073	27	401	155	15
11	010	+075	50	+09	094	+026	39	140	+011	23	185	−010	30	295	−064	25	414	125	18
12	004	+084	67	+04	091	+058	64	137	+032	55	186	+007	47	292	−062	30	412	114	07
13	003	+072	49	+03	089	+000	34	134	−043	26	182	−066	15	285	−142	14	401	185	07
14	008	+067	39	+07	092	−024	30	137	−052	24	185	−082	15	287	−162	06	401	235	03
15	000	+057	52	+01	086	+025	49	132	−007	42	181	−031	37	285	−103	23	402	165	14
16	004	+070	51	+04	090	+025	45	136	+020	45	185	+000	41	291	−030	40	412	087	26
17	011	+065	58	+13	096	+034	46	142	+028	33	192	+070	23	300	+018		423	053	
18	989	+072	65	−08	078	+070	70	125	+065	72	175	+074	51	284	+012	54	407	065	18
19	974	+070	50	−17	069	+000	54	115	−033	23	162	−065	16	265	−136	08	381	205	
20	994	+070	61	−04	082	+016	45	128	−011	38	176	−030	28	281	−058		400	127	
21	020	+076	51	+17	102	−015	30	148	+001	24	196	+000	15	303	−035	11	423	113	16
22	021	+074	57	+18	104	+055	60	151	+036	34	200	+065	18	309	+013	21	431	058	12
23	011	+071	58	+10	096	+038	53	143	+066	62	193	+069	44	301	−003	27	422	084	25
24	996	+062	48	−03	085	+032	46	129	+022	50	178	+020	24	285	−034	13	405	107	
25	993	+070	62	−05	081	+032	51	127	+000	43	176	−015	40	281	−075	27	399	151	18
26	993	+058	44	−05	080	−008	32	126	−034	28	173	−072	22	276	−132	09	391	225	03
27	995	+077	52	−04	082	+009	36	128	−036	31	176	−071	25	280	−063	08	399	152	15
28	989	+060	53	−08	077	+007	38	123	−018	35	171	−048	24	274	−122	09	390	215	04

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹
01	558	151	07	723	268	05	925	388	191	583	375	551	635	516	781	484	972	449
02	549	171	06	712	292	04	912	447	178	489	367	469	631	489	777	489	968	455
03	544	213		711	343		905	479	170	467	361	475	630	457				
04	530	277		686	406		875	521	142	467	332	469	601	467	749	443		
05	516	323	02	669	450		861	436	135	408	331	415	606	415	757	394	954	394
06	515	326	02	669	435		859	460	132	431	326	431	597	442	747	437	940	424
07	533	242	03	692	362													
08	544	165	16	706	271	07	909	418	171	600	355	520	616	501				
09	525	196		686	288	03												
10	536	240	08	696	343	04	891	467	158	436	352	436	621	454				
11	550	225	07	710	349		905	480										
12	549	197	08	711	315	03	909	453	171	535	357	506						
13	534	289	04	690	399	02	881	505	151	438	345	438	616	451	766	421	961	415
14	535	290		691	344		885	506	148	477	338	473	606	469	755	444	947	449
15	537	243	05	698	292													
16	552	160	17	716	280	05	916	422	179	584								
17	563	145		729	255		930	432	191	611								
18	547	141	07	714	233		917	403	184	514	370	524						
19	514	269		672	357		872	325	156	357	354	397						
20	537	219		698	301		897	460	166	475	356	501	620	494				
21	561	183	07	723	285	03	922	449	186	486	375	527	636	527				
22	571	168	09	735	292	03	934	444	198	535	383	539						
23	562	162	16	727	260	08	930	390	197	540	382	549	642	534				
24	542	222																
25	536	217	10	696	348	03	891	489	159	451	351	447	621	448	770	448		
26	523	305		679	384		873	434	146	440	337	454						
27	535	207	08	696	325	04	893	480	154	502	344	480	611	486	758	464	950	455
28	522	312	03	679	377	01	871	503	139	444	332	433	602	451	751	445	943	455

Results of Radiosonde Observations, Macquarie Island, March, 1954

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg
01	004	+067	44	+04	089	-009	33	155	-032	15									
02	012	+070	50	+11	096	+005	33	142	-014	28	190	-004	13	297	-030	18	417	101	10
03	015	+076	64	+13	100	+070	56	147	-027	40	195	-020	35	302	-012		424	076	11
04	013	+085	69	+11	099	+093	81	146	+091	60	196	+056	52	304	-015	12	425	080	18
05	002	+080	59	+02	090	+102	78	157	+082	62	187	+056	46	295	+007	14	417	070	
06	990	+080	60	-08	079	+058	57	126	+025	44	174	+000	34	280	-063	28	399	130	18
07	985	+080	51	-12	074	+012	35	120	-020	27	168	-046	13	271	-132	06	387	214	03
08	985	+071	60	-12	074	+002	41	120	-032	33	167	-063	27	270	-132	12	386	213	07
09	993	+052	45	-05	080	+014	35	126	-017	28	174	-040	13	278	-100	20	395	180	12
10	000	+047	38	+01	085	-031	28	130	-064	23	177	-064	14	280	-126		396	213	03
11	986	+090	65	-11	076	+048	54	122	+030	52	171	-003	44	277	-055	31	397	112	20
12	984	+068	62	-13	074	+042	52	120	+018	48	169	-011	40	275	-059	20	393	162	13
13	992	+068	58	-06	080	+040	57	127	+010	47	175	-013	33	281	-063	10	399	158	
14	003	+065	59	+03	089	+051	58	136	+047	57	185	+035	47	292	-045	16	412	140	13
15	997	+066	61	-02	085	+045	56	130	+029	53	179	+002	47	285	-042	39	406	094	28
16	992	+066	62	-06	081	+037	51	127	+008	44	176	-006	42	282	-050	34	401	131	16
17	992	+050	55	-06	080	+048	60	127	+040	55	176	+000	43	282	-055	32	401	120	20
18	994	+055	56	-04	082	+054	55	128	+024	44	177	-004	46	283	-067	26	402	125	16
19	001	+063	56	+01	087	+040	54	134	+026	45	183	+024	37	290	-035	24	411	087	09
20	000	+075	60	+01	087	+046	50	133	+040	35	183	+035	26	290	-032	18	410	097	
21	998	+067	56	-01	085	+036	48	131	+019	43	180	+000	43	287	-044	35	407	111	21
22	005	+060	45	+05	090	+020	42	137	+028	44	186	+020	15	292	-026	11	413	105	
23	990	+077	62	-08	079	+038	54	125	+008	38	174	+025	29	281	-035	11	401	117	10
24	990	+063	53	-08	078	+032	50	124	+007	44	173	-009	37	279	-037	22	399	100	11
25	980	+079	61	-16	070	+035	44	116	-004	37	165	-031	31	269	-111	15	385	188	11
26	981	+074	53	-15	071	+011	37	117	-012	36	165	-040	32	269	-119	17	385	202	07
27	982	+077	62	-14	072	+044	40	119	+019	35	167	+000	38	274	-044	36	394	086	12
28	969	+060	54	-25	061	+026	45	107	-006	38	155	-038	31	259	-109	18	375	192	10
29	007	+030	23	+06	090	-050	20	135	-088	20	182	-090	17	285	-108		401	190	
30	008	+072	60	+07	094	+064	59	141	+025	40	189	-010	32	296	-029	29	417	089	15
31	003	+072	54	+03	089	-004	26	154	+006	09	183	-025		288	-068	09	407	121	06

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹
01																		
02	555	205	09	716	324		914	454										
03	562	200	07	724	305	04	922	470	182	535	366	562						
04	564	175		727	297	03	925	477	184	576	367	537	628	531	771	527		
05	555	183		718	298	03	916	455	178	536	365	526	627	526	771	500		
06	536	230	08	695	354	03	889	486	159	442								
07	521	227		683	295		882	413	156	454	347	466	617	453	766	462	958	453
08	517	334	03	671	410		866	400	143	406	338	442	609	450	759	442		
09	529	270		688	360	02	882	462										
10	529	273		685	394	01	878	490	145	463	336	486	602	493				
11	534	206	10	695	327	03	891	489	152	500	341	487	606	499	752	485	942	477
12	529	218		690	313	03	887	458	155	479	344	479	610	502	755	509	943	487
13	534	226		695	317		894	385	167	470	354	512	615	545	759	522	946	497
14	548	196	05	710	315	03	907	483	177	455	367	499	628	545	771	540		
15	544	188	13	707	294	05	904	474	171	461	362	489	623	541	767	541	951	525
16	538	223	07	697	345	03												
17	538	231	05	697	361	01	893	423	164	467	354	500						
18	538	223	03	699	339		895	457	166	453	356	492	619	524	763	520	949	516
19	549	195		710	331		906	482	167	505	354	530						
20	548	214		708	335		903	498	162	531	350	508	614	515	758	523	944	510
21	543	227	04	704	338		899	498	159	500	347	506	611	506	756	514	944	498
22	551	200		712	327	02	908	462	165	550	351	495	614	516	759	500		
23	538	213	09	700	324	04	896	480	155	542	339	500	605	486	751	497	940	490
24	538	169		701	305		900	445	162	570	345	551	605	536	749	512	936	523
25	518	304	05	672	444		861	479	135	412	327	447	597	455	745	468	935	481
26	516	316	02	670	432		861	472	132	435	325	443	594	476	741	495		
27	532	192	10	695	291		893	460										
28	508	301	05	662	442		856	399	132	420	326	424	598	434	747	465		
29																		
30	555	192	06															
31	544	201		705	317		901	487	162	537	346	556	605	530	749	530	934	525

Results of Radiosonde Observations, Macquarie Island, April, 1954

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg
01																			
02	013	+073	52	+11	097	+051	12	144	+043		193	+026	25	300	−013	44	421	091	24
03	004	+062	52	+04	090	+010	42	135	+004	32	184	+035		292	−020		412	095	
04	992	+051	42	−06	079	−010	32	125	−038	20	172	−077	16	275	−145	11	390	217	03
05	996	+043	34	−03	082	−043	22	127	−082	15	173	−119	13	274	−168	09	390	190	
06	985	+069	52	−12	074	+000	38	119	−040	30	167	−052	24	271	−119	17	388	153	06
07	993	+056	43	−05	080	−013	26	125	−050	18	173	−072	16	275	−152	08	397	206	07
08	982	+055	44	−14	071	−013	32	116	−055	26	164	−082	22	267	−103	22	383	186	12
09	983	+036	43	−13	072	−008	32	117	−042	24	165	−075	23	267	−128	09	383	217	03
10	981	+043	44	−15	070	−005	37	116	−024	37	164	−054	29	267	−136	17	382	229	07
11	000	+042	35	+01	085	−039	26	130	−076	24	177	−110	17	280	−115	11	397	185	08
12	008	+044	32	+07	091	−045	25	136	−076	15	183	−068		286	−085		404	157	
13	010	+067	51	+09	095	+075		142	+062	21	191	+069	44	300	−004	33	421	083	12
14	987	+070	62	−10	076	+025	50	122	−009	42	170	−036	36	275	−061	09	395	130	02
15	984	+054	45	−13	073	+000	37	118	−034	28	166	−066	25	270	−113	17	387	151	15
16	983	+051	33	−13	071	−037	22	116	−085	19	163	−127	15	263	−192	06	377	245	
17	984	+054	42	−13	073	−021	30	118	−048	23	165	−081	17	267	−142	11	382	223	05
18	993	+049	41	−05	080	−018	28	125	−052	22	172	−092	19	275	−126	11	391	185	08
19	000	+060	53	+01	086	−017	35	131	−054	28	178	−075	25	281	−114	11	398	162	
20	995	+068	58	−04	083	+037	53	129	+018	50	178	+000	46	284	−070	28	402	143	15
21																			
22																			
23																			
24																			
25	997	+040	33	−02	082	−045	24	128	−017		176	−026		281	−044		401	115	
26	009	+039	28	+08	092	−049	23	137	+014		186	+000		292	−076	10	410	145	06
27	010	+062	55	+09	094	+013	44	141	+058	23	190	+033	17	297	−040	10	417	116	07
28	014	+049	54	+12	097	+022	50	143	−001	45	192	−029	39	297	−091	27	415	145	16
29	017	+061	57	+15	101	+049	44	147	+012	43	196	−025	36	301	−047	09	420	116	
30	018	+059	51	+15	101	+003	40	147	+045	31	196	+032		303	−036		423	112	07

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹
01																		
02	560	179	13	723	291	05	921	460	183	592	364	572						
03	551	191		713	304		911	462	169	590	351	545	611	515	756	518	941	513
04	521	323	02	674	453		862	483	133	441	325	454	596	455	744	467		
05	524	265	05	681	391	02	872	537	130	523	317	501	582	497	728	480	918	472
06	522	254	03	680	372	02	872	531	133	515	319	525	582	494				
07	524	273	05	681	385	02	872	540	131	513	318	507	583	500	729	488	917	505
08	517	265	05	673	406	02	864	487	133	490	320	495	585	530	727	525	912	515
09	514	327	02	668	379		863	478	131	453	322	475	588	496	734	502	922	502
10	513	320	03	667	406	01	861	427	133	443	324	476	589	533	732	529	918	534
11	531	255	05	689	379	02	880	535	137	534	322	530	585	524	729	524	915	514
12	540	229		699	349		894	499	154	519	340	564	597	582	739	554	923	520
13	560	183	05	723	277	04	923	443	182	591	364	599	616	610	755	585	937	561
14	531	235		692	320		889	466	152	531	339	509	600	534				
15	522	252	08	681	356	03	875	476	138	498	325	505	589	518	733	523		
16	508	320		662	427		853	481	121	471								
17	514	310		668	443		855	554	120	490	309	488	575	495	721	492	910	466
18	525	272	04	683	358	02	876	516	131	541	317	521	581	499	727	482	917	470
19	533	256		690	391		881	537	138	527								
20	538	245	06	696	374	02	888	523	148	517	335	528	596	546				
21																		
22																		
23																		
24																		
25	537	231		696	360	01	889	514	152	501								
26	545	251		702	377		895	526	153	520	339	530	599	533	743	505	930	511
27	553	224	06	714	328	04	909	488	164	645	345	556	605	547	748	534		
28	551	245	03	709	372		902	505	159	594	341	562	599	552	742	537		
29	558	215	04	718	340	03	912	507	168	588	350	555						
30	559	226	07	721	313	05	917	473	173	678	348	602	603	571	745	560	927	581

Results of Radiosonde Observations, Macquarie Island, May, 1954

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg
01	013	+071	57	+111	097	+040	52	144	+046	51	193	+020	45	300	−041	32	420	118	18
02	999	+072	64	+100	086	+055	63	133	+017	50	182	+000	47	287	−072	26	406	139	15
03	005	+046	50	+095	090	+008	40	136	−015	34	184	−012	27	290	−050		409	143	05
04	004	+065	60	+094	090	+020	48	136	−010	40	184	−036	36	288	−116	16	404	180	04
05	012	+026	35	+110	094	−006	19	140	−028	19	187	−055	15	292	−068	13	410	144	12
06	007	+056	54	+096	092	+005	43	138	−019	31	186	−045	18	290	−085	09	408	129	
07	000	+066	58	+101	086	+000	39	132	−024	31	180	−052	14	283	−121	08	400	189	06
08	987	+071	64	+130	076	+042	57	123	+015	49	171	−006	45	277	−051	36	397	116	19
09	996	+052	47	+103	082	−020	32	128	−046	28	175	−079	23	276	−110	22	396	169	14
10																			
11	997	+054	33	−002	083	−035	19	128	−071	13	175	−091	06	278	−111	14	395	174	13
12	002	+022	25	+092	086	−042	25	131	−085	15	178	−119	10	279	−188	08	392	265	02
13	008	+049	35	+096	090	−047	22	135	−075	17	182	−101	06	284	−105		402	158	13
14	996	+057	38	+103	082	−030	25	127	−110	10	176	−094		281	−083		399	160	10
15	998	+060	51	−001	084	−015	30	129	−045	23	177	−073	10	280	−136		396	152	
16	996	+076	65	−103	084	+064	63	131	+036	53	180	+011	45	286	−060	28	405	140	14
17	998	+065	57	−101	085	+000	36	130	−020	29	178	−055	25	282	−114	16	398	170	
18	991	+060	47	−107	078	−013	30	124	−029	31	172	−059	22	276	−082	25	394	156	15
19	982	+048	50	−114	071	+023	43	117	−016	34	165	−036	26	270	−096	17	387	157	
20	997	+035	39	−102	083	−031	29	128	−056	26	175	−062	26	279	−105		395	195	
21	004	+022	34	+104	088	−062	24	133	−053	15	180	−051		286	−024		407	103	
22	998	+040	36	−101	084	−044	25	128	−076	22	176	−099	18	279	−103	12	397	157	08
23	010	+041	30	+109	093	−046	24	136	−050	14	185	−048	25	290	−056	23	410	123	14
24	010	+065	56	+109	095	+049	57	142	+024	51	190	+000	44	296	−079	23	414	149	15
25	017	+059	32	+114	099	−004	10	144	−055	11	192	−072	12	295	−125	06	412	155	13
26	003	+067	55	+103	089	+024	45	135	−006	39	183	−033	33	288	−099	23	406	114	
27	012	+056	51	+110	096	+023	45	142	+017	40	191	+006	33	296	−068	20	415	150	08
28	010	+074	56	+109	095	+035	49	141	+036	51	190	+006	45	297	−050	33	416	122	18
29	013	+049	43	+112	097	+005	33	143	+038		192	+014		296	−057	10	417	139	08
30	008	+058	57	+107	093	+000	39	138	−009	37	187	−029	28	291	−075	08	410	145	05
31	986	+050	49	−111	075	+016	47	120	−021	36	168	−054	29	272	−124	18	388	212	09

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹
01	557	201	12	718	332	04	913	491	168	678	345	586						
02																		
03	544	235		703	368		895	527	149	618	329	558	589	540	732	540	917	527
04	538	266		696	388		886	544	138	604	319	566	577	562	718	562	901	560
05	546	249	05	704	379	02	897	514	148	670	328	575	582	600	721	597	903	566
06	544	238	03	704	349		896	501	151	664	330	566	586	583	726	578	908	571
07	533	259	03	691	370		883	521										
08	534	210	10	695	332	03	890	488	148	562	332	535						
09	531	251		690	365													
10																		
11																		
12	521	336																
13	537	243	08	696	362	03												
14	534	243	03	693	378		885	536	140	577								
15	551	237		690	361		883	517	142	557	325	556	584	548	727	557		
16	541	240	05	700	338		894	503	149	612	330	560	588	543	731	546	915	546
17	533	267		689	408		878	543	136	506	323	552	583	552	726	536	911	537
18	529	269	06	685	395	02												
19	522	276	05	678	382		871	506	131	531	316	529	575	548	717	560		
20	528	270		688	335		883	480	148	536	332	547						
21	544	221		704	343		898	492	155	608	336	563	592	585	732	590	911	614
22	531	262	04	689	388													
23	547	223	08	707	335	02	901	516										
24	550	232	08	710	325		906	484	161	662	338	592						
25	546	260	05	705	351	01	900	490										
26	543	230		702	387													
27	550	255	05	709	348	02	903	497	156	703	328	652	579	605	718	588	898	588
28	552	237	08	711	370	02	905	527	157	627	336	597	588	615				
29	553	243	04	712	370		903	542	155	620	335	571	592	571	732	588		
30	546	240		704	369	02	896	518	150	638	331	572	586	577	727	580	908	588
31	519	318	04	673	441		865	477	130	516	316	528						

Results of Radiosonde Observations, Macquarie Island, June, 1954

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10-1	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg
01	013	+025	30	+11	095	−058	21	139	−092	19	187	−067	10	290	−134	08	406	190	06
02	000	+016	45	+01	085	−011	39	131	−022	38	179	−017	41	285	−058	31	404	117	19
03	021	+028	30	+17	101	−064	23	146	−076	16	195	−063		297	−104	08	414	153	06
04	024	+030	36	+20	104	−050	25	149	−078		197	−030	15	302	−090	12	420	151	07
05	014	+044	46	+12	097	−018	33	142	−027	19	190	−065	07	293	−111		409	191	
06	015	+034	39	+13	097	+011	22	143	−009		191	−045	23	295	−080	14	412	171	07
07	007	+038	45	+06	091	+002	38	137	−026	34	185	−049	30	289	−115	17	405	184	10
08	989	+043	48	−08	077	−008	37	122	−016	36	170	−033	33	275	−082	25	393	160	13
09	983	+036	33	−13	071	−036	23	116	−073	21	165	−102	15	265	−179	09	378	265	05
10	977	+010	26	−19	066	−049	20	110	−087	17	157	−108	07	258	−188		371	289	02
11	978	−001	30	−17	067	−060	21	111	−093	16	158	−127	11	258	−204	04	370	300	02
12	986	−005	25	−11	073	−065	23	117	−107	17	164	−125	11	264	−191	03	377	284	02
13	951	+012	28	−40	045	−036	18	089	−082	15	136	−113	10	237	−190	09	350	282	04
14	978	+026	36	−17	067	−035	27	112	−068	23	159	−092	19	261	−163	10	375	251	04
15	982	+013	37	−14	070	−056	24	115	−078	20	162	−100	15	263	−181	08	376	240	02
16	987	−012	29	−10	073	−072	21	118	−104	17	164	−137	14	264	−192	07	377	273	04
17	000	−015	18	+01	083	−092	13	127	−136	11	173	−155	10	273	−223		385	261	
18	998	+041	43	−01	084	−025	35	129	−060	27	176	−089	23	279	−112		395	178	
19	989	+055	53	−08	077	+005	42	123	−016	38	171	−048	32	275	−106	20	392	185	
20	004	+008	33	+04	088	−054	20	132	−092	17	179	−122	14	280	−167	05	395	178	
21	988	+046	49	−09	077	+060	48	124	+051	41	172	+000	24	278	−058		397	144	
22	995	+056	56	−04	082	+016	43	128	+012	45	177	−011	38	282	−056	31	402	126	18
23	987	+042	51	−16	075	−007	36	120	−020	35	169	−044	29	273	−100	17	390	163	10
24	004	+000	31	+04	087	−066	21	132	−096	19	178	−134	15	279	−175	06	394	213	03
25	004	+015	35	+04	088	−042	27	133	−077	19	179	−114	15	280	−194	09	393	248	02
26	011	+040	48	+10	094	−019	35	140	−009	25	188	−031	08	293	−087	07	410	179	04
27	013	+032	29	+11	095	−056	20	140	−049		187	−065		290	−150		405	246	
28	000	+034	51	+01	086	+032	49	133	+005	42	181	−018	37	286	−075	26	405	142	15
29	996	+046	42	−03	082	−007	16	128	−015	16	176	−032	20	281	−092	16	398	182	10
30	998	+067	52	−01	085	+010	41	131	−010	38	179	−050	29	283	−085	10	401	151	

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹
01	539	264	03	696	387		887	542	143	562								
02	541	216	09	701	338	03	895	516	149	592								
03	549	247		707	370		899	540	153	603	336	544	596	526				
04	555	254	03	713	370		904	535	157	614	337	562	596	549	738	567	919	607
05	542	301		697	418		887	528	143	564	327	559	585	554	726	575		
06	548	246		706	380	01	897	530	154	581	336	572	594	559	736	565		
07	538	298	04	693	411		883	528	144	512	331	525	592	542				
08	528	257	06	687	360	02	879	525	135	605	320	515	582	538				
09	508	344	01	661	443		850	534	113	495	302	492	568	491	714	488	902	518
10	498	399	01	647	481		834	526	098	502	286	498	550	505	696	505		
11	497	413		644	504		831	513	095	490	284	502						
12	504	390		655	467		842	551	101	537	285	539	545	535	686	537		
13	477	394	02	628	428		822	442	091	485	279	501	542	540	684	555	867	575
14	505	354	02	655	500		840	566	101	509	289	499	553	516	696	545	880	559
15	508	296		664	409		852	581	111	513	298	508						
16	505	359	02	658	461		844	563	107	480	296	488						
17	515	352	01	666	482		851	574										
18	529	292		684	407		874	560	122	547	301	600	558	562	699	563		
19	525	283	04	681	422		869	567	122	598	303	558	559	590				
20	530	250		688	375		880	539	132	625	312	583	567	583	707	603		
21	532	245	03	690	380		881	536	139	550	321	569	578	566	718	601		
22	534	205	10	700	329	03	896	485	149	709	325	592	578	609	717	602		
23	525	240	06	684	358	02	877	501	132	612	312	594	566	603				
24	525	314																
25	524	336		676	448		866	527	128	516	314	534	574	549	716	570		
26	544	280	04	700	407		890	527	140	687	316	622	566	609	703	627	881	622
27	535	318	03	688	462		873	523										
28	540	250	06	699	380	02	890	546	139	685	315	619						
29	531	278	04	687	411		876	563	130	564	312	554	569	580	710	570		
30	535	278		692	401	01	881	555	130	639	310	568						

Results of Radiosonde Observations, Macquarie Island, July, 1954

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C ×10-1	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg
01	996	+024	37	−03	081	-044	23	126	−078	16	173	−110	10	274	−190	08	386	286	04
02	997	+016	27	−02	082	-066	19	126	−079	06	173	−119	05	275	−134		390	231	
03	989	+036	42	−08	076	-032	30	121	−054	26	169	−082	20	271	−148	11	386	233	04
04	998	+030	38	−01	083	-041	27	128	−070	23	175	−103	14	277	−170	12	392	210	07
05	004	+037	45	+04	089	-004	38	154	−009	39	183	−033	34	287	−110	21	405	193	10
06	997	+022	39	−06	082	-041	25	127	−069	21	174	−093	13	276	−155	04	390	236	
07	988	+020	35	−09	075	-041	20	120	−079	16	167	−111	16	268	−165	09	383	215	03
08	994	−013	21	−04	079	-093	15	123	−110	05	169	−148		268	−238	03	379	328	02
09	996	+050	56	−03	082	-012	36	128	−036	31	176	−058	26	279	−103	20	396	194	10
10	004	+046	48	+04	089	+020	44	136	+030	19	184	−004	11	290	−086	13	407	168	09
11	004	+000	22	+04	087	-089	14	131	−122	12	177	−110		279	−132		395	193	
12	018	−006	24	+15	098	-085	14	142	−126	13	188	−150	10	289	−158		404	198	07
13	995	+058	52	−04	082	+005	42	128	+006	40	177	−024	32	282	−063	12	401	146	05
14	992	+008	40	−06	078	-016	38	124	−024	38	172	−036	36	276	−098	21	394	177	11
15	006	−016	15	+05	088	-100	12	132	−144	11	177	−176	09	277	−161		392	194	08
16	008	−016	20	+07	089	-105	14	133	−138	13	179	−138	12	281	−153	06	397	198	
17	014	+010	29	+12	095	-079	20	139	−078	15	186	−086	06	289	−109		406	188	
18	023	+021	42	+19	104	-020	24	149	−053	17	196	−066		299	−120		416	195	
19	018	+031	45	+15	100	-005	39	145	−031	32	193	−066	26	296	−112	11	412	202	03
20	018	−009	22	+15	097	-068	15	142	−070		189	−099		291	−145	05	406	212	06
21	001	+011	27	+01	085	-070	18	129	−114	11	176	−114		278	−128		394	193	
22	004	−015	18	+04	086	-096	15	130	−102	12	177	−077		280	−130		396	204	
23	003	−012	22	+03	086	-096	17	130	−084	06	177	−044		281	−119	06	397	193	
24	993	−020	26	−05	078	-089	17	122	−068	17	169	−075	09	272	−138		387	215	
25	999	−049	14	−00	082	-125	11	125	−160	10	170	−177	09	270	−192	05	383	264	03
26	997	−061	14	−02	080	-131	08	123	−174	08	168	−211	06	265	−282	02	376	278	
27	014	−003	22	+12	095	-089	16	139	−120	15	185	−108	16	287	−195	09	402	192	
28	014	+023	36	+12	096	+002	22	142	−012	14	190	−057	13	293	−108	19	410	169	13
29	009	+036	45	+08	093	-015	35	139	+003	27	187	−013		292	−070		410	155	13
30	007	+022	37	+06	092	+025	12	136	+000		185	−015		291	−081		409	170	09
31	001	+051	47	+01	087	+057	49	134	+034	35	183	+023	30	289	−060	11	406	149	12

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C.×10⁻¹
01	514	410	01	664	454		852	536	113	517	294	520	560	536				
02	522	317	03	675	445		862	597	119	526	304	520	566	536	708	567		
03	516	347	02	668	465		855	542	113	541	297	533						
04	524	301	04	679	415		867	573	122	556								
05	536	290	03	692	410		880	574	129	636	309	561	567	550				
06	526	334		679	434		866	566	125	560								
07	515	313	01	669	435		857	534	115	556	298	548						
08	505	435		652	490		838	555	096	558	280	548	538	572	677	604	656	616
09	528	300	04	683	442		868	613	116	638								
10	543	234	07	701	377	02	892	548	137	782								
11	528	280		684	418		872	578	120	640	298	622	547	655	682	660		
12	537	277		693	402		885	520	136	718								
13	536	250	06	694	378	02	884	556	133	666	307	645	554	658	690	666	862	696
14	527	282	05	685	415		872	550	124	590	303	614	555	626				
15	525	292	02	680	417		868	582	120	575	302	570	556	610				
16	529	315		683	435		869	581	122	600	302	590	556	604	695	622	871	648
17	538	311		692	438		879	585										
18	548	305		702	445		888	605	134	620	313	594	566	611	705	610	883	611
19	545	294	02	700	428		886	601	134	613	315	597	568	599	707	606	886	606
20	538	301	03	693	423		880	585	125	664	303	599						
21	527	294		682	420		871	575	118	685	292	653	540	660	674	698	845	678
22	529	297		684	425		871	582	115	727	288	667	533	659	668	660	842	667
23	530	298		685	425		873	571	117	703	284	657	536	657	671	660	845	653
24	519	327	03	672	448		859	583	107	632	286	610	537	612	676	623		
25	512	360	02	664	472		849	590	100	612								
26	506	307		661	407													
27	534	303		689	432		876	595	118	690	293	640	540	650	675	657		
28	544	268	00	701	405	02	890	578	135	668	310	628	560	623	698	632		
29	546	234	08	706	348	03	899	516	149	721	323	638	572	628	709	628	885	657
30	543	260	04	700	388	01	890	552	137	652	314	620	565	641	703	627		
31	543	252	08	702	371	02	894	530	144	631	322	593	575	613	713	622		

Results of Radiosonde Observations, Macquarie Island, August, 1954

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10-1	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg
01	996	+023	34	−003	081	−041	23	126	−068	20	173	−104	15	275	−135		391	195	
02	988	+030	42	+009	076	−025	29	121	−066	23	168	−088	18	270	−154	08	385	210	
03	010	+016	23	+009	092	−070	18	136	−115	15	183	−103	15	285	−139	09	402	176	11
04	014	+040	38	+012	097	+037	12	143	+016		192	−028		297	−096		413	200	
05	017	+049	48	+014	099	+007	29	145	−003	28	194	−040	26	297	−110	08	414	180	08
06	025	+040	48	+021	106	+000	39	151	−024	30	195	−046	16	304	−083		421	178	
07	019	+044	46	+016	101	+000	39	147	−032	32	194	−061	28	298	−130	15	413	201	08
08	018	+050	47	+015	100	−006	37	146	−024	29	193	−066	23	296	−124	16	415	199	11
09	998	+040	49	−001	084	−005	38	130	−010	39	178	−021	33	283	−076		401	175	
10	994	+007	25	−004	079	−064	18	124	−098	17	171	−049	09	275	−104	21	392	187	12
11	986	−030	21	−011	072	−098	13	116	−130	07	162	−174	05	261	−234	04	371	323	01
12	998	−047	19	−001	081	−116	13	124	−148	11	170	−187	08	269	−200		382	254	
13	006	−011	22	+005	088	−092	16	132	−132	14	178	−157	12	278	−186	07	392	239	
14	006	+046	53	+006	091	+000	42	136	−132	34	184	−061	27	287	−141	15	402	203	04
15	997	+048	49	−002	083	+005	39	129	−125	31	177	−055	11	281	−119	13	397	166	11
16	985	+050	51	−012	074	+031	51	121	+008	44	169	−017	34	274	−085	25	392	161	13
17	986	+036	44	−011	074	−030	30	119	−065	24	166	−092	20	268	−163	11	382	254	03
18	976	+042	48	−019	066	+017	41	112	−012	54	160	−039	29	264	−110	18	381	198	05
19	992	+014	27	−006	078	−059	18	122	−100	15	169	−144	11	269	−173		383	256	
20	997	+040	46	−002	083	−004	38	129	−030	33	177	−060	28	280	−120	18	397	175	09
21	012	+045	47	+010	095	−011	35	141	−002	34	189	−038	18	293	−110	16	410	187	09
22	005	+037	48	+009	090	−015	37	135	+039	31	183	−067	25	286	−105	20	404	151	15
23	978	+035	46	−018	069	+050	56	115	+026	47	164	+000	42	269	−069	26	388	148	16
24	982	+042	50	−014	072	+020	42	118	+006	18	166	−025	11	270	−100	08	387	174	06
25	970	+039	50	−024	061	+000	37	107	−026	31	155	−045	20	258	−113	06	375	198	
26	966	+038	44	−028	058	−015	29	103	−056	25	150	−083	21	252	−145	10	367	237	
27	982	+013	33	−014	070	−045	25	115	−066	18	162	−090	10	264	−178	05	378	232	06
28	989	+047	42	−008	077	−025	27	122	−066	22	169	−074	11	271	−150		387	198	03
29	977	+043	42	−018	067	+000	31	112	−035	22	160	−065	17	263	−136	09	378	232	04
30	002	−029	17	+002	084	−110	14	128	−142	12	174	−135	06	274	−211		386	276	
31	012	+033	38	+010	095	−008	08	140	−034	08	188	−074	07	291	−145		406	209	

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹
01	524	294	03	681	374		875	516	133	538	319	513	580	545	723	561	905	587
02	517	313		671	458		859	517	121	511	309	514	572	530				
03	536	268	04	692	405	09	882	549	134	574	317	557						
04	545	308	02	701	395	02	890	561	140	588	322	544	581	555	723	568	905	578
05	548	286	04	703	422		891	555	142	631	323	560	581	570				
06	555	286		710	418		898	567	145	675	321	613						
07	546	304	03	700	438		887	590	132	651	309	625	559	623	697	616		
08	545	295	05	700	420		887	595	132	695	306	640	554	640	691	636		
09	535	267	06	692	387	02	882	556	129	680	304	620	554	630	692	634	867	660
10	525	289	04	680	432		867	586	115	655	293	610	544	618				
11	498	400		649	450		838	514	099	552	282	557						
12	513	340		666	432		854	577	103	640	280	627	532	595				
13	522	340		675	453		861	584	110	670	282	670	527	667				
14	535	290	05	691	414		879	558	128	653	305	625	554	634				
15	531	267	03	688	403	09	876	578	122	661	298	639	548	630	686	621		
16	526	268	05	683	404	01	871	588	117	636	295	623						
17	511	365	01	664	443		852	525	114	630	298	557	554	587	694	595		
18	513	292		668	425		857	545	113	567	295	556						
19	512	367		663	491		847	590										
20	531	284		687	400		876	561	126	610	305	587	561	561				
21	542	302	04	698	407	01	888	558	137	670	313	615	565	593	706	566	886	557
22	539	234	08	698	355	03	891	532	140	703	315	637	564	630	702	618		
23	524	248	06	682	382	01	872	535	129	645	311	581	565	607	704	609		
24	521	287	04	676	417	01	864	584	116	595	296	589						
25	507	305		661	443		848	541	105	574	286	583	539	608				
26	497	350		649	486		834	532	091	572	274	534	534	559	676	557		
27	509	323	04	662	446	01	850	543	113	502	301	526	562	522				
28	520	296	03	675	422		862	530	116	570	299	553	558	504	702	530	687	540
29	509	337	02	662	430		851	530	110	555								
30	515	364		666	475		852	544	113	517	301	497	566	489	713	479		
31	538	316	02	692	439		876	502	129	567	311	548	571	543	715	523		

Results of Radiosonde Observations, Macquarie Island, September 1954

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg
01	014	+042	49	+12	097	+005	43	143	−013	41	191	−027	38	296	−090	24	414	168	14
02	010	+048	51	+09	095	+023	46	141	+005	40	190	−011	40	295	−073	26	414	145	15
03	009	+046	51	+08	094	+010	37	140	−022	29	187	−055	25	295	−052	08	413	127	
04	979	+040	50	−17	069	+027	45	115	+000	39	163	−023	24	266	−104	16	385	178	04
05	992	+015	31	−06	078	−062	20	123	−106	17	169	−130	05	269	−225	03	380	300	02
06	999	−001	17	−00	083	−076	13	127	−123	12	173	−163	11	275	−184		387	233	
07	998	−033	17	−01	081	−113	12	125	−150	11	170	−190	04	268	−243	04	383	190	
08	993	+035	42	−05	079	−030	32	124	−052	28	172	−040	15	276	−103	04	393	168	
09	990	−039	28	−07	075	−095	17	119	−132	13	165	−166	10	263	−247	05	374	291	03
10	004	+022	32	+04	088	−053	24	132	−088	20	180	−059	14	283	−119	15	399	203	09
11	997	+052	50	−02	084	+022	48	130	−007	42	178	−007	42	284	−082	20	402	142	05
12	992	+055	56	−06	080	+029	52	126	+000	45	175	−023	39	279	−095	23	397	167	−13
13	988	+022	42	−09	075	−035	29	120	−065	32	167	−101	08	269	−144	13	385	203	−10
14	002	+053	34	+02	087	−016	31	132	−034	26	180	−077	17	283	−101	07	400	172	06
15	004	+039	30	+04	088	−054	20	132	−094	13	179	−122	07	279	−191	04	394	206	
16	004	+050	42	+04	089	−012	38	134	−024	37	182	−048	32	287	−095	23	404	160	15
17	012	+019	24	+10	094	−070	19	136	−106	16	185	−061	16	288	−115		404	206	
18	023	+017	30	+19	102	−066	23	147	−095	20	194	−070	23	298	−107		414	195	
19	988	+056	53	−09	077	+041	57	123	+000	46	172	−022	35	277	−060	26	396	134	15
20	992	+028	41	−06	078	−044	28	123	−076	24	170	−114	17	271	−183	08	384	269	04
21	991	+040	36	−07	078	−036	24	123	−076	21	170	−106	18	273	−097	10	391	160	06
22	984	+042	46	−08	077	+000	40	122	−033	33	170	−051	32	275	−094	21	392	165	11
23	970	+052	57	−24	062	+024	51	108	−006	43	156	−026	40	261	−084	27	379	144	17
24	002	+021	32	+02	086	−065	20	130	−099	18	177	−134	15	277	−195	04	390	219	
25	000	+021	29	+01	085	−043	20	130	−066	14	177	−107	13	278	−168	11	393	221	06
26	995	+046	51	−04	082	+012	47	128	−011	40	176	−042	32	280	−092	21	398	160	11
27	995	+015	34	−03	080	−049	25	125	−079	22	172	−114	17	273	−165	11	387	242	05
28	983	+049	51	−13	072	+019	47	116	−008	41	166	−037	35	271	−107	21	387	183	09
29	002	+055	54	+02	088	+066	61	135	+004	49	184	+040	34	292	−032	20	412	121	15
30	997	+054	45	−02	083	−027	28	129	−016		176	−053		280	−124	08	397	140	

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹
01	548	276	06	704	398	02	894	552	142	707	316	640						
02	549	241	07	708	365	03	900	540	151	637	328	609	580	586	721	567		
03	549	224		709	346		902	512	154	688	328	610	582	566	742	563	903	583
04	519	271	04	676	392	02	866	550	120	578	302	588	558	568	699	572		
05	509	336		602	435		851	548	107	592	287	598	540	595				
06	518	329		671	456		859	546	118	533	303	530	562	563	704	545	888	542
07	515	300																
08	527	271	03	684	393	02	875	533	126	524	307	565	565	565	706	576		
09	502	377	01	655	440		841	590										
10	551	292	04	687	409	01	876	546	126	719	297	674	544	638	682	607		
11	537	255		695	367	01	887	534	136	704	309	645	558	646	695	643		
12	531	262	06	689	379	02	879	534	134	593	313	600	569	616				
13	517	305	05	673	394	02	865	510	120	594	300	587	552	612	691	601		
14	554	275	03	690	382	02	882	530	134	645	312	600	565	595	704	610	894	570
15	527	296		682	394	01	872	547	124	602	304	568	558	580	699	563		
16	539	251	07	697	383	02	888	542	137	650	315	605	570	560				
17	537	284		693	404		865	520	143	555	327	535	589	506	754	607	524	462
18	546	300		702	409		892	524	151	561	332	581	589	551				
19	532	253	07	691	355	02	884	522	140	553	324	539	587	510	734	494		
20	513	347	02	666	446		855	507	119	498	308	481	575	471				
21	526	248	05	684	369	02	876	537	129	583	312	548	575	490	721	476	913	439
22	527	246	04	686	350	02	879	522	132	614	314	545	576	505	722	475	915	411
23	514	252	07	672	376	02	864	527	123	528	308	550	567	554				
24	522	309		676	436		863	557	117	573								
25	524	321	02	677	461		867	491	131	499	320	503	582	547	727	518	914	521
26	533	249	07	692	370	03	884	524	137	568	321	532						
27	518	351	02	671	429		860	527	122	494	310	480	580	467	728	457		
28	521	271		676	407		866	496	133	486	321	511	564	490				
29	550	195	04	712	329	02	909	472	166	600	341	553	593	567				
30	534	211		695	350		889	488	149	582	332	554	590	554				

Results of Radiosonde Observations, Macquarie Island, October, 1954

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg
01	003	+032	36	+03	087	-041	23	132	-079	18	179	-111	13	280	-182	04	393	262	
02	004	+036	39	+04	088	-040	22	133	-060	11	180	-055		284	-131	05	399	216	03
03	996	+025	35	-03	081	-046	22	126	-082	17	173	-125	14	275	-131		392	179	06
04	985	+040	33	-12	073	-028	24	118	-066	17	165	-097		267	-165		382	201	
05	988	+045	48	-09	076	+020	46	122	+014	49	171	-007	41	277	-062	28	397	099	20
06	990	+045	34	-08	077	-035	21	122	-073	16	169	-109	07	270	-191	03	383	270	
07	986	+043	51	-11	075	+030	51	121	+000	44	170	-018	39	275	-070	25	394	141	15
08	977	+042	44	-10	067	+006	36	113	-031	30	160	-058	27	264	-129	16	379	220	08
09	981	+015	27	-15	069	-044	18	114	-083	12	161	-126	10	261	-196	03	374	294	02
10	973	+032	44	-22	064	+018	45	110	-007	38	158	-039	33	262	-095	17	379	184	09
11	962	+035	40	-31	054	-017	28	100	-051	18	147	-086	10	249	-160		363	248	02
12	970	+007	26	-24	060	-057	18	105	-088	15	151	-133	13	251	-209	04	363	308	02
13	992	+020	28	-06	078	-057	22	123	-084	21	169	-119	17	270	-184	05	384	242	03
14	007	+028	30	+06	090	-032	27	135	-039	28	183	-079	20	285	-126	16	401	198	07
15	003	+048	49	+03	089	+012	46	135	+000	45	183	-020	40	286	-100	20	405	148	16
16	012	+028	30	+10	094	-064	21	139	-028	08	187	-018		292	-075		410	120	
17	002	+056	54	+02	088	+005	42	134	+047	48	183	+014	36	290	-053	27	409	146	13
18	987	+066	56	-10	076	+023	42	122	+000	38	170	-006	40	276	-052	29	396	125	17
19	980	+050	50	-16	070	+010	40	116	+010	33	165	-010	28	270	-065	28	389	130	20
20	976	+046	48	-19	066	+000	39	112	-018	38	160	-055	30	263	-126	11	379	198	10
21	982	+050	48	-14	071	+000	35	117	-036	30	164	-069	26	267	-124		383	199	
22	989	+048	44	-08	077	-009	36	122	-048	29	170	-077	21	272	-130	16	386	200	10
23	009	+023	20	+08	092	-067	17	136	-103	15	183	-119	05	283	-184		397	237	
24	990	+045	48	-08	078	-010	36	123	-037	30	171	-061	27	274	-124	17	390	201	09
25	000	+033	30	+01	085	-045	22	130	-078	17	176	-106	17	278	-113	09	395	164	05
26	000	+031	29	+01	085	-050	21	129	-096	18	176	-120	16	277	-158	04	392	211	
27	022	+035	28	+18	102	-067	20	147	-054	09	194	-056		296	-095	07	415	186	
28	019	+053	42	+16	101	-030	28	146	+016	10	195	-007		300	-079		416	157	05
29	998	+052	50	-01	084	-002	38	130	-021	35	178	-054	29	281	-120	12	398	170	06
30	001	+056	51	+01	087	+017	43	133	+000	40	182	+001	17	288	-062	09	407	127	07
31	996	+053	53	-03	083	+020	46	130	+061	21	179	+056	23	287	-014	15	406	103	20

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹
01	524	321		677	430		869	472	134	501	321	522	584	516	729	496	914	470
02	531	287		687	405	01	876	569	122	675	298	627	553	547	698	502		
03	526	257		684	360	01	877	528	127	652	304	618	556	563	698	548	885	490
04	515	285		671	393	02	863	519	120	579	304	543	562	535	707	475		
05	536	175	12	700	261	05	901	431	162	592	344	537	609	466	758	430	953	407
06	514	261		673	349	02	868	491	133	482	321	504	584	522	730	493		
07	529	237	05	688	369	02	880	515	136	564	319	541						
08	510	355	03	662	470		846	558	106	520	294	483						
09	501	395		651	456		840	536	101	509	290	462	562	426	713	402		
10	512	290	03	668	416		856	574	109	586	294	497	563	445	713	418		
11	492	365		643	481		830	531	094	497	283	480	554	411	707	384		
12	490	410	01	638	509		824	535	085	511	273	472	544	412	697	380		
13	514	348		667	444		854	565	107	575	289	564	554	445				
14	534	297		690	390		880	550	133	608	314	535	578	436	727	415	923	395
15	541	253	09	700	361	03	892	534	149	550	334	518	598	486	745	460	937	424
16	547	223	03	707	344	03	901	505	158	553	343	537	607	466	755	450	949	424
17	545	202		707	328		903	499	158	628	338	547	603	452				
18	532	221	08	693	339	03	887	505	149	526	337	498						
19	526	208	10	688	296	04	887	429	157	443	349	456	620	429				
20	512	313	04	666	417	01	861	406	139	387	334	417	606	423	759	418		
21	516	280		673	383		867	461										
22	521	289	05	677	402	02	868	503	128	498	319	419	596	383				
23	529	286		687	371		878	537	133	550	320	487	588	436	738	400		
24	522	307	04	677	433		866	526	130	480	321	463						
25	529	270	03	687	373	01	880	98	145	468	335	464	606	445	756	411		
26	524	302		679	404		871	490	139	460	330	453	602	445				
27	548	301		704	398		893	560	148	529	335	485	603	461	753	424		
28	552	260		710	369		903	500	166	500	353	504	619	469	767	440		
29	532	277	02	688	415		877	522	139	516	327	472	597	415	748	395		
30	544	197	04	706	300		904	455	163	540	351	479	619	446	769	409		
31	546	182	12	709	286	03	908	447	174	450	365	478						

Results of Radiosonde Observations, Macquarie Island, November, 1954

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg
01	993	+030	38	-005	079	-045	21	124	-082	17	171	-124	14	271	-196	08	384	235	
02	005	+039	37	+005	089	-044	20	134	-086	16	180	-118	14	281	-180	10	395	245	
03	025	+045	34	+021	104	-061	22	150	+007	10	198	-005		304	-068		422	153	
04	023	+039	37	+019	103	-053	24	148	-014	11	196	-039		301	-083		419	166	04
05	008	+044	46	+007	092	-022	34	137	-020	34	185	-050	27	290	-080	19	408	138	07
06	006	+044	45	+006	090	-019	34	136	-043	27	184	-038	25	288	-083		406	160	05
07	002	+046	41	+002	087	+013	25	133	+005	27	182	-017	21	287	-090	07	404	179	05
08	004	+052	36	+004	089	-030	25	134	-046	10	181	-081	06	284	-125		401	179	08
09	017	+050	43	+014	100	+024	49	146	-015	37	194	-052	31	298	-091	17	416	166	05
10	019	+036	39	+016	101	+012	35	147	+019	18	196	+000	17	302	-059		421	124	
11	004	+051	47	+004	089	+021	38	136	+027	11	184	+006		290	-064		408	142	08
12	006	+065	48	+006	091	+042	55	138	+032	45	187	+016	31	293	-038	13	414	104	07
13	995	+068	49	+004	083	+025	43	129	+000	33	177	-033	28	282	-091	20	399	173	10
14	000	+067	53	+001	086	+019	42	133	+017	21	181	-006		286	-089		403	175	
15	000	+067	48	+001	086	+023	38	132	+005	29	181	-022	09	286	-073	10	404	156	
16	007	+019	29	+006	090	-070	22	134	-050	08	182	-052		287	-052		406	127	
17	016	+026	28	+013	097	-045	22	143	+020		191	+005	10	297	-050	12	417	118	
18	014	+069	46	+012	097	-015	34	143	+050		193	+034		300	-015		420	098	
19	014	+051	55	+012	098	+018	48	144	+021	16	193	-019	10	297	-091	10	415	131	
20	006	+061	53	+006	092	+035	19	138	+031	15	187	+009	36	293	-060	31	412	131	19
21	010	+045	43	+009	093	-036	28	139	-004	21	187	-019	09	292	-053		412	122	
22	004	+044	52	+004	090	+067	67	137	+036	53	186	+004	45	292	-044	35	413	089	26
23	005	+055	56	+005	091	+032	52	137	+038	53	186	+016	29	293	-041		413	123	
24	999	+043	42	-000	085	-008	32	130	-015	26	178	-038	30	283	-092	24	400	164	15
25	999	+033	30	-000	084	-052	25	129	-007	10	177	-024		282	-079		400	125	14
26	977	+037	46	-018	066	-029	30	111	-052	27	159	-082	24	262	-102	24	380	166	15
27	981	+068	63	-015	071	+039	54	118	+015	49	167	+000	44	272	-080	14	391	123	
28	987	+042	35	-010	075	-030	27	120	-014	24	168	-040	13	272	-110		389	191	
29	991	+058	42	-007	079	+000	25	124	-037	22	172	-063	15	275	-128		391	197	
30	984	+054	51	-013	073	+000	36	118	-038	29	166	-050	26	270	-129	08	385	215	03

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹
01	516	307		673	368		870	378	149	406	345	395	619	410	771	417		
02	526	331		679	430		870	482	137	452	332	392	609	392				
03	557	255		716	357		909	495	169	522	356	500	622	465	771	440		
04	553	257	03	711	379	01	903	509	165	522	351	516	615	496	762	474	954	425
05	544	235	07	703	352	03	896	515	162	481	351	480	619	455				
06	542	224		701	361	01	893	532	154	481	345	455	613	465	763	448	955	424
07	538	273	04	696	382	02	887	530	146	523	333	492	601	437	750	439		
08	534	296	04	690	373		884	489	151	445	342	455	615	415				
09	550	248		709	375		900	522	163	475	352	479						
10	558	219		718	337		913	490	174	554	358	538	621	478	769	471	961	433
11	544	210	10	705	321	05	902	494	163	521	349	498	615	462				
12	551	207	04	713	300	04	912	443	169	629	350	560	611	520	758	445	951	407
13	533	270	04	691	383		862	505	150	455	340	483	611	436	761	434		
14	537	273		693	406		885	486	152	476	344	454	615	427	766	412		
15	539	255		697	365	02	890	498	154	490	344	469	615	440	765	434		
16	542	234		700	380		892	520	155	481	345	463	616	437				
17	554	228	03	713	355	01	907	509	166	516	354	503						
18	557	222		717	355		911	495	170	550	356	507	622	461	771	443	964	412
19	551	259	03	709	370		901	520	161	518	348	506	613	477				
20	548	217	08	708	355	02												
21	549	217	04	710	308	04	909	452	170	537	356	514	621	477	769	447	963	413
22	552	164	15	716	280	06	915	446	175	623	358	527	622	490				
23	549	224		708	367		901	495	166	480	356	477	624	471	772	445		
24	535	263	07	693	363	03	886	482	159	391	354	438	625	439				
25	537	214	10	698	328	04	893	494	157	463	348	449	617	473	765	446	959	415
26	514	274	06	671	379	02	865	435	140	407	335	400	611	412	763	396		
27	527	228		686	360	01	880	473	150	423	343	460	613	460	762	431	958	392
28	522	274		679	353		877	437	147	445	340	430	609	477	757	455		
29	523	312		678	427		869	445	142	421	337	425	611	421	762	410		
30	517	306		674	377		869	434	144	406	339	417	614	407	766	414		

Results of Radiosonde Observations, Macquarie Island, December, 1954

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg
01	001	+049	35	+01	086	-032	26	131	-020	15	179	-057		282	-135	06	398	216	03
02	009	+050	47	+08	094	+011	41	139	-006	38	188	-028	32	292	-106	09	410	133	
03	005	+048	51	+05	091	+059	65	138	+048	63	187	+045	57	295	+000	15	417	080	
04	004	+066	46	+04	089	-015	34	135	-006	29	183	-030	11	287	-078		406	135	
05	006	+066	44	+06	091	+010	31	137	-014	09	185	-035		289	-083		407	163	07
06	000	+072	53	+01	087	+030	45	133	+005	36	182	-019	29	286	-086	20	404	160	11
07	995	+065	54	-04	082	+014	35	128	-006	17	176	-040	14	280	-101	06	397	197	10
08	001	+060	52	+01	088	+023	45	133	-012	38	182	-039	34	286	-107	17	403	189	07
09	011	+036	39	+09	094	-005	35	140	-020	34	188	-040	23	292	-099	11	409	144	
10	016	+056	48	+14	099	-001	40	144	-011	23	193	-021	13	299	-044	22	419	105	22
11	019	+060	50	+16	103	+094	43	150	+092		200	+065	27	308	+008	21	430	076	12
12	017	+080	59	+15	101	+104		149	+100	43	199	+088		308	+038		431	055	
13	009	+073	57	+08	095	+145	46	143	+142	19	194	+107	18	304	+040		427	037	
14	016	+095	57	+14	101	+063	30	148	+051	24	197	+037	16	304	-023	24	426	075	15
15	006	+088	55	+06	093	+066	53	140	+068	25	189	+026	14	297	-022		417	099	
16	998	+075	57	-01	086	+087	47	133	+057	47	183	+017	42	289	-050	32	409	119	15
17	991	+071	53	-07	079	+015	41	125	+003	38	173	-029	30	278	-106	20	395	152	
18	000	+061	38	+01	086	-008	27	131	-045	26	179	-068	22	282	-111	-11	399	165	06
19	008	+045	41	+07	092	-029	29	137	-066	24	184	-098	12	287	-101		404	147	
20	011	+070	48	+10	096	+025	19	142	-015	23	190	-006	41	297	-028	37	418	090	29
21	012	+086	53	+10	098	+144	23	146	+144		198	+126	42	308	+044	31	431	055	16
22	010	+045	37	+09	093	-029	28	139	+000	17	187	-025	08	292	-059		411	141	
23																			
24																			
25																			
26																			
27	989	+091	58	-09	078	+054	57	125	+030	52	174	+017	37	281	-026	11	402	095	
28	988	+078	60	-09	077	+044	54	124	+011	46	173	-028	38	277	-090	12	395	150	
29	988	+060	45	-09	077	+036	37	123	+004	28	172	-023	21	276	-104	11	393	188	05
30	992	+056	40	-06	079	-007	31	125	-048	24	172	-078	22	276	-114	13	393	157	10
31	998	+080	60	-01	085	+039	51	132	+062	36	181	+032	32	289	-036	15	409	094	07

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹
01	530	310	02	685	419	01	877	441	152	399	347	423	618	448	766	450		
02	547	183		710	310	03	907	466	167	575								
03	557	147	11	722	259	04	923	424	194	612	366	543	627	530	773	471	964	445
04	543	206		704	327		900	457	165	507	354	466	622	466	770	464		
05	542	235	08	702	343	02	895	520	156	483	346	489	614	459	763	445		
06	539	239	03	698	363	02	890	521	153	472	344	462	613	447	763	422	956	422
07	530	284		686	392		878	492	145	454	337	466	603	479	750	486		
08	535	300	03	690	417		880	494	150	449	343	454	613	463	761	460	952	441
09	546	217		706	337		900	496	160	534	346	495						
10	557	197	12	719	287	07	919	439	179	615	359	553	622	511	767	464		
11	569	176	06	732	292	02	931	460	189	608	369	544	632	496	779	465	971	424
12	572	143	18	738	230		941	408	205	605	382	574						
13	569	131		735	250	03	936	417	200	603	378	577	636	537	780	515	967	498
14	565	172	14	729	280	06	928	433	191	568	376	525	639	500				
15	555	207	07	716	330		911	493	174	481	364	499	631	464	780	449	973	409
16	546	208	06	707	333	02	901	506	167	470	356	470	623	480	771	461	963	442
17	531	229		690	352		886	459	158	434	351	442	621	456	770	439	964	409
18	534	253	07	692	376	03	885	495	155	435	349	450	620	444	770	430	964	407
19	540	239		699	358		893	496	156	480	345	462	613	472	761	460	953	443
20	556	171	17	720	280	07												
21	572	142	11	738	251		940	413	203	612	379	611	638	514	785	464	978	424
22	546	240	04	707	321		904	446	168	494	355	506	619	494	765	461	956	452
23																		
24																		
25																		
26																		
27	540	193	09	703	277		905	401	175	468	364	490	630	480	778	451	970	457
28	530	234		690	349		885	467	157	418	350	467	616	487	762	465	952	467
29	526	286	04	682	406		874	477	149	385	346	406	621	416	772	423		
30	528	251		686	367		881	495	149	446	342	447	613	445	762	438		
31	549	163		713	264	06	914	419	177	618	359	515						

January,

DAY	GEOPOTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	748	360	442	1
02	909	285	497	1
03	792	328	470	1
04	860	300	523	1
05	1030	239	567	1
06	966	265	570	1
07				
08	772	340	463	1
09	859	300	536	1
10	1091	225	583	2
11	1178	200	592	1
12	786	341	463	1
13	983	255	561	1
14	1110	219	648	1
15	940	278	503	1
16	1057	237	572	1
17	753	358	366	1
18	937	274	495	1
19	790	337	487	1
20	873	300	502	2
21				
22	791	336	507	2
23	1151	205	652	1
24				
25	872	300	511	1
26	769	345	502	1
27				
28	1180	200	575	1
29				
30				
31	873	300	514	1

February,

DAY	GEOPOTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	886	240	518	2
02	882	300	505	1
03	838	322	475	2
04	910	284	555	1
05	1024	244	552	1
06	1198	200	624	2
07				
08	834	321	484	1
09				
10	1110	215	627	1
11	1172	200	642	1
12				
13				
14				
15	1122	222	575	1
16				
17	1021	248	520	2
18	878	300	533	1
19				
20				
21				
22	790	340	401	1
23				
24				
25				
26				
27	1180	204	617	1
28	1076	240	554	2

March,

DAY	GEOPOTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	1127	224	574	1
02				
03	1184	200	550	1
04				
05				
06	809	333	471	1
07	830	327	484	1
08	1339	159	599	1
09				
10				
11				
12	1180	200	598	1
13	774	343	527	1
14				
15				
16	1040	240	548	1
17	787	342	450	1
18	790	341	487	1
19	1090	222	568	1
20	787	340	466	1
21	780	340	483	1
22	1049	238	539	1
23	790	334	437	1
24				
25	1050	235	557	1
26	740	357	493	1
27	690	381	441	1
28	709	382	409	2
29	1120	221	588	1
30	1100	222	564	2
31	1219	186	632	1

April,

DAY	GEOPOTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	1177	200	616	1
02				
03	654	400	453	1
04	955	268	570	1
05	1139	211	580	1
06	1039	242	534	2
07	810	328	473	2
08	795	336	506	1
09	1146	212	587	1
10	1090	233	571	1
11				
12				
13	1010	245	551	1
14	984	259	588	1
15				
16	815	320	522	1
17				
18	863	300	551	1
19	921	275	626	1
20	1083	223	644	1
21	816	326	465	1
22	1155	200	583	1
23	780	338	505	1
24	1103	217	645	1
25				
26	1001	254	596	1
27				
28	1020	238	563	1
29	1076	226	651	1
30	1210	184	633	1

May,

DAY	GEOPOTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	1171	200	682	1
02				
03	1184	190	617	1
04	881	300	472	1
05	702	371	450	2
06				
07	681	374	505	2
08	675	382	562	1
09				
10				
11	1071	229	673	1
12	1148	204	660	1
13	910	284	508	1
14				
15	1130	210	665	1
16	1050	235	587	2
17	1137	200	632	1
18	577	445	475	2
19	1001	252	622	1
20	1136	211	687	1
21	1050	239	563	1
22	757	345	475	1
23				
24	1210	184	697	1
25	1051	234	585	1
26	930	274	526	1
27	925	280	575	2
28	860	300	557	1
29	700	374	420	2
30	867	290	549	1
31	655	400	453	2

June,

DAY	GEOPOTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	951	261	613	1
02	1028	237	670	1
03	980	256	620	1
04	937	267	545	1
05	899	283	596	2
06	1009	237	650	1
07	864	300	561	2
08	815	328	524	2
09				
10	776	338	469	2
11	717	366	492	2
12	755	347	530	2
13	830	307	546	1
14	802	317	552	2
15	962	256	607	2
16	919	272	581	1
17	1020	236	587	1
18	1072	213	567	1
19	808	314	589	2
20	901	273	608	1
21				
22				
23				
24	936	264	608	1
25	1142	200	677	1
26	1008	241	652	1
27	566	452	484	1
28	1002	238	662	1
29	832	312	550	2
30	972	251	605	1

July,

DAY	GEOPOTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	982	252	641	2
02	819	312	506	2
03	791	326	514	2
04	849	300	521	2
05	758	343	528	2
06	910	274	534	1
07	1009	240	615	1
08	986	249	681	1
09	1030	238	687	1
10	854	300	599	2
11	831	307	553	2
12	1001	243	622	1
13	836	300	564	2
14	724	365	554	1
15	991	247	583	1
16	839	308	496	2
17	1141	200	686	1
18	730	365	465	2
19	1144	200	730	1
20	934	271	617	2
21	844	300	503	2
22	758	335	523	2
23				
24				
25				
26	980	249	574	1
27	970	244	610	1
28	1033	232	683	1
29	902	270	566	1
30	710	356	540	2
31	746	338	576	2

August,

DAY	GEOPOTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	809	312	608	2
02				
03	1056	222	691	1
04	1130	200	742	1
05	1060	223	690	1
06	1050	223	568	1
07	783	329	514	1
08	847	300	585	2
09	994	239	655	1
10				
11				
12	787	320	564	2
13	870	282	584	2
14	924	272	614	2
15	842	300	526	3
16	983	246	599	1
17	1224	172	736	1
18				
19	1113	206	703	1
20				
21	1066	232	606	1
22	1170	200	686	1
23	1100	218	685	1
24				
25	743	353	555	2
26	830	300	614	1
27	887	273	615	1
28	824	300	588	2
29	826	300	635	1
30	1127	195	739	1
31				

September

DAY	GEOPOTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	1060	217	672	1
02				
03				
04	865	300	564	1
05	730	356	524	1
06	987	250	620	1
07				
08	914	275	635	1
09				
10	962	252	555	1
11	819	318	571	1
12	856	300	592	1
13	905	277	608	1
14	970	254	549	1
15				
16	936	258	560	1
17				
18	730	347	537	2
19	831	300	578	2
20	787	327	591	2
21	699	373	555	1
22				
23	862	300	535	3
24	932	272	617	1
25	933	270	534	1
26	981	238	553	2
27	690	365	566	2
28				
29	752	342	562	2
30	989	240	561	1

October,

DAY	GEOPOTENTIAL	PRESSURE	TEMPERATURE	TYPE
01				
02				
03	960	263	526	1
04	863	300	556	1
05	1006	248	650	1
06	1011	250	584	1
07	921	277	560	1
08	1027	242	642	1
09	1010	249	642	1
10	944	268	617	2
11	910	275	620	1
12	892	287	552	1
13	861	300	498	2
14	1009	240	664	1
15				
16	651	400	425	1
17	788	328	545	2
18	759	335	579	1
19	932	264	670	1
20	1114	200	674	1
21	971	248	580	2
22	1070	218	626	1
23	849	300	517	2
24	855	300	540	1
25	790	332	523	2
26	980	255	610	1
27	1065	231	605	1
28	701	375	445	1
29	978	255	606	1
30	1070	220	669	1

January,

DAY	GEOPOTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	1062	236	564	1
02				
03	1092	224	601	1
04				
05	1080	228	497	2
06				
07	1090	222	590	1
08	930	283	559	1
09	1054	235	593	1
10	870	300	474	1
11	840	313	496	2
12				
13	782	343	384	3
14	1035	245	563	2
15	1108	223	581	1
16	1223	190	629	1
17	1015	250	486	1
18	1044	238	552	1
19	931	277	529	1
20	848	307	456	1
21	711	376	452	1
22	993	255	567	2
23	1013	250	520	1
24	1072	235	554	1
25				
26	1164	210	614	1
27	1318	167	576	1
28	984	267	473	1
29	1183	200	621	1
30	1181	200	646	1
31	1051	243	572	1

February,

DAY	GEOPOTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	1221	190	600	1
02	968	275	507	2
03	944	282	507	2
04	810	331	514	2
05	669	400	450	2
06	810	322	496	1
07				
08	1122	215	610	1
09				
10	961	268	512	1
11	987	265	534	2
12	1122	215	568	1
13	881	300	505	1
14	945	273	542	1
15				
16	1160	205	585	1
17	1253	180	643	1
18	1176	202	535	1
19	720	375	385	1
20	961	272	488	1
21	1031	253	538	2
22	1150	215	546	1
23	1232	189	546	1
24				
25	915	288	506	1
26	760	353	449	1
27	1066	229	570	1
28	906	284	518	1

March,

DAY	GEOPOTENTIAL	PRESSURE	TEMPERATURE	TYPE
01				
02	999	263	519	1
03	1013	260	557	2
04	1125	220	585	1
05	1066	238	559	1
06	889	300	486	1
07	1156	200	454	1
08	709	379	427	1
09	950	270	475	1
10	816	328	478	2
11	1018	245	592	1
12	940	276	482	1
13	1236	180	505	2
14	892	306	484	1
15	960	275	525	1
16				
17	1100	220	464	2
18	935	282	465	1
19	983	265	553	2
20	987	262	568	2
21	971	266	565	1
22	1041	243	602	1
23	1084	223	638	1
24	1192	190	596	1
25	767	346	517	1
26	809	326	485	1
27				
28	698	380	468	1
29				
30				
31	1011	252	556	2

April,

DAY	GEOPOTENTIAL	PRESSURE	TEMPERATURE	TYPE
01				
02	1200	195	595	1
03	1110	220	609	1
04	732	366	512	2
05	956	262	593	1
06	953	263	562	1
07	923	275	585	2
08	878	294	493	1
09	938	267	502	1
10	724	368	448	2
11	970	260	583	2
12	1018	247	570	1
13	1151	210	622	1
14	961	267	516	1
15	1002	246	554	1
16	778	336	478	2
17	838	308	559	1
18	1056	226	615	1
19	966	262	589	3
20	982	258	553	1
21				
22				
23				
24				
25	926	283	528	1
26	993	258	582	1
27	1140	208	647	1
28	1090	223	592	2
29	1081	230	602	2
30	1188	195	688	1

May,

DAY	GEOPOTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	1186	193	697	1
02				
03	1041	238	618	2
04	981	257	616	2
05	1069	227	658	2
06	1151	200	664	1
07	1073	222	584	1
08	1123	207	598	1
09				
10				
11				
12				
13				
14	1046	232	603	1
15	1020	242	581	1
16	1113	211	633	1
17	1026	237	580	1
18				
19	1037	231	562	1
20	918	284	505	2
21	1037	242	592	2
22				
23				
24	1161	200	662	1
25				
26				
27	1193	187	723	1
28	1106	217	638	2
29	1010	252	623	2
30	1111	213	635	2
31	673	400	441	3

June,

DAY	GEOPOTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	981	256	608	1
02	1011	250	625	1
03	990	260	603	1
04	1051	236	643	1
05	991	255	575	2
06	1075	227	593	1
07	1012	245	558	1
08	1135	200	605	1
09	850	300	534	1
10	797	317	533	1
11	719	356	523	1
12	881	281	563	1
13	604	415	435	1
14	840	300	556	1
15	852	300	581	1
16	844	300	563	1
17	851	300	574	1
18	1033	232	683	1
19	950	262	607	2
20	1027	237	652	1
21	997	250	592	1
22	1162	195	720	1
23	1036	233	638	1
24				
25	866	300	527	1
26	1140	200	687	1
27	954	262	664	1
28	1082	220	676	2
29	999	246	635	1
30	1075	219	691	1

July,

DAY	GEOPOTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	900	277	553	1
02	862	300	597	2
03	1010	235	574	1
04	966	256	610	1
05	1083	216	677	1
06	866	300	566	1
07	974	249	572	2
08	838	300	555	2
09	997	243	670	1
10	1137	200	782	1
11	1010	239	673	1
12				
13	1114	206	693	1
14	986	250	628	2
15	946	264	630	1
16	950	264	619	1
17	992	250	659	1
18	1066	223	701	1
19	966	263	660	2
20	1019	239	699	1
21	1036	230	678	2
22	1073	215	727	2
23	1117	200	763	1
24	1006	236	659	1
25	906	273	620	2
26				
27	1064	220	747	1
28	1079	220	723	1
29	1149	200	721	1
30	1097	214	705	1
31	1074	225	670	2

August,

DAY	GEOPOTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	974	256	553	1
02	900	281	534	2
03	1030	237	652	1
04	1053	230	677	1
05	1016	245	634	1
06	1079	224	701	1
07	1041	232	708	1
08	1091	214	706	1
09	1075	218	726	1
10	1019	234	655	1
11	1070	210	555	1
12	1037	223	657	1
13	1132	192	687	1
14	1097	211	655	1
15	1025	235	703	2
16	978	252	685	2
17	828	311	530	1
18	1029	229	588	1
19	907	272	615	2
20	1047	228	664	1
21	1095	215	675	1
22	1092	217	703	2
23	984	252	595	1
24	901	292	612	2
25	903	274	575	1
26	703	367	537	2
27	842	303	553	1
28	976	250	615	1
29	910	274	548	3
30	891	282	557	1
31	968	260	657	1

September

DAY	GEOPOTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	1142	200	707	1
02	1057	234	653	2
03	1154	200	688	1
04	985	248	608	1
05	982	243	588	2
06	910	276	559	1
07				
08	1038	231	654	1
09				
10	1150	192	726	1
11	1091	216	706	1
12	1056	226	620	1
13	1051	224	622	1
14	1097	213	663	1
15	1040	230	638	1
16	1081	220	700	1
17	978	260	543	2
18	993	255	554	1
19	1064	226	598	1
20	838	308	507	2
21	1011	242	630	2
22	1007	244	637	2
23	910	279	555	2
24	1023	232	616	1
25	954	262	514	1
26	1045	232	650	1
27	907	278	548	2
28	758	354	484	2
29	1214	184	687	1
30	1149	200	582	1

October,

DAY	GEOPOTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	962	259	505	1
02	1068	220	716	1
03	1030	235	660	2
04	979	250	558	2
05	1142	206	606	1
06	986	250	530	1
07	1030	236	617	1
08	810	318	605	1
09	807	315	532	2
10	910	275	600	2
11	750	340	519	2
12	824	300	535	2
13	1006	235	615	1
14	1001	247	622	1
15	953	272	582	2
16	1043	240	592	2
17	1091	223	646	1
18	918	286	527	1
19	1008	250	474	1
20	666	400	417	2
21	802	330	453	2
22	975	253	584	2
23	1009	243	613	1
24	851	306	524	2
25	920	281	515	1
26	930	273	497	1
27	924	285	591	2
28	988	263	547	1
29	923	279	533	1
30	1071	231	581	1
31	1048	242	545	1

November,

DAY	GEOPOTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	767	348	406	1
02	814	326	486	1
03	1038	245	570	1
04	987	262	531	2
05	877	308	515	2
06	960	270	579	1
07	932	279	561	2
08	920	283	514	2
09	933	285	537	2
10	1114	220	562	1
11	976	267	555	1
12	1150	206	671	1
13	842	319	505	2
14	868	307	495	1
15	1051	234	534	1
16	913	290	530	1
17	1059	236	589	1
18	1002	260	573	1
19	977	266	548	2
20				
21	1066	235	566	1
22	1149	208	620	2
23	859	320	498	1
24	835	324	475	2
25	1023	245	540	2
26	746	358	435	2
27	844	316	472	2
28	988	253	481	1
29	727	372	470	1
30	810	326	438	1

December,

DAY	GEOPOTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	744	366	467	1
02	1086	227	543	2
03	1159	209	619	1
04	1048	240	528	1
05	958	271	561	1
06	958	269	550	1
07	911	285	505	1
08	791	343	485	2
09	1006	254	576	1
10	1107	224	603	2
11	1124	221	628	1
12	1222	194	621	2
13	1265	180	634	1
14	1130	220	575	1
15	1018	254	542	1
16	926	288	522	1
17	932	279	468	1
18	896	294	502	1
19	1003	252	553	1
20				
21	1299	171	683	1
22	1063	235	552	1
23				
24				
25				
26				
27	1027	250	465	2
28	864	309	468	1
29	820	325	492	1
30	910	286	515	1
31	1211	189	636	1

Results of Upper Wind Observations, Heard Island, 1954

MONTH	DAY	HOUR	SURFACE		1000 FEET		3000 FEET		5000 FEET		7000 FEET		10,000 FEET		15,000 FEET		20,000 FEET		25,000 FEET		30,000 FEET		35,000 FEET	
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt
Jan.	02	04	07	22	06	26	04	45	05	40	05	28	02	35	34	56	34	73						
	02	10	21	10	20	08	13	08	20	14														
	03	04	22	20			26	30	26	40	25	35	26	33	26	30	28	06	29	12	28	23	28	34
	03	07	26	16	25	20																		
	03	12	26	16	26	37																		
	04	04	27	17			24	37	24	48	24	44	25	47	24	25	24	45	24	63	25	58	24	42
	05	00	21	06	24	08	26	10	27	21	27	30	27	36										
	05	04	07	08			33	09	31	12	27	27	28	30	27	54	26	80	26	97				
	06	04	32	01													26	66	27	82	27	96	27	90
	08	04	33	10			32	32	31	30	30	27	31	35										
	10	09	31	05	33	04	30	10																
	13	04	26	20					24	48														
	15	09	22	30	23	30					27	32	27	53	27	52	27	63						
	16	04	27	03							27	47	27	45										
	19	04	28	22			26	39	26	36					25	53	24	07						
	20	05	25	06			22	19	23	19					29	42								
	31	08	22	04					28	23	28	34	28	38										
Feb.	01	05	29	20			27	38	27	35	27	27												
	02	05	29	10	27	18	25	32	26	35	26	40	27	63										
	03	05	29	18	30	27	26	34	27	32	28	31	28	55										
	04	05	23	17			23	26	24	32	25	30	26	37	26	36	26	41	27	48				
	05	11	23	11	24	15	24	18	23	23														
	08	04	28	15	25	19																		
	09	10	24	32	23	44	24	66																
	10	05	24	19			20	22	21	23	23	42	25	42										
	17	04	00	00							18	06	19	10	31	26	32	33	32	68				
	23	04	05	10					32	33	32	44												
	25	04	00	00			26	18	28	20	28	33	28	48										
Mar.	01	07	21	16	26	08	27	17																
	01	09	19	13	30	02	28	13	29	18	28	26	28	23										
	02	06	03	08			04	09					31	11	32	13								
	03	05	05	02			03	08	02	24	34	12	05	09	06	12	09	25	16	27	22	69	22	55
	04	04	00	00			28	07	31	21	32	35												
	05	04	03	06	36	26	33	31	32	31	32	36	31	37										
	05	13	22	03	28	05	28	18	28	15														
	06	04	27	16							27	16	26	19	28	12	25	30	26	50	25	53	27	27
	07	04	34	04	34	22			29	24	26	46	26	60										
	08	04	36	03	35	16	29	15	27	29	24	38	24	61										
	10	04	04	03	36	20	31	48	30	39	30	42	31	62										
	18	05	21	25	20	20																		
	19	05	04	10			02	15	35	08	32	08	32	13	29	13	29	17	29	24	28	23		
	30	04	25	15			24	40	25	40	26	52												
Apr.	06	12	00	00	33	01	31	04																
	13	09	24	12			24	14	27	14	26	10	23	07	18	14	19	23	18	35	22	18	27	22
May	08	05	18	25	19	40	19	33																
	15	04	24	17			27	21	27	33														
	15	08	18	07	20	02	28	16	27	39	27	75												
	17	05	36	13			01	34	35	27	35	39												
	18	05	25	12					23	32	24	35	24	34	23	29	24	25	25	40				
	20	10	20	25	26	28	28	30	27	31	26	30												
	21	04	22	20			25	43	25	43														
	24	10	00	00			29	12	27	29	27	41												
	26	10	21	30	21	18	22	42	22	50	22	49												
	27	05	00	00	33	13	27	25	29	26	28	30												
Jun.	02	04	00	00									19	13	23	41								
	02	11	04	10	04	03	03	07																
	04	05	03	04			03	17	36	10	32	26	32	17	05	10	09	11	04	10	03	10	01	16
	05	06	00	00									14	20	12	09	11	03	10	22	12	21	03	01
	06	05	04	15			30	20	07	15	04	10	31	17	35	08	33	16	33	22	31	18	30	22
	07	10	00	00							05	12	06	22	04	20	01	25	02	38	02	66	02	61
	08	04	22	03	23	05	24	08	23	12	24	16	19	28										
	11	04	02	07	36	20	36	22	34	20	34	25	33	22	31	28	31	30	33	32				
	14	05	21	05	15	14											32	19	29	10	27	14	27	27
	15	05	00	00	03	11	36	06	30	05	30	07	28	16	27	35	25	35	26	61	26	67	26	43
	16	04	36	08	04	16	05	14	02	10	35	06	32	14	33	42								
	17	04	25	18							24	24	25	20	33	13	33	12	32	10	27	13	26	24
	18	05	25	22							26	28	28	38	28	38	28	59						
	19	05	26	15	21	31	23	22	24	37	25	23	26	27	27	29	24	22	25	20	26	33	27	33
	25	05	21	10	26	03							25	45										
	26	04	29	05	28	08	28	04	27	30	26	51	26	40	26	73								
	28	10	25	25	29	19	25	29	24	34	25	41	29	25	29	33	30	35	31	36	31	43	30	45
	29	04	18	05			10	33	11	31	09	07	29	25	27	37	27	45	27	70	27	60	28	49
	30	10	20	12	22	08	21	16	22	18	24	13	25	20										
Jul.	02	05	29	25			29	39	30	30	29	32	31	31	33	41								
	04	05	22	18			23	20	23	27	24	27	26	29	28	30	30	38	31	70	31	96		
	05	04	29	12	25	14			25	33	25	35	24	36	26	38	25	53	25	50	26	57	26	58
	06	05	18	20					22	21	23	25	25	18	26	36	26	60	28	80	27	68	27	70
	08	05	20	12	03	11			06	13	07	11	09	09	10	10	18	10	18	14	19	12	25	30
	10	11	25	15	26	09																		

Results of Upper Wind Observations, Heard Island, 1954

MONTH	DAY	HOUR	SURFACE		1000 FEET		3000 FEET		5000 FEET		7000 FEET		10,000 FEET		15,000 FEET		20,000 FEET		25,000 FEET		30,000 FEET		35,000 FEET	
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt
Jul.	11	05	27	15			26	13	27	13	27	21	28	20	29	29	31	30	32	39				
	14	04	22	10			24	17	25	28	26	30	25	35	25	34	25	25	25	20	24	51	23	52
	17	04	25	22	23	15	22	36	23	46														
	19	04	26	10	28	06	24	13	25	16	25	24	26	36	28	41	27	42						
	20	04	27	05	28	13	26	17	28	27	29	26	33	33	34	35	34	43	35	46	36	47	33	45
	21	04	00	00			29	15	29	20	30	23	29	25	29	28	28	55	28	66	28	72		
	22	04	26	10	24	21	24	27	26	24	26	19	25	18	27	23	27	19						
	26	05	20	10					18	16	16	11	12	05	19	21								
	27	04	20	10	19	12	18	20	20	24	22	21	18	09	23	23	26	30	28	46	27	44	25	36
	28	04	00	00			34	12	31	17	30	19	25	31	27	64	26	51	26	86				
	29	05	31	20	30	37																		
Aug.	05	05	21	18	21	15	18	15	20	22	22	28												
	07	05	29	18			27	32	27	35	27	42	28	47	29	31	28	31	28	28				
	12	04	04	08					33	20	33	25	33	24	33	32								
	13	04	27	12			24	22	22	24	26	21	26	17	29	08	25	13	25	22	25	17	26	26
	16	04	24	15			22	20	22	30	21	39	21	39	20	52								
	17	04	27	15			24	31	23	34	22	50	21	56										
	24	04	00	00	36	12	32	56																
	25	04	12	05	06	08	04	11	03	11	03	11	31	09	28	23	28	36	29	32	29	50	29	70
	26	04	29	17			27	30	27	23	28	24	30	28	30	45								
	27	05	00	00			29	07	27	14	26	19	26	22	26	33	26	40						
	28	04	31	15	28	22	25	22	25	21	26	27	26	27	26	29	25	20	23	17	26	31	26	45
	29	10	25	12	27	16	23	17	26	24	26	25	26	31	25	27	25	30	26	33	25	40	24	77
	30	05	00	00	02	10	33	10	22	20	31	20	29	23	27	46	26	65	26	80				
									34	12														
Sep.	04	04	27	13					29	13	28	23	27	30	27	37								
	09	05	31	07			32	32																
	12	05	29	10	27	13	24	22	25	28	25	37	25	45	27	35	26	50	26	56	26	50	27	50
	20	05	29	12	28	20	25	23	25	31	25	42	26	33	26	40								
	22	04	29	07			28	04	27	05	26	07												
	24	04	00	00			23	06	24	11	24	13	27	17	25	34	25	50	25	66	25	63	26	78
	25	11	27	05			24	08	23	19	23	26	22	23	24	33	24	42	22	88	23	102		
	26	10	29	15	30	16	28	29	28	33	28	41	28	50	28	50	29	56						
	28	10	36	07	33	10	33	14	30	18	29	20	28	25	25	28	27	38	27	24	27	52	28	30
	29	04	27	15			25	26	26	28	26	27	27	32	28	20	26	40	25	57	26	70		
Oct.	02	04	26	15					26	36	26	41	26	57										
	03	05	23	10			26	14	25	27	26	36	26	50	27	77								
	05	04	29	08			26	22	26	24	27	42	26	37	27	27	25	55	26	55				
	06	05	08	20			07	40	07	44	07	53	05	22	36	52	34	20	32	25	31	22	29	70
	09	04	27	05			27	17	26	25	27	27	27	28	27	21	25	30						
	09	04	01	09	36	17	34	17	32	33	31	43												
	10	05	04	10	02	22	34	34																
	11	04	22	03					01	08	01	10	36	11	31	27	31	38	31	35				
	12	05	24	05	24	06	25	13	25	19	25	24	25	24	26	33	24	48	23	59	24	55	24	58
	13	05	25	07	26	09	24	22	25	15	25	28	26	24	26	43	27	30						
	21	05	23	18			21	28	23	23	22	29	24	49	27	38	28	53	30	54	32	87		
	25	05	32	10	31	16	27	30	27	31	26	36	26	55	26	70								

Results of Upper Wind Observations,
Heard Island, 1954

MONTH	DAY	HOUR	40,000 FEET		45,000 FEET		50,000 FEET		55,000 FEET		60,000 FEET	
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt
Jan.	03	04	28	37								
	04	04	25	58	25	32	24	19				
Apr.	13	09	28	33	29	33	30	34	28	52		
Jun.	04	05	32	26	32	26						
	05	06	34	14	33	33	31	34	30	41	30	41
	06	05	28	29	28	33	30	39	30	44		
	07	10	02	50	36	25	32	11	27	30	25	34
	14	05	27	39	26	54						
	15	05	27	63	27	73	27	96				
	17	04	27	36								
	19	05	27	57								
	29	04	29	55	29	51	29	60				
	30	10	28	55	29	69	29	72				
Jul.	05	04	27	64	27	68						
	08	05	24	45								
	14	04	24	56	25	81						
	20	04	30	55								
	27	04	25	44								
Aug.	13	04	27	34	27	51	26	69				
	25	04	29	78								
	28	04	26	70	27	77						
Sep.	12	05	27	58								
	24	04	26	80	26	114						
	28	10	27	58	26	74	26	96				
Oct.	06	05	30	90								
	12	05	24	58	26	61						

Results of Upper Wind Observations, Macquarie Island, 1954

MONTH	DAY	HOUR	SURFACE		1000 FEET		3000 FEET		5000 FEET		7000 FEET		10,000 FEET		15,000 FEET		20,000 FEET		25,000 FEET		30,000 FEET		35,000 FEET	
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt
Jan.	01	22	29	10	26	13																		
	04	23	27	16	26	24	25	22																
	04	23	32	09	32	17	32	20	31	17	30	21	30	34	29	34	29	33						
	08	04	30	25			29	20																
	08	23	27	15	27	19	27	20																
	10	23	24	10	23	10																		
	11	17	27	15	25	17																		
	14	23	27	07	23	09																		
	19	04	29	20									29	30	29	40	30	55						
	19	23	29	30	28	26	28	37	27	34														
	22	23	28	22	27	28																		
	25	23	30	20	27	26																		
	27	09	28	12	23	14	24	19	24	32														
	27	21	27	21	25	20	25	25	23	12														
	28	11	28	22	27	26	27	39																
	30	01	30	30	29	36																		
Feb.	01	23	18	05	19	05																		
	02	11	22	07	23	17	24	14																
	03	05	16	20	18	25	20	12																
	03	11	17	10	17	09	18	05																
	03	17	00	00	33	03	32	14																
	03	23	35	12	36	14	33	17																
	04	05	32	17	30	22	29	23	29	22														
	04	11	29	12	27	17	27	22	29	19														
	05	04	34	20			31	26	32	25	32	21	31	20	33	20	33	28	36	22	36	30	35	20
	05	11	35	05	35	17	34	15	36	26	34	13	33	16										
	05	23	22	10	22	07	21	09																
	06	11	20	17	21	40																		
	06	23	27	15	25	14	23	22																
	07	04	25	15	25	17	25	26																
	07	11	30	05	29	16	27	18	27	29	25	33	25	41										
	09	05	29	35	28	56	28	39	26	56	27	60												
	09	23	32	25	31	32																		
	10	23	27	32	25	35																		
	11	04	30	20	28	27	27	40	26	40	26	50												
	12	11	30	25	28	35																		
	12	23	29	15	30	13	28	19	29	14	29	17	27	20										
	13	04	32	18	32	20	29	30	29	33	30	28	27	32										
	13	11	27	15	27	31																		
	13	17	27	24	27	24																		
	13	23	27	20	27	30	26	20	25	27	26	32												
	14	04	28	20	28	22	28	25	27	30														
	14	11	29	12	28	18	27	19	28	19	28	26												
	14	23	30	15	29	19	28	23	27	22	27	26												
	15	23	27	28	26	32																		
	16	04	29	20	27	34	26	34																
	19	04	29	20	28	28	27	32	27	36	27	37												
	19	17	30	22	29	30																		
	21	04	29	20	28	23	27	24																
	24	23	33	20	34	26	31	40																
	25	11	28	10	27	18																		
	25	17	31	15	31	24	31	25																
	25	23	32	12	32	15	32	21	32	16	32	28	31	30	32	41								
	26	04	31	12	30	21	30	20	30	22	30	25	31	30	32	37	33	50						
	26	11	28	15	28	23	27	20	28	24														
	26	23	32	19	33	24	32	27	32	27	32	23	31	22	32	32	30	28	31	44	32	46		
	27	23	32	28	32	26	32	30	32	36	32	35	32	44	32	43	31	47	32	30	32	39	32	39
	28	04	32	24	32	29	31	30																
	28	23	27	32	26	34	26	34																
Mar.	01	04	30	28	30	26	29	33	29	40	29	40	29	50										
	02	04	29	20	30	25	29	36	29	33	29	57	29	56	30	59	29	72						
	06	23	34	20	33	23	31	30	32	28	32	54	32	39	35	66	35	88						
	07	04	34	22	33	23	31	27	32	23	32	26	34	26	34	48								
	07	23	34	30	34	27	33	42																
	08	11	27	28	26	48	26	37																
	08	23	34	20	35	22	34	32	34	23	32	30												
	09	11	27	24	27	24	27	23																
	09	23	26	15	25	15	26	21	26	20														
	10	04	26	20			26	25	27	21														
	12	07	34	08	35	17	33	18	34	18	35	21	33	20	32	26	34	36	35	53	34	80	33	34
	15	00	00	00	17	03	15	07	10	07														
	15	07	20	05			21	12			19	07												
	24	00	32	20	32	24	31	24	30	27	30	31	29	26	30	37	31	34	32	40	32	43	32	53
	24	06	31	10	31	14	30	19	33	14	33	16	32	26	29	21	29	23	29	35	27	56		
	25	06	32	20	32	28	31	29																
	28	00	32	25	33	33	32	41	33	42	33	43	32	41	32	45								
	29	06	25	23	26	25	24	25																
	31	06	26	18	26	24	28	26	28	31	28	34	29	56										
Apr.	01	04	25	25	26	21	24	22	25	26	25	29	25	25	24	51	24	58						
	02	04	34	20	36	23	35	37	33	43	32	36												
	04	04	31	25	30	40	29	35	30	35	30	35	29	26										
	04	23	26	30	25	27	25	38																
	05	04	26	30	27	30	26	29	26	38	27	33	26	49										
	07	04	29	22	29	30	28	26	29	20														
	08	04	33	23	35	33																		
	09	04	27	35	26	30	24	40	24	43	25	45	25	43										

Results of Upper Wind Observations, Macquarie Island, 1954

MONTH	DAY	HOUR	SURFACE		1000 FEET		3000 FEET		5000 FEET		7000 FEET		10,000 FEET		15,000 FEET		20,000 FEET		25,000 FEET		30,000 FEET		35,000 FEET	
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt
Apr.	11	04	28	12	28	14																		
	12	04	18	25	20	34																		
	13	04	32	35	33	33																		
	15	04	29	12	30	15																		
	15	23	31	20	32	26	30	30																
	16	04	18	20			22	38																
	17	04	29	25	29	27	28	30																
	19	04	28	28	28	36	27	37	27	42														
	22	23	23	15	23	24	22	28	22	25	22	30												
	25	04	16	12	16	20	17	14																
	25	23	09	02	19	07																		
	26	04	22	05	25	09	23	08																
May	01	05	06	05	06	13	04	24																
	07	04	33	20	34	30	32	28	32	30	33	30												
	09	04	30	28	31	35	30	42	29	40														
	11	04	27	35	29	40																		
	12	04	27	30	29	37																		
	13	04	28	22	31	20	31	25	30	28	30	30												
	14	04	28	35	31	40	31	45																
	15	04	29	28	32	35	31	40	31	35	31	50	31	55	30	53								
	19	04	32	05	35	07																		
	20	04	16	15	19	23																		
	22	04	27	25	29	28																		
	23	04	26	18	29	14	28	21																
	25	04	26	30	29	20	28	30	28	40	28	45												
Jun.	01	23	25	12	26	16	28	34	28	31														
	03	05	22	10	22	04																		
	04	04	29	20	30	15																		
	06	01	27	18	27	23	27	15	25	25	25	31												
	06	04	27	25	26	30																		
	09	04	28	25			29	30	28	50														
	11	23	20	03	22	07	24	22	24	37	23	26	21	11										
	12	04	20	05	25	12																		
	18	04	27	22	25	28																		
	20	04	26	16	26	19	26	31	27	33	28	34	25	40	24	83	23	99						
	21	04	26	20	26	25	24	26																
	21	22	30	22	29	30																		
	25	04	27	30	25	35																		
	27	00	26	40	26	28	24	39																
	27	04	28	30	24	30																		
	29	00	29	22	29	33	28	38	27	53	27	49												
	29	04	28	22	28	32	27	43	27	52	27	48	27	49	27	70	27	59	27	45	25	80	26	60
	30	23	26	20	26	15	24	23	25	23	25	32												
Jul.	01	04	00	00	30	08	30	17	28	25	29	22												
	01	10	34	07	36	13	34	15	31	23	32	23												
	02	04	26	05	23	05	25	16																
	02	23	31	22	30	27	29	62																
	06	04	27	20	26	31	26	28	27	31														
	07	04	27	22	25	30	25	36																
	11	04	25	22	26	28	25	39	26	25														
	12	04	20	05	23	23	24	41	25	34	24	38	24	53	24	67								
	15	04	27	20	24	17	25	22																
	15	23	18	04	19	13	25	15																
	16	04	00	00			23	10																
	16	11	00	00	20	07																		
	17	04	27	15	25	14	24	16																
	19	10	25	14	25	26	23	22	23	17														
	20	04	19	10	20	13	23	18	23	26														
	20	23	18	05	20	18	21	17																
	21	04	24	14	24	11																		
	21	23	22	10	20	12	23	21																
	22	04	20	02	25	12	22	19																
	23	04	27	14	27	18																		
	24	04	15	10	16	13	18	08	23	13														
	25	04	20	10	23	12	23	20																
	26	04	18	25	21	39																		
	27	04	31	16	33	19	32	22																
	30	04	25	27	27	30	25	35	24	34	25	34	25	30	24	43								
Aug.	01	04	27	22	26	24																		
	02	04	29	20	30	23	28	28	29	30	29	35												
	02	23	23	15	24	23	24	27	24	37														
	03	04	23	20	26	23	25	25																
	04	04	26	25	27	42	25	35	25	37	25	27	26	34										
	08	23	33	25	34	32	33	33																
	10	04	18	03	22	06	28	12																
	10	23	28	05	26	10	27	16	26	13														
	11	04	18	20	18	23																		
	11	08	17	08	22	07	25	20	27	26														
	11	15	14	20	16	25	16	22	28	09	28	15												
	12	04	16	03	26	07																		
	12	11	25	07	26	11	27	12																
	12	17	27	20	26	23	24	15																
	14	22	32	30	32	42																		

Results of Upper Wind Observations, Macquarie Island, 1954

MONTH	DAY	HOUR	SURFACE		1000 FEET		3000 FEET		5000 FEET		7000 FEET		10,000 FEET		15,000 FEET		20,000 FEET		25,000 FEET		30,000 FEET		35,000 FEET	
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt
Aug.	15	04	34	25	35	32	34	42	34	40														
	16	23	31	25	30	41	30	40	30	34	30	39												
	17	01	31	22	30	28	29	32	29	35	29	39	30	40										
	17	04	30	18	30	24																		
	17	11	28	18	27	26	27	18	26	31														
	17	18	32	26	32	34	31	37																
	18	04	33	35			28	54																
	18	22	29	30	28	33	27	45																
	19	04	27	36			25	49	25	40														
	19	11	27	16	27	27	27	36	27	39														
	20	10	26	04			24	06	25	10	24	16												
	20	15	29	10	26	19																		
	20	23	32	22	29	32	27	36																
	21	01	32	22	30	30	27	40	29	38	28	38	27	36	28	53								
	21	04	32	20	29	29																		
	21	10	32	20	30	35	28	22																
	22	00	33	16	31	23	30	18																
	24	01	32	20	30	28	31	32																
	24	04	34	20	33	27	33	30	32	32	33	39	33	35	32	40								
	24	10	32	22	31	26	30	22	31	26														
	25	04	33	16	32	22																		
	25	15	31	18	31	19	30	35	30	36														
	25	22	30	03	31	11	32	10	32	11	35	05	14	02										
	26	04	30	06	32	11	29	16	27	12	28	11	29	18	29	15	30	17						
	26	10	25	22	25	21																		
	27	04	27	32	26	33																		
	27	10	29	15	26	30																		
	28	04	28	25	28	32																		
	29	04	31	32	30	36	29	45	29	48	29	47	30	52										
	29	10	31	20	32	25	31	37	31	36														
	30	04	18	30	21	45	21	52																
	30	10	18	20	24	15	24	20																
	31	04	29	17	25	25	24	30	22	37	22	40	24	70	22	65	23	77	23	87	22	70	23	50
Sep.	03	06	33	12	35	31	35	35	34	24														
	05	00	28	30	28	33	27	36	28	41	27	40	27	40	27	62								
	05	04	29	32	28	39	27	36																
	06	04	26	15	25	15	23	26	24	27														
	07	10	22	15	24	16	23	28																
	07	16	28	25	28	30																		
	07	22	27	39	26	45	26	66	25	45														
	08	00	32	30	29	31	28	41	29	26	28	22	28	43	27	45								
	08	04	30	30	29	35																		
	10	04	27	25	27	40																		
	10	23	32	30	30	38																		
	13	07	30	20	30	23	28	32	28	38	29	40												
	14	01	30	30	27	40	27	41	27	51	26	46	29	43										
	15	00	29	40	28	49	28	55	27	57	27	67												
	15	04	29	34	29	39			27	56	26	63												
	16	00	35	15	36	20	36	18	34	11	32	22	30	27										
	17	00	27	30	26	24	26	27																
	17	04	26	22	26	20	23	28																
	17	10	23	05	24	12	23	13																
	17	18	29	10	30	04																		
	18	00	34	07	34	07																		
	19	22	29	25	29	25	27	35	26	41	27	41	28	34	28	34	28	36	26	43	28	48	28	53
	20	04	27	20	26	24																		
	21	04	28	40	27	51	26	67																
	23	12	25	15	23	22	23	26																
	24	00	27	25	26	32	24	32	24	44	25	33	24	46	24	91								
	24	04	24	06	23	10	24	20																
	24	11	00	00	04	03	03	03	33	05	26	06												
	25	04	13	28	14	35																		
	25	08	14	12	14	13	15	12	20	05	19	06												
	25	15	34	14	36	18	34	24	32	18	32	18												
	27	00	29	32	28	37	27	52	27	49	27	51	27	47	28	60								
	30	04	28	26	27	35	26	50	27	53	27	57	28	75	28	03								
	30	11	28	20	27	25	26	40																
Oct.	01	01	27	24	27	29	25	36	26	37	27	41	28	38										
	01	04	25	22	26	30	25	40	25	40	26	37	27	50	27	68	27	87	28	80	28	01		
	01	11	26	28	27	38	26	44																
	02	00	30	20	30	20	29	19	28	18	28	29	28	43	27	41	27	39	27	56	29	06	28	27
	02	04	32	20	31	24	30	17	31	27	30	27												
	02	10	32	25	31	22	29	29	28	34														
	03	04	26	20	28	26	27	33	27	37	26	37												
	04	04	28	30			27	44																
	04	11	28	31	28	35	27	42																
	04	23	32	26	32	33	32	38																
	05	23	29	40	28	40	28	53	28	59	29	67	30	90										
	06	06	29	35	29	36	29	54	26	61	28	71	27	51										
	06	23	35	26	01	30																		
	07	11	29	26	28	27	28	40																
	07	18	32	22	32	29	31	38																
	07	22	33	18	33	23	32	33	32	41	31	33	32	34	31	52	30	47	31	50	32	84		
	08	04	34	30	34	35	33	49																
	08	10	27	10	25	23	28	06	25	16	24	14												

Results of Upper Wind Observations, Macquarie Island, 1954

MONTH	DAY	HOUR	SURFACE		1000 FEET		3000 FEET		5000 FEET		7000 FEET		10,000 FEET		15,000 FEET		20,000 FEET		25,000 FEET		30,000 FEET		35,000 FEET	
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt
Oct.	08	18	14	15	15	14																		
	08	22	18	12	20	10	19	13																
	09	04	26	10	24	16	24	35	26	30	25	25	27	34	29	29								
	09	16	27	22	27	37	27	31	26	29														
	09	22	32	15	32	16	31	22																
	10	22	32	30	32	23	30	40	30	42	30	53	29	35										
	11	04	29	26	29	23	27	33	26	34	28	38	28	40	28	31	26	29	28	41	29	48		
	11	11	30	30	28	31																		
	11	23	27	23	26	24	26	25	26	44	26	34	27	33	30	31	34	17	29	26	29	34	29	33
	12	04	29	26	29	25	29	27	29	30	30	31	31	30	29	32	29	31	28	25	28	29	27	30
	12	11	30	16	30	17	29	15	28	10	27	12	28	16										
	12	23	17	18	20	26	20	23																
	13	04	22	12	21	14																		
	13	11	22	10	23	14	23	15																
	13	18	22	06	23	08																		
	13	23	28	05	27	09	27	15																
	14	07	30	10	31	11	27	17	25	17	25	18	23	23	21	39								
	16	04	26	22	25	23																		
	16	10	27	20	27	22																		
	18	04	24	02	24	09	27	21	28	30														
	18	11	00	00	23	02	30	10																
	19	04	33	14	33	25	30	27	32	30	32	34												
	19	11	27	24	26	21	25	40	26	38														
	19	23	33	28			32	40	31	45	31	31	30	38	29	51	28	43	29	42	31	52	29	80
	20	11	27	25	24	30	25	32																
	20	18	29	17	29	24	28	35	27	34														
	21	06	31	30	31	40	30	50																
	21	22	32	14	32	18	32	18	30	26	28	30	29	38	29	45	29	76	28	62				
	23	04	26	20	27	25	27	22	26	30	24	25	25	33										
	23	22	30	28	29	34	28	41	29	50														
	24	10	29	25	30	32	28	35																
	24	23	27	30	25	21	24	37																
	25	04	26	30	26	32	25	35																
	25	11	28	20	27	20	27	30																
	25	23	28	30	28	42	26	52																
	26	04	27	33	27	40																		
	26	23	27	25	25	25	26	23																
	27	04	27	25	26	30																		
	27	22	29	20	29	35	30	31	28	29														
	28	04	31	22	31	28	30	35																
	28	23	32	30	32	37																		
	29	05	29	20	27	26	27	38	28	51	29	55												
Nov.	01	00	27	24	27	29	26	34	27	37	27	32	29	45										
	01	04	27	28	26	28	26	42	27	37	27	28												
	02	00	27	28	26	31																		
	02	04	27	35	25	33	25	43	25	36	25	38	24	50										
	03	00	27	28	25	27																		
	03	04	26	14	25	08	23	18																
	03	11	26	10	26	05																		
	03	18	25	06	29	11	29	10																
	04	00	31	07	34	10	31	09																
	04	04	33	20	34	20	31	20	32	18	31	16	31	18	32	20								
	04	11	34	08	35	15																		
	05	00	15	10	12	12	11	10	12	10														
	06	00	35	07	34	07																		
	07	04	27	16	28	18	28	18	27	18	28	22	28	26	28	30	29	39						
	08	04	28	20	26	12	24	30			26	40	26	37	27	51								
	08	10	27	16	25	19	25	20	25	26	24	22												
	08	18	31	07	29	13	28	18	27	22	27	22												
	08	22	32	15	32	20	30	22	28	22	28	29	28	39	28	32	26	22	27	30	27	34	28	42
	10	22	14	14	13	20	12	13	10	03	16	04	24	06	30	13								
	11	04	14	10	15	12	24	06	21	06	23	04	25	10										
	11	22	34	10	31	11																		
	12	23	32	33	32	41	30	53	30	51	30	55	30	49	30	50	28	66						
	13	04	32	27	32	38	30	52	30	50	29	57	29	68	29	65	29	65	30	42				
	13	22	32	27	32	35	30	49	30	51	30	55	30	56	31	64	31	67						
	14	04	32	25	32	34																		
	14	11	32	22	30	32	29	29																
	15	05	29	02			24	02	26	09	28	10	28	16	31	14	31	32	31	48	31	59	33	41
	15	23	15	28	16	34	16	38																
	16	04	14	28	16	29																		
	16	22	11	08	16	12	16	11																
	17	04	14	05	12	06	08	01																
	17	11	09	02	06	05	07	05																
	17	18	33	10	35	12																		
	18	04	36	14	36	23																		
	18	11	36	15	36	22	33	24																
	19	23	32	20	33	28	32	31	32	30														
	20	04	33	20	33	32	32	34	31	32	31	36												
	20	23	14	01	19	04																		
	21	04	16	08	14	11	36	05																
	23	06	15	07	34	08																		
	23	10	14	02	33	07	30	06																
	23	18	32	02	27	09	20	05																
	24	23	24	08	24	14																		
	25	05	29	11	29	13	29	19	24	18	25	18												
	26	17	27	05	27	11	25	20																

Results of Upper Wind Observations, Macquarie Island, 1954

MONTH	DAY	HOUR	SURFACE		1000 FEET		3000 FEET		5000 FEET		7000 FEET		10,000 FEET		15,000 FEET		20,000 FEET		25,000 FEET		30,000 FEET		35,000 FEET	
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt
Nov.	28	23	00	00	24	01																		
	29	04	32	05	28	10	21	10	23	10	26	17	24	15	25	19	26	31	31	41	30	42	30	61
	29	10	27	03	32	10	31	07	30	10	29	13	28	13										
	30	04	29	12	28	23	27	22	27	22														
	30	08	29	08	28	15	28	16	28	17	27	18	27	22	27	45	26	61	26	50	26	61	26	80
Dec.	01	10	25	05	24	12																		
	03	23	28	20	27	37																		
	04	04	29	27	27	32																		
	05	10	35	10	34	19	33	17	33	18														
	06	18	31	15	31	22																		
	06	22	33	12	33	22	31	24																
	07	04	31	15	30	24	28	40	28	34	30	21	31	26										
	08	04	32	05			34	13																
	08	10	00	00	35	04	02	06																
	08	18	16	10	18	04	25	05																
	09	12	12	12	14	14	14	03	26	06	25	09	22	14										
	09	18	00	00	06	06	01	05																
	09	22	32	08	33	11																		
	10	11	32	18	32	18																		
	13	22	00	00	04	02	27	06	28	08														
	14	04	14	07	15	07	10	04	03	05	35	13	35	27	36	30	35	58	35	79				
	14	22	15	03	02	02																		
	15	04	30	10	30	05	31	10	32	13	33	13	33	16	34	28	33	56	33	41	33	52		
	18	05	28	16	28	23	26	22	26	30	27	28												
	18	10	31	10	31	18	31	25	31	24														
	20	04	24	12	24	20	21	27																
	22	05	26	25	26	27	25	18																

Results of Upper Wind Observations, Macquarie Island, 1954

MONTH	DAY	HOUR	40,000 FEET		45,000 FEET		50,000 FEET		55,000 FEET		60,000 FEET													
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt
Mar.	12	07	83	08																				
	24	00	32	67																				
Aug.	31	04	24	63																				
Oct.	02	00	28	11																				
	11	23	28	56																				
	12	04	28	48	28	80	28	72	28	70														
Nov.	08	22	27	50	28	56	28	48																
	15	05	30	21	31	30	30	28	31	15	30	14												
	29	04	30	34	31	50	29	27	32	25	30	20												
	30	08	25	64	26	50	25	58																

Results of Upper Wind Observations,
Mawson 1954

MONTH	DAY	HOUR	SURFACE		1000 FEET		3000 FEET		5000 FEET		7000 FEET		10,000 FEET		15,000 FEET		20,000 FEET		25,000 FEET		30,000 FEET		35,000 FEET	
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt
Apr.	02	09	00	00	22	03	16	09	21	16	25	06	25	45										
	03	09	00	00	21	04	09	04	29	07	25	12	23	26	24	49	25	54						
	04	09	16	10	11	12	12	09	26	13	25	25	26	26										
	05	09	00	00	21	03	11	12	20	06	27	04	30	10										
	06	09	00	00	20	02	25	02	26	19	27	22												
	07	09	15	18					17	01	28	05	28	13	26	14	27	25	27	26	26	22	26	30
	08	09	00	00			14	03	17	11	24	08	24	20	24	23	23	34	23	44	24	43	25	51
	09	12	12	12	10	11																		
	10	09	00	00	26	03	22	04	17	12	23	11	23	12	24	27	24	29	23	28	26	35	27	46
	11	09	00	00	14	08			27	16	28	30	27	33	27	35	28	30	27	30	27	37	27	43
	13	09	17	12	10	17	11	13	15	08	18	03	24	08	26	17	27	27	27	35	28	54	28	45
	14	09	17	18	10	33	09	29	10	24														
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	16	09	17	12	11	29	07	06	14	14	13	19												
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	20	09	15	07	14	23	12	11	14	16	23	21	25	33	23	42	25	51	26	81	27	95		
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	23	10	14	10	13	13	17	03	26	09	27	11	25	19	24	34	24	41	24	40	25	39	25	38
	26	09	18	03			13	06	21	11	24	26	24	28	25	32	25	27	27	26	26	23	28	30
	28	09	00	00	22	02	21	07	12	23	17	31	20	33	22	19	23	23	22	30	23	50	23	54
	29	09	16	19	15	19	13	04	21	07	24	18	23	22	23	39	24	43	24	44	24	42	24	43
	30	09	00	00	24	04	18	11	15	19	22	13	23	39	24	51	25	59	25	72	25	05	25	86
May	02	10	00	00	10	04	11	06	08	06	09	12	11	14	27	12	26	26	26	27	27	27	25	25
	03	09	17	15	13	05	13	08	20	12	25	15	25	12	26	23	26	32	26	33	27	30	27	32
	04	09	14	24	11	08	07	04	01	02	33	12												
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	07	09	14	18	11	12	07	07	14	06														
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	09	09	00	00	03	03	09	12	16	11														
	10	09	15	15	13	15	23	02	24	08	27	17	27	20	27	41	28	51	28	63	29	56	28	51
	11	09	15	20			27	09	24	21	25	40	25	49	25	50	25	35	26	35	27	33	27	34
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	17	09	13	18	10	03	06	02																
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	20	06	00	00	10	18	09	31																
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	25	06	12	37	11	40																		
	26	06	12	37	12	46																		
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	29	06	13	20	12	23	09	13																
	30	06	15	25	12	20	11	13	16	08	12	02	23	04	22	21								
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Jun.	01	06	15	20	08	05	07	09	35	02	26	10	29	10	27	23								
	02	06	14	18	13	23	09	11	18	08	24	14	22	19	25	44	26	83	26	06	26	12		
	03	09	00	00	18	04	19	10	19	07	20	22												
	04	07	18	20	16	18	11	14	10	15	16	25	25	09	21	15	23	15	25	19				
	05	07	00	00	13	11	11	13	08	23	11	22	12	10										
	06	07	00	00	09	06	14	05	09	13	10	19	09	05	35	03	32	09	30	14	29	20	28	24
	07	06	07	01	03	04	14	02	09	14	07	11	04	13	02	21	35	25	35	26	33	27	33	28
	08	07	13	18	10	30	09	25	11	21	08	17	04	21										
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	13	07	00	00	15	04	16	02	02	05	32	06	25	04	02	04	05	22	05	25	05	30	04	26
	19	07	00	00	06	07	08	08	11	19	14	15	11	10	14	08	12	08						
	20	08	00	00	09	05	01	03	33	18	35	10	33	16	35	26	35	47	34	58	35	65		
	21	07	13	18	11	17	09	11	01	03	29	10												
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	27	07	15	30	14	40	15	10	19	14														
	27	09	15	20	11	14	11	07	17	09	14	18	11	21										
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	29	08	14	19	13	04																		
	29	18	14	14	10	03	07	08	27	10														
	30	07	14	20	12	32	33	02																
Jul.	01	07	15	20	14	09	12	14	18	07	22	07	21	17	23	25	24	28	25	37	25	42	26	44
	01	17	14	21	09	12	11	10	12	07	26	07	28	12										
	02	07	14	27	12	39	08	24	13	15	36	03	30	07	29	20	30	29	30	41	29	57		
	05	07	15	23	13	16	11	08	21	05	25	08	28	09	27	20	28	28	29	30	29	37	30	36
	03	18	00	00	13	03	12	12	15	05	22	05	29	06										
	04	07	00	00	07	02	12	11	09	12	12	05	36	03	31	13								
	04	17	00	00	17	02	12	06	11	15	11	07	06	07										
	05	07	00	00	12	01	11	03	11	10	10	07	05	07	36	14								

Results of Upper Wind Observations, Mawson 1954

MONTH	DAY	HOUR	SURFACE		1000 FEET		3000 FEET		5000 FEET		7000 FEET		10,000 FEET		15,000 FEET		20,000 FEET		25,000 FEET		30,000 FEET		35,000 FEET	
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt
Jul.	05	17	00	00	15	01	27	07	26	08	21	08	25	10										
	06	07	00	00	23	03	25	09	25	12	26	25	25	42	24	66	23	88						
	06	17	00	00			22	10	24	15	25	30												
	07	07	22	03	23	18	14	07	23	12	23	35	24	47										
	07	17	22	10	29	09	23	20	15	01	18	23	22	23										
	08	07	15	30	15	22	15	07	14	15	24	09	24	23	24	32	24	42						
	08	17	31	03	12	09	09	15	15	10	22	10	26	22										
	09	07	12	13	13	17	12	22	12	27	10	07	19	08	24	25	26	45	27	48	28	46	28	40
	09	17	22	07	22	13	12	20	12	27	15	30												
	10	07	00	00			09	08	12	03	19	14	22	18	23	20	24	21	24	22	25	32	27	24
	10	17	14	15	13	20	09	22	12	29														
	12	07	14	30	14	34	36	12																
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	14	17	13	16	12	27	11	22	13	23	13	10	18	02										
	15	07	13	31	12	37	09	29																
	15	17	13	23	13	28	10	14	10	10														
	16	07	00	00	14	02	23	01	26	10	22	04	25	12	22	07	25	19	24	37	25	47	25	40
	16	17	13	17	08	08	05	05	28	10	29	14	29	14	29	19								
	17	07	14	23	13	20	17	05																
	17	17	14	18	11	12	13	02	27	02	30	06	28	12										
	19	07	13	25	12	42	06	13	08	11	10	19	12	23	08	05	36	08	26	18	30	12	31	28
	21	07	12	36	12	40	09	27	09	34														
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	22	09	15	20	14	33	06	10	05	06	18	08	14	16	15	30	16	33						
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	23	07	14	18	12	24	11	11	13	11	13	21	10	05	13	16	16	20	19	12	25	08	26	14
	23	17	14	15	10	07	15	09	18	01	13	05	16	09										
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	25	07	17	25	18	17	11	16	11	19	12	28	15	47	16	49	17	45						
	25	17	17	25	17	16	13	15	13	43	13	15												
	26	07	14	28	16	51	12	25	09	19	01	09	14	09	15	54	15	48						
	27	07	13	23	13	33	08	25	11	18	14	21	13	47										
	27	17	15	05	14	08	13	09	10	19	11	23	15	36										
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	28	17	14	16	12	14	09	09	14	16	16	15	19	10										
	29	07	14	15	15	32	09	25	15	13	08	08	33	04	30	22	29	36	29	37	30	40	31	48
	29	17	14	25	12	09																		
	30	09	12	23	11	38	08	23	09	24														
	31	09	13	23	12	25	10	19	10	18														
Aug.	01	17	12	23	11	30	07	14	17	08	13	22												
	02	07	13	20	09	13	09	10																
	02	17	13	23	11	21	09	07	15	13	17	11	08	09	05	13								
	03	07	13	15	10	20	08	08	12	13	12	03	03	04	01	02	11	06	13	12	19	10	26	02
	03	17	13	18	13	31	07	10	14	12	24	07	25	09										
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	04	17	14	21	10	17	07	15	10	12	16	12	20	04										
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	05	17	13	18	10	28	08	25	09	39	09	41												
	06	07	13	35	12	45	10	38																
	07	08	13	41	13	45																		
	08	09	13	45	14	53																		
	09	09	13	33	13	56																		
	10	09	13	25	12	39	09	11																
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	12	17	14	21	12	22	12	03	14	07	14	05	14	04										
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	13	17	13	25	09	13	10	08	11	11	09	12	05	07										
	14	07	13	23	10	24	08	14	11	09	08	13	04	12										
	14	17	13	18	08	10	09	12	15	05	33	01	35	09										
	15	07	14	00	11	08	14	04	25	02	25	04	25	03	22	07	20	12	24	11	26	25	27	35
	15	17	14	10	15	01	27	08	27	10	26	17	31	05										
	16	07	22	07	21	17	12	13	21	12	22	21	23	45	24	44	25	54	23	93				
	16	17	00	00			12	15	15	05	25	12	26	19										
	17	07	00	00	05	04	31	02	19	04	19	06	19	33										
	17	17	15	13	14	24	06	03	23	11	22	09	22	27	21	30	24	26	24	35	24	50	24	55
	18	07	22	05	16	06	14	04	21	07	21	18	22	37										
	19	07	00	00	25	06	24	05	20	17	24	25	22	38	24	39	23	44	24	49	23	63	24	76
	19	17	13	30	15	05	15	09	22	11	25	19	23	22										
	20	07	14	17	19	04	09	07	35	01	26	05	27	14										
	20	17	13	18	11	16	10	07	22	05	25	12	27	20										
	21	07	14	15	11	06	21	05	26	08	26	18	28	23	28	43	27	60						
	23	17	14	15	13	11	27	01	25	07	29	13	28	25	29	25	32	16	33	18	30	26	29	26
	24	07	13	23	11	27	06	05	26	13	27	15	27	23										
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	25	07	14	23	13	24	08	08																
	25	17	13	27	12	10	09	03	25	06	27	23	27	32	27	37	27	45	27	45	28	41	28	45
	26	07	00	00	22	04	11	14	24	02	29	10	29	15										
	26	17	00	00	16	02	10	09	28	05	26	07												
	27	07	00	00	09	04	09	06	12	06	24	06												
	27	17	00	00	07	06	16	02	27	08	32	10	33	09	32	15	30	15	29	20	27	23	26	30
	28	07	00	00	04	06	11	05	25	09	25	15												
	28	17	00	00	08	05	09	17	05	04	02	09												
	29	07	13	10	09	15	09	16	07	16	01	12												
	29	17	13	20	09	09	11	07	28	04	28	05	23	06	27	17	27	20	27	22	28	27	27	25
													23	10										

Results of Upper Wind Observations, Mawson 1954

MONTH	DAY	HOUR	SURFACE		1000 FEET		3000 FEET		5000 FEET		7000 FEET		10,000 FEET		15,000 FEET		20,000 FEET		25,000 FEET		30,000 FEET		35,000 FEET	
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt
Aug.	30	09	00	00	190	01	090	12	320	05	320	15												
	30	17	00	00	130	03	100	11	340	01	280	15	260	23										
	31	09	13	15	090	14	090	13	070	09	010	05	350	15										
	31	17	13	10	070	17	090	14	110	20	000	05	310	10										
Sep.	01	09	00	00	240	04	130	08	130	15	130	16	230	08										
	01	17	00	00	080	10	350	04	100	06	320	08	310	18	360	04								
	02	07	13	27	120	35	070	09	110	09	090	19	210	11	320	20	300	58	320	60				
	03	07	22	14	160	13																		
	04	09	14	22	130	16	110	07																
	04	17	13	27	120	25	090	10	190	08	240	22	230	22	220	35	220	33	220	36	250	37	250	39
	05	09	12	18	110	12	170	05	190	09	230	14	220	30	240	32	250	42	260	53	270	65	270	74
	06	11	00	00	060	06	120	15	210	13	260	13	220	25										
	06	17	03	24	000	24	100	10	160	13	220	12												
	07	11	12	48	130	40																		
	10	17	14	18	140	29	060	02																
	10	17	15	21	130	25	160	09	250	03														
	11	17	15	17	080	06	070	07	020	06														
	11	17	14	10	080	09	080	07																
	12	17	13	00	120	23	090	15	080	12	240	04												
	12	17	14	00	130	04	100	04	160	04														
	13	17	00	00	060	06	330	01	310	12	220	10	290	07	240	04								
	13	17	00	00	140	24	310	12	320	12	170	16	220	04										
	14	17	00	00	090	03	120	12	180	12	210	16	250	08										
	14	17	00	00	080	02	130	18	160	06	190	10	230	14										
	15	17	00	00	090	02	140	16	290	10	220	16	230	13	260	26	250	36	250	46	270	51	260	42
	15	17	00	00	110	14	160	20	170	10	190	10	230	14										
	16	17	00	00	110	12	170	01	230	13	230	21	260	26	260	36	270	36	260	55	280	51	280	50
	17	17	00	00	130	16	150	03	250	08	270	15	270	20										
	17	17	00	00	140	12	110	08	310	03	310	05	320	08	290	10	290	16	320	14	310	12	260	16
	18	17	00	00	130	16	110	12	040	13	040	10	350	07	340	14								
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	20	17	00	00	090	12	210	04	320	02	320	04	340	02										
	21	17	00	00	090	04	120	20	050	02	020	05	020	06										
	21	17	00	00	090	08	110	09	110	18	110	18												
	22	17	00	00	090	11	120	09	140	15	130	14	190	21	200	11								
	22	17	00	00	090	12	100	08	180	07	170	09	200	11										
	23	17	00	00	090	14	080	08	220	04	230	12	230	13	230	22	230	12	250	10	230	20	230	33
	23	17	00	00	090	17	080	12	190	06	220	15	240	13										
	24	17	00	00	090	15	080	10	210	05	210	06	240	09										
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	25	17	00	00	090	15	080	10	170	04	240	06	270	17										
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	27	17	00	00	090	15	080	10	200	02	240	03	250	21										
	28	17	00	00	090	12	080	12	220	03	230	06	250	15	260	46	260	58	260	86	260	99	260	10
	28	17	00	00	090	12	080	12	210	06	230	21	250	25	250	55								
	29	17	00	00	090	12	080	13	230	06	230	15												
	30	17	00	00	090	09	090	09	230	06	230	25												
Oct.	01	11	13	18	140	32	120	05	090	14	190	15	250	14	230	16	250	18	280	16	270	20	270	31
	02	11	15	08	140	17	140	06	110	10	170	15	240	20										
	02	17	13	20	180	04	160	07	150	05	230	06	250	19	260	27	260	43						
	03	11	00	00	140	27	130	10	190	02	220	10	260	12	250	23	260	23	250	15	270	17	270	32
	03	17	14	00	110	12	120	03	230	10	220	16	260	13	250	21	230	15	240	15				
	04	11	00	00	280	09	160	01	230	04	240	11	240	17	250	21	230	19	230	14	240	21	250	28
	04	17	00	00	090	12	060	06	120	14	180	11	240	14	240	19	250	19	230	19				
	05	11	00	00	120	28	130	13	180	05	230	12	230	22	250	30	260	45	260	44	270	47	270	46
	05	17	00	00	090	12	080	08	180	02	260	19	260	16	260	38								
	06	11	00	00	090	09	220	02	200	09	230	21	230	23	250	35								
	06	17	00	00	090	12	070	10	230	11	240	25	240	30	240	40	250	59	250	43	260	56	250	68
	07	11	00	00	090	19	100	13	180	05	180	10	240	13										
	07	17	00	00	090	11	130	07	190	38	190	15												
	08	11	00	00	090	12	100	13	100	07														
	08	17	00	00	090	19	130	26	100	08														
	09	11	00	00	090	11	150	10	100	07														
	09	17	00	00	090	12	130	16	100	08														
	10	11	00	00	090	12	130	16	100	08														
	10	17	00	00	090	12	130	16	100	08														
	11	11	00	00	090	12	130	16	100	08														
	11	17	00	00	090	12	130	16	100	08														
	12	11	00	00	090	12	130	16	100	08														
	12	17	00	00	090	12	130	16	100	08														
	13	11	00	00	090	12	130	16	100	08														
	13	17	00	00	090	12	130	16	100	08														
	14	11	00	00	090	12	130	16	100	08														
	14	17	00	00	090	12	130	16	100	08														
	15	11	00	00	090	12	130	16	100	08														
	15	17	00	00	090	12	130	16	100	08														
	16	11	00	00	090	12	130	16	100	08														
	16	17	00	00	090	12	130	16	100	08														
	17	11	00	00	090	12	130	16	100	08														
	17	17	00	00	090	12	130	16	100	08														
	18	11	00	00	090	12	130	16	100	08														
	18	17	00	00	090	12	130	16	100	08														
	19	11	00	00	090	12	130	16	100	08														
	19	17	00	00	090	12	130	16	100	08														
	20	11	00	00	090	12	130	16	100	08														
	20	17	00	00	090	12	130	16	100	08														
	21	11	00	00	090	12	130	16	100	08														
	21	17	00	00	090	12	130	16	100	08														
	22	11	00	00	090	12	130	16	100	08														
	22	17	00	00	090	12	130	16	100	08														
	23	11	00	00	090	12	130	16	100	08														
	23	17	00	00	090	12	130	16	100	08														

Results of Upper Wind Observations, Mawson 1954

MONTH	DAY	HOUR GMT	SURFACE °×10	SURFACE kt	1000 FEET °×10	1000 FEET kt	3000 FEET °×10	3000 FEET kt	5000 FEET °×10	5000 FEET kt	7000 FEET °×10	7000 FEET kt	10,000 FEET °×10	10,000 FEET kt	15,000 FEET °×10	15,000 FEET kt	20,000 FEET °×10	20,000 FEET kt	25,000 FEET °×10	25,000 FEET kt	30,000 FEET °×10	30,000 FEET kt	35,000 FEET °×10	35,000 FEET kt
Oct.	24	11	12	24	11	28	08	15			19	04	19	05	09	06	06	22						
	25	02	31	18	22	24	09	11	15	12	13	17	17	05	11	07								
	26	11	10	14	23	23	09	22	11	20	30	01	02	05	05	05	07	07	04	12	04	07	35	05
	27	10	00	00	04	04	12	08	11	03	30	06	32	05	01	06	01	10	06	05	29	12	28	23
	27	02	00	00	00	00	16	02	25	03	30	04	25	05	33	05	35	07	25	08	25	18	27	27
	28	11	00	00	13	00	13	05	30	03	25	07	24	10	27	16	25	36						
	28	02	00	00	30	00	12	09	25	03	28	12	27	12	27	22	28	27	28	40	28	47	28	44
	29	11	00	00	11	00	06	12	28	05														
	30	11	00	00	12	00	12	00			24	09	25	14	25	20	27	17						
	31	11	00	00	00	00	08	07	13	07	22	09	24	20	26	21	26	23	28	20				
	31	02	00	00	06	03	12	07	16	07	24	09							25	26	26	29	25	29
Nov.	01	01	14	05	11	09	08	02																
	01	02	00	00	26	05	11	03	22	07	22	11	22	18	23	26	23	46						
	02	02	01	21	12	18	11	18	18	13	20	27	23	24	25	50	22	70	22	98	22	99	23	87
	03	02	01	00	05	05	11	11	10	14	12	03	25	17										
	03	11	01	14	13	18	10	26			14	03	28	06										
	04	12	01	00	05	25	10	14																
	04	12	01	14	03	21	09	25	15	08	15	08	21	16	25	08								
	05	12	01	00	05	15	09	02	20	02	26	11	25	16	28	13	23	13	30	15	28	19	26	25
	05	12	01	13	03	08	08	11	27	08	29	02					27	18	26	31	25	44	26	43
	06	12	01	00	11	05	10	04	06	06	04	02	30	09	29	18								
	07	12	01	00	07	16	12	01	15	09	17	06	35	05										
	08	12	01	00	11	11	09	06	14	11	10	02	16	07										
	08	12	01	00	12	04	09	18	17	01	23	04	24	14	30	08	33	17						
	09	12	01	00	13	09	09	01	17	12	24	07	24	07	24	42	24	73	30	17	27	15	26	24
	10	12	01	00	13	08	09	21	12	11	12	14	27	20	28	27	28	84	25	93	25	93		
	11	12	01	00	13	07	09	22					28	14										
	12	12	01	00	13	06	09	03	20	05														
	13	12	01	00	13	05	09	02	22	07														
	14	12	01	00	13	05	09	02	18	06	24	08	24	08	21	31	20	31	20	32	20	31	21	30
	15	12	01	00	13	05	09	02	14	06	22	08	22	15	23	30	23	41	23	57	23	54	23	50
	16	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30	25	38	26	52	26	55	26	09
	17	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
	18	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
	19	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
	20	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
	21	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
	22	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
	23	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
	24	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
	25	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
	26	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
	27	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
	28	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
	29	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
	30	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
Dec.	01	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
	02	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
	03	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
	04	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
	05	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
	06	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
	07	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
	08	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
	09	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
	10	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
	11	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
	12	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
	13	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
	14	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
	15	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
	16	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
	17	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
	18	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
	19	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								
	20	12	01	00	13	05	09	02	11	06	21	08	22	15	27	30								

Results of Upper Wind Observations, Mawson 1954

MONTH	DAY	HOUR	SURFACE		1000 FEET		3000 FEET		5000 FEET		7000 FEET		10,000 FEET		[illegible] 000 FEET		20,000 FEET		25,000 FEET		30,000 FEET		35,000 FEET	
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt
Dec.	21	02	18	05	16	18	09	15	11	21	17	19	19	31	21	25	20	40	20	41	19	40	19	40
	21	14	15	04	19	05	14	14	16	23	14	35	14	24	21	30	22	37	23	36	25	32	24	36
	22	03	13	21	14	32	10	19	14	04														
	22	17	19	01	23	05	11	15	11	25	11	26	11	09	22	13	[illegible]	29	24	56	24	42	25	16
	23	03	10	13	10	19	09	17	10	23	12	22	12	12	22	10	--	12	24	50	24	40	24	14
	23	17	00	00	24	02	14	06	09	13	10	15												
	24	02	05	01	05	03	09	12	10	08	11	10												
	24	14	00	00	08	02	09	13	11	16	11	13	10	16	10	12	13	17	19	06	19	13	20	12
	25	02	12	14	11	15	07	10	11	16	15	17	11	09	10	08	15	06	19	15	20	23	21	16
	25	17	00	00	00	00	11	07																
	26	02	00	00	00	00	11	06	11	09	16	04												
	26	11	00	00	22	05	11	10	14	11	13	12	10	06										
	27	02	00	00	14	02	14	02	14	08	16	12	25	02										
	27	12	00	00	30	03	17	01	15	03	13	05	21	07	23	11	24	19	23	40	23	25	23	15
	28	02	34	02	15	03	20	02	25	06	21	07	22	06	26	13	26	19	27	27	29	33	27	21
	29	02	13	03	32	04	11	09	12	12	10	06	14	03	21	05	25	17	26	20	27	28	27	28
	29	16	31	01	32	04	09	09	11	17	12	14	12	10	14	06	20	08	26	06	24	05	27	05
	30	02	21	00	22	04	10	09	13	17	11	12	13	10	14	10	15	12	16	07	25	05	26	05
	30	11	14	18	12	17	10	09	11	19	10	18	10	18	11	17	11	13	11	15				
	31	02	00	00	07	05	10	21	11	47	11	31												
	31	16	10	15	10	22	11	42	11	48	11	37	12	35	10	45	09	42	09	43	09	45	09	36
			09	03	09	09	11	34																

Results of Upper Wind Observations, Mawson 1954

MONTH	DAY	HOUR	40,000 FEET		45,000 FEET		50,000 FEET		55,000 FEET		60,000 FEET													
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt
Apr.	07	09	26	35	27	38	27	41	27	55	28	43												
	08	09	25	48	26	44	27	46	27	49														
	10	09	26	46	28	58	28	56	29	52														
	11	09	27	40	27	41	28	48																
	13	09	28	40	27	33	27	43	27	42														
	21	09	29	37	29	41	29	42	29	44	29	50												
	23	10	26	38	26	38	27	42	27	40														
	26	09	27	38	26	40	28	56																
	28	09	23	56	23	56	23	61																
	29	09	25	49	25	51	25	53																
May	02	10	26	28	27	39	27	38																
	03	09	29	37	28	35	26	31																
	06	09	30	08	28	10																		
	08	09	19	35	20	27	21	15																
	10	09	28	49	28	51	28	54																
	11	09	27	36	27	38	27	40																
	12	09	29	35	30	59	29	58																
	14	09	29	60	28	56																		
Jun.	06	07	27	17																				
	07	06	33	33																				
	13	07	04	52																				
	24	07	25	39	26	46																		
Jul.	03	07	31	36	31	39																		
	09	07	28	41	28	42	29	55																
	10	07	27	25																				
	13	07	26	17																				
	14	07	25	36																				
	16	07	26	32	28	30	29	34	28	47	28	62												
	19	07	32	25	30	35																		
	23	07	25	20																				
	24	07	21	35	21	31	23	37																
	29	09	30	41	30	40	30	34	30	37	30	37												
Aug.	03	09	26	13																				
	04	09	25	18	26	26	25	36	24	70														
	05	09	26	21	27	32	27	44	27	50	27	55												
	11	09	29	19	29	25																		
	12	09	32	35	30	23	29	23	29	25														
	13	09	28	28																				
	15	09	26	37	26	46	26	63																
	18	09	25	63	23	64	25	56	25	70	25	75												
	19	09	25	87	24	90	24	98																
	23	09	28	45	26	58	28	63																
	24	09	28	39	28	53	28	57																
	25	09	29	42	28	41	29	42	29	50														
	27	09	26	32	26	37																		
	29	09	28	28	27	32	27	32																

Results of Upper Wind Observations, Mawson 1954

MONTH	DAY	HOUR	40,000 FEET		45,000 FEET		50,000 FEET		55,000 FEET		60,000 FEET											
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt
Sep.	05	09	26	43	27	45	28	58														
	14	12	27	39	28	45	28	56														
	15	11	26	18	27	30	24	39	21	35	20	36										
	16	11	27	38	27	44																
	17	11	27	32																		
	18	11	25	25	26	33	26	54	25	46	26	64										
	23	11	23	40	24	55	25	72	25	83												
	25	11	26	33	27	44	27	49														
	26	11	25	25	25	30																
	27	11	24	40																		
	28	11	25	47	26	46																
Oct.	01	11	27	48	27	66	28	85	28	94												
	02	11	27	42																		
	03	11	26	40	27	51	27	59														
	04	11	27	62	27	61	27	62														
	05	11	26	78	26	74	27	85														
	09	11	30	31	31	44	30	55	30	63	30	72										
	12	11	26	45	26	50																
	14	11	28	44																		
	21	11	29	30																		
	26	11	29	18	28	35																
	27	11	27	36	28	48																
	28	11	28	43	29	47	29	53														
	31	11	26	28	25	56																
Nov.	01	11	23	69	23	02	23	70														
	04	12	27	46																		
	07	11	25	31	24	37	24	44	25	40												
	13	12	21	31																		
	14	12	26	53	26	46																
	17	11	06	11	01	10	33	08	31	10												
	18	12	17	09	22	08	24	12	25	12												
	19	02	22	23	23	16	22	19														
	19	11	22	28	19	38	19	42														
	20	02	19	35	20	26	22	25														
	20	16	20	20																		
	21	12	19	15	20	25	24	26	24	34	24	32										
	22	02	24	17	24	22	23	30	24	34	24	40										
	23	11	34	12	32	13																
	24	11	01	15	02	12	04	12	04	06												
	25	13	06	12	06	16	04	16	04	18												
	28	15	27	02	23	05	19	05	13	06	32	10										
Dec.	02	11	04	23																		
	03	02	06	10	36	10	35	13	34	15	34	15										
	04	02	29	10	31	13																
	07	11	33	07	33	08	34	12	33	10												
	08	02	31	06	33	06	35	12	35	15	06	07										
	09	02	33	12	33	11	34	15	33	13	01	03										
	10	11	32	13	33	14	35	12														
	11	03	31	24	31	21	32	15	35	13												
	13	12	02	18	04	08	05	07														
	14	02	28	09	33	05	07	05	07	08												
	15	02	32	14	36	12	01	14	02	11												
	17	11	21	76	23	46																
	19	02	19	08	19	10	20	07	16	06	13	01										
	21	02	19	60																		
	21	12	24	28	21	25	21	12	26	06	16	06										
	22	17	24	15	24	12	21	14														
	23	03	23	13																		
	24	14	23	10	23	10	19	07														
	25	02	22	13	23	10	17	03	19	04												
	27	12	25	12	24	07																
	28	02	26	22	26	19	27	12														
	29	02	31	10	35	09	32	08	35	01												
	29	16	32	05																		
	30	02	30	05	02	01	33	04	31	05	35	04										
	31	16	09	24	08	15	07	13	04	07												