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METEOROLOGY

Mawson And Macquarie Island, 1955.

Prepared By

THE BUREAU OF METEOROLOGY, MELBOURNE.

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I N T R O D U C T I O N

1. This volume contains the meteorological observations, surface, radio sonde, radio wind and pilot balloon made at Macquarie Island and Mawson during 1955. 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 where there was no increment from the previous value.

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

J.V. Jefereys	-	Observer
M.J. Flutter	-	Observer
A. Bolza	-	Observer

The Mawson observations were made by the following:-

P.J.R. Shaw	-	Meteorologist
F.W. Elliott	-	Observer
L.N. Fox	-	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:-

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 - hours and tenths

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 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 maintained during the year at Mawson, daily totals being listed against date.

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 Mawson 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 made twice daily at Mawson and four per day at Macquarie Island. 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.

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: $\frac{1}{3}$ 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	) shallow fog at the station, whether on land or sea, not deeper than about 2 metres on land or 10 metres at sea.
12	More or less continuous	)
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	) within sight during the past hour.
19	Funnel Cloud(s)	)

20	Drizzle (not freezing)	Not falling as shower (s)	During preceding hour, but not at time of observation.
21	Rain (not freezing)		
22	Snow		
23	Rain and snow		
24	Freezing drizzle or freezing rain		
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)		

30	Slight or moderate	- has decreased during the preceding hour.
31	Duststorm or sandstorm	- no appreciable change during the preceding hour.
32		- has increased during the preceding hour.
33	Severe duststorm or	- has decreased during the preceding hour.
34	sandstorm	- no appreciable change during the preceding hour.
35		- 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 88	Shower(s) of soft or small hail with or without rain or rain and snow mixed	- slight - 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

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	992.8	44.8	40.9	47.6	41.3	50	36	385	26	20
Feb	999.0	44.0	40.9	46.5	40.6	49	35	351	26	19
Mar	995.6	42.4	39.6	45.0	38.8	48	32	502	29	19
Apr	1005.8	40.7	38.4	43.4	38.1	47	30	254	26	16
May	997.3	39.9	37.4	42.6	36.9	47	30	351	26	18
June	1004.7	36.8	32.6	40.0	33.1	45	24	216	23	17
July	1007.3	38.3	35.9	40.8	34.9	44	26	229	25	15
Aug	1001.9	38.1	36.1	40.8	34.9	45	26	243	23	11
Sept	999.9	37.9	35.3	41.3	33.1	45	22	369	27	19
Oct	996.3	40.4	38.5	43.0	37.3	47	32	429	31	17
Nov	989.0	40.4	38.2	44.0	36.1	50	26	419	30	14
Dec	1007.7	42.9	39.9	46.2	39.4	51	35	272	21	17
Year	999.8	40.5	37.8	43.4	37.0	51	22	4020	313	17

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	984.7	31.5	17.6	35.7	27.3	41	19			15
Feb	987.2	19.0	2.0	25.8	13.7	32	6			18
Mar	989.6	9.8	-1.1	16.7	4.7	27	-13			19
Apr	992.7	5.9	-3.4	11.4	1.0	23	-10			20
May	987.9	6.6	-5.1	11.9	2.0	28	-11	Not		30
June	984.1	-0.7	-11.1	5.0	-5.1	17	-17	Recorded		24
July	986.9	-0.1	-8.1	5.2	-4.0	15	-22			30
Aug	1000.1	4.3	-7.0	9.9	-1.3	21	-15			21
Sept	978.4	2.0	-6.8	7.0	-3.2	18	-17			23
Oct	987.0	11.7	4.0	17.2	6.5	31	-11			25
Nov	989.7	25.9	15.5	30.4	21.1	40	10			27
Dec	992.4	32.6	20.0	37.4	27.7	41	21			19
Year	988.4	12.4	1.4	17.8	7.5	41	-22	-	-	22

FREQUENCY ANALYSES MACQUARIE ISLAND, 1955

Station Level Pressure

Upper Limit Range - mb	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
965	000	000	000	000	000	000	002	000	000	000	000	000	0002
970	001	001	000	000	000	000	003	000	002	000	002	000	0009
975	008	003	000	000	000	003	005	000	005	000	018	000	0042
980	024	009	012	000	008	009	006	010	020	007	047	000	0152
985	070	023	038	000	022	019	017	022	043	011	081	007	0353
990	092	047	074	003	052	033	028	035	063	049	119	021	0616
995	133	087	121	025	101	050	043	068	095	113	175	044	1055
1000	184	120	160	070	160	066	064	095	119	174	217	070	1499
1005	228	153	207	112	198	100	098	126	159	209	233	087	1910
1010	247	176	236	165	231	149	131	187	180	243	240	119	2304
1015	248	211	245	199	239	206	166	236	200	248	240	178	2616
1020	248	224	248	225	245	226	205	245	216	248	240	221	2791
1025	248	224	248	240	248	235	230	248	228	248	240	237	2874
1030	248	224	248	240	248	240	246	248	240	248	240	246	2916
1035	248	224	248	240	248	240	248	248	240	248	240	248	2920

Maximum Temperature

Upper Limit Range - °F	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
33	00	00	00	00	00	00	01	01	01	00	00	00	003
34	00	00	00	00	01	00	01	01	01	00	00	00	004
35	00	00	00	00	02	00	03	02	01	00	02	00	010
36	00	00	00	00	02	03	05	02	01	00	02	00	015
37	00	00	00	01	04	07	05	03	02	00	02	00	024
38	00	00	00	02	04	09	05	04	03	00	02	00	029
39	00	00	00	03	05	14	06	06	05	00	02	00	041
40	00	00	00	05	09	16	08	12	10	03	02	00	065
41	00	00	02	06	12	21	13	18	14	07	05	00	098
42	00	00	02	10	14	25	23	22	21	09	08	02	136
43	01	01	06	13	16	27	29	28	21	18	12	04	176
44	01	03	14	18	19	29	31	29	28	24	14	05	215
45	04	08	17	23	28	30	31	30	29	30	19	11	260
46	09	11	24	28	30	30	31	30	30	30	25	18	296
47	13	20	28	30	31	30	31	30	30	31	27	22	323
48	20	27	31	30	31	30	31	31	30	31	29	28	349
49	30	28	31	30	31	30	31	31	30	31	29	28	360
50	31	28	31	30	31	30	31	31	30	31	30	30	364
51	31	28	31	30	31	30	31	31	30	31	30	31	365

Minimum Temperature

Upper Limit Range - °F.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
22	00	00	00	00	00	00	00	00	02	00	00	00	002
24	00	00	00	00	00	01	00	00	02	00	00	00	003
26	00	00	00	00	00	01	02	01	03	00	02	00	009
28	00	00	00	00	00	02	04	01	03	00	02	00	012
29	00	00	00	00	00	05	05	02	04	00	02	00	018
29	00	00	00	00	00	06	05	02	04	00	02	00	019
30	00	00	00	02	01	07	08	04	05	00	02	00	029
31	00	00	00	03	03	11	08	07	07	00	03	00	042
32	00	00	01	03	07	14	09	09	10	02	04	00	059
33	00	00	02	04	08	18	10	10	13	03	06	00	074
34	00	00	04	06	09	20	11	12	16	06	09	00	093
35	00	01	07	07	11	23	16	15	21	10	13	01	125
36	01	02	07	10	14	24	20	18	26	12	15	04	153
37	02	03	13	12	17	26	22	25	29	15	18	06	188
38	03	08	14	14	18	26	22	26	29	18	21	12	211
39	09	11	19	17	20	27	24	29	30	21	23	17	247
40	11	14	20	19	23	30	27	30	30	28	26	23	281
41	16	17	22	24	27	30	30	31	30	31	29	26	313
42	19	18	24	29	30	30	31	31	30	31	30	26	329
43	24	23	29	29	31	30	31	31	30	31	30	28	347
44	28	26	30	29	31	30	31	31	30	31	30	30	357
45	30	28	31	30	31	30	31	31	30	31	30	31	364
48	31	28	31	30	31	30	31	31	30	31	30	31	365

FREQUENCY ANALYSES MACQUARIE ISLAND. 1955

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
Jan.	36	01	00	00	00	00	00	00	00	00	00	00	00	00	00	00 00	001
	37	01	00	01	00	00	00	00	00	00	00	00	00	00	00	00 00	002
	38	01	00	02	00	00	00	00	00	00	00	00	00	00	00	00 00	003
	39	01	01	02	01	00	01	01	00	00	00	00	00	00	00	00 00	007
	40	01	02	06	02	04	01	01	00	01	00	00	00	00	00	00 00	018
	41	01	02	09	04	04	03	02	01	02	02	01	00	00	00	00 00	031
	42	02	02	09	04	05	06	02	02	03	02	01	02	00	00	00 00	040
	43	03	03	12	07	08	09	07	03	04	03	01	03	00	00	00 00	063
	44	06	06	12	10	12	14	09	06	05	05	01	04	00	00	00 00	090
	45	09	19	23	15	17	25	10	09	07	05	01	04	00	00	00 00	144
	46	14	29	26	18	24	28	13	11	08	05	02	04	00	00	00 00	182
	47	16	46	34	23	26	29	14	13	08	06	03	05	00	00	00 00	223
	48	19	48	38	24	27	31	16	19	08	06	03	05	00	00	00 00	244
	49	19	48	38	27	28	31	16	19	08	06	03	05	00	00	00 00	248
Feb.	37	00	00	01	00	00	00	00	00	00	00	00	00	00	00	00 00	001
	38	00	00	01	01	00	00	00	00	01	00	00	00	00	00	00 00	003
	39	00	00	01	01	00	00	00	01	01	00	01	00	00	00	00 00	005
	40	01	02	04	01	01	00	00	02	03	00	02	00	00	00	00 00	016
	41	02	04	05	01	01	02	02	02	03	01	04	01	00	00	00 00	028
	42	02	05	08	03	05	09	02	02	08	01	05	02	00	00	00 00	052
	43	05	10	13	05	08	20	04	07	08	02	05	02	00	00	00 00	089
	44	12	12	18	08	13	22	07	08	09	02	07	02	00	00	00 00	120
	45	26	22	24	10	15	25	09	09	10	02	07	03	00	00	00 00	162
	46	47	28	33	11	16	26	09	09	11	02	07	03	00	00	00 00	202
	47	54	30	37	13	20	27	09	09	11	02	07	03	00	00	00 00	222
	48	54	30	37	15	20	27	09	09	11	02	07	03	00	00	00 00	224
Mar.	32	01	00	00	00	00	00	00	00	00	00	00	00	00	00	00 00	001
	36	01	00	00	00	00	00	01	01	00	00	01	00	00	00	00 00	004
	37	02	01	00	01	00	01	02	01	00	00	01	00	00	00	00 00	009
	38	02	01	00	05	00	01	02	02	00	00	01	00	00	00	00 00	014
	39	03	02	03	06	06	02	08	02	02	00	01	00	00	00	00 00	035
	40	07	03	03	07	12	10	10	02	04	00	02	00	00	00	00 00	060
	41	10	05	08	13	14	11	14	02	08	01	02	00	00	00	00 00	088
	42	17	11	14	14	15	14	14	03	09	02	02	00	01	00	00 00	116
	43	33	15	19	15	17	19	15	05	09	02	02	00	01	00	00 00	152
	44	45	26	26	18	20	21	16	05	09	02	02	00	01	00	00 00	191
	45	50	35	30	22	24	22	16	05	09	02	02	00	01	00	00 00	218
	46	55	41	39	22	25	22	17	05	09	02	02	00	01	00	00 00	240
	47	55	43	41	23	26	23	18	05	09	02	02	00	01	00	00 00	248
Apr.	31	00	00	00	01	02	00	00	00	00	00	00	00	00	00	00 00	003
	32	00	00	01	02	02	00	01	00	00	00	00	00	00	00	00 00	006
	33	00	01	01	02	03	00	03	00	00	00	00	00	00	00	00 00	010
	34	00	02	01	02	03	00	05	00	00	01	00	00	00	00	00 00	014
	35	00	03	01	04	03	00	07	01	00	02	00	01	00	00	00 00	022
	36	00	04	02	04	04	00	09	01	00	02	00	01	01	00	00 00	028
	37	00	06	03	07	06	02	10	01	00	02	00	02	01	00	00 00	040
	38	01	07	05	08	12	05	10	02	01	02	00	02	02	00	00 00	057
	39	05	07	06	09	14	08	10	03	03	02	00	02	02	00	00 00	071
	40	05	09	10	10	17	11	12	03	05	02	00	02	02	00	00 00	088
	41	16	12	12	10	21	14	14	04	06	03	00	02	02	00	00 00	116
	42	34	16	16	13	21	18	16	04	06	03	00	02	02	00	00 00	151
	43	49	23	18	16	24	20	16	04	06	03	00	02	02	00	00 00	183
	44	70	26	19	16	24	21	16	04	06	03	00	02	02	00	00 00	209
	45	91	27	19	17	24	21	16	04	06	03	00	02	02	00	00 00	232
	46	97	29	19	17	24	21	16	04	06	03	00	02	02	00	00 00	240

FREQUENCY ANALYSES MACQUARIE ISLAND, 1955

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
May	32	00	00	00	00	00	00	03	02	00	01	00	00	01	00	00 00	007
	33	01	00	01	00	00	01	03	05	01	01	00	00	01	00	00 00	014
	34	02	00	02	00	01	02	05	06	01	01	02	00	01	00	00 00	023
	35	03	00	03	01	01	05	12	09	01	04	02	00	01	00	00 00	042
	36	03	03	03	04	01	07	14	10	01	05	02	01	01	00	00 00	055
	37	05	03	06	07	07	11	15	10	02	05	02	01	01	00	00 00	075
	38	11	05	06	08	10	14	17	11	02	05	02	01	01	00	00 00	093
	39	13	07	08	08	10	16	17	11	02	05	02	01	01	00	00 00	101
	40	18	13	16	10	11	17	17	11	02	05	02	01	01	00	00 00	124
	41	23	18	19	10	12	17	17	11	02	05	02	01	01	00	00 00	138
	42	33	26	24	11	12	18	17	11	02	05	02	01	01	00	00 00	163
	43	53	38	32	14	13	19	17	11	02	05	02	01	01	00	00 00	208
	44	69	41	38	14	14	20	17	11	02	05	02	01	01	00	00 00	235
	45	75	45	40	14	14	20	17	11	02	05	02	01	01	00	00 00	247
	46	76	45	40	14	14	20	17	11	02	05	02	01	01	00	00 00	248
Jun.	27	03	00	00	00	00	00	01	00	00	00	00	00	00	00	00 00	004
	29	04	00	00	01	00	00	01	00	00	00	00	01	00	00	00 00	007
	30	06	00	00	02	00	00	02	00	00	01	01	01	00	00	00 00	013
	31	06	00	00	02	00	00	04	00	00	01	01	01	00	00	00 00	015
	32	08	01	00	04	00	00	05	02	01	01	01	01	00	00	00 00	024
	33	11	04	01	06	01	00	07	02	01	01	01	01	00	00	00 00	036
	34	11	09	02	09	07	01	12	03	03	01	02	03	00	00	00 00	063
	35	11	11	04	18	12	02	15	04	08	05	03	05	01	00	01 00	100
	36	12	12	07	20	13	03	23	05	09	07	06	05	01	00	01 00	124
	37	13	14	09	22	13	04	24	05	09	07	07	07	02	00	01 00	137
	38	16	17	11	23	14	09	24	06	11	09	07	07	03	00	01 00	158
	39	17	20	14	27	16	12	25	06	12	10	07	08	03	00	01 00	178
	40	19	23	18	27	17	13	25	07	12	10	07	08	03	00	01 00	190
	41	24	30	28	28	17	15	25	07	12	10	07	08	03	00	01 00	215
	42	28	39	28	29	18	17	25	07	12	10	07	08	03	00	01 00	232
	43	28	40	31	30	18	17	25	07	12	10	07	08	03	00	01 00	237
	44	28	41	32	31	18	17	25	07	12	10	07	08	03	00	01 00	240
Jul	27	00	00	01	00	00	00	00	00	00	00	00	00	00	00	00 00	001
	28	00	00	02	01	01	00	00	00	00	00	00	00	00	00	00 00	004
	29	00	00	02	01	02	01	00	00	01	00	00	00	00	00	00 00	007
	30	01	00	02	01	03	02	03	02	01	01	00	00	00	00	00 00	016
	31	01	00	02	01	03	04	09	05	01	01	00	00	00	00	00 00	027
	32	01	00	02	02	06	05	09	05	01	01	00	00	00	00	00 00	032
	33	02	00	02	03	08	05	09	06	01	01	00	00	00	00	00 00	037
	34	02	01	04	04	08	05	09	06	01	02	00	00	00	00	00 00	042
	35	02	01	06	04	09	05	14	08	02	03	01	00	00	00	00 00	055
	36	03	01	10	05	10	05	15	08	03	04	01	00	00	00	00 00	065
	37	07	02	13	11	14	05	15	09	03	04	01	00	00	00	00 00	084
	38	11	05	13	16	17	06	16	10	04	04	01	00	00	00	00 00	103
	39	14	10	19	17	22	06	17	10	04	04	01	00	00	00	00 00	124
	40	31	19	22	17	24	07	18	10	04	04	01	00	00	00	00 00	157
	41	49	27	24	19	27	07	18	10	04	04	01	00	00	00	00 00	190
	42	77	34	29	19	29	07	18	10	04	04	01	00	00	00	00 00	232
	43	86	38	29	19	29	07	18	11	04	04	01	00	00	00	00 00	246
	44	87	38	29	19	29	07	18	11	04	05	01	00	00	00	00 00	248
Aug.	27	00	00	00	00	00	00	00	00	01	01	00	00	00	00	00 00	002
	28	00	00	00	00	00	01	00	01	01	01	00	00	00	00	00 00	004
	29	00	00	00	00	00	02	00	02	01	01	00	00	00	00	00 00	006
	30	00	00	00	00	00	02	00	02	01	02	00	00	00	00	00 00	007
	31	01	01	00	02	01	02	02	03	01	03	00	00	00	00	00 00	016
	32	01	01	00	03	02	02	05	04	01	03	00	00	00	00	00 00	022
	33	01	03	01	03	03	02	08	04	02	03	01	00	00	00	00 00	031
	34	02	05	01	03	03	03	10	04	02	04	01	00	00	00	00 00	038
	35	04	12	01	06	04	05	11	04	03	04	02	00	00	00	00 00	056
	36	11	17	01	07	06	05	12	04	03	04	02	00	00	00	00 00	072
	37	18	17	04	09	09	05	12	04	03	04	02	00	00	00	00 00	087
	38	28	18	06	11	13	09	12	04	03	04	02	00	00	00	00 00	110
	39	45	22	09	14	19	11	14	04	03	04	02	00	00	00	00 00	147
	40	68	27	11	16	20	11	15	05	03	04	02	00	00	00	00 00	182
	41	84	36	16	16	23	11	15	05	03	04	02	00	00	00	00 00	215
	42	95	41	16	16	23	11	15	05	03	04	02	00	00	00	00 00	231
	43	102	46	16	16	23	11	15	05	03	04	02	00	00	00	00 00	243
	44	103	47	18	16	24	11	15	05	03	04	02	00	00	00	00 00	248

FREQUENCY ANALYSES MACQUARIE ISLAND, 1955

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.	24	00	00	01	00	00	01	00	00	00	00	00	00	00	00	00 00	002
	25	00	00	01	00	00	01	00	00	00	00	00	00	01	00	00 00	003
	26	00	00	01	00	00	03	00	00	01	00	00	00	01	00	00 00	006
	28	00	00	01	01	00	03	00	00	01	00	00	00	01	00	00 00	007
	29	00	00	02	01	01	03	00	01	02	00	00	00	01	00	00 00	011
	30	00	00	02	01	01	04	00	01	02	02	00	01	01	00	00 00	015
	31	00	00	02	02	01	04	00	01	02	02	00	01	01	00	00 00	016
	32	00	00	02	03	01	04	00	01	02	02	00	01	01	00	00 00	017
	33	02	00	02	04	02	04	00	01	03	02	00	01	01	00	00 00	022
	34	02	02	03	06	03	04	01	03	03	03	01	01	01	00	00 00	033
	35	05	04	05	08	04	06	03	03	05	03	01	01	01	00	00 00	049
	36	10	08	07	12	05	07	06	04	08	05	01	01	01	00	00 00	075
	37	14	11	11	15	06	11	07	08	08	05	01	01	01	00	00 00	099
	38	21	15	11	17	06	11	09	09	09	05	01	01	01	00	00 00	116
	39	39	18	17	18	06	14	09	10	10	05	01	01	01	00	00 00	149
	40	46	26	21	18	08	15	09	10	10	05	01	01	01	00	00 00	171
	41	63	30	31	18	08	15	09	10	10	05	01	02	01	00	00 00	203
	42	76	35	32	18	11	15	09	10	11	05	01	02	01	00	00 00	226
	43	80	39	33	18	11	16	10	10	11	05	01	02	01	00	00 00	237
	44	82	39	33	18	11	16	10	10	11	05	01	02	01	00	00 00	239
	49	82	39	33	18	11	16	10	10	11	05	02	02	01	00	00 00	240
Oct.	34	00	00	00	01	00	01	00	00	00	00	00	00	00	00	00 00	002
	35	02	03	01	03	02	01	00	01	01	00	00	01	00	00	00 00	015
	36	04	03	02	04	02	02	00	01	01	00	00	01	00	00	00 00	020
	37	09	07	02	04	02	04	01	02	01	00	00	01	00	00	00 00	033
	38	11	08	03	04	03	07	03	03	03	00	00	01	00	00	00 00	046
	39	20	16	07	07	10	11	04	03	06	00	00	01	00	00	00 00	085
	40	33	20	11	07	13	14	05	04	07	00	00	01	00	00	00 00	115
	41	58	30	18	08	13	14	06	04	07	01	01	01	00	00	00 00	161
	42	84	42	19	10	14	15	06	05	07	01	01	01	00	00	00 00	205
	43	100	47	24	10	15	16	06	05	07	01	01	01	00	00	00 00	233
	44	104	47	25	10	15	19	06	05	07	01	01	01	00	00	00 00	241
	45	104	49	25	10	16	19	06	05	07	01	01	01	00	00	00 00	244
	46	106	50	26	10	16	19	06	05	07	01	01	01	00	00	00 00	248
Nov.	28	00	01	00	00	00	01	00	00	00	00	00	00	00	00	00 00	002
	29	00	01	00	01	00	01	01	00	00	01	00	00	00	00	00 00	005
	30	00	01	00	01	00	01	01	00	00	01	01	00	00	00	00 00	006
	31	02	01	00	01	00	01	01	02	00	01	01	00	00	00	00 00	010
	32	03	01	00	01	00	01	02	02	00	02	01	00	01	00	00 00	014
	33	04	01	00	01	00	01	02	03	00	02	03	00	01	00	00 00	018
	34	05	01	00	01	00	01	02	03	00	03	03	00	01	00	00 00	020
	35	06	05	00	01	00	01	02	04	00	03	03	00	01	00	00 00	026
	36	08	05	00	01	00	02	03	04	00	03	03	00	01	00	00 00	030
	37	11	07	02	01	01	05	04	04	00	03	03	00	01	00	00 00	042
	38	15	09	03	01	02	06	05	04	02	03	03	00	01	00	00 00	054
	39	21	14	07	02	03	09	05	05	02	03	03	00	01	00	00 00	075
	40	26	16	12	04	04	11	08	08	04	04	03	00	01	00	00 00	101
	41	36	18	14	08	05	11	09	08	07	05	04	00	01	00	00 00	126
	42	59	23	16	10	05	14	10	08	09	05	04	00	01	00	00 00	164
	43	80	26	19	10	05	15	11	08	09	05	04	00	01	00	00 00	193
	44	95	34	21	10	06	16	12	08	09	05	04	00	01	00	00 00	221
	45	99	40	23	10	07	17	12	08	09	05	04	00	01	00	00 00	235
	46	99	40	23	10	08	17	12	08	09	05	04	00	01	00	00 00	236
	47	100	40	24	10	08	17	12	08	09	05	04	00	01	00	00 00	238
	49	100	40	24	11	08	17	12	08	09	05	04	01	01	00	00 00	240
Dec.	37	01	01	01	00	00	00	00	00	00	00	00	00	00	00	00 00	003
	38	02	01	01	02	01	00	01	01	00	00	00	00	00	00	00 00	009
	39	03	02	01	04	03	03	03	03	01	00	00	00	00	00	00 00	023
	40	07	02	03	06	06	05	08	07	05	01	00	00	00	00	00 00	050
	41	09	03	09	08	07	07	11	09	10	03	00	00	00	00	00 00	076
	42	13	08	12	09	10	13	11	10	10	04	00	00	01	00	00 00	101
	43	25	14	12	10	12	17	15	13	11	06	01	00	01	00	00 00	137
	44	37	24	17	13	13	19	17	15	12	06	01	00	01	00	00 00	175
	45	47	30	26	15	20	20	18	18	12	06	01	00	01	00	00 00	214
	46	53	34	30	18	20	20	18	18	12	06	01	00	01	00	00 00	231
	47	58	36	32	23	20	20	18	18	12	06	01	00	01	00	00 00	245
	48	59	36	32	23	20	20	18	18	12	06	01	00	01	00	00 00	246
	49	61	36	32	23	20	20	18	18	12	06	01	00	01	00	00 00	248

FREQUENCY ANALYSES MACQUARIE ISLAND, 1955

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	01	04	04	00	00	00	009
	02 03 04	01	00	00	00	00	00	001
	05 06 07	02	00	00	00	00	00	002
	08 09 10	02	00	00	00	00	00	002
	11 12 13	01	00	00	00	00	00	001
	14 15 16	03	06	01	00	00	00	010
	17 18 19	02	01	00	00	00	00	003
	20 21 22	00	04	00	00	00	00	004
	23 24 25	01	02	04	01	00	00	008
	26 27 28	00	25	31	16	00	00	072
	29 30 31	02	35	51	12	01	00	101
	32 33 34	05	16	09	03	00	00	033
	No. of Calms 2	20	94	100	32	01	00	246

	Direction X 10^0	1-9	10-19	20-29	30-39	40-49	50	Total
Feb.	35 36 01	06	00	00	01	00	00	007
	02 03 04	00	00	00	00	00	00	000
	05 06 07	00	00	00	00	00	00	000
	08 09 10	02	00	00	00	00	00	002
	11 12 13	01	02	00	00	00	00	003
	14 15 16	00	02	02	00	00	00	004
	17 18 19	02	01	03	00	00	00	006
	20 21 22	01	05	01	00	00	00	007
	23 24 25	01	01	01	00	00	00	003
	26 27 28	02	24	41	06	01	00	074
	29 30 31	08	24	45	07	00	00	084
	32 33 34	10	08	08	04	00	00	030
	No. of Calms 4	33	68	101	18	01	00	220

	Direction X 10^0	1-9	10-19	20-29	30-39	40-49	50	Total
Mar.	35 36 01	04	00	01	00	00	00	005
	02 03 04	02	02	00	00	00	00	004
	05 06 07	00	00	00	00	00	00	000
	08 09 10	01	01	00	00	00	00	002
	11 12 13	00	01	01	01	01	00	004
	14 15 16	00	03	02	00	00	00	005
	17 18 19	01	01	00	00	00	00	002
	20 21 22	02	03	00	00	00	00	005
	23 24 25	02	04	02	00	00	00	008
	26 27 28	08	19	39	11	03	00	080
	29 30 31	15	26	46	05	01	00	093
	32 33 34	03	15	13	03	00	00	034
	No. of Calms 6	38	76	104	20	05	00	242

	Direction X 10^0	1-9	10-19	20-29	30-39	40-49	50	Total
Apr.	35 36 01	00	01	00	00	00	00	001
	02 03 04	00	00	00	00	00	00	000
	05 06 07	03	00	00	00	00	00	003
	08 09 10	00	00	00	00	00	00	000
	11 12 13	01	00	00	00	00	00	001
	14 15 16	00	01	00	00	00	00	001
	17 18 19	08	04	00	00	00	00	012
	20 21 22	06	02	00	00	00	00	008
	23 24 25	03	05	03	00	00	00	011
	26 27 28	14	23	26	04	00	00	067
	29 30 31	13	26	39	05	02	00	085
	32 33 34	05	16	15	02	00	00	038
	No. of Calms 13	53	78	83	11	02	00	227

FREQUENCY ANALYSES MACQUARIE ISLAND, 1955

Direction and Speed of Surface Wind

	Direction x 10°	1-9	10-19	20-29	30-39	40-49	50	Total
May	35 36 01	03	02	01	00	00	00	006
	02 03 04	00	00	00	00	00	00	000
	05 06 07	01	00	00	00	00	00	001
	08 09 10	01	00	00	00	00	00	001
	11 12 13	02	00	00	00	00	00	002
	14 15 16	01	03	07	07	00	00	018
	17 18 19	02	01	00	03	00	00	006
	20 21 22	05	00	00	00	00	00	005
	23 24 25	04	16	02	02	00	00	024
	26 27 28	06	29	34	02	00	00	071
	29 30 31	11	25	40	02	00	00	078
	32 33 34	08	05	14	04	00	00	031
	No. of Calms 5	44	81	98	20	00	00	243

	Direction x 10°	1-9	10-19	20-29	30-39	40-49	50	Total
Jun.	35 36 01	00	01	02	01	00	00	004
	02 03 04	00	00	00	00	00	00	000
	05 06 07	00	00	00	00	00	00	000
	08 09 10	00	00	00	00	00	00	000
	11 12 13	00	00	01	00	00	00	001
	14 15 16	02	03	05	00	00	00	010
	17 18 19	06	11	02	00	00	00	019
	20 21 22	08	06	00	00	00	00	014
	23 24 25	06	14	06	00	00	00	026
	26 27 28	07	49	36	05	03	01	101
	29 30 31	07	13	23	05	00	00	048
	32 33 34	06	05	05	00	00	00	010
	No. of Calms 7	37	102	80	11	03	01	233

	Direction x 10°	1-9	10-19	20-29	30-39	40-49	50	Total
Jul.	35 36 01	03	12	00	00	00	00	015
	02 03 04	00	00	00	00	00	00	000
	05 06 07	00	00	00	00	00	00	000
	08 09 10	00	00	00	00	00	00	000
	11 12 13	02	00	00	00	00	00	002
	14 15 16	15	04	00	00	00	00	019
	17 18 19	08	07	00	00	00	00	015
	20 21 22	02	02	00	00	00	00	004
	23 24 25	06	06	02	00	00	00	014
	26 27 28	06	22	18	00	00	00	046
	29 30 31	01	32	38	02	00	03	076
	32 33 34	05	25	14	03	00	00	047
	No. of Calms 10	49	110	72	05	00	03	238

	Direction x 10°	1-9	10-19	20-29	30-39	40-49	50	Total
Aug.	35 36 01	09	13	00	00	00	00	022
	02 03 04	07	00	00	00	00	00	007
	05 06 07	05	02	00	00	00	00	007
	08 09 10	14	16	00	00	00	00	030
	11 12 13	11	15	01	00	00	00	027
	14 15 16	11	20	04	00	00	00	035
	17 18 19	07	06	01	00	00	00	014
	20 21 22	01	03	00	01	00	00	005
	23 24 25	03	01	00	00	00	00	004
	26 27 28	06	11	09	00	00	00	026
	29 30 31	06	07	12	00	00	00	025
	32 33 34	15	10	03	03	00	00	031
		96	104	30	04	00	00	233

FREQUENCY ANALYSES MACQUARIE ISLAND, 1955

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	00	02	03	00	00	00	005
	02 03 04	00	00	00	00	00	00	000
	05 06 07	01	00	00	00	00	00	001
	08 09 10	00	00	00	00	00	00	000
	11 12 13	01	00	00	00	00	00	001
	14 15 16	04	02	03	00	00	00	009
	17 18 19	11	05	02	00	00	00	018
	20 21 22	03	00	00	00	00	00	003
	23 24 25	04	04	02	02	00	00	012
	26 27 28	05	26	24	12	01	00	068
	29 30 31	07	13	39	20	04	02	085
	32 33 34	06	16	05	02	03	00	032
	No. of Calms 6	42	68	78	36	08	02	234

	Direction x 10°	1-9	10-19	20-29	30-39	40-49	50	Total
Oct.	35 36 01	03	05	03	01	00	00	012
	02 03 04	07	00	00	00	00	00	007
	05 06 07	00	00	00	00	00	00	000
	08 09 10	02	00	00	00	00	00	002
	11 12 13	05	06	02	06	00	00	019
	14 15 16	10	04	02	07	00	00	023
	17 18 19	02	00	00	00	00	00	002
	20 21 22	01	00	00	00	00	00	001
	23 24 25	00	04	00	01	00	00	005
	26 27 28	02	17	24	04	00	00	047
	29 30 31	14	27	26	05	01	00	073
	32 33 34	04	29	13	02	00	00	048
	No. of Calms 9	50	92	70	26	01	00	239

	Direction x 10°	1-9	10-19	20-29	30-39	40-49	50	Total
Nov.	35 36 01	10	13	02	00	00	00	025
	02 03 04	03	02	00	00	00	00	005
	05 06 07	02	01	00	00	00	00	003
	08 09 10	02	00	00	00	00	00	002
	11 12 13	00	02	00	00	00	00	002
	14 15 16	06	08	04	00	00	00	018
	17 18 19	01	06	00	00	00	00	007
	20 21 22	04	02	00	00	00	00	006
	23 24 25	10	03	01	00	00	00	014
	26 27 28	04	30	11	05	00	00	050
	29 30 31	08	21	12	02	00	00	043
	32 33 34	16	30	16	02	00	00	064
	No. of Calms 1	67	118	46	09	00	00	239

	Direction x 10°	1-9	10-19	20-29	30-39	40-49	50	Total
Dec.	35 36 01	05	09	06	01	00	00	021
	02 03 04	03	00	00	00	00	00	003
	05 06 07	01	00	00	00	00	00	001
	08 09 10	03	00	00	00	00	00	003
	11 12 13	04	05	03	00	00	00	012
	14 15 16	01	02	02	00	00	00	005
	17 18 19	02	02	00	00	00	00	004
	20 21 22	02	01	00	00	00	00	003
	23 24 25	02	06	00	00	00	00	008
	26 27 28	05	29	30	07	00	00	071
	29 30 31	11	28	19	04	00	00	062
	32 33 34	12	23	13	04	00	00	052
	No. of Calms 3	52	105	73	16	00	00	245

FREQUENCY ANALYSES MACQUARIE ISLAND, 1955

Daily Amount of Precipitation

Range - points	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
Nil	05	02	02	04	05	07	06	08	03	00	00	10	052
001 - 004	04	08	03	13	08	10	08	14	10	11	09	11	109
005 - 009	06	05	05	02	05	06	11	03	03	05	06	02	059
010 - 019	09	05	12	06	06	05	02	01	06	09	10	00	071
020 - 029	03	05	04	03	04	01	03	02	04	02	01	05	037
030 - 039	04	02	03	02	02	00	01	02	03	02	02	03	026
040 - 049	00	01	01	00	01	01	00	00	01	00	01	00	006
050 - 059	00	00	00	00	00	00	00	01	00	02	00	00	003
060 - 069	00	00	01	00	00	00	00	00	00	00	00	00	001
070 - 079	00	00	00	00	00	00	00	00	00	00	01	00	001
	31	28	31	30	31	30	31	31	30	31	30	31	365

Speed of Maximum Gust of Wind

Upper Limit Range - Knots	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
10 - 19	01	01	00	01	00	00	00	00	01	01	00	01	006
20 - 29	08	03	04	04	00	01	00	03	06	02	00	07	038
30 - 39	25	16	13	10	09	10	05	13	14	12	05	17	149
40 - 49	28	22	18	19	13	25	16	23	20	17	12	25	238
50 - 59	29	26	22	26	23	27	22	29	24	18	22	27	295
60 - 69	31	28	28	29	27	29	24	30	24	23	26	30	329
70 - 79	31	28	28	30	29	30	27	31	25	26	29	31	345
80 - 89	31	28	28	30	29	30	29	31	26	27	29	31	349
90 - 99	31	28	28	30	29	30	30	31	26	27	29	31	350

FREQUENCY ANALYSES MACQUARIE ISLAND, 1955

Results of Radiosonde Observations,

Temperature at 850 mb.

Upper Limit Range -°C	Jsn	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
- 12	00	00	00	00	00	01	02	01	00	00	00	00	004
- 9	00	00	01	03	03	07	03	02	04	00	02	00	025
- 6	02	03	06	07	08	12	05	05	08	07	09	05	077
- 3	10	12	14	12	14	22	13	18	16	11	13	06	161
0	24	19	27	17	24	26	27	28	27	19	23	15	276
+ 3	31	25	29	23	27	30	29	31	29	26	29	22	331
+ 6	31	26	31	27	29	30	30	31	30	31	30	27	353
+ 9	31	27	31	27	29	30	30	31	30	31	30	29	356
+ 12	31	28	31	29	29	30	30	31	30	31	30	31	361

Temperature at 700 mb.

Upper Limit Range -°C	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
- 24	00	00	00	00	00	00	00	00	00	00	01	00	001
- 21	00	00	00	01	00	00	00	00	01	00	02	00	004
- 18	00	00	01	02	03	05	02	00	05	01	02	00	021
- 15	03	04	07	04	04	07	03	02	09	02	06	01	052
- 12	12	10	13	07	09	13	08	12	14	07	11	01	117
- 9	20	15	21	11	16	23	21	25	22	13	20	06	213
- 6	28	19	27	16	25	30	29	31	30	25	28	14	302
- 3	30	24	29	23	27	30	30	31	30	29	30	20	333
0	31	27	29	26	29	30	30	31	30	31	30	27	351
+ 3	31	28	31	27	29	30	30	31	30	31	30	30	358
+ 6	31	28	31	28	29	30	30	31	30	31	30	30	359

Temperature at 500 mb.

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
- 39	00	00	00	01	00	01	00	00	00	00	00	00	002
- 36	00	00	00	01	00	01	01	00	00	00	00	00	003
- 33	01	01	03	02	01	03	03	01	03	03	03	00	024
- 30	05	04	08	03	03	11	07	14	09	06	08	01	079
- 27	14	09	13	05	11	18	21	25	18	10	15	02	161
- 24	20	15	18	08	20	26	29	31	28	14	22	06	237
- 21	29	22	23	17	24	30	30	31	30	27	28	10	301
- 18	30	27	28	22	28	30	30	31	30	31	30	21	338
- 15	31	28	30	27	29	30	30	31	30	31	30	28	355
- 12	31	28	31	27	29	30	30	31	30	31	30	30	358

Temperature at 300 mb.

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
- 60	00	00	00	00	00	01	00	01	01	00	00	00	003
- 57	00	00	00	00	00	04	09	05	02	01	00	00	021
- 54	00	00	00	00	03	11	21	19	12	05	02	00	073
- 51	03	01	00	03	14	19	29	30	25	09	08	01	142
- 48	09	07	09	11	23	24	29	31	30	22	20	07	222
- 45	22	15	16	22	27	27	29	31	30	29	27	18	293
- 42	27	25	20	25	27	27	29	31	30	29	29	25	324
- 39	29	26	25	26	27	27	29	31	30	29	30	28	337
- 36	30	27	26	26	27	27	29	31	30	29	30	29	341

FREQUENCY ANALYSES MACQUARIE ISLAND, 1955

Temperature at 200 mb.

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
- 69	00	00	00	00	00	00	07	01	02	00	00	00	010
- 66	00	00	00	01	02	00	11	03	02	00	00	00	019
- 63	00	00	00	03	05	05	15	10	06	03	00	02	049
- 60	01	01	00	03	07	10	20	12	11	05	00	04	074
- 57	01	03	00	07	09	15	23	16	15	07	01	04	101
- 54	01	03	03	12	15	16	25	25	22	13	01	12	148
- 51	04	06	06	16	17	21	27	27	27	18	09	16	194
- 48	07	10	10	20	22	24	28	30	28	20	14	21	234
- 45	11	15	18	23	25	26	28	31	28	24	23	23	275
- 42	25	21	24	25	26	26	28	31	28	28	26	26	314
- 39	28	25	24	25	26	26	28	31	28	29	28	26	324
- 36	29	26	24	25	26	26	28	31	28	29	28	26	326

Temperature at 150 mb.

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
- 66	00	00	00	00	00	00	00	01	00	00	00	00	001
- 63	00	00	00	00	02	00	06	03	01	00	00	00	012
- 60	00	00	00	01	02	00	14	06	02	01	00	00	026
- 57	00	01	00	06	05	05	19	11	13	02	00	00	062
- 54	01	02	02	12	09	14	26	19	21	09	00	04	119
- 51	01	05	08	21	17	20	27	25	25	16	01	13	179
- 48	05	10	12	23	25	23	27	29	27	18	10	18	227
- 45	12	18	22	25	25	25	27	30	27	24	20	23	278
- 42	26	24	22	25	25	25	27	30	27	27	27	25	310
- 39	28	26	22	25	25	25	27	30	27	27	28	25	315
- 36	28	26	22	25	25	25	27	30	27	28	28	25	316

Temperature at 100 mb.

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
- 66	00	00	00	00	00	00	01	02	00	00	00	00	003
- 63	00	00	00	00	00	00	04	04	00	00	00	00	008
- 60	00	00	00	01	02	00	14	09	02	00	00	00	028
- 57	00	00	00	05	04	05	21	14	14	00	00	00	063
- 54	00	02	00	13	12	14	24	19	18	01	00	06	109
- 51	01	04	06	20	22	22	24	25	21	07	00	13	165
- 48	02	10	13	22	24	23	24	29	24	15	05	17	208
- 45	11	19	17	22	24	23	24	29	26	22	19	23	259
- 42	22	23	17	22	24	23	24	29	26	25	23	25	283
- 39	23	24	17	22	24	23	24	29	26	25	27	25	289
- 36	23	24	17	22	24	23	24	29	26	26	27	25	290

Temperature at Tropopause

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
- 72	00	00	00	00	01	00	03	01	00	00	00	00	005
- 69	00	00	00	00	01	00	08	02	01	00	00	00	012
- 66	00	00	00	01	01	05	14	07	05	03	00	00	036
- 63	00	00	00	03	05	14	17	11	09	05	00	03	067
- 60	01	02	00	07	11	16	23	19	14	10	01	05	109
- 57	02	05	03	14	14	18	24	24	20	14	07	09	154
- 54	04	08	07	18	18	19	25	28	27	19	12	20	205
- 51	11	13	11	19	23	22	27	28	27	22	16	22	241
- 48	17	17	17	23	24	23	27	30	27	25	23	25	278
- 45	23	23	22	23	25	26	27	30	27	28	25	26	305
- 42	28	26	24	24	25	26	27	30	27	28	27	26	318
- 39	30	26	25	25	25	26	27	30	27	28	28	27	324

FREQUENCY ANALYSES MACQUARIE ISLAND, 1955

Geopotential at 850 mb.

Upper Limit Range- gpDm														
110	00	00	00	00	00	01	00	00	00	00	00	00	00	001
115	02	01	01	00	02	03	00	01	04	00	06	00		020
120	09	03	07	00	02	03	01	02	05	02	12	01		047
125	13	07	12	01	09	05	03	06	10	08	18	04		096
130	18	13	17	07	15	06	06	11	15	18	23	07		156
135	28	17	25	11	22	11	10	16	19	25	28	08		220
140	31	21	28	20	27	22	18	25	22	31	30	14		289
145	31	25	31	24	29	27	21	30	26	31	30	20		325
150	31	28	31	28	29	29	27	31	28	31	30	27		350
155	31	28	31	29	29	30	29	31	30	31	30	31		360
160	31	28	31	29	29	30	30	31	30	31	30	31		361

Geopotential at 700 mb.

Upper Limit Range- gpDm														
255	00	00	00	00	00	01	00	00	00	00	00	00	00	001
260	00	00	00	00	00	02	00	00	02	00	00	00		004
265	01	01	00	00	02	03	00	00	05	00	07	00		019
270	06	02	06	01	04	03	00	01	06	01	12	01		043
275	11	06	11	02	10	03	03	05	10	07	15	02		085
280	18	11	18	07	12	07	07	11	14	13	22	05		145
285	24	16	21	08	19	12	09	14	17	21	27	07		195
290	30	20	26	14	24	19	14	25	21	28	30	13		264
295	31	21	30	19	27	26	20	28	26	30	30	13		301
300	31	26	31	24	29	28	26	31	27	31	30	18		332
305	31	28	31	27	29	30	27	31	29	31	30	24		348
310	31	28	31	28	29	30	30	31	30	31	30	30		359

Geopotential at 500 mb.

Upper Limit Range- gpDm														
500	00	00	00	00	00	02	00	00	01	00	00	00	00	003
505	00	00	00	00	00	02	00	00	01	00	01	00		004
510	00	00	00	01	01	03	00	00	04	00	05	00		014
515	00	00	04	01	03	03	00	01	06	01	08	00		027
520	05	04	07	02	05	03	03	02	07	04	12	01		055
525	09	07	13	05	08	05	06	05	12	05	15	02		092
530	16	13	16	06	13	09	07	10	16	12	18	03		139
535	22	14	19	07	15	14	09	16	16	14	23	05		174
540	26	17	22	08	19	18	13	25	20	22	29	07		226
545	29	19	27	14	24	24	18	29	22	26	30	12		274
550	31	22	28	16	25	27	26	30	26	30	30	14		305
555	31	23	31	21	29	30	26	31	29	31	30	14		326
560	31	25	31	23	29	30	28	31	30	31	30	17		336
565	31	27	31	25	29	30	30	31	30	31	30	25		350
570	31	28	31	27	29	30	30	31	30	31	30	30		358

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Geopotential at 300 mb.

Upper Limit Range- gpDm													
850	00	00	00	01	00	03	00	00	02	00	01	00	007
860	00	00	01	01	03	03	03	01	06	02	07	00	027
870	06	04	06	01	06	05	06	05	13	05	13	01	071
880	12	09	09	05	10	09	10	18	15	08	16	02	123
890	24	15	16	07	17	19	18	28	19	14	25	05	207
900	27	18	21	11	22	25	26	31	26	23	30	11	271
910	29	21	24	17	23	27	27	31	30	28	30	13	300
920	30	24	25	22	27	27	29	31	30	29	30	17	321
930	30	27	26	25	27	27	29	31	30	29	30	25	336
940	30	27	26	26	27	27	29	31	30	29	30	29	341

Geopotential at 200 mb.

Upper Limit Range- gpDm													
1090	00	00	00	00	00	00	00	00	01	00	00	00	001
1110	00	00	00	00	00	00	02	01	04	00	01	00	008
1120	00	00	00	01	01	03	05	04	10	02	04	00	030
1130	00	00	01	01	05	07	10	10	14	06	07	00	061
1140	03	02	03	02	12	16	20	24	16	08	13	01	120
1150	14	11	08	06	19	23	25	31	22	15	22	04	200
1160	25	16	19	12	22	26	28	31	28	26	28	08	269
1170	28	20	21	17	25	26	28	31	28	28	28	11	291
1180	29	22	23	22	26	26	28	31	28	29	28	16	308
1190	29	25	23	24	26	26	28	31	28	29	28	22	319
1200	29	26	24	25	26	26	28	31	28	29	28	26	326

Geopotential at 150 mb.

Upper Limit Range- gpDm													
1290	00	00	00	00	00	00	01	02	01	00	00	00	004
1300	00	00	00	00	00	00	03	04	08	02	02	00	019
1310	00	00	00	00	01	04	10	07	14	02	03	00	041
1320	00	00	00	01	09	13	21	19	16	05	07	00	091
1330	00	01	03	02	16	21	24	29	23	10	11	01	141
1340	10	08	08	10	22	25	27	30	26	16	24	04	210
1350	24	17	19	15	25	25	27	30	27	27	28	08	272
1360	28	21	21	21	25	25	27	30	27	28	28	11	292
1370	28	24	21	24	25	25	27	30	27	28	28	19	306
1380	28	26	21	25	25	25	27	30	27	28	28	24	314
1390	28	26	22	25	25	25	27	30	27	28	28	25	316

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Geopotential at 100 mb.

Upper Limit Range - gpDm														
1540	00	00	00	00	00	00	00	01	01	00	00	00	00	002
1550	00	00	00	00	00	00	02	04	05	00	00	00	00	011
1560	00	00	00	00	00	00	05	06	07	00	00	00	00	018
1570	00	00	00	00	01	03	18	10	12	02	02	00	00	048
1580	00	00	00	01	06	14	22	19	16	03	02	00	00	083
1590	00	00	01	02	16	19	24	27	24	05	08	00	00	126
1600	00	01	03	06	22	23	24	29	25	10	12	01	00	156
1610	10	05	12	14	24	23	24	29	25	19	23	05	00	213
1620	22	16	17	20	24	23	24	29	26	26	27	10	00	264
1630	23	22	17	22	24	23	24	29	26	26	27	21	00	284
1640	23	24	17	22	24	23	24	29	26	26	27	25	00	290

Geopotential of Tropopause

Upper Limit Range - gpDm														
650	00	00	00	01	00	00	00	00	00	00	00	00	00	001
700	00	00	00	01	01	00	00	00	00	00	00	00	00	002
750	03	01	01	02	01	02	01	00	00	01	02	00	00	014
800	10	06	07	03	02	04	02	00	00	03	05	01	00	043
850	15	09	07	03	05	04	03	01	02	05	09	01	00	064
900	19	11	07	05	07	04	06	06	04	08	13	01	00	091
950	24	16	12	07	09	07	07	11	06	13	15	02	00	129
1000	26	17	16	10	17	13	09	16	12	16	25	07	00	184
1050	28	20	20	12	18	21	13	24	22	18	26	11	00	233
1100	29	21	22	19	22	24	22	28	25	24	28	14	00	278
1150	29	24	24	22	24	26	25	30	27	28	28	19	00	306
1200	30	26	24	24	24	26	27	30	27	28	28	23	00	317
1250	30	26	25	25	25	26	27	30	27	28	28	24	00	321
1300	30	26	25	25	25	26	27	30	27	28	28	24	00	321
1350	30	26	25	25	25	26	27	30	27	28	28	24	00	321
1400	30	26	25	25	25	26	27	30	27	28	28	24	00	321
1450	30	26	25	25	25	26	27	30	27	28	28	24	00	321
1500	30	26	25	25	25	26	27	30	27	28	28	25	00	322
1550	30	26	25	25	25	26	27	30	27	28	28	26	00	323
1600	30	26	25	25	25	26	27	30	27	28	28	27	00	324

Pressure at Tropopause

Upper Limit Range - mb.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
150	00	00	00	00	00	00	00	00	00	00	00	03	003
200	01	01	01	02	01	00	02	00	00	00	00	07	015
250	04	08	07	13	08	14	19	14	17	12	04	18	138
300	14	16	18	22	20	22	24	29	25	21	19	26	256
350	26	22	21	22	24	23	26	30	27	26	25	27	299
400	30	26	25	24	24	26	27	30	27	28	28	27	322
450	30	26	25	25	25	26	27	30	27	28	28	27	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
940	000	000	000	000	000	000	000	000	003	000	000	000	0003
945	000	000	000	000	000	000	000	000	006	000	000	000	0006
950	000	000	000	000	000	000	000	000	009	000	000	000	0009
955	000	000	000	000	000	000	000	000	013	000	000	000	0013
960	000	000	000	000	000	000	000	000	020	003	001	000	0024
965	000	000	000	000	000	007	000	000	038	009	006	000	0060
970	000	003	000	000	000	016	012	000	059	021	013	000	0124
975	003	007	003	001	019	045	034	000	087	035	016	000	0250
980	029	013	022	009	042	096	060	000	119	075	028	004	0497
985	070	054	068	046	086	133	093	008	157	127	049	039	0930
990	139	093	135	098	144	174	127	019	191	164	101	105	1490
995	147	126	186	152	202	206	214	081	219	197	176	166	2072
1000	155	135	217	200	232	216	230	132	239	204	238	202	2400
1005	155	140	238	212	248	240	248	175	240	212	240	239	2587
1010	155	140	242	226	248	240	248	210	240	229	240	248	2666
1015	155	140	242	240	248	240	248	242	240	241	240	248	2724
1020	155	140	242	240	248	240	248	248	240	248	240	248	2737

Maximum Temperature

Upper Limit Range - °F.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
-10	00	00	00	00	00	00	01	00	00	00	00	00	001
-09	00	00	00	00	00	01	01	00	00	00	00	00	002
-08	00	00	00	00	00	01	03	00	00	00	00	00	004
-07	00	00	00	00	00	01	05	00	00	00	00	00	006
-06	00	00	00	00	00	02	06	01	00	00	00	00	009
-05	00	00	00	00	01	02	06	02	00	00	00	00	011
-04	00	00	00	00	01	02	08	02	00	00	00	00	013
-03	00	00	00	00	01	02	09	04	00	00	00	00	016
-02	00	00	01	00	01	02	09	04	02	00	00	00	019
-01	00	00	01	01	01	03	10	04	06	00	00	00	026
-00	00	00	01	01	03	04	10	04	07	01	00	00	031
+01	00	00	01	03	04	05	10	05	07	03	00	00	038
+02	00	00	01	03	04	07	10	06	08	03	00	00	042
+03	00	00	01	03	05	10	10	08	09	03	00	00	049
+04	00	00	01	04	05	10	10	09	14	04	00	00	057
+05	00	00	01	06	07	18	12	09	14	06	00	00	073
+06	00	00	01	06	08	21	12	11	15	07	00	00	081
+07	00	00	03	07	10	23	15	13	15	08	00	00	094
+08	00	00	03	09	11	24	17	14	17	08	00	00	103
+09	00	00	04	12	11	26	19	14	18	08	00	00	112
+10	00	00	05	13	13	26	20	15	22	09	00	00	123
+11	00	00	06	15	15	28	22	16	22	09	00	00	133
+12	00	00	07	16	15	28	25	16	23	10	00	00	140
+13	01	00	10	19	16	28	27	17	25	10	00	00	153
+14	01	00	14	21	18	29	28	20	25	10	00	00	166
+15	01	00	15	22	20	29	31	21	26	11	00	00	176
+16	01	00	15	23	20	29	31	23	26	13	00	00	181
+17	01	00	15	25	22	30	31	24	29	15	00	00	192
+18	01	00	17	27	24	30	31	26	30	15	00	00	201
+19	01	03	19	28	27	30	31	28	30	16	00	00	213
+20	01	03	21	28	29	30	31	29	30	17	00	00	219
+21	01	04	23	28	29	30	31	31	30	20	00	00	227
+22	01	06	24	29	29	30	31	31	30	21	00	00	232
+23	01	08	26	30	29	30	31	31	30	22	00	00	238
+24	01	09	26	30	30	30	31	31	30	23	03	00	244
+25	01	12	29	30	30	30	31	31	30	24	06	00	254
+26	01	14	29	30	30	30	31	31	30	25	07	00	258
+27	01	18	31	30	30	30	31	31	30	26	10	00	268
+28	01	20	31	30	31	30	31	31	30	26	11	00	272
+29	01	25	31	30	31	30	31	31	30	26	13	00	279
+30	02	25	31	30	31	30	31	31	30	29	13	00	283
+31	02	27	31	30	31	30	31	31	30	31	15	00	289
+32	04	28	31	30	31	30	31	31	30	31	19	01	297
+33	06	28	31	30	31	30	31	31	30	31	22	03	304
+34	10	28	31	30	31	30	31	31	30	31	24	04	311
+35	13	28	31	30	31	30	31	31	30	31	28	09	323
+36	16	28	31	30	31	30	31	31	30	31	29	11	329
+37	18	28	31	30	31	30	31	31	30	31	29	15	335
+38	20	28	31	30	31	30	31	31	30	31	29	19	341
+39	27	28	31	30	31	30	31	31	30	31	29	22	351
+40	29	28	31	30	31	30	31	31	30	31	30	27	359
+41	31	28	31	30	31	30	31	31	30	31	30	31	365

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Minimum Temperature

Upper Limit Range - °F.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
-22	00	00	00	00	00	00	01	00	00	00	00	00	001
-17	00	00	00	00	00	01	02	00	01	00	00	00	004
-16	00	00	00	00	00	02	02	00	02	00	00	00	006
-15	00	00	00	00	00	03	03	01	03	00	00	00	010
-14	00	00	00	00	00	03	07	01	03	00	00	00	014
-13	00	00	01	00	00	03	09	01	03	00	00	00	017
-12	00	00	01	00	00	03	10	03	03	00	00	00	020
-11	00	00	01	00	02	03	10	05	05	03	00	00	029
-10	00	00	01	01	02	03	10	06	07	03	00	00	033
-09	00	00	02	02	02	04	10	08	09	03	00	00	040
-08	00	00	02	03	02	04	10	10	12	05	00	00	048
-07	00	00	02	04	04	05	10	10	13	05	00	00	053
-06	00	00	02	06	05	10	13	12	14	05	00	00	067
-05	00	00	02	07	07	16	13	12	15	07	00	00	079
-04	00	00	03	09	09	20	15	13	17	07	00	00	093
-03	00	00	05	11	10	24	16	15	18	08	00	00	107
-02	00	00	09	12	11	27	18	16	18	08	00	00	119
-01	00	00	10	14	12	28	20	17	20	08	00	00	129
-00	00	00	10	17	13	28	21	17	20	08	00	00	134
+01	00	00	11	18	13	29	21	18	21	10	00	00	141
+02	00	00	12	19	14	29	21	19	21	11	00	00	146
+03	00	00	14	21	16	29	23	20	22	12	00	00	157
+04	00	00	17	21	19	29	25	22	24	13	00	00	170
+05	00	00	18	22	21	30	26	25	25	14	00	00	181
+06	00	03	19	22	22	30	28	27	25	15	00	00	191
+07	00	03	19	23	22	30	28	27	26	15	00	00	193
+08	00	06	19	24	24	30	28	27	27	16	00	00	201
+09	00	09	21	25	24	30	30	29	28	18	00	00	214
+10	00	13	22	25	28	30	31	29	28	18	01	00	225
+11	00	14	24	27	30	30	31	29	28	18	02	00	233
+12	00	15	27	28	30	30	31	29	28	18	02	00	238
+13	00	15	27	28	30	30	31	29	30	21	02	00	243
+14	00	16	28	30	31	30	31	29	30	21	03	00	249
+15	00	18	28	30	31	30	31	31	30	23	05	00	257
+16	00	19	28	30	31	30	31	31	30	24	07	00	261
+17	00	19	28	30	31	30	31	31	30	28	08	00	266
+18	00	20	31	30	31	30	31	31	30	28	09	00	271
+19	01	22	31	30	31	30	31	31	30	29	10	00	276
+20	01	22	31	30	31	30	31	31	30	30	11	00	278
+21	02	24	31	30	31	30	31	31	30	30	15	01	286
+22	05	25	31	30	31	30	31	31	30	31	16	04	295
+23	05	26	31	30	31	30	31	31	30	31	21	05	302
+24	05	26	31	30	31	30	31	31	30	31	21	06	303
+25	09	28	31	30	31	30	31	31	30	31	25	10	317
+26	11	28	31	30	31	30	31	31	30	31	26	12	322
+27	15	28	31	30	31	30	31	31	30	31	27	16	331
+28	20	28	31	30	31	30	31	31	30	31	29	18	340
+29	21	28	31	30	31	30	31	31	30	31	29	19	342
+30	26	28	31	30	31	30	31	31	30	31	29	22	350
+31	27	28	31	30	31	30	31	31	30	31	29	26	355
+32	29	28	31	30	31	30	31	31	30	31	30	29	361
+33	31	28	31	30	31	30	31	31	30	31	30	29	363
+34	31	28	31	30	31	30	31	31	30	31	30	30	364
+35	31	28	31	30	31	30	31	31	30	31	30	31	365

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Terrestrial Minimum Temperature

Upper Limit Range - °F.													
-25	00	00	00	00	00	00	01	00	00	00	00	00	001
-20	00	00	00	00	00	00	01	00	02	00	00	00	003
-19	00	00	00	00	00	01	02	00	02	00	00	00	005
-18	00	00	00	00	00	03	02	00	02	00	00	00	007
-17	00	00	00	00	00	03	03	00	03	00	00	00	009
-16	00	00	00	00	00	03	07	01	03	00	00	00	014
-15	00	00	01	00	00	03	10	02	04	00	00	00	020
-14	00	00	01	00	00	03	10	03	05	00	00	00	022
-13	00	00	01	00	00	03	10	04	05	01	00	00	024
-12	00	00	01	02	02	03	10	06	08	03	00	00	035
-11	00	00	01	02	03	04	10	07	09	03	00	00	039
-10	00	00	02	02	03	05	10	10	10	04	00	00	046
-09	00	00	02	05	03	08	10	11	12	06	00	00	057
-08	00	00	02	05	04	12	14	12	13	06	00	00	068
-07	00	00	02	07	06	16	14	13	14	06	00	00	078
-06	00	00	03	08	08	20	15	14	15	08	00	00	092
-05	00	00	07	10	09	25	16	15	17	08	00	00	107
-04	00	00	08	10	11	27	17	16	17	08	00	00	114
-03	00	00	09	12	11	28	18	18	17	08	00	00	121
-02	00	00	11	15	12	29	20	18	20	08	00	00	133
-01	00	00	12	19	13	29	21	18	20	10	00	00	142
-00	00	00	13	20	14	29	21	21	21	11	00	00	150
+01	00	00	17	20	14	29	21	23	21	14	00	00	159
+02	00	00	17	21	17	29	22	23	22	14	00	00	165
+03	00	02	18	21	20	29	26	25	25	14	00	00	180
+04	00	03	19	22	22	30	27	27	25	15	00	00	190
+06	00	06	19	24	22	30	28	27	26	15	00	00	197
+07	00	09	23	24	24	30	28	29	28	18	00	00	213
+08	00	13	24	25	24	30	30	29	28	18	01	00	222
+09	00	14	25	25	27	30	30	29	28	18	02	00	228
+10	00	15	29	27	29	30	31	29	28	18	02	00	238
+11	00	15	29	27	30	30	31	29	30	20	03	00	244
+12	00	16	29	28	30	30	31	29	30	21	03	00	247
+13	00	18	31	29	31	30	31	31	30	22	05	00	258
+14	00	19	31	30	31	30	31	31	30	23	07	00	263
+15	00	19	31	30	31	30	31	31	30	26	07	00	266
+16	00	20	31	30	31	30	31	31	30	27	08	00	269
+17	01	21	31	30	31	30	31	31	30	27	09	00	272
+18	01	22	31	30	31	30	31	31	30	30	10	00	277
+19	02	23	31	30	31	30	31	31	30	30	12	00	281
+20	03	24	31	30	31	30	31	31	30	31	15	03	290
+21	05	26	31	30	31	30	31	31	30	31	19	05	300
+22	05	26	31	30	31	30	31	31	30	31	21	05	302
+23	08	27	31	30	31	30	31	31	30	31	24	07	311
+24	10	28	31	30	31	30	31	31	30	31	25	12	320
+25	13	28	31	30	31	30	31	31	30	31	29	15	330
+26	19	28	31	30	31	30	31	31	30	31	29	18	339
+27	21	28	31	30	31	30	31	31	30	31	29	20	343
+28	23	28	31	30	31	30	31	31	30	31	29	23	348
+29	26	28	31	30	31	30	31	31	30	31	29	24	352
+30	29	28	31	30	31	30	31	31	30	31	30	28	360
+31	31	28	31	30	31	30	31	31	30	31	30	29	363
+33	31	28	31	30	31	30	31	31	30	31	30	31	365

FREQUENCY ANALYSES MAWSON, 1955 ,

Screen Temperature V Frost Point Depres-ion

		Frost Point Depression																
	°F.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	> 14	Total
Jan.	+20	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	01	001
	+22	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	02	002
	+23	00	01	00	00	00	00	00	00	00	00	00	00	00	00	01	04	006
	+24	00	01	00	00	00	00	00	00	00	00	00	00	00	00	01	05	007
	+25	00	01	00	00	00	00	00	00	00	00	00	00	00	00	03	06	010
	+26	00	01	00	00	00	00	00	00	00	00	00	00	01	00	03	14	019
	+27	00	01	00	00	00	00	00	00	00	00	00	00	01	01	03	18	024
	+28	01	01	00	00	00	00	00	00	00	01	00	01	02	03	05	22	036
	+29	01	01	00	00	02	01	01	00	00	01	00	01	05	04	06	24	047
	+30	01	01	00	00	02	01	01	00	00	01	00	01	05	06	10	30	059
	+31	01	01	00	00	03	01	01	00	00	02	00	01	08	10	13	35	076
	+32	01	01	00	00	03	01	01	00	00	02	02	01	08	10	14	42	086
	+33	01	01	00	00	03	01	01	00	00	02	06	01	08	13	15	51	103
	+34	01	01	00	00	03	02	01	01	00	03	07	02	12	13	16	56	118
	+35	01	01	00	00	03	02	01	01	00	03	09	03	13	14	17	61	129
	+36	01	01	00	00	03	02	01	02	00	03	09	04	16	15	17	64	138
	+37	01	01	00	00	03	02	01	03	00	03	11	04	16	15	19	67	146
	+38	01	01	00	00	03	02	01	03	00	03	11	04	16	16	19	72	152
	+39	01	01	00	00	03	02	01	03	00	03	11	04	16	16	20	74	155

Feb.	+06	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	01	001
	+07	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	03	003
	+08	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	04	004
	+09	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	07	007
	+10	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	16	016
	+11	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	22	022
	+12	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	29	029
	+13	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	35	035
	+14	00	00	00	00	00	00	00	00	00	00	00	00	00	00	01	38	039
	+15	00	00	00	00	00	00	00	00	00	00	00	00	00	00	01	43	044
	+16	00	00	00	00	00	00	00	00	00	00	00	00	01	00	01	52	054
	+17	00	00	00	00	00	00	00	00	00	00	00	00	01	00	01	56	058
	+18	00	00	00	01	00	00	00	00	00	00	00	00	01	00	01	60	063
	+19	00	00	00	01	00	00	00	00	00	00	00	00	02	00	01	67	071
	+20	00	00	00	01	00	01	00	00	00	00	00	00	02	00	01	71	076
	+21	00	00	00	01	00	01	00	00	00	00	01	00	02	00	02	77	084
	+22	00	00	00	01	00	01	01	00	00	00	01	00	02	00	03	82	091
	+23	00	00	00	01	00	01	01	01	00	00	01	01	02	00	03	89	100
	+24	00	00	00	01	00	01	01	01	01	01	02	01	02	00	04	95	110
	+25	00	00	00	01	00	01	01	01	01	01	02	02	02	00	05	100	117
	+26	00	00	00	01	00	01	01	01	02	01	02	02	02	00	06	104	123
	+27	00	00	00	01	00	01	01	01	02	01	02	03	02	01	06	111	132
	+28	00	00	00	01	00	01	01	01	02	01	03	03	02	01	07	112	135
	+29	00	00	00	01	00	01	01	01	02	01	03	03	02	01	08	113	137
	+30	00	00	00	01	00	01	01	01	02	01	03	03	02	01	08	114	138
	+31	00	00	00	01	00	01	01	01	02	01	03	03	02	02	08	115	140

FREQUENCY ANALYSES MAWSON, 1955

Screen Temperature V Frost Point Depres ion

		Frost Point Depression															
	°F.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14 ≥ 14	Total
Mar.	-13	00	00	00	00	00	00	00	00	00	00	01	00	00	00	00 00	001
	-11	00	00	00	00	00	00	00	00	00	01	01	00	00	00	00 00	002
	-10	00	00	00	00	00	00	00	00	00	02	01	00	00	00	00 00	003
	-09	00	00	00	00	00	00	00	00	00	04	01	00	00	00	00 00	005
	-06	00	00	00	00	00	00	00	00	02	04	01	00	00	00	00 00	007
	-05	00	00	00	00	00	00	00	00	02	04	03	00	00	00	00 00	009
	-04	00	00	00	00	00	00	00	00	02	05	03	00	00	00	00 00	010
	-03	00	00	00	00	00	00	00	00	02	06	03	00	00	00	00 01	012
	-02	00	00	00	00	00	00	00	00	02	06	03	01	00	00	00 01	013
	-01	00	00	00	00	00	02	00	00	03	06	03	01	00	01	00 02	018
	-00	00	00	00	00	00	02	00	00	03	08	04	03	01	01	01 02	025
	+01	00	00	00	01	00	02	00	00	06	08	08	04	01	01	01 02	034
	+02	00	00	00	01	01	04	00	00	07	08	09	04	02	02	01 02	041
	+03	00	00	00	01	01	06	00	02	08	08	09	06	02	04	01 03	051
	+04	00	00	00	01	01	06	00	02	08	08	11	09	05	04	01 03	059
	+05	00	00	00	01	01	06	00	02	09	09	13	09	09	06	03 05	073
	+06	00	00	00	01	01	06	02	02	10	10	14	11	10	08	03 05	083
	+07	00	00	00	01	01	06	02	02	10	10	15	13	11	08	03 05	087
	+08	00	00	00	01	01	06	02	02	10	11	15	15	11	08	03 06	091
	+09	00	00	00	01	01	07	02	02	11	13	16	16	14	13	03 06	105
	+10	00	00	00	01	01	07	02	02	11	13	16	17	19	13	04 11	117
	+11	00	00	00	01	01	07	02	02	12	14	16	17	22	14	07 15	130
	+12	00	00	00	02	01	07	02	02	12	15	18	19	22	17	08 21	146
	+13	00	00	00	03	01	07	02	02	12	15	20	19	22	17	09 24	153
	+14	00	00	00	03	01	07	02	02	12	16	20	20	23	17	09 30	162
	+15	00	00	01	04	01	07	03	02	12	18	22	21	24	17	12 30	174
	+16	00	00	01	05	02	07	03	02	13	20	23	22	24	17	12 32	183
	+17	00	00	01	05	02	09	05	02	14	22	23	23	24	19	12 34	195
	+18	00	00	01	05	03	09	05	02	14	23	24	24	24	20	12 35	201
	+19	00	00	01	05	03	09	06	03	14	24	24	25	24	22	12 35	207
	+20	00	00	02	05	04	09	06	04	14	26	26	27	27	22	13 36	221
	+21	00	00	02	05	04	09	06	04	14	27	29	27	27	23	13 36	226
	+22	00	00	02	05	04	09	06	04	14	29	30	27	27	23	14 36	230
	+23	00	00	03	05	04	09	06	05	14	32	30	28	27	23	14 37	237
	+24	00	01	03	05	04	09	06	05	15	32	30	28	27	23	14 37	239
	+25	00	01	03	05	04	09	06	05	16	32	30	28	27	23	14 37	240
	+26	00	01	03	06	04	09	06	05	16	32	31	28	27	23	14 37	242

Apr.	-08	00	00	00	00	00	00	01	02	00	01	00	00	00	00	00 00	004
	-07	00	00	00	00	00	00	02	02	01	01	00	02	00	00	00 00	008
	-06	00	00	00	00	00	00	02	02	01	01	03	03	00	00	00 00	012
	-05	00	00	00	00	00	00	03	02	01	02	04	03	01	00	00 01	017
	-04	00	00	00	00	00	00	03	03	02	03	04	03	02	00	00 01	021
	-03	00	00	00	00	00	01	03	04	02	03	04	08	02	00	00 01	028
	-02	00	00	00	00	00	01	05	04	03	03	06	09	04	02	01 01	039
	-01	00	00	00	00	01	01	05	04	03	04	07	11	05	03	01 01	046
	-00	00	00	00	00	02	02	05	06	03	07	07	12	05	04	01 01	055
	+01	00	01	00	00	02	02	05	06	03	08	08	13	05	05	01 02	061
	+02	00	01	00	01	02	02	06	06	04	08	09	16	06	06	04 02	073
	+03	00	03	03	01	03	02	07	07	04	09	10	18	07	08	04 03	089
	+04	00	04	03	01	04	03	08	08	04	10	11	21	07	11	04 04	103
	+05	00	04	04	02	04	04	10	09	06	13	12	21	08	13	04 04	118
	+06	00	04	04	03	04	04	11	09	09	13	12	24	08	14	05 04	128
	+07	00	04	04	03	05	05	12	11	11	13	13	27	11	17	05 04	145
	+08	00	04	04	04	05	05	12	11	12	13	13	28	15	18	05 04	153
	+09	00	04	04	04	05	06	12	11	12	13	14	28	17	19	05 04	158
	+10	00	04	04	04	05	06	12	11	12	13	15	30	19	20	06 04	165
	+11	00	04	04	06	08	06	12	11	13	13	15	35	22	22	06 04	181
	+12	00	04	04	08	08	08	13	11	13	14	16	35	22	24	06 04	190
	+13	01	04	04	08	09	11	13	12	15	14	17	36	23	24	07 04	202
	+14	01	04	05	08	10	11	14	13	17	14	20	37	23	25	07 05	214
	+15	01	04	05	08	10	11	14	14	17	14	20	39	25	25	07 05	219
	+16	01	04	05	08	10	11	14	14	17	14	21	39	27	25	08 05	223
	+17	01	04	05	08	10	11	14	14	17	15	24	42	27	25	08 05	230
	+18	01	04	05	08	10	11	14	14	17	15	24	42	28	25	08 05	231
	+19	01	04	05	08	10	11	14	14	17	15	24	42	29	25	08 05	232
	+20	01	04	05	08	10	11	14	14	17	15	24	42	29	26	09 05	234
	+21	01	04	05	08	10	11	14	14	17	15	25	43	29	26	11 06	239
	+22	01	04	05	08	10	11	14	14	17	16	25	43	29	26	11 06	240

FREQUENCY ANALYSES MAWSON, 1955

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	-10	00	00	00	00	00	00	00	00	00	00	00	00	00	01	00 01	002
	-09	00	00	00	00	00	00	00	00	00	00	00	00	01	01	01 01	004
	-08	00	00	00	00	00	00	00	00	00	00	00	01	02	02	01 01	007
	-07	00	00	00	00	00	00	00	00	00	00	00	01	02	02	03 01	009
	-06	00	00	00	00	00	00	00	00	00	00	01	01	02	02	04 01	011
	-05	00	00	00	00	00	00	00	00	00	00	01	01	05	07	05 05	024
	-04	00	00	00	00	00	00	00	00	00	00	01	02	05	09	06 05	028
	-03	00	00	00	00	00	00	00	00	00	01	01	04	06	13	06 06	037
	-02	00	00	00	00	00	00	01	01	01	01	01	04	06	13	06 07	041
	-01	00	00	00	00	00	02	02	01	04	01	02	04	08	13	07 08	052
	-00	00	00	00	00	01	03	02	02	04	02	02	04	09	15	07 09	060
	+01	00	00	00	00	02	04	02	02	05	02	03	06	10	18	08 09	071
	+02	00	00	00	00	02	05	02	04	06	02	03	07	11	18	08 09	077
	+03	00	00	00	00	02	05	02	04	06	03	04	09	11	20	08 10	084
	+04	00	00	00	00	02	07	03	04	06	03	04	10	12	20	09 10	090
	+05	00	00	01	00	02	08	04	04	06	05	06	10	13	24	09 13	105
	+06	00	00	01	00	02	08	05	04	06	05	06	12	14	25	11 15	114
	+07	00	00	01	00	02	08	05	04	08	05	08	13	16	26	13 16	125
	+08	00	00	01	00	02	10	05	04	08	05	09	14	19	29	13 18	137
	+09	00	00	01	00	02	10	05	04	08	07	09	14	21	31	13 22	147
	+10	00	00	01	00	02	10	06	04	08	07	10	14	23	31	15 23	154
	+11	00	00	01	00	02	11	06	05	08	07	10	17	24	32	15 32	170
	+12	00	00	01	00	02	11	06	05	08	07	10	17	25	34	16 35	177
	+13	00	03	01	00	02	11	06	05	10	09	11	18	25	36	16 37	190
	+14	00	03	03	01	02	11	07	05	10	09	13	18	25	36	17 40	200
	+15	00	03	05	01	02	12	08	05	10	10	13	20	25	36	17 41	208
	+16	00	03	05	01	02	13	09	05	11	10	14	21	25	36	17 43	215
	+17	00	03	05	01	02	13	09	06	11	10	14	21	26	36	17 45	219
	+18	00	03	05	01	02	13	09	06	11	10	14	21	26	36	17 51	225
	+19	00	03	05	01	02	14	09	06	11	10	14	21	26	36	17 53	228
	+21	00	03	05	01	02	14	09	06	11	11	14	21	26	37	17 54	231
	+22	00	03	05	01	02	14	09	07	11	12	14	21	26	37	18 55	235
	+23	00	03	05	01	02	14	09	07	11	12	14	22	26	37	18 55	236
	+27	00	03	05	01	02	14	09	07	11	12	14	23	26	37	18 55	237

Jun.	-15	00	00	00	00	00	00	00	00	00	02	00	01	00	00	00 00	003
	-14	00	00	00	00	00	00	00	00	01	03	00	01	00	00	00 00	005
	-13	00	00	00	00	00	00	00	00	02	06	00	02	00	00	00 00	010
	-11	00	00	00	00	00	00	00	00	02	06	02	02	00	00	00 00	012
	-10	00	00	00	00	00	00	01	00	02	07	02	02	00	00	00 00	014
	-09	00	00	00	00	00	00	01	00	02	08	03	02	01	00	00 00	017
	-08	00	00	00	00	00	00	01	00	02	09	03	02	01	00	00 00	018
	-07	00	00	00	00	00	00	01	00	02	09	04	02	01	00	00 00	019
	-06	00	00	00	00	00	00	01	00	02	09	09	03	01	00	00 00	025
	-05	00	00	00	00	00	00	02	00	02	09	09	10	05	00	00 00	037
	-04	00	00	00	00	00	00	02	02	03	11	09	11	11	01	00 00	050
	-03	00	00	00	00	00	00	02	03	05	15	13	20	14	03	00 00	075
	-02	00	00	00	00	01	00	03	05	06	19	20	21	15	07	00 00	097
	-01	00	00	00	00	01	00	03	05	08	25	30	26	24	07	01 00	130
	-00	00	00	00	00	02	02	03	06	11	27	35	34	24	08	02 00	154
	+01	00	00	00	01	03	03	04	06	12	29	41	38	25	12	02 00	176
	+02	00	00	00	01	03	04	04	07	16	30	49	39	28	13	02 01	197
	+03	00	00	00	01	03	05	04	07	18	32	49	41	28	16	02 02	208
	+04	00	00	00	01	03	07	04	07	18	32	49	41	28	17	03 02	212
	+05	00	00	00	01	03	07	04	07	18	32	50	42	28	17	05 05	219
	+06	00	00	00	01	03	07	04	07	21	32	52	43	28	17	05 08	228
	+08	00	00	00	01	03	07	04	07	21	32	52	43	28	18	05 09	230
	+09	00	00	00	01	03	07	04	07	21	33	52	43	28	18	05 11	233
	+10	00	00	00	01	03	08	04	07	21	33	52	43	28	18	05 12	235
	+11	00	00	00	01	03	08	06	07	21	33	52	43	28	18	05 12	237
	+13	00	00	00	01	03	08	06	07	21	34	52	43	28	18	05 12	238
	+14	00	00	00	01	03	08	06	07	21	34	53	43	28	18	05 13	240

FREQUENCY ANALYSES MAWSON, 1955

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.	-21	00	00	00	00	00	01	00	00	00	00	00	00	00	00	00	00	001
	-20	00	00	00	00	00	01	01	00	00	00	00	00	00	00	00	00	002
	-19	00	00	00	00	00	01	01	01	00	00	00	00	00	00	00	00	003
	-18	00	00	00	00	00	01	01	02	00	00	00	00	00	00	00	00	004
	-17	00	00	00	00	00	01	01	02	02	00	01	00	00	00	00	00	007
	-15	00	00	00	00	00	01	01	02	02	01	01	02	00	00	00	00	010
	-14	00	00	00	00	00	01	01	02	03	01	04	02	01	00	00	00	015
	-13	00	00	00	00	00	01	01	02	03	01	05	13	01	01	00	00	028
	-12	00	00	00	00	00	01	01	02	03	03	05	16	01	02	00	00	034
	-11	00	00	00	00	00	01	01	03	04	04	08	16	01	02	00	00	040
	-10	00	00	00	00	00	01	01	03	04	06	08	19	01	04	00	00	047
	-09	00	00	00	00	00	01	01	04	04	14	10	19	05	04	01	00	063
	-08	00	00	00	00	00	01	01	04	05	14	11	20	06	05	01	00	068
	-07	00	00	00	00	00	01	01	04	05	14	11	21	07	06	02	00	073
	-06	00	00	00	00	00	01	01	04	05	14	14	21	07	06	02	00	076
	-05	00	00	00	00	00	01	01	04	05	14	14	24	07	06	02	01	080
	-04	00	00	00	00	00	01	01	04	05	16	14	25	12	06	02	01	088
	-03	00	00	00	00	00	01	01	04	05	17	15	27	13	08	02	01	095
	-02	00	00	00	00	00	01	01	04	06	19	16	27	13	08	02	01	099
	-01	00	00	00	01	00	01	02	06	07	20	18	27	16	09	02	01	111
	-00	00	01	00	01	00	01	02	07	08	20	19	27	16	09	02	01	115
	+01	00	04	00	02	00	01	03	10	09	20	20	27	16	10	02	01	126
	+02	00	05	00	02	00	01	03	10	09	21	20	27	16	10	02	01	128
	+03	02	05	00	02	01	01	03	10	10	21	20	27	17	10	02	01	133
	+04	03	05	00	02	01	01	03	10	10	22	20	29	18	10	02	01	138
	+05	05	08	02	02	01	02	05	10	10	22	20	29	20	10	04	01	152
	+06	05	10	02	02	01	04	07	11	11	24	22	30	20	10	04	01	165
	+07	05	11	04	02	02	04	07	16	11	24	23	32	20	11	04	01	178
	+08	06	12	05	03	02	04	09	16	13	27	24	34	21	11	04	01	193
	+09	06	13	05	03	02	05	10	16	14	28	26	34	22	11	04	01	201
	+10	06	20	05	04	02	05	10	16	14	29	29	37	22	11	04	02	217
	+11	06	27	05	04	02	05	10	17	14	31	29	42	24	11	04	02	234
	+12	06	32	05	04	02	05	10	17	14	31	29	43	25	11	06	02	243
	+13	06	33	05	04	02	06	10	17	14	31	29	44	25	11	07	02	247
	+14	06	33	05	04	02	06	10	17	14	31	29	44	25	11	07	03	248
Aug.	-14	00	00	00	00	00	00	00	00	03	00	00	00	00	00	00	00	003
	-13	00	00	00	00	00	00	00	00	04	00	00	00	00	00	00	00	004
	-12	00	00	00	00	00	00	00	01	04	01	00	00	00	00	00	00	006
	-11	00	00	00	00	00	00	00	03	04	02	00	00	00	00	00	00	009
	-10	00	00	00	00	00	00	00	04	05	03	01	01	00	00	00	00	014
	-09	00	00	00	00	00	00	00	05	05	05	01	01	01	00	00	00	018
	-08	00	00	00	00	00	00	00	05	07	05	01	07	01	00	00	01	027
	-07	00	00	00	00	00	00	01	05	08	06	02	09	01	01	00	01	034
	-06	00	00	00	00	00	00	01	06	08	07	04	09	02	03	00	04	044
	-05	00	00	00	00	00	01	01	07	08	08	07	10	05	03	00	04	054
	-04	00	00	00	00	00	01	01	08	09	09	07	10	05	04	00	05	059
	-03	00	00	00	00	00	01	01	08	09	11	07	10	07	05	00	08	067
	-02	00	00	00	00	01	01	01	08	10	11	07	10	07	06	01	08	071
	-01	00	00	00	00	01	01	01	08	11	11	11	10	08	06	03	08	079
	-00	00	00	00	00	03	01	01	11	12	11	11	10	08	07	03	09	087
	+01	00	00	00	00	04	01	01	11	14	11	12	10	08	08	03	10	093
	+02	00	01	00	00	04	01	01	12	14	11	12	10	10	08	04	10	098
	+03	00	01	01	01	04	02	01	12	14	14	12	12	11	09	04	10	108
	+04	00	01	01	01	06	02	01	12	15	15	12	12	14	10	04	11	117
	+05	00	01	01	01	06	02	02	14	15	16	13	13	16	11	07	11	129
	+06	00	01	01	01	06	02	02	14	15	16	16	13	18	11	07	13	136
	+07	00	01	01	01	06	03	02	14	16	16	16	13	19	11	08	16	143
	+08	00	01	01	01	06	03	02	15	17	17	16	15	21	14	09	19	157
	+09	00	01	01	02	06	03	03	15	17	17	16	15	23	15	09	19	162
	+10	00	01	01	02	06	03	03	17	17	17	16	17	25	15	12	24	176
	+11	00	01	01	02	07	03	03	18	17	19	16	20	28	16	16	29	196
	+12	00	01	01	02	07	03	03	19	17	19	16	20	29	17	19	29	202
	+13	00	01	01	02	07	03	03	19	18	19	18	21	30	17	19	29	207
	+14	00	01	01	02	07	03	03	19	19	19	18	22	30	18	20	33	215
	+15	00	01	01	02	07	03	03	19	19	20	18	23	31	18	23	35	223
	+16	00	01	01	02	07	03	04	19	19	21	18	23	31	18	25	38	230
	+17	00	01	01	02	07	03	04	19	20	21	19	24	31	20	25	38	235
	+18	00	01	01	02	07	03	04	19	21	21	19	24	33	21	25	39	240
	+19	00	01	01	02	07	03	04	19	21	21	19	24	33	21	25	40	241
	+20	00	01	01	02	07	03	04	19	21	21	19	24	33	22	28	42	247
	+22	00	01	01	02	07	03	04	19	21	21	19	24	33	23	28	42	248

FREQUENCY ANALYSES MAWSON, 1955

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
Sep.	-14	00	00	01	00	00	00	00	00	00	00	00	00	00	00	00	00	001
	-13	00	00	01	00	00	00	00	01	02	00	01	00	00	00	00	00	005
	-12	00	00	02	00	00	00	00	01	02	01	01	00	00	00	00	00	007
	-11	00	00	02	01	00	00	00	01	02	01	02	00	00	00	00	00	009
	-10	00	00	02	01	01	01	00	02	03	02	02	01	00	00	00	00	015
	-09	00	00	02	01	01	02	00	02	04	02	02	04	00	00	00	00	020
	-08	00	00	02	01	01	02	00	03	04	02	02	07	01	00	00	00	025
	-07	00	00	02	01	02	02	00	03	06	03	02	10	02	00	01	00	034
	-06	00	00	03	01	02	03	00	03	09	04	02	10	03	01	01	00	042
	-05	00	00	04	02	04	03	00	03	09	06	05	12	06	01	01	00	056
	-04	00	00	04	02	04	03	01	04	10	07	05	12	07	03	04	00	066
	-03	00	01	04	02	04	03	01	05	12	08	06	13	09	06	04	01	079
	-02	00	02	04	02	04	03	01	05	12	08	09	13	11	07	04	01	086
	-01	00	02	04	02	04	03	01	06	12	08	10	15	18	11	06	01	103
	-00	00	02	04	02	04	03	01	08	12	09	11	15	21	13	06	02	113
	+01	00	03	04	02	04	03	02	08	14	09	11	18	21	14	06	02	121
	+02	00	04	04	02	04	03	02	09	14	12	13	18	21	15	08	02	131
	+03	00	05	04	02	05	04	03	09	14	14	13	18	22	16	08	04	141
	+04	00	05	04	02	05	04	03	09	14	14	14	18	22	16	08	05	143
	+05	00	05	07	02	05	04	03	09	14	14	17	18	22	16	08	06	150
	+06	00	05	07	02	05	04	03	09	14	14	19	19	22	18	08	07	156
	+07	00	05	08	03	05	04	03	09	15	15	20	21	22	19	08	07	164
	+08	00	06	10	03	05	04	03	10	15	17	20	22	25	19	08	10	177
	+09	00	07	13	03	05	05	04	11	15	18	21	22	25	19	08	13	189
	+10	00	11	13	03	06	05	04	11	16	19	22	22	25	19	08	14	198
	+11	00	12	13	03	06	05	04	11	16	21	22	22	25	19	08	14	201
	+12	00	15	13	03	07	05	04	12	17	21	22	22	25	19	08	15	208
	+13	00	19	13	03	07	06	04	12	18	22	24	23	25	19	08	15	218
	+14	01	21	13	03	07	06	05	13	19	23	25	23	25	19	08	15	226
	+15	01	22	13	04	07	07	05	14	19	23	26	23	25	19	08	15	231
	+16	01	22	13	04	07	07	05	14	19	24	27	23	25	20	08	15	234
	+17	01	22	13	04	07	07	05	14	19	25	28	24	25	22	08	16	240
Oct.	-11	00	00	00	00	00	00	00	01	00	00	00	00	00	00	00	00	001
	-10	00	00	00	00	00	00	00	01	00	01	00	00	00	00	00	00	002
	-09	00	00	00	00	00	00	00	01	00	03	00	00	00	00	00	00	004
	-08	00	00	00	00	00	00	00	02	02	03	00	01	00	00	00	00	008
	-07	00	00	00	00	00	00	00	02	02	04	00	03	00	00	00	00	011
	-06	00	00	00	00	00	00	00	04	02	04	03	03	00	00	00	00	016
	-05	00	00	00	01	00	00	00	04	02	04	03	04	00	00	00	00	018
	-04	00	00	00	01	00	00	00	04	03	05	03	04	01	00	00	00	021
	-03	00	00	00	01	00	00	00	06	04	05	04	04	03	01	00	00	028
	-02	00	00	01	03	01	00	00	06	06	07	04	05	03	02	00	00	038
	-01	00	00	02	03	01	00	00	07	06	08	04	06	03	02	00	00	042
	+00	00	00	02	03	02	00	00	07	06	08	04	07	03	02	00	00	044
	+01	01	00	02	03	02	00	00	08	07	08	05	08	03	02	00	00	049
	+02	01	00	02	03	02	00	01	08	07	09	05	08	03	02	00	00	051
	+03	02	02	03	03	03	01	01	08	07	09	05	08	04	02	00	00	058
	+04	02	02	05	03	05	01	01	08	08	09	05	08	04	02	00	00	063
	+05	02	03	06	04	05	01	04	08	08	09	06	08	04	02	00	00	070
	+06	02	03	06	07	05	02	05	10	08	09	06	08	04	02	00	00	077
	+07	02	03	06	09	06	02	06	12	09	09	06	08	04	02	00	00	084
	+08	02	04	06	09	08	02	06	12	10	09	06	08	04	02	00	00	088
	+09	02	04	06	09	08	02	06	14	10	09	06	08	05	03	00	00	092
	+10	02	05	07	09	09	02	06	14	11	09	07	08	05	03	00	00	097
	+11	02	05	09	09	09	02	07	14	11	09	08	10	06	03	00	01	105
	+12	02	06	09	09	09	03	07	14	11	09	08	10	06	03	00	01	107
	+13	02	06	09	10	09	04	10	14	12	10	09	10	08	03	00	01	117
	+14	06	07	09	11	09	04	12	14	12	11	10	10	09	04	00	01	129
	+15	07	07	09	12	09	05	13	16	12	11	10	12	09	04	00	01	137
	+16	08	07	10	13	12	05	15	18	12	11	12	12	10	06	01	01	153
	+17	08	07	11	13	13	07	15	18	12	13	13	12	10	07	01	02	162
	+18	08	08	12	13	14	09	15	18	12	15	14	13	10	07	01	03	172
	+19	09	09	14	13	14	09	16	19	13	16	14	13	11	08	01	04	183
	+20	10	12	14	13	14	10	16	20	13	16	16	13	11	09	01	05	193
	+21	10	13	14	14	15	10	18	21	13	17	16	14	13	09	02	07	206
	+22	10	13	14	14	15	10	18	21	13	18	16	17	13	09	02	07	210
	+23	11	13	14	14	15	10	18	21	13	18	17	18	13	11	02	07	215
	+24	11	14	14	14	15	10	19	21	13	18	17	19	13	13	02	11	224
	+25	11	14	15	15	15	10	20	21	13	19	17	19	16	14	02	12	233
	+26	11	14	15	15	15	10	20	21	13	19	17	21	17	14	06	13	240
	+27	11	14	15	15	15	10	20	21	13	19	18	22	17	14	06	13	243
	+28	11	14	15	15	15	10	20	21	13	19	18	22	17	15	06	14	245
	+29	11	14	15	15	15	10	20	21	13	19	18	22	17	15	08	15	248

FREQUENCY ANALYSES MAWSON, 1955

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
Nov.	+11	00	00	00	00	00	00	00	00	00	02	00	00	00	00	00	002
	+12	00	00	00	00	00	00	00	00	00	02	00	01	00	00	00	003
	+13	00	00	00	00	00	00	00	00	00	02	01	01	00	00	00	004
	+15	00	00	00	00	00	00	00	00	00	02	01	02	00	00	00	005
	+17	00	00	00	00	00	00	00	00	02	03	02	02	00	04	00 01	014
	+18	00	00	00	00	00	00	00	00	02	03	03	02	01	04	00 02	017
	+19	00	00	00	00	00	00	00	00	02	04	04	03	02	04	00 05	024
	+20	00	00	00	00	00	00	00	00	02	04	04	03	04	04	00 06	027
	+21	01	01	00	00	01	00	00	01	02	05	04	06	05	05	00 06	037
	+22	02	02	01	00	02	01	00	02	02	07	06	07	06	09	01 07	055
	+23	02	03	01	05	03	04	01	04	02	08	07	10	08	12	02 11	083
	+24	02	04	01	05	04	06	01	04	02	09	08	10	10	15	04 13	098
	+25	03	05	01	07	04	07	02	04	04	09	08	10	13	16	07 14	114
	+26	03	07	01	08	04	07	02	04	04	09	09	11	16	17	11 15	128
	+27	04	07	01	08	06	07	03	04	04	09	09	13	16	23	13 18	145
	+28	04	07	03	08	08	07	05	05	04	12	09	14	16	24	14 20	160
	+29	04	07	03	08	09	09	06	09	04	14	09	15	16	25	17 24	179
	+30	04	07	03	08	09	09	06	10	04	15	09	15	18	26	17 25	185
	+31	04	07	03	08	09	09	06	10	05	15	11	17	19	29	17 30	199
	+32	04	07	03	08	09	11	09	10	08	18	13	19	20	34	17 32	222
	+33	04	07	03	08	09	11	09	10	09	18	13	20	21	34	17 34	227
	+34	04	07	03	08	09	11	09	10	09	18	15	21	22	34	18 35	233
	+35	04	07	03	08	09	11	09	10	09	18	15	21	23	34	18 37	236
	+36	04	07	03	08	09	11	09	10	09	18	15	21	23	34	18 38	237
	+37	04	07	03	08	09	11	09	10	09	18	15	21	23	34	19 38	238
	+38	04	07	03	08	09	11	09	10	09	18	15	21	24	34	20 38	240
Dec.	+22	00	00	00	00	00	00	00	00	00	00	00	01	00	01	00 00	002
	+23	00	00	00	00	00	00	00	00	00	00	00	01	01	02	01 00	005
	+24	00	01	00	00	00	00	00	00	00	00	01	01	01	03	01 00	008
	+25	00	01	00	00	00	00	00	00	00	00	03	01	01	04	02 00	012
	+26	00	01	00	00	01	00	01	00	00	00	03	01	02	05	06 00	020
	+27	00	01	00	00	02	00	03	02	00	00	03	02	03	08	06 00	030
	+28	00	01	00	00	02	00	05	03	01	00	04	03	03	08	08 05	043
	+29	00	01	00	00	03	00	05	03	01	01	05	03	05	08	13 08	056
	+30	00	01	00	01	03	01	05	03	02	02	05	03	06	10	15 10	067
	+31	00	01	00	01	03	02	05	04	02	02	09	10	07	13	15 14	088
	+32	00	01	00	01	03	02	05	05	03	05	09	11	08	18	17 21	109
	+33	00	01	00	02	03	02	06	05	04	06	11	15	11	19	21 33	139
	+34	00	01	00	02	03	02	06	05	04	06	13	15	13	21	27 35	153
	+35	00	01	00	02	03	04	07	05	04	07	14	15	19	27	29 46	183
	+36	00	01	01	02	03	05	07	05	05	07	16	15	19	27	32 52	197
	+37	00	01	01	02	03	05	07	05	05	07	18	16	20	30	33 59	212
	+38	00	01	01	02	03	05	07	06	05	07	19	18	23	31	39 63	230
	+39	00	01	01	02	03	05	07	07	05	08	19	20	23	32	42 68	243
	+40	00	01	01	02	03	05	07	07	05	08	20	20	23	32	42 69	245
	+41	00	01	01	02	03	05	07	07	05	08	20	20	24	33	42 70	248

FREQUENCY ANALYSES MAWSON, 1955

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	00	00	00	00	00	00	000
	02 03 04	01	00	00	00	00	00	001
	05 06 07	07	00	00	00	00	00	007
	08 09 10	11	12	03	00	00	00	026
	11 12 13	06	47	25	07	00	00	085
	14 15 16	02	07	06	04	00	00	019
	17 18 19	01	00	00	00	00	00	001
	20 21 22	03	00	00	00	00	00	003
	23 24 25	01	00	00	00	00	00	001
	26 27 28	00	00	00	00	00	00	000
	29 30 31	00	00	00	00	00	00	000
	32 33 34	01	00	00	00	00	00	001
	No. of Calms 11	33	66	34	11	00	00	144

	Direction x 10°	1-9	10-19	20-29	30-39	40-49	50	Total
Feb.	35 36 01	00	00	00	00	00	00	000
	02 03 04	02	00	00	00	00	00	002
	05 06 07	06	01	00	00	00	00	007
	08 09 10	07	06	02	00	00	00	015
	11 12 13	04	20	13	07	04	00	048
	14 15 16	04	24	28	05	00	00	061
	17 18 19	00	00	00	00	00	00	000
	20 21 22	02	00	00	00	00	00	002
	23 24 25	01	00	00	00	00	00	001
	26 27 28	01	00	00	00	00	00	001
	29 30 31	01	00	00	00	00	00	001
	32 33 34	00	00	00	00	00	00	000
	No. of Calms 2	28	51	43	12	04	00	138

	Direction x 10°	1-9	10-19	20-29	30-39	40-49	50	Total
Mar.	35 36 01	01	00	00	00	00	00	001
	02 03 04	02	01	00	00	00	00	003
	05 06 07	07	04	00	00	00	00	011
	08 09 10	06	20	03	02	01	00	032
	11 12 13	12	45	50	15	04	00	126
	14 15 16	07	21	18	06	03	00	055
	17 18 19	02	01	01	00	00	00	004
	20 21 22	01	01	00	00	00	00	002
	23 24 25	01	00	00	00	00	00	001
	26 27 28	00	00	00	00	00	00	000
	29 30 31	01	00	00	00	00	00	001
	32 33 34	00	00	00	00	00	00	000
	No. of Calms 6	40	93	72	23	08	00	236

	Direction x 10°	1-9	10-19	20-29	30-39	40-49	50	Total
Apr.	35 36 01	00	00	00	00	00	00	000
	02 03 04	01	00	01	00	00	00	002
	05 06 07	04	01	01	00	00	00	006
	08 09 10	13	04	02	00	00	00	019
	11 12 13	06	34	43	35	11	00	129
	14 15 16	10	11	08	10	06	00	045
	17 18 19	14	00	01	00	00	00	015
	20 21 22	07	00	00	00	00	00	007
	23 24 25	00	01	00	00	00	00	001
	26 27 28	01	00	00	00	00	00	001
	29 30 31	01	00	00	00	00	00	001
	32 33 34	01	00	00	00	00	00	001
	No. of Calms 13	58	51	56	45	17	00	227

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	Direction x 10°	1-9	10-19	20-29	30-39	40-49	50	Total
May	35 36 01	00	00	00	00	00	00	000
	02 03 04	00	00	00	00	00	00	000
	05 06 07	01	00	01	00	00	00	002
	08 09 10	00	01	01	00	00	00	002
	11 12 13	00	11	47	33	22	19	132
	14 15 16	01	16	53	22	03	01	096
	17 18 19	02	01	06	02	00	00	011
	20 21 22	00	02	01	00	00	00	003
	23 24 25	00	02	00	00	00	00	002
	26 27 28	00	00	00	00	00	00	000
	29 30 31	00	00	00	00	00	00	000
	32 33 34	00	00	00	00	00	00	000
	No. of Calms 0	04	34	109	57	25	20	248

	Direction x 10°	1-9	10-19	20-29	30-39	40-49	50	Total
Jun.	35 36 01	00	01	00	00	00	00	001
	02 03 04	00	02	00	00	00	00	002
	05 06 07	00	00	00	00	00	00	000
	08 09 10	04	04	02	00	00	00	010
	11 12 13	01	14	49	19	03	00	086
	14 15 16	01	29	57	27	08	03	125
	17 18 19	02	03	02	00	00	00	007
	20 21 22	00	01	01	00	00	00	002
	23 24 25	00	00	00	00	00	00	000
	26 27 28	01	00	00	00	00	00	001
	29 30 31	00	00	00	00	00	00	000
	32 33 34	00	00	00	00	00	00	000
	No. of Calms 6	09	55	111	46	11	03	234

	Direction x 10°	1-9	10-19	20-29	30-39	40-49	50	Total
Jul.	35 36 01	00	00	00	00	00	00	000
	02 03 04	02	00	01	00	00	00	003
	05 06 07	00	01	00	00	00	00	001
	08 09 10	03	02	00	04	00	00	009
	11 12 13	01	07	52	28	24	29	141
	14 15 16	01	12	39	14	02	08	076
	17 18 19	01	03	00	00	00	00	004
	20 21 22	00	00	00	00	00	00	000
	23 24 25	02	01	00	00	00	00	003
	26 27 28	00	00	00	00	00	00	000
	29 30 31	00	01	00	00	00	00	001
	32 33 34	00	00	00	00	00	00	000
	No. of Calms 10	10	27	92	46	26	37	238

	Direction x 10°	1-9	10-19	20-29	30-39	40-49	50	Total
Aug	35 36 01	02	00	00	00	00	00	002
	02 03 04	01	01	00	00	00	00	002
	05 06 07	02	02	01	00	00	00	005
	08 09 10	10	13	09	01	00	00	033
	11 12 13	02	16	48	32	06	01	105
	14 15 16	05	12	31	15	01	00	064
	17 18 19	05	02	01	01	00	00	009
	20 21 22	05	02	01	00	00	00	008
	23 24 25	02	01	00	00	00	00	003
	26 27 28	01	01	00	00	00	00	002
	29 30 31	01	00	00	00	00	00	001
	32 33 34	00	00	00	00	00	00	000
	No. of Calms 14	36	50	91	49	07	01	234

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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	01	00	00	00	00	00	001
	02 03 04	02	01	00	00	00	00	003
	05 06 07	03	01	00	00	00	00	004
	08 09 10	05	04	00	00	00	00	009
	11 12 13	03	23	53	15	15	22	131
	14 15 16	04	25	22	00	02	01	054
	17 18 19	05	02	01	00	00	00	008
	20 21 22	01	03	01	00	00	00	005
	23 24 25	06	01	00	00	00	00	007
	26 27 28	01	00	00	00	00	00	001
	29 30 31	01	00	00	00	00	00	001
	32 33 34	01	00	00	00	00	00	001
	No. of Calms 15	33	60	77	15	17	23	225

	Direction x 10°	1-9	10-19	20-29	30-39	40-49	50	Total
Oct.	35 36 01	00	00	00	00	00	00	000
	02 03 04	03	02	00	00	00	00	005
	05 06 07	03	01	02	00	00	00	006
	08 09 10	08	05	06	01	00	00	020
	11 12 13	04	18	37	25	21	26	131
	14 15 16	04	10	07	09	09	03	042
	17 18 19	06	00	01	00	00	00	007
	20 21 22	02	01	00	00	00	00	003
	23 24 25	07	01	00	00	00	00	008
	26 27 28	09	01	00	00	00	00	010
	29 30 31	03	00	00	00	00	00	003
	32 33 34	04	00	00	00	00	00	004
	No. of Calms 9	53	39	53	35	30	29	239

	Direction x 10°	1-9	10-19	20-29	30-39	40-49	50	Total
Nov.	35 36 01	00	00	00	00	00	00	000
	02 03 04	03	01	00	00	00	00	004
	05 06 07	03	03	02	00	00	00	008
	08 09 10	05	16	14	09	03	00	047
	11 12 13	04	22	45	57	24	05	157
	14 15 16	03	08	03	01	00	00	015
	17 18 19	00	00	02	01	00	00	003
	20 21 22	01	00	00	00	00	00	001
	23 24 25	03	00	00	00	00	00	003
	26 27 28	02	00	00	00	00	00	002
	29 30 31	00	00	00	00	00	00	000
	32 33 34	00	00	00	00	00	00	000
	No. of Calms 0	24	50	66	68	27	05	240

	Direction x 10°	1-9	10-19	20-29	30-39	40-49	50	Total
Dec.	35 36 01	01	00	00	00	00	00	001
	02 03 04	03	03	00	00	00	00	006
	05 06 07	11	01	00	00	00	00	012
	08 09 10	16	11	04	01	01	00	033
	11 12 13	04	28	53	37	13	00	135
	14 15 16	04	11	06	03	00	00	024
	17 18 19	02	00	00	00	00	00	002
	20 21 22	02	00	00	00	00	00	002
	23 24 25	12	00	00	00	00	00	012
	26 27 28	14	01	00	00	00	00	015
	29 30 31	02	00	00	00	00	00	002
	32 33 34	04	00	00	00	00	00	004
	No. of Calms 0	75	55	63	41	14	00	248

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Speed of Daily Maximum Gust of Wind

Upper Limit Range - Knots	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
01 - 09	00	00	00	00	00	00	00	01	00	00	00	00	001
10 - 19	01	02	01	01	00	01	03	09	00	02	01	00	021
20 - 29	05	04	05	05	00	03	07	24	07	08	07	06	081
30 - 39	13	13	12	16	12	12	24	27	11	15	18	17	190
40 - 49	25	21	24	26	25	22	28	29	17	25	27	27	296
50 - 59	31	26	27	29	31	26	30	30	21	28	30	30	339
60 - 69	31	28	27	30	31	28	30	31	25	30	30	31	352
70 - 79	31	28	31	30	31	29	30	31	28	31	30	31	361
80 - 89	31	28	31	30	31	29	30	31	29	31	30	31	362
90 - 99	31	28	31	30	31	30	31	31	30	31	30	31	365

Daily Duration of Sunshine

Range Hours & Tenths	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
Nil	00	00	02	12	18	29	23	07	10	08	09	01	119
0·1 - 0·9	00	00	00	00	01	00	02	02	00	02	02	01	010
1·0 - 1·9	00	00	00	00	03	01	00	06	00	01	04	00	015
2·0 - 2·9	00	00	00	02	02	00	02	01	01	02	00	01	011
3·0 - 3·9	00	00	00	04	03	00	03	01	01	02	00	05	019
4·0 - 4·9	00	00	00	03	01	00	01	03	02	01	01	00	012
5·0 - 5·9	00	00	00	00	03	00	00	01	00	03	03	02	012
6·0 - 6·9	00	00	00	03	00	00	00	03	01	01	00	02	010
7·0 - 7·9	00	00	00	00	00	00	00	04	02	01	01	01	009
8·0 - 8·9	00	00	00	02	00	00	00	03	03	02	02	02	014
9·0 - 9·9	00	00	02	04	00	00	00	00	05	02	00	01	014
10·0 - 10·9	00	00	05	00	00	00	00	00	03	02	02	00	012
11·0 - 11·9	00	00	02	00	00	00	00	00	01	01	02	00	006
12·0 - 12·9	00	00	00	00	00	00	00	00	00	00	01	01	002
14·0 - 14·9	00	00	00	00	00	00	00	00	00	02	00	02	004
15·0 - 15·9	00	00	00	00	00	00	00	00	00	01	00	01	002
16·0 - 16·9	00	00	00	00	00	00	00	00	00	00	01	01	002
17·0 - 17·9	00	00	00	00	00	00	00	00	00	00	01	01	002
18·0 - 18·9	00	00	00	00	00	00	00	00	00	00	01	02	003
19·0 - 19·9	00	00	00	00	00	00	00	00	00	00	00	05	005
20·0 - 20·9	00	00	00	00	00	00	00	00	00	00	00	02	002
	00	00	11	30	31	30	31	31	29	31	30	31	285

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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
- 30	00	00	00	00	00	01	02	00	00	00	00	00	003
- 27	00	00	00	00	00	02	06	01	01	02	00	00	012
- 24	00	00	00	00	00	07	12	08	04	05	00	00	036
- 21	00	00	00	00	00	16	19	14	14	06	00	00	069
- 18	00	00	00	00	00	23	23	19	22	10	00	00	097
- 15	00	00	00	00	00	26	24	26	24	17	05	00	122
- 12	00	00	00	00	00	27	25	30	24	23	12	04	145
- 9	00	00	00	00	00	27	25	30	24	26	22	22	176
- 6	00	00	00	00	00	27	25	30	24	26	25	29	186
- 3	00	00	00	00	00	27	25	30	24	26	25	30	187

Temperature at 700 mb.

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
- 36	00	00	00	00	00	00	01	00	00	00	00	00	001
- 33	00	00	00	00	00	01	04	00	00	00	00	00	005
- 30	00	00	00	00	00	04	06	00	00	01	00	00	011
- 27	00	00	00	00	00	13	16	05	08	06	01	00	049
- 24	00	00	00	00	00	21	23	17	17	09	03	00	090
- 21	00	00	00	00	00	27	25	25	22	17	06	03	125
- 18	00	00	00	00	00	27	25	30	24	21	17	16	160
- 15	00	00	00	00	00	27	25	30	24	25	25	27	183
- 12	00	00	00	00	00	27	25	30	24	26	25	29	186
- 9	00	00	00	00	00	27	25	30	24	26	25	30	187

Temperature at 500 mb.

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
- 51	00	00	00	00	00	00	00	00	00	01	00	00	001
- 48	00	00	00	00	00	00	00	00	00	01	00	00	001
- 45	00	00	00	00	00	00	02	01	00	01	00	00	004
- 42	00	00	00	00	00	09	05	05	08	05	00	00	032
- 39	00	00	00	00	00	23	18	10	17	11	02	00	081
- 36	00	00	00	00	00	26	24	20	19	17	07	01	114
- 33	00	00	00	00	00	27	24	27	22	20	11	07	138
- 30	00	00	00	00	00	27	25	30	24	21	20	18	165
- 27	00	00	00	00	00	27	25	30	24	25	23	25	179
- 24	00	00	00	00	00	27	25	30	24	25	25	30	186
- 21	00	00	00	00	00	27	25	30	24	26	25	30	187

Temperature at 300 mb.

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
- 63	00	00	00	00	00	02	03	06	06	03	00	00	020
- 60	00	00	00	00	00	13	17	21	19	11	08	00	089
- 57	00	00	00	00	00	22	24	28	23	17	12	00	126
- 54	00	00	00	00	00	25	25	30	24	24	18	04	150
- 51	00	00	00	00	00	25	25	30	24	26	23	18	171
- 48	00	00	00	00	00	25	25	30	24	26	25	27	182
- 45	00	00	00	00	00	25	25	30	24	26	25	29	184
- 42	00	00	00	00	00	25	25	30	24	26	25	30	185

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Temperature at 200 mb.

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
- 78	00	00	00	00	00	00	00	01	00	00	00	00	001
- 75	00	00	00	00	00	00	00	09	01	02	00	00	012
- 72	00	00	00	00	00	01	03	15	05	03	00	00	027
- 69	00	00	00	00	00	02	05	21	12	09	00	00	049
- 66	00	00	00	00	00	03	17	28	16	15	06	00	085
- 63	00	00	00	00	00	12	22	30	20	15	10	00	109
- 60	00	00	00	00	00	16	23	30	23	23	13	00	128
- 57	00	00	00	00	00	23	23	30	23	24	16	00	139
- 54	00	00	00	00	00	23	23	30	24	25	21	03	149
- 51	00	00	00	00	00	23	23	30	24	26	23	05	154
- 48	00	00	00	00	00	23	23	30	24	26	25	13	164
- 45	00	00	00	00	00	23	23	30	24	26	25	25	176
- 42	00	00	00	00	00	23	23	30	24	26	25	28	179
- 39	00	00	00	00	00	23	23	30	24	26	25	30	181

Temperature at 150 mb.

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
- 78	00	00	00	00	00	00	00	03	00	00	00	00	003
- 75	00	00	00	00	00	00	00	14	03	01	00	00	018
- 72	00	00	00	00	00	02	04	19	11	01	00	00	037
- 69	00	00	00	00	00	03	17	24	16	07	00	00	067
- 66	00	00	00	00	00	07	21	29	16	14	00	00	087
- 63	00	00	00	00	00	11	23	29	17	16	07	00	103
- 60	00	00	00	00	00	22	23	29	21	20	08	00	123
- 57	00	00	00	00	00	22	23	29	22	23	12	00	131
- 54	00	00	00	00	00	22	23	29	24	25	13	00	136
- 51	00	00	00	00	00	22	23	29	24	26	16	01	141
- 48	00	00	00	00	00	22	23	29	24	26	22	01	147
- 45	00	00	00	00	00	22	23	29	24	26	24	18	166
- 42	00	00	00	00	00	22	23	29	24	26	24	29	177
- 39	00	00	00	00	00	22	23	29	24	26	24	30	178

Temperature at 100 mb.

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
- 81	00	00	00	00	00	00	00	02	00	00	00	00	002
- 78	00	00	00	00	00	00	00	13	01	00	00	00	014
- 75	00	00	00	00	00	01	07	18	03	00	00	00	029
- 72	00	00	00	00	00	03	14	24	13	01	00	00	055
- 69	00	00	00	00	00	05	19	25	16	04	00	00	069
- 66	00	00	00	00	00	14	19	25	16	10	00	00	084
- 63	00	00	00	00	00	15	19	25	16	13	00	00	088
- 60	00	00	00	00	00	15	19	25	17	16	00	00	092
- 57	00	00	00	00	00	15	19	25	21	17	06	00	103
- 54	00	00	00	00	00	15	19	25	22	20	09	00	110
- 51	00	00	00	00	00	15	19	25	22	23	10	00	114
- 48	00	00	00	00	00	15	19	25	23	26	13	00	121
- 45	00	00	00	00	00	15	19	25	23	26	16	01	125
- 42	00	00	00	00	00	15	19	25	23	26	21	06	135
- 39	00	00	00	00	00	15	19	25	23	26	23	24	155
- 36	00	00	00	00	00	15	19	25	23	26	23	29	160

Temperature at Tropopause

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
- 81	00	00	00	00	00	00	00	01	00	00	00	00	001
- 78	00	00	00	00	00	00	00	06	00	00	00	00	006
- 75	00	00	00	00	00	00	00	12	01	02	00	00	015
- 72	00	00	00	00	00	02	02	19	05	04	01	00	033
- 69	00	00	00	00	00	03	08	22	10	08	01	00	052
- 66	00	00	00	00	00	07	16	28	14	15	09	00	089
- 63	00	00	00	00	00	15	20	29	20	18	13	01	116
- 60	00	00	00	00	00	21	23	29	22	23	20	03	141
- 57	00	00	00	00	00	24	24	29	24	25	20	10	156
- 54	00	00	00	00	00	24	24	29	24	25	25	15	166
- 51	00	00	00	00	00	24	24	29	24	26	25	20	172
- 48	00	00	00	00	00	24	24	29	24	26	25	28	180
- 45	00	00	00	00	00	24	24	29	24	26	25	29	181
- 42	00	00	00	00	00	24	24	29	24	26	25	30	182

Geopotential at 850 mb.

Upper Limit Range- gpDm													
095	00	00	00	00	00	00	00	00	02	00	00	00	002
100	00	00	00	00	00	01	01	00	04	01	01	00	008
105	00	00	00	00	00	06	01	00	08	03	01	00	019
110	00	00	00	00	00	13	08	00	15	08	02	00	046
115	00	00	00	00	00	18	12	03	18	13	03	01	068
120	00	00	00	00	00	24	23	09	22	16	10	10	114
125	00	00	00	00	00	27	25	15	23	20	18	18	146
130	00	00	00	00	00	27	25	25	24	23	25	24	173
135	00	00	00	00	00	27	25	30	24	25	25	30	186
140	00	00	00	00	00	27	25	30	24	25	25	30	186
145	00	00	00	00	00	27	25	30	24	26	25	30	187

Geopotential at 700 mb.

Upper Limit Range- gpDm													
235	00	00	00	00	00	00	00	00	02	00	00	00	002
240	00	00	00	00	00	01	00	00	04	00	00	00	005
245	00	00	00	00	00	03	02	00	07	02	01	00	015
250	00	00	00	00	00	10	08	00	12	07	01	00	038
255	00	00	00	00	00	17	14	03	16	10	02	00	062
260	00	00	00	00	00	22	21	07	20	13	02	01	086
265	00	00	00	00	00	26	24	10	22	17	08	06	113
270	00	00	00	00	00	27	25	20	24	20	18	16	150
275	00	00	00	00	00	27	25	25	24	23	24	22	170
280	00	00	00	00	00	27	25	30	24	24	25	25	180
285	00	00	00	00	00	27	25	30	24	25	25	30	186
290	00	00	00	00	00	27	25	30	24	26	25	30	187

Geopotential at 500 mb.

Upper Limit Range- gpDm													
470	00	00	00	00	00	00	00	00	03	00	00	00	003
475	00	00	00	00	00	01	00	00	04	00	00	00	005
480	00	00	00	00	00	04	05	00	06	01	00	00	016
485	00	00	00	00	00	08	07	01	12	05	00	00	033
490	00	00	00	00	00	15	12	02	13	09	01	00	052
495	00	00	00	00	00	21	18	05	18	10	01	00	073
500	00	00	00	00	00	24	24	08	21	13	02	00	092
505	00	00	00	00	00	27	25	14	21	16	04	01	108
510	00	00	00	00	00	27	25	19	23	18	12	06	130
515	00	00	00	00	00	27	25	25	24	21	18	14	154
520	00	00	00	00	00	27	25	30	24	23	22	22	173
525	00	00	00	00	00	27	25	30	24	24	25	25	180
530	00	00	00	00	00	27	25	30	24	25	25	30	186
535	00	00	00	00	00	27	25	30	24	26	25	30	187

FREQUENCY ANALYSES MAWSON, 1955

Geopotential at 300 mb.

Upper Limit Range- gpDm														
800	00	00	00	00	00	00	00	00	03	00	00	00		003
810	00	00	00	00	00	01	03	01	06	02	00	00		013
820	00	00	00	00	00	11	10	02	13	08	00	00		044
830	00	00	00	00	00	23	20	07	17	10	01	00		078
840	00	00	00	00	00	25	25	14	21	14	05	00		104
850	00	00	00	00	00	25	25	24	24	19	14	04		135
860	00	00	00	00	00	25	25	30	24	22	17	12		155
870	00	00	00	00	00	25	25	30	24	23	24	24		175
880	00	00	00	00	00	25	25	30	24	26	25	29		184
890	00	00	00	00	00	25	25	30	24	26	25	30		185

Geopotential at 200 mb.

Upper Limit Range- gpDm														
1050	00	00	00	00	00	00	00	00	05	01	00	00		006
1060	00	00	00	00	00	03	05	02	11	05	00	00		026
1070	00	00	00	00	00	10	12	04	15	08	00	00		049
1080	00	00	00	00	00	20	21	07	19	10	00	00		077
1090	00	00	00	00	00	23	23	24	21	13	05	00		109
1100	00	00	00	00	00	23	23	29	24	18	12	00		129
1110	00	00	00	00	00	23	23	30	24	22	13	00		135
1120	00	00	00	00	00	23	23	30	24	24	22	11		157
1130	00	00	00	00	00	23	23	30	24	25	25	20		170
1140	00	00	00	00	00	23	23	30	24	26	25	27		178
1150	00	00	00	00	00	23	23	30	24	26	25	30		181

Geopotential at 150 mb.

Upper Limit Range- gpDm														
1220	00	00	00	00	00	00	00	01	04	01	00	00		006
1230	00	00	00	00	00	01	04	02	09	04	00	00		020
1240	00	00	00	00	00	07	13	04	16	08	00	00		048
1250	00	00	00	00	00	13	21	11	18	09	00	00		072
1260	00	00	00	00	00	19	23	25	20	10	00	00		097
1270	00	00	00	00	00	22	23	28	23	17	10	00		123
1280	00	00	00	00	00	22	23	29	23	21	11	00		129
1290	00	00	00	00	00	22	23	29	24	24	11	00		133
1300	00	00	00	00	00	22	23	29	24	25	19	01		143
1310	00	00	00	00	00	22	23	29	24	25	23	12		158
1320	00	00	00	00	00	22	23	29	24	26	24	20		168
1330	00	00	00	00	00	22	23	29	24	26	24	26		174
1340	00	00	00	00	00	22	23	29	24	26	24	30		178

FREQUENCY ANALYSES MAWSON, 1955

Geopotential at 100 mb

Upper Limit Range- gpDm													
1460	00	00	00	00	00	00	02	01	05	01	00	00	009
1470	00	00	00	00	00	01	04	01	11	04	00	00	021
1480	00	00	00	00	00	04	09	08	15	08	00	00	044
1490	00	00	00	00	00	05	17	17	19	08	00	00	066
1500	00	00	00	00	00	11	19	23	19	09	00	00	081
1510	00	00	00	00	00	13	19	24	20	11	00	00	087
1520	00	00	00	00	00	15	19	25	20	13	07	00	099
1530	00	00	00	00	00	15	19	25	22	21	11	00	113
1540	00	00	00	00	00	15	19	25	22	23	11	00	115
1550	00	00	00	00	00	15	19	25	23	23	11	00	116
1560	00	00	00	00	00	15	19	25	23	25	13	00	120
1570	00	00	00	00	00	15	19	25	23	25	18	00	125
1580	00	00	00	00	00	15	19	25	23	26	22	08	138
1590	00	00	00	00	00	15	19	25	23	26	23	18	149
1600	00	00	00	00	00	15	19	25	23	26	23	22	153
1610	00	00	00	00	00	15	19	25	23	26	23	29	160

Geopotential of Tropopause

Upper Limit Range- gpDm													
700	00	00	00	00	00	01	00	00	00	00	00	00	001
750	00	00	00	00	00	01	00	00	01	00	00	02	004
800	00	00	00	00	00	01	00	00	04	00	00	06	011
850	00	00	00	00	00	02	02	00	06	02	02	12	026
900	00	00	00	00	00	09	09	00	07	02	02	16	045
950	00	00	00	00	00	15	14	02	09	08	08	20	076
1000	00	00	00	00	00	18	18	04	18	16	19	29	122
1050	00	00	00	00	00	21	22	10	23	21	24	30	151
1100	00	00	00	00	00	22	23	16	24	23	25	30	163
1150	00	00	00	00	00	22	23	20	24	24	25	30	168
1200	00	00	00	00	00	22	23	24	24	26	25	30	174
1250	00	00	00	00	00	22	23	24	24	26	25	30	174
1300	00	00	00	00	00	22	23	24	24	26	25	30	174
1350	00	00	00	00	00	22	23	25	24	26	25	30	175
1400	00	00	00	00	00	22	24	25	24	26	25	30	176
1450	00	00	00	00	00	22	24	26	24	26	25	30	177
1500	00	00	00	00	00	24	24	28	24	26	25	30	181
1550	00	00	00	00	00	24	24	29	24	26	25	30	182

Pressure at Tropopause

Upper Limit Range - mb.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
100	00	00	00	00	00	02	00	03	00	00	00	00	005
150	00	00	00	00	00	02	01	05	00	00	00	00	008
200	00	00	00	00	00	03	02	18	00	05	00	00	028
250	00	00	00	00	00	11	13	27	18	19	16	02	106
300	00	00	00	00	00	23	24	29	21	26	24	20	167
350	00	00	00	00	00	23	24	29	24	26	25	28	179
400	00	00	00	00	00	24	24	29	24	26	25	30	182

Results of Surface Observations, Macquarie Island, January, 1955

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				DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
												AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH						
		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	9878	46	45	44	31	20	20	2	01	1	2	6	4											
01	04	9983	41	39	39	31	21	12	8	10	2	8	6	4											
01	07	9899	47	45	44	31	29	20	6	03	1	6	6	4											
01	10	9917	48	45	41	30	29	82	1	01	2	1	6	4											
01	13	9924	48	45	43	31	28	64	8	02	2	8	5	4											
01	16	9920	47	46	45	31	28	40	8	51	5	8	6	4											
01	19	9919	47	46	45	29	27	40	8	51	5	8	6	3											
01	22	9906	47	46	46	31	30	48	8	10	5	8	6	3						31	35	537	0008	49	44
02	01	9869	47	46	46	30	32	48	8	50	5	8	6	3											
02	04	9832	47	46	46	30	37	40	8	61	6	8	6	3											
02	07	9837	45	43	41	26	27	80	8	25	8	8	6	4											
02	10	9848	46	44	41	29	21	81	7	01	2	7	5	5											
02	13	9837	47	44	40	31	21	81	5	01	1	3	5	5	1	2									
02	16	9818	46	44	40	29	27	80	6	01	8	5	4	5	3										
02	19	9817	43	41	36	27	29	72	7	80	2	7	4	5											
02	22	9799	44	42	39	30	32	64	3	01	8	3	5	5						31	48	782	0017	48	42
03	01	9782	42	42	42	28	24	72	5	80	8	5	5	4											
03	04	9771	42	40	37	30	26	81	5	25	8	5	5	4											
03	07	9750	44	43	41	29	28	81	8	03	8	8	6	4											
03	10	9743	44	42	39	28	24	81	8	02	8	7	5	4	7										
03	13	9746	43	42	41	26	28	24	8	80	8	8	5	4											
03	16	9760	43	41	38	27	26	80	8	25	8	8	5	4											
03	19	9794	41	39	38	26	21	40	7	80	8	7	5	5											
03	22	9809	40	39	36	27	20	40	4	80	8	4	5	4						29	42	728	0008	45	39
04	01	9812	40	40	38	26	19	40	6	80	8	6	5	5											
04	04	9807	41	40	39	26	18	48	7	80	8	7	5	4											
04	07	9798	44	42	39	30	12	81	6	03	2	6	8	5											
04	10	9796	45	43	40	30	11	81	8	02	2	8	5	5											
04	13	9757	47	45	44	07	03	81	8	02	2	6	5	4	7										
04	16	9715	45	45	44	10	04	48	8	02	2	3	6	2	2										
04	19	9702	44	44	44	13	07	80	8	61	6	8	6	1											
04	22	9698	43	43	43	14	17	48	8	61	6	8	6	1						13	28	568	0011	48	40
05	01	9720	41	40	39	15	23	48	8	61	6	8	6	4											
05	04	9765	39	37	34	20	11	80	7	15	8	7	5	4											
05	07	9815	39	37	33	16	06	80	8	15	8	8	5	4											
05	10	9818	42	39	34	27	18	80	7	15	2	6	5	5	7										
05	13	9839	43	40	35	27	17	81	7	02	2	6	5	5	3										
05	16	9860	44	39	33	27	16	81	7	02	2	7	5	5											
05	19	9860	43	40	34	31	16	81	5	02	1	2	5	5	3										
05	22	9841	43	42	40	35	12	12	8	61	6	8	6	4						13	31	328	0035	46	38
06	01	9832	45	44	42	28	18	64	3	01	6	3	6	4											
06	04	9840	45	44	43	31	18	48	7	61	6	7	6	4											
06	07	9868	46	44	41	29	21	81	2	01	1	2	1	4											
06	10	9892	47	46	43	30	20	81	2	02	0	2	5	5											
06	13	9910	48	45	41	29	17	82	1	02	1	1	5	5											
06	16	9911	48	46	43	32	14	80	3	03	1	3	5	4											
06	19	9913	46	45	43	31	12	81	7	03	1	1	5	5	0	4									
06	22	9914	45	44	43	32	10	81	6	02	1	1	5	5	0	4				45	43	526	0012	49	43
07	01	9904	45	45	43	32	10	81	2	01	1	2	5	5	0	4									
07	04	9809	45	44	43	32	15	81	7	03	1	2	5	4	0	4									
07	07	9902	47	45	44	32	28	80	7	62	1	7	6	4	0	2									
07	10	9906	46	44	42	29	19	81	7	02	6	4	5	5	0	8									
07	13	9927	48	45	42	29	19	81	5	02	1	5	5	5											
07	16	9944	47	45	41	29	26	81	3	02	1	3	5	5											
07	19	9966	45	43	40	28	26	81	4	03	1	4	5	4											
07	22	9984	45	44	41	29	19	81	7	03	1	7	5	5						29	34	400	0006	49	43
08	01	9974	45	45	43	30	21	64	8	61	6	8	5	5											
08	04	9969	47	46	46	29	20	40	8	51	5	8	6	2											
08	07	9992	46	46	46	29	16	32	8	50	5	8	6	2											
08	10	9992	47	47	46	31	22	16	8	10	2	8	6	2											
08	13	9986	48	47	46	33	21	16	8	02	5	8	6	2											
08	16	9968	48	47	46	34	13	16	8	02	2	8	6	2											
08	19	9940	47	46	45	35	24	24	8	50	5	8	6	2											
08	22	9922	48	47	46	33	15	12	8	50	5	8	6	2						35	43	570	0019	49	44
09	01	9913	45	44	41	31	09	32	8	20	5	6	3	3											
09	04	9902	46	45	44	32	20	40	7	01	2	5	6	3	3	1									
09	07	9900	47	45	42	31	16	64	6	01	5	4	6	3	7										
09	10	9899	47	45	44	32	21	80	6	03	0	6	5	4											
09	13	9896	46	43	38	29	30	80	5	03	0	5	5	4											
09	16	9902	46	42	36	29	34	80	5	02	2	5	5	4											
09	19	9939	44	40	35	28	30	81	6	81	6	6	5	4											
09	22	9958	44	41	37	29	30	80	5	03	1	5	5	5	0	2				29	46	522	0002	43	48

Results of Surface Observations, Macquarie Island, January, 1955

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	9954	45	43	40	31	25	81	6	03	1	6	5	6											
10	04	9942	46	45	42	32	33	64	7	03	2	7	5	5											
10	07	9925	47	46	45	33	33	48	8	60	2	8	6	2											
10	10	9930	47	47	46	29	23	64	8	50	2	5	6	4											
10	13	9942	48	45	41	29	21	81	6	03	1	1	5	4	3	8									
10	16	9950	48	45	41	29	18	81	7	03	1	1	5	4	0	8									
10	19	9964	45	44	42	29	16	81	2	01	1	2	5	5											
10	22	9974	46	44	42	29	14	81	6	03	1	6	5	5						31	40	768	0004	49	45
11	01	9977	45	44	43	29	14	81	1	01	1	1	5	5											
11	04	9987	45	45	43	29	11	81	2	02	1	2	5	5											
11	07	9996	48	47	45	31	10	81	2	02	1	2	2	5											
11	10	9995	49	47	46	32	15	81	3	02	0	2	5	4	0	8									
11	13	0000	49	48	46	32	12	81	6	03	1	2	5	3	0	6									
11	16	9993	49	48	46	33	07	81	7	03	1	1	5	3	5	4									
11	19	9991	47	47	46	04	04	81	7	02	2	4	6	3	5										
11	22	9991	45	44	43	00	00	81	7	01	1	1	5	4	5	1				31	22	449	0000	50	43
12	01	9979	44	44	44	16	03	72	6	03	1	4	6	3	5										
12	04	9973	45	44	44	16	07	80	7	03	2	6	6	2	5										
12	07	9969	45	44	44	15	10	81	7	02	2	6	6	2	5										
12	10	9967	45	44	44	14	10	81	6	01	2	6	5	5											
12	13	9972	46	45	44	16	10	81	7	03	1	7	5	5											
12	16	9984	45	44	43	16	12	81	8	03	2	8	5	5											
12	19	0005	44	43	43	16	11	81	8	03	1	8	5	4											
12	22	0025	43	43	42	17	07	81	8	03	2	8	6	4						13	19	240	0000	46	42
13	01	0038	43	41	39	24	03	81	8	02	2	8	5	5											
13	04	0057	43	42	40	17	02	81	7	01	2	8	5	5	0	1									
13	07	0073	45	43	40	34	03	80	8	63	2	8	5	5											
13	10	0078	46	45	42	36	06	81	8	21	6	6	5	4	7										
13	13	0090	46	44	41	26	10	81	5	02	8	3	8	5	7										
13	16	0100	46	43	36	27	14	81	5	02	1	4	5	5	7										
13	19	0103	46	44	42	29	15	81	8	02	2	5	5	5	7										
13	22	0094	46	45	43	31	18	81	8	02	2	8	5	4						27	24	489	0002	48	43
14	01	0061	47	47	46	30	23	80	8	02	2	8	6	2											
14	04	0063	45	45	44	28	18	80	8	02	2	8	6	2											
14	07	0061	45	45	44	28	10	64	8	61	2	8	6	3											
14	10	0038	46	46	45	32	20	80	8	51	5	8	6	3											
14	13	0010	47	47	46	31	16	16	8	51	5	8	6	2											
14	16	0003	47	47	47	29	16	40	8	02	5	8	6	2											
14	19	0003	47	47	46	29	17	40	8	02	2	8	6	2											
14	22	0003	46	46	46	28	13	12	8	50	5	8	6	2						31	30	457	0011	48	44
15	01	0005	46	45	45	27	18	16	8	51	5	8	6	2											
15	04	0008	43	42	41	26	19	32	8	51	5	7	6	4	1										
15	07	0017	44	42	40	26	14	64	8	02	5	8	6	4											
15	10	0012	45	43	40	28	13	81	8	01	2	8	5	4											
15	13	9993	45	44	42	30	17	81	8	21	6	8	5	4											
15	16	9972	47	45	43	30	24	81	8	02	2	8	5	4											
15	19	9987	44	42	39	26	30	81	6	50	1	4	6	4											
15	22	9993	44	40	35	26	30	81	4	01	1	4	5	4						27	51	462	0002	47	41
16	01	9999	42	41	38	27	20	81	8	62	6	8	5	4											
16	04	0006	43	40	35	25	30	81	8	01	1	4	5	5											
16	07	0027	46	43	39	27	18	81	6	03	1	6	5	5											
16	10	0033	47	43	38	26	18	81	5	02	1	5	5	5											
16	13	0040	48	43	37	26	14	81	8	03	1	2	5	5	0	7									
16	16	0041	46	43	39	28	15	81	6	01	1	2	8	5	0	8									
16	19	0044	46	44	42	29	12	81	7	03	1	6	5	5	0	8									
16	22	0042	46	45	45	31	10	80	8	03	1	8	6	3						25	27	586	0009	49	41
17	01	0024	46	45	45	31	10	80	8	02	2	0	0	9	2										
17	04	0000	45	45	44	34	08	80	8	80	8	0	0	9	1										
17	07	9952	47	45	44	36	13	81	8	02	2	5	5	4	7										
17	10	9899	45	45	45	35	10	24	8	50	5	8	6	2											
17	13	9819	48	48	48	34	24	12	8	62	6	8	6	2											
17	16	9787	48	48	48	32	27	32	8	20	5	8	6	2											
17	19	9797	45	43	40	29	30	80	5	20	8	5	5	4											
17	22	9803	45	42	38	30	26	80	7	25	1	7	5	4						36	46	369	0000	49	43
18	01	9795	45	43	40	30	21	81	3	01	1	2	2	4	1										
18	04	9794	43	41	39	28	19	81	3	25	8	3	2	5											
18	07	9809	44	42	39	29	29	81	7	25	8	1	2	4	7	8									
18	10	9832	44	42	40	28	34	64	8	50	5	8	5	4											
18	13	9869	47	43	37	27	33	81	6	01	5	6	5	5											
18	16	9895	46	43	40	27	32	81	6	02	1	6	5	5											
18	19	9926	45	43	40	28	30	81	8	02	1	8	5	5											
18	22	9958	44	41	38	28	30	81	7	01	1	7	5	5						27	56	719	0028	47	41

Results of Surface Observations, Macquarie Island, January, 1955

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	9974	45	43	40	29	24	81	6	02	2	6	5	4											
19	04	9980	45	45	44	32	14	80	8	20	2	8	5	4											
19	07	9967	47	46	45	33	18	81	8	02	2	8	6	3											
19	10	9955	47	46	45	33	19	81	8	02	2	3	5	5	7										
19	13	9919	47	47	46	34	23	32	8	61	6	8	6	2											
19	16	9866	48	47	47	34	30	20	8	58	6	8	6	2											
19	19	9865	46	45	45	31	20	80	8	50	6	5	6	3	2										
19	22	9869	45	45	44	31	16	81	2	01	1	2	6	4						33	38	669	0000	48	44
20	01	9859	45	44	43	30	10	81	0	02	0	0													
20	04	9842	45	44	42	31	24	81	2	02	1	2	5	4											
20	07	9810	46	45	42	31	32	32	7	80	8	7	8	5											
20	10	9810	45	43	40	30	40	48	7	20	5	7	5	5											
20	13	9839	45	42	37	29	31	81	7	25	8	5	5	5	3										
20	16	9859	40	39	37	27	34	80	8	80	8	7	5	4											
20	19	9894	40	39	36	27	31	64	7	80	8	7	5	4	7										
20	22	9922	42	38	31	27	32	32	8	25	8	8	5	5						29	57	655	0023	46	39
21	01	9944	41	38	34	25	26	32	8	02	8	8	5	5											
21	04	9969	40	36	29	26	22	64	8	50	6	6	5	5	1										
21	07	9997	42	36	25	25	21	80	5	01	6	3	5	5	0	1									
21	10	0018	43	39	32	25	20	81	6	03	1	6	5	5											
21	13	0033	45	40	35	26	20	81	7	02	1	7	5	5											
21	16	0043	45	41	38	27	16	81	7	03	1	7	5	5	7										
21	19	0056	44	41	37	26	21	80	7	50	1	7	5	5											
21	22	0075	44	41	36	25	14	80	8	03	1	8	5	5						27	42	742	0010	46	40
22	01	0074	44	43	41	29	15	80	8	03	1	8	5	5											
22	04	0067	44	44	43	32	16	40	8	53	5	8	6	2											
22	07	0066	47	46	46	32	15	40	8	02	5	8	6	3											
22	10	0062	46	46	46	31	21	16	8	51	5	8	6	2											
22	13	0044	47	47	46	31	23	24	8	58	5	8	6	2											
22	16	0025	47	42	46	31	25	24	8	51	5	8	6	2											
22	19	0033	46	46	46	29	22	40	8	20	5	8	6	2											
22	22	0041	45	45	44	29	16	81	2	01	1	2	6	3						29	32	503	0008	47	42
23	01	0029	45	45	44	31	14	81	1	02	1	1	6	3											
23	04	0007	47	46	46	31	22	81	8	03	1	3	6	3	7										
23	07	9994	47	47	46	31	23	80	8	80	8	3	6	3	7										
23	10	9986	47	47	47	30	22	32	8	50	5	6	6	4	1										
23	13	9988	49	47	45	29	19	81	6	01	8	2	6	4	3	2									
23	16	9985	48	45	41	29	26	48	7	05	2	7	4	4											
23	19	9996	46	43	39	29	26	64	6	02	2	6	4	4											
23	22	0004	44	43	40	28	22	48	3	25	1	3	4	4						29	41	568	0011	49	41
24	01	0005	45	43	39	28	27	64	2	02	8	2	4	4											
24	04	0009	43	41	38	28	27	64	7	25	8	5	4	4	3										
24	07	0020	45	42	38	27	28	80	7	16	8	6	4	4	1										
24	10	0030	44	42	40	28	28	81	7	01	2	4	5	5	0	6									
24	13	0029	47	42	36	27	34	81	4	01	8	3	5	5	0	2									
24	16	0041	41	39	36	26	34	40	7	81	8	7	5	5											
24	19	0050	43	41	37	26	34	80	7	50	8	7	5	5											
24	22	0050	44	41	37	27	28	80	8	02	8	8	8	6						27	58	722	0006	48	39
25	01	0040	45	23	40	28	26	80	8	02	2	8	5	4											
25	04	0020	44	43	41	29	28	64	8	20	8	8	5	4											
25	07	9980	45	44	43	30	23	64	8	51	5	8	5	4											
25	10	9924	45	45	45	31	25	32	8	61	6	8	6	3											
25	13	9867	46	45	45	29	27	32	8	61	6	8	6	3											
25	16	9913	43	41	37	23	16	81	4	15	6	4	5	5											
25	19	9942	41	39	33	27	18	81	5	15	8	3	5	4	0	8									
25	22	9963	40	39	36	27	24	81	5	15	8	5	5	5						27	47	751	0014	46	39
26	01	9956	40	39	38	27	16	80	6	12	6	6	6	4											
26	04	9931	41	40	38	27	21	81	8	02	6	4	6	4	7										
26	07	9916	39	39	38	26	22	80	8	80	8	3	8	4	7										
26	10	9908	44	44	43	26	24	80	7	25	8	7	4	4											
26	13	9899	43	41	37	26	22	40	8	80	8	8	8	4											
26	16	9898	40	39	38	26	23	48	6	87	8	6	8	4											
26	19	9907	42	38	31	26	28	80	5	27	8	5	8	4											
26	22	9918	41	38	32	26	20	80	3	25	8	3	8	5						27	58	543	0033	45	37
27	01	9922	39	38	36	25	22	40	6	60	8	6	5	3											
27	04	9927	36	36	36	28	24	48	6	81	8	6	8	4											
27	07	9939	41	39	36	26	28	48	7	81	8	7	8	4											
27	10	9956	42	40	37	28	27	81	7	03	8	7	8	5											
27	13	9986	43	41	38	22	16	81	6	81	8	6	8	5											
27	16	0018	45	41	37	21	12	81	5	01	8	5	8	4											
27	19	0053	40	39	38	19	14	80	6	90	1	6	8	4											
27	22	0074	40	36	32	22	13	81	2	01	8	2	5	4						27	54	594	0035	45	36

Results of Surface Observations, Macquarie Island, January, 1955

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	0075	41	37	31	26	13	81	4	03	0	4	5	4											
28	04	0076	41	39	35	27	11	81	8	03	1	8	5	5											
28	07	0009	42	40	37	29	11	81	8	01	1	8	8	5											
28	10	0047	43	41	39	34	15	80	8	61	6	8	5	5											
28	13	0011	44	42	38	35	22	80	8	03	6	8	5	4											
28	16	9935	44	44	44	36	29	32	8	61	6	8	6	2											
28	19	9845	47	46	46	35	27	32	8	61	6	8	6	2											
28	22	9828	48	48	48	31	22	24	8	60	6	8	6	1						35	37	362	0011	48	39
29	01	9837	46	46	45	29	23	81	3	01	6	3	5	5											
29	04	9841	46	45	44	31	23	81	6	03	1	6	5	5											
29	07	9845	47	45	43	31	19	81	0	02	0	0													
29	10	9837	48	46	44	31	25	81	2	02	0	1	1	5	0	1									
29	13	9832	48	46	42	31	26	80	2	02	8	1	1	5	3										
29	16	9825	48	45	41	31	30	80	6	03	1	6	8	4											
29	19	9830	46	43	40	31	32	66	2	01	1	2	1	5											
29	22	9837	45	44	41	31	28	80	1	02	0	1	1	5						31	49	618	0038	49	45
30	01	9838	45	43	41	29	24	81	1	02	0	1	1	5											
30	04	9841	45	44	42	30	16	80	4	03	1	2	8	5	3	1									
30	07	9841	46	45	45	33	14	80	5	02	2	1	8	5	3	1									
30	10	9838	47	46	45	34	09	81	4	01	1	0	0	9	7	1									
30	13	9824	48	47	46	34	09	80	7	03	1	6	8	6	0	1									
30	16	9781	46	45	45	08	05	40	8	51	5	8	6	4											
30	19	9758	45	44	44	35	11	40	8	51	5	8	6	4											
30	22	9747	45	45	44	34	13	40	8	60	5	8	6	4						29	32	715	0000	49	39
31	01	9778	38	37	36	26	32	40	7	20	5	7	6	4											
31	04	9833	37	37	35	27	30	40	6	01	1	6	8	4											
31	07	9847	41	37	32	31	02	81	7	01	2	0	0	8	1										
31	10	9839	40	38	36	07	08	81	8	51	5	5	5	5	2										
31	13	9818	43	43	41	00	00	81	6	01	5	5	5	5	0	8									
31	16	9808	47	44	40	32	24	81	4	01	1	2	8	5	0	8									
31	19	9819	43	41	37	29	27	81	7	03	1	6	5	5	0	8									
31	22	9827	43	40	36	29	28	81	2	01	1	2	5	5						27	43	377	0022	47	41

Results of Surface Observations, Macquarie Island, February, 1955

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	9850	41	39	35	29	27	81	2	02	1	2	5	5											
01	04	9880	41	39	35	29	23	81	3	02	1	3	5	5											
01	07	9909	41	40	40	31	16	80	5	80	1	5	8	5											
01	10	9910	45	43	41	33	09	81	7	03	8	2	2	5	3	6									
01	13	9920	46	43	38	30	04	81	7	02	2	1	1	5	7	8									
01	16	9919	43	41	38	36	04	64	8	61	8	1	7	4	1										
01	19	9900	42	41	40	12	18	64	8	50	6	6	5	4	1										
01	22	9868	43	43	43	14	24	32	8	63	6	8	5	3						13	36	569	0006	47	40
02	01	9827	43	43	43	15	28	32	8	61	6	8	5	2											
02	04	9855	41	42	41	17	26	48	8	02	6	8	5	3											
02	07	9907	42	40	37	18	22	80	7	02	2	7	8	4											
02	10	9955	44	41	38	18	17	82	5	01	1	5	1	5											
02	13	0006	44	40	34	27	25	82	5	02	1	5	1	5											
02	16	0037	42	39	34	27	23	81	7	03	1	6	8	5	3										
02	19	0068	42	39	34	27	20	81	7	03	8	7	5	4											
02	22	0073	42	40	37	28	22	81	8	20	8	8	5	5						17	40	528	0021	47	41
03	01	0040	44	43	42	31	25	81	8	50	5	8	5	4											
03	04	0005	46	46	46	31	26	08	8	59	5	8	6	1											
03	07	0016	40	40	40	28	26	16	8	51	5	8	6	2											
03	10	0036	44	43	41	27	29	81	8	15	2	8	5	5											
03	13	0061	43	41	37	27	29	81	6	01	2	6	5	5											
03	16	0091	44	40	36	27	25	81	7	02	2	7	5	5											
03	19	0120	43	40	37	26	23	81	3	01	1	3	5	5											
03	22	0137	43	40	36	27	22	81	7	03	1	7	5	5						27	46	644	0003	45	42
04	01	0138	43	41	39	27	22	81	8	02	2	8	5	5											
04	04	0134	44	43	42	28	22	81	7	02	2	7	5	4											
04	07	0126	45	45	45	29	23	24	8	61	6	8	6	2											
04	10	0122	46	45	45	28	22	20	8	50	6	8	6	2											
04	13	0128	47	47	47	28	21	24	8	02	5	8	6	2											
04	16	0138	46	46	46	28	21	24	8	50	2	8	6	2											
04	19	0152	45	45	45	27	19	12	8	51	5	8	6	2											
04	22	0158	45	45	45	28	14	16	8	51	5	8	6	2						27	35	613	0007	44	44
05	01	0161	44	44	44	28	18	16	8	51	5	8	6	2											
05	04	0166	44	44	44	27	16	40	8	02	5	8	6	2											
05	07	0163	45	45	45	29	15	48	7	02	2	6	6	2	3										
05	10	0161	46	46	46	33	16	08	8	50	2	8	6	0											
05	13	0130	47	47	47	31	14	24	8	01	5	8	6	1											
05	16	0136	46	46	46	29	21	05	8	10	2	8	6	0											
05	19	0122	46	46	46	32	11	16	8	03	2	8	6	1											
05	22	0107	46	46	46	31	20	05	8	50	2	8	6	0						31	30	531	0000	48	44
06	01	0065	47	47	46	32	24	16	8	01	5	8	6	2											
06	04	0026	47	47	47	32	24	16	8	51	5	8	6	2											
06	07	0008	47	47	47	32	20	24	8	59	5	8	6	2											
06	10	0022	47	46	45	26	18	81	3	01	6	2	6	3	3										
06	13	0022	48	46	45	29	19	81	3	02	1	2	5	4	0	2									
06	16	0020	47	45	42	29	22	81	1	02	1	1	1	4											
06	19	0016	46	45	44	31	22	81	2	02	1	1	5	4	0	2									
06	22	9991	46	45	44	31	24	81	8	03	1	0	0	9	7					31	36	605	0024	48	45
07	01	9955	47	46	45	31	30	81	8	03	1	8	5	4											
07	04	9920	45	44	43	31	32	32	8	61	6	3	7	4	2										
07	07	9936	46	44	42	29	23	81	1	01	6	1	5	4											
07	10	9940	45	44	43	30	21	64	7	15	8	6	8	4	3										
07	13	9961	45	44	42	29	27	81	7	02	2	3	8	4	0	5									
07	16	9985	45	43	40	27	20	81	5	25	8	5	8	5											
07	19	0016	43	41	38	27	21	81	4	02	8	4	8	5											
07	22	0055	40	39	39	26	22	80	7	80	8	7	8	4						31	57	696	0003	47	38
08	01	0077	40	38	36	26	26	80	8	50	8	8	5	5											
08	04	0092	40	39	38	27	19	72	7	15	5	7	5	4											
08	07	0120	43	41	36	27	20	81	5	01	1	4	1	4	0	1									
08	10	0127	45	43	40	29	18	82	6	03	0	3	8	5	1	1									
08	13	0111	46	45	44	31	17	81	7	03	1	1	8	5	7										
08	16	0097	46	45	44	31	20	81	7	03	2	3	8	5	7										
08	19	0090	45	45	45	32	24	56	8	03	2	4	6	4	7										
08	22	0071	46	45	45	32	26	56	8	03	2	8	5	5						27	42	568	0004	47	38
09	01	0043	46	46	46	32	30	40	8	53	2	8	5	4											
09	04	0014	46	46	46	32	31	24	8	53	5	8	6	4											
09	07	9994	46	46	46	32	31	24	8	53	5	8	6	4											
09	10	9983	46	46	46	31	29	48	8	61	6	8	6	2											
09	13	9972	43	43	42	27	20	48	8	61	6	8	6	4											
09	16	9964	43	43	42	29	19	81	7	02	6	7	5	4											
09	19	9972	44	42	40	29	20	81	3	01	1	3	5	4											
09	22	9981	44	42	39	29	23	80	6	80	8	6	8	4						31	34	701	0020	47	41

Results of Surface Observations, Macquarie Island, February, 1955

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	9974	44	43	41	29	24	80	7	80	8	7	8	4												
10	04	9971	43	41	38	29	28	80	7	80	2	3	8	4	7											
10	07	9980	44	42	38	29	25	81	3	01	1	3	5	4												
10	10	9983	45	42	38	29	24	81	3	02	0	3	1	5												
10	13	9993	43	42	40	27	22	81	7	25	8	6	2	5	3											
10	16	0023	40	39	38	27	42	32	7	87	1	8	2	4												
10	19	0047	41	39	36	27	30	80	7	15	8	7	8	5												
10	22	0068	42	39	34	26	25	80	6	02	8	6		5							27	57	612	0025	46	39
11	01	0082	42	40	38	26	21	81	5	25	8	4	5	5	3											
11	04	0104	42	40	38	26	28	48	7	25	8	7	8	4												
11	07	0129	43	41	38	26	25	81	4	01	8	3	8	5	3											
11	10	0150	45	43	39	27	25	80	7	03	1	7	8	4												
11	13	0164	45	43	41	27	23	80	8	50	2	8	5	4												
11	16	0174	44	42	40	27	24	81	7	01	5	7	8	4												
11	19	0174	44	43	41	28	23	81	7	01	2	2	8	4	5											
11	22	0178	44	43	42	29	18	81	6	01	2	3	8	4	7	1					27	46	717	0010	46	39
12	01	0167	45	44	44	29	21	82	8	01	2	8	0	9	7											
12	04	0156	45	44	43	29	25	82	7	01	8	3	8	5	7											
12	07	0144	46	45	44	30	25	81	7	02	2	2	8	5	7											
12	10	0133	46	45	44	30	22	81	8	02	2	2	5	5	7											
12	13	0114	47	45	43	31	21	81	8	02	2	3	5	6	7											
12	16	0087	46	46	45	31	18	64	8	05	2	8	6	1	0											
12	19	0055	45	45	45	31	09	32	8	61	6	8	6	0	0											
12	22	0026	46	46	46	29	07	24	8	61	6	8	6		0						29	32	626	0001	47	43
13	01	0007	45	45	45	00	00	02	8	50	5	8	6	0												
13	04	0003	44	44	44	18	04	81	6	02	5	0	0	9	7											
13	07	0011	45	45	44	00	00	74	8	02	2	1	6	3	7											
13	10	0010	45	45	44	29	01	81	8	02	2	4	6	4	7											
13	13	9998	46	46	46	29	05	81	8	02	2	4	5	4	7											
13	16	9988	47	47	46	28	07	81	7	02	2	4	5	4	7											
13	19	9979	45	45	45	29	03	64	8	21	6	8	5	2												
13	22	9968	45	45	44	31	05	16	8	21	2	8	5	3							18	16	303	0037	49	43
14	01	9946	45	45	44	29	11	48	8	02	6	8	6	3												
14	04	9930	43	42	41	27	18	80	7	02	2	3	6	4	3											
14	07	9923	43	42	42	28	14	80	8	60	2	8	5	4												
14	10	9916	44	43	43	28	16	80	8	81	8	8	8	4												
14	13	9917	43	42	40	28	16	80	7	01	8	8	8	4												
14	16	9941	42	38	32	20	10	81	7	01	8	7	8	5												
14	19	9958	40	37	32	24	06	81	7	03	1	7	8	5												
14	22	9961	40	37	33	26	13	81	5	25	2	5	8	5							27	40	326	0009	45	36
15	01	9968	39	36	32	27	08	81	6	03	2	6	5	4												
15	04	9978	37	36	35	29	14	81	5	88	8	5	8	5												
15	07	9993	40	39	39	27	11	81	4	01	8	4	8	5												
15	10	0003	43	41	39	27	19	81	7	15	2	6	8	5	7											
15	13	0019	45	42	37	26	22	81	7	02	8	3	5	5	7											
15	16	0033	44	41	37	26	21	81	6	02	2	2	8	5	7											
15	19	0045	43	41	36	28	18	81	7	02	2	3	5	5	7	8										
15	22	0053	43	41	36	28	19	81	2	01	1	2	5	5							27	32	401	0010	45	35
16	01	0061	44	43	40	29	20	64	8	60	6	8	6	4												
16	04	0067	44	44	43	29	20	81	2	01	6	1	6	4	7											
16	07	0093	45	44	44	29	10	81	6	02	1	1	6	4	7											
16	10	0102	47	45	43	30	10	82	5	02	2	1	0	9	5											
16	13	0112	47	46	44	30	12	82	4	01	1	1	1	5	4	1										
16	16	0112	47	46	44	31	17	81	6	03	1	3	5	4	3	1										
16	19	0120	46	46	46	32	16	80	8	03	2	3	8	4	3											
16	22	0130	46	46	46	32	18	40	8	02	2	8	5	3							29	30	506	0003	48	43
17	01	0129	46	46	46	31	14	64	8	02	2	8	5	3												
17	04	0128	46	46	46	31	15	48	8	51	5	8	5	3												
17	07	0131	46	46	46	31	18	64	7	02	5	7	5	3												
17	10	0135	47	47	47	32	20	20	8	50	5	8	1	3												
17	13	0130	47	47	47	32	14	80	8	02	5	8	6	3												
17	16	0127	47	47	47	32	09	56	8	02	2	8	6	2												
17	19	0116	46	46	46	33	11	05	8	52	2	8	6	0												
17	22	0104	45	45	45	33	05	10	8	50	5	8	6	1							31	26	487	0003	48	45
18	01	0072	45	45	45	33	05	32	8	01	5	8	6	4												
18	04	0041	45	45	45	33	04	32	8	20	5	8	6	1												
18	07	0016	45	45	45	33	04	56	7	01	2	7	5	4												
18	10	9992	46	45	45	34	07	81	8	02	2	2	6	3	7	8										
18	13	9959	47	45	43	34	06	81	8	02	2	3	6	3	7	8										
18	16	9925	48	47	45	33	02	81	6	02	2	4	5	4	7											
18	19	9910	45	44	43	35	06	81	7	02	2	5	6	2	7											
18	22	9895	46	45	44	35	08	81	8	02	2	8	5	5							36	13	269	0006	48	44

Results of Surface Observations, Macquarie Island, February, 1955

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	9881	46	44	43	35	08	81	8	02	2	8	5	4											
19	04	9869	45	45	44	00	00	81	8	02	2	8	6	3											
19	07	9873	45	45	45	00	00	48	8	05	2	8	6	2											
19	10	9869	46	46	46	08	01	48	8	50	2	6	6	3	7										
19	13	9857	47	46	45	09	03	64	7	02	5	5	6	3	7										
19	16	9849	47	46	45	13	02	64	7	02	2	4	6	2	7										
19	19	9829	45	45	44	12	10	24	8	02	2	8	6	0											
19	22	9803	44	44	44	14	16	48	8	60	2	8	6	3						13	20	176	0000	48	43
20	01	9781	43	43	43	16	13	32	8	61	6	8	6	3											
20	04	9774	43	42	41	19	09	64	8	61	6	8	6	4											
20	07	9787	42	41	41	22	16	48	8	61	6	8	6	3											
20	10	9811	41	40	39	27	17	32	8	53	5	8	5	4											
20	13	9839	42	40	37	26	25	80	7	20	5	6	5	5											
20	16	9868	40	37	32	26	24	64	7	03	2	7	5	5											
20	19	9911	39	35	29	26	20	81	3	01	2	3	5	5											
20	22	9940	41	38	32	26	19	81	6	03	1	6	5	5						25	45	325	0041	44	38
21	01	9953	43	41	36	28	17	64	7	52	2	7	5	4											
21	04	9956	44	42	40	29	25	80	6	03	1	6	6	4											
21	07	9929	45	44	43	31	28	24	8	52	2	8	5	4											
21	10	9908	45	45	44	31	31	40	8	61	6	8	6	3											
21	13	9850	46	45	45	31	32	16	8	58	6	8	6	2											
21	16	9815	45	44	43	31	25	64	8	61	6	5	6	3	2										
21	19	9818	44	42	39	29	25	81	1	01	6	1	5	4											
21	22	9824	44	42	40	29	28	81	2	01	1	2	6	4						31	47	618	0009	47	40
22	01	9938	43	42	42	29	32	81	2	02	1	2	5	4											
22	04	9849	42	40	37	28	31	81	5	15	8	5	8	4											
22	07	9864	43	40	34	28	33	64	7	80	8	7	8	4											
22	10	9873	47	45	43	28	27	64	6	80	8	6	8	4											
22	13	9884	44	42	38	29	32	81	4	16	8	4	2	5											
22	16	9891	43	41	38	29	30	81	1	25	8	1	9	5											
22	19	9896	42	41	39	28	27	80	5	02	1	5	8	5											
22	22	9908	42	40	39	29	24	81	3	25	1	3	2	5						29	60	833	0019	47	39
23	01	9913	42	41	38	29	28	64	7	03	8	7	8	4											
23	04	9925	42	41	38	29	25	80	5	02	8	4	8	5	3										
23	07	9941	43	43	42	29	23	81	5	02	2	3	1	5	0	1									
23	10	9949	45	43	40	29	20	81	4	01	1	4	8	5											
23	13	9957	46	44	41	29	17	81	4	01	1	2	8	5	0	5									
23	16	9948	45	44	42	29	10	82	2	02	2	1	8	5	0	8									
23	19	9948	43	42	41	28	13	82	3	01	1	3	8	5											
23	22	9949	42	40	37	27	12	82	4	02	1	4	8	5						29	47	780	0004	47	38
24	01	9946	42	41	40	29	19	82	4	03	1	4	8	5											
24	04	9939	42	41	40	29	21	82	3	01	1	3	8	5											
24	07	9937	43	43	41	31	18	81	7	03	1	1	8	5	1	8									
24	10	9906	44	44	44	33	30	48	8	61	6	8	6	3											
24	13	9887	46	45	44	30	24	80	7	21	6	6	6	3											
24	16	9893	46	45	44	30	20	81	5	01	1	2	6	3	7										
24	19	9920	43	41	38	28	19	81	6	02	1	2	5	4	7										
24	22	9932	43	41	38	29	24	81	1	01	1	1	5	4						33	39	484	0002	46	41
25	01	9908	43	41	39	31	19	48	8	61	6	8	6	5											
25	04	9881	41	41	40	29	14	40	8	58	6	8	6	3											
25	07	9889	43	41	38	28	18	81	3	01	6	3	5	5											
25	10	9897	38	37	35	26	27	32	8	87	1	8	7	3	4										
25	13	9904	43	41	38	28	35	32	7	81	8	7	2	5											
25	16	9895	45	43	39	29	29	80	6	15	8	2	8	4	7	8									
25	19	9890	42	40	37	29	29	80	7	15	8	5	2	5	7										
25	22	9908	42	40	37	29	27	80	5	02	8	5	2	5						29	61	611	0025	45	37
26	01	9958	41	38	31	27	38	80	3	25	8	3	2	5											
26	04	9995	41	37	30	27	31	80	7	03	1	5	5	5	7										
26	07	0033	42	39	34	27	20	81	6	02	2	6	8	4											
26	10	0047	43	41	38	27	21	81	6	80	2	6	8	5											
26	13	0057	45	41	34	27	18	83	3	01	1	2	8	6	0	1									
26	16	0058	44	41	34	27	20	82	7	03	1	6	8	5	0	1									
26	19	0048	43	40	38	33	10	82	7	03	1	7	8	6											
26	22	0010	44	43	42	35	05	82	8	02	2	8	0	7	2					27	51	792	0010	45	40
27	01	9938	45	45	44	01	08	80	8	50	2	8	5	3											
27	04	9852	46	46	46	35	30	12	8	55	5	8	5	2											
27	07	9809	45	45	45	33	20	40	6	20	5	6	6	3											
27	10	9790	46	46	46	32	22	80	4	01	1	1	6	4	7										
27	13	9755	46	47	45	34	13	32	8	02	8	6	6	4	2										
27	16	9714	44	44	44	33	09	40	8	51	6	6	6	4	2										
27	19	9697	44	44	44	29	01	32	5	51	5	3	6	4	3	1									
27	22	9721	44	43	42	26	13	80	2	01	5	2	6	4						36	54	424	0038	48	43

Results of Surface Observations, Macquarie Island, February, 1955

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	9770	43	42	41	25	15	40	8	50	1	8	6	3											
28	04	9821	40	39	38	25	28	40	8	60	6	8	5	4											
28	07	9916	41	39	36	18	24	32	8	60	6	8	5	4											
28	10	9977	42	39	34	22	22	81	7	25	8	7	8	4											
28	13	0039	42	39	31	22	14	81	7	15	2	7	5	4											
28	16	0091	41	37	31	20	14	81	7	15	2	7	8	5											
28	19	0128	40	36	30	20	12	81	5	02	1	5	5	4											
28	22	0153	38	35	30	22	02	81	2	01	1	2	5	4						27	55	462	0011	43	38

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	0161	40	38	35	28	06	81	1	02	1	1	5	4											
01	04	0160	43	40	37	31	08	81	8	03	1	8	5	7											
01	07	0155	44	43	42	32	15	81	8	02	6	8	5	6											
01	10	0146	45	44	42	32	18	82	7	03	1	1	4	5	7										
01	13	0118	45	44	42	33	25	80	8	03	2	8	5	5											
01	16	0084	45	44	41	33	28	81	8	02	2	5	5	5	7										
01	19	0047	45	44	43	33	26	80	8	60	2	5	5	4	7										
01	22	0004	45	45	44	33	28	56	8	63	6	8	6	2						33	34	382	0000	46	40
02	01	9941	46	46	45	33	33	56	8	63	6	8	6	2											
02	04	9950	43	43	43	29	18	56	8	21	6	8	6	4											
02	07	9974	45	43	41	29	21	80	2	01	1	2	8	5											
02	10	9985	45	44	43	30	20	81	3	25	8	3	2	5											
02	13	0002	47	45	41	29	22	81	4	02	0	4	8	5											
02	16	0015	43	43	42	29	31	81	6	25	1	6	8	5											
02	19	0026	44	43	41	29	22	80	6	15	1	6	8	5											
02	22	0040	44	42	39	29	21	81	2	01	8	2	1	5						33	42	730	0034	47	42
03	01	0044	44	42	40	30	19	80	6	02	0	3	5	5											
03	04	0037	44	42	39	31	13	64	7	03	1	2	5	5	1										
03	07	0034	44	43	41	31	12	63	7	02	2	2	5	5	7	4									
03	10	0032	44	44	43	31	18	81	8	25	8	5	6	3	2										
03	13	0026	44	44	44	29	13	81	8	61	6	6	6	3	2										
03	16	0022	45	45	45	31	10	81	7	02	2	4	5	5											
03	19	0036	44	44	43	29	09	81	8	02	2	8	6	5											
03	22	0046	44	44	44	31	08	81	8	02	2	8	6	3						29	26	600	0002	46	43
04	01	0055	41	41	41	16	10	16	8	51	5	8	6	1											
04	04	0071	40	40	39	17	04	81	8	02	5	8	5	7											
04	07	0096	41	40	39	26	08	81	8	02	2	8	5	7											
04	10	0107	42	39	35	26	08	82	7	03	1	6	5	7	7										
04	13	0115	44	40	34	30	08	82	7	03	1	7	5	7											
04	16	0113	44	43	41	31	06	82	8	03	1	0	0	9	7										
04	19	0107	44	43	43	33	13	82	8	03	2	4	5	7	7										
04	22	0096	44	44	43	33	18	80	8	60	2	8	5	5						33	24	319	0002	46	39
05	01	0065	45	45	45	33	25	40	8	58	6	8	6	3											
05	04	0065	44	44	44	31	07	64	7	01	6	7	5	4											
05	07	0073	44	44	44	31	07	80	7	25	2	6	8	4	7										
05	10	0076	45	45	44	33	10	81	7	03	1	5	8	4	7										
05	13	0075	46	46	45	32	07	80	7	02	2	6	5	5	3										
05	16	0074	45	45	45	33	01	80	7	02	2	7	5	4											
05	19	0077	44	44	44	00	00	40	5	01	1	4	5	4	3										
05	22	0059	43	43	43	15	11	02	9	45	4	8	6	0						33	33	395	0003	47	43
06	01	0021	43	43	43	13	13	02	9	45	4	8	6	0											
06	04	9968	44	44	42	13	24	05	8	02	4	8	6	1											
06	07	9897	44	44	43	13	35	20	8	02	2	8	6	2											
06	10	9835	43	43	43	12	42	08	8	61	6	8	6	3											
06	13	9810	43	43	43	14	28	16	8	61	6	8	6	2											
06	16	9822	43	43	43	16	25	16	8	61	6	8	6	3											
06	19	9908	42	41	40	20	17	40	8	61	6	8	6	3											
06	22	9945	42	41	40	26	26	81	7	21	6	7	6	3						13	53	471	0010	45	41
07	01	9991	43	43	43	27	16	81	7	02	2	7	5	4											
07	04	9997	43	43	42	29	10	48	8	60	6	8	6	2											
07	07	0016	44	42	40	28	16	81	1	01	6	1	5	4											
07	10	0027	45	44	42	28	16	81	2	02	0	1	1	4	0	5									
07	13	0024	47	45	43	31	09	80	7	03	1	1	8	4	0	5									
07	16	0004	45	43	41	34	12	81	8	02	2	0	0	9	2										
07	19	9988	45	44	44	33	08	80	8	03	2	2	6	3	2										
07	22	9968	45	44	44	33	12	80	8	50	2	7	5	7	1					29	29	614	0061	47	43
08	01	9947	45	44	43	31	12	80	8	02	5	8	0	9	1										
08	04	9942	44	44	43	31	08	56	8	59	2	8	5	4											
08	07	9934	45	45	44	33	15	24	8	20	5	7	5	4	7										
08	10	9922	46	45	44	33	17	56	7	02	2	6	5	4	7										
08	13	9891	46	45	44	33	24	64	7	02	5	5	5	4	7										
08	16	9858	46	45	44	33	26	48	8	02	6	5	6	3	2										
08	19	9835	46	46	46	33	29	16	8	60	6	5	6	2	2										
08	22	9843	46	45	44	31	19	48	7	02	6	7	5	5						31	33	383	0006	46	44
09	01	9835	45	45	45	31	14	56	8	02	8	8	5	5											
09	04	9817	45	45	44	31	18	64	8	51	5	8	5	5											
09	07	9785	46	46	46	33	24	12	8	51	5	8	6	2	3										
09	10	9762	46	46	46	31	32	16	8	61	6	8	6	3											
09	13	9773	46	44	42	29	26	81	2	01	6	2	6	4											
09	16	9802	46	43	40	29	24	80	7	15	2	6	8	4											
09	19	9830	45	43	41	29	21	81	4	01	1	3	5	4	0	8									
09	22	9846	45	43	40	29	24	81	2	01	1	0	0	9	0	8				31	47	654	0012	48	43

Results of Surface Observations,
Macquarie Island, March, 1955

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	9867	43	42	38	29	27	81	2	02	1	1	5	4	0	8									
10	04	9887	43	41	39	29	26	81	1	02	1	1	5	4											
10	07	9917	43	41	38	29	22	81	3	03	8	3	5	5											
10	10	9937	42	41	39	28	29	64	7	80	8	7	2	5											
10	13	9963	44	42	38	27	18	81	4	01	8	4	2	5											
10	16	9990	42	40	37	28	21	81	3	25	8	3	2	5											
10	19	0020	43	41	36	28	27	81	3	01	8	3	8	5											
10	22	0025	45	43	42	31	22	80	7	80	8	7	8	5						27	43	747	0007	46	39
11	01	0031	46	45	44	29	29	48	8	48	8	8	5	4											
11	04	0050	46	45	44	30	24	64	8	51	5	8	5	4											
11	07	0071	46	45	44	30	21	10	8	53	5	8	6	2											
11	10	0087	46	46	45	30	20	40	8	02	0	8	6	3											
11	13	0091	47	46	46	30	21	48	8	15	2	8	6	3											
11	16	0094	46	46	45	31	24	48	8	05	2	8	6	3											
11	19	0103	46	45	44	30	20	48	8	05	2	8	5	5											
11	22	0105	46	45	44	31	21	81	8	02	2	8	5	5						29	33	708	0006	47	45
12	01	0097	46	46	45	31	27	81	7	02	2	3	6	3	7	8									
12	04	0087	46	46	46	31	26	32	8	05	2	8	6	2											
12	07	0076	46	46	46	31	24	48	8	05	2	7	6	2	0	8									
12	10	0048	47	46	44	33	27	48	8	02	2	8	6	4											
12	13	0009	47	46	45	33	33	48	8	02	2	7	6	4	1										
12	16	9984	47	46	45	31	34	48	8	05	2	8	6	3											
12	19	9989	47	47	46	32	28	12	8	52	6	8	6	2											
12	22	0017	43	43	41	28	13	64	7	02	5	7	6	4						31	44	639	0000	48	43
13	01	0026	43	42	42	30	09	81	0	01	1	0													
13	04	0027	43	43	43	32	11	72	7	03	1	7	5	4											
13	07	0035	44	44	44	31	04	64	6	02	2	3	5	4	3	2									
13	10	0037	45	45	44	00	00	81	8	02	2	1	6	4	7	8									
13	13	0019	47	44	42	35	03	81	7	02	2	0	6	9	7	8									
13	16	9986	46	45	45	00	00	81	8	02	2	1	6	3	7	8									
13	19	9938	44	43	43	09	07	40	8	61	6	8	6	3											
13	22	9890	44	44	44	09	12	32	8	58	5	8	6	2						09	15	540	0005	48	42
14	01	9825	45	45	45	34	15	12	8	58	6	8	6	1											
14	04	9807	44	44	44	31	16	48	8	58	6	8	6	3											
14	07	9798	44	44	44	31	20	81	2	01	6	2	8	5											
14	10	9795	45	44	43	32	21	56	7	80	8	7	8	4											
14	13	9794	45	45	44	31	14	80	7	50	1	7	8	4											
14	16	9808	44	43	42	29	21	80	7	15	2	6	8	4	7										
14	19	9845	43	42	40	27	16	80	5	02	2	4	8	4	3										
14	22	9874	42	42	41	26	10	48	7	60	6	7	8	4						31	39	331	0033	46	39
15	01	9911	40	38	34	22	06	81	4	02	6	0	0	9	7										
15	04	9932	40	38	35	28	09	81	5	02	2	2	5	4	7										
15	07	9948	42	41	40	28	11	48	7	50	6	7	8	4											
15	10	9968	42	41	40	27	21	81	8	25	8	8	5	4											
15	13	9972	41	40	38	28	19	81	8	25	8	5	5	5	2										
15	16	9943	42	42	42	31	22	48	8	58	6	8	6	3											
15	19	9920	45	44	44	29	22	48	8	60	6	8	5	5											
15	22	9927	44	42	40	28	22	81	7	81	7	7	5	6						29	38	440	0010	45	39
16	01	9933	43	41	38	29	26	81	7	02	8	7	5	5											
16	04	9933	42	42	41	29	27	80	7	50	5	6	5	4											
16	07	9921	43	43	42	31	18	81	8	02	5	6	5	4	7										
16	10	9902	44	43	42	30	18	48	8	60	8	7	5	4	1										
16	13	9881	44	43	42	30	21	64	7	15	8	7	8	4											
16	16	9861	44	43	42	31	19	64	8	80	6	7	8	4	7										
16	19	9868	42	40	37	29	22	80	3	01	8	3	8	5											
16	22	9866	42	40	37	29	21	72	2	01	8	2	4	5						29	46	639	0009	46	39
17	01	9875	40	39	36	27	19	80	6	80	8	6	8	4											
17	04	9900	40	38	35	27	24	64	7	80	8	7	8	4											
17	07	9934	39	37	33	21	16	80	6	25	8	6	8	5											
17	10	9963	40	38	34	27	24	81	6	25	8	8	5	5											
17	13	9992	41	37	30	27	22	81	6	15	8	8	5	5											
17	16	0007	40	36	30	26	22	81	8	15	8	6	5	5											
17	19	0000	40	38	35	28	16	80	8	15	8	5	5	6											
17	22	9958	41	41	40	31	21	40	8	51	5	8	6	3						27	39	566	0017	44	37
18	01	9900	43	43	43	29	23	32	8	58	5	8	6	2											
18	04	9896	43	43	43	28	21	80	8	50	5	8	6	3											
18	07	9908	39	38	36	28	32	80	6	80	8	6	8	5											
18	10	9915	41	37	28	26	36	80	7	02	8	7	8	5											
18	13	9906	42	37	28	27	33	64	7	25	8	7	8	5											
18	16	9898	40	38	35	27	37	64	7	25	8	7	8	5											
18	19	9906	40	37	32	27	43	64	8	27	8	8	8	5											
18	22	9916	39	37	33	27	42	48	7	25	8	7	8	5						27	72	588	0010	44	34

Results of Surface Observations, Macquarie Island, March, 1955

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	9935	39	37	33	26	36	48	8	88	8	8	3	5											
19	04	9964	39	36	31	26	30	48	8	50	8	8	8	6											
19	07	9995	39	36	31	27	24	80	7	16	5	7	8	5											
19	10	0041	38	37	35	23	20	64	7	87	8	8	7	8											
19	13	0069	42	39	34	26	14	81	4	15	2	1	5	2											
19	16	0083	40	39	36	26	12	81	5	27	8	5	8	5											
19	19	0086	40	38	35	28	13	81	4	01	1	4	5	6											
19	22	0071	40	38	35	29	13	81	5	02	1	5	5	5						27	45	971	0016	43	34
20	01	0030	41	40	38	31	16	81	8	02	2	8	5	5											
20	04	9912	39	39	38	35	24	40	8	61	6	8	6	4											
20	07	9774	44	44	44	29	26	12	8	58	6	8	6	0											
20	10	9774	43	42	41	27	36	56	8	02	5	8	5	4											
20	13	9836	41	39	35	27	40	56	8	02	8	8	5	4											
20	16	9884	40	37	32	27	33	64	6	02	8	6	8	5											
20	19	9922	39	37	33	28	26	80	3	01	1	3	5	5											
20	22	9931	39	38	35	26	23	80	2	01	8	2	5	5						27	70	543	0043	44	35
21	01	9908	40	39	36	29	24	72	4	02	1	4	5	5											
21	04	9852	40	40	40	30	30	40	8	80	8	8	8	4											
21	07	9819	40	40	40	28	26	80	7	25	8	7	8	5											
21	10	9847	37	36	32	26	32	81	6	87	8	6	8	5											
21	13	9856	32	32	32	22	14	08	8	77	7	8	6	0											
21	16	9903	41	39	36	25	25	80	7	15	8	7	8	4											
21	19	9980	39	37	35	23	14	81	3	01	1	3	5	4											
21	22	0024	39	37	35	18	12	81	1	01	8	1	5	4						27	76	859	0015	41	32
22	01	0050	37	36	34	25	08	48	7	80	8	7	8	5											
22	04	0051	39	37	35	27	20	81	8	02	2	8	5	5											
22	07	0024	39	39	39	29	25	48	8	61	6	8	6	4											
22	10	9981	42	42	42	30	28	12	8	51	6	8	6	2											
22	13	9949	44	43	43	29	29	40	8	20	5	6	6	3	1										
22	16	9948	44	43	43	28	22	12	8	50	2	8	6	2											
22	19	9958	44	44	43	28	21	16	8	51	5	8	6	3											
22	22	9967	43	43	43	27	25	16	8	51	5	8	6	3						29	42	586	0015	44	37
23	01	9974	43	42	41	26	25	40	8	51	5	8	6	3											
23	04	9981	42	42	41	27	20	48	8	51	5	8	6	3											
23	07	9987	42	42	41	26	18	32	8	02	5	8	6	3											
23	10	9987	42	42	42	28	10	64	8	58	6	6	6	2	2										
23	13	9967	42	42	42	31	02	04	8	61	6	8	6	0											
23	16	9924	42	42	42	00	00	02	8	51	5	8	6	0											
23	19	9881	43	43	43	01	03	08	8	61	6	8	6	2											
23	22	9843	42	42	42	00	00	12	8	58	6	8	6	2						27	40	680	0010	44	41
24	01	9828	43	43	43	28	07	02	8	51	5	8	6	0											
24	04	9839	41	41	41	16	12	08	8	51	5	8	6	0											
24	07	9884	40	40	40	00	00	80	6	05	5	6	6	1											
24	10	9885	41	41	40	29	10	40	8	20	5	6	6	1											
24	13	9844	42	42	42	31	18	32	8	62	5	6	6	2	2										
24	16	9832	44	43	42	28	26	80	8	15	5	6	6	3	7										
24	19	9869	41	39	35	26	30	80	5	01	8	5	4	5											
24	22	9890	41	38	33	27	29	80	3	02	8	3	4	5						27	50	240	0036	44	37
25	01	9898	40	39	37	27	24	80	7	80	1	7	4	4											
25	04	9915	37	37	37	27	28	81	2	27	2	2	2	5											
25	07	9925	41	40	39	28	25	81	5	15	8	5	8	5											
25	10	9942	43	41	39	27	21	81	4	02	1	4	5	5											
25	13	9926	43	40	36	29	18	81	8	02	2	0	9	3	7										
25	16	9892	41	41	40	31	17	48	8	61	6	8	6	3											
25	19	9866	41	40	39	29	09	80	8	05	6	6	6	5											
25	22	9861	41	40	39	27	16	81	3	01	1	3	6	4						27	47	811	0014	43	35
26	01	9861	39	37	35	27	24	81	3	25	8	3	5	5											
26	04	9861	39	38	37	28	26	81	2	01	1	2	5	0											
26	07	9868	39	38	37	28	24	81	6	03	1	1	6	4	7	8									
26	10	9866	40	38	35	29	24	80	7	02	1	2	6	5	3	8									
26	13	9848	41	40	37	29	15	72	7	03	1	2	6	4	2										
26	16	9868	38	37	35	23	12	81	7	61	6	3	6	4	7										
26	19	9922	38	37	35	27	24	81	3	01	8	3	2	5											
26	22	9957	39	37	33	26	25	81	7	87	1	7	2	4						27	47	530	0015	41	35
27	01	9972	39	38	35	26	25	81	6	02	8	6	2	4											
27	04	9996	40	39	36	27	24	80	5	27	8	5	2	5											
27	07	0015	39	37	34	27	22	48	7	80	8	7	2	5											
27	10	0009	41	39	38	29	17	81	7	02	8	4	5	5	7										
27	13	9958	40	40	40	31	15	32	8	61	6	8	6	3											
27	16	9925	43	43	43	29	28	40	8	61	6	8	6	3											
27	19	9944	42	41	40	27	28	80	6	80	8	6	6	4											
27	22	9983	38	37	35	23	16	81	3	25	8	3	5	4						27	48	589	0025	44	37

Results of Surface Observations.
Macquarie Island, March, 1955

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	0027	37	37	36	23	06	81	3	01	1	3	5	4											
28	04	0048	39	36	33	26	11	81	2	02	1	2	5	4											
28	07	0060	39	38	36	27	10	81	5	03	1	6	5	5											
28	10	0061	41	39	35	28	07	80	7	21	2	4	8	5	7	8									
28	13	0047	41	38	33	29	03	81	7	02	2	2	5	5	7										
28	16	0019	40	39	36	01	05	80	8	02	2	2	8	4	7	8									
28	19	9979	41	40	38	33	11	80	8	02	2	8	5	5											
28	22	9917	42	42	41	02	05	24	8	53	5	8	6	2						27	48	589	0025	44	37
29	01	9813	43	43	43	03	12	24	8	53	6	8	6	2											
29	04	9752	44	44	44	32	19	24	8	63	6	8	6	2											
29	07	9767	43	41	38	29	29	80	5	01	6	8	4	3											
29	10	0061	41	39	35	28	07	80	7	21	2	4	8	5	7	8									
29	13	0047	41	38	33	29	03	81	7	02	2	2	5	5	7										
29	16	0019	40	39	36	01	05	80	8	02	2	2	8	4	7	8									
29	19	9979	41	40	38	33	11	80	8	02	2	8	5	5											
29	22	9917	42	42	41	02	05	24	8	53	5	8	6	2						25	28	526	0023	43	37
30	01	9813	43	43	43	03	12	24	8	53	8	8	6	2											
30	04	9752	44	44	44	32	19	24	8	63	6	8	6	2											
30	07	9767	43	41	38	29	29	80	5	01	6	3	8	4	3										
30	10	9839	42	38	30	29	43	80	6	02	2	4	5	5	0	8									
30	13	9894	42	39	33	28	36	80	7	15	8	7	8	5											
30	16	9940	41	38	33	28	28	80	6	02	8	6	8	5											
30	19	9968	41	39	37	29	23	81	2	25	8	2	5	5											
30	22	9955	43	42	41	32	25	64	8	58	8	8	5	4						27	72	004	0023	43	38
31	01	9910	43	43	42	32	32	48	8	61	6	8	5	4											
31	04	9863	42	41	40	31	28	80	8	25	6	8	5	5											
31	07	9864	41	40	39	29	31	80	8	16	8	7	8	4	1										
31	10	9964	38	35	31	27	28	80	8	15	8	8	5	5											
31	13	0010	37	35	31	26	22	32	8	87	8	7	8	4											
31	16	0043	36	34	29	25	14	81	8	70	7	5	5	5											
31	19	0090	36	34	30	20	05	81	8	02	2	8	5	7											
31	22	0104	36	33	26	26	04	81	7	02	2	7	5	6						27	59	848	0015	45	33

Results of Surface Observations, Macquarie Island, April, 1955

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	0108	37	33	26	28	14	81	1	26	7	1	5	6											
01	04	0106	38	35	30	29	19	81	7	03	1	7	5	5											
01	07	0108	39	37	36	29	17	81	6	02	1	3	5	5											
01	10	0114	39	38	37	29	26	64	8	60	2	4	5	4	2										
01	13	0082	41	39	36	29	22	80	7	15	6	5	8	4	7										
01	16	0072	41	39	37	29	25	48	8	60	2	3	6	4	2										
01	19	0063	41	41	40	30	29	40	8	61	6	3	7	4	2										
01	22	0065	41	41	41	29	25	64	8	21	6	3	7	4	2					29	42	479	0003	42	45
02	01	0068	41	41	41	29	23	56	8	02	2	8	6	5											
02	04	0070	41	41	41	29	20	64	7	02	2	7	6	5											
02	07	0077	42	42	42	29	18	64	7	02	2	6	5	4	7										
02	10	0079	42	42	42	29	20	81	7	02	5	7	5	3											
02	13	0082	42	42	42	29	19	81	8	02	2	8	5	3											
02	16	0079	42	42	42	28	22	80	8	05	2	8	6	2											
02	19	0089	42	42	42	28	14	02	8	50	5	8	6	0											
02	22	0091	43	43	43	26	23	04	8	45	5	8	6	3						29	31	699	0003	43	41
03	01	0100	42	42	42	26	12	04	8	51	5	8	6	2											
03	04	0110	41	41	41	27	10	04	8	51	5	8	6	1											
03	07	0119	41	41	41	29	03	32	8	10	5	8	6	1											
03	10	0119	42	42	42	27	07	16	8	10	2	8	6	0											
03	13	0115	43	43	43	28	08	03	8	45	4	8	6	0											
03	16	0106	42	42	42	27	04	24	6	10	4	6	6	1											
03	19	0105	42	42	42	28	03	24	8	02	5	8	6	1											
03	22	0093	42	42	42	33	09	08	8	50	5	8	6	0						27	25	468	0001	44	41
04	01	0071	42	42	42	30	06	16	8	20	5	8	6	0											
04	04	0061	42	42	42	34	01	03	8	51	5	8	6	0											
04	07	0053	42	42	42	27	08	03	8	45	5	8	6	0											
04	10	0047	43	43	42	27	12	03	8	45	4	8	6	0											
04	13	0040	43	43	42	30	07	02	8	47	4	8	6	0											
04	16	0033	43	43	43	27	11	32	8	10	4	8	6	1											
04	19	0030	44	43	43	30	18	24	8	50	6	8	6	2											
04	22	0029	43	43	43	30	18	03	8	53	5	8	6	2						27	24	273	0002	45	41
05	01	0034	43	43	43	30	11	03	8	53	5	8	6	2											
05	04	0034	43	43	43	30	05	01	8	47	5	8	6	0											
05	07	0031	43	43	43	32	12	04	8	53	6	8	6	1											
05	10	0022	44	44	44	31	18	04	8	45	4	8	6	0											
05	13	0002	44	44	44	31	24	40	8	10	4	8	6	1											
05	16	9978	44	44	44	31	24	24	8	50	6	8	6	1											
05	19	9950	45	45	45	31	24	32	8	58	6	6	6	2											
05	22	9931	45	45	45	31	26	32	8	60	6	8	6	2						31	37	454	0010	46	42
06	01	9881	46	46	46	32	32	32	8	61	6	8	6	2											
06	04	9868	45	45	45	32	27	80	8	60	6	5	6	4											
06	07	9912	40	38	35	27	23	81	7	01	6	2	5	4	7										
06	10	9938	41	39	35	29	20	56	6	87	8	6	8	4											
06	13	9950	42	39	34	29	26	81	2	01	8	2	2	5											
06	16	9957	44	43	43	31	31	56	7	81	8	6	8	4											
06	19	9961	41	39	37	30	22	64	6	50	1	6	8	4											
06	22	9946	39	39	39	31	20	32	8	53	5	8	0	4	2					31	50	809	0010	46	36
07	01	9968	37	36	36	30	08	64	7	25	8	7	8	3											
07	04	0020	40	37	32	26	22	80	5	01	1	5	8	5											
07	07	0056	38	37	36	27	22	32	7	83	8	6	8	4											
07	10	0055	42	41	37	29	20	81	8	15	2	2	6	4	7										
07	13	0026	43	43	42	31	26	81	8	02	2	2	6	3	7										
07	16	9992	44	44	44	31	31	12	8	51	5	8	6	1											
07	19	9986	45	45	45	29	30	32	8	51	5	8	6	3											
07	22	9989	44	44	44	29	27	48	3	15	5	8	6	3						13	44	628	0026	45	34
08	01	0000	43	42	39	28	26	81	3	02	2	8	6	4											
08	04	0014	43	41	39	28	23	81	8	02	2	8	6	4											
08	07	0044	40	39	36	27	21	81	3	02	2	8	5	5											
08	10	0062	40	38	35	26	18	81	7	02	2	7	5	5											
08	13	0073	40	39	36	26	10	81	7	20	2	5	8	5	7										
08	16	0059	40	40	39	32	10	80	7	03	5	3	5	5	7	1									
08	19	0038	41	41	41	33	18	64	6	63	6	8	0	4	2										
08	22	0002	44	44	44	31	25	64	8	51	6	8	5	4						27	40	731	0002	44	39
09	01	9982	44	44	44	31	25	48	8	51	6	8	6	3											
09	04	9950	45	45	45	31	29	32	8	61	6	8	6	3											
09	07	9917	45	45	45	31	35	32	8	51	6	8	6	3											
09	10	9885	45	45	45	31	40	08	8	55	5	8	6	2											
09	13	9910	44	42	39	29	40	24	4	02	5	4	8	4											
09	16	9945	43	41	39	28	32	32	3	25	8	3	8	4											
09	19	9995	42	41	39	27	31	48	3	03	8	3	8	4											
09	22	0043	42	40	39	27	30	40	8	20	5	8	5	4						27	60	676	0034	45	41

Results of Surface Observations, Macquarie Island, April, 1955

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	0097	41	39	36	27	31	64	7	50	5	7	5	5											
10	04	0140	41	40	37	26	21	64	7	02	5	7	5	5											
10	07	0168	41	41	40	28	10	80	4	01	2	3	8	5	0	1									
10	10	0182	43	43	42	29	16	81	7	02	2	2	5	5	7										
10	13	0179	44	43	42	30	17	81	6	02	1	5	5	5	7										
10	16	0161	44	44	44	31	22	04	8	47	4	8	6	0											
10	19	0166	44	44	44	29	19	05	8	45	4	8	6	0											
10	22	0169	44	44	44	29	20	40	8	10	4	8	6	2						27	46	815	0004	45	40
11	01	0161	44	44	44	29	20	48	8	60	6	8	6	3											
11	04	0138	44	44	44	29	12	02	8	47	4	8	6	0											
11	07	0124	44	44	44	29	18	04	8	43	4	8	6	0											
11	10	0115	44	44	44	30	21	40	8	02	4	7	6	2	1										
11	13	0125	46	46	46	27	27	20	8	10	5	8	6	2											
11	16	0163	42	42	42	26	14	32	8	10	2	8	6	2											
11	19	0196	42	42	42	27	08	24	8	02	5	8	6	2											
11	22	0202	41	41	41	32	01	01	8	51	5	8	6	1						25	44	559	0002	46	41
12	01	0178	42	42	42	00	00	01	8	51	5	8	6	1											
12	04	0135	43	43	43	28	12	01	8	43	5	8	6	1											
12	07	0101	45	45	45	30	17	02	8	51	5	8	6	1											
12	10	0066	45	45	45	31	17	12	8	10	4	8	6	1											
12	13	0046	45	45	45	29	22	20	8	20	5	8	6	1											
12	16	0057	45	44	42	26	29	32	8	01	2	8	5	5											
12	19	0079	42	41	39	25	27	48	6	03	1	6	5	4											
12	22	0094	41	39	37	27	29	80	1	01	2	1	5	4						27	55	436	0002	46	39
13	01	0116	40	38	34	22	04	80	8	03	1	8	0	9	1										
13	04	0116	40	39	38	27	06	80	8	03	2	4	5	4											
13	07	0099	41	40	39	27	14	64	7	02	5	6	6	3	1										
13	10	0096	42	41	40	26	20	81	8	02	2	8	5	5	4										
13	13	0100	40	39	36	25	08	81	8	02	2	8	5	5	4										
13	16	0109	39	38	35	18	07	81	8	02	2	5	5	5	4	7									
13	19	0142	38	36	33	18	06	81	6	01	1	6	5	5	5										
13	22	0163	38	35	31	17	10	81	3	01	1	3	5	5						27	31	539	0000	42	37
14	01	0186	35	32	32	14	10	81	2	02	1	2	5	4											
14	04	0203	37	35	32	13	06	81	4	02	1	4	5	5											
14	07	0222	37	35	32	07	02	80	5	03	1	3	5	5	0	8									
14	10	0225	40	37	32	00	00	81	5	03	0	5	1	6											
14	13	0223	41	37	30	33	01	81	5	02	2	2	1	5	0	8									
14	16	0212	39	37	32	31	03	81	7	03	2	2	4	5	7	1									
14	19	0207	41	38	34	32	11	80	6	02	2	4	5	5	0	1									
14	22	0195	41	39	36	33	14	40	8	03	2	8	5	4						35	33	320	0000	42	36
15	01	0169	42	41	41	34	17	48	8	51	6	8	6	2											
15	04	0139	43	43	43	35	12	01	8	51	5	8	6	1											
15	07	0132	44	44	44	32	07	08	8	51	5	8	6	2											
15	10	0124	45	45	45	32	12	48	7	02	2	1	6	3	7										
15	13	0112	46	46	45	31	07	64	7	03	1	6	6	3	7										
15	16	0102	45	45	45	31	11	02	9	43	4	8	6	0											
15	19	0098	44	44	44	32	10	03	9	45	4	8	6	0											
15	22	0078	44	44	44	34	11	10	8	51	4	8	6	2						35	38	360	0009	47	42
16	01	0048	44	44	44	34	13	03	9	51	5	8	6	0											
16	04	0021	45	45	45	34	12	56	8	20	5	8	6	2											
16	07	9991	45	45	45	34	15	03	9	51	5	8	6	0											
16	10	9968	45	45	45	32	18	02	8	50	5	8	6	0											
16	13	9964	43	43	43	29	20	05	8	51	5	8	6	1											
16	16	0000	43	43	42	27	20	80	7	10	5	7	6	3											
16	19	0030	43	43	42	28	18	48	8	10	2	8	6	3											
16	22	0042	43	43	43	29	13	48	8	10	2	8	6	3						27	35	435	0016	45	42
17	01	0056	42	42	41	29	08	81	1	01	1	1	6	3											
17	04	0064	43	43	43	29	10	24	8	50	5	8	6	1											
17	07	0079	43	43	43	29	13	24	8	10	5	8	6	1											
17	10	0077	45	44	44	32	19	81	3	01	1	3	6	3											
17	13	0073	46	45	45	32	24	81	3	01	1	2	6	3	3										
17	16	0073	45	45	45	32	25	40	8	10	1	8	6	2											
17	19	0075	45	45	45	33	23	04	8	45	4	8	6	2											
17	22	0075	45	45	45	33	21	24	8	02	4	8	6	3						33	39	481	0001	46	42
18	01	0066	45	45	45	33	21	10	8	10	2	8	6	3	1										
18	04	0049	45	45	45	33	21	01	8	45	4	8	6	1	2										
18	07	0039	45	45	45	33	21	05	8	10	4	8	6	0	1										
18	10	0026	46	46	46	33	25	03	9	45	4	8	6	0	1										
18	13	0004	46	46	46	33	26	06	8	50	5	8	6	0	1										
18	16	0001	46	45	46	32	22	05	8	54	5	8	6	0	1										
18	19	9991	46	46	46	33	22	04	8	53	5	8	6	0	1										
18	22	0010	44	44	44	29	04	04	8	20	5	8	6	1						31	36	345	0004	47	42

Results of Surface Observations, Macquarie Island, April, 1955

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	0017	40	40	39	17	04	16	8	52	5	8	6	4											
19	04	0033	39	37	35	18	02	56	8	01	5	3	6	4	1										
19	07	0049	40	39	38	22	01	80	8	02	2	6	5	4	7										
19	10	0059	41	40	39	27	03	81	7	02	2	0	0	9	7										
19	13	0060	43	41	38	29	04	83	2	01	1	0	0	9	7	8									
19	16	0070	42	41	40	29	03	82	7	03	1	7	5	5											
19	19	0087	38	37	34	23	15	82	1	01	1	1	5	5											
19	22	0107	38	37	34	20	06	82	2	03	1	2	5	4						23	26	802	0025	44	38
20	01	0120	38	37	34	00	00	82	0	02	0	0													
20	04	0136	39	37	34	00	00	81	8	03	1	8	5	5											
20	07	0160	38	36	33	18	02	81	7	15	2	7	5	5											
20	10	0160	38	36	33	19	06	81	7	02	2	7	5	5											
20	13	0160	39	36	31	18	08	82	6	02	2	6	5	5											
20	16	0159	39	36	31	21	04	81	7	02	2	6	5	5											
20	19	0160	39	37	34	27	03	80	5	02	2	5	5	5											
20	22	0161	41	38	33	26	08	80	7	02	2	7	5	5						17	19	240	0002	41	36
21	01	0151	42	41	40	29	09	40	8	51	5	8	6	4											
21	04	0141	41	41	41	29	10	64	4	01	6	4	5	5											
21	07	0133	42	41	40	31	12	80	8	02	2	8	5	5											
21	10	0118	43	42	41	32	13	62	3	01	2	4	0	2											
21	13	0069	44	43	43	32	17	48	6	20	5	4	6	3	3	2									
21	16	0041	43	43	43	32	23	32	8	50	1	8	6	2											
21	19	0013	44	44	44	31	25	16	8	53	5	8	6	3											
21	22	0010	42	40	36	29	20	64	8	03	5	8	5	5						29	40	254	0002	44	40
22	01	9987	42	40	37	30	28	16	8	50	2	8	6	3											
22	04	9956	41	41	40	31	31	16	8	53	5	8	6	4											
22	07	9939	43	43	43	31	28	24	8	51	5	6	6	3	1										
22	10	9942	43	41	40	29	19	80	8	15	8	4	6	4	7										
22	13	9950	43	41	38	30	23	81	3	01	8	2	5	4	7										
22	16	9968	41	39	35	29	27	81	5	02	1	5	5	4											
22	19	9995	40	39	37	28	24	80	7	80	8	7	8	5											
22	22	0019	40	38	35	28	24	81	1	01	8	1	5	5						27	52	708	0020	43	37
23	01	0057	39	35	29	26	25	81	2	02	1	2	5	5											
23	04	0074	40	37	34	28	23	81	2	02	1	2	5	5											
23	07	0091	40	39	38	28	22	81	3	02	1	3	8	5											
23	10	0092	42	40	37	29	22	64	8	50	1	6	5	5											
23	13	0084	42	40	37	31	21	80	6	03	6	4	8	5	5										
23	16	0061	43	41	40	31	25	64	8	25	1	6	5	5											
23	19	0043	43	41	40	31	27	64	8	02	2	8	5	4											
23	22	0019	43	42	41	32	23	48	8	02	2	8	5	4						29	42	683	0008	43	38
24	01	9982	43	43	42	32	28	64	8	02	5	8	5	4											
24	04	9939	44	44	44	32	30	48	8	61	6	8	5	3											
24	07	9938	38	39	38	20	12	48	8	63	6	6	0	5	2										
24	10	9959	37	37	36	20	03	48	8	50	5	8	5	4											
24	13	9952	38	37	34	27	04	64	8	02	5	5	8	5	1										
24	16	9958	37	36	33	25	02	80	7	03	2	7	8	5											
24	19	9965	34	32	28	00	00	81	1	01	8	1	8	5											
24	22	9960	38	34	26	29	11	81	1	02	0	1	8	5						31	35	717	0033	44	33
25	01	9956	35	35	34	29	24	64	1	70	0	8	8	5											
25	04	9979	33	33	32	25	22	64	8	79	1	8	8	4											
25	07	9982	35	34	32	27	18	80	4	03	1	4	8	5	0	2									
25	10	9990	36	32	24	26	12	81	2	01	8	1	5	5	0	8									
25	13	9984	37	32	23	27	10	81	6	03	1	1	5	5	0	8									
25	16	9971	35	33	29	29	04	81	7	02	1	3	8	5	0	8									
25	19	9964	31	30	27	00	00	81	0	02	0	0													
25	22	9952	31	30	27	00	00	81	0	02	0	0								29	38	300	0000	39	30
26	01	9932	32	30	26	00	00	81	6	03	1	2	5	5	0	8									
26	04	9922	33	31	27	00	00	81	1	02	1	1	5	5											
26	07	9924	33	31	27	00	00	81	2	02	1	2	5	5											
26	10	9926	35	32	26	06	02	82	5	03	1	4	1	3	0	8									
26	13	9924	36	32	24	06	01	82	3	02	1	1	1	6	0	8									
26	16	9929	35	31	24	00	00	81	5	15	2	1	1	5	2	2									
26	19	9944	34	31	25	00	00	81	2	01	1	2	2	5											
26	22	9952	34	32	28	00	00	80	5	03	1	5	5	5						15	24	146	0000	37	31
27	01	9964	31	30	28	18	13	80	8	02	7	8	5	6											
27	04	9974	32	31	30	19	03	80	8	02	2	8	5	5											
27	07	9981	32	31	29	24	05	80	8	02	2	7	5	5	7										
27	10	9976	33	32	29	28	05	81	6	01	7	1	8	5	1	6									
27	13	9968	34	33	33	31	10	81	5	03	7	4	8	5	7										
27	16	9961	35	33	28	29	14	81	7	03	1	4	8	5	7										
27	19	9953	38	36	34	31	18	64	8	50	2	8	6	5											
27	22	9973	36	34	30	24	11	64	5	85	8	5	8	4						29	35	182	0001	38	30

Results of Surface Observations, Macquarie Island, April, 1955

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	9976	36	35	32	26	06	80	3	26	8	3	8	5											
28	04	9982	37	36	34	26	16	48	7	50	5	7	5	4											
28	07	9991	37	37	35	26	21	48	5	20	5	4	8	4	0	9									
28	10	0003	39	37	34	25	14	81	6	15	8	4	8	4	7										
28	13	0001	38	37	37	27	15	80	8	87	8	6	8	4	7										
28	16	0005	38	37	36	23	16	48	8	61	6	8	6	3											
28	19	0015	38	37	35	23	20	48	4	15	8	4	5	4											
28	22	0035	36	36	35	20	14	64	7	25	8	7	5	4						27	46	402	0013	40	35
29	01	0070	37	35	31	18	18	64	8	25	8	8	5	5											
29	04	0113	35	33	29	18	16	81	8	02	8	8	5	5											
29	07	0150	36	34	30	20	08	81	8	02	2	8	5	4											
29	10	0161	38	36	34	24	13	80	8	50	5	8	8	4											
29	13	0177	40	39	38	26	07	32	8	50	8	8	5	3											
29	16	0186	39	39	39	27	18	56	7	50	8	6	5	3	0	2									
29	19	0204	37	37	34	27	22	64	6	80	8	5	5	4	0	2									
29	22	0201	37	37	34	27	28	56	7	52	8	7	5	4						25	46	451	0015	40	34
30	01	0200	39	39	39	27	25	64	8	02	5	8	5	3											
30	04	0200	41	41	41	26	24	40	8	52	5	8	5	3											
30	07	0215	41	41	41	27	18	12	8	51	8	8	6	2											
30	10	0223	42	41	42	26	16	12	8	50	5	8	6	2											
30	13	0230	42	42	42	27	12	20	8	20	5	8	6	2											
30	16	0235	41	41	41	26	22	04	9	46	5	8	6	0											
30	19	0248	42	42	41	27	17	16	8	20	5	8	6	3											
30	22	0247	42	42	41	27	24	16	8	50	2	8	6	3						27	47	690	0010	42	39

Results of Surface Observations, Macquarie Island, May, 1955

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	0236	41	41	40	27	24	24	8	52	5	8	6	4											
01	04	0225	40	40	40	27	24	24	8	50	3	8	6	4											
01	07	0212	42	41	40	27	24	64	7	01	5	6	5	4	5										
01	10	0193	42	42	41	29	18	56	8	50	5	8	6	2											
01	13	0160	43	43	43	29	18	03	8	47	4	8	6	0											
01	16	0125	43	43	43	28	21	24	8	05	4	8	6	2											
01	19	0091	43	43	42	29	28	80	8	05	2	8	5	4											
01	22	0062	43	43	42	29	28	48	8	05	2	8	6	3						29	42	590	0007	34	40
02	01	0031	43	43	43	29	26	12	8	60	6	8	6	2											
02	04	9998	43	43	43	29	24	12	8	61	6	8	6	2											
02	07	0002	41	41	40	25	08	80	8	61	6	8	6	3											
02	10	0005	40	40	40	26	07	40	8	61	6	6	6	3	1										
02	13	9992	40	39	39	00	00	24	8	61	6	8	6	3											
02	16	9971	38	38	38	11	02	05	8	61	6	8	6	1											
02	19	9945	38	38	38	12	02	05	8	53	6	8	6	3											
02	22	9930	41	41	40	28	15	64	7	01	6	4	6	4	7					29	40	674	0016	43	37
03	01	9914	41	41	41	29	20	40	8	60	2	7	6	3	1										
03	04	9920	37	36	33	27	22	80	4	80	8	4	8	4											
03	07	9924	36	35	33	27	12	80	6	25	8	6	8	4											
03	10	9930	37	35	33	26	18	80	5	26	8	5	2	4											
03	13	9931	37	36	33	25	19	80	6	85	8	6	2	4											
03	16	9937	37	35	33	25	18	80	6	26	8	5	8	4	6										
03	19	9966	37	34	29	26	18	80	4	26	8	4	2	4											
03	22	9987	35	32	26	26	25	80	8	26	8	8	8	4						27	44	410	0025	41	34
04	01	9994	38	36	33	27	17	80	8	26	8	8	0	9	7										
04	04	9969	41	40	39	30	24	64	8	20	5	8	5	5											
04	07	9963	42	41	40	29	29	32	8	53	5	8	5	4											
04	10	9962	42	42	41	28	29	80	8	80	8	8	5	4											
04	13	9963	43	42	42	29	30	48	8	60	6	8	5	4											
04	16	9970	43	43	42	29	29	48	8	60	6	8	5	4											
04	19	9990	43	43	42	29	29	40	8	61	6	8	5	5											
04	22	9997	43	43	41	30	25	80	8	21	6	8	5	5						29	48	607	0003	44	37
05	01	0000	43	43	43	31	27	80	8	05	2	8	5	6											
05	04	9998	43	43	42	31	26	80	8	05	2	8	5	5											
05	07	9992	43	43	43	31	29	64	8	05	2	5	6	3	0	8									
05	10	9984	44	43	42	32	30	64	8	02	2	6	6	4	0	8									
05	13	9975	44	43	40	32	30	72	6	03	1	2	6	4	7	2									
05	16	9969	44	43	42	32	28	64	7	03	1	6	5	4	7										
05	19	9970	43	43	41	32	24	64	7	02	2	7	5	4											
05	22	9967	43	43	42	32	18	64	8	02	5	8	5	4						31	44	843	0001	45	42
06	01	9959	43	43	42	32	15	64	8	02	2	8	6	3											
06	04	9949	42	42	42	32	09	48	7	02	2	7	6	3											
06	07	9943	42	42	42	32	06	03	8	45	2	8	6	1											
06	10	9939	42	42	42	32	04	24	8	03	2	8	6	1											
06	13	9923	43	43	43	36	08	32	8	01	5	5	6	1	7										
06	16	9908	42	42	41	34	06	40	7	01	2	4	6	4	7										
06	19	9875	41	41	41	05	04	20	8	52	5	8	6	2											
06	22	9831	44	44	44	35	18	03	8	51	5	8	6	0						03	33	620	0000	44	41
07	01	9799	44	44	44	32	24	12	8	25	8	8	6	3											
07	04	9786	43	43	43	31	08	80	6	01	8	6	5	5											
07	07	9761	42	42	42	29	02	24	7	02	2	7	5	5											
07	10	9756	43	43	43	29	04	80	6	05	2	2	6	3	0	8									
07	13	9762	42	41	41	27	14	40	7	05	1	5	5	3	0	8									
07	16	9787	37	37	37	26	20	32	7	61	6	8	6	3	4										
07	19	9826	38	36	33	26	18	32	8	60	6	8	5	4											
07	22	9852	35	34	33	25	08	32	8	77	7	8	5	4						27	46	325	0016	45	35
08	01	9872	37	35	32	23	10	80	7	27	8	2	5	4	7										
08	04	9894	34	34	34	25	10	48	8	71	7	8	6	3											
08	07	9910	36	35	33	26	21	64	8	27	8	6	5	4	7										
08	10	9929	36	34	30	25	12	80	7	26	8	6	5	5	7										
08	13	9942	37	35	31	26	21	80	7	16	8	7	8	4											
08	16	9964	36	34	29	26	33	64	8	27	8	7	8	4	0	8									
08	19	9986	33	33	33	25	33	08	7	86	8	7	3	5											
08	22	0011	35	33	29	25	23	80	6	01	8	5	2	5	3					27	57	450	0020	39	33
09	01	0003	39	37	34	28	24	80	7	02	2	5	4	5	3										
09	04	0031	35	33	30	25	11	80	7	22	7	7	5	4											
09	07	0055	35	33	30	25	12	80	4	01	1	3	5	5	0	2									
09	10	0069	38	35	31	27	12	81	7	02	2	7	5	5											
09	13	0056	38	38	38	30	16	20	8	51	5	8	6	4											
09	16	0036	41	41	41	30	14	24	8	58	5	8	6	3											
09	19	0016	43	43	43	29	17	24	8	51	6	8	6	2											
09	22	0017	44	43	43	29	20	24	8	58	5	8	6	2						27	46	568	0025	43	32

Results of Surface Observations, Macquarie Island, May, 1955

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	0028	43	43	43	28	19	04	8	51	5	8	6	2											
10	04	0026	43	43	43	29	18	04	9	47	5	8	6	0											
10	07	0018	43	43	43	29	20	16	8	58	5	8	6	2											
10	10	0008	44	44	44	29	24	10	8	50	6	8	6	0											
10	13	9989	44	44	44	28	27	16	8	50	6	8	6	1											
10	16	9992	43	42	41	29	24	48	7	05	5	4	5	4											
10	19	9999	43	42	40	28	28	48	7	05	2	7	5	5											
10	22	0025	43	41	38	26	31	80	7	21	6	7	5	4						29	50	573	0021	45	42
11	01	0046	42	41	40	26	28	80	8	05	2	8	5	4											
11	04	0061	41	40	39	26	28	80	8	05	2	8	5	4											
11	07	0081	42	42	42	28	23	40	8	51	5	8	6	2											
11	10	0087	42	42	42	28	21	80	7	20	5	7	8	4											
11	13	0091	43	43	43	29	20	48	8	50	5	8	6	3											
11	16	0094	43	43	43	29	21	40	8	50	5	8	6	3											
11	19	0094	43	43	43	30	18	32	8	52	5	8	6	3											
11	22	0086	42	42	42	31	10	03	8	53	5	8	6	2						25	45	753	0006	44	41
12	01	0049	44	44	44	31	19	03	8	53	5	8	6	1											
12	04	0027	45	45	45	31	24	04	8	45	6	8	6	2											
12	07	0009	44	44	44	31	27	24	8	60	4	8	6	3											
12	10	0004	45	45	45	31	26	32	8	02	5	7	6	4	1										
12	13	9978	45	45	45	31	26	24	8	50	5	8	6	3											
12	16	9966	45	45	45	31	28	16	8	60	5	8	6	3											
12	19	9974	44	44	44	28	24	12	8	53	5	8	6	2											
12	22	9994	42	41	41	28	10	40	8	20	5	6	6	4	1					31	32	408	0006	46	41
13	01	0025	40	39	37	27	26	40	8	52	5	8	5	4											
13	04	0061	36	34	30	25	12	40	7	02	2	7	5	4											
13	07	0100	34	32	29	26	11	64	7	02	2	7	5	5											
13	10	0126	34	33	30	25	16	81	7	02	2	7	5	5											
13	13	0143	35	33	28	26	08	81	7	02	2	7	5	5											
13	16	0162	35	33	28	26	06	81	8	02	2	8	5	5											
13	19	0171	36	34	30	00	00	81	8	02	2	8	5	5											
13	22	0172	36	34	31	00	00	81	6	01	2	6	5	5						25	40	566	0018	42	32
14	01	0168	37	35	32	29	05	81	8	02	2	8	5	5											
14	04	0149	37	35	32	34	06	81	6	01	2	6	5	5											
14	07	0130	38	37	34	34	06	81	7	02	2	7	5	4											
14	10	0110	40	39	38	34	05	80	7	02	2	7	5	5											
14	13	0064	42	42	42	08	03	04	8	55	5	8	6	1											
14	16	0028	45	45	45	01	11	16	8	02	5	8	6	2											
14	19	9998	45	45	44	36	08	24	8	28	4	8	6	2											
14	22	9951	45	45	45	35	09	03	8	60	6	8	6	2						33	44	248	0000	47	36
15	01	9898	46	46	46	35	20	01	8	60	6	8	6	2											
15	04	9842	44	44	44	34	08	04	8	63	6	8	0	3	2										
15	07	9843	44	44	44	30	17	40	8	02	6	7	6	3	2										
15	10	9862	44	43	43	31	17	24	8	20	5	8	6	3											
15	13	9848	44	44	44	33	15	16	8	50	2	8	6	1											
15	16	9843	45	44	44	33	22	20	7	01	2	6	6	2	3										
15	19	9834	45	44	43	33	25	40	3	01	1	3	5	5											
15	22	9825	45	45	44	33	30	40	4	01	8	4	5	5						31	42	390	0035	46	42
16	01	9820	44	43	42	32	30	64	6	25	8	5	5	5	0	5									
16	04	9828	43	42	41	32	27	64	7	02	2	7	5	5											
16	07	9849	43	41	38	31	27	64	4	01	2	3	8	5	0	8									
16	10	9872	43	41	40	29	24	81	6	25	8	4	5	5											
16	13	9887	43	40	34	29	31	81	2	01	8	2	5	5											
16	16	9911	42	40	37	29	28	81	4	01	1	4	5	5											
16	19	9935	42	41	40	29	18	81	0	01	1	0													
16	22	9922	43	42	41	31	21	81	4	03	1	4	5	5						29	51	736	0001	45	40
17	01	9891	45	44	44	31	28	40	8	60	6	4	5	5											
17	04	9876	42	41	40	29	10	48	8	61	6	8	5	4											
17	07	9864	40	40	39	29	12	64	8	60	6	8	6	3											
17	10	9865	40	40	40	31	16	64	8	02	2	6	6	4	2										
17	13	9863	40	40	40	29	08	72	7	20	6	7	6	4	3										
17	16	9872	41	40	40	31	16	64	7	02	5	5	6	5	3										
17	19	9869	43	42	41	33	25	64	6	60	5	8	6	4											
17	22	9883	42	40	39	31	27	80	6	03	8	6	5	5						33	40	673	0037	45	39
18	01	9878	43	42	41	32	25	80	6	60	6	5	5	6	1										
18	04	9878	43	43	43	32	25	80	8	02	6	8	5	6											
18	07	9897	38	38	38	28	13	16	8	51	6	8	6	4											
18	10	9908	38	37	37	27	08	48	8	50	5	7	5	4	1										
18	13	9918	38	37	33	31	05	80	8	02	5	8	0	7	2										
18	16	9920	39	37	34	31	08	80	8	02	2	8	0	7	2										
18	19	9931	40	39	38	31	16	64	7	02	2	8	5	5											
18	22	9948	37	36	35	26	11	64	6	03	1	6	5	6						31	38	616	0008	45	36

Results of Surface Observations, Macquarie Island, May, 1955

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND							LOW CLOUD			MIDDLE CLOUD	HIGH 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			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	9954	36	33	27	25	10	64	6	02	1	6	5	6											
19	04	9937	35	33	29	24	03	64	8	03	1	8	0	8	2										
19	07	9934	36	34	31	18	09	81	8	03	2	3	2	5	2										
19	10	9925	35	34	32	17	16	81	8	26	7	3	5	4	2										
19	13	9909	36	32	25	16	22	81	8	27	7	3	5	4	2										
19	16	9891	35	33	28	16	37	32	8	27	7	5	5	4	2										
19	19	9898	35	33	29	16	31	48	8	27	7	8	5	5											
19	22	9888	35	33	30	17	32	48	8	02	8	8	5	5						15	46	312	0000	37	32
20	01	9888	34	32	28	17	31	64	8	02	8	8	5	5											
20	04	9899	35	33	29	16	33	64	8	62	8	8	5	5											
20	07	9926	35	32	29	17	32	81	7	27	8	7	5	5											
20	10	9940	34	31	24	16	32	80	5	01	1	4	2	5	0	2									
20	13	9954	34	32	28	16	30	81	6	27	8	6	2	5											
20	16	9981	34	31	24	15	32	64	6	15	8	6	2	5											
20	19	0019	35	33	29	16	31	64	7	02	2	7	5	5											
20	22	0044	33	31	25	15	29	80	3	01	1	3	5	5						15	51	835	0001	35	32
21	01	0069	33	31	26	15	22	64	8	03	1	8	5	5											
21	04	0087	33	31	26	18	07	64	8	02	2	8	5	5											
21	07	0106	32	30	26	20	04	80	6	02	2	6	5	5											
21	10	0105	34	32	27	26	08	82	3	01	1	3	8	5											
21	13	0072	38	37	36	26	24	40	8	50	2	8	5	4											
21	16	0065	39	39	39	27	25	03	9	51	5	8	6	0											
21	19	0066	39	39	39	25	13	20	7	53	5	7	6	2											
21	22	0072	38	37	36	25	21	64	3	01	5	3	6	4						25	39	682	0000	40	30
22	01	0075	37	36	35	26	22	64	3	01	1	3	6	4											
22	04	0079	37	36	34	27	23	64	3	01	1	3	6	4											
22	07	0087	37	36	34	27	13	80	7	03	1	7	5	5											
22	10	0090	37	36	33	27	13	80	7	02	2	7	5	5											
22	13	0085	38	37	34	27	09	80	7	02	2	7	5	4											
22	16	0081	38	38	38	27	11	03	8	50	5	8	6	2											
22	19	0079	40	39	38	26	16	64	5	01	5	5	6	3											
22	22	0073	40	39	38	27	12	80	4	02	5	4	6	4						27	38	489	0004	40	36
23	01	0062	40	39	39	28	17	80	2	01	8	2	5	4											
23	04	0047	40	40	40	28	18	80	7	50	5	7	5	4											
23	07	0033	38	38	38	26	19	40	7	50	5	7	6	4											
23	10	0017	38	37	35	27	22	81	7	02	5	7	5	4											
23	13	0000	39	38	37	27	16	64	7	58	6	7	5	3											
23	16	9965	40	38	35	29	15	81	3	01	1	3	5	4											
23	19	9932	40	39	38	28	18	81	2	01	1	2	5	4											
23	22	9911	39	39	38	28	20	81	1	02	1	1	5	4						27	31	476	0001	41	37
24	01	9895	37	36	34	26	18	81	2	02	1	2	5	4											
24	04	9885	36	36	35	27	16	81	0	01	8	0													
24	07	9870	37	35	32	26	24	48	8	60	6	8	5	3											
24	10	9856	36	36	35	27	21	32	8	68	8	8	8	3											
24	13	9794	37	37	37	29	24	24	8	59	5	8	6	3											
24	16	9777	38	37	37	26	26	24	8	61	6	8	6	3											
24	19	9804	38	37	34	27	25	64	2	25	8	2	5	4											
24	22	9829	37	36	35	27	27	48	8	03	1	8	5	4						27	59	561	0003	40	35
25	01	9836	37	35	33	27	27	40	7	81	8	7	8	4											
25	04	9861	36	35	35	27	21	48	4	01	2	4	8	4											
25	07	9904	33	32	31	23	13	80	6	85	8	5	8	4	0	2									
25	10	9913	35	32	26	26	17	80	7	02	2	6	5	4	1										
25	13	9897	35	35	35	25	30	64	7	27	8	7	3	4											
25	16	9903	35	32	26	23	18	64	8	02	8	4	8	5	2										
25	19	9911	35	33	29	26	12	72	8	16	2	8	8	5											
25	22	9929	33	31	28	23	15	80	5	01	8	5	5	5						27	54	626	0015	37	31
26	01	9963	32	30	26	24	11	80	8	03	2	8	5	5											
26	04	9985	32	30	26	23	12	80	3	01	7	3	5	5											
26	07	0015	32	29	23	22	09	80	8	02	7	8	5	5											
26	10	0035	32	30	25	22	04	81	8	02	2	8	5	4											
26	13	0045	32	30	26	22	07	81	7	02	2	7	5	4											
26	16	0067	32	30	25	22	04	81	7	02	2	7	5	5											
26	19	0065	33	31	26	00	00	81	8	02	2	8	5	5											
26	22	0059	34	33	32	29	08	80	8	70	7	2	6	3	2					23	38	466	0012	40	31
27	01	0008	40	40	39	29	19	16	8	51	5	8	6	2											
27	04	0009	40	39	38	26	22	40	8	50	5	8	6	3											
27	07	0016	40	39	38	26	22	81	8	02	5	8	5	3											
27	10	0019	40	39	36	26	17	32	7	02	5	7	5	4											
27	13	0025	41	39	37	26	11	48	8	50	2	8	5	4											
27	16	0034	40	39	38	25	06	24	7	51	5	6	5	3	3										
27	19	0039	39	38	38	29	02	64	8	01	5	6	5	4	1										
27	22	0033	40	39	39	30	06	24	8	50	2	8	6	2						27	38	418	0009	41	39

Results of Surface Observations, Macquarie Island, May, 1955

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	0007	41	41	40	31	12	16	8	50	5	8	6	2											
28	04	9977	43	43	43	32	19	10	8	59	6	8	6	0											
28	07	9952	44	43	44	31	22	07	8	53	6	8	6	2											
28	10	9954	44	43	43	30	21	20	8	51	5	8	6	2											
28	13	9963	43	43	42	29	15	02	8	50	5	8	6	1											
28	16	9970	43	43	42	30	10	02	8	53	5	8	6	1											
28	19	9966	42	42	42	31	16	03	8	51	5	8	6	2											
28	22	9952	43	43	43	32	20	48	8	02	5	8	6	3						29	31	426	0017	45	40
29	01	9944	44	44	44	32	26	24	8	50	2	8	6	2											
29	04	9943	44	44	43	32	22	24	8	02	5	8	6	3											
29	07	9939	45	44	43	32	22	24	8	02	2	8	6	3											
29	10	9948	44	43	42	31	24	24	7	10	2	7	6	2											
29	13	9959	44	42	39	29	24	81	1	01	1	1	6	3											
29	16	9976	43	42	40	31	24	32	2	05	1	2	6	3											
29	19	9992	44	43	42	30	24	80	8	10	2	2	6	3	2										
29	22	9996	44	43	42	30	26	80	7	10	2	7	6	3						31	38	632	0001	45	43
30	01	9993	43	43	41	31	22	48	5	05	1	5	6	3											
30	04	9980	43	43	42	31	20	40	8	05	2	8	6	2											
30	07	9966	44	44	44	31	16	01	8	51	5	8	6	0											
30	10	9958	44	44	44	33	18	24	8	02	4	8	6	1											
30	13	9945	44	44	44	32	22	03	9	47	5	8	6	0											
30	16	9955	43	43	43	31	16	04	8	45	4	8	6	0											
30	19	9967	42	41	41	29	05	80	5	01	4	5	6	4	0	6									
30	22	9971	42	42	42	00	00	24	8	60	2	8	0	7	2					31	32	638	0000	45	41
31	01	9961	42	41	41	15	04	24	8	63	6	8	0	7	2										
31	04	9950	42	42	41	16	11	24	8	63	6	8	0	2	2										
31	07	9946	41	41	41	15	15	16	8	58	6	8	6	1											
31	10	9943	41	41	41	15	17	24	8	63	6	8	0	2	2										
31	13	9922	41	40	39	14	24	40	8	61	6	8	0	2	2										
31	16	9916	40	39	39	14	26	24	8	51	6	8	6	2											
31	19	9917	40	39	37	15	27	80	8	02	5	8	6	4											
31	22	9917	39	38	37	15	27	80	8	02	5	8	6	4						15	35	431	0043	42	38

Results of Surface Observations, Macquarie Island, June, 1955

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	9913	39	38	36	15	26	80	8	02	2	8	6	5											
01	04	9913	36	36	34	16	25	80	8	02	2	8	6	2											
01	07	9925	35	35	34	18	18	56	7	51	5	7	6	3											
01	10	9937	34	33	31	17	13	48	6	65	8	6	5	3											
01	13	9939	34	33	31	17	17	81	7	15	7	7	5	4											
01	16	9957	34	33	30	16	24	48	6	15	7	6	5	4											
01	19	9981	35	33	29	12	26	81	6	02	1	6	5	5											
01	22	0005	34	33	30	16	27	81	6	02	1	6	5	4						15	37	734	0006	39	33
02	01	0023	34	33	30	14	22	81	7	02	2	7	5	4											
02	04	0043	33	33	32	16	18	48	8	15	2	8	5	3											
02	07	0059	34	33	31	16	12	81	6	02	1	6	5	4											
02	10	0064	35	34	32	16	11	81	7	02	2	7	8	4											
02	13	0064	35	34	31	18	06	81	7	02	2	7	5	4											
02	16	0071	35	34	32	18	02	81	2	01	1	2	5	4											
02	19	0076	34	34	33	16	07	81	7	25	1	7	5	3											
02	22	0079	34	33	33	14	08	64	7	02	2	7	5	3						13	37	632	0000	36	33
03	01	0067	33	33	33	00	00	24	6	03	2	6	5	3											
03	04	0064	32	31	31	00	00	81	2	01	1	1	5	4	0	2									
03	07	0060	33	32	32	00	00	81	1	01	1	1	5	4											
03	10	0059	34	34	33	29	03	82	2	02	0	2	5	4											
03	13	0035	36	36	35	27	10	40	5	50	5	5	5	4											
03	16	0030	38	38	38	29	07	24	7	20	5	7	6	2											
03	19	0035	38	38	37	27	11	32	7	52	5	7	6	3											
03	22	0036	40	38	36	26	12	64	7	20	5	7	5	4						27	25	186	0001	40	31
04	01	0050	37	35	31	23	09	80	7	02	8	7	5	5											
04	04	0066	35	33	30	18	06	81	6	26	8	6	8	4											
04	07	0088	33	32	30	17	14	80	6	02	2	6	5	4											
04	10	0106	33	32	31	17	06	64	3	02	1	3	4	4											
04	13	0101	35	32	27	25	10	64	3	02	1	3	5	5											
04	16	0104	35	32	27	26	14	64	6	03	0	6	5	5											
04	19	0105	36	32	26	26	18	64	7	03	2	6	5	5											
04	22	0093	36	34	30	27	17	24	7	60	2	7	5	3						27	32	309	0005	38	32
05	01	0059	38	36	33	28	23	32	8	58	6	8	5	4											
05	04	0045	39	37	35	26	32	48	7	25	8	7	5	4											
05	07	0058	39	35	28	25	23	32	8	53	8	8	5	4											
05	10	0066	38	35	30	26	24	24	8	50	5	8	5	4											
05	13	0064	38	36	34	26	21	64	6	25	8	6	8	4											
05	16	0055	38	35	30	26	26	56	8	15	8	8	5	4											
05	19	0031	39	36	33	26	25	48	8	02	8	8	5	4											
05	22	9992	39	39	38	29	31	24	8	63	8	8	0	4	2					25	61	533	0004	40	35
06	01	9978	39	36	30	26	32	80	7	01	6	5	8	5	3										
06	04	9994	35	33	29	26	28	81	4	02	8	4	2	5											
06	07	0019	35	32	26	26	26	81	4	15	8	4	2	5											
06	10	0037	36	32	26	26	22	48	7	26	8	7	8	5											
06	13	0030	33	33	32	27	26	64	7	26	8	7	8	4											
06	16	0028	36	33	27	26	23	80	8	02	8	8	5	4											
06	19	9972	38	35	29	29	26	48	8	51	2	8	5	4											
06	22	9890	41	41	41	31	31	32	8	63	8	8	6	3						25	55	759	0007	42	32
07	01	9862	42	40	38	27	30	56	7	01	6	7	6	4											
07	04	9858	37	33	25	26	42	56	3	26	8	3	8	4											
07	07	9840	34	34	33	26	40	12	8	80	8	8	8	3											
07	10	9822	33	33	33	27	35	32	8	36	8	8	8	4											
07	13	9797	36	34	30	26	48	24	8	16	8	8	8	4											
07	16	9834	35	31	26	19	12	64	7	87	8	7	8	4											
07	19	9877	33	32	33	17	13	64	8	02	8	8	8	4											
07	22	9919	30	30	30	20	13	64	8	02	8	8	8	3						27	70	841	0025	37	28
08	01	9962	27	27	27	19	20	32	8	87	8	8	8	4											
08	04	0001	27	27	27	19	20	48	8	16	8	8	8	4											
08	07	0034	27	27	27	19	16	56	8	02	8	8	8	4											
08	10	0063	27	25	21	19	14	48	6	70	7	8	2	4											
08	13	0078	29	26	18	22	09	64	7	22	8	7	8	4											
08	16	0079	32	29	25	26	14	80	7	02	2	7	5	5											
08	19	0081	30	30	24	28	12	80	6	02	2	4	5	5	7										
08	22	0068	35	33	29	28	14	72	7	26	8	6	8	5	3					17	34	554	0004	37	24
09	01	0075	35	34	32	24	04	80	5	26	1	2	8	5	1	8									
09	04	0080	36	34	30	21	04	80	7	03	1	3	5	4	7										
09	07	0090	37	36	34	27	09	40	8	58	6	8	6	3											
09	10	0090	40	38	38	26	22	40	8	50	5	8	6	3											
09	13	0094	40	39	38	26	20	16	8	58	5	8	6	3											
09	16	0099	41	40	39	26	24	24	8	20	6	8	6	3											
09	19	0110	41	40	39	28	23	24	8	61	6	8	6	2						27	46	300	0013	41	35
09	22	0134	40	40	39	25	10	24	8	50	6	8	6	2											

Results of Surface Observations, Macquarie Island, June, 1955

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
10	01	0151	41	40	39	27	18	24	8	51	5	8	0	2											
10	04	0059	41	41	40	27	20	20	8	02	5	8	6	2											
10	07	0167	41	40	39	27	18	16	8	50	5	8	6	2											
10	10	0176	42	42	41	26	21	24	8	50	5	8	6	2											
10	13	0174	42	41	41	26	24	24	8	50	5	8	6	2											
10	16	0181	41	41	40	25	21	24	8	55	6	8	6	2											
10	19	0188	41	40	40	27	24	24	8	02	2	8	6	2											
10	22	0192	41	40	39	27	24	40	6	02	2	5	5	4	0	8				27	42	640	0012	42	40
11	01	0178	41	40	39	28	24	40	8	50	5	8	5	3											
11	04	0171	40	39	38	30	21	40	8	02	2	8	5	2											
11	07	0137	41	40	39	31	21	56	8	02	2	8	5	4											
11	10	0109	41	41	40	32	24	56	8	02	2	7	5	3	1										
11	13	0049	42	41	39	33	22	64	7	02	5	5	6	4	7	2									
11	16	9998	44	43	41	32	29	48	7	02	2	6	5	3											
11	19	9952	44	43	42	32	28	24	8	63	6	8	0	3	2										
11	22	9953	42	42	42	28	15	03	8	51	6	8	6	2						33	40	621	0004	44	39
12	01	9952	41	41	41	28	15	20	7	51	5	7	6	3											
12	04	9938	41	41	41	30	12	32	8	51	5	8	6	2											
12	07	9926	42	42	42	31	15	02	8	55	6	8	6	2											
12	10	9923	42	41	41	30	10	01	9	47	4	8	6	0											
12	13	9906	42	41	41	30	12	02	9	45	4	8	6	0											
12	16	9895	41	41	41	31	06	01	8	47	4	8	6	1											
12	19	9888	41	41	41	30	04	01	9	47	4	8	6	0											
12	22	9886	41	41	40	00	00	01	9	51	4	8	6	0						31	17	636	0019	42	40
13	01	9884	40	40	39	00	00	12	7	40	4	7	6	2											
13	04	9893	40	40	40	00	00	01	6	52	4	6	6	0											
13	07	9903	39	38	38	29	01	24	6	41	4	3	6	0	3										
13	10	9910	40	39	39	29	10	04	9	47	4	8	6	0											
13	13	9908	39	39	39	28	08	32	7	50	5	7	6	3											
13	16	9899	38	38	38	29	15	08	8	50	5	8	6	2											
13	19	9888	38	38	38	29	17	08	8	50	5	8	6	3											
13	22	9858	40	39	38	31	21	24	8	50	5	8	6	3						31	35	209	0004	41	37
14	01	9821	41	41	39	31	30	24	8	02	5	8	6	4											
14	04	9792	42	40	37	31	32	40	8	02	6	8	6	4											
14	07	9803	39	36	31	29	28	40	7	02	6	7	5	4											
14	10	9803	38	34	26	29	28	81	4	01	1	3	2	5	0	2									
14	13	9787	34	32	28	29	32	80	5	85	8	5	3	5											
14	16	9784	35	35	33	28	26	80	6	85	8	6	3	5											
14	19	9793	35	34	31	29	24	81	3	01	8	3	2	5						29	60	644	0009	42	31
14	22	9803	36	33	26	27	24	81	6	03	8	6	2	5											
15	01	9809	36	34	30	28	24	81	3	01	1	3	2	5											
15	04	9805	34	34	33	29	16	80	5	26	8	4	2	5	1										
15	07	9767	36	36	36	33	13	40	8	60	6	8	0	4	2										
15	10	9717	40	40	40	31	17	32	7	81	6	7	8	3											
15	13	9711	38	35	29	27	30	48	6	48	6	2	5	3											
15	16	9709	32	32	32	27	53	01	9	69	8	8	6	4											
15	19	9814	30	29	30	23	22	64	6	85	8	6	8	4											
15	22	9855	29	28	26	22	10	64	4	26	8	4	8	4						27	91	670	0015	41	29
16	01	9902	29	29	29	24	10	64	8	85	8	7	8	4											
16	04	9933	31	29	25	26	13	64	6	85	8	6	8	4											
16	07	9976	32	30	26	22	11	32	8	85	8	8	5	4											
16	10	0014	33	32	30	26	10	80	8	02	7	8	5	4											
16	13	0029	35	34	33	26	19	80	8	02	2	8	5	4											
16	16	0053	36	34	30	26	16	80	8	02	2	8	5	4											
16	19	0044	38	36	33	28	25	40	8	02	5	8	5	4											
16	22	0034	40	38	35	29	23	24	8	20	5	8	5	4						27	42	641	0004	41	29
17	01	0023	41	39	36	29	21	16	8	20	5	8	6	3											
17	04	0015	41	40	39	29	21	16	8	20	5	8	6	3											
17	07	9966	41	39	39	31	23	16	8	52	6	8	6	2											
17	10	9975	39	39	37	27	26	64	6	25	8	8	5	4	3										
17	13	9993	39	37	34	27	27	72	7	15	8	7	8	4											
17	16	0043	37	37	37	20	09	40	8	52	8	8	6	3											
17	19	0103	34	32	28	20	01	81	2	01	5	2	5	4											
17	22	0126	35	32	27	00	00	81	0	00	0	0								27	45	621	0015	41	33
18	01	0138	36	34	30	29	09	80	7	03	1	7	6	4											
18	04	0135	37	37	36	33	12	81	8	02	2	8	6	3											
18	07	0127	41	39	36	32	16	80	8	02	2	8	6	4											
18	10	0118	41	40	38	33	16	64	7	02	2	8	5	4											
18	13	0087	41	41	40	34	17	64	8	02	2	8	5	3											
18	16	0057	42	41	37	35	18	48	8	03	2	8	5	3	2										
18	19	0014	43	41	40	35	23	40	8	60	8	8	5	3											
18	22	9963	43	42	41	35	31	40	8	63	8	8	5	3						35	54	445	0003	44	36

Results of Surface Observations, Macquarie Island, June, 1955

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	9916	43	43	42	35	26	40	8	63	6	8	5	2											
19	04	9867	44	43	43	34	22	32	8	63	6	8	5	2											
19	07	9941	36	35	34	22	14	24	8	53	6	8	5	3											
19	10	0018	37	33	27	23	17	81	6	01	6	3	5	4	7										
19	13	0071	37	33	26	25	10	81	6	02	1	6	5	5											
19	16	0115	37	33	25	27	17	81	1	01	1	1	5	4											
19	19	0138	39	36	31	30	18	81	1	02	1	1	5	4											
19	22	0145	40	37	33	31	21	81	8	03	1	8	5	5						35	41	665	0047	45	35
20	01	0141	41	41	40	31	23	32	8	50	5	8	6	3											
20	04	0143	42	42	41	31	20	80	8	02	5	8	5	4											
20	07	0147	42	42	41	30	21	48	8	50	5	8	6	3											
20	10	0152	43	42	41	30	23	40	7	02	5	7	5	5											
20	13	0147	43	42	41	30	19	48	7	03	1	7	5	5											
20	16	0139	42	42	41	31	17	40	7	02	2	7	6	3											
20	19	0121	42	41	41	31	21	40	8	50	5	8	6	4											
20	22	0101	42	41	41	31	22	32	8	60	6	8	6	4						31	34	527	0000	43	40
21	01	0074	42	42	42	30	23	40	8	02	6	8	6	3											
21	04	0036	42	42	42	31	24	24	8	53	5	8	6	3											
21	07	0062	35	35	32	28	09	64	8	60	8	4	6	4	1										
21	10	0069	35	31	21	26	13	80	3	01	7	2	8	5	4										
21	13	0079	32	32	32	21	08	12	7	86	8	7	8	4											
21	16	0099	32	28	19	21	08	48	6	15	1	6	8	4											
21	19	0120	32	28	20	20	10	40	8	26	8	8	5	4											
21	22	0141	30	27	20	19	09	56	8	02	2	8	5	5						25	48	637	0008	43	29
22	01	0141	30	27	21	22	03	64	6	01	2	6	5	5											
22	04	0132	32	29	25	26	12	80	5	01	2	5	5	5											
22	07	0023	34	31	24	27	10	80	7	02	2	7	5	4											
22	10	0116	35	32	26	26	14	81	7	02	2	7	5	5											
22	13	0101	35	34	32	26	18	81	6	26	7	6	8	4											
22	16	0082	36	33	28	26	19	81	4	01	1	4	5	4											
22	19	0075	36	33	28	26	21	81	5	02	1	5	5	4											
22	22	0065	36	33	27	26	25	48	8	89	2	6	5	4						27	52	337	0000	36	29
23	01	0075	35	30	21	21	14	81	8	02	8	8	5	5											
23	04	0085	34	30	23	25	12	81	5	01	1	5	5	4											
23	07	0099	32	29	24	23	18	81	3	01	1	3	5	4											
23	10	0114	33	31	27	26	14	80	4	02	0	3	5	4	0	8									
23	13	0112	34	31	26	25	20	80	6	03	1	6	5	4											
23	16	0123	34	32	27	27	22	80	6	02	2	6	5	5											
23	19	0132	35	33	27	25	20	80	2	02	2	2	5	5											
23	22	0141	35	33	27	26	19	80	1	02	0	1	5	4						27	48	523	0000	36	31
24	01	0148	36	34	29	26	15	80	1	02	0	1	5	4											
24	04	0157	37	33	26	24	17	81	0	01	0	0													
24	07	0183	35	32	26	18	17	80	4	03	1	4	5	5											
24	10	0205	35	31	24	18	10	80	3	02	1	3	5	5											
24	13	0218	35	31	23	17	11	64	6	02	0	2	5	4	0	4									
24	16	0237	34	30	23	18	02	64	4	02	0	1	4	5	6	8									
24	19	0251	34	31	26	23	06	80	2	02	1	1	4	5	0	2									
24	22	0253	34	32	28	23	11	80	1	02	1	1	5	5						27	42	546	0000	37	32
25	01	0250	33	32	29	24	20	80	2	03	0	2	5	4											
25	04	0253	34	33	30	25	06	80	2	02	0	2	5	4											
25	07	0254	34	33	30	25	13	80	4	03	0	2	5	3											
25	10	0258	35	34	32	23	05	81	3	02	1	3	6	2											
25	13	0242	35	34	32	24	13	81	1	02	1	1	6	2											
25	16	0237	35	33	28	21	05	81	2	02	0	2	6	2											
25	19	0236	34	33	32	29	03	20	1	10	0	1	6	1											
25	22	0224	35	34	32	27	10	48	2	05	5	2	6	3						25	31	316	0000	37	33
26	01	0215	35	34	32	28	14	48	8	50	5	8	6	3											
26	04	0193	36	34	30	28	15	80	8	05	5	8	6	3											
26	07	0185	36	35	33	27	14	81	7	02	2	7	6	3											
26	10	0181	37	36	35	28	13	80	6	50	5	6	6	4											
26	13	0156	38	36	33	28	17	80	7	25	8	6	8	4	0	6									
26	16	0146	38	36	33	28	20	80	6	25	8	4	8	4	6	8									
26	19	0143	39	37	36	28	14	80	7	52	8	7	5	4											
26	22	0145	39	37	35	27	12	64	7	02	5	7	5	4						27	32	390	0002	39	34
27	01	0148	38	37	35	26	13	48	7	51	5	7	6	3											
27	04	0154	36	34	30	26	11	24	6	02	5	6	5	4											
27	07	0160	35	34	31	26	09	64	7	50	5	7	5	4											
27	10	0165	35	35	34	26	07	56	7	20	5	7	5	4											
27	13	0153	36	34	31	26	10	80	7	02	2	7	5	4											
27	16	0145	36	35	33	28	07	24	7	03	1	5	5	3	0	6									
27	19	0134	38	38	37	28	08	01	9	46	8	8	6	0											
27	22	0121	39	39	38	29	14	05	8	53	5	8	6	0						27	24	458	0001	39	34

Results of Surface Observations, Macquarie Island, June, 1955

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	0105	39	38	37	28	13	32	8	50	5	8	6	2											
28	04	0077	39	38	36	29	20	40	7	20	5	7	6	3											
28	07	0048	39	37	34	29	24	56	5	01	5	3	5	4	7	9									
28	10	0030	39	39	36	29	27	64	8	60	6	8	6	3											
28	13	0031	35	34	31	25	08	81	8	70	7	8	6	3											
28	16	0036	35	32	25	25	18	81	3	01	1	2	5	4	0	8									
28	19	0039	34	32	29	26	18	64	6	70	7	6	8	4											
28	22	0045	34	32	28	26	22	32	7	70	7	7	8	4						27	42	471	0003	39	31
29	01	0063	30	29	27	26	21	48	7	85	7	7	8	3											
29	04	0080	31	29	25	25	12	40	8	71	7	8	5	3											
29	07	0100	33	31	27	23	10	81	7	02	7	7	5	4											
29	10	0110	35	31	24	27	10	81	7	02	2	7	5	4											
29	13	0122	34	32	28	27	12	81	7	52	5	7	5	4											
29	16	0125	34	32	30	26	15	81	7	15	8	5	8	5											
29	19	0119	36	34	30	26	24	81	7	02	2	5	8	6											
29	22	0119	37	35	32	27	23	64	7	83	8	7	8	4						27	54	477	0005	38	30
30	01	0120	38	35	31	26	22	80	7	02	8	7	5	4											
30	04	0118	38	36	33	26	22	80	7	02	2	7	5	4											
30	07	0124	37	37	34	27	16	81	8	02	2	8	5	3											
30	10	0134	38	37	36	27	18	32	8	02	2	8	6	2											
30	13	0128	38	37	36	27	18	12	8	03	2	8	6	2											
30	16	0130	38	37	37	27	19	12	6	10	2	6	6	2											
30	19	0136	37	37	36	27	19	01	8	52	4	8	6	0											
30	22	0142	39	38	37	28	16	32	8	20	5	8	6	3						27	36	568	0000	39	37

Results of Surface Observations, Macquarie Island, July, 1955

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	0037	39	39	38	28	06	40	8	02	2	8	6	3											
01	04	0126	39	38	37	29	17	40	8	50	5	8	6	2											
01	07	0117	39	38	37	29	19	32	7	50	5	7	6	3											
01	10	0106	39	38	37	29	23	48	8	05	2	8	6	2											
01	13	0075	40	39	39	29	22	20	8	50	5	8	6	2											
01	16	0039	41	41	39	29	25	24	8	50	5	8	6	2											
01	19	0006	41	41	40	29	23	48	8	61	6	8	6	2											
01	22	0006	36	35	33	18	04	48	8	61	6	0	0	9	2					29	36	525	0002	42	34
02	01	0009	34	34	33	27	05	40	8	77	7	8	6	2											
02	04	0025	34	31	25	22	12	81	4	01	7	4	5	3											
02	07	0057	32	30	28	23	15	48	8	85	7	8	5	4											
02	10	0067	36	35	28	25	20	48	8	86	8	8	8	4											
02	13	0081	35	32	31	27	22	48	7	85	8	7	8	4											
02	16	0104	36	33	27	27	24	80	8	02	8	8	5	4											
02	19	0138	35	33	29	27	20	80	8	50	2	8	5	5											
02	22	0161	35	33	28	26	11	80	7	50	2	7	5	4						25	46	559	0039	36	33
03	01	0179	35	33	29	26	16	40	8	51	5	8	5	4											
03	04	0181	35	33	29	26	17	56	8	20	5	8	5	4											
03	07	0183	36	34	30	27	21	24	8	60	5	8	5	4											
03	10	0179	37	36	33	27	22	81	8	02	2	8	5	4											
03	13	0155	38	35	30	29	22	81	8	02	2	8	5	4											
03	16	0132	39	39	37	30	23	32	8	05	2	8	6	3											
03	19	0118	40	40	39	29	23	24	8	50	5	8	6	2											
03	22	0112	40	40	39	28	19	24	8	51	5	8	6	2						29	37	545	0001	35	41
04	01	0113	39	39	38	27	18	40	8	05	5	8	6	2											
04	04	0108	40	39	39	29	19	80	7	05	2	4	6	2											
04	07	0105	41	41	41	29	22	40	8	05	2	6	6	2											
04	10	0110	42	41	40	30	20	56	7	01	2	3	5	3	7										
04	13	0096	42	41	40	30	20	80	7	02	6	3	5	4	7										
04	16	0088	42	41	40	31	14	80	8	05	2	5	5	5											
04	19	0069	41	40	39	31	20	64	7	03	2	7	6	4											
04	22	0046	41	41	40	32	23	80	5	20	6	5	6	3						31	35	643	0001	42	39
05	01	0015	41	41	40	32	20	64	7	20	8	7	5	3											
05	04	9983	42	41	40	32	20	64	8	02	4	8	5	3											
05	07	9959	42	41	41	32	19	24	8	60	5	8	5	2											
05	10	9936	42	42	42	31	22	04	8	61	6	8	6	0											
05	13	9943	39	37	39	27	23	48	7	60	6	7	6	2											
05	16	9966	40	38	36	28	22	80	6	05	6	6	5	4											
05	19	0011	35	35	33	19	06	80	7	50	5	7	5	4											
05	22	0044	34	33	31	16	08	81	8	02	8	3	4	7						29	37	618	0002	43	32
06	01	0063	33	30	26	15	10	81	7	02	2	0	0	9	7	8									
06	04	0082	31	29	25	15	10	81	6	02	1	4	5	6	0	8									
06	07	0107	29	28	25	15	10	81	6	02	1	5	5	5											
06	10	0121	30	28	24	14	08	80	6	02	2	6	5	5											
06	13	0126	31	29	25	12	06	81	7	02	2	7	5	5											
06	16	0136	31	29	24	00	00	81	6	03	1	6	5	5											
06	19	0149	31	29	25	00	00	81	6	02	2	6	5	5											
06	22	0156	31	29	25	00	00	81	7	02	2	7	5	5						13	18	470	0000	33	29
07	01	0158	31	29	25	01	04	80	7	03	2	7	5	4											
07	04	0147	33	31	29	36	07	80	8	03	2	8	5	4											
07	07	0135	37	35	33	35	11	80	7	01	2	8	6	4											
07	10	0134	38	37	35	35	15	81	8	02	2	8	6	3											
07	13	0099	40	40	40	35	13	32	8	50	5	8	6	1											
07	16	0076	41	41	40	34	14	01	8	50	5	8	6	0											
07	19	0049	42	41	41	32	16	05	8	51	5	8	6	1											
07	22	0026	42	41	41	33	19	24	8	05	5	8	6	2						35	33	244	0000	43	30
08	01	9993	43	42	42	33	20	24	8	05	2	8	6	2											
08	04	9968	43	42	42	32	22	32	8	61	6	8	6	3											
08	07	9959	42	41	40	31	19	64	6	05	2	3	6	3	7										
08	10	9951	42	40	38	32	17	80	5	03	1	1	5	3	7										
08	13	9920	42	40	38	32	22	48	2	03	1	1	6	4											
08	16	9885	43	40	36	32	26	80	6	03	1	1	6	4											
08	19	9853	40	38	35	32	30	40	8	21	6	8	5	2											
08	22	9850	39	37	35	31	28	48	3	01	8	5	3	0						31	56	597	0006	44	36
09	01	9844	39	37	35	31	32	80	8	50	8	2	5	4	1										
09	04	9844	38	36	33	30	27	48	7	26	8	7	5	4											
09	07	9870	38	37	34	30	25	80	4	03	1	4	5	4											
09	10	9891	38	36	32	28	22	81	4	02	1	4	5	4											
09	13	9901	39	37	33	29	20	81	3	01	1	3	5	4											
09	16	9903	39	38	35	31	12	81	3	02	1	1	5	4	0	8									
09	19	9869	39	38	35	34	14	81	8	03	1	0	0	9	2										
09	22	9807	41	39	37	35	12	81	8	02	2	8	5	5						35	50	791	0006	41	35

Results of Surface Observations, Macquarie Island, July, 1955

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	9718	40	39	39	34	35	24	8	61	6	8	6	3											
10	04	9619	41	39	37	34	38	48	8	80	6	8	8	5											
10	07	9611	37	36	34	29	66	12	8	61	6	8	8	4											
10	10	9681	36	35	34	30	57	05	8	21	6	6	8	4	0	1									
10	13	9745	37	35	30	30	50	16	6	27	8	6	8	4											
10	16	9781	37	34	29	29	37	80	4	15	1	3	8	5	7										
10	19	9810	36	35	32	29	29	80	2	01	1	2	8	5											
10	22	9816	36	35	34	27	24	80	3	01	8	3	8	5						29	93	122	0022	42	35
11	01	9816	34	33	32	27	10	64	8	69	7	8	0	9	2										
11	04	9843	32	31	29	28	10	56	8	73	7	8	0	9	2										
11	07	9899	32	31	28	21	08	32	8	72	7	4	5	4	2										
11	10	9949	30	30	30	20	05	12	8	71	7	6	6	3											
11	13	9995	30	28	23	25	12	81	6	85	7	6	8	4											
11	16	0053	28	27	25	23	14	32	7	85	7	7	8	4											
11	19	0103	28	27	26	27	08	81	3	22	7	3	8	5											
11	22	0141	27	26	25	23	08	24	8	77	7	8	6	3						23	38	400	0006	35	26
12	01	0168	29	27	21	23	06	81	2	01	7	2	5	4											
12	04	0187	31	29	26	26	04	81	6	02	7	6	5	5											
12	07	0185	37	35	33	29	20	81	6	02	1	6	5	5	3										
12	10	0179	38	35	31	31	19	80	8	03	1	6	5	5	7										
12	13	0153	41	41	40	30	24	08	8	53	6	8	6	2											
12	16	0172	41	41	41	28	22	24	8	58	6	8	6	2											
12	19	0197	41	40	40	27	16	24	8	54	1	8	6	2											
12	22	0212	40	40	39	28	11	24	8	51	8	6	6	2						31	39	355	0006	42	28
13	01	0216	41	40	40	29	18	24	8	51	5	8	6	2											
13	04	0215	40	40	40	30	14	04	8	46	5	8	6	0											
13	07	0213	41	41	41	31	14	12	8	40	4	8	6	2											
13	10	0212	42	41	41	31	19	40	8	05	2	8	6	3											
13	13	0199	42	42	42	31	18	32	8	05	2	8	6	2											
13	16	0191	41	41	41	29	18	40	7	05	2	5	6	2	7										
13	19	0178	42	42	42	31	21	32	8	61	6	8	6	2											
13	22	0173	42	42	42	31	23	32	8	05	6	8	6	2						31	33	576	0006	42	40
14	01	0169	42	42	42	31	19	08	8	50	5	8	6	1											
14	04	0163	41	41	41	31	19	08	8	50	5	8	6	1											
14	07	0163	42	41	42	31	22	08	8	58	6	8	6	1											
14	10	0165	42	42	42	31	21	20	8	53	6	8	6	2											
14	13	0156	42	42	41	31	18	24	7	01	5	2	6	3	7										
14	16	0154	41	41	41	31	18	48	5	01	1	3	5	4											
14	19	0151	42	41	41	31	20	24	8	10	1	8	6	4											
14	22	0151	42	42	42	31	20	24	8	52	5	8	6	4						31	33	600	0008	42	41
15	01	0145	42	42	41	31	22	32	8	02	5	8	6	3											
15	04	0144	42	41	42	31	16	48	8	01	2	8	6	4											
15	07	0151	41	41	41	32	15	20	7	01	2	7	6	3											
15	10	0151	41	41	41	31	15	32	8	05	2	8	6	1											
15	13	0137	41	41	41	32	12	48	7	05	2	5	6	1											
15	16	0119	40	40	40	32	14	12	8	50	5	8	6	1											
15	19	0095	41	41	41	34	07	32	8	61	6	6	6	2											
15	22	0069	41	41	41	35	14	12	8	51	5	8	6	1						31	30	551	0000	42	40
16	01	0031	42	42	42	35	10	08	8	51	5	8	6	1											
16	04	9995	42	42	42	34	11	04	8	50	5	8	6	0											
16	07	9954	42	42	42	36	10	02	8	45	5	8	6	0											
16	10	9925	42	42	42	35	11	01	8	45	4	8	6	0											
16	13	9871	42	42	42	36	16	01	8	45	5	8	6	0											
16	16	9837	42	42	42	34	20	05	8	51	5	8	6	1											
16	19	9854	38	38	37	26	16	40	8	50	8	8	6	3											
16	22	9895	38	37	35	26	20	48	6	01	8	6	5	4						27	35	458	0010	43	39
17	01	9927	44	37	35	26	19	48	8	25	8	8	8	4											
17	04	9948	37	37	35	27	25	40	7	58	8	7	6	5											
17	07	9983	38	37	35	27	22	48	6	25	8	6	5	5											
17	10	9991	34	38	36	28	22	81	6	02	1	6	5	5											
17	13	9996	40	40	40	29	20	81	8	03	1	8	5	4											
17	16	9989	40	40	40	29	20	16	8	05	2	8	6	1											
17	19	9976	40	40	40	31	20	32	8	05	2	8	6	2											
17	22	9957	41	41	41	31	22	32	8	05	2	8	6	3						27	44	590	0009	41	35
18	01	9922	41	41	41	31	26	48	7	05	2	7	6	3											
18	04	9902	39	39	38	25	25	20	8	61	6	8	6	3											
18	07	9936	38	37	35	28	22	81	8	25	8	2	5	4											
18	10	9945	39	37	35	28	12	80	6	16	8	5	8	5											
18	13	9937	40	37	34	30	23	80	7	01	8	2	8	4	7										
18	16	9911	40	38	36	32	25	40	8	61	6	6	6	4	0	6									
18	19	9871	40	40	40	33	15	40	8	58	8	8	6	4	2										
18	22	9848	40	40	40	33	14	40	8	59	6	8	6	4						27	46	686	0007	42	37

Results of Surface Observations, Macquarie Island, July, 1955

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	9838	36	36	36	20	14	40	8	59	6	8	6	3											
19	04	9889	33	33	33	18	18	32	8	73	7	8	6	4											
19	07	9961	30	30	24	19	17	40	7	01	7	7	5	4											
19	10	9996	30	28	24	18	18	81	8	02	2	8	5	4											
19	13	0024	31	28	24	18	16	81	8	85	4	8	5	4											
19	16	0061	30	27	21	18	16	81	7	26	7	7	5	5											
19	19	0100	30	27	23	18	12	81	3	01	7	7	5	5											
19	22	0121	29	27	24	18	10	80	8	02	7	8	5	5						17	46	640	0024	41	28
20	01	0148	31	29	24	18	04	80	8	02	2	8	5	4											
20	04	0178	30	28	25	17	03	81	5	01	1	5	5	3											
20	07	0211	28	27	24	00	00	81	2	01	1	2	5	4											
20	10	0223	31	29	25	00	00	81	2	02	0	1	5	5	3										
20	13	0218	35	33	29	31	11	81	4	03	1	1	5	5	3	8									
20	16	0208	37	36	34	31	16	80	7	03	2	7	5	5											
20	19	0214	40	40	40	30	12	24	8	55	5	8	6	3											
20	22	0232	40	40	40	25	12	40	6	51	5	6	6	3						25	29	331	0000	41	26
21	01	0273	37	35	33	25	04	80	2	01	5	2	5	4											
21	04	0288	36	36	34	23	06	81	0	01	0	0													
21	07	0302	36	36	34	23	04	64	2	02	0	2	5	4											
21	10	0311	38	38	38	28	12	64	4	03	1	3	5	3	0	9									
21	13	0300	40	35	39	29	12	64	3	02	1	1	6	3	4	8									
21	16	0296	40	39	38	28	13	80	5	02	1	0	0	9	7	9									
21	19	0286	40	40	40	29	17	64	8	50	1	8	6	2											
21	22	0282	40	40	40	28	18	12	8	51	5	8	6	2						27	27	369	0003	40	35
22	01	0276	40	40	40	26	25	16	8	55	5	8	6	3											
22	04	0264	40	40	40	27	26	32	6	52	5	6	6	3											
22	07	0275	39	39	39	26	20	32	7	62	0	7	5	3											
22	10	0285	39	39	38	26	19	81	7	02	5	7	5	4											
22	13	0280	38	38	38	26	12	16	7	51	5	7	6	2											
22	16	0274	37	36	34	26	17	24	7	51	5	7	6	2											
22	19	0277	37	36	35	27	08	48	5	05	5	5	6	2											
22	22	0276	37	37	36	27	06	81	3	01	1	3	6	2						27	37	548	0005	40	36
23	01	0265	38	37	37	27	10	81	2	02	1	2	6	2											
23	04	0258	39	38	38	28	10	40	8	05	2	4	5	4											
23	07	0249	38	38	37	28	12	04	8	50	5	8	6	1											
23	10	0245	37	37	34	29	17	40	7	50	5	6	6	3	0	9									
23	13	0228	37	36	34	28	19	64	8	02	5	8	6	3											
23	16	0217	37	36	34	30	20	48	8	50	2	8	6	3											
23	19	0208	38	36	34	29	21	64	8	02	5	8	6	3											
23	22	0198	38	37	35	30	21	48	8	50	5	8	6	3						29	28	425	0007	39	36
24	01	0187	39	38	36	30	20	64	8	51	5	8	6	3											
24	04	0173	39	37	37	30	17	64	8	51	5	8	6	3											
24	07	0160	40	39	38	31	15	64	8	51	5	8	5	4											
24	10	0153	41	39	37	31	18	56	8	02	5	8	6	4											
24	13	0128	41	40	38	31	19	64	8	02	2	8	5	4											
24	16	0111	41	40	38	31	20	64	8	05	2	8	5	4											
24	19	0101	41	41	40	31	22	72	8	59	5	8	6	3											
24	22	0118	39	38	37	25	09	48	8	25	6	8	8	3						31	33	628	0000	42	35
25	01	0139	35	33	29	24	11	64	7	03	2	7	5	4											
25	04	0155	35	32	25	23	14	64	4	23	5	4	5	4											
25	07	0178	35	32	26	19	09	80	6	02	1	5	5	4	3										
25	10	0201	35	32	27	18	04	81	6	26	7	6	8	4											
25	13	0210	35	33	28	17	07	81	7	02	2	7	5	4											
25	16	0226	33	32	29	18	02	81	5	01	1	5	5	4											
25	19	0240	32	31	27	16	04	81	5	02	1	5	5	4											
25	22	0241	31	29	26	00	00	81	8	03	1	8	5	4						27	32	475	0002	36	30
26	01	0242	30	29	26	00	00	81	5	01	1	5	5	4											
26	04	0232	32	31	28	31	03	81	8	03	1	8	5	4											
26	07	0224	33	32	30	35	03	81	4	01	1	4	5	4											
26	10	0212	35	34	33	33	09	16	7	54	5	7	5	3											
26	13	0182	38	37	34	33	17	80	8	02	5	8	5	4											
26	16	0159	40	39	38	34	16	64	8	02	2	8	6	3											
26	19	0131	41	41	41	33	18	12	8	50	5	8	6	2											
26	22	0110	42	42	42	33	23	40	8	02	5	8	6	3						31	30	193	0000	42	30
27	01	0088	42	42	42	33	24	48	8	02	2	8	6	3											
27	04	0060	42	42	42	33	25	56	8	50	5	8	6	4											
27	07	0059	43	42	42	32	24	12	8	55	6	8	6	2											
27	10	0062	42	42	42	32	22	16	8	53	6	8	6	2											
27	13	0059	42	42	42	32	18	20	8	50	5	8	6	3											
27	16	0056	42	42	42	32	15	32	7	05	2	4	5	5											
27	19	0050	42	42	42	33	17	12	8	53	5	8	6	2											
27	22	0045	43	43	43	33	19	03	8	51	6	8	6	2						31	33	661	0007	43	41

Results of Surface Observations,
Macquarie Island, July, 1955

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	0037	42	42	42	33	15	16	8	63	6	8	6	2											
28	04	0037	42	42	42	33	12	24	8	58	6	8	6	2											
28	07	0027	43	43	43	35	15	16	8	59	6	8	6	2											
28	10	0027	43	43	43	33	14	20	8	51	5	8	6	1											
28	13	0015	43	43	43	33	14	20	8	51	5	8	6	1											
28	16	0015	42	42	42	31	15	16	8	40	5	8	6	1											
28	19	0014	43	43	43	31	10	02	8	51	5	8	6	0											
28	22	0018	43	43	43	31	16	32	8	05	4	8	6	2						35	26	554	0014	43	42
29	01	0015	42	42	42	34	10	02	8	51	5	8	6	0											
29	04	0011	43	43	43	34	12	32	8	05	4	8	6	1											
29	07	0013	42	42	42	34	08	32	8	05	2	8	6	2											
29	10	0013	43	43	43	34	06	16	8	10	2	8	6	2											
29	13	9996	44	44	44	35	10	16	8	63	6	8	0	2	2										
29	16	9985	43	43	43	35	11	04	8	63	6	8	0	2	2										
29	19	9993	42	42	42	33	08	01	8	51	6	8	6	1											
29	22	0003	41	41	41	00	00	01	8	51	5	8	6	1						35	31	448	0004	44	40
30	01	0004	41	41	41	00	00	01	8	51	5	8	6	1											
30	04	0014	43	42	42	00	00	80	3	01	5	3	6	4											
30	07	0031	41	41	41	15	02	02	8	53	5	8	6	1	4										
30	10	0045	40	39	39	15	03	81	7	03	1	7	5	4											
30	13	0049	38	38	38	16	03	56	7	16	2	7	5	2											
30	16	0057	37	37	37	15	06	32	7	05	4	2	6	1	0	8									
30	19	0066	37	37	37	15	09	05	7	50	4	7	6	1											
30	22	0068	37	37	37	15	11	03	8	53	5	8	6	0						15	14	278	0028	43	36
31	01	0068	37	37	37	16	09	08	8	53	5	8	6	0											
31	04	0065	38	38	38	15	05	24	7	53	5	7	6	3											
31	07	0068	39	39	39	16	03	12	8	53	5	8	6	0	4										
31	10	0073	40	40	40	15	03	24	8	11	5	7	5	4											
31	13	0066	41	41	41	15	03	81	6	01	4	3	5	4	0	8									
31	16	0069	40	40	40	16	04	32	7	05	2	7	5	5	4										
31	19	0083	40	40	40	13	03	81	1	01	1	1	5	5	4										
31	22	0096	40	39	39	16	07	81	5	03	1	5	5	4						15	12	298	0004	41	37

Results of Surface Observations, Macquarie Island, August, 1955

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	0105	37	37	37	00	00	02	7	46	4	7	6	0											
01	04	0113	36	36	36	28	04	02	8	45	4	8	6	0											
01	07	0122	37	37	37	27	03	81	2	40	4	1	6	0	0	8									
01	10	0124	36	36	36	28	10	04	7	46	5	7	6	1											
01	13	0117	39	39	39	30	12	06	7	51	5	7	6	2											
01	16	0116	38	38	38	28	14	24	7	02	5	7	6	2											
01	19	0124	38	38	38	27	17	24	6	51	5	4	6	2	3										
01	22	0139	38	38	38	28	07	10	5	51	5	5	6	2						27	28	199	0001	39	35
02	01	0144	38	37	36	00	00	81	2	01	5	2	6	2											
02	04	0151	36	36	36	00	00	64	6	03	1	6	6	3											
02	07	0156	36	36	36	14	03	01	8	51	5	8	6	2											
02	10	0167	36	36	36	00	00	12	6	40	5	6	6	0											
02	13	0153	39	39	39	33	04	03	7	46	1	7	6	0											
02	16	0153	38	38	38	34	03	10	7	41	5	7	6	0											
02	19	0155	37	37	37	33	06	08	7	53	5	7	6	0											
02	22	0153	37	37	37	32	07	12	8	53	5	8	6	2						31	12	269	0002	40	36
03	01	0149	37	37	37	34	05	04	8	53	5	8	6	2											
03	04	0139	37	37	37	35	06	24	8	20	5	8	6	2											
03	07	0130	38	38	38	34	03	32	7	52	5	7	6	3											
03	10	0125	40	40	40	34	04	81	8	02	2	5	5	4											
03	13	0104	41	41	40	35	10	64	8	61	6	8	6	3											
03	16	0090	41	41	40	00	00	80	8	20	5	8	6	3											
03	19	0077	41	41	41	00	00	02	8	51	5	8	6	0											
03	22	0072	42	42	42	00	00	03	8	45	4	8	6	0						35	19	230	0002	48	36
04	01	0068	40	40	40	00	00	02	8	51	5	8	6	0											
04	04	0065	38	38	38	00	00	12	8	41	4	3	6	0	7										
04	07	0071	40	40	40	00	00	48	7	05	2	7	5	5											
04	10	0077	40	40	40	00	00	48	7	02	2	7	5	7											
04	13	0075	41	41	41	13	02	56	7	02	2	7	8	6											
04	16	0075	40	40	40	15	03	08	7	46	6	6	6	1	3										
04	19	0082	40	40	40	16	06	20	8	02	4	8	6	2											
04	22	0087	40	40	40	16	04	01	8	47	5	8	6	1						15	10	112	0010	41	37
05	01	0086	40	39	40	13	04	64	7	02	4	8	6	3											
05	04	0081	40	40	40	10	16	48	8	02	2	8	6	4											
05	07	0085	41	41	41	10	08	48	8	50	6	8	6	2											
05	10	0091	41	41	41	09	11	64	8	02	5	8	6	3											
05	13	0080	41	41	40	10	09	64	5	01	1	2	6	3	3	1									
05	16	0075	40	40	40	10	10	01	8	51	5	8	6	3											
05	19	0066	41	41	40	11	10	56	8	20	5	8	5	4											
05	22	0062	43	42	42	10	07	56	8	53	6	8	5	4						11	20	215	0009	43	39
06	01	0050	42	42	42	10	02	01	8	47	6	8	6	0											
06	04	0039	41	41	41	33	03	01	8	45	6	8	6	0											
06	07	0034	39	39	39	05	05	01	8	45	5	8	6	0											
06	10	0036	42	42	41	35	10	80	7	05	4	2	5	4	7										
06	13	0018	42	42	42	36	10	03	8	51	5	8	6	0											
06	16	0006	42	42	42	36	10	64	7	05	4	4	5	5	0	8									
06	19	9998	41	41	41	34	05	64	8	05	1	6	5	5											
06	22	9992	40	40	40	34	04	63	3	05	1	3	6	2						35	20	229	0004	40	39
07	01	9976	40	40	40	29	02	08	8	45	4	8	6	1											
07	04	9964	39	39	39	29	02	80	6	05	4	6	6	3											
07	07	9957	39	39	39	00	00	81	7	02	2	7	6	4											
07	10	9951	40	40	40	00	00	81	6	02	2	6	5	5											
07	13	9938	40	40	39	00	00	64	8	02	2	8	5	5											
07	16	9929	40	39	38	25	01	40	8	02	5	8	5	5											
07	19	9932	39	37	35	00	00	48	6	01	2	6	5	5											
07	22	9928	38	37	34	30	01	40	8	50	5	8	6	4						31	08	188	0001	42	37
08	01	9929	37	37	35	31	04	40	8	53	5	8	6	4											
08	04	9924	37	36	34	31	08	64	8	02	5	8	6	4											
08	07	9926	37	36	34	35	05	56	8	02	2	8	5	4											
08	10	9931	36	35	33	34	06	64	8	02	2	8	5	4											
08	13	9923	37	36	35	34	07	64	7	50	2	7	5	3											
08	16	9921	35	34	32	34	07	81	8	02	2	8	5	4											
08	19	9923	36	35	32	34	09	80	8	02	2	8	5	3											
08	22	9917	36	35	32	35	08	80	8	53	6	8	5	4						35	17	131	0000	38	35
09	01	9908	37	35	33	34	09	80	8	02	2	8	5	4											
09	04	9892	39	36	33	35	05	80	8	02	2	8	5	4											
09	07	9884	38	36	34	03	07	80	7	01	2	7	5	5											
09	10	9876	38	36	33	36	08	81	8	02	2	8	5	4											
09	13	9852	41	39	37	04	08	81	8	02	2	8	5	4											
09	16	9838	41	40	37	05	10	81	5	01	1	1	5	4	7	8									
09	19	9814	42	41	41	07	11	81	8	02	2	8	5	5											
09	22	9792	42	42	42	09	12	40	8	51	5	8	6	3						09	31	219	0000	43	36

Results of Surface Observations, Macquarie Island, August, 1955

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	9778	43	43	43	36	12	32	8	51	6	8	6	2											
10	04	9767	43	43	43	03	05	40	7	05	5	7	6	2											
10	07	9772	42	42	41	35	13	40	6	05	6	6	6	2											
10	10	9773	42	42	42	35	11	40	6	03	1	3	6	2	3	2									
10	13	9769	42	42	41	36	14	24	7	02	1	4	6	2	7	6									
10	16	9770	41	40	39	35	09	48	4	01	1	2	6	3	7	1									
10	19	9776	41	41	40	35	13	80	3	01	1	3	6	4											
10	22	9780	41	41	41	35	16	64	2	02	0	2	6	3						35	28	257	0006	43	40
11	01	9787	41	41	41	33	16	48	8	03	1	8	6	3											
11	04	9807	41	40	39	29	16	64	6	52	2	6	6	3											
11	07	9838	39	37	34	27	23	80	5	15	5	5	5	4											
11	10	9871	39	38	36	27	20	80	5	01	8	3	8	5											
11	13	9896	40	38	33	27	21	56	6	03	8	5	5	4	7										
11	16	9924	38	37	35	26	20	80	7	51	8	7	5	4	4										
11	19	9949	39	36	32	27	16	80	5	25	8	5	5	4											
11	22	9963	40	37	34	30	12	48	5	20	5	5	5	4						27	33	423	0001	41	37
12	01	9978	40	39	37	31	11	48	8	58	5	8	5	4											
12	04	9977	41	41	39	33	13	48	8	51	5	8	5	4											
12	07	9980	41	41	41	33	16	40	7	20	5	7	5	3											
12	10	9987	42	42	42	32	19	40	8	05	2	5	6	2											
12	13	9991	42	42	42	33	19	32	8	51	5	8	6	1											
12	16	0002	42	42	42	33	18	01	8	47	4	8	6	0											
12	19	0026	41	41	41	29	10	03	8	45	4	8	6	0											
12	22	0050	40	40	40	16	10	80	8	05	4	8	6	2						33	28	424	0001	43	38
13	01	0070	38	38	38	15	15	16	8	51	5	8	6	1											
13	04	0082	38	38	38	15	10	32	8	51	5	8	6	2											
13	07	0095	39	39	39	11	06	04	8	45	4	8	6	0											
13	10	0099	40	40	40	11	06	01	9	50	4	8	6	0											
13	13	0094	40	40	40	11	04	01	9	51	5	8	6	0											
13	16	0105	40	40	40	05	04	01	8	51	5	8	6	1											
13	19	0113	40	40	40	03	03	02	8	53	5	8	6	2											
13	22	0118	41	41	41	03	06	04	8	45	5	8	6	2						15	16	381	0007	42	37
14	01	0119	40	40	40	10	04	02	8	51	5	8	6	3											
14	04	0118	39	39	39	04	03	16	8	02	5	8	6	3											
14	07	0123	39	39	39	07	02	03	8	55	6	8	6	2											
14	10	0127	39	39	39	09	01	64	8	02	6	8	6	3											
14	13	0115	39	38	37	09	02	80	6	01	2	5	5	4	4										
14	16	0117	37	36	33	09	10	81	6	02	1	6	5	5											
14	19	0115	35	34	31	09	11	81	6	03	1	6	5	4											
14	22	0113	35	35	35	10	09	48	8	52	2	8	6	3						09	18	156	0004	41	33
15	01	0101	38	37	36	10	08	48	7	20	5	7	6	3											
15	04	0089	39	38	36	09	11	40	8	20	5	8	6	3											
15	07	0093	40	38	36	10	12	81	6	01	2	3	5	4	4	9									
15	10	0098	40	39	39	09	12	80	7	50	5	7	5	3											
15	13	0088	41	40	39	09	03	81	2	01	1	2	5	3											
15	16	0091	39	39	38	07	02	81	3	02	1	2	5	3	7										
15	19	0102	39	38	38	07	04	40	7	50	5	7	6	3											
15	22	0106	39	37	35	03	04	80	6	02	5	6	5	4						09	23	276	0000	41	37
16	01	0110	39	37	35	36	01	81	1	01	1	1	5	4											
16	04	0109	38	37	35	09	08	81	1	02	1	1	5	4											
16	07	0116	39	37	35	10	08	81	4	03	1	3	5	4	3										
16	10	0122	39	37	35	09	11	81	7	03	1	7	5	5											
16	13	0119	40	39	39	11	05	81	6	15	5	6	5	5											
16	16	0120	39	39	39	14	11	64	7	02	5	6	6	2	3										
16	19	0127	39	38	37	12	17	64	8	20	5	8	6	4											
16	22	0137	39	37	36	11	17	80	3	01	5	3	6	4						11	22	163	0000	40	37
17	01	0133	38	36	33	12	16	80	3	01	6	3	6	4											
17	04	0131	38	37	34	12	20	80	8	50	6	8	5	5											
17	07	0131	39	37	34	12	15	64	7	02	5	7	5	5											
17	10	0131	39	38	37	12	19	64	7	03	1	6	5	4	3										
17	13	0121	40	39	37	12	17	56	7	20	5	7	5	4											
17	16	0120	38	36	34	13	18	81	7	02	2	7	5	4											
17	19	0116	37	36	35	12	17	64	4	20	5	4	5	4											
17	22	0115	36	36	35	14	17	64	5	50	5	5	5	4						11	25	403	0001	40	37
18	01	0102	36	35	35	14	16	48	6	58	6	6	5	3											
18	04	0098	35	35	34	14	17	80	5	21	6	6	5	3											
18	07	0102	35	35	34	14	17	24	6	83	8	6	6	4											
18	10	0104	35	35	34	15	15	64	6	26	7	6	6	3											
18	13	0093	35	35	34	15	16	81	5	05	1	5	6	3											
18	16	0095	35	34	34	15	17	32	6	85	7	6	8	3											
18	19	0094	35	34	32	15	10	81	8	02	7	8	5	3											
18	22	0099	34	34	33	16	06	32	8	51	5	8	6	3						13	24	489	0004	37	31

Results of Surface Observations, Macquarie Island, August, 1955

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	0090	31	31	31	19	04	32	8	51	5	8	6	3											
19	04	0078	33	33	31	18	08	81	3	01	5	3	5	4											
19	07	0084	33	33	32	18	03	80	6	05	1	6	5	4											
19	10	0080	33	32	29	17	09	81	6	26	8	6	5	4											
19	13	0071	35	33	30	18	05	80	7	85	8	7	8	4											
19	16	0076	33	31	27	18	04	64	7	15	2	7	8	4											
19	19	0084	31	29	25	22	05	81	3	01	1	3	5	4											
19	22	0089	31	31	30	24	03	48	6	56	5	6	5	4						17	16	297	0000	35	30
20	01	0089	31	30	28	27	04	64	5	02	2	5	5	4											
20	04	0093	31	29	27	23	04	64	7	03	2	7	5	4											
20	07	0098	31	29	25	26	07	64	7	56	5	7	5	4											
20	10	0102	34	32	28	28	10	81	7	02	5	7	5	5											
20	13	0093	35	34	30	27	10	80	7	85	8	7	8	5											
20	16	0090	35	33	29	29	08	80	8	85	4	8	5	4											
20	19	0084	37	36	33	33	15	80	7	01	2	7	5	4											
20	22	0069	39	37	35	33	18	80	8	26	8	8	5	5						33	24	172	0000	40	30
21	01	0050	40	39	38	34	16	64	8	03	2	8	6	4											
21	04	0033	40	39	39	35	10	64	8	02	2	8	6	3											
21	07	0007	41	40	39	36	17	64	8	02	2	8	6	3											
21	10	9995	41	41	40	36	19	81	8	02	2	2	6	3	7										
21	13	9945	41	41	40	34	15	24	8	61	6	8	6	2											
21	16	9899	41	41	41	36	08	12	8	60	6	8	6	2											
21	19	9844	43	43	43	34	20	12	8	61	6	8	6	2											
21	22	9835	43	43	43	31	25	08	8	51	5	8	6	1						35	39	382	0000	43	39
22	01	9837	43	43	43	31	22	08	8	61	6	8	6	2											
22	04	9837	42	42	42	31	17	12	8	51	5	8	6	2											
22	07	9850	41	41	41	26	06	04	8	51	5	8	6	0											
22	10	9868	39	39	38	15	17	16	8	20	5	8	6	1											
22	13	9887	36	36	35	15	23	24	8	50	5	8	6	2											
22	16	9902	34	34	33	15	23	48	7	20	5	6	5	4	3										
22	19	9923	34	32	29	15	16	56	6	02	5	5	5	4	3										
22	22	9933	33	31	27	14	17	48	7	02	2	7	5	4						15	29	518	0032	43	32
23	01	9951	32	30	26	15	10	64	7	02	2	7	5	4											
23	04	9959	32	30	26	14	05	80	7	02	2	7	5	5											
23	07	9978	31	29	24	09	03	80	7	02	2	6	5	5	3										
23	10	9983	33	31	27	11	08	80	8	03	2	8	5	5											
23	13	9967	34	32	28	09	08	80	8	02	2	8	5	4											
23	16	9955	35	34	34	09	10	12	8	51	5	8	6	3											
23	19	9929	38	38	38	08	11	03	8	51	5	8	6	0											
23	22	9905	41	41	41	36	03	03	8	59	6	8	6	0						09	25	439	0000	41	31
24	01	9853	41	41	41	15	08	04	8	59	6	8	6	0											
24	04	9844	41	41	41	16	02	03	8	59	6	8	6	0											
24	07	9886	38	38	37	16	11	16	8	59	6	8	6	3											
24	10	9937	36	36	35	16	16	16	8	61	6	8	6	3											
24	13	9982	36	35	35	16	11	80	7	02	6	7	5	3											
24	16	0018	35	34	32	15	05	80	8	02	2	8	5	4											
24	19	0050	35	35	34	11	08	32	8	56	5	8	6	3											
24	22	0061	35	35	35	11	10	24	8	56	5	8	6	3						15	25	274	0059	42	34
25	01	0068	36	36	36	11	11	24	8	58	6	8	6	2											
25	04	0071	37	37	37	11	08	08	8	58	6	8	6	1											
25	07	0071	39	39	39	11	03	02	8	51	5	8	6	0											
25	10	0067	40	40	40	11	02	00	9	51	5	8	6	0											
25	13	0055	40	40	40	15	08	01	9	47	5	8	6	0											
25	16	0049	39	39	39	15	05	12	8	55	5	8	6	1											
25	19	0040	39	39	39	10	11	02	7	44	5	7	6	1											
25	22	0033	40	40	40	11	13	02	8	51	5	8	6	2						11	18	289	0036	41	35
26	01	0017	40	39	39	10	10	40	8	60	6	8	6	2											
26	04	9999	39	39	39	10	11	32	8	50	6	8	6	2											
26	07	9986	39	39	39	11	11	40	8	60	5	8	6	3											
26	10	9974	39	39	38	10	14	40	8	61	6	8	6	3											
26	13	9945	39	39	39	12	12	06	8	53	5	8	6	0											
26	16	9926	38	38	38	13	10	03	8	51	5	8	6	0											
26	19	9916	36	36	36	15	18	16	8	63	6	8	6	2											
26	22	9908	34	34	34	16	24	24	8	58	6	8	6	2						15	27	287	0023	40	32
27	01	9913	31	30	28	17	12	48	4	26	8	4	6	3											
27	04	9912	32	29	25	16	20	80	6	26	8	6	5	4											
27	07	9931	29	27	24	17	12	80	6	85	8	6	5	4											
27	10	9942	28	26	21	17	09	81	7	02	7	7	5	4											
27	13	9946	28	26	23	17	12	16	8	77	7	8	5	3											
27	16	9966	27	25	19	18	15	81	7	02	7	7	5	4											
27	19	9994	27	24	18	22	15	81	7	02	7	7	5	4											
27	22	0009	29	27	22	22	10	81	8	02	7	8	5	5						27	29	628	0029	33	26

Results of Surface Observations, Macquarie Island, August, 1955

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	0026	30	27	21	26	16	81	8	02	7	8	5	5											
28	04	0039	31	28	22	26	18	80	8	02	2	8	5	4											
28	07	0052	32	30	26	26	17	48	8	77	7	8	5	4											
28	10	0056	33	30	23	26	24	80	8	26	8	8	5	5											
28	13	0053	36	34	30	27	21	80	7	02	8	7	8	5											
28	16	0055	38	36	33	28	24	72	7	25	8	6	8	5	3										
28	19	0055	39	39	39	30	20	40	8	53	8	8	6	5											
28	22	0057	41	40	40	30	22	48	8	61	6	8	6	4						24	40	182	0002	42	29
29	01	0044	42	41	41	31	22	32	8	02	6	8	6	3											
29	04	0016	42	42	42	31	24	32	8	51	5	8	6	2											
29	07	0003	43	43	43	31	25	24	8	61	6	8	6	2											
29	10	0009	44	43	42	29	29	16	8	10	6	8	6	3											
29	13	0017	43	43	42	30	22	16	8	50	8	8	6	3											
29	16	0017	43	43	43	30	20	16	8	50	5	8	6	1											
29	19	0029	43	43	42	31	19	16	8	10	5	8	6	0											
29	22	0022	44	43	42	31	24	64	8	01	2	5	6	3						29	40	654	0003	44	41
30	01	0011	43	43	42	32	24	40	7	02	2	3	6	4	7										
30	04	9989	43	43	42	32	25	24	8	03	2	8	6	2											
30	07	9952	44	44	43	33	30	16	8	59	5	8	6	3											
30	10	9933	44	44	44	33	30	16	8	10	5	8	6	2											
30	13	9893	44	42	40	31	27	40	3	05	2	3	5	4											
30	16	9832	41	40	37	32	31	40	6	80	8	6	5	4											
30	19	9805	40	40	40	28	20	32	8	50	6	8	6	4											
30	22	9859	41	41	41	27	21	32	8	60	6	8	6	3						31	53	647	0002	45	34
31	01	9944	33	33	32	22	33	32	7	56	5	7	5	3											
31	04	0042	32	31	29	19	24	48	8	87	8	8	5	5											
31	07	0121	32	31	28	20	18	80	8	05	8	8	5	4											
31	10	0155	33	31	25	19	18	81	3	01	1	3	1	5											
31	13	0194	34	31	25	18	15	81	3	02	0	3	4	5											
31	16	0220	35	32	25	23	11	81	0	02	0	0													
31	19	0239	35	33	27	27	12	81	1	02	0	1	1	5											
31	22	0249	38	36	33	26	14	64	8	03	1	8	5	4						25	66	682	0004	39	31

Results of Surface Observations, Macquarie Island. September 1955

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	0258	39	36	31	26	12	80	6	02	5	6	5	5											
01	04	0265	37	35	30	26	14	64	8	03	2	8	5	5											
01	07	0277	37	35	32	00	00	64	6	02	2	6	5	5											
01	10	0285	38	35	30	28	01	64	8	03	1	8	5	4											
01	13	0285	39	36	32	27	02	81	7	01	2	7	5	5											
01	16	0287	38	35	31	33	02	81	2	01	1	2	5	5											
01	19	0289	37	35	33	34	09	81	1	02	1	6	5	4											
01	22	0290	36	35	33	34	11	81	7	03	2	7	5	4						25	30	323	0000	40	35
02	01	0284	36	35	34	34	14	80	8	03	2	8	5	3											
02	04	0273	37	36	34	33	20	80	8	50	2	8	6	4											
02	07	0267	39	37	34	33	17	80	8	02	2	8	5	4											
02	10	0262	38	37	35	35	13	81	8	02	2	8	5	4											
02	13	0242	40	40	39	34	12	81	8	05	2	8	6	3											
02	16	0228	40	40	40	33	13	48	8	05	2	4	5	4											
02	19	0220	40	40	40	32	17	32	6	60	6	6	6	3											
02	22	0213	40	40	40	34	11	48	7	05	6	4	6	3						33	27	309	0000	40	35
03	01	0194	40	40	40	34	12	48	8	51	5	4	5	4											
03	04	0175	40	40	40	34	12	80	7	02	5	5	5	3	7										
03	07	0158	41	40	40	36	17	81	8	02	2	2	6	3	7										
03	10	0144	41	41	41	36	20	56	8	02	2	7	6	3	1										
03	13	0112	41	41	41	36	20	40	8	60	6	6	6	3	1										
03	16	0077	41	41	41	35	20	40	8	61	6	5	6	3	2										
03	19	0063	42	42	42	33	20	04	8	52	6	8	6	2											
03	22	0051	42	42	42	33	13	01	8	53	5	8	6	2						35	32	407	0004	42	39
04	01	0044	41	41	41	31	05	01	9	51	5	8	6	0											
04	04	0034	42	41	40	18	03	64	7	02	6	7	5	4											
04	07	0041	39	39	39	00	00	48	8	50	5	8	6	2											
04	10	0039	40	40	39	05	01	81	7	01	2	7	5	3											
04	13	0034	39	39	39	12	01	12	8	50	5	8	6	0											
04	16	0029	38	37	37	18	02	81	8	02	5	6	6	3	7										
04	19	0024	37	37	36	16	14	80	7	03	1	7	6	3											
04	22	0007	36	36	36	15	20	64	8	02	5	7	6	2	1					13	27	379	0013	42	35
05	01	0019	36	35	35	16	20	64	8	02	2	8	6	4											
05	04	0028	36	36	35	16	18	80	7	26	5	7	5	4											
05	07	0055	35	33	27	17	16	81	4	15	8	3	8	5	0	1									
05	10	0067	36	34	30	18	13	81	8	26	7	8	5	4											
05	13	0077	35	33	31	18	05	40	8	77	7	8	5	4											
05	16	0087	36	35	33	16	08	81	5	26	7	5	5	3											
05	19	0110	34	33	32	18	03	81	7	02	7	7	5	4											
05	22	0122	34	33	30	18	04	81	1	01	2	1	5	4						15	29	363	0004	37	33
06	01	0128	34	33	31	18	11	81	6	03	1	6	5	4											
06	04	0131	33	31	29	19	10	80	7	26	7	7	5	4											
06	07	0140	33	33	33	22	06	81	3	02	7	2	5	4	3										
06	10	0139	36	35	33	23	04	64	8	50	5	8	5	5											
06	13	0126	39	39	38	27	14	80	7	16	1	6	5	4	3										
06	16	0126	37	37	37	27	10	40	8	51	5	8	6	2											
06	19	0129	37	37	37	24	15	40	8	51	5	8	6	3											
06	22	0128	38	38	38	23	09	32	8	51	5	8	6	2						27	28	229	0001	40	32
07	01	0120	38	38	38	26	12	32	5	53	5	5	6	3											
07	04	0108	39	39	39	26	26	64	8	51	5	6	6	2	3										
07	07	0109	39	39	39	26	26	64	7	02	6	7	6	2											
07	10	0108	39	39	38	27	28	40	7	02	6	6	6	2	7										
07	13	0118	39	39	39	22	09	16	8	51	2	8	6	2											
07	16	0127	37	37	35	17	16	64	6	05	2	6	6	3											
07	19	0148	35	34	32	17	06	80	2	01	1	2	6	4											
07	22	0157	34	32	28	19	03	81	2	02	0	2	5	5						25	50	397	0003	40	34
08	01	0167	34	33	31	18	09	81	0	02	0	0													
08	04	0176	34	32	27	20	03	81	0	02	0	0													
08	07	0191	36	34	29	18	03	81	2	03	0	0	0	9	0	5									
08	10	0198	38	36	32	16	04	81	1	02	1	0	0	9	0	8									
08	13	0202	41	37	30	25	05	81	4	03	1	0	0	9	7										
08	16	0208	39	37	34	26	05	81	1	02	0	1	0	5											
08	19	0214	37	35	32	25	08	81	0	02	0	0													
08	22	0219	37	36	34	26	06	81	0	02	0	0								25	24	269	0001	41	32
09	01	0216	39	39	39	27	10	40	7	50	5	7	6	4											
09	04	0211	39	39	39	28	10	48	6	05	5	6	6	4											
09	07	0213	39	39	39	27	11	04	8	51	5	8	6	0											
09	10	0210	39	39	39	29	11	04	8	55	5	8	6	2											
09	13	0196	40	40	39	27	18	64	7	20	5	7	8	5											
09	16	0194	39	38	37	28	17	16	7	53	5	7	6	2											
09	19	0199	38	38	37	28	18	64	6	50	5	6	5	4											
09	22	0196	38	38	38	29	20	64	5	50	5	5	5	4						29	30	265	0005	41	37

Results of Surface Observations, Macquarie Island, September 1955

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	0190	39	39	39	30	21	40	8	51	5	8	6	3											
10	04	0181	39	39	39	30	20	40	8	55	5	8	6	2											
10	07	0171	40	39	39	30	23	80	7	02	5	7	5	4											
10	10	0153	42	41	41	31	25	80	8	02	2	8	5	3											
10	13	0116	42	42	41	31	32	64	7	20	5	6	6	3	0	1									
10	16	0083	43	42	41	31	37	72	8	05	6	7	5	4	7										
10	19	0041	43	43	42	32	40	40	8	59	8	8	5	4											
10	22	0007	43	43	43	32	40	40	8	59	6	8	6	4						31	57	556	0000	44	37
11	01	9948	44	44	44	32	40	40	8	59	6	8	6	2											
11	04	9920	44	44	44	31	37	32	8	59	6	8	6	2											
11	07	9955	42	42	42	30	29	20	8	51	6	8	6	3											
11	10	9974	41	41	41	27	19	40	7	50	5	7	6	3											
11	13	9974	41	40	40	29	22	80	7	05	5	7	5	3											
11	16	9920	41	41	41	31	22	40	8	58	6	8	6	3											
11	19	9878	43	41	38	29	47	40	8	50	5	8	5	4											
11	22	9910	33	33	33	16	28	24	8	72	7	8	6	2						29	70	894	0038	44	32
12	01	0019	36	34	30	26	20	81	4	01	7	4	5	4											
12	04	0036	37	35	32	27	26	81	3	02	7	3	5	4											
12	07	0016	37	37	36	29	38	80	6	25	8	3	8	4	0	8									
12	10	0020	34	34	33	28	30	48	8	26	8	8	8	4											
12	13	0044	34	32	27	26	34	24	6	86	1	5	9	5	0	3									
12	16	0071	37	33	25	27	35	80	6	15	8	3	2	5	0	8									
12	19	0076	36	33	28	27	20	81	3	01	1	2	1	5	0	8									
12	22	0067	37	35	30	29	31	81	5	02	1	5	4	5						29	91	704	0024	40	31
13	01	0051	38	36	32	29	33	80	5	02	2	5	5	5											
13	04	0036	39	38	38	30	24	64	6	25	8	6	5	5											
13	07	0022	39	38	37	29	22	80	6	02	8	5	5	5	3										
13	10	0007	41	40	39	31	21	81	5	03	1	1	8	5	7	5									
13	13	9971	42	42	42	31	18	80	8	03	1	1	8	5	7	7									
13	16	9931	41	41	41	34	12	32	8	61	6	8	6	2											
13	19	9870	42	42	42	34	14	04	8	58	6	8	6	0											
13	22	9844	43	43	43	31	27	24	8	59	6	8	6	2						29	49	754	0001	44	36
14	01	9850	42	42	42	29	24	03	8	51	6	8	6	0											
14	04	9879	40	40	39	28	19	64	6	01	5	6	5	4											
14	07	9899	41	40	41	28	24	20	8	50	5	8	6	2											
14	10	9910	42	42	42	29	23	16	8	51	5	8	6	1											
14	13	9916	42	42	41	29	25	40	7	60	6	7	6	2											
14	16	9946	41	40	39	29	24	32	8	60	6	6	6	4	2										
14	19	9973	41	40	39	28	12	80	8	05	5	8	6	4											
14	22	9962	40	39	38	31	13	40	8	51	5	8	5	5						29	43	534	0025	44	36
15	01	9940	36	36	36	31	06	24	8	61	6	8	6	2											
15	04	9925	35	35	35	00	00	24	8	61	6	8	6	3											
15	07	9936	38	38	37	27	13	48	8	05	6	3	6	3	7	8									
15	10	9945	39	38	37	27	14	80	6	15	2	6	8	4											
15	13	9940	40	40	39	29	15	80	4	25	2	3	2	5	0	2									
15	16	9938	40	39	38	30	22	64	7	03	1	6	5	5	0	2									
15	19	9935	41	40	39	30	23	81	5	02	2	5	5	5											
15	22	9951	40	38	36	28	18	81	2	02	8	2	5	5						29	40	414	0022	42	35
16	01	9946	40	39	38	29	24	81	2	02	0	2	5	5											
16	04	9944	41	40	39	29	24	80	3	02	0	3	5	5											
16	07	9934	41	41	40	31	24	64	7	03	1	4	6	4	3	2									
16	10	9919	42	42	42	31	31	56	7	80	1	6	8	4	7										
16	13	9896	43	42	42	31	30	56	8	50	8	6	6	4	1										
16	16	9907	39	39	39	25	10	32	8	61	6	8	6	3											
16	19	9902	36	36	36	14	04	48	8	20	6	8	6	3											
16	22	9872	38	38	38	00	00	40	8	58	6	8	6	2						31	45	582	0001	44	36
17	01	9805	42	42	42	34	18	40	8	50	5	8	5	4											
17	04	9741	41	41	41	31	12	80	8	21	6	8	5	4											
17	07	9785	30	28	25	18	20	64	7	26	8	7	8	4											
17	10	9853	31	30	28	18	22	48	6	85	7	6	8	4											
17	13	9896	35	33	30	26	26	80	4	15	7	4	8	3											
17	16	9919	37	33	25	26	27	81	4	01	7	4	5	4											
17	19	9912	39	37	34	31	22	81	4	02	1	4	5	4											
17	22	9872	41	40	39	32	32	32	8	61	6	8	6	3						17	59	472	0049	42	30
18	01	9850	42	42	42	31	29	24	8	84	2	8	6	2											
18	04	9816	42	42	41	31	37	24	8	61	6	8	6	3											
18	07	9810	43	43	43	30	31	16	8	51	5	8	6	2											
18	10	9801	43	43	42	31	34	24	8	50	6	8	6	3											
18	13	9789	42	41	41	31	35	20	8	63	6	6	6	3	2										
18	16	9774	43	41	37	29	39	40	6	01	6	1	6	4	3										
18	19	9824	42	39	34	29	52	24	6	80	8	6	8	5											
18	22	9868	40	38	35	29	50	40	2	27	8	2	2	5						27	80	705	0011	44	31

Results of Surface Observations, Macquarie Island, September 1955

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	9923	38	38	38	29	35	40	4	80	8	4	2	5											
19	04	9961	38	37	35	28	31	64	2	01	8	2	2	5											
19	07	9983	39	38	36	27	29	80	3	02	8	2	2	5	0	2									
19	10	9995	40	40	39	29	20	56	7	01	8	5	8	4	2										
19	13	9987	41	40	39	29	25	56	8	58	8	8	6	4											
19	16	9983	37	37	37	28	21	81	7	27	8	8	5	4	0	8									
19	19	9982	36	36	36	29	23	64	7	58		5	7	4											
19	22	9995	32	34	29	26	32	81	3	27	8	3	5	4						27	65	928	0024	42	35
20	01	0011	37	34	30	27	30	80	8	03	8	8	5	6											
20	04	0025	36	34	30	27	25	80	7	01	8	6	5	5	3										
20	07	0046	35	33	30	23	12	81	7	02	8	6	5	5	3										
20	10	0057	36	35	35	25	12	81	8	26	7	8	8	5	4										
20	13	0057	37	33	25	27	12	81	8	02	2	8	8	5	4										
20	16	0051	35	35	34	27	12	81	7	02	2	6	5	4	7										
20	19	0043	38	35	29	29	23	81	7	02	2	7	5	5											
20	22	0037	37	36	34	29	20	81	5	01	8	5	5	5						27	44	601	0013	39	33
21	01	0018	39	38	37	29	24	48	8	50	8	8	5	4											
21	04	9995	40	39	36	30	24	80	8	05	2	8	5	4											
21	07	9976	41	40	39	30	26	48	7	05	2	5	6	3	7										
21	10	9956	41	40	39	31	32	32	8	60	2	6	6	4	1										
21	13	9917	42	40	38	31	33	40	8	05	2	6	6	4	1										
21	16	9870	42	40	38	31	37	48	6	25	2	4	8	4	1	8									
21	19	9817	42	40	38	31	42	48	8	05	2	5	5	5	1										
21	22	9759	49	41	39	31	47	32	8	61	6	8	5	5						31	70	576	0003	42	34
22	01	9773	35	35	35	29	26	12	8	69	6	8	6	4											
22	04	9771	37	35	32	28	25	80	6	21	7	6	6	4											
22	07	9800	36	33	28	27	24	81	6	15	8	3	2	5	0	8									
22	10	9798	36	34	31	29	19	80	8	02	8	3	8	5	0	7									
22	13	9761	39	37	37	31	26	80	8	03	2	8	5	5											
22	16	9731	37	37	37	31	22	48	8	60	6	8	5	3											
22	19	9673	40	39	39	32	33	80	4	25	5	2	5	4	7										
22	22	9668	40	39	38	31	34	80	3	25	8	3	5	4						31	67	910	0033	41	33
23	01	9703	35	33	29	26	34	48	8	71	8	8	5	4											
23	04	9761	34	33	25	27	32	81	8	86	8	6	5	4											
23	07	9889	33	32	30	28	28	80	6	85	8	6	8	4											
23	10	9832	35	35	33	29	26	81	5	26	7	2	6	7											
23	13	9823	35	35	35	30	40	08	8	88	7	8	8	2											
23	16	9817	36	36	35	29	32	48	4	27	7	4	8	4											
23	19	9836	37	35	31	28	28	80	5	27	7	5	5	5											
23	22	9847	35	35	34	29	28	40	7	88	8	7	8	3						29	73	782	0010	39	29
24	01	9855	36	34	32	28	28	48	4	27	7	4	5	4											
24	04	9859	35	34	32	28	24	80	6	27	7	6	5	4											
24	07	9854	36	35	33	28	18	80	5	15	8	3	5	4	0	8									
24	10	9845	35	35	33	28	20	81	7	27	8	6	3	5	0	8									
24	13	9808	36	36	36	29	26	48	7	27	8	6	2	5	7										
24	16	9778	34	34	33	27	26	48	7	25	8	7	2	5											
24	19	9769	34	31	24	26	40	81	7	85	8	7	2	6											
24	22	9801	30	27	19	25	32	81	6	26	8	6	2	6						27	64	735	0031	38	26
25	01	9822	29	26	22	25	26	81	6	85	8	6	2	5											
25	04	9843	26	25	21	26	32	80	5	85	8	5	2	5											
25	07	9854	24	23	22	26	19	16	6	86	8	6	2	5											
25	10	9824	28	27	25	26	10	24	8	71	8	8	5	4											
25	13	9800	33	30	25	27	33	80	4	85	8	4	8	4											
25	16	9813	29	27	21	25	33	48	7	27	8	7	8	4											
25	19	9846	24	22	19	26	34	08	7	86	8	7	8	3											
25	22	9888	26	24	18	26	20	80	5	03	8	5	8	4						25	62	762	0009	33	22
26	01	9924	25	22	13	18	09	80	3	01	8	3	5	4											
26	04	9939	26	24	21	26	10	40	5	85	8	5	8	4											
26	07	9944	30	27	21	27	21	80	6	01	8	6	8	4											
26	10	9951	30	27	21	28	18	80	7	85	2	7	8	5											
26	13	9949	29	29	27	28	14	20	8	85	7	8	6	3											
26	16	9928	29	27	25	00	00	16	8	71	7	8	6	3											
26	19	9877	37	36	36	34	18	80	8	20	5	8	6	3											
26	22	9832	39	39	39	32	28	16	8	61	6	8	6	4						31	49	566	0009	46	22
27	01	9783	41	40	39	29	33	80	7	21	6	7	5	5											
27	04	9793	39	38	37	27	32	80	5	21	6	5	5	4											
27	07	9860	36	33	27	25	28	81	4	01	8	4	5	4											
27	10	9880	36	34	28	27	27	81	6	03	1	0	3	1											
27	13	9907	37	35	30	27	25	81	6	02	2	6	5	5											
27	16	9933	36	33	27	26	17	81	4	02	1	4	5	6											
27	19	9965	35	32	27	28	07	81	1	01	1	1	5	5											
27	22	9977	35	33	29	29	04	81	2	03	1	0	0	9	7					12	59	593	0016	41	34

Results of Surface Observations, Macquarie Island, September 1955

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	9981	36	36	34	34	03	64	8	50	5	8	6	3											
28	04	9976	39	39	39	18	02	24	7	53	5	7	6	2											
28	07	9985	41	41	41	33	02	02	8	53	6	8	6	2											
28	10	9994	43	43	43	00	00	16	5	40	4	3	5	3	7										
28	13	0002	40	40	40	30	09	01	8	45	4	8	6	0											
28	16	0020	39	39	39	29	11	04	8	45	4	8	6	0											
28	19	0036	38	38	38	29	14	32	8	50	5	8	6	2											
28	22	0042	39	39	39	31	11	01	8	45	5	8	6	0						29	24	295	0003	45	36
29	01	0033	41	41	41	32	17	01	8	51	5	8	6	0											
29	04	0026	40	40	40	32	20	02	8	51	5	8	6	0											
29	07	0024	41	41	41	33	23	40	8	20	5	8	6	2											
29	10	0024	42	42	42	31	25	04	8	50	5	8	6	0											
29	13	0024	42	42	42	31	21	20	8	10	5	8	6	1											
29	16	0021	41	41	41	31	19	24	8	61	6	8	6	1											
29	19	0027	41	41	41	32	10	04	8	51	5	8	6	0											
29	22	0034	41	41	41	32	09	01	8	47	5	8	6	0						31	32	422	0002	42	37
30	01	0040	38	38	38	29	10	01	8	45	4	8	6	0											
30	04	0047	39	39	39	29	13	04	8	51	5	8	6	0											
30	07	0067	41	41	41	29	08	81	3	01	5	1	6	3	3	8									
30	10	0076	42	42	42	29	04	81	4	02	0	2	6	3	4	8									
30	13	0080	43	42	42	31	11	80	6	03	1	3	6	3	0	6									
30	16	0083	41	41	41	34	04	81	7	40	2	5	6	2	0	8									
30	19	0082	39	39	39	29	02	02	8	47	4	8	6	2											
30	22	0068	41	41	41	16	03	64	8	50	4	8	6	2						29	21	431	0014	44	36

Results of Surface Observations,
Macquarie Island, October, 1955

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	0033	42	42	42	14	02	04	8	61	6	8	6	2											
01	04	9969	42	42	42	12	11	04	8	63	6	8	6	2											
01	07	9927	43	43	43	18	03	04	8	58	6	8	6	2											
01	10	9927	43	43	43	25	16	12	8	53	5	8	6	1											
01	13	9968	41	41	41	28	18	32	8	02	5	8	6	2											
01	16	9984	40	40	40	31	11	40	7	02	5	7	6	2											
01	19	9992	41	40	39	33	14	64	8	02	2	8	5	4											
01	22	9986	41	41	40	34	13	64	8	02	2	8	5	4						29	30	232	0030	44	40
02	01	9968	41	41	41	34	13	64	8	02	2	6	5	4	1										
02	04	9959	41	41	41	34	10	64	7	01	2	7	5	3											
02	07	9963	41	41	41	32	16	32	8	58	5	8	6	2											
02	10	9969	42	42	42	31	12	40	8	05	5	8	6	2											
02	13	9973	42	42	42	31	09	02	8	50	5	8	6	0											
02	16	9978	41	41	41	29	03	01	8	45	4	8	6	0											
02	19	9979	42	42	42	00	00	02	8	45	4	8	6	0											
02	22	9973	43	43	43	03	06	04	8	43	4	8	6	0						33	25	349	0007	44	40
03	01	9954	40	40	40	00	00	01	8	47	4	8	6	0											
03	04	9942	41	41	41	32	10	02	8	51	5	8	6	0											
03	07	9926	41	41	41	32	17	80	8	05	4	8	6	2											
03	10	9916	41	40	40	33	20	64	7	20	5	7	6	3											
03	13	9890	43	42	41	32	22	80	5	01	5	3	6	3	3										
03	16	9873	42	41	39	32	19	80	4	02	2	1	6	4	0	2									
03	19	9885	40	38	35	29	23	80	3	01	8	2	5	5	0	1									
03	22	9892	39	36	31	30	24	64	2	01	8	2	5	5						29	51	247	0002	43	35
04	01	9895	38	36	30	28	25	80	6	25	8	6	2	5											
04	04	9895	35	35	33	29	23	64	7	27	8	7	2	5											
04	07	9889	36	36	34	31	18	16	8	84	8	8	3	2											
04	10	9909	38	35	30	26	25	80	3	26	8	2	8	4	0	2									
04	13	9923	39	36	31	28	28	40	5	26	9	3	8	4	7										
04	16	9933	37	35	32	29	32	24	7	93	2	7	8	3											
04	19	9959	37	34	31	28	31	48	4	26	8	3	5	4	3										
04	22	9990	35	33	31	25	36	48	6	26	8	6	8	4						29	62	621	0008	40	33
05	01	0015	35	31	24	26	25	80	5	02	1	5	5	4											
05	04	0026	35	33	28	28	18	80	6	03	1	6	5	4											
05	07	0028	37	35	30	29	22	81	3	01	1	3	5	5											
05	10	0018	39	37	35	30	20	81	8	02	1	5	5	5											
05	13	9995	40	38	36	31	26	81	7	02	1	7	5	5											
05	16	9960	40	39	38	31	30	48	8	05	2	0	6	9	2										
05	19	9980	37	37	37	28	16	81	1	27	8	1	6	3											
05	22	9989	39	39	38	29	20	48	8	05	6	8	6	4						31	45	697	0002	41	34
06	01	9995	39	38	38	29	25	40	8	50	5	8	6	4											
06	04	9969	39	39	39	30	26	32	8	61	6	8	6	4											
06	07	9935	41	41	41	31	32	24	8	60	6	8	6	3											
06	10	9912	42	41	40	31	35	32	8	02	2	7	6	4	1										
06	13	9853	42	41	39	31	40	32	8	60	6	7	6	4	1										
06	16	9878	39	37	34	27	35	32	7	05	8	7	6	5											
06	19	9925	37	35	32	26	28	64	6	87	8	6	2	5											
06	22	9939	37	33	27	27	25	64	3	01	8	3	5	6						31	73	625	0011	43	32
07	01	9959	35	33	31	27	21	48	5	26	1	5	5	5											
07	04	9972	34	33	31	27	21	80	6	02	8	6	5	5											
07	07	0012	35	33	27	26	28	81	3	15	1	2	9	5	0	3									
07	10	0040	34	32	29	26	22	24	7	86	1	7	8	5											
07	13	0045	36	36	36	28	21	48	6	26	1	2	8	5	7										
07	16	0048	39	38	35	29	26	80	8	60	6	7	8	3											
07	19	0060	35	35	35	28	22	48	8	83	8	8	8	3											
07	22	0066	37	37	37	29	19	64	7	02	8	7	6	3						27	50	777	0003	40	32
08	01	0064	37	37	36	28	18	80	3	01	8	3	5	4											
08	04	0067	38	38	38	28	18	40	3	15	8	2	8	4	6										
08	07	0079	39	38	37	28	18	64	5	01	8	4	8	4	7										
08	10	0086	41	40	39	27	17	81	6	02	1	5	5	4	7										
08	13	0089	41	40	39	29	16	81	6	15	1	6	5	4											
08	16	0084	39	39	38	29	22	81	5	15	8	3	8	5	3										
08	19	0089	39	38	38	29	22	81	0	01	1	0													
08	22	0089	39	38	37	29	29	32	7	60	6	7	6	3						29	46	535	0017	41	35
09	01	0087	39	39	38	28	26	48	8	05	6	8	6	4											
09	04	0092	39	39	38	28	28	81	8	02	2	8	5	4											
09	07	0101	39	39	38	29	23	81	8	02	2	8	5	4											
09	10	0107	40	40	39	29	22	80	8	02	2	8	5	4											
09	13	0095	40	38	33	29	22	80	8	02	2	8	5	5											
09	16	0087	39	37	34	29	22	72	8	02	2	7	5	5											
09	19	0081	39	37	34	29	17	72	8	02	2	8	5	4											
09	22	0068	39	38	35	29	17	64	8	02	2	8	5	4						29	41	598	0002	41	37

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
10	01	0053	39	39	37	29	10	72	7	02	2	7	5	4											
10	04	0038	39	38	38	29	09	80	7	60	2	5	6	3	1										
10	07	0031	40	39	38	29	06	48	8	50	6	8	6	3											
10	10	0018	40	40	40	00	00	24	8	50	5	8	6	2											
10	13	9989	42	42	42	30	04	08	8	53	6	8	6	0											
10	16	9966	43	43	43	31	20	03	8	60	6	8	6	0											
10	19	9959	42	42	42	32	22	02	8	51	5	8	6	0											
10	22	9957	42	41	41	31	20	01	8	53	5	8	6	0						31	30	426	0003	43	39
11	01	9955	41	41	41	29	07	02	8	58	5	8	6	0											
11	04	9958	39	39	39	15	14	12	8	59	6	8	6	3											
11	07	9957	37	37	36	15	22	16	8	55	5	8	6	3											
11	10	9957	37	37	37	15	24	08	8	58	6	8	6	0											
11	13	9950	36	36	36	14	31	12	8	58	6	8	6	1											
11	16	9961	35	35	34	14	34	16	8	58	7	8	6	2											
11	19	9998	35	34	32	14	34	40	8	60	6	8	6	4											
11	22	0018	35	35	34	14	31	48	8	61	6	8	6	4						13	44	453	0050	42	35
12	01	0029	35	35	34	15	31	24	8	56	6	8	6	3											
12	04	0042	35	34	32	15	33	32	8	50	5	8	6	4											
12	07	0060	36	34	31	14	33	80	8	02	2	8	5	4											
12	10	0068	36	35	33	13	33	48	8	05	2	8	5	4											
12	13	0070	38	36	34	13	31	48	7	05	2	7	5	4											
12	16	0066	38	36	33	12	32	48	7	05	2	4	5	5	0	8									
12	19	0069	39	37	35	12	34	48	7	02	2	7	5	4											
12	22	0066	39	38	36	12	32	40	8	20	5	8	5	4						11	46	895	0018	40	34
13	01	0057	40	39	38	11	31	20	8	60	5	8	5	4											
13	04	0042	40	39	39	11	29	40	8	61	6	6	6	3	1										
13	07	0039	40	39	39	11	24	24	8	61	6	6	6	3	1										
13	10	0029	40	40	40	12	18	16	8	58	6	8	6	2											
13	13	0002	41	41	41	11	14	16	8	10	6	8	6	0											
13	16	9986	41	41	41	11	17	01	8	45	4	8	6	0											
13	19	9973	41	41	41	12	16	12	8	10	5	8	6	1											
13	22	9958	40	40	40	11	13	02	8	46	4	8	6	0						11	40	849	0018	41	39
14	01	9939	40	40	40	12	04	01	8	45	4	8	6	0											
14	04	9928	40	40	40	15	06	01	8	53	5	8	6	0											
14	07	9931	41	41	41	15	03	02	8	45	5	8	6	0											
14	10	9931	41	41	41	11	02	12	7	41	4	5	6	0	7										
14	13	9923	42	42	42	00	00	01	8	45	4	8	6	0											
14	16	9915	42	42	42	00	00	01	8	45	4	8	6	0											
14	19	9922	44	44	44	04	02	04	8	43	4	5	6	2											
14	22	9925	41	41	41	16	03	02	8	45	4	8	6	0						15	12	342	0005	45	40
15	01	9920	41	41	41	00	00	02	8	45	4	8	6	0											
15	04	9916	46	46	46	03	05	12	8	41	4	8	6	0											
15	07	9922	46	46	46	36	05	40	8	05	4	5	5	3											
15	10	9921	46	45	45	35	11	48	7	02	6	5	6	3	7										
15	13	9914	46	45	44	36	03	80	7	02	2	5	6	2	7										
15	16	9912	43	43	41	00	00	56	7	02	2	7	6	2											
15	19	9918	42	41	41	16	04	01	8	50	4	8	6	1											
15	22	9916	41	41	40	15	02	07	8	10	6	8	6	2						35	27	155	0004	47	40
16	01	9912	41	41	40	14	03	04	8	51	6	8	6	2											
16	04	9906	41	41	41	16	09	00	8	51	5	8	6	1											
16	07	9910	41	40	40	15	04	01	8	51	5	8	6	1											
16	10	9906	41	41	41	16	10	12	8	40	4	8	6	0											
16	13	9896	41	41	41	16	12	12	8	40	4	8	6	1											
16	16	9892	41	40	40	14	10	24	7	02	4	7	6	1											
16	19	9896	40	40	40	13	06	24	8	20	5	8	6	1											
16	22	9894	40	40	40	13	05	02	8	45	4	8	6	0						15	19	183	0001	43	40
17	01	9893	40	40	40	16	03	02	8	53	5	8	6	2											
17	04	9899	41	41	39	28	14	12	8	59	5	8	6	1											
17	07	9926	40	38	36	26	24	64	8	21	6	7	5	4	1										
17	10	9935	41	37	32	27	27	81	8	02	2	3	5	3	7										
17	13	9951	42	39	35	28	19	81	8	01	1	1	5	4	7	8									
17	16	9963	41	39	35	29	20	81	4	02	1	1	5	4	7	8									
17	19	9980	39	38	36	29	12	81	3	02	1	3	5	4											
17	22	9986	40	37	32	29	18	81	6	25	8	6	5	5						27	36	288	0026	43	37
18	01	9993	39	37	35	28	13	81	6	02	1	6	5	5											
18	04	9999	39	37	34	29	03	81	4	01	1	3	6	4	0	8									
18	07	0007	41	40	39	33	05	80	8	05	2	1	6	2	0	7									
18	10	0008	44	42	39	35	03	81	3	01	1	1	6	3	0	8									
18	13	9997	44	42	39	35	15	81	3	02	1	1	6	3	0	2									
18	16	9991	43	41	38	35	17	81	6	03	1	1	6	3	0	2									
18	19	9986	41	40	38	04	08	81	8	02	2	2	6	4	3										
18	22	9976	41	40	39	34	04	80	8	03	2	8	6	3						35	34	628	0002	45	38

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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	01	9959	41	40	39	01	10	48	8	51	5	8	6	2											
19	04	9944	42	41	41	04	09	32	8	05	5	8	6	2											
19	07	9942	42	42	42	34	10	04	8	55	5	8	6	1											
19	10	9936	42	42	42	31	01	16	8	59	6	8	6	1											
19	13	9944	42	42	41	23	14	24	8	56	6	8	5	3											
19	16	9961	44	42	39	18	09	80	8	61	6	2	6	3	2										
19	19	9977	43	41	39	22	04	80	8	02	2	4	6	4	7										
19	22	9987	42	41	41	25	10	40	5	02	2	5	6	4						35	25	289	0019	44	39
20	01	9997	39	39	39	03	01	02	8	47	4	8	6	0											
20	04	0011	39	39	39	31	01	12	8	40	4	8	6	0											
20	07	0031	39	39	39	31	07	24	3	40	4	2	6	0	0	2									
20	10	0039	39	39	39	30	04	02	8	47	4	8	6	0											
20	13	0043	42	42	42	29	03	16	8	41	4	8	6	0											
20	16	0051	42	41	41	29	10	16	8	41	4	8	6	1											
20	19	0057	39	39	39	30	11	03	8	45	4	8	5	0											
20	22	0057	41	40	40	31	09	40	8	05	4	8	6	2						31	23	202	0019	44	38
21	01	0042	41	41	41	34	13	01	8	45	4	8	6	0											
21	04	0036	41	41	41	34	15	01	8	45	4	8	6	0											
21	07	0013	43	43	43	36	22	12	8	10	4	8	6	0											
21	10	9987	45	43	41	35	18	20	7	10	2	2	6	3	7	8									
21	13	9943	44	43	42	35	28	20	8	10	2	8	6	3											
21	16	9903	45	44	44	35	29	16	8	60	2	7	6	3											
21	19	9863	45	44	44	35	32	16	8	61	6	7	6	2	1										
21	22	9857	42	42	42	32	15	01	8	51	6	8	6	2						35	53	367	0002	45	40
22	01	9874	42	42	42	29	15	02	8	45	5	8	6	2											
22	04	9888	40	40	40	31	10	01	8	51	5	8	6	1											
22	07	9891	41	41	41	32	13	32	7	02	5	7	6	2											
22	10	9886	42	42	41	33	14	16	7	03	1	2	5	3	3	8									
22	13	9877	43	42	42	32	09	24	8	02	2	5	5	3	7										
22	16	9871	43	42	41	34	18	24	8	05	2	6	6	3	7										
22	19	9885	41	41	41	33	13	40	7	01	2	5	5	3	1										
22	22	9893	42	42	42	32	15	32	4	01	2	4	6	3						35	27	506	0019	44	40
23	01	9902	42	42	42	32	18	32	8	03	1	8	6	4											
23	04	9926	42	42	42	30	17	16	3	01	8	3	5	4											
23	07	9955	43	42	41	31	13	40	2	02	1	2	5	4											
23	10	9959	43	43	42	31	15	81	3	02	1	1	6	3	0	1									
23	13	9943	43	43	41	34	19	48	8	05	2	1	6	3	7	7									
23	16	9897	43	43	43	33	31	32	8	61	6	6	6	3	7										
23	19	9908	43	42	42	32	22	80	3	05	1	2	6	3	0	8									
23	22	9912	42	42	41	31	26	81	3	05	1	2	6	3	0	8				33	49	444	0001	45	41
24	01	9910	42	42	41	31	22	64	2	05	1	2	6	3											
24	04	9912	42	41	41	31	23	81	5	05	1	0	0	9	7	8									
24	07	9917	42	42	42	31	20	81	8	05	2	5	6	3	7										
24	10	9909	43	42	42	30	15	24	8	05	2	1	6	4	1										
24	13	9892	42	41	41	33	14	32	8	61	6	5	6	3	1										
24	16	9873	41	41	41	34	11	20	8	51	6	6	6	2	1										
24	19	9854	41	41	41	03	04	03	8	51	6	8	6	2											
24	22	9819	43	43	43	32	17	08	8	63	6	8	6	2						31	36	633	0010	43	41
25	01	9800	42	42	42	32	14	08	8	10	6	8	6	2											
25	04	9775	42	42	42	33	16	24	7	10	2	7	6	2											
25	07	9761	41	40	40	31	12	32	8	50	5	8	6	3											
25	10	9795	40	39	39	26	22	64	8	21	6	7	5	3	1										
25	13	9870	40	38	34	26	21	81	6	02	6	4	5	5	3	1									
25	16	9896	41	37	31	26	14	81	2	01	1	2	5	5											
25	19	9922	37	36	36	26	05	81	2	02	1	1	5	5	3										
25	22	9927	39	36	33	28	12	81	2	01	1	2	5	5						27	46	408	0027	43	37
26	01	9926	38	36	31	28	13	81	2	02	0	2	5	5											
26	04	9926	38	37	36	26	16	81	5	02	2	3	5	5	4										
26	07	9928	39	37	36	31	08	81	7	03	2	7	5	5											
26	10	9930	38	38	37	31	10	80	8	26	7	4	5	4	7										
26	13	9921	42	40	37	31	15	81	7	02	2	2	5	4	7										
26	16	9911	42	40	38	31	16	81	5	01	1	0	0	9	7										
26	19	9903	41	41	40	33	22	48	8	60	6	8	6	3											
26	22	9890	40	40	40	30	12	48	8	61	6	8	6	2						31	29	357	0005	43	35
27	01	9866	38	38	38	28	18	80	8	21	6	8	6	4											
27	04	9867	39	38	37	28	23	80	6	05	1	6	5	4											
27	07	9851	39	39	38	28	28	48	8	61	6	8	5	4											
27	10	9868	40	39	38	27	26	64	7	25	8	6	2	4	0	2									
27	13	9912	38	36	33	26	36	32	7	83	8	7	2	4											
27	16	9946	39	36	31	26	26	64	6	85	8	6	2	5											
27	19	9995	38	36	32	27	34	80	8	15	8	8	4	5											
27	22	0031	38	36	32	27	22	80	6	02	2	6	5	5						27	60	543	0018	42	36

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	0057	38	36	33	26	20	80	6	02	2	6	5	5											
28	04	0068	39	37	35	28	16	80	5	03	2	1	5	5	7										
28	07	0067	40	40	40	31	13	48	8	02	2	3	5	3	1										
28	10	0060	42	42	42	31	18	12	8	60	2	8	6	0											
28	13	0047	42	42	42	31	19	12	8	50	6	8	6	1											
28	16	0040	43	43	43	31	25	24	8	05	2	8	6	2											
28	19	0024	43	43	43	32	27	24	8	02	2	8	6	2											
28	22	9997	44	44	44	31	31	32	8	50	5	8	6	3						31	44	653	0001	44	38
29	01	9964	44	44	44	32	32	32	8	61	6	8	6	3											
29	04	9982	43	43	43	30	26	08	8	61	6	8	6	2											
29	07	0041	40	38	35	25	10	80	7	21	6	6	5	5	1										
29	10	0076	40	39	35	27	14	81	8	02	2	5	5	4	7										
29	13	0095	40	38	36	27	09	81	8	02	2	3	5	4	7										
29	16	0107	39	37	35	00	00	81	8	02	2	2	5	5	7										
29	19	0115	37	37	36	00	00	48	8	61	6	8	6	3											
29	22	0105	35	35	35	10	04	24	8	71	7	8	6	1						29	44	661	0008	45	34
30	01	0076	37	37	37	09	08	24	8	61	7	8	6	2											
30	04	0041	39	39	39	13	06	16	8	60	6	8	6	1											
30	07	0001	43	43	43	32	20	20	8	61	6	8	6	1											
30	10	9986	43	43	43	33	24	32	8	61	6	8	6	2											
30	13	9960	43	43	43	32	23	12	8	61	6	8	6	1											
30	16	9933	43	43	43	32	18	02	8	45	6	8	6	1											
30	19	9923	43	43	43	32	17	24	8	61	6	8	6	2											
30	22	9903	42	42	42	33	11	02	8	59	6	8	6	1						34	31	241	0057	43	36
31	01	9869	42	42	42	33	07	00	8	51	6	8	6	0											
31	04	9861	42	42	42	30	17	02	8	51	6	8	6	2											
31	07	9850	42	42	42	32	18	32	8	51	5	8	6	2											
31	10	9838	44	44	44	32	17	24	8	03	1	8	6	2											
31	13	9817	43	43	43	33	22	16	8	52	2	8	6	3											
31	16	9795	43	42	42	32	23	48	8	05	2	8	6	3											
31	19	9783	42	42	41	32	22	24	8	50	2	8	6	3											
31	22	9773	41	41	41	32	20	02	8	47	5	8	6	0						33	30	523	0034	45	41

Results of Surface Observations, Macquarie Island, November, 1955

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	9755	41	41	41	32	22	12	8	58	5	8	6	2											
01	04	9753	40	40	40	31	11	05	8	59	6	8	6	0											
01	07	9766	38	38	38	17	15	32	8	58	6	8	5	4											
01	10	9790	37	37	37	17	18	48	8	51	5	8	5	3											
01	13	9808	36	36	36	16	19	40	8	56	5	8	5	3											
01	16	9818	35	35	35	16	19	24	8	56	7	8	5	3											
01	19	9829	32	32	32	16	21	20	8	77	7	8	6	3											
01	22	9832	31	31	31	16	20	20	8	71	7	8	5	4						31	30	546	0014	41	31
02	01	9830	31	31	31	16	20	16	8	71	7	8	6	3											
02	04	9835	31	29	24	16	20	80	8	77	7	3	5	4	7										
02	07	9852	29	28	26	18	17	16	8	71	7	8	6	3											
02	10	9854	32	29	23	17	13	82	6	26	8	5	8	6	0	2									
02	13	9856	32	28	20	17	07	81	7	02	2	7	8	6											
02	16	9853	31	29	24	25	04	81	7	15	8	7	8	5											
02	19	9856	28	28	27	25	03	81	4	16	8	4	8	5											
02	22	9850	29	26	20	25	05	81	6	85	8	6	8	5						27	26	534	0016	35	26
03	01	9847	28	27	23	27	16	81	3	02	8	3	8	5											
03	04	9842	29	27	23	25	13	81	7	85	8	7	8	5											
03	07	9843	30	27	20	28	12	40	7	15	8	7	8	5											
03	10	9849	33	33	26	25	09	80	5	02	8	4	8	5	4										
03	13	9855	33	30	23	26	06	80	5	26	8	3	8	5	3										
03	16	9874	33	29	23	27	16	81	6	23	3	6	5	5											
03	19	9896	32	30	26	27	11	64	8	70	2	6	6	4	2										
03	22	9900	34	31	25	27	11	80	8	02	2	8	6	4						27	33	280	0007	35	26
04	01	9889	35	33	28	28	12	80	8	02	2	8	5	5											
04	04	9877	35	35	34	33	09	24	8	50	2	8	6	2											
04	07	9838	38	38	38	30	13	24	8	59	6	8	6	3											
04	10	9824	39	39	39	27	12	80	8	05	6	8	6	3											
04	13	9852	41	39	38	27	21	81	4	02	1	3	5	4	7										
04	16	9895	40	38	35	27	19	81	8	03	1	1	5	4	7										
04	19	9928	40	38	36	28	21	81	8	02	2	2	5	4	7										
04	22	9952	40	39	38	29	30	48	7	60	6	7	8	4						29	35	345	0015	42	34
05	01	9967	40	39	38	30	19	80	3	05	6	3	5	4											
05	04	9964	38	38	37	30	10	40	8	61	6	8	6	3											
05	07	9927	39	39	39	04	06	24	8	61	6	8	6	2											
05	10	9880	44	44	44	33	30	24	8	61	6	8	6	3											
05	13	9872	44	44	43	32	26	20	8	61	6	8	6	3											
05	16	9824	45	44	44	33	29	32	8	05	6	3	6	2	7										
05	19	9793	43	43	42	32	33	24	8	58	6	7	6	3	7										
05	22	9802	42	42	42	32	20	16	8	61	6	8	6	1						33	46	492	0045	46	37
06	01	9822	41	41	41	29	31	16	8	51	5	8	6	2											
06	04	9876	39	38	38	28	35	24	8	05	5	8	6	3											
06	07	9937	39	38	37	27	37	48	8	05	2	8	5	4											
06	10	9970	40	39	38	26	32	64	8	02	2	8	5	4											
06	13	0001	42	41	40	28	16	80	7	03	1	1	5	4	3	6									
06	16	9994	41	41	41	33	05	32	8	51	5	8	6	2											
06	19	9972	42	42	42	32	18	07	8	58	6	8	6	3											
06	22	9975	42	42	42	32	20	08	5	10	5	5	6	3						27	57	794	0011	43	38
07	01	9976	42	42	42	32	20	24	8	02	5	8	5	4											
07	04	9976	42	42	42	32	24	16	8	50	2	8	6	2											
07	07	9980	43	43	43	32	21	16	8	02	2	8	6	2											
07	10	9980	42	42	42	32	16	20	8	50	6	8	6	2											
07	13	9976	43	43	43	32	19	02	8	51	6	8	6	1											
07	16	9978	43	43	43	32	21	24	8	51	6	8	6	2											
07	19	9982	42	42	42	34	09	01	8	46	6	8	6	0											
07	22	9972	43	43	43	35	08	02	8	51	5	8	6	2						31	30	540	0007	44	41
08	01	9938	43	43	43	36	03	02	8	45	6	8	6	1											
08	04	9902	44	44	44	36	04	02	8	45	4	8	6	0											
08	07	9877	47	47	47	06	04	10	8	60	4	8	6	2											
09	10	9874	44	44	44	32	12	05	8	61	6	8	6	0											
08	13	9884	45	45	45	32	08	16	8	10	6	8	6	1											
08	16	9898	43	43	43	32	10	16	6	05	4	5	6	1	3										
08	19	9917	43	43	43	34	12	40	3	05	1	3	6	2											
08	22	9919	43	43	43	33	20	48	7	05	2	7	6	3						35	34	372	0018	48	41
09	01	9921	42	42	42	33	10	24	7	05	2	7	6	2											
09	04	9923	42	42	42	34	08	32	8	05	2	4	6	2	7										
09	07	9923	43	43	43	31	02	32	7	05	2	6	6	2	7										
09	10	9921	44	44	44	32	06	01	8	46	2	8	6	0											
09	13	9916	43	43	43	30	02	01	8	45	4	8	6	0											
09	16	9907	45	45	45	36	08	02	8	45	6	8	6	1											
09	19	9914	42	42	42	32	06	01	8	51	6	8	6	0											
09	22	9914	42	42	42	31	06	01	8	45	5	8	6	0						33	27	383	0002	46	41

Results of Surface Observations, Macquarie Island, November, 1955

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	9914	41	41	41	33	09	01	8	51	5	8	6	0											
10	04	9916	42	42	42	30	04	00	8	51	5	8	6	0											
10	07	9925	43	43	43	31	01	24	5	01	4	3	6	2	0	1									
10	10	9926	45	44	44	29	03	80	4	02	1	3	6	2	0	2									
10	13	9929	49	47	46	04	03	40	6	05	2	2	6	2	0	8									
10	16	9936	44	43	43	10	02	32	7	60	2	6	6	2	7										
10	19	9955	42	42	42	14	07	16	7	50	6	5	6	6	1										
10	22	9978	41	41	41	15	07	01	8	51	5	8	6	6	1					33	13	194	0007	50	40
11	01	9993	41	41	41	15	08	01	7	53	5	7	6	2											
11	04	0005	39	39	39	13	11	24	8	02	5	8	6	2											
11	07	0027	40	40	40	14	04	02	8	53	5	8	6	1											
11	10	0027	42	42	42	14	01	04	8	45	4	8	6	0											
11	13	0029	45	44	44	34	03	48	8	05	4	4	5	7											
11	16	0026	43	43	42	34	04	80	8	05	2	1	6	2	7										
11	19	0036	44	43	42	35	04	80	8	05	5	8	6	4											
11	22	0023	44	44	43	34	10	80	8	02	2	8	6	2						35	26	218	0003	46	38
12	01	0006	43	43	43	36	05	01	8	45	4	8	6	0											
12	04	9989	44	44	43	36	08	04	8	43	4	8	6	0											
12	07	9975	44	44	44	36	07	04	8	45	4	8	6	0											
12	10	9957	45	45	44	07	07	40	8	02	2	8	6	0											
12	13	9913	45	44	43	07	10	32	8	02	2	8	6	3											
12	16	9894	47	46	45	01	16	24	7	20	6	7	6	2											
12	19	9910	45	44	43	36	19	32	2	02	1	6	6	0											
12	22	9923	45	44	44	36	18	32	8	50	1	8	5	4	2					35	49	209	0002	48	42
13	01	9924	44	44	44	35	11	01	8	47	2	8	6	0											
13	04	9925	43	43	43	00	00	01	8	45	4	8	6	0											
13	07	9928	42	42	42	35	06	01	8	45	4	8	6	0											
13	10	9925	41	41	41	16	11	02	8	62	5	8	6	1											
13	13	9921	42	42	42	16	12	24	8	61	5	8	6	2											
13	16	9931	41	41	41	17	17	16	8	51	6	8	6	2											
13	19	9957	40	40	40	16	19	04	8	53	5	8	6	2											
13	22	9986	40	40	40	16	09	04	8	53	5	8	6	2						35	30	334	0001	45	39
14	01	9994	40	39	39	22	03	24	8	51	5	8	6	3											
14	04	0003	38	38	38	24	12	16	8	53	5	8	6	2											
14	07	0006	39	38	37	27	05	80	6	02	5	6	5	5											
14	10	0000	41	40	38	32	06	81	2	01	1	0	0	9	0	8									
14	13	9978	44	41	38	36	14	81	5	02	1	0	0	9	7	8									
14	16	9934	44	44	43	02	12	48	7	05	1	1	6	3											
14	19	9887	44	44	44	36	10	24	8	61	6	8	6	2											
14	22	9841	44	44	44	02	12	24	8	58	6	8	6	2						27	47	363	0073	45	37
15	01	9884	40	38	35	26	32	48	7	51	6	7	6	3											
15	04	9916	40	37	33	28	24	81	5	01	5	5	5	4											
15	07	9939	42	40	37	29	20	81	2	01	1	1	5	4	7										
15	10	9942	42	41	40	30	20	80	4	03	0	3	5	6	4										
15	13	9951	44	42	39	29	19	81	4	02	0	4	5	8											
15	16	9952	43	42	41	30	16	81	3	02	0	3	5	1											
15	19	9946	42	42	42	31	17	80	4	02	0	3	5	4	0	9									
15	22	9935	42	42	42	32	12	64	2	01	1	2	5	4						27	55	457	0019	45	38
16	01	9910	42	42	42	33	14	64	2	02	0	2	5	4											
16	04	9886	42	42	42	34	13	16	7	62	1	7	5	3											
16	07	9861	44	44	43	36	16	64	7	02	0	5	6	3	1										
16	10	9840	44	44	44	36	17	32	8	60	2	6	6	3	1										
16	13	9794	44	44	43	36	25	40	8	60	6	6	6	3	1										
16	16	9766	42	42	41	33	18	48	7	02	6	4	6	3	1										
16	19	9752	42	41	39	33	21	64	4	01	1	1	6	4	7	2									
16	22	9748	42	40	37	31	26	80	3	25	1	3	6	2	4	6				31	47	439	0001	46	40
17	01	9749	41	40	37	32	25	80	6	02	8	6	6	2	5	5									
17	04	9743	41	41	40	31	18	56	7	02	2	6	6	2	5	4	7								
17	07	9737	41	40	39	33	16	80	6	02	2	1	5	6	4	4	3	2							
17	10	9730	42	42	41	33	20	81	5	25	8	5	5	8	4	4									
17	13	9730	44	43	40	32	24	81	6	02	1	5	5	5	4	4	0	8							
17	16	9729	43	42	41	33	13	80	8	05	2	2	6	6	3	3	7								
17	19	9720	41	41	41	36	06	24	8	61	6	8	6	6	3	1				33	37	616	0008	45	40
17	22	9709	41	41	41	32	02	16	8	58	6	8	6	6	3	1									
18	01	9696	42	42	42	34	10	24	8	20	5	3	6	5	2	4	7								
18	04	9696	41	41	40	34	06	80	7	21	6	6	5	5	4	4	7								
18	07	9701	42	42	42	32	04	81	3	01	1	2	5	5	4	4	7								
18	10	9711	46	44	42	23	03	80	7	03	2	7	5	5	4	4									
18	13	9730	45	43	40	28	12	81	4	02	1	7	5	3	4	8	4	5							
18	16	9749	43	40	37	26	10	80	6	02	2	6	5	5	4	4									
18	19	9773	38	36	33	25	05	81	3	01	1	2	5	5	4	4	4								
18	22	9781	35	35	34	25	06	48	8	71	6	8	5	5	4	4				27	33	369	0009	47	34

Results of Surface Observations, Macquarie Island, November, 1955

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	9781	37	35	32	28	15	80	3	01	7	3	5	4											
19	04	9784	35	35	34	26	04	40	7	86	8	6	8	4											
19	07	9783	38	37	34	29	11	81	2	68	3	8	4	4											
19	10	9781	40	37	34	29	21	81	3	02	0	3	2	6											
19	13	9783	36	36	36	29	23	16	7	86	8	7	2	5											
19	16	9782	39	37	35	33	20	80	6	27	8	6	2	5											
19	19	9789	37	36	35	31	13	64	4	27	8	4	2	5											
19	22	9797	34	34	34	29	12	40	6	27	8	6	2	4						31	42	351	0015	41	32
20	01	9793	37	36	32	29	17	64	3	02	8	3	2	5											
20	04	9799	38	35	30	30	19	81	5	15	8	5	2	5											
20	07	9812	39	38	37	30	24	24	7	85	8	7	2	5											
20	10	9821	38	38	38	32	19	16	8	80	8	8	8	3											
20	13	9838	41	38	33	29	26	81	3	01	8	2	8	4	0	2									
20	16	9869	40	39	37	29	21	16	8	87	8	8	8	3											
20	19	9901	40	37	31	28	21	81	6	02	8	6	5	5											
20	22	9920	39	37	34	29	16	81	5	02	1	5	5	5						29	49	546	0017	42	33
21	01	9945	38	35	30	27	18	81	7	02	8	7	5	5											
21	04	9982	37	35	31	27	10	81	6	02	1	6	5	6											
21	07	0011	39	37	34	26	10	81	7	03	1	4	5	7											
21	10	0029	40	37	32	27	14	81	7	02	2	2	1	5	7										
21	13	0053	41	38	33	27	13	81	6	26	2	4	2	5	3										
21	16	0068	41	38	33	27	11	81	5	01	2	4	8	5	6										
21	19	0089	37	37	37	25	09	80	7	50	2	6	8	5	4										
21	22	0086	40	37	33	29	10	80	8	02	2	8	5	6						27	31	492	0012	43	35
22	01	0083	37	37	36	27	11	48	8	81	2	8	2	5											
22	04	0068	41	40	39	32	11	80	8	02	2	8	5	6											
22	07	0053	42	42	41	34	12	80	8	60	2	8	6	4											
22	10	0032	42	41	41	35	13	56	8	61	6	3	6	3	1										
22	13	9985	43	43	43	33	17	40	8	61	6	5	6	2	1										
22	16	9954	43	43	43	33	16	40	8	61	6	5	6	2	1										
22	19	9901	44	44	44	35	27	40	8	61	6	6	6	2	1										
22	22	9857	44	44	44	34	17	40	8	61	6	8	6	2						35	49	321	0003	45	36
23	01	9815	44	44	44	33	11	02	8	53	6	8	6	2											
23	04	9798	43	43	43	32	11	01	8	45	6	8	6	0											
23	07	9790	43	43	43	32	11	01	8	45	4	8	6	0											
23	10	9784	44	44	44	32	09	02	8	45	4	8	6	0											
23	13	9784	44	44	44	29	10	16	8	10	4	8	6	0											
23	16	9803	43	43	43	29	10	24	8	51	5	8	6	1											
23	19	9847	39	39	38	20	14	80	7	05	5	7	6	3											
23	22	9875	39	38	37	22	09	80	8	05	2	8	5	4						17	28	483	0029	46	35
24	01	9905	37	35	33	22	11	80	6	56	5	6	5	4											
24	04	9934	36	34	31	25	08	80	8	56	5	8	5	4											
24	07	9956	39	36	32	25	06	81	8	02	5	8	5	5											
24	10	9971	39	37	36	28	10	81	8	02	2	8	5	4											
24	13	9995	41	38	35	26	15	81	7	02	8	7	5	5											
24	16	0000	40	38	34	27	10	81	7	02	2	5	5	5	0	8									
24	19	0010	39	37	39	26	04	81	7	03	1	6	5	5	4										
24	22	0008	38	37	36	29	03	81	4	01	5	2	5	5	3					25	29	310	0006	42	35
25	01	9981	37	36	36	30	10	64	7	52	5	7	6	3											
25	04	9964	38	37	37	34	05	64	7	50	5	7	8	4											
25	07	9935	41	39	38	35	10	81	8	01	5	8	5	5											
25	10	9914	42	40	37	35	11	64	8	02	2	8	5	5											
25	13	9859	43	42	41	04	04	64	8	60	2	3	6	3	1										
25	16	9812	40	40	39	09	08	40	8	61	6	3	6	3	2										
25	19	9776	39	39	38	11	10	40	8	61	6	6	6	3	2										
25	22	9744	40	39	38	15	18	40	8	61	6	6	6	3	2					05	21	284	0003	43	36
26	01	9729	39	39	38	15	18	48	8	21	6	7	6	3	2										
26	04	9741	39	39	39	16	17	24	8	61	6	7	6	4	2										
26	07	9772	37	37	37	17	16	24	8	61	6	7	6	4	2										
26	10	9790	40	37	33	20	08	81	7	02	6	2	5	5	0	8									
26	13	9807	39	37	34	22	04	80	8	15	7	7	8	4	0	8									
26	16	9827	38	36	32	23	10	81	7	02	8	4	8	5	7	8									
26	19	9850	37	34	32	27	14	48	8	85	7	5	8	4	7										
26	22	9865	35	34	34	27	13	80	7	56	5	4	5	5	7					27	30	394	0031	41	34
27	01	9884	33	33	33	27	18	48	7	85	7	7	5	4											
27	04	9902	36	34	30	26	24	81	5	22	7	5	5	4											
27	07	9920	40	37	32	26	23	81	2	01	7	2	5	5											
27	10	9924	41	38	32	28	20	81	5	03	1	3	5	5	3	9									
27	13	9907	42	40	36	30	17	81	7	01	8	5	5	5	4										
27	16	9885	43	41	38	31	20	80	6	02	2	3	5	5	7										
27	19	9842	42	42	41	33	19	80	8	02	6	8	5	3											
27	22	9805	42	42	42	31	13	64	8	63	6	8	5	4						27	46	406	0011	44	33

Results of Surface Observations, Macquarie Island, November, 1955

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	9811	39	39	39	27	30	64	8	60	6	8	5	4											
28	04	9836	37	36	35	27	18	81	4	27	8	3	2	4	4										
28	07	9864	40	38	34	25	24	80	5	01	8	5	2	4											
28	10	9880	41	38	31	27	27	81	4	15	8	4	2	6											
28	13	9894	42	39	34	27	21	81	6	02	2	4	2	5	7										
28	16	9899	42	39	34	28	26	81	7	15	2	2	1	5	7										
28	19	9902	40	40	40	28	20	80	7	15	8	7	8	4											
28	22	9912	49	39	38	27	19	81	4	01	1	4	8	4						27	42	548	0030	43	35
29	01	9923	39	39	38	27	19	40	7	80	8	6	2	4	3										
29	04	9929	40	39	38	27	17	80	3	01	1	2	1	4	3										
29	07	9949	42	41	39	27	19	81	2	02	0	2	1	5											
29	10	9960	44	43	42	29	12	81	4	02	1	2	8	4	7										
29	13	9971	45	43	41	31	06	81	7	03	1	7	5	6											
29	16	9972	44	43	43	32	10	48	8	05	2	4	6	3	7										
29	19	9969	43	43	42	32	10	48	7	05	2	2	6	2	7										
29	22	9964	43	43	43	32	12	48	7	05	2	5	5	6						27	35	536	0002	46	37
30	01	9950	43	43	43	32	13	02	8	51	5	8	6	0											
30	04	9921	43	43	43	34	12	02	8	51	5	8	6	0											
30	07	9897	44	44	44	36	14	02	8	45	4	8	6	0											
30	10	9858	45	45	45	35	18	24	8	58	6	8	6	0	2										
30	13	9780	45	45	45	34	25	12	8	65	6	8	6	0	2										
30	16	9766	45	45	44	31	27	32	8	02	6	8	6	2	2										
30	19	9819	41	40	38	29	29	40	7	87	8	7	8	2	4										
30	22	9846	40	39	37	29	25	56	2	25	8	2	2	5						29	50	385	0002	47	39

Results of Surface Observations, Macquarie Island, December, 1955

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	9863	42	40	37	30	27	64	5	25	8	5	2	5											
01	04	9872	41	40	39	30	23	80	5	25	8	5	2	5											
01	07	9879	44	43	42	31	24	64	3	01	1	3	0	4											
01	10	9877	44	43	41	31	24	81	4	02	1	1	1	5	7										
01	13	9868	45	43	40	32	28	80	6	03	1	2	1	4	0	6									
01	16	9853	45	43	41	32	31	40	7	05	2	2	6	4	7	8									
01	19	9847	44	43	42	32	29	40	8	05	2	7	6	4	1										
01	22	9846	44	44	43	32	29	12	8	61	6	8	6	4						29	51	710	0022	46	38
02	01	9846	43	43	43	31	17	03	8	55	6	8	6	2											
02	04	9842	42	41	41	30	14	48	8	63	6	2	6	3	2										
02	07	9861	42	42	42	32	13	48	7	15	6	5	6	3	7										
02	10	9869	43	43	42	32	08	80	8	05	2	6	5	7											
02	13	9878	43	43	42	29	06	40	8	61	6	5	6	2	2										
02	16	9911	44	43	42	31	11	80	6	05	1	4	6	3											
02	19	9948	42	40	37	29	12	81	4	01	1	4	5	4											
02	22	9963	41	40	39	31	06	81	1	01	1	0	0	9	3					33	40	677	0036	46	40
03	01	9973	41	40	39	29	03	81	3	02	1	0	0	9	7										
03	04	9974	40	40	39	00	00	81	7	02	2	0	0	9	7										
03	07	9971	42	42	41	11	04	81	8	02	2	0	0	9	7										
03	10	9941	42	42	41	13	14	81	8	02	2	2	6	3	7										
03	13	9898	42	42	42	14	18	16	8	58	6	8	6	2											
03	16	9865	41	41	41	17	16	12	8	58	6	8	6	2											
03	19	9906	37	37	37	18	19	10	8	53	5	6	6	2	2										
03	22	9952	37	36	35	23	06	80	7	02	5	7	5	4						17	44	231	0002	43	36
04	01	9973	38	38	35	26	15	80	7	02	5	7	5	4											
04	04	9984	38	36	34	26	14	80	7	02	5	7	5	5											
04	07	0000	39	37	35	29	07	81	7	02	2	7	5	5											
04	10	9992	40	38	34	28	07	80	8	02	2	8	8	5											
04	13	9976	41	38	33	33	02	64	7	60	2	4	5	5	1										
04	16	9963	41	39	36	35	06	80	7	02	2	7	5	5											
04	19	9937	41	38	34	01	02	80	8	02	6	7	5	5	0	8									
04	22	9927	40	37	32	33	02	80	8	02	2	8	5	5						25	29	430	0039	43	36
05	01	9907	40	38	36	33	03	64	7	02	2	7	5	5											
05	04	9908	40	38	37	30	16	40	7	50	2	7	6	4											
05	07	9929	41	38	33	28	11	80	7	15	5	7	8	5											
05	10	9954	43	39	34	27	18	81	5	02	1	4	5	0	8										
05	13	9970	43	40	34	29	12	81	5	02	1	5	5	5											
05	16	9966	42	38	30	31	14	81	7	03	1	2	5	5	7	8									
05	19	9942	42	40	38	34	25	81	7	02	2	6	5	5	0	8									
05	22	9915	42	40	38	34	31	48	8	61	6	8	5	5						33	46	235	0001	44	38
06	01	9855	43	43	43	33	33	24	8	61	6	8	6	3											
06	04	9824	44	44	44	33	32	12	8	61	6	8	6	1											
06	07	9808	44	44	44	31	31	24	6	60	6	4	6	3											
06	10	9810	39	38	35	31	31	12	8	81	6	8	6	4											
06	13	9853	43	40	36	28	26	32	6	02	8	5	5	5	3										
06	16	9878	41	39	35	28	29	80	6	27	8	4	8	5	3	1									
06	19	9913	37	36	36	28	30	32	7	84	8	7	2	5											
06	22	9925	40	37	33	28	23	81	4	01	8	4	5	5						27	60	642	0029	45	36
07	01	9949	38	37	35	26	25	81	5	27	8	5	5	5											
07	04	9970	40	37	33	26	25	81	4	02	1	3	5	5	3										
07	07	0013	40	38	35	26	30	64	8	84	8	8	5	4											
07	10	0030	39	39	38	27	36	80	6	27	8	8	6	2	5										
07	13	0067	41	38	32	27	31	64	7	05	8	7	5	5											
07	16	0098	40	37	31	26	28	64	7	05	2	7	5	6											
07	19	0131	40	37	33	27	19	80	7	02	2	6	5	5	0	1									
07	22	0139	41	39	37	27	15	80	7	02	2	7	5	4						27	56	816	0009	42	35
08	01	0140	41	40	39	29	08	80	8	02	2	8	5	5											
08	04	0134	41	40	40	32	02	64	7	02	6	5	5	5	3										
08	07	0129	43	41	39	02	03	80	7	02	2	7	5	5											
08	10	0130	44	43	41	09	03	81	8	02	2	8	5	5											
08	13	0121	45	44	43	36	07	80	8	02	2	8	6	2											
08	16	0117	44	44	44	27	17	04	8	44	4	8	6	0											
08	19	0131	43	43	43	27	15	16	7	40	4	7	6	1											
08	22	0144	40	40	40	27	14	12	8	51	5	8	6	1						27	33	475	0002	46	39
09	01	0159	39	39	39	25	16	12	6	51	5	6	6	1											
09	04	0174	40	40	40	23	07	24	6	10	5	4	6	1	0	2									
09	07	0195	38	38	38	16	02	16	8	51	5	8	6	1											
09	10	0185	40	40	40	13	01	64	8	02	5	8	6	2											
09	13	0167	40	40	40	35	02	08	8	50	2	8	6	0											
09	16	0143	41	41	41	35	09	32	8	63	6	8	6	2											
09	19	0104	43	43	43	35	20	24	8	61	6	8	6	1											
09	22	0083	43	43	43	34	11	02	8	47	4	8	6	0						35	33	312	0002	45	37

Results of Surface Observations, Macquarie Island, December, 1955

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	0068	43	43	43	29	15	02	8	51	5	8	6	0											
10	04	0078	43	43	43	25	14	20	7	40	4	8	5	3											
10	07	0102	47	47	47	18	03	81	5	04	7	5	5	4											
10	10	0114	46	46	45	00	00	80	8	03	2	8	5	4											
10	13	0106	44	44	42	31	10	81	7	02	2	7	5	1											
10	16	0078	43	43	43	33	10	48	8	60	2	8	5	2											
10	19	0044	43	43	43	34	17	32	8	60	2	8	6	3						31	34	277	0023	51	41
10	22	9998	45	45	44	32	27	40	8	02	2	8	6	3											
11	01	9970	46	45	45	31	20	40	8	02	2	8	6	3											
11	04	9954	47	47	46	31	30	32	8	61	2	8	6	2											
11	07	9987	43	41	37	27	27	56	7	05	6	6	5	5	7										
11	10	9999	45	42	38	27	16	81	5	01	1	4	5	7	7										
11	13	0020	44	41	37	28	26	80	8	05	2	7	5	5	7										
11	16	0020	43	40	36	28	28	80	8	05	2	8	5	5											
11	19	0037	40	39	36	27	29	80	8	05	2	8	5	4											
11	22	0047	40	37	32	27	26	80	7	02	2	3	5	4	7					28	44	457	0009	48	38
12	01	0050	39	37	33	27	24	81	6	02	1	6	5	4											
12	04	0057	39	37	33	27	26	81	7	03	1	7	5	4											
12	07	0065	43	40	36	27	26	81	3	01	1	2	5	4	7										
12	10	0062	44	42	39	28	26	80	7	80	1	7	5	5											
12	13	0069	43	41	38	27	31	80	7	25	8	7	5	5	1										
12	16	0089	42	40	37	27	29	80	4	05	1	4	5	5											
12	19	0114	41	39	36	27	26	80	5	02	2	5	5	5						27	46	640	0001	45	38
12	22	0132	40	38	35	29	10	81	4	02	1	4	5	5											
13	01	0137	39	37	34	27	15	81	2	01	1	1	5	5	3										
13	04	0146	39	37	34	27	14	81	3	02	1	2	5	5	3										
13	07	0150	42	40	37	28	14	82	4	02	1	3	5	5	0	1									
13	10	0143	44	43	42	28	17	81	7	00	2	7	5	5											
13	13	0133	45	43	41	30	17	81	8	02	2	8	5	5											
13	16	0132	44	43	43	30	23	80	8	02	2	7	5	5											
13	19	0126	43	43	42	30	18	81	8	02	2	8	5	5						27	31	499	0003	46	38
13	22	0126	43	43	43	30	19	81	8	02	2	8	5	5											
14	01	0120	42	42	42	30	18	48	8	51	2	8	6	2											
14	04	0111	42	42	42	30	16	40	8	11	4	8	5	5											
14	07	0104	43	43	43	31	13	81	8	02	5	8	5	5											
14	10	0091	44	44	43	31	16	81	8	02	2	8	5	5											
14	13	0055	44	44	43	31	24	24	8	61	2	8	6	2											
14	16	0038	43	43	42	30	26	64	8	02	2	8	5	5											
14	19	0047	41	40	39	27	25	80	8	50	2	8	6	4						28	38	423	0001	45	40
14	22	0057	40	38	34	27	19	80	8	02	2	8	6	4											
15	01	0061	39	38	36	28	18	80	6	03	1	6	6	4											
15	04	0067	40	38	34	27	21	80	4	03	1	1	5	5	3										
15	07	0073	41	39	34	27	18	80	8	02	1	2	5	5	1										
15	10	0077	43	40	35	28	12	81	8	02	2	3	5	5	7										
15	13	0077	44	41	36	28	13	81	7	02	2	6	5	5	0	1									
15	16	0072	43	41	37	28	14	81	7	03	2	7	5	5											
15	19	0091	41	39	35	27	17	81	1	25	1	1	5	5						27	36	540	0002	46	39
15	22	0104	40	38	34	27	08	82	0	01	1	0													
16	01	0107	41	39	38	30	08	82	2	03	0	1	8	5	4										
16	04	0108	42	41	41	31	17	82	8	03	1	2	8	5	4	4									
16	07	0114	43	42	40	31	14	82	8	02	2	5	8	5	4										
16	10	0113	43	43	42	32	09	80	8	20	2	2	8	5	4										
16	13	0104	45	43	42	36	13	81	8	02	2	6	5	6	3	1									
16	16	0082	47	45	44	36	18	82	7	02	2	8	5	6	7	3									
16	19	0063	45	44	43	01	22	81	8	02	2	2	5	5	6					36	42	308	0001	48	40
16	22	0034	45	44	43	01	24	81	8	02	2	2	5	5	7										
17	01	9979	45	45	45	01	30	64	8	63	6	8	0	2	2										
17	04	9937	45	45	45	36	21	08	8	63	6	8	0	2	2										
17	07	9917	45	45	45	34	25	06	8	21	6	8	6	2	3										
17	10	9917	46	45	45	32	28	64	8	05	2	7	5	5	3										
17	13	9919	47	46	44	32	27	81	7	01	2	4	5	5	3										
17	16	9932	45	44	44	32	21	81	5	02	2	5	5	4	3										
17	19	9945	43	42	42	32	17	81	7	01	2	1	5	5	3					36	49	511	0002	48	40
17	22	9940	43	43	43	34	13	16	6	05	1	4	5	5											
18	01	9926	44	44	44	32	02	08	8	20	6	8	6	2	3										
18	04	9951	41	39	35	24	18	82	7	01	2	6	5	5											
18	07	9997	42	39	33	27	26	82	5	02	1	4	5	5	3										
18	10	0023	45	42	38	28	18	82	4	02	1	6	5	5											
18	13	0038	45	43	41	29	24	82	6	25	1	1	5	5	3										
18	16	0050	45	43	41	29	26	82	6	02	1	8	5	5	7										
18	19	0051	44	44	44	31	23	08	8	10	2	8	6	2						28	40	457	0004	47	40
18	22	0062	44	44	44	31	23	08	8	10	2	8	6	2											

Results of Surface Observations, Macquarie Island December, 1955

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	0078	44	44	44	30	22	08	8	10	2	8	6	2											
19	04	0097	44	44	44	29	18	10	8	10	2	8	6	2											
19	07	0116	44	44	44	29	17	08	8	10	2	8	6	2											
19	10	0129	47	46	45	30	15	64	7	05	2	7	6	2											
19	13	0141	45	44	43	28	09	06	8	10	2	8	6	2											
19	16	0149	45	44	43	31	17	80	7	10	1	7	6	3											
19	19	0166	44	44	43	32	12	81	8	02	2	8	6	2											
19	22	0178	44	44	43	32	09	81	8	02	2	8	5	5						30	31	457	0000	48	43
20	01	0179	44	44	43	32	08	81	8	02	2	8	5	6											
20	04	0183	44	44	43	30	06	81	7	02	2	7	6	2											
20	07	0192	44	44	44	32	15	12	8	05	2	8	6	2											
20	10	0193	46	45	44	35	10	40	8	05	2	8	5	5											
20	13	0190	47	45	44	34	14	82	7	01	2	3	5	5	3	5									
20	16	0183	47	46	44	34	12	82	7	03	2	6	5	6	0	1									
20	19	0187	45	44	44	34	11	81	8	03	2	8	5	5											
20	22	0186	46	45	44	36	18	81	8	02	2	8	5	5						35	25	312	0000	48	43
21	01	0171	45	44	44	35	13	81	8	02	2	8	5	4											
21	04	0161	44	44	44	34	13	16	8	05	2	8	5	4											
21	07	0151	45	45	45	35	14	04	8	45	4	8	6	0											
21	10	0139	45	45	45	35	13	04	8	43	4	8	6	0											
21	13	0123	46	46	46	34	13	04	8	45	4	8	6	0											
21	16	0111	47	46	45	33	15	81	7	02	2	6	5	5	7										
21	19	0111	46	46	46	32	15	12	8	10	2	8	6	2											
21	22	0113	45	45	45	32	13	01	8	47	4	8	6	0						34	26	334	0000	47	44
22	01	0113	45	45	45	31	12	01	8	45	4	8	6	0											
22	04	0112	45	45	45	30	10	01	8	45	4	8	6	0											
22	07	0111	45	45	45	29	08	12	8	61	6	8	0	2	2										
22	10	0107	46	46	46	29	11	24	8	61	6	8	0	2	2										
22	13	0113	45	45	45	34	05	48	8	60	6	8	5	5	1										
22	16	0118	47	46	46	22	06	48	8	61	6	8	0	5	2										
22	19	0135	44	44	43	28	05	81	7	01	1	2	6	2	7	5									
22	22	0144	44	44	44	26	17	40	8	51	2	8	5	2						27	25	281	0026	48	41
23	01	0166	41	39	38	27	05	81	2	01	0	2	5	5											
23	04	0182	40	39	38	28	15	81	4	02	0	4	5	5	0	1									
23	07	0196	45	44	43	28	17	81	1	02	0	1	6	4	0	1									
23	10	0198	46	45	43	30	17	81	6	02	2	6	5	4											
23	13	0191	45	44	43	30	18	82	7	02	2	7	5	5											
23	16	0180	45	44	43	30	21	81	7	02	2	7	5	5											
23	19	0163	44	43	43	30	24	81	8	02	2	8	5	5											
23	22	0142	45	44	43	29	27	81	8	02	2	8	5	5						27	42	247	0030	47	39
24	01	0139	43	41	39	27	32	81	8	02	2	8	5	5											
24	04	0154	42	40	37	27	22	81	7	01	2	7	5	5											
24	07	0188	42	40	38	20	12	81	7	02	2	7	5	5											
24	10	0197	43	41	37	24	14	82	8	02	2	8	5	5											
24	13	0202	43	41	37	26	20	82	7	02	2	7	5	5											
24	16	0199	41	40	39	26	23	64	8	20	2	8	5	5											
24	19	0207	41	38	33	25	14	81	7	01	2	7	5	5											
24	22	0207	40	37	32	25	15	81	8	02	2	8	5	5						27	50	525	0000	45	40
25	01	0199	40	37	33	27	25	81	8	02	2	8	5	5											
25	04	0201	40	38	34	27	23	82	8	02	2	8	5	4											
25	07	0205	40	38	36	27	15	82	8	02	2	8	5	4											
25	10	0206	43	41	38	27	22	81	6	02	2	3	5	5	3										
25	13	0204	44	41	38	26	27	82	5	01	1	5	5	5											
25	16	0206	43	41	38	27	25	82	4	02	1	3	5	5	4										
25	19	0209	42	41	40	27	18	82	8	03	1	5	5	6	7										
25	22	0211	42	41	41	27	21	82	8	02	2	8	5	5						27	40	420	0000	45	39
26	01	0217	42	41	40	19	08	81	7	02	2	7	5	5											
26	04	0232	40	39	37	16	19	82	8	02	2	7	5	5	1										
26	07	0253	39	37	34	15	22	82	1	01	0	1	5	5											
26	10	0265	39	36	32	14	22	82	3	02	0	3	5	5											
26	13	0280	40	37	32	13	20	82	1	01	0	1	5	5											
26	16	0286	41	38	33	11	18	82	4	03	1	4	5	5											
26	19	0301	39	36	32	11	14	82	1	01	1	1	5	5	3										
26	22	0311	39	36	31	09	08	82	1	02	0	1	5	5	3					14	29	459	0000	42	38
27	01	0299	38	35	31	06	05	82	2	02	0	0	0	9	3										
27	04	0296	38	36	32	08	04	82	6	02	1	0	0	9	3										
27	07	0289	41	38	32	34	09	82	6	02	2	0	0	9	3										
27	10	0282	43	40	34	35	13	82	6	02	2	0	0	9	5	6									
27	13	0265	44	41	37	35	13	82	8	03	2	3	5	8	7	7									
27	16	0245	45	42	39	34	17	82	8	02	2	5	5	6	7										
27	19	0231	44	42	40	33	18	82	8	02	2	5	5	6	7										
27	22	0219	45	43	41	32	21	82	7	02	2	3	5	6	7					34	29	310	0000	46	37

Results of Surface Observations, Macquarie Island, December, 1955

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	0205	45	43	41	31	21	82	8	02	2	5	5	5	7									
28	04	0193	45	44	42	31	22	81	8	02	2	8	5	5										
28	07	0187	45	44	41	31	22	81	8	02	2	8	5	5										
28	10	0184	46	45	43	32	23	81	8	02	2	8	5	5										
28	13	0173	47	45	44	33	21	81	8	02	2	7	5	5	1									
28	16	0160	46	45	44	33	19	81	8	02	2	8	5	5										
28	19	0153	46	45	44	34	18	81	8	02	2	8	5	5										
28	22	0146	45	45	44	34	15	80	8	02	2	8	5	5						31	30	519	0000	47	45
29	01	0128	46	45	45	34	17	80	8	02	2	8	5	5											
29	04	0114	45	44	44	34	08	80	8	05	2	8	5	4											
29	07	0102	47	47	47	02	06	04	8	45	4	8	6	0											
29	10	0090	46	46	46	31	08	02	8	45	4	8	6	0											
29	13	0074	46	46	46	31	04	02	8	61	6	8	6	0											
29	16	0059	47	47	47	29	05	02	8	60	4	8	6	0											
29	19	0035	47	47	47	04	04	16	8	63	6	8	6	2											
29	22	0013	49	49	49	36	26	02	8	61	6	8	6	0						36	39	369	0000	50	44
30	01	9975	49	49	49	36	22	02	8	45	4	8	6	0											
30	04	9953	48	48	48	33	17	05	8	45	4	8	6	0											
30	07	9945	47	47	47	33	23	05	8	45	4	8	6	0											
30	10	9970	46	46	46	30	30	16	8	10	4	8	6	2											
30	13	0032	46	45	43	27	30	56	8	05	2	8	6	3											
30	16	0067	44	43	41	27	20	32	8	10	2	8	6	4											
30	19	0100	42	41	39	27	10	81	8	02	2	8	5	4											
30	22	0130	42	39	35	27	10	82	7	01	2	7	5	5						27	39	392	0028	50	41
31	01	0143	41	38	33	20	03	82	4	01	1	1	5	5	3	1									
31	04	0154	39	38	36	00	00	82	4	02	1	1	5	5	3	1									
31	07	0168	42	40	37	13	09	82	7	03	1	2	5	7	5										
31	10	0174	44	42	38	12	07	82	5	02	0	5	0	3	1										
31	13	0170	45	42	38	13	10	82	1	02	0	0	0	9	1										
31	16	0171	44	42	39	12	18	82	4	03	1	0	0	9	5	1									
31	19	0172	43	41	38	13	25	82	7	03	1	1	5	4	5	1									
31	22	0167	42	41	40	12	26	81	7	02	2	1	5	4	5					12	31	317	0000	46	39

Results of Surface Observations.
Mawson January, 1955

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	9802	34	29	17	13	24	83	7	02	2	3	5	6	3	0	2	2							
01	08	9803	30	27	18	11	20	83	4	01	2	1	5	6	3	0	2	2							
01	11	9801	35	30	21	09	15	83	3	01	1	1	5	6	3	0	2	2							
01	17	9795	37	32	22	05	07	83	4	02	1	2	8	5	3	1	2	2							
01	23	9808	36	33	29	10	16	83	8	15	2	8	5	7			2			13	35			39	30
02	05	9818	31	28	19	12	18	83	6	01	2	2	5	7	3	1	2	2	2						
02	08	9815	33	29	19	12	15	83	3	01	1	0	0	9	3	1		2	2						
02	11	9810	38	32	22	08	08	83	2	02	1	0	0	9	3	1		2	2						
02	17	9799	38	32	23	21	01	83	6	03	1	3	8	6	3	1	2	2							
02	23	9802	33	29	23	13	10	83	2	01	2	0	0	9	3	1		2		10	28			40	30
03	05	9815	28	24	14	13	18	83	1	01	1	1	5	8	3	0	3								
03	08	9815	31	27	17	13	16	83	1	02	1	1	5	8	3	0	3								
03	11	9814	37	31	22	12	08	83	2	03	1	1	5	8	3	0	3	3							
03	17	9820	37	33	27	09	01	83	7	03	1	3	5	8	3		3								
03	23	9834	35	31	25	12	09	83	8	14	2	4	5	8	7		2			13	25			40	28
04	05	9847	33	29	20	12	09	82	8	14	2	5	5	7	7		2								
04	08	9849	35	30	23	10	11	82	8	02	2	5	5	7	7		2								
04	11	9850	36	31	23	09	05	82	8	14	2	3	5	8	7		2								
04	17	9847	36	32	25	18	01	83	8	14	2	4	8	5	7		2			10	20			38	33
04	23	9851	36	31	24	09	06	83	7	02	2	3	4	7	7		2								
05	05	9853	32	28	17	12	19	83	7	02	2	5	5	7	7		2								
05	08	9855	33	28	18	12	19	83	7	02	2	4	5	7	7		2								
05	11	9862	35	30	20	04	02	83	7	02	2	5	5	7	7		2								
05	17	9872	37	34	30	00	00	83	8	02	2	6	5	7	7		2								
05	23	9879	34	31	27	14	01	83	8	15	2	5	5	8	2		3			11	30			38	31
06	05	9880	32	29	22	13	13	82	8	14	2	3	6	5	2		2								
06	08	9880	34	30	23	12	05	82	8	14	2	5	6	5	2		2								
06	11	9875	38	32	22	10	21	83	7	02	2	3	5	7	7		2								
06	17	9874	38	33	25	10	15	82	8	14	2	4	5	7	2	7	2								
06	23	9877	34	30	22	12	19	83	8	02	2	3	5	7	2	7	2	3		10	33			39	32
07	05	9877	33	28	20	11	23	83	7	02	2	3	5	7	7	1	2	3							
07	08	9879	34	29	20	13	21	83	7	02	2	3	5	7	7	1	2	3							
07	11	9879	37	31	20	12	15	83	8	02	2	4	5	7	7		2	3							
07	17	9867	39	33	23	12	13	83	4	01	2	3	5	7	3	1	2	3							
07	23	9871	33	29	20	13	13	83	6	02	2	5	5	8	0	1	3			11	37			39	32
08	05	9886	29	25	15	13	21	83	3	01	2	1	5	7	3	0	3	2							
08	08	9893	32	28	17	13	16	83	2	01	1	1	5	7	3	0	2	2							
08	11	9907	36	31	19	09	06	83	2	02	1	1	5	7	3	0	2	2							
08	17	9923	36	32	24	00	00	83	1	01	1	0	0	9	3	0									
08	23	9949	33	29	23	13	13	83	1	02	1	1	5	7	0	1	2			12	30			39	28
09	05	9970	28	25	15	13	19	83	2	02	1	0	0	9	3	1		3							
09	08	9969	31	27	18	13	15	83	3	02	1	0	0	9	3	1		3							
09	11	9976	37	32	23	08	04	83	3	02	1	0	0	9	3	1		3	4						
09	17	9984	37	33	27	05	02	83	2	02	1	1	8	7	3	0	2								
09	23	9985	35	31	24	00	00	83	2	02	1	0	0	9	3	0		3		13	30			39	28
10	05	9985	32	28	17	13	19	83	2	02	1	0	0	9	3	0		4							
10	08	9980	36	30	19	13	12	83	2	02	1	0	0	9	3	0		4							
10	11	9966	38	31	22	12	14	83	1	01	1	0	0	9	3	0		4							
10	17	9947	39	34	25	00	00	83	2	02	1	1	5	8	3	0	2	4							
10	23	9916	31	28	22	00	00	83	2	02	1	1	5	8	3	0				13	31			41	30
11	05	9898	28	25	16	14	18	83	5	03	1	2	5	8	3	0	6	6							
11	08	9881	33	27	14	13	14	83	3	01	2	1	5	8	3	0	6								
11	11	9876	35	30	20	00	00	83	1	01	1	0	0	9	3	0		7							
11	17	9861	34	31	25	24	01	83	2	02	0	0	0	9	0	0			5						
11	23	9853	29	28	25	00	00	83	5	03	1	1	6	2	0	5				15	28			37	27
12	05	9856	23	23	22	00	00	00	1	42	4	0	0	9	3	1									
12	08	9858	28	25	19	00	00	83	1	02	4	0	0	9	3	1									
12	11	9859	31	27	19	00	00	83	5	03	1	0	0	9	5	0		7							
12	17	9861	33	30	23	32	03	83	4	02	1	0	0	9	3	0		7							
12	23	9861	29	27	23	08	07	83	3	02	1	0	0	9	3	0		6		15	12			36	22
13	05	9860	29	26	17	13	14	83	7	03	1	2	5	8	3		6	6							
13	08	9865	30	26	16	13	13	83	7	02	2	3	5	8	3		5	5							
13	11	9869	34	28	15	13	10	83	4	01	2	1	5	8	3	5	5	5	5						
13	17	9864	35	30	20	07	03	83	4	02	1	1	5	7	0	5	6		5						
13	23	9846	31	26	15	13	11	83	7	03	1	5	5	7	3	1	5	7	6	13	21			37	27
14	05	9812	25	22	10	13	20	83	7	02	2	3	5	7	7	5	4	7	6						
14	08	9797	26	22	10	13	21	83	7	02	2	1	5	7	7	5	4	7	6						
14	11	9785	33	28	18	09	08	83	7	14	1	3	6	6	7	1	2	7	6						
14	17	9772	33	27	14	07	07	82	8	02	2	4	5	7	7		4	7							
14	23	9776	30	26	17	11	13	82	8	02	2	5	6	5	3					13	30			34	25

Results of Surface Observations,
Mawson January, 1955

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
15	05	9783	26	23	14	13	20	82	8	14	2	5	6	5	7		3								
15	08	9789	28	25	15	12	22	82	8	14	2	6	6	5	7		3								
15	11	9793	31	27	18	11	20	82	8	14	2	6	5	7	7		3								
15	17	9802	33	29	18	10	19	82	8	14	2	7	5	7	3		3								
15	23	9817	30	26	17	11	20	83	8	02	2	5	5	7	7		2			12	37			34	25
16	05	9834	29	26	16	13	22	83	8	02	2	8	5	7			2								
16	08	9836	31	26	17	13	24	83	8	02	2	8	5	7			2								
16	11	9832	33	28	17	12	26	83	8	02	2	5	5	7	7		2								
16	17	9845	34	30	22	10	18	83	8	02	2	5	5	7	7		2								
16	23	9856	32	28	18	10	14	83	8	14	2	4	5	7	7		2			12	44			35	28
17	05	9862	28	24	12	12	17	83	7	02	2	6	5	7	7		2								
17	08	9864	30	26	14	13	16	83	3	01	2	1	5	7	3	0	2	1							
17	11	9866	34	30	22	09	14	83	7	03	1	5	5	7	3		2	1							
17	17	9869	36	32	24	08	11	83	5	15	2	3	8	7	3	1	2								
17	23	9875	34	30	24	11	22	82	8	02	7	6	5	6	2		2			11	35			36	28
18	05	9873	34	30	22	11	26	82	8	02	2	5	5	6	2		2								
18	08	9874	35	30	22	11	29	82	8	14	2	6	5	6	2		2								
18	11	9877	37	32	23	11	30	82	8	02	2	3	6	5	1		2								
18	17	9878	38	32	23	11	29	82	8	14	2	5	6	5	1		2								
18	23	9872	34	29	18	12	22	83	8	14	2	5	5	7	1		2	5		10	50			39	33
19	05	9852	31	25	12	15	28	83	7	01	2	0	0	9	1	7		5	5						
19	08	9842	31	26	12	15	31	83	6	01	2	0	0	9	1	8		5	5						
19	11	9825	35	29	15	15	28	83	3	01	2	0	0	9	0	8			5						
19	17	9805	39	32	17	12	15	83	4	03	1	0	0	9	0	5									
19	23	9820	32	26	12	11	11	83	6	03	1	0	0	9	0	6				14	47			41	30
20	05	9831	26	22	08	12	20	83	5	02	1	1	5	7	0	8	3								
20	08	9841	28	24	10	12	15	83	5	02	1	2	5	7	0	8	3		5						
20	11	9850	33	27	12	09	10	83	3	01	1	1	5	7	0	8	3		5						
20	17	9855	34	29	16	07	09	83	3	02	1	1	5	7	3	1	3	3	5						
20	23	9868	27	23	11	12	15	83	3	02	1	0	0	9	3	5				13	36			13	26
21	05	9870	23	19	06	14	16	83	8	02	2	0	0	9	0	7									
21	08	9868	26	21	07	13	18	83	8	02	2	0	0	9	0	7									
21	11	9862	30	25	14	12	17	83	8	02	2	0	0	9	0	7									
21	17	9864	33	27	12	09	07	83	8	02	2	0	0	9	0	7									
21	23	9874	26	22	09	13	13	83	8	02	2	0	0	9	0	7			7	13	32			34	22
22	05	9883	20	17	01	15	21	83	5	01	2	0	0	9	0	2			7						
22	08	9882	24	20	06	14	14	83	4	02	1	0	0	9	0	2			7						
22	11	9878	29	24	12	13	10	83	4	02	1	0	0	9	0	2			7						
22	17	9863	31	27	18	07	05	83	0	01	1	0	0	9	0	0									
22	23	9830	26	23	10	11	23	83	4	03	0	3	8	6	0	1	2			15	33			32	19
23	05	9780	23	19	09	13	32	82	8	14	2	8	5	5			2								
23	08	9754	25	22	11	13	34	82	8	14	2	6	5	5	1	1	2								
23	11	9731	30	26	16	13	34	82	7	14	2	0	5	7	7	2									
23	17	9710	30	26	14	14	36	82	7	14	2	3	5	7	7	2	2								
23	23	9715	31	26	14	14	33	82	7	14	2	5	5	6	7		2			14	65			32	22
24	05	9751	31	25	14	15	30	82	7	14	2	5	5	6	7		3								
24	08	9767	32	27	15	15	28	82	8	14	2	7	5	6	7		3								
24	11	9776	33	28	17	14	25	82	8	02	2	6	5	6	7		3								
24	17	9808	34	29	19	13	14	82	8	02	2	8	5	7			2								
24	23	9827	32	27	15	13	04	83	6	01	2	6	5	7	0	0	3			14	61			35	30
25	05	9831	29	26	17	14	12	83	7	02	2	7	5	7			4								
25	08	9830	31	27	18	14	12	83	7	02	2	7	5	7			5								
25	11	9839	35	30	19	22	01	83	4	01	2	2	5	8	3	0	5	6							
25	17	9859	36	30	18	20	01	83	3	02	1	0	0	9	3	0		5							
25	23	9885	30	26	16	13	16	83	0	01	1	0	0	9	0	0				13	28			39	29
26	05	9910	25	22	11	13	20	83	2	03	0	0	0	9	7	0									
26	08	9912	32	28	22	12	13	83	7	03	1	5	5	7	7		2								
26	11	9909	35	31	25	11	14	83	8	02	2	6	6	8	7		2								
26	17	9886	34	32	29	09	21	82	8	15	7	6	8	8	0	7	2								
26	23	9855	31	29	27	10	22	40	8	77	7	8	0	4	2		2			10	36			36	25
27	05	9808	29	28	24	11	31	24	8	77	7	8	9	0	4	2		2							
27	08	9798	28	28	28	12	33	00	8	77	7	9	6	0	0			2							
27	11	9769	29	28	25	12	32	16	8	36	7	9	5	5	6	1		2							
27	17	9776	33	29	19	12	25	82	8	15	3	5	5	6	5	1		2							
27	23	9771	30	25	15	11	16	83	6	01	2	4	5	7	7	0	2			10	48			35	27

Results of Surface Observations,
Mawson January, 1955

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	05	9769	27	22	10	13	16	83	7	03	1	5	5	7	7		2	4							
28	08	9765	28	23	10	13	17	83	8	02	2	6	5	7	7		3	4							
28	11	9763	30	25	12	13	18	83	4	01	2	1	5	7	7	2	3	4	3						
28	17	9768	31	27	19	08	08	83	3	03	1	4	5	7	7		2								
28	23	9769	28	25	17	11	16	83	6	01	2	4	5	7	7		2			12	33			33	27
29	05	9776	28	23	11	13	15	83	6	02	1	5	5	7	7	0	2								
29	08	9780	26	22	10	13	20	83	8	02	2	6	5	7	7		2								
29	11	9788	30	26	16	12	11	83	7	01	2	6	5	8	7		3								
29	17	9814	32	27	16	05	01	83	8	02	2	6	5	8	7		3								
29	23	9834	29	26	17	00	00	83	8	02	2	8	5	7			2			12	31			33	26
30	05	9854	26	23	10	14	15	83	8	02	2	8	5	7			2								
30	08	9857	27	23	11	14	09	83	8	02	2	8	5	7			7								
30	11	9861	28	24	14	12	10	83	8	02	2	8	5	7											
30	17	9863	31	27	17	08	01	83	8	02	2	8	8	8											
30	23	9860	26	22	10	14	14	83	7	02	2	7	5	8			6			14	28			34	25
31	05	9868	22	18	04	14	20	83	3	01	2	2	5	8	3	0	4								
31	08	9860	23	19	06	13	23	83	2	02	1	2	5	8	0	0	3								
31	11	9862	27	23	10	10	14	83	1	02	1	1	5	8	0	0	3								
31	17	9868	29	25	14	09	10	83	2	03	1	2	8	7	0	0									
31	23	9878	27	24	14	11	09	83	8	14	2	8	5	6			2			14	37			30	21

Results of Surface Observations, Mawson February, 1955

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	05	9882	28	24	14	16	05	83	5	01	2	5	5	7	0	0	3								
01	08	9888	27	23	12	13	15	83	8	03	1	6	5	8	7		2								
01	11	9891	29	25	15	12	13	83	7	02	2	3	5	8	7		2								
01	17	9906	31	27	18	06	03	82	7	02	2	1	8	6	3		2								
01	23	9917	25	22	14	14	10	82	4	01	2	2	5	6	3	0	2			13	22			32	25
02	05	9924	20	17	05	14	15	82	7	03	1	7	5	6			1								
02	08	9920	21	18	07	14	18	82	7	02	2	5	5	6	7		2								
02	11	9919	25	21	10	13	14	83	8	02	2	5	5	7	7										
02	17	9896	28	25	18	09	13	82	8	02	2	5	5	8	7		2								
02	23	9867	24	22	16	10	20	80	8	15	7	8	0	5	2		2			12	38			29	19
03	05	9820	18	18	15	13	40	00		36	7														
03	08	9803	20	19	15	13	42	40	8	36	3	3	5	7	2		2								
03	11	9810	22	21	16	13	39	40	8	36	3	5	5	8	7		2								
03	17	9805	26	23	12	13	42	81	8	02	3	5	5	8	2										
03	23	9813	28	23	11	13	40	81	8	15	2	5	5	8	2		2			14	67			28	18
04	05	9832	27	23	09	14	31	82	6	15	1	6	5	7	0	0	2								
04	08	9854	26	23	11	15	26	82	8	15	2	7	5	7	3		2								
04	11	9859	29	25	14	14	12	83	8	14	2	7	5	7	3		2								
04	17	9871	31	26	15	12	10	83	7	02	2	6	5	7	3	1	6								
04	23	9880	25	22	11	13	15	83	4	01	2	1	5	7	3	0	4	4		14	55			31	25
05	05	9889	23	20	06	13	18	83	6	08	1	0	0	9	3	0		5							
05	08	9892	23	19	16	13	21	83	7	02	2	0	0	9	3	0		5							
05	11	9895	27	23	14	13	17	83	6	01	2	0	0	9	3	0		5							
05	17	9912	30	25	11	07	06	84	3	01	1	1	5	6	3	0	3								
05	23	9917	27	23	04	07	12	83	7	03	1	7	5	7			3			13	34			31	22
06	05	9910	23	19	07	14	19	83	5	01	2	4	5	7	3	0	3	4							
06	08	9912	23	19	05	15	20	84	2	01	1	1	5	8	3	0	4	4							
06	11	9918	25	21	06	13	23	84	1	02	1	0	0	9	3	0		4							
06	17	9927	27	23	06	10	11	83	1	02	1	0	0	9	3	0		4							
06	23	9930	21	17	04	14	14	83	1	02	1	1	5	8	0	0	4			14	34			29	21
07	05	9922	15	13	-03	15	25	83	1	02	0	0	0	9	0	5			5						
07	08	9913	20	17	03	14	17	83	1	02	1	0	0	9	0	5			5						
07	11	9910	25	21	04	10	11	83	2	03	1	0	0	9	0	5			5						
07	17	9898	27	23	10	06	07	83	3	03	1	0	0	9	0	5									
07	23	9894	20	17	05	13	14	82	8	03	1	1	5	6	0	7	3		7	15	33			29	15
08	05	9881	16	13	-01	14	26	83	7	02	2	2	5	8	0	8									
08	08	9879	18	15	01	14	21	83	3	01	2	1	5	8	0	8									
08	11	9881	24	20	04	12	14	83	3	02	1	1	5	8	3	9	4	7	1						
08	17	9897	26	21	07	08	07	83	2	02	1	0	0	9	3	1									
08	23	9913	22	19	07	13	11	83	2	02	1	0	0	9	0	1				14	33			27	16
09	05	9933	14	12	-01	14	21	83	2	02	1	0	0	9	3	5		6	6						
09	08	9933	18	15	01	13	18	83	2	02	1	0	0	9	3	5		6	6						
09	11	9936	23	19	07	12	10	83	4	03	1	0	0	9	3	6		6	6						
09	17	9936	27	22	07	08	11	83	8	03	1	8	5	7			7								
09	23	9929	23	21	12	12	22	80	8	16	2	8	6	3			2			12	38			29	14
10	05	9922	22	19	08	13	32	64	8	14	2	8	6	3			3								
10	08	9921	21	19	11	12	36	80	8	16	7	6	5	7	1		3								
10	11	9930	24	22	14	12	31	40	8	15	7	6	6	3	1		2								
10	17	9954	26	24	18	10	24	16	8	70	7	8	6	4			2								
10	23	9971	24	21	08	08	08	80	8	14	7	8	6	4			2			12	50			27	21
11	05	9976	23	20	08	04	02	81	8	14	2	5	6	4	1										
11	08	9963	24	21	10	05	04	82	8	14	2	5	6	5	1		2								
11	11	9957	25	21	09	08	10	82	8	02	2	3	6	5	7		2								
11	17	9942	27	24	16	08	09	83	8	02	2	4	6	5	1		2								
11	23	9925	24	22	15	12	08	82	7	01	2	3	6	7	7		3			08	19			27	23
12	05	9904	19	17	04	12	16	83	7	02	2	2	6	7	1	8	3								
12	08	9898	20	17	04	12	18	83	6	01	2	1	5	7	0	8	4		8						
12	11	9895	24	20	06	10	11	83	5	01	1	1	5	7	0	2	4								
12	17	9884	27	22	07	04	02	83	3	01	1	1	5	7	0	2	4								
12	23	9885	19	17	07	15	12	83	1	01	1	1	5	7	0	0	4			12	28			29	19
13	05	9885	17	13	-02	14	18	83	0	02	0	0	0	9	0	0									
13	08	9886	19	14	-03	13	21	83	0	02	0	0	0	9	0	0									
13	11	9887	21	17	03	13	20	83	0	02	0	0	0	9	0	0									
13	17	9892	24	20	03	09	09	83	1	03	0	1	8	6	0	0									
13	23	9897	16	14	04	15	16	83	0	02	0	0	0	9	0	0				13	35			25	15
14	05	9898	11	09	-06	15	25	83	0	02	0	0	0	9	0	0									
14	08	9894	14	12	-01	14	14	83	0	02	0	0	0	9	0	0									
14	11	9893	22	17	-06	14	01	83	0	02	0	0	0	9	0	0									
14	17	9880	24	19	01	28	05	83	1	03	0	0	0	9	0	5									
14	23	9864	17	14	00	15	15	83	1	03	1	0	0	9	0	5			6	15	38			25	10

Results of Surface Observations, Mawson February, 1955

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
15	05	9853	11	08	- 07	14	25	83	3	03	1	0	0	9	0	9			6						
15	08	9841	15	12	- 02	14	24	83	4	03	1	0	0	9	0	9			6						
15	11	9837	19	16	03	15	23	83	2	01	1	0	0	9	0	9			6						
15	17	9838	24	20	04	12	05	83	1	01	1	0	0	9	3	1									
15	23	9832	18	15	00	14	17	83	5	03	1	0	0	9	3	5		5	5	14	42			26	10
16	05	9799	09	07	- 08	14	31	83	5	02	1	0	0	9	3	5									
16	08	9775	10	08	- 06	14	28	83	4	01	1	0	0	9	0	8									
16	11	9760	16	13	- 02	14	19	83	4	02	1	0	0	9	0	1									
16	17	9732	21	17	- 01	12	06	83	2	01	1	0	0	9	0	1									
16	23	9709	10	08	- 07	14	15	83	2	01	1	0	0	9	3	1		5		15	46			21	08
17	05	9687	07	05	- 11	15	24	83	1	02	0	0	0	9	3	1		5							
17	08	9685	10	07	- 10	15	20	83	1	02	1	0	0	9	3	1		5							
17	11	9687	16	12	- 06	10	04	83	1	02	0	0	0	9	3	1		5							
17	17	9710	17	14	- 03	09	03	83	0	02	0	0	0	9	0	0									
17	23	9742	14	12	- 00	12	19	83	6	03	0	6	5	6	0	0	3			15	39			19	06
18	05	9777	06	04	- 12	15	29	83	7	02	2	7	5	6			6								
18	08	9785	09	07	- 10	14	21	83	7	02	2	7	5	6			6								
18	11	9803	10	08	- 08	13	24	83	5	01	2	4	5	7			6								
18	17	9828	13	07	- 07	08	05	83	1	01	1	1	5	8	0	0	5								
18	23	9837	10	08	- 11	14	28	83	0	02	0	0	0	9	0	0				16	42			19	06
19	05	9820	10	08	- 08	15	32	83	0	02	0	0	0	9	0	0									
19	08	9820	13	11	- 06	14	25	83	0	02	0	0	0	9	0	0									
19	11	9810	19	15	- 01	15	31	83	1	03	0	0	0	9	7	0									
19	17	9808	26	22	06	14	04	83	1	02	1	0	0	9	0	5									
19	23	9802	15	12	- 04	15	26	83	2	02	1	0	0	9	0	5			5	15	50			27	08
20	05	9798	16	13	- 02	15	25	83	3	03	1	0	0	9	0	5			5						
20	08	9807	14	11	- 03	13	26	83	3	02	1	0	0	9	0	5			5						
20	11	9809	22	18	05	13	16	83	3	02	1	1	5	6	0	8	3		5						
20	17	9813	26	21	07	22	02	83	3	02	1	0	0	9	0	2									
20	23	9820	19	16	04	14	03	83	2	01	1	0	0	9	0	1			5	13	47			28	12
21	05	9827	13	10	- 06	14	25	83	1	01	1	0	0	9	0	1			5						
21	08	9828	15	12	- 06	15	25	83	0	02	0	0	0	9	0	0									
21	11	9826	21	17	03	12	18	83	0	02	0	0	0	9	0	0									
21	17	9826	25	20	05	22	01	83	0	02	0	0	0	9	0	0									
21	23	9827	16	13	00	14	12	83	0	02	0	0	0	9	0	0				15	40			26	11
22	05	9841	11	08	- 08	13	25	83	1	03	0	0	0	9	0	1									
22	08	9844	12	09	- 07	13	23	83	2	03	1	1	5	6	0	1	2								
22	11	9846	16	13	- 02	13	23	83	2	02	1	2	5	6	0	1	2								
22	17	9840	22	18	03	06	04	83	1	01	1	1	5	7	0	0									
22	23	9849	13	11	- 06	12	14	83	1	03	0	0	0	9	0	1			5	13	38			23	08
23	05	9851	09	07	- 08	14	22	83	2	03	0	0	0	9	0	1			5						
23	08	9847	13	11	- 03	15	17	83	2	02	1	0	0	9	0	1			5						
23	11	9838	19	15	- 04	00	00	83	1	01	1	0	0	9	0	1									
23	17	9822	21	17	03	05	01	83	1	02	0	0	0	9	3	1									
23	23	9811	13	11	- 03	14	16	83	2	03	0	0	0	9	3	1				15	37			22	09
24	05	9822	10	08	- 09	14	17	83	2	02	1	0	0	9	3	1									
24	08	9829	12	09	- 10	15	11	83	2	02	1	0	0	9	3	1									
24	11	9836	15	12	- 04	14	14	83	3	03	1	1	5	7	3	1	3	7	6						
24	17	9833	18	15	00	12	19	83	7	03	1	4	5	6	3	1	2								
24	23	9836	12	09	- 07	14	28	83	5	02	1	2	5	6	7	0	2	6		13	44			19	09
25	05	9853	11	08	- 09	13	31	83	7	03	1	6	5	7	3		6	6							
25	08	9863	11	09	- 07	13	34	83	7	02	2	5	8	5	3		6	6							
25	11	9880	16	13	- 01	13	22	83	7	02	2	3	5	8	7		6	6							
25	17	9895	19	16	03	13	15	83	7	02	2	5	5	6	3		3	6							
25	23	9908	12	09	- 09	13	28	83	2	01	2	1	5	7	3	0	3	5		13	51			22	10
26	05	9931	11	09	- 07	14	19	83	2	02	1	1	5	7	3	0	2	4							
26	08	9939	12	09	- 08	14	22	83	1	02	1	1	5	7	3	0	2								
26	11	9954	16	13	- 03	13	20	83	0	02	0	0	0	9	0	0									
26	17	9976	22	19	05	12	08	83	1	03	0	0	0	9	0	5			6						
26	23	0001	12	10	- 04	14	16	83	2	02	1	0	0	9	0	5			6	12	39			23	09
27	05	0013	07	05	- 10	15	26	83	2	02	1	0	0	9	0	8			6						
27	08	0018	08	06	- 09	15	20	83	1	01	1	0	0	9	0	1			6						
27	11	0013	16	13	- 02	14	18	83	0	02	0	0	0	9	0	0									
27	17	0003	23	19	05	00	00	83	1	03	0	0	0	9	3	1									
27	23	9991	12	10	- 04	14	24	83	1	02	0	0	0	9	3	0				15	36			25	06
28	05	9960	10	07	- 10	14	29	83	1	02	1	0	0	9	3	0									
28	08	9939	13	10	- 09	14	33	83	1	02	1	1	0	9	3	0									
28	11	9941	21	17	- 03	29	08	83	1	02	0	0	0	9	0	0									
28	17	9918	23	19	03	25	08	83	1	02	0	0	0	9	0	0									
28	23	9893	10	07	- 08	12	30	74	1	02	0	0	0	9	0	5				15	62			24	10

Results of Surface Observations,
Mawson March, 1955

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	9884	06	04	-05	13	18	82	6	02	1	5	5	6	0	5	2								
01	08	9883	07	05	-04	14	18	82	3	01	0	1	5	6	0	5	2								
01	11	9878	11	09	-06	12	16	83	3	01	0	1	8	6	0	5									
01	14	9881	14	10	-11	09	13	83	3	02	0	1	5	6	0	5									
01	17	9886	12	09	-05	07	14	83	2	02	0	1	5	6	0	5									
01	20	9888	09	07	-01	13	08	83	2	02	0	1	5	6	0	5									
01	23	9887	05	10	-10	13	27	83	0	02	0	0	0	9	0	0				13	42		0000	14	03
02	05	9882	-02	-03	-13	14	28	83	2	02	0	1	5	6	0	1									
02	08	9878	-00	-02	-12	14	28	83	1	02	0	1	5	6	0	0									
02	11	9873	06	04	-04	14	08	83	3	02	0	1	5	6	0	5									
02	14	9865	09	07	-03	09	07	83	1	02	0	1	5	6	0	0									
02	17	9853	11	09	-01	07	02	83	1	02	0	1	5	6	0	0									
02	20	9843	07	05	-03	09	08	83	2	02	0	1	5	6	0	1									
02	23	9835	03	01	-10	14	17	83	2	02	0	2	5	6	0	0				15	44		0000	13	-02
03	05	9833	-01	-02	-14	14	22	83	1	00	0	1	5	6	0	0									
03	08	9829	-01	-02	-09	14	22	83	1	00	0	1	5	6	0	0									
03	11	9825	03	01	-15	14	24	83	1	02	0	1	5	6	0	0									
03	14	9830	05	03	-09	12	26	83	1	02	0	1	5	6	0	0									
03	17	9832	05	03	-10	12	26	83	1	02	0	1	5	6	0	0									
03	20	9833	03	01	-08	12	26	83	3	03	0	3	5	6	0	0									
03	23	9823	-01	-03	-14	12	32	83	1	01	1	1	5	6	0	0				15	54		0000	07	-03
04	05	9811	-03	-04	-14	13	33	83	1	02	0	1	5	6	0	0									
04	08	9812	-00	-02	-14	13	28	83	1	02	0	1	5	6	0	0									
04	11	9816	05	03	-10	14	21	83	1	02	0	1	5	6	0	0									
04	14	9813	10	07	-07	12	14	83	1	02	0	1	5	6	0	0									
04	17	9817	10	08	-05	11	09	83	1	02	0	0	0	9	0	5									
04	20	9828	07	05	-05	14	14	83	1	03	0	0	0	9	0	5									
04	23	9843	02	00	-10	15	21	83	1	02	0	0	0	9	0	5				14	52		0000	11	-03
05	05	9871	-03	-04	-12	14	25	83	7	03	0	0	0	9	9	4									
05	08	9883	02	00	-11	13	28	83	7	03	2	0	0	9	0	7									
05	11	9882	02	01	-02	13	27	83	8	03	2	0	0	9	7										
05	14	9874	11	09	-03	13	28	83	8	03	2	0	0	9	7										
05	17	9881	14	10	-05	13	28	83	8	03	2	0	0	9	7										
05	20	9861	12	10	02	12	39	48	8	70	7	0	0	9	2										
05	23	9844	12	10	02	12	38	48	8	22	7	0	0	9	2					13	64		0000	14	-04
06	05	9852	16	14	07	12	35	48	7	02	2	0	0	9	2										
06	08	9836	16	13	05	12	39	66	7	01	2	0	0	9	2										
06	11	9851	19	16	06	12	31	66	7	01	2	0	0	9	1										
06	14	9836	20	18	11	12	28	66	7	02	2	7	5	6											
06	17	9861	21	19	12	12	25	66	7	00	2	7	5	6											
06	20	9843	18	15	07	12	26	66	7	00	2	7	6	5											
06	23	9864	19	17	13	13	13	81	7	70	2	7	6	5						13	60		0000	23	12
07	02	9866	17	15	06	15	14	80	4	02	2	0	0	9	0	5									
07	05	9871	15	13	04	14	17	81	7	03	2	0	0	9	7										
07	08	9877	15	13	06	12	17	81	8	03	1	0	0	9	2	8									
07	11	9880	17	16	12	13	16	16	8	71	7	8	6	4											
07	14	9883	17	15	11	12	20	16	8	71	7	8	6	4											
07	17	9880	17	15	11	12	20	32	8	70	7	8	6	4											
07	20	9888	16	14	08	12	18	81	7	14	7	6	5	7	0	1	3								
07	23	9891	13	11	03	13	15	83	1	01	1	0	0	9	3	0				12	33		0000	20	12
08	02	9895	12	09	-02	13	15	82	1	02	0	0	0	9	0	5									
08	05	9907	11	09	-02	13	15	82	4	03	0	2	5	5	0	5									
08	08	9910	12	09	-01	13	14	83	6	03	0	2	5	5	0	4									
08	11	9925	17	15	08	13	12	83	6	02	1	2	5	5	0	0									
08	14	9939	23	19	03	13	17	83	2	01	3	2	5	5	0	0									
08	17	9965	22	19	08	14	22	83	6	02	1	2	6	5	0	0									
08	20	0001	15	13	06	14	36	83	5	01	2	0	5	0	0	0									
08	23	0024	12	09	-03	14	33	83	0	02	0	0	0	9	0	0				15	56		0000	25	11
09	02	0044	11	09	02	15	33	82	4	02	0	0	0	9	3	5									
09	05	0066	17	15	08	25	08	83	7	03	2	0	0	9	7	9									
09	08	0072	18	15	08	16	13	83	2	01	0	0	0	9	1	9									
09	11	0060	23	20	14	16	05	83	7	03	0	0	0	9	7										
09	14	0059	24	21	16	12	13	83	8	03	2	0	0	9	1			6							
09	17	0050	23	21	14	03	09	83	8	02	2	0	0	9	1			6							
09	20	0002	22	19	13	07	09	83	7	02	2	0	0	9	2			6							
09	23	9998	20	19	16	09	13	80	8	70	7	0	0	9	2			6		15	48		0000	25	18
10	02	9945	18	17	14	07	10	16	8	71	7	0	0		2										
10	05	9891	20	19	18	12	39	00	8	38	3	0	6												
10	08	9883	23	22	21	14	40	00	8	38	3	0	6	3											
10	11	9920	23	21	16	14	30	64	8	36	3	0	6	2			3								
10	14	9957	24	23	23	29	06	40	8	70	3	0	6	3			8								
10	17	9971	26	25	23	00	00	83	5	01	7	0	5	5	0	0	5								
10	20	9984	20	17	10	12	06	83	1	01	0	1	5	5	0	0									
10	23	0000	21	18	11	13	10	83	0	02	0	0	0	9	0	0				14	46		0000	27	18

Results of Surface Observations, Mawson March, 1955

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
11	02	0009	14	12	05	13	26	81	3	03	0	0	0	9	0	6									
11	05	0012	15	12	01	14	18	82	2	02	1	0	0	9	0	6									
11	08	0012	17	14	04	14	16	84	7	03	0	0	0	9	0	6									
11	11	0022	19	15	06	12	18	82	7	05	2	1	5	6	0	6									
11	14	0006	20	17	08	11	10	82	7	05	2	1	5	6	0	6									
11	17	9994	21	19	11	08	08	84	8	02	2	0	0	9	1										
11	20	9976	20	17	09	00	00	84	8	02	2	0	0	9	7										
11	23	9954	20	17	08	03	15	84	8	02	2	0	0	9	7					12	41			22	14
12	02	9936	20	18	11	12	20	84	5	02	1	0	0	9	1	0									
12	05	9930	20	17	09	12	23	83	6	02	1	0	0	9	1	0									
12	08	9917	22	19	13	12	26	83	6	02	1	0	0	9	1	0									
12	11	9902	23	20	12	12	23	83	5	02	1	0	0	9	1	1									
12	14	9889	26	23	16	13	22	83	6	02	1	0	0	9	1	1									
12	17	9876	25	23	17	13	25	83	4	01	1	0	0	9	4	9									
12	20	9864	20	18	13	12	26	83	1	01	1	0	0	9	4	0									
12	23	9854	20	17	08	13	31	83	0	02	0	0	0	9	0	0				12	54			27	18
13	02	9842	22	19	12	12	27	83	0	01	0	0	0	9	0	0									
13	05	9823	20	18	10	12	26	83	0	02	0	0	0	9	0	0									
13	08	9819	19	17	12	13	25	83	1	02	0	0	0	9	0	5									
13	11	9813	21	18	11	12	27	83	1	02	0	0	0	9	0	5									
13	14	9812	23	20	12	07	10	83	1	02	0	1	1	6	0	0									
13	17	9819	15	13	09	12	31	40	1	38	3	1	1	6	0	0									
13	20	9835	09	08	04	13	44	00	1	39	3	1	4	6	0	0									
13	23	9843	13	10	-02	13	40	40	8	03	3	8	6	4						13	64			25	09
14	02	9844	12	09	-03	13	43	81	8	02	2	8	6	5											
14	05	9856	12	09	-04	14	40	81	8	02	2	8	6	5											
14	08	9862	11	09	-06	13	39	83	6	01	2	5	5	7	0	1									
14	11	9875	14	11	-02	12	30	83	3	03	1	0	0	9	3	1									
14	14	9880	18	15	05	13	21	83	3	01	1	2	5	7	0	2									
14	17	9885	17	14	04	11	12	83	3	05	1	3	8	6	0	0									
14	20	9894	12	09	-05	12	20	83	1	02	0	1	5	7	0	0									
14	23	9892	16	12	-03	13	26	83	0	02	0	0	0	9	0	0				13	67			19	11
15	02	9897	12	09	-05	12	22	83	0	00	0	0	0	9	0	0									
15	05	9907	10	08	-04	14	18	83	1	03	0	0	0	9	3	0									
15	08	9908	12	09	-05	13	20	83	2	02	0	1	5	7	3	0									
15	11	9910	14	11	-01	13	16	83	2	02	0	1	5	7	3	0									
15	14	9907	21	17	08	12	06	83	1	02	0	0	0	9	0	5									
15	17	9909	20	16	05	12	10	83	4	03	0	1	5	7	7	5									
15	20	9904	12	10	01	12	14	83	1	02	0	1	5	7	0	0									
15	23	9909	10	08	-02	13	21	83	2	02	0	1	5	7	0	5				12	38			23	10
16	02	9907	11	08	-03	13	18	83	1	01	1	0	0	9	3	0									
16	05	9906	10	08	-06	14	16	83	1	02	0	1	5	7	0	0									
16	08	9909	11	08	-04	13	21	83	4	01	2	4	5	7	0	0									
16	11	9917	13	10	-02	13	18	83	5	02	1	5	5	7	0	0									
16	14	9925	16	12	-06	12	15	83	2	01	1	1	5	7	0	0									
16	17	9936	17	13	-00	12	10	83	1	02	0	0	0	9	1	0									
16	20	9942	11	09	-03	12	08	83	1	02	0	0	0	9	1	0									
16	23	9963	06	04	-07	12	15	83	0	02	0	0	0	9	0	0								18	05
17	02	9967	05	04	-06	12	12	83	0	02	0	0	0	9	0	0									
17	05	9970	04	03	-06	12	10	83	1	03	0	0	0	9	1	0									
17	08	9971	05	03	-07	12	15	83	6	03	0	0	0	9	0	6									
17	11	9982	10	08	-02	12	20	83	2	03	0	0	0	9	3	2									
17	14	9994	14	12	-01	12	10	83	8	03	2	0	0	9	7			6							
17	17	0004	14	10	-07	09	18	83	7	02	2	0	0	9	7										
17	20	0015	11	09	-01	12	04	83	7	02	2	0	0	9	7										
17	23	0014	10	08	-02	12	08	83	8	02	2	0	0	9	1									15	04
18	02	9999	11	09	-05	11	08	81	2	01	1	0	0	9	0	2									
18	05	9991	09	07	-03	12	10	81	7	03	1	0	0	9	7										
18	08	9985	10	08	-02	09	10	83	8	02	2	0	0	9	2										
18	11	9969	14	11	03	09	18	83	8	02	2	0	0	9	2										
18	14	9957	16	13	07	09	18	83	8	02	2	0	0	9	2										
18	17	9951	18	16	09	10	12	83	8	02	2	0	0	9	2										
18	20	9965	19	17	08	09	11	83	8	02	2	0	0	9	2										
18	23	9966	19	16	10	08	10	83	8	02	2	8	6	5										21	09
19	02	9966	16	15	13	08	04	82	8	02	2	8	6												
19	05	9964	15	15	13	07	04	72	8	71	7	8	6												
19	08	9959	15	14	12	07	04	24	8	70	7	8	6	3											
19	11	9944	16	15	13	06	02	08	8	71	7	8	6	2											
19	14	9929	17	16	12	10	20	24	8	36	7	8	6	2											
19	17	9898	17	15	09	10	10	83	8	01	2	0	0	9	7			3							
19	20	9873	15	13	05	12	18	83	6	01	2	1	0	5	4	1		3	2						
19	23	9849	15	13	05	13	16	83	0	00	1	0	0	9	0	0				12	28			20	12

Results of Surface Observations,
Mawson March, 1955

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
20	02	9832	13	11	03	12	21	83	2	03	1	0	0	9	7	0									
20	05	9817	12	10	01	14	26	83	1	36	3	0	0	9	4	0									
20	08	9801	12	10	02	13	27	83	3	36	3	0	0	9	4	0									
20	11	9799	15	12	01	13	18	83	2	02	3	0	0	9	4	0									
20	14	9799	18	15	03	08	10	83	1	02	0	0	0	9	0	8									
20	17	9800	20	17	06	00	00	83	2	05	0	0	0	9	7	0									
20	20	9797	11	09	-01	14	23	83	1	02	0	0	0	9	4	0									
20	23	9796	07	05	-04	13	17	83	0	02	0	0	0	9	0	0				14	38			21	06
21	02	9794	08	06	-07	11	26	83	0	00	0	0	0	9	0	0									
21	05	9800	06	04	-07	11	31	83	0	00	0	0	0	9	0	0									
21	08	9806	05	03	-08	11	25	83	0	00	0	0	0	9	0	0									
21	11	9815	09	07	-04	11	15	83	1	02	0	1	8	5	0	0									
21	14	9823	13	10	-01	14	12	83	1	02	0	0	0	9	4	0									
21	17	9840	13	11	-02	11	08	83	1	02	0	0	0	9	3	0									
21	20	9850	08	06	-03	18	11	83	0	00	0	0	0	9	0	0									
21	23	9868	05	03	-07	16	18	83	0	00	0	0	0	9	0	0				14	39			14	04
22	02	9865	04	03	-08	17	28	83	0	00	0	0	0	9	0	0									
22	05	9872	06	04	-06	15	25	83	0	00	0	0	0	9	0	0									
22	08	9884	03	02	-04	15	28	83	1	02	0	1	5	7	0	0									
22	11	9888	05	04	-04	14	28	83	0	02	0	0	0	9	0	0									
22	14	9912	10	07	-01	14	19	83	0	02	0	0	0	9	0	0									
22	17	9927	12	09	-01	09	11	83	0	02	0	0	0	9	0	0									
22	20	9932	09	07	-02	17	04	83	1	02	0	0	0	9	4	0									
22	23	9942	06	04	-05	15	14	83	4	03	1	0	0	9	1	0				15	39			13	02
23	02	9927	09	07	-04	18	02	83	6	03	1	0	0	9	1	0									
23	05	9922	06	05	-02	16	10	83	0	01	1	0	0	9	0	0									
23	08	9911	05	03	-05	16	22	83	1	02	0	0	0	9	3	0									
23	11	9895	09	07	-04	13	10	83	3	03	1	0	0	9	0	6									
23	14	9882	12	09	-01	11	10	83	2	01	1	0	0	9	1	8									
23	17	9861	09	07	-04	11	17	83	2	02	0	0	0	9	1	8									
23	20	9842	04	02	-08	14	10	83	1	02	0	0	0	9	0	8									
23	23	9824	05	03	-07	09	10	83	1	02	0	0	0	9	7	0				16	30			13	03
24	02	9808	06	05	-03	06	10	83	1	00	0	0	0	9	7	0									
24	05	9814	10	08	-02	21	12	83	1	00	0	0	0	9	0	1									
24	08	9842	09	07	00	00	00	83	1	00	0	0	0	9	0	1									
24	11	9862	11	09	03	16	06	83	1	00	0	0	0	9	0	2									
24	14	9879	17	13	02	00	00	83	1	00	0	0	0	9	0	1									
24	17	9894	15	12	01	15	10	83	1	00	0	0	0	9	4	0									
24	20	9894	09	07	-04	16	20	83	1	02	0	0	0	9	4	0									
24	23	9900	05	03	-08	14	30	83	0	01	0	0	0	9	0	0				14	38	274		18	04
25	02	9898	04	02	-06	15	25	83	0	00	0	0	0	9	0	0									
25	05	9897	03	02	-08	15	25	83	0	00	0	0	0	9	0	0									
25	08	9891	05	03	-09	13	26	83	1	02	0	1	5	7	0	0									
25	11	9893	08	06	-01	13	21	83	1	02	0	0	0	9	0	5									
25	14	9897	13	10	02	14	12	83	1	02	0	0	0	9	4	0									
25	17	9908	08	06	-03	08	10	83	2	02	0	0	0	9	4	5									
25	20	9922	05	03	-05	15	11	83	1	02	0	0	0	9	4	0									
25	23	9927	01	01	-09	09	12	83	0	02	0	0	0	9	0	0				14	38	370		14	01
26	02	9927	01	00	-09	11	10	83	0	02	0	0	0	9	0	0									
26	05	9918	-00	01	-10	13	16	83	0	02	0	0	0	9	0	0									
26	08	9924	-00	01	-11	15	09	83	2	02	0	0	0	9	2	1									
26	11	9925	04	02	-08	10	14	83	2	02	0	0	0	9	0	2									
26	14	9929	10	07	-06	05	03	83	4	03	0	0	0	9	3	2									
26	17	9929	10	07	-05	06	02	83	1	01	0	0	0	9	3	0									
26	20	9932	01	00	-07	13	15	83	1	02	0	0	0	9	3	0									
26	23	9938	-00	01	-11	12	11	83	0	02	0	0	0	9	0	0				15	27	223		12	-02
27	02	9938	-01	00	-09	12	10	83	0	00	0	0	0	9	0	0									
27	05	9936	-01	00	-09	16	15	83	0	00	0	0	0	9	0	0									
27	08	9936	02	01	-08	13	06	83	4	02	0	0	0	9	3	6			6						
27	11	9943	04	02	-07	10	16	83	6	03	0	0	0	9	3	6			6						
27	14	9944	09	07	-03	09	14	83	6	02	0	0	0	9	2	6			6						
27	17	9951	03	02	-05	12	20	83	6	02	0	0	0	9	0	6			6						
27	20	9959	01	00	-07	12	06	83	2	03	1	0	0	9	3	5		6							
27	23	9966	02	01	-06	00	00	83	5	03	1	0	0	9	0	5				12	24	219		09	-01
28	02	9978	01	00	-07	09	02	83	1	02	0	1	5	7	0	0									
28	05	9990	02	01	-03	15	06	83	2	02	0	2	5	7	0	0									
28	08	0012	02	01	-03	09	07	83	7	02	2	7	5	7	5										
28	11	0027	03	03	02	11	11	83	7	02	2	7	7	8	5										
28	14	0036	06	05	00	03	02	83	7	02	2	7	7	8	5										
28	17	0038	06	05	00	15	06	83	7	02	2	7	7	8	5										
28	20	0043	03	02	-02	08	15	83	7	02	2	7	7	8	5										
28	23	0041	-01	-01	-04	11	21	83	2	01	0	0	0	9	7	0				10	26	157		07	-02

Results of Surface Observations,
Mawson March, 1955

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
29	02	0027	-01	-02	-05	10	24	83	8	03	2	8	6	4											
29	05	0002	01	-00	-03	09	17	83	4	01	2	4	6	4	0	0									
29	08	9948	03	02	-03	08	30	83	8	38	1	1	6	3	2										
29	11	9902	09	07	00	36	08	83	8	02	2	0	0	9	2										
29	14	9851	14	13	06	10	24	83	8	02	2	0	0	9	2										
29	17	9805	16	14	06	10	40	83	8	38	3	0	0	9	2										
29	20	9782	15	12	03	10	30	83	8	36	3	0	0	9	2										
29	23	9785	09	07	00	13	44	83	7	36	3	0	0	9	2					14	62	588		19	-02
30	02	9785	05	03	-03	14	40	83	1	36	3	0	0	9	1	0									
30	05	9786	04	02	-07	14	32	83	1	02	0	0	0	9	1	0									
30	08	9780	00	-01	-09	13	29	83	2	02	0	0	0	9	1	0									
30	11	9776	04	02	-07	13	08	83	6	02	1	0	0	9	1	6			7						
30	14	9766	01	-01	-09	13	30	83	5	02	1	0	0	9	7	6			7						
30	17	9754	-00	-01	-09	13	22	83	2	01	1	1	5	7	0	6									
30	20	9749	-06	-07	-14	13	30	83	1	02	0	0	0	9	3	0									
30	23	9746	-09	-09	-18	13	28	83	1	02	0	0	0	9	3	0				14	60	609		10	-09
31	02	9748	-09	-10	-18	13	25	83	1	02	0	0	0	9	3	0									
31	05	9759	-11	-11	-20	13	23	83	1	02	0	0	0	9	3	0									
31	08	9767	-13	-13	-23	13	29	83	1	02	0	1	5	6	0	0									
31	11	9785	-10	-11	-19	13	27	83	1	02	0	1	5	6	0	0									
31	14	9800	-06	-07	-14	13	22	83	1	02	0	1	5	6	0	0									
31	17	9823	-05	-05	-15	14	17	83	1	02	0	1	5	6	0	0									
31	20	9845	-05	-06	-15	15	04	83	1	01	0	0	0	9	3	0									
31	23	9857	-04	-05	-13	22	04	83	0	02	0	0	0	9	0	0				13	38	450		-02	-13

Results of Surface Observations,
Mawson April, 1955

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	9880	-05	-06	-14	08	04	83	2	03	0	0	0	9	1	0								
01	05	9911	-04	-05	-11	09	09	83	1	01	0	1	0	9	1	0		1						
01	08	9934	00	-00	-07	00	00	83	6	03	1	5	0	9	7	8								
01	11	9957	14	10	-05	17	25	83	5	02	2	3	0	9	7	9		5						
01	14	9995	12	10	02	05	14	83	5	02	2	5	0	9	7	3								
01	17	0028	12	10	06	13	08	83	2	02	0	1	0	9	7	0								
01	20	0049	11	09	00	12	08	83	6	02	1	0	0	9	0	1								
01	23	0067	12	10	-01	19	07	83	3	02	1	0	0	9	0	6				16	48	200		15	-06
02	02	0082	13	10	-01	00	00	83	0	02	0	0	0	9	0	0								
02	05	0086	10	08	-02	13	16	83	1	03	0	1	0	9	1	0								
02	08	0090	12	10	-01	15	17	83	1	02	0	1	0	9	0	5								
02	11	0084	15	13	03	20	04	83	3	03	0	2	1	9	7	5		5						
02	14	0069	17	14	07	15	05	83	4	03	1	1	2	9	1	6								
02	17	0066	17	14	07	17	04	83	7	03	2	1	2	9	1	7		6						
02	20	0046	18	15	06	13	20	83	2	02	1	1	2	9	1	5								
02	23	0031	17	14	06	12	31	83	7	03	1	2	0	9	1	6				11	40	208		19	09
03	02	0020	16	14	06	12	26	81	2	02	0	2	0	9	2	0								
03	05	0009	17	15	07	11	25	81	8	03	2	8	0	9	2									
03	08	9997	17	16	07	11	19	82	7	02	2	7	0	6										
03	11	9975	17	15	08	03	09	82	8	02	2	8	0	6										
03	14	9946	14	14	12	03	26	82	8	02	2	8	0	6										
03	17	9925	21	19	11	05	20	82	8	02	2	8	0	6										
03	20	9910	22	19	13	09	26	82	7	02	2	7	0	6										
03	23	9901	21	18	10	11	26	81	7	02	2	7	0	5						10	50	566		23	14
04	02	9886	21	17	03	11	24	83	8	02	2	8	0	6										
04	05	9883	20	17	06	11	33	83	8	02	2	8	0	6										
04	08	9875	21	17	07	11	26	83	8	02	2	8	0	6										
04	11	9870	20	17	07	11	20	83	8	02	2	0	0	9	7									
04	14	9882	21	17	07	09	11	83	7	01	2	0	0	9	7									
04	17	9888	19	16	07	09	02	83	6	01	2	0	0	9	7	0								
04	20	9879	15	12	04	14	13	83	7	02	2	0	0	9	7									
04	23	9879	15	12	03	13	13	83	3	01	2	0	0	9	7	0				11	48	482		22	14
05	02	9867	13	11	03	14	15	83	7	02	1	0	0	9	7									
05	05	9865	11	09	-01	13	22	83	7	02	1	0	0	9	7									
05	08	9863	11	09	-01	14	19	83	3	02	0	0	0	9	3	0		4						
05	11	9860	13	11	01	06	04	83	1	02	0	0	0	9	3	0		4						
05	14	9851	14	12	03	11	14	83	0	02	0	0	0	9	0	0								
05	17	9842	14	11	01	13	13	83	0	02	0	0	0	9	0	0								
05	20	9832	11	09	-02	12	19	83	0	02	0	0	0	9	0	0								
05	23	9810	09	07	-04	12	16	83	0	02	0	0	0	9	0	0				12	33	354		17	08
06	02	9802	07	05	-06	12	22	83	3	03	1	0	0	9	0	8								
06	05	9806	02	00	-10	12	26	83	2	02	1	0	0	9	0	8								
06	08	9805	03	01	-09	13	25	83	5	03	1	0	0	9	5	0		5						
06	11	9807	04	03	-09	00	00	83	1	01	1	0	0	9	7	0								
06	14	9813	07	05	-06	08	06	83	1	02	0	0	0	9	7	0								
06	17	9788	06	04	-07	11	12	83	0	02	0	0	0	9	0	0								
06	20	9802	-02	-03	-12	11	25	83	0	02	0	0	0	9	0	0								
06	23	9801	-03	-05	-08	11	38	83	0	02	0	0	0	9	0	0				12	36	462		09	-03
07	02	9805	-01	-02	-12	09	22	83	0	02	0	0	0	9	0	0								
07	05	9811	-02	-03	-15	09	17	83	0	02	0	0	0	9	0	0								
07	08	9817	01	-01	-09	12	19	83	0	02	0	0	0	9	0	0								
07	11	9826	03	02	-08	11	29	83	0	02	0	0	0	9	0	0								
07	14	9846	08	06	-04	09	09	83	0	02	0	0	0	9	0	0								
07	17	9852	07	05	-04	24	11	83	0	02	0	0	0	9	0	0								
07	20	9846	04	03	-05	18	05	83	0	02	0	0	0	9	0	0								
07	23	9859	03	01	-06	18	03	83	0	02	0	0	0	9	0	0				12	38	368		09	-04
08	02	9851	04	03	-07	11	17	83	1	02	0	0	0	9	7	0								
08	05	9852	02	01	-09	11	26	83	1	02	0	0	0	9	7	0								
08	08	9869	03	01	-08	12	30	83	1	02	0	0	0	9	7	0								
08	11	9881	08	06	-05	09	15	83	1	02	0	0	0	9	7	0								
08	14	9896	07	06	-04	18	04	83	1	02	0	0	0	9	7	0								
08	17	9910	09	07	-03	19	03	83	2	03	0	0	0	9	0	1								
08	20	9927	08	06	-04	13	17	83	0	02	0	0	0	9	0	0								
08	23	9951	05	03	-07	18	05	83	0	02	0	0	0	9	0	0				12	37	336		11	00
09	02	9961	04	02	-07	00	00	83	0	02	0	0	0	9	0	0								
09	05	9968	05	03	-05	16	05	83	0	02	0	0	0	9	0	0								
09	08	9973	06	04	-05	09	05	83	1	02	0	0	0	9	7	0								
09	11	9977	08	06	03	15	11	83	3	03	0	0	0	9	7	0								
09	14	9974	11	09	02	27	04	83	7	03	2	0	0	9	7									
09	17	9960	10	09	03	32	04	83	8	02	2	0	0	9	7									
09	20	9955	07	06	01	09	04	83	8	02	2	0	0	9	2									
09	23	9953	08	07	00	12	02	83	3	01	2	0	0	9	0	8				12	29	153		14	03

Results of Surface Observations, Mawson April, 1955

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	9948	07	06	02	00	00	83	8	02	2	0	0	9	0	7								
10	05	9939	06	05	00	10	03	83	5	03	2	0	0	9	2	0								
10	08	9924	05	04	00	14	05	83	2	01	2	0	0	9	7	2								
10	11	9916	07	05	00	06	05	83	2	03	0	0	0	9	4	9								
10	14	9920	07	06	03	10	11	83	7	03	0	6	5	6	7									
10	17	9921	05	05	07	10	05	83	3	01	1	2	5	5	0	2								
10	20	9934	03	03	01	19	05	83	3	01	1	3	5	5	0	0								
10	23	9940	03	03	02	18	04	83	7	70	1	7	5	5						11	23	123		11	02
11	02	9938	03	03	02	20	04	83	7	02	2	7	5											
11	05	9934	01	01	00	14	08	83	1	01	1	1	5		0	0								
11	08	9939	−02	−03	−10	13	16	83	1	02	0	1	5	5	0	0								
11	11	9938	02	01	−09	12	25	83	1	02	0	1	5	5	0	0								
11	14	9964	02	01	−06	12	21	83	7	03	1	7	5	5										
11	17	9984	02	00	−09	12	12	83	7	03	1	7	5	6										
11	20	0014	−02	−03	−11	13	15	83	2	01	1	1	5	6	3	0								
11	23	0034	−05	−06	−17	14	18	83	0	01	0	0	0	9	0	0				12	43	217		05	−05
12	02	0056	−07	−07	−17	00	00	83	0	00	0	0	0	9	0	0								
12	05	0067	−06	−07	−17	13	15	83	0	00	0	0	0	9	0	0								
12	08	0078	−08	−09	−17	16	11	83	0	00	0	0	0	9	0	0								
12	11	0094	−06	−07	−16	13	07	83	0	00	0	0	0	9	0	0								
12	14	0097	−01	−03	−12	09	04	83	0	00	0	0	0	9	0	0								
12	17	0103	−01	−02	−13	13	05	83	0	00	0	0	0	9	0	0								
12	20	0109	−07	−08	−15	13	10	83	0	00	0	0	0	9	0	0								
12	23	0104	−07	−08	−13	14	04	83	0	00	0	0	0	9	0	0				14	28	186		01	−10
13	02	0108	−08	−09	−15	09	01	83	0	00	0	0	0	9	0	0								
13	05	0118	−08	−09	−15	14	11	83	0	02	0	0	0	9	0	0								
13	08	0118	−08	−09	−14	14	07	83	1	02	0	0	0	9	3	0								
13	11	0122	−04	−05	−13	15	03	83	1	02	0	0	0	9	3	0								
13	14	0133	−02	−03	−08	22	02	83	7	03	1	0	0	9	0	6								
13	17	0114	−02	−03	−08	20	03	83	5	03	1	0	0	9	7	6								
13	20	0124	−03	−04	−10	00	00	83	2	02	1	0	0	9	0	8								
13	23	0135	−01	−02	−05	31	05	83	8	03	1	0	0	9	1					15	16	091		−01	−09
14	02	0132	−00	−01	−05	07	08	83	8	03	2	0	0	9	2										
14	05	0120	00	−01	−04	18	03	83	8	02	2	0	0	9	2										
14	08	0108	02	01	−01	18	05	83	8	02	2	0	0	9	5	2									
14	11	0092	03	02	−03	17	06	83	8	02	2	0	0	6	2	2									
14	14	0073	04	03	−02	20	06	72	8	70	2	0	0	5	2	2									
14	17	0029	04	04	03	00	00	12	8	71	7	0	0	4	2	2									
14	20	9959	13	13	13	11	38	01	8	36	7	0	0	5	2										
14	23	9925	13	12	09	11	36	01	8	36	3	8	6	5						11	52	228		13	−01
15	02	9876	13	11	08	12	45	00	8	39	3	8	6	5											
15	05	9864	12	11	07	12	45	00	8	39	3	8	6	5											
15	08	9850	12	11	07	12	45	00	8	39	3	8	6	5											
15	11	9848	12	11	09	12	35	04	7	38	3	0	0	9	7										
15	14	9852	11	11	08	12	33	08	7	38	3	0	0	9	7										
15	17	9844	11	10	07	12	31	81	7	38	3	0	0	9	2										
15	20	9830	11	10	07	12	31	80	7	38	3	0	0	9	2										
15	23	9829	11	10	07	12	31	80	8	38	3	0	0	9	2					11	60	935		13	11
16	02	9817	11	11	08	12	35	12	8	39	3	0	6	5											
16	05	9803	12	11	09	11	39	12	8	39	3	8	6	4											
16	08	9822	13	12	08	11	33	40	8	36	3	8	6	4											
16	11	9822	13	12	08	11	31	40	8	36	3	0	0	9	1										
16	14	9815	14	13	10	11	35	40	8	36	3	0	0	9	2										
16	17	9823	15	14	08	11	42	40	7	36	3	6	5	5	2	0		3							
16	20	9837	14	13	07	11	38	40	6	36	3	6	5	5	0	0									
16	23	9847	14	12	08	11	35	80	4	36	3	4	5	5	0	0				11	62	903		17	11
17	02	9855	14	13	06	11	34	40	7	36	3	0	0	9	7										
17	05	9858	14	12	06	11	38	16	8	38	3	0	0	9	7										
17	08	9864	14	12	04	11	33	87	6	36	3	0	0	9	7	0			7						
17	11	9877	14	12	04	11	31	83	6	02	3	4	5	6	7	0		6	7						
17	14	9893	16	13	04	11	17	83	5	02	1	3	5	6	7	0		2	7						
17	17	9916	14	12	04	11	17	83	6	02	1	6	5	6	9	0		6							
17	20	9920	13	11	06	11	12	83	8	03	2	0	0	9	1										
17	23	9921	12	11	03	11	10	83	8	02	2	0	0	9	1					12	48	668		16	12
18	02	9919	13	11	05	12	11	83	8	02	2	0	0	9	1										
18	05	9910	10	08	00	12	12	83	7	01	2	0	0	9	7										
18	08	9905	06	05	−02	13	14	83	2	00	2	1	5	6	8	0		1							
18	11	9898	05	03	−05	14	22	83	3	01	0	0	5	9	3	0									
18	14	9898	07	05	−04	13	25	83	4	03	0	2	5	6	3	0									
18	17	9897	06	05	−02	12	25	83	6	03	1	6	8	5	0	0		1							
18	20	9900	05	04	−04	12	25	83	8	02	2	8	5	5				1							
18	23	9890	03	01	−10	12	34	83	0	01	2	0	0	9	0	0				12	41	440		13	03

Results of Surface Observations, Mawson April, 1955

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	9883	02	00	-11	12	35	83	0	00	0	0	0	9	0	0									
19	05	9862	02	00	-12	11	40	83	1	02	0	1	5	5	0	0									
19	08	9861	03	01	-10	11	40	83	7	02	1	7	5	5			1								
19	11	9875	06	04	-08	12	31	83	7	02	2	7	5	6			1								
19	14	9892	07	05	-06	12	25	83	7	02	2	7	5	6			1								
19	17	9905	06	04	-05	12	19	83	7	02	2	7	5	6			1								
19	20	9918	05	03	-03	12	19	83	8	02	2	8	5	6											
19	23	9926	00	-01	-09	14	14	83	1	01	1	1	5	6	0	0				12	55	741		08	-00
20	02	9929	-03	-04	-14	15	25	83	0	00	0	0	0	9	0	0									
20	05	9926	-02	-03	-14	00	00	83	0	00	0	0	0	9	0	0									
20	08	9934	-03	-04	-14	00	00	83	1	02	0	1	5	6	0	0									
20	11	9934	-01	-02	-11	00	00	83	1	02	0	1	5	6	0	0									
20	14	9937	04	+03	-07	07	02	83	1	02	0	1	5	6	0	0									
20	17	9937	-01	-02	-10	14	04	83	0	01	0	0	0	9	0	0									
20	20	9936	-03	-05	-14	00	00	83	0	00	0	0	0	9	0	0									
20	23	9938	-05	-05	-11	10	06	83	0	00	0	0	0	9	0	0				15	32	110		05	-03
21	02	9937	-04	-05	-12	00	00	83	0	00	0	0	0	9	0	0									
21	05	9938	-02	-04	-13	19	05	83	0	00	0	0	0	9	0	0									
21	08	9952	-03	-04	-14	22	05	83	1	00	0	0	0	9	3	0									
21	11	9972	-02	-03	-12	18	05	83	2	02	0	0	0	9	5	0									
21	14	9989	-00	-01	-09	14	05	83	3	02	0	0	0	9	5	5		1							
21	17	0008	-02	-03	-12	09	05	83	3	02	0	0	0	9	5	5									
21	20	0018	-06	-07	-16	12	22	83	3	02	0	0	0	9	5	0									
21	23	0005	-04	-05	-16	12	25	83	0	00	0	0	0	9	0	0				13	38	206		01	-06
22	02	9994	-01	-03	-14	11	20	81	5	01	2	0	0	9	0	8									
22	05	9948	00	-01	-11	13	40	08	8	36	3	0	0	9	2										
22	08	9895	04	03	-06	13	44	80	8	36	3	0	0	9	2										
22	11	9877	03	02	-01	12	47	00	8	36	3	0	0	9	2										
22	14	9895	04	03	00	12	33	00	8	71	7	0	0	9	2										
22	17	9896	05	04	03	12	38	00	8	71	7	0	0	9	2										
22	20	9990	03	03	01	12	35	00	8	38	7	0	0	9	2										
22	23	9914	03	03	01	12	40	c v	8	38	3	0	0	9	2					13	71	854		07	-04
23	02	9929	05	04	-01	12	22	80	8	36	3	0	0	9	2										
23	05	9938	05	04	-02	12	13	83	8	02	2	0	0	9	2										
23	08	9948	05	03	-03	12	18	83	8	02	2	0	0	9	7										
23	11	9965	05	04	-04	11	14	83	7	02	2	0	0	9	7			3							
23	14	9976	07	05	-01	22	02	83	4	03	1	0	0	9	3	5		3	3						
23	17	9983	04	03	-03	15	07	83	3	01	1	0	0	9	3	5		3	3						
23	20	9988	02	10	-04	13	15	83	0	00	0	0	0	9	0	0									
23	23	9988	00	-01	-07	14	17	83	0	00	0	0	0	9	0	0				11	47	452		08	00
24	02	9976	02	01	-08	12	17	83	0	00	0	0	0	9	0	0									
24	05	9964	01	-00	-09	13	20	83	0	02	0	0	0	9	0	0									
24	08	9953	04	02	-07	14	13	83	6	03	0	0	0	9	4	2		7							
24	11	9936	06	04	-05	12	23	83	7	03	2	7	8	6			7								
24	14	9928	07	05	-03	12	13	83	8	02	2	8	5	6			7								
24	17	9922	07	06	-01	12	09	83	8	02	2	8	5	5			7								
24	20	9897	11	09	00	14	39	81	8	00	2	8	5	5											
24	23	9884	09	07	-01	14	35	83	3	01	2	0	0	9	3	0				14	56	465		12	01
25	02	9858	05	04	-01	14	49	16	0	36	0	0	0	9	0	0									
25	05	9842	07	06	00	14	46	24	0	36	3	0	0	9	0	0									
25	08	9832	06	06	03	14	48	00	1	38	3	1	5	6	0	0									
25	11	9839	08	07	05	14	40	00	1	38	3	3	0	9	3	0		3							
25	14	9838	09	08	04	14	40	04	3	36	3	3	5	6	0	0	4								
25	17	9844	11	10	03	14	40	83	6	03	3	5	5	6	3	0	4								
25	20	9854	17	14	06	12	23	83	7	03	2	7	8	5	6										
25	23	9858	13	14	05	12	31	83	8	02	2	8	5	6						14	67	925		18	05
26	02	9874	13	11	-02	14	33	83	2	01	2	0	0	9	2	0									
26	05	9890	11	09	-00	14	31	83	3	02	1	0	0	9	2	0									
26	08	9909	11	09	-00	15	31	83	7	00	0	7	5	6											
26	11	9924	15	13	-04	14	23	83	7	00	2	7	5	7											
26	14	9926	16	14	-04	14	25	83	7	00	2	7	5	7											
26	17	9943	16	13	-02	12	22	83	6	01	2	7	5	7			2								
26	20	9960	10	08	-02	14	31	83	7	02	2	7	5	7											
26	23	9970	08	06	-04	14	31	83	3	01	1	0	0	9	2	0				12	50	655		18	-07
27	02	9973	03	02	-07	15	33	83	1	01	0	1	5	7	0	0									
27	05	9977	05	03	-08	14	25	83	2	00	0	2	5	6	0	0									
27	08	9972	07	05	-05	13	21	83	7	03	2	7	5	6											
27	11	9971	07	05	-05	13	19	83	7	02	2	7	5	6											
27	14	9968	05	03	-08	12	20	83	2	01	1	1	5	6	0	9									
27	17	9967	04	02	-09	12	17	83	1	02	0	1	5	6	0	0									
27	20	9965	-02	-03	-14	13	23	83	1	00	0	1	5	6	0	0									
27	23	9966	03	01	-12	12	20	83	0	00	0	0	0	9	0	0				14	45	528		09	-02

Results of Surface Observations, Mawson April, 1955

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	9970	01	-01	16	12	26	83	0	00	0	0	0	9	0	0									
28	05	9970	00	-02	13	12	25	83	7	03	2	7	5	6											
28	08	9974	02	00	12	12	23	83	8	02	2	8	5	6											
28	11	9981	02	00	12	12	30	81	7	00	2	7	5	5											
28	14	9987	01	01	12	13	22	80	8	00	2	8	6	5											
28	17	9993	-03	-04	14	14	23	80	8	00	2	8	6	5											
28	20	9998	-05	-07	15	14	25	80	8	00	2	8	6	5											
28	23	9993	-07	-07	18	14	26	80	8	00	2	8	6	5						14	45	634		04	-07
29	02	9966	-05	-07	-20	12	37	83	2	01	1	0	0	9	1	0									
29	05	9948	-06	-07	-16	12	27	83	1	02	0	0	0	9	3	0									
29	08	9917	00	-01	-09	12	25	83	8	02	2	8	5	5											
29	11	9890	03	-02	-04	12	29	83	8	02	2	8	5	5											
29	14	9857	04	04	-01	11	34	20	8	38	2	8	5	5											
29	17	9832	06	05	-02	12	40	80	8	36	3	6	5	5	7										
29	20	9810	09	07	-03	12	38	80	8	02	2	8	5	5											
29	23	9793	10	07	-04	12	31	80	4	01	2	4	5	5	0	0				12	56	818		10	-08
30	02	9778	04	02	-09	14	35	80	1	01	1	1	5	5	0	0									
30	05	9762	01	-01	-10	15	35	83	1	00	0	1	5	5	0	0									
30	08	9756	07	05	-05	13	30	83	7	00	2	0	0	9	2										
30	11	9747	08	07	-04	12	28	83	8	00	2	8	5	5											
30	14	9757	10	08	-01	12	26	83	8	00	2	0	0	9	7			2							
30	17	9768	11	09	-01	12	26	83	8	00	2	8	5	5											
30	20	9792	10	08	-01	13	17	83	3	01	2	0	0	9	1	0									
30	23	9816	11	09	00	11	26	83	3	00	1	0	0	9	1	0				14	55	693		14	01

Results of Surface Observations,
Mawson May, 1955

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	9843	13	11	04	08	23	83	0	00	0	0	0	9	0	0									
01	05	9872	13	11	02	11	22	83	0	00	0	0	0	9	0	0									
01	08	9894	13	11	05	11	24	83	0	03	1	3	5	6	7	8		1							
01	11	9924	14	13	08	11	20	40	6	27	1	0	0	9	7	0									
01	14	9957	16	14	08	11	18	40	5	70	7	0	0	9	2										
01	17	9985	16	15	10	07	03	24	8	70	7	0	0	9	2										
01	20	0003	15	14	09	12	20	24	8	71	7	0	0	9	2			2							
01	23	0028	13	11	05	12	20	83	2	01	1	0	0	9	7	0				11	39	496		18	11
02	02	0028	13	11	03	13	20	83	3	02	1	0	0	9	7	0									
02	05	0018	11	09	04	12	42	24	1	38	1	0	0	9	7	0									
02	08	0006	10	09	04	11	27	83	1	02	1	1	5	6	0	0									
02	11	9955	14	13	12	11	39	24		38	3														
02	14	9912	15	14	13	11	52	00		38	3														
02	17	9881	14	14	12	12	57	00		39	3														
02	20	9827	14			12	66	00		39	3														
02	23	9834	14			12	61	00		39	3											055		17	08
03	02	9823				12	48	00		39	3														
03	05	9798				12	48	00		39	3														
03	08	9769	14			12	48	00	4	39	3	4	5	6	0	0	2								
03	11	9748	15	14	10	12	48	80	4	38	3	2	5	6	4	9	2	1							
03	14	9732	18	15	01	12	28	83	3	00	1	0	0	9	4	8									
03	17	9728	12	10	00	14	31	83	3	00	0	0	0	9	3	0									
03	20	9732	11	09	00	14	26	83	3	00	1	0	0	9	0	8									
03	23	9732	14	11	04	12	33	83	3	03	1	0	0	9	1	0						971		18	10
04	02	9728	15	13	06	12	44	83	8	38	3	0	0	9	2										
04	05	9731	16	15	11	12	42	83	7	38	3	0	0	9	2										
04	08	9742	19	17	14	12	38	08	8	36	3	0	0	9	2										
04	11	9757	22	20	13	12	34	80	7	01	2	2	5	6	7	0	2	3							
04	14	9756	27	23	16	12	34	83	7	01	2	0	0	9	7			3							
04	17	9764	23	20	12	12	40	83	6	01	2	4	5	5	7		2								
04	20	9774	22	20	15	12	44	80	7	36	2	4	5	5	3										
04	23	9789	21	18	12	12	47	80	6	03	3	0	0	9	3	7				12	59	933		28	11
05	02	9810	21	18	08	12	37	83	8	02	2	0	0	9	2										
05	05	9822	22	18	03	12	35	83	8	02	2	0	0	9	2										
05	08	9834	22	19	08	13	26	83	7	02	2	0	0	9	2										
05	11	9853	21	18	06	12	26	83	6	02	2	0	5	6	0	0									
05	14	9868	18	16	07	13	26	83	8	02	3	8	5	6											
05	17	9871	15	13	04	14	26	83	4	01	2	4	5	6	0	0									
05	20	9874	11	09	00	14	30	83	1	01	1	1	5	6	0	0									
05	23	9876	08	06	−02	15	30	83	1	02	0	1	5	6	0	0				12	59	800		24	08
06	02	9887	13	10	−02	12	21	83	2	02	0	1	5	6	0	5									
06	05	9895	05	03	−05	14	28	83	1	02	0	1	5	6	0	0									
06	08	9898	11	08	04	13	25	83	2	02	0	1	5	6	0	8									
06	11	9907	08	05	−05	12	35	83	3	03	0	1	5	6	0	5									
06	14	9909	08	06	−05	12	33	83	4	03	1	0	0	9	3	5									
06	17	9914	08	06	−04	12	35	83	8	02	2	0	0	9	2										
06	20	9927	09	07	−03	12	28	83	8	02	2	0	0	9	2										
06	23	9905	11	09	−00	12	40	83	8	02	2	0	0	9	2					12	51	675		15	05
07	02	9890	11	10	06	12	43	02	8	38	3	0	0	9	2										
07	05	9869	13	12	12	11	50	00		37	3														
07	08	9862	13	13	12	11	54	00		39	3														
07	11	9863	13	12	10	11	52	00		39	3														
07	14	9860	14	13	11	11	55	00		39	3														
07	17	9868	15	14	13	11	52	00		39	3														
07	20	9857	13			11	61	00		39	3														
07	23	9851	14			11	64	00		39	3									12	67	275		15	10
08	02	9846	15			12	65	00		39	3														
08	05	9853	14			12	61	00		39	3														
08	08	9865	15			12	61	00		38	3														
08	11	9873	17	15	10	12	60	81	8	38	3	0	0	9	7										
08	14	9887	18	15	03	12	52	81	8	02	3	0	0	9	7										
08	17	9902	18	14	00	12	44	83	8	02	2	0	0	9	7										
08	20	9915	18	14	−03	12	42	83	8	01	2	0	0	9	7	8									
08	23	9922	17	14	05	13	38	83	5	01	1	0	0	9	7	0				12	71	188		19	14
09	02	9932	16	14	05	12	35	83	6	02	2	0	0	9	0	8									
09	05	9942	14	12	03	13	31	83	3	01	0	0	0	9	0	4									
09	08	9956	12	10	03	14	26	83	6	00	0	4	5	5	0	8									
09	11	9967	09	07	00	14	29	83	1	00	0	1	5	5	0	0									
09	14	9973	09	07	00	13	26	83	1	00	0	1	5	5	0	0									
09	17	9972	07	06	−03	14	26	83	1	00	0	1	5	5	0	0									
09	20	9975	05	04	−04	14	26	83	0	02	0	0	0	9	0	0									
09	23	9976	03	02	−06	13	22	83	0	02	0	0	0	9	0	0				12	52	631		20	03

Results of Surface Observations, Mawson May, 1955

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	9972	02	01	-05	14	25	83	0	00	0	0	0	9	0	0									
10	05	9965	02	01	-06	13	27	83	0	00	0	0	0	9	0	0									
10	08	9963	00	01	-07	14	28	83	1	00	0	1	5	5	0	0									
10	11	9964	-01	-02	-09	13	27	83	1	00	0	1	5	5	0	0									
10	14	9963	01	00	-07	15	22	83	1	00	0	1	5	5	0	0									
10	17	9962	-02	-03	-10	17	26	83	1	00	0	1	5	5	0	0									
10	20	9958	-00	-01	-09	13	20	83	1	00	0	1	5	5	0	0									
10	23	9946	-02	-03	-09	13	38	83	0	00	0	0	0	9	0	0				13	52	524		05	-02
11	02	9948	-01	-02	-07	13	31	83	0	02	3	0	0	9	0	0									
11	05	9941	01	-01	-06	14	23	83	7	03	2	8	5	6											
11	08	9935	00	-01	-04	15	26	83	8	02	2	8	5	6											
11	11	9925	01	00	-03	15	28	83	8	02	2	8	5	5											
11	14	9906	04	03	-01	13	20	83	8	02	2	8	5	6											
11	17	9885	05	04	-01	14	20	83	7	02	2	7	5	6											
11	20	9848	04	03	-01	14	21	83	3	01	2	3	5	6	0	0									
11	23	9810	04	03	-02	17	24	83	3	02	0	3	5	6	0	0				13	52	515		05	-03
12	02	9777	02	01	-03	17	22	83	0	01	0	0	0	9	0	0									
12	05	9741	00	-01	-05	16	26	83	0	02	0	0	0	9	0	0									
12	08	9727	-01	-02	-06	16	17	83	0	02	0	0	0	9	0	0									
12	11	9713	-02	-03	-08	15	20	83	0	02	0	0	0	9	0	0									
12	14	9712	01	00	-06	13	26	83	0	02	0	0	0	9	0	0									
12	17	9715	-01	-02	-09	12	22	83	0	02	0	0	0	9	0	0									
12	20	9725	-01	-02	-09	14	22	83	0	02	0	0	0	9	0	0									
12	23	9731	-03	-05	-21	13	26	83	1	02	0	0	0	9	3	0				15	39	487		01	-04
13	02	9740	-05	-06	-20	13	28	83	1	00	0	1	5	6	0	0									
13	05	9748	-05	-06	-21	13	29	83	1	00	0	1	5	6	0	0									
13	08	9759	-03	-04	-16	12	23	83	1	00	0	1	5	6	0	0									
13	11	9772	01	01	-12	11	25	83	2	03	0	2	5	6	0	0	2								
13	14	9798	01	01	-13	12	20	83	5	03	1	4	5	6	3	0	2								
13	17	9816	05	-03	-08	11	18	83	7	02	2	7	5	6			2								
13	20	9827	10	08	-04	11	25	83	7	02	3	7	5	6											
13	23	9849	10	08	-04	12	26	83	5	01	1	3	5	6	1	0				12	38	564		11	-05
14	02	9860	12	10	-02	12	30	83	8	03	2	0	0	9	7										
14	05	9881	13	10	-04	13	30	83	8	03	2	0	0	9	1										
14	08	9884	13	11	04	13	34	83	8	36	2	0	0	9	1										
14	11	9893	14	12	04	13	32	81	8	38	3	0	0	9	1										
14	14	9891	15	12	04	13	37	82	7	38	3	0	0	9	7										
14	17	9880	16	14	06	13	44	82	7	38	3	0	0	9	7										
14	20	9867	17	14	01	13	45	83	8	02	3	0	0	9	2										
14	23	9855	19	15	02	13	48	83	7	01	2	0	0	9	2					12	63	862		19	10
15	02	9860	19	15	00	14	35	83	8	02	2	0	0	9	2										
15	05	9844	14	11	-01	16	39	83	8	02	2	0	0	9	2										
15	08	9831	15	12	-01	16	35	83	7	02	2	0	0	9	2										
15	11	9829	14	11	-03	15	31	83	7	02	2	7	5	7											
15	14	9824	09	07	-08	15	31	83	7	02	2	7	5	7											
15	17	9819	07	04	-07	15	26	83	2	01	2	2	5	7	3	0									
15	20	9810	05	04	-10	15	31	83	0	01	1	0	0	9	0	0									
15	23	9801	05	03	-10	14	17	83	0	02	0	0	0	9	0	0				13	60	699		20	04
16	02	9800	04	02	-10	13	20	83	0	00	0	0	0	9	0	0									
16	05	9807	02	01	-09	15	22	83	0	00	0	0	0	9	0	0									
16	08	9827	03	01	-10	13	22	83	7	03	0	7	5	6											
16	11	9832	07	04	-08	12	26	83	7	15	2	7	5	7											
16	14	9841	07	05	-01	12	31	83	7	02	2	7	5	7											
16	17	9848	07	06	-01	12	35	40	7	02	2	7	5	6											
16	20	9868	05	05	03	12	31	00	8	73	2	7	6	5											
16	23	9881	06	05	00	13	33	04	8	71	2	7	6	5						13	45	600		07	02
17	02	9903	05	05	01	15	25	40	8	36	3	8	6	5											
17	05	9919	05	03	-04	13	28	81	5	01	1	5	5	6	0	0									
17	08	9930	05	03	-05	13	25	83	7	02	2	7	5	6											
17	11	9940	05	03	-07	13	19	83	7	02	2	7	5	5											
17	14	9940	03	02	-08	13	25	83	7	02	2	7	5	6											
17	17	9935	03	01	-07	13	17	83	2	01	1	2	5	6	0	0									
17	20	9931	01	00	-12	13	29	83	1	02	0	1	5	6	0	0									
17	23	9926	01	01	-09	12	25	83	1	02	0	1	5	6	0	0				13	42	591		07	-00
18	02	9917	02	01	-10	13	23	83	1	02	0	0	0	9	0	4									
18	05	9910	01	01	-12	12	23	83	6	03	2	0	0	9	4	0									
18	08	9906	-01	-02	-11	15	24	83	3	01	0	0	0	9	4	0									
18	11	9902	-03	-05	-14	16	26	83	1	02	0	0	0	9	3	0									
18	14	9895	-03	-04	-15	16	24	83	0	02	0	0	0	9	0	0									
18	17	9893	-06	-07	-16	15	26	83	0	02	0	0	0	9	0	0									
18	20	9890	-01	-03	-15	14	22	83	0	02	0	0	0	9	0	0									
18	23	9892	-05	-06	-17	14	23	83	0	02	0	0	0	9	0	0				12	37	505		03	-06

Results of Surface Observations, Mawson May, 1955

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	9893	-01	-03	-16	13	17	83	0	02	0	0	0	9	0	0									
19	05	9889	-05	-06	-17	15	25	83	0	02	0	0	0	9	0	0									
19	08	9900	-04	-05	-17	16	22	83	0	02	0	0	0	9	0	0									
19	11	9902	-00	-02	-16	13	23	83	1	02	0	1	5	6	0	0									
19	14	9910	-03	-04	-16	13	17	83	1	02	0	1	5	6	0	0									
19	17	9916	-04	-06	-17	12	25	83	1	02	0	1	5	6	0	0									
19	20	9926	-05	-06	-18	15	27	83	1	02	0	1	5	6	0	0									
19	23	9928	-05	-06	-18	15	26	83	0	02	0	0	0	9	0	0				15	37	505		-00	-05
20	02	9929	-04	-06	-18	17	08	83	0	02	0	0	0	9	0	0									
20	05	9923	-05	-06	-19	15	03	83	0	02	0	0	0	9	0	0									
20	08	9920	-05	-06	-17	17	07	83	0	02	0	0	0	9	0	0									
20	11	9908	-05	-07	-18	10	19	83	0	02	0	0	0	9	0	0									
20	14	9899	-08	-07	-18	22	10	83	0	02	0	0	0	9	0	0									
20	17	9892	-03	-04	-14	23	17	83	0	02	0	0	0	9	0	0									
20	20	9891	-04	-05	-15	23	14	83	0	02	0	0	0	9	0	0									
20	23	9879	-01	-02	-13	20	12	83	0	02	0	0	0	9	0	0				15	36	276		00	-07
21	02	9879	-03	-04	-12	19	31	83	0	02	0	0	0	9	0	0									
21	05	9875	-01	-03	-13	16	31	83	0	02	0	0	0	9	0	0									
21	08	9880	00	-01	-12	15	31	83	1	02	0	0	0	9	0	5									
21	11	9885	05	03	-11	13	30	83	1	02	0	1	5	6	0	0									
21	14	9902	03	01	-12	15	24	83	1	02	0	1	5	6	0	0									
21	17	9912	03	01	-10	15	24	83	1	02	0	0	0	9	3	0									
21	20	9922	08	06	-07	14	28	83	0	00	0	0	0	9	0	0									
21	23	9945	06	04	-08	16	21	83	0	00	0	0	0	9	0	0				12	56	577		10	-04
22	02	9965	06	04	-07	15	22	83	0	00	0	0	0	9	0	0									
22	05	9993	09	07	-04	14	26	83	0	00	0	0	0	9	0	0									
22	08	0015	10	08	-02	14	22	83	1	00	0	0	0	9	3	0									
22	11	0015	09	07	-03	15	17	83	4	03	1	4	5	6	0	0									
22	14	0026	13	10	-00	15	13	83	4	03	1	4	5	6	3	0									
22	17	0033	11	09	-01	14	14	83	7	02	2	7	5	6											
22	20	0038	08	06	-03	15	17	83	5	01	2	5	5	6	0	0									
22	23	0041	03	01	-08	16	31	83	7	03	1	0	0	9	1					15	42	467		14	03
23	02	0033	04	03	-07	15	17	83	8	02	2	0	0	9	1										
23	05	0034	07	05	-06	13	15	83	0	01	0	0	0	9	0	0									
23	08	0026	07	05	-05	12	17	83	8	02	1	8	5	6											
23	11	0020	06	04	-09	12	16	83	6	02	1	2	5	6	4	6									
23	14	0015	01	00	-10	15	18	83	6	03	1	5	5	7	7	0									
23	17	9999	01	-01	-12	15	19	83	1	01	1	1	5	7	0	0									
23	20	9995	01	-01	-13	15	21	83	0	02	0	0	0	9	0	0									
23	23	9974	00	-01	-13	15	30	83	0	02	0	0	0	9	0	0				16	39	410		08	-01
24	02	9983	00	-02	-13	16	10	83	0	00	0	0	0	9	0	0									
24	05	9970	-03	-05	-16	14	18	83	0	00	0	0	0	9	0	0									
24	08	9958	-03	-04	-16	13	16	83	1	00	0	0	0	9	0	1									
24	11	9949	-05	-06	-17	14	20	83	1	00	0	0	0	9	0	5									
24	14	9940	-05	-06	-17	14	18	83	1	02	0	1	5	6	0	0									
24	17	9939	-08	-09	-21	15	25	83	0	00	0	0	0	9	0	0									
24	20	9936	-07	-08	-21	14	21	83	0	00	0	0	0	9	0	0									
24	23	9942	-10	-11	-23	14	31	83	0	00	0	0	0	9	0	0				14	39	458		06	-11
25	02	9950	-09	-10	-23	15	31	83	0	00	0	0	0	9	0	0									
25	05	9949	-09	-10	-21	15	19	83	0	00	0	0	0	9	0	0									
25	08	9957	-06	-07	-20	15	13	83	1	00	0	1	5	6	0	0									
25	11	9964	-10	-11	-23	15	22	83	3	03	0	2	5	6	4	0									
25	14	9980	-08	-09	-19	16	14	83	2	00	0	0	0	9	4	0									
25	17	9984	-07	-09	-21	14	22	83	1	03	1	0	0	9	3	0									
25	20	9977	-05	-06	-20	13	26	83	2	00	0	0	0	9	1	0									
25	23	9970	-05	-07	-20	12	31	83	6	03	1	0	0	9	1	0				14	38	512		-05	-11
26	02	9947	-02	-03	-17	07	20	83	8	03	2	0	0	9	2										
26	05	9870	07	00	-12	12	51	80	8	02	2	0	0	9	2										
26	08	9825	02	01	-05	12	51	80	8	38	3	0	0	9	2										
26	11	9820	04			12	56	00		39	3														
26	14	9828	08	07	03	12	47	40	8	38	3	0	0	9	2										
26	17	9831	08	07	03	12	44	40	8	38	3	0	0	9	2										
26	20	9835	10	08	00	13	42	83	8	02	3	0	0	9	2										
26	23	9852	07	06	-03	13	35	83	8	70	2	0	0	9	2					12	73	106		10	-07
27	02	9864	10	08	-02	13	28	83	8	02	2	0	0	9	2										
27	05	9880	09	06	-04	16	31	83	8	02	2	0	0	9	2										
27	08	9880	07	06	-04	17	35	83	6	01	2	5	5	7	3	0									
27	11	9890	09	07	-06	16	35	83	7	02	2	7	5	7											
27	14	9902	11	09	-06	16	31	83	6	01	2	5	5	6	3	0									
27	17	9910	11	08	-07	17	27	83	3	01	1	0	5	6	0	0									
27	20	9921	09	07	-07	13	10	83	0	01	0	0	0	9	0	0									
27	23	9921	09	06	-09	13	20	83	1	02	0	0	0	9	3	0				16	53	590		13	06

Results of Surface Observations, Mawson May, 1955

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	9925	06	04	-11	14	26	83	1	00	0	1	5	6	0	0									
28	05	9915	06	04	-11	13	22	83	1	00	0	1	5	6	0	0									
28	08	9906	10	07	-13	13	22	83	6	03	0	6	5	6											
28	11	9874	11	08	-12	12	35	83	8	00	2	8	5	6											
28	14	9863	11	08	-11	12	35	83	8	00	2	8	5	5											
28	17	9846	12	09	-09	12	35	83	8	00	2	8	5	5											
28	20	9817	12	09	-06	12	35	83	8	00	2	0	0	9	2										
28	23	9810	14	11	-00	11	31	83	8	00	2	0	0	9	2					11	53	711		14	04
29	02	9786	16	13	00	12	35	83	6	01	2	0	0	9	2										
29	05	9775	17	13	00	12	42	83	8	02	2	0	0	9	2										
29	08	9777	18	14	00	12	44	83	7	02	2	0	0	9	7										
29	11	9795	13	10	00	14	38	83	8	02	1	0	0	9	3	5									
29	14	9798	12	09	-01	14	45	83	3	02	1	0	0	9	7	0									
29	17	9801	12	09	-01	14	35	83	4	02	1	0	0	9	7	0									
29	20	9795	11	09	-04	14	51	83	1	01	0	0	0	9	3	0									
29	23	9800	11	08	-04	14	40	83	1	02	0	0	0	9	3	0				14	67	973		19	10
30	02	9808	11	08	-06	22	28	83	1	02	0	0	0	9	3	0									
30	05	9767	16	12	-04	18	15	83	8	03	1	0	0	9	3										
30	08	9739	05	04	-06	16	41	83	1	01	1	0	0	9	7	0									
30	11	9745	08	05	-07	16	26	83	1	02	0	0	0	9	7	0									
30	14	9759	11	08	-06	16	26	83	0	02	0	0	0	9	0	0									
30	17	9780	05	03	-08	16	35	83	0	02	0	0	0	9	0	0									
30	20	9793	06	04	-05	15	26	83	0	02	0	0	0	9	0	0									
30	23	9804	05	03	-08	16	26	83	1	02	0	0	0	9	4	0				16	56	681		17	05
31	02	9806	05	03	-08	16	31	83	0	02	0	0	0	9	0	0									
31	05	9806	08	06	-05	14	26	83	0	02	0	0	0	9	0	0									
31	08	9817	07	05	-05	14	20	83	3	01	1	1	5	6	1	0									
31	11	9824	08	06	-04	15	17	83	2	02	0	1	5	6	3	0									
31	14	9822	11	08	-02	15	23	83	7	02	2	7	5	6											
31	17	9826	06	05	-05	17	25	83	7	02	2	7	5	6											
31	20	9823	08	06	-04	15	22	83	0	00	0	0	0	9	0	0									
31	23	9819	04	02	-08	17	26	83	0	00	0	0	0	9	0	0				16	45	605		11	04

Results of Surface Observations, Mawson June, 1955

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	9812	03	01	-08	15	25	83	0	00	0	0	0	99	00	00									
01	05	9797	02	01	-08	15	14	83	0	00	0	0	0	99	00	00									
01	08	9797	02	01	-08	00	00	83	0	00	0	0	0	99	00	00									
01	11	9780	-01	-03	-12	16	26	83	0	00	0	0	0	99	00	00									
01	14	9786	-01	-02	-13	16	22	83	0	00	0	0	0	99	00	00									
01	17	9791	00	-02	-14	15	14	83	0	00	0	0	0	99	00	00									
01	20	9799	00	-02	-11	15	12	83	0	00	0	0	0	99	00	00									
01	23	9795	05	03	-09	14	25	83	0	00	0	0	0	99	00	00				15	37	379		09	-04
02	02	9814	-03	-04	-14	14	31	83	0	00	0	0	0	99	00	00									
02	05	9831	-03	-04	-14	14	26	83	1	00	0	1	5	99	00	00									
02	08	9851	-03	-05	-14	13	25	83	0	00	0	0	0	99	00	00									
02	11	9871	-02	-03	-15	12	22	83	1	00	0	1	1	55	00	00									
02	14	9881	-03	-04	-14	13	22	83	2	03	0	1	1	55	33	00									
02	17	9894	-03	-04	-14	13	17	83	1	00	0	1	0	55	33	00									
02	20	9892	-03	-04	-15	13	29	83	4	03	0	0	0	99	40	00									
02	23	9888	-05	-06	-17	14	30	83	0	00	0	0	0	99	00	00				14	41	579		06	-05
03	02	9885	-05	-06	-16	14	28	83	1	02	0	0	0	99	30	00									
03	05	9875	-05	-07	-17	13	29	83	1	02	0	1	5	66	30	00									
03	08	9877	-06	-07	-16	13	25	83	2	02	0	1	5	66	30	00									
03	11	9870	-01	-03	-13	13	23	83	6	03	1	0	0	99	77										
03	14	9863	-01	-02	-11	13	14	83	7	03	2	0	0	99	77										
03	17	9859	02	01	-09	14	22	83	7	02	2	7	5	99											
03	20	9844	02	02	-08	15	22	83	8	02	2	0	0	99	22										
03	23	9835	02	00	-08	16	22	83	8	02	2	0	0	99	22					13	37	541		03	-05
04	02	9824	-00	-02	-10	16	27	83	8	02	2	8	5	69											
04	05	9811	-02	-03	-12	16	22	83	0	01	1	0	0	99	00	00									
04	08	9811	-00	-02	-10	14	13	83	0	00	0	0	0	99	00	00									
04	11	9803	-05	-06	-11	00	00	83	1	02	0	1	5	66	00	00									
04	14	9810	-04	-05	-15	15	11	83	1	02	0	1	5	66	00	00									
04	17	9816	-05	-06	-16	14	17	83	1	02	0	1	5	66	00	00									
04	20	9825	-01	-02	-13	14	25	83	0	02	0	0	0	99	00	00									
04	23	9829	-03	-04	-14	13	33	83	0	00	0	0	0	99	00	00				13	40	390		05	-06
05	02	9851	-02	-03	-11	12	18	83	6	03	0	0	0	99	30	0		3							
05	05	9869	01	00	-09	11	18	83	7	03	2	6	5	66	3		2								
05	08	9888	06	04	-04	12	22	83	8	02	2	8	5	66											
05	11	9916	06	04	-05	12	27	83	7	02	2	8	5	66											
05	14	9936	05	03	-06	12	23	83	8	02	2	8	5	66											
05	17	9961	03	02	-05	13	13	83	7	02	2	7	5	66											
05	20	9976	02	01	-07	15	24	83	7	02	2	7	5	66											
05	23	9981	02	01	-08	15	24	83	8	02	2	8	5	66						12	37	473		07	-04
06	02	9983	00	-01	-09	15	26	83	7	02	2	7	5	66											
06	05	9986	-01	-02	-11	15	24	83	1	00	0	0	0	99	30	0		2							
06	08	9991	-00	-01	-10	14	24	83	1	00	0	0	0	99	30	0		2							
06	11	9994	+03	01	-06	14	25	83	2	00	0	0	0	99	30	0		2							
06	14	0007	-01	-02	-11	15	22	83	0	00	0	0	0	99	40	0									
06	17	0021	-01	-02	-11	15	25	83	2	03	0	0	0	99	30	0		2							
06	20	0021	-01	-02	-11	14	25	83	1	02	0	0	0	99	40	0									
06	23	0017	-01	-02	-10	14	27	83	1	02	0	0	0	99	30	0				15	36	494		05	-02
07	02	0018	-01	-02	-10	15	20	83	0	00	0	0	0	99	00	00									
07	05	0022	-01	-00	-07	15	19	83	0	00	0	0	0	99	00	00									
07	08	0022	-03	-04	-12	00	00	83	1	00	0	0	0	99	30	00									
07	11	0025	-03	-04	-11	16	20	83	0	00	0	0	0	99	00	00									
07	14	0033	-04	-05	-16	16	20	83	1	02	0	1	1	66	00	00									
07	17	0043	-04	-05	-16	15	19	83	1	02	0	1	1	66	00	00									
07	20	0044	-05	-07	-16	15	23	83	1	02	0	1	1	66	00	00									
07	23	0049	-06	-07	-16	13	21	83	0	00	0	0	0	99	00	00				15	39	431		03	-06
08	02	0049	-08	-09	-17	13	14	83	1	02	0	1	1	66	00	00									
08	05	0043	-10	-11	-19	14	18	83	1	02	0	1	1	66	00	00									
08	08	0039	-09	-10	-19	14	14	83	1	02	0	1	1	66	00	00									
08	11	0041	-13	-14	-22	13	22	83	1	02	0	1	1	66	00	00									
08	14	0040	-09	-10	-21	13	22	83	1	02	0	1	1	66	00	00									
08	17	0040	-13	-14	-21	16	17	83	1	02	0	1	1	66	00	00									
08	20	0046	-15	-16	-24	13	22	83	1	02	0	1	1	66	00	00									
08	23	0040	-13	-14	-24	14	13	83	1	02	0	1	1	66	00	00				16	34	477		-06	-15
09	02	0039	-14	-15	-23	16	20	83	0	00	0	0	0	99	00	00									
09	05	0033	-15	-15	-24	14	10	83	0	00	0	0	0	99	00	00									
09	08	0024	-15	-16	-26	16	20	83	0	00	0	0	0	99	00	00									
09	11	0006	-13	-13	-22	28	09	83	0	00	0	0	0	99	00	00									
09	14	9982	-11	-12	-21	15	29	83	0	00	0	0	0	99	00	00									
09	17	9963	-11	-12	-21	13	30	83	0	00	0	0	0	99	00	00									
09	20	9945	-13	-14	-22	10	15	83	0	00	0	0	0	99	00	00									
09	23	9932	-14	-14	-22	10	13	83	0	00	0	0	0	99	00	00				13	42	414		-09	-17

Results of Surface Observations, Mawson June, 1955

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	9916	-10	-11	-16	10	10	83	2	03	0	0	0	9	3	0									
10	05	9882	01	00	-02	13	32	81	8	22	2	0	0	9	2	0									
10	08	9873	08	06	-05	13	35	83	5	02	1	0	0	9	3	0		3							
10	11	9972	05	03	-09	16	35	83	6	02	1	0	0	9	3	0		2							
10	14	9853	02	00	-10	16	44	83	1	01	1	0	0	9	3	0									
10	17	9858	01	-01	-10	16	41	83	1	01	0	0	0	9	3	0									
10	20	9851	01	-01	-12	16	38	83	0	00	0	0	0	9	3	0									
10	23	9854	04	02	-09	18	29	83	0	00	0	0	0	9	0	0				16	60	699		11	-16
11	02	9835	01	-00	-10	00	00	83	0	00	0	0	0	9	0	0									
11	05	9822	-01	-02	-11	10	07	83	0	00	0	0	0	9	0	0									
11	08	9798	01	-01	-12	00	00	83	0	00	0	0	0	9	0	0									
11	11	9775	05	03	-11	19	09	83	0	00	0	0	0	9	0	0									
11	14	9768	04	02	-10	12	02	83	0	00	0	0	0	9	0	0									
11	17	9753	02	00	-11	08	09	83	0	00	0	0	0	9	0	0									
11	20	9747	03	01	-10	19	12	83	0	00	0	0	0	9	0	0									
11	23	9739	-01	-02	-12	09	07	83	0	00	0	0	0	9	0	0				17	38	139		06	-01
12	02	9730	01	-01	-09	36	10	83	0	00	0	0	0	9	0	0									
12	05	9720	-00	-02	-11	10	25	83	0	00	0	0	0	9	0	0									
12	08	9723	00	-02	-13	18	20	83	0	00	0	0	0	9	0	0									
12	11	9731	-04	-05	-16	14	15	83	0	00	0	0	0	9	0	0									
12	14	9728	-05	-06	-16	15	12	83	0	00	0	0	0	9	0	0									
12	17	9719	-04	-05	-16	13	28	83	0	00	0	0	0	9	0	0									
12	20	9726	-03	-04	-16	13	27	83	0	00	0	0	0	9	0	0									
12	23	9727	-02	-03	-15	13	28	83	0	00	0	0	0	9	0	0				14	37	426		05	-06
13	02	9730	-05	-06	-16	13	31	83	0	00	0	0	0	9	0	0									
13	05	9732	-06	-07	-16	13	28	83	1	00	0	0	0	9	3	0									
13	08	9741	-03	-04	-13	14	31	83	8	03	1	0	0	9	3			3							
13	11	9748	-02	-03	-15	14	31	83	3	02	1	0	0	9	3	0		3							
13	14	9759	-02	-03	-15	14	30	83	6	03	1	0	0	9	7	0		3							
13	17	9769	-03	-04	-14	13	31	83	6	02	2	0	0	9	7	0		3							
13	20	9776	-03	-04	-14	13	30	83	1	03	1	0	0	9	7	0									
13	23	9776	-06	-07	-16	15	32	83	1	02	0	0	0	9	7	0				13	44	704		-01	-07
14	02	9774	-05	-06	-16	15	29	83	5	03	2	0	0	9	7	0									
14	05	9770	-00	-02	-10	14	23	83	5	02	1	0	0	9	7	0									
14	08	9763	01	-00	-09	13	31	83	8	70	2	0	0	9	7										
14	11	9756	01	-01	-08	13	31	83	6	00	2	0	0	9	7	0									
14	14	9763	01	-00	-08	13	24	83	6	02	2	0	0	9	3	0									
14	17	9758	03	02	-06	13	25	83	1	01	2	0	0	9	3	0									
14	20	9749	02	01	-06	15	22	83	7	03	0	0	0	9	3										
14	23	9732	06	04	-02	12	26	83	8	02	2	8	5	6						16	45	625		08	-06
15	02	9734	03	02	-02	12	20	83	8	70	2	0	0	9	7										
15	05	9725	04	03	-01	12	25	83	3	02	1	0	0	9	5	0									
15	08	9729	10	09	05	12	25	80	8	36	7	0	0	9	7										
15	11	9736	11	10	05	12	25	83	8	02	7	8	6	5											
15	14	9740	14	12	04	13	25	83	8	14	2	0	0	9	7										
15	17	9755	13	11	04	15	12	80	8	70	2	0	0	9	7										
15	20	9763	11	10	05	16	18	80	8	70	7	0	0	9	7										
15	23	9770	09	07	00	17	17	83	1	02	0	0	0	9	3	0				12	44	519		14	05
16	02	9781	06	05	-02	15	19	83	1	02	0	0	0	9	3	0									
16	05	9789	06	04	-02	15	17	83	2	02	0	0	0	9	3	0									
16	08	9797	06	04	-04	14	15	83	2	02	0	0	0	9	3	0									
16	11	9807	05	03	-05	14	15	83	1	02	0	0	0	9	3	0									
16	14	9819	02	01	-06	14	16	83	1	02	0	0	0	9	7	0									
16	17	9827	-02	-03	-09	15	15	83	1	02	0	0	0	9	7	0									
16	20	9835	-03	-04	-10	15	14	83	1	02	0	0	0	9	7	0									
16	23	9846	-04	-05	-11	15	20	83	1	02	0	0	0	9	7	0				15	28	378		09	-05
17	02	9861	-02	-02	-08	14	31	81	0	36	0	0	0	9	0	0									
17	05	9882	01	01	-03	15	22	83	4	03	0	0	0	9	1	0									
17	08	9901	02	01	-03	15	22	83	8	02	2	0	0	9	2										
17	11	9916	00	-01	-07	14	26	83	8	02	2	0	0	9	7										
17	14	9932	-02	-03	-11	14	31	83	8	02	2	0	0	9	7										
17	17	9943	-02	-03	-06	13	31	82	8	36	7	8	6	5											
17	20	9940	-00	-01	-08	13	31	82	8	02	7	8	6	5											
17	23	9947	00	-01	-04	13	33	80	8	36	7	8	6	5						14	44	670		05	-03
18	02	9945	-00	-01	-05	13	32	82	5	38	3	5	6	5	0	0									
18	05	9943	-00	-01	-05	13	32	83	4	02	3	0	0	9	2	0									
18	08	9946	-02	-03	-12	04	14	83	2	02	1	0	0	9	3	0									
18	11	9939	00	-01	-11	08	13	83	6	02	2	0	0	9	3	0		2							
18	14	9920	01	-00	-10	03	13	83	8	02	2	0	0	9	7	0		2							
18	17	9888	06	04	-11	13	18	83	8	02	2	0	0	9	7	0		2							
18	20	9847	08	05	-08	13	43	83	8	02	2	0	0	9	7	0									
18	23	9834	09	06	-12	13	45	83	8	02	2	0	0	9	7	0				13	56	590		11	-02

Results of Surface Observations, Mawson June, 1955

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	9815	09	06	-10	14	40	83	2	01	1	0	0	9	7	0									
19	05	9790	10	07	-11	13	41	83	1	02	0	0	0	9	7	0									
19	08	9756	14	11	-10	13	38	83	1	02	0	0	0	9	7	0									
19	11	9746	06	04	-11	16	40	83	2	02	0	0	0	9	7	0									
19	14	9724	06	03	-11	16	51	83	2	02	0	0	0	9	7	0									
19	17	9705	03	01	-15	16	58	83	1	02	0	0	0	9	7	0									
19	20	9684	02	00	-14	16	54	83	0	00	0	0	0	9	0	0									
19	23	9679	-01	-02	-15	16	47	83	0	00	0	0	0	9	0	0				16	72	031		17	-01
20	02	9675	-03	-04	-16	16	46	83	1	03	0	1	5	6	0	0									
20	05	9666	-04	-05	-17	16	42	83	0	00	0	0	0	9	0	0									
20	08	9657	-06	-07	-16	16	35	83	0	00	0	0	0	9	0	0									
20	11	9643	-06	-07	-17	16	35	83	1	00	0	0	0	9	7	0									
20	14	9634	-09	-09	-18	16	42	83	1	00	0	0	0	9	7	0									
20	17	9638	-07	-08	-17	16	31	83	0	00	0	0	0	9	0	0									
20	20	9635	-05	-06	-16	15	30	83	0	00	0	0	0	9	0	0									
20	23	9647	-03	-04	-13	15	26	83	0	00	0	0	0	9	0	0				16	65	730		01	-09
21	02	9676	-00	-01	-09	14	10	83	0	00	0	0	0	9	0	0									
21	05	9701	02	01	-08	13	20	83	0	00	0	0	0	9	0	0									
21	08	9728	01	00	-08	13	20	83	0	00	0	0	0	9	0	0									
21	11	9746	-02	-03	-11	15	25	83	1	00	0	0	0	9	3	0									
21	14	9767	-04	-05	-13	15	29	83	1	00	0	0	0	9	1	0									
21	17	9800	-04	-05	-13	14	25	83	1	00	0	0	0	9	1	0									
21	20	9817	-03	-04	-12	13	24	83	1	00	0	0	0	9	1	0									
21	23	9836	-00	-01	-08	13	21	83	1	00	0	0	0	9	1	0				15	38	465		02	-04
22	02	9848	-04	-05	-12	14	35	83	0	00	0	0	0	9	0	0									
22	05	9860	-04	-05	-11	14	26	83	0	00	0	0	0	9	0	0									
22	08	9865	-03	-04	-11	13	24	83	1	02	0	1	5	6	0	0									
22	11	9870	-01	-02	-09	13	22	83	7	03	1	6	5	6	3										
22	14	9870	-03	-04	-10	13	24	83	3	03	1	2	5	6	7	0	1	1							
22	17	9865	-02	-03	-09	13	27	83	2	02	1	2	5	6	0	0									
22	20	9858	01	01	-05	12	28	83	8	03	1	8	5	6											
22	23	9838	02	01	-05	13	26	83	8	70	2	8	5	6						11	44	576		03	-05
23	02	9821	02	01	-06	12	22	83	7	03	2	7	5	6											
23	05	9801	02	00	-06	11	18	83	3	01	1	3	5	6	0	0									
23	08	9759	03	02	-05	14	18	83	8	02	2	8	5	6											
23	11	9724	-00	-01	-08	14	26	83	5	03	1	4	5	6	4	0									
23	14	9703	-02	-03	-10	16	25	83	1	01	1	1	5	7	0	0									
23	17	9675	-00	-01	-11	20	26	83	0	00	0	0	0	9	0	0									
23	20	9631	04	02	-09	15	28	83	0	00	0	0	0	9	0	0									
23	23	9630	-01	-02	-10	11	35	83	0	00	0	0	0	9	0	0				15	51	505		06	-02
24	02	9663	02	01	-08	11	32	83	8	03	0	8	5	6											
24	05	9691	-01	-02	-10	12	34	83	4	01	2	4	5	6											
24	08	9751	01	01	-04	09	23	83	7	02	2	7	5	6											
24	11	9786	01	-00	-07	11	33	83	6	01	2	6	5	6			2								
24	14	9827	-01	-02	-10	12	25	83	7	02	2	6	5	6	4		2								
24	17	9852	-01	-02	-11	13	24	83	2	01	2	2	5	6	0	0	2								
24	20	9875	-02	-03	-11	13	24	83	1	01	0	1	5	6	0	0									
24	23	9887	-01	-03	-12	15	26	83	1	01	0	1	5	6	0	0				12	42	624		02	-04
25	02	9903	-02	-03	-12	09	04	83	0	00	0	0	0	9	0	0									
25	05	9915	-02	-03	-12	19	12	83	0	00	0	0	0	9	0	0									
25	08	9920	03	02	-10	15	27	83	1	02	0	1	5	6	0	0									
25	11	9928	00	-01	-11	15	26	83	1	02	0	0	0	9	3	0		2							
25	14	9934	-01	-02	-10	19	09	83	0	00	0	0	0	9	0	0									
25	17	9936	-01	-03	-12	14	18	83	0	00	0	0	0	9	0	0									
25	20	9933	00	-01	-11	14	17	83	0	00	0	0	0	9	0	0									
25	23	9928	01	-01	-12	16	19	83	0	00	0	0	0	9	0	0				18	42	355		05	-03
26	02	9919	02	00	-10	13	18	83	0	00	0	0	0	9	0	0									
26	05	9905	-01	-02	-13	13	26	83	0	00	0	0	0	9	0	0									
26	08	9889	-01	-02	-12	14	26	83	0	00	0	0	0	9	0	0									
26	11	9883	00	-01	-11	12	17	83	0	00	0	0	0	9	0	0									
26	14	9863	-01	-02	-11	13	16	83	0	00	0	0	0	9	0	0									
26	17	9838	-03	-04	-13	20	10	83	0	00	0	0	0	9	0	0									
26	20	9809	00	-01	-11	15	27	83	0	00	0	0	0	9	0	0									
26	23	9785	01	00	-12	15	35	83	0	00	0	0	0	9	0	0				21	44	367		05	-06
27	02	9788	02	00	-10	00	00	83	0	00	0	0	0	9	0	0									
27	05	9782	-01	-03	-13	13	25	83	0	00	0	0	0	9	0	0									
27	08	9790	-02	-03	-12	13	26	83	0	00	0	0	0	9	0	0									
27	11	9791	-01	-03	-13	14	29	83	0	00	0	0	0	9	0	0									
27	14	9797	-02	-04	-13	14	35	83	0	02	0	0	0	9	7	0		2							
27	17	9799	-03	-04	-13	14	31	83	0	03	0	0	0	9	3	0		3							
27	20	9830	01	00	-13	12	20	83	8	03	1	0	0	9	3			3							
27	23	9852	-01	-02	-11	12	21	83	2	01	1	0	0	9	3			3		15	48	536		05	-03

Results of Surface Observations, Mawson June, 1955

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	9866	01	-01	-09	14	26	83	8	03	1	0	0	9	3										
28	05	9884	03	+01	-10	12	29	83	8	02	2	8	5	7											
28	08	9906	-00	-01	-10	14	31	83	8	02	2	8	5	7			2								
28	11	9914	-01	-03	-11	15	29	83	8	02	2	8	5	7			2								
28	14	9922	-01	-03	-13	13	21	83	7	02	2	6	5	6	3		2								
28	17	9916	-03	-05	-15	15	32	83	7	02	2	7	5	6											
28	20	9914	-01	-03	-13	11	20	83	5	02	2	2	5	6	3	0		2							
28	23	9910	-02	-03	-14	12	19	83	6	02	2	1	5	6	3	0		2		15	46	605		05	-03
29	02	9900	-02	-03	-12	15	03	83	1	01	1	0	0	9	3	0									
29	05	9865	-02	-03	-12	13	19	83	0	01	0	0	0	9	0	0									
29	08	9850	-03	-02	-12	14	22	83	1	00	0	0	0	9	3	0									
29	11	9833	-05	-06	-16	15	25	83	1	00	0	0	0	9	3	0		3							
29	14	9822	-03	-04	-14	14	26	83	1	00	0	0	0	0	9	3	0			0					
29	17	9809	-05	-06	-17	15	29	83	0	00	0	0	0	9	0	0									
29	20	9796	-04	-05	-16	15	31	83	0	00	0	0	0	9	0	0									
29	23	9788	-04	-05	-16	15	31	83	1	00	0	0	0	9	3	0				16	42	581		00	-05
30	02	9778	-03	-05	-15	15	32	83	3	02	1	0	0	9	1	0									
30	05	9770	-01	-02	-13	15	31	83	5	03	1	0	0	9	1	0									
30	08	9770	01	-01	-10	16	31	83	7	02	2	7	5	6											
30	11	9768	01	-01	-09	16	35	83	6	02	2	6	5	6	0	0									
30	14	9769	02	01	-08	16	31	83	7	02	2	6	5	6	7										
30	17	9773	03	01	-08	15	26	83	7	02	2	4	5	6	3										
30	20	9773	05	03	-10	13	20	83	8	02	2	2	5	6	3										
30	23	9772	05	03	-10	12	18	83	8	02	2	0	5	9	1					15	48	583		07	-05

Results of Surface Observations, Mawson July, 1955

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	9767	05	03	-09	11	24	83	3	01	1	0	0	9	3	0									
01	05	9766	-01	-02	-13	14	35	83	4	02	1	2	5	6	3	0									
01	08	9771	01	-01	09	15	32	83	5	02	2	2	5	6	3	0									
01	11	9773	05	03	07	12	20	83	3	02	2	2	5	6	3	0	2	3							
01	14	9773	05	03	07	12	24	83	7	70	2	7	3	5	3	1	2	3							
01	17	9763	08	06	00	12	24	80	8	22	7	3	5	4	1	1									
01	20	9751	07	05	-04	12	20	83	6	02	2	3	5	4	1	0									
01	23	9731	07	05	-04	12	23	83	8	02	2	5	5	4	1					14	46	538		09	-01
02	02	9711	08	06	-03	12	24	83	6	01	2	0	0	9	3	0									
02	05	9692	08	06	-04	11	26	83	7	02	2	0	0	9	3										
02	08	9678	06	04	-03	11	26	83	2	02	1	1	5	6	3	0									
02	11	9669	09	07	-03	12	21	83	6	02	2	6	5	7	0	0	3								
02	14	9659	10	08	-01	12	31	83	7	02	2	7	5	7			3								
02	17	9653	12	09	02	11	38	83	7	02	2	7	5	7			3								
02	20	9658	13	10	-01	12	40	83	7	02	2	2	5	7	1										
02	23	9667	14	11	-02	12	48	83	8	02	2	0	0	9	1					12	66	666		15	06
03	02	9686	12	09	-02	13	45	83	7	02	2	0	0	9	7										
03	05	9720	10	07	-07	12	44	83	5	02	1	0	0	9	7										
03	08	9805	01	00	-06	03	20	83	4	02	1	3	5	6	3	0									
03	11	9825	01	00	-06	00	00	83	8	02	2	6	6	7	7										
03	14	9853	-01	-02	-07	10	18	83	2	02	0	1	6	9	7	0									
03	17	9881	-03	-04	-12	11	29	83	1	01	0	0	0	9	7	0									
03	20	9897	-01	-02	-11	11	32	83	2	02	0	0	0	9	3	0		1							
03	23	9904	01	-00	-07	12	29	83	3	01	1	0	0	9	7	0		2		12	72	620		15	-03
04	02	9907	-01	-02	-09	12	25	83	3	01	1	0	0	9	1	0									
04	05	9902	-00	-01	-07	12	26	83	7	01	1	0	0	9	7										
04	08	9894	01	00	-05	12	26	83	4	01	1	1	5	6	3	0		2							
04	11	9887	06	05	00	11	28	81	7	03	1	2	5	7	7										
04	14	9874	08	08	06	10	39	02	8	38	2	8	5	3											
04	17	9855	08	08	07	10	39	01		38	3														
04	20	9830	09	08	08	11	48	01		38	3														
04	23	9807	10	09	09	11	52	01		38	3									11	58	874		10	-02
05	02	9799	10	10	09	11	60	00		39	3														
05	05	9808	10	10	09	11	55	00		39	3														
05	08	9815	11	11	10	11	48	00		39	3														
05	11	9822	10	10	09	11	50	00		39	3														
05	14	9815	10	10	09	11	48	00		39	3														
05	17	9811	11	10	10	11	44	00		39	3														
05	20	9812	11	11	10	11	45	00		39	3														
05	23	9810	11	11	10	11	50	00		39	3									11	70	262		12	09
06	02	9819	10	10	09	11	50	00		38	3														
06	05	9827	12	12	11	11	49	00		38	3														
06	08	9837	13	13	12	11	45	00		38	3														
06	11	9839	12	12	11	11	46	00		39	3														
06	14	9863	12	12	11	11	44	00		39	3														
06	17	9884	12	11	11	11	29	08	8	36	3	8	5	6											
06	20	9897	13	11	08	11	20	83	8	02	2	8	5	6											
06	23	9903	11	10	04	12	15	83	8	02	2	8	5	6						10	55	931		14	10
07	02	9908	09	08	01	12	29	83	5	01	2	5	5	6	0	0									
07	05	9909	09	07	-01	12	26	83	7	02	2	7	5	6											
07	08	9901	08	06	-03	12	28	83	3	02	1	3	5	6	0	0									
07	11	9899	08	06	-02	12	31	83	3	03	1	0	0	9	5	0									
07	14	9901	06	05	-02	12	30	83	3	02	1	0	0	9	5	0									
07	17	9899	08	06	-01	12	31	83	2	36	3	0	0	9	5	0									
07	20	9918	06	04	-04	12	30	83	2	36	3	0	0	9	5	0									
07	23	9946	04	02	-07	13	20	83	0	00	3	0	0	9	0	0				12	45	680		11	04
08	02	9955	03	01	-05	12	31	00		39	3														
08	05	9980	02	00	01	12	17	00	3	36	3	0	0	9	5	0									
08	08	9955	-01	-01	-04	12	48	01		39	3														
08	11	9978	01	00	02	12	50	00	3	39	3	0	0	9	5	0									
08	14	9966	01	01	00	12	50	00	6	39	3	6	5	6											
08	17	9909	01	01	00	12	61	00		39	3														
08	20	9869	05	04	04	12	68	00		39	3														
08	23	9873	05	05	04	12	65	00		39	3									12	86	101		07	-01
09	02	9839	05	05	04	12	67	00		39	3														
09	05	9813	08	08	08	12	68	00		39	3														
09	08	9821	11	10	10	12	60	00		39	3														
09	11	9823	11	11	10	12	60	00		39	3														
09	14	9816	12	12	11	12	60	00		39	3														
09	17	9826	11	11	10	12	55	00		39	3														
09	20	9846	10	10	09	12	44	00		38	3														
09	23	9851	10	09	07	12	39	01	6	37	3	0	0	9	3	0						356		13	05

Results of Surface Observations, Mawson July, 1955

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	9860	09	08	04	12	40	00		38	3													
10	05	9871	09	08	03	12	35	82	2	36	3	0	0	9	0	8								
10	08	9874	09	07	-01	12	45	83	7	03	3	7	5	6										
10	11	9890	08	07	02	12	40	81	7	36	3	5	5	6	3		2	2						
10	14	9874	08	06	-01	12	37	81	8	02	3	6	5	6	3		2	2						
10	17	9873	08	06	-01	12	44	83	7	02	2	7	5	6	3									
10	20	9845	07	06	-03	12	52	83	4	01	2	4	5	6	0	0								
10	23	9827	03	03	-01	12	52	01	3	38	1	3	5	6	0	0				12	73	075		13	03
11	02	9780	07	06	03	13	58	00		38	3													
11	05	9757	07	07	05	13	52	00		38	3													
11	08	9754	08	07	02	13	52	82	8	38	3	8	5	6										
11	11	9728	08	07	00	14	66	81	8	38	3	8	6	4										
11	14	9711	11	08	02	14	61	81	8	02	3	8	6	4										
11	17	9699	10	08	00	15	63	81	8	02	3	8	6	4										
11	20	9693	12	10	01	15	52	81	8	02	2	8	6	4										
11	23	9690	09	07	00	15	52	81	8	02	2	8	6	4						14	96	398		12	03
12	02	9694	11	09	00	15	52	83	8	02	2	8	6	4										
12	05	9704	11	09	00	15	55	83	8	02	2	8	6	4										
12	08	9719	11	09	00	15	50	83	7	02	2	6	5	6	3									
12	11	9759	06	06	05	16	48	00	7	38	3	7	5	6										
12	14	9766	08	07	05	16	42	01	6	38	3	3	5	6	3	0								
12	17	9791	10	08	00	15	39	83	7	02	3	6	5	6	3									
12	20	9801	10	09	01	16	35	83	8	02	3	8	5	6										
12	23	9820	11	09	02	16	32	83	8	02	2	8	5	6						15	85	047		12	06
13	02	9832	11	09	00	16	34	83	8	02	2	8	5	6										
13	05	9849	11	09	00	15	26	83	7	01	2	7	5	6										
13	08	9861	13	11	02	14	24	83	3	01	1	1	5	6	7	0								
13	11	9870	10	08	00	16	34	83	7	01	1	6	5	6	3		2	2						
13	14	9888	11	09	-01	13	24	83	7	02	2	6	5	6	3		2							
13	17	9902	12	10	00	13	29	83	7	02	2	6	5	6	3									
13	20	9907	11	09	-01	13	26	83	7	02	1	7	5	6										
13	23	9924	10	08	-01	13	29	83	8	02	2	8	5	6						15	52	648		15	09
14	02	9933	10	08	-01	13	26	83	7	02	2	7	5	6										
14	05	9941	06	05	-03	16	20	83	4	01	1	4	5	6	0	0								
14	08	9942	02	01	-07	16	20	83	1	02	0	0	0	9	3	0								
14	11	9938	00	-01	-08	15	19	83	1	03	0	0	0	9	3	0								
14	14	9935	-02	-03	-11	15	20	83	1	02	0	0	0	9	3	0								
14	17	9932	-04	-05	-13	16	25	83	1	02	0	0	0	9	3	0								
14	20	9926	-02	-03	-12	18	11	83	0	02	0	0	0	9	0	0								
14	23	9921	-04	-05	-13	15	20	83	0	00	0	0	0	9	0	0				13	41	660		-11	-04
15	02	9919	-03	-04	-13	14	18	83	0	00	0	0	0	9	0	0								
15	05	9917	-06	-07	-16	15	23	83	0	00	0	0	0	9	0	0								
15	08	9913	-05	-06	-16	13	26	83	2	03	1	1	5	6	3	0								
15	11	9915	-03	-05	-15	13	27	83	8	02	2	7	5	6	3		2							
15	14	9917	-04	-05	-16	13	31	83	7	02	2	4	5	6	3									
15	17	9921	-04	-05	-16	13	30	83	7	02	2	4	5	6	3									
15	20	9931	-03	-05	-14	13	26	83	8	02	2	8	5	6										
15	23	9942	-05	-06	-20	15	20	83	2	01	2	2	5	6	0	0				13	40	592		-01	-06
16	02	9947	-07	-08	-21	14	21	83	0	00	0	0	0	9	0	0								
16	05	9950	-09	-10	-21	14	20	83	1	00	0	1	5	6	0	0								
16	08	9942	-12	-13	-23	13	21	83	1	00	0	1	5	6	0	0								
16	11	9940	-09	-11	-23	14	22	83	1	00	0	1	5	6	0	0								
16	14	9941	-15	-15	-26	16	22	83	1	00	0	1	5	6	0	0								
16	17	9935	-13	-14	-24	13	26	83	1	00	0	1	5	6	0	0								
16	20	9922	-13	-14	-24	12	31	83	0	00	0	0	0	9	0	0								
16	23	9916	-14	-14	-24	12	34	83	0	00	0	0	0	9	0	0				13	44	552		-04	-15
17	02	9924	-14	-15	-24	13	34	83	3	03	0	0	0	9	3	0								
17	05	9917	-13	-13	-20	13	35	82	8	02	2	0	0	9	3									
17	08	9922	-12	-12	-22	14	31	82	7	70	3	7	5	5										
17	11	9934	-10	-11	-19	14	25	83	2	01	2	1	5	6	3	0								
17	14	9922	-11	-12	-21	14	24	83	2	00	0	1	5	6	3	0								
17	17	9928	-09	-10	-19	14	24	83	3	03	0	2	5	6	3	0								
17	20	9923	-08	-09	-19	14	22	83	1	02	1	1	5	6	3	0								
17	23	9920	-09	-10	-19	13	20	83	1	00	0	1	5	6	3	0				13	48	632		-08	-14
18	02	9926	-10	-10	-19	15	17	83	0	00	0	0	0	9	0	0								
18	05	9926	-12	-13	-23	15	26	83	0	00	0	0	0	9	0	0								
18	08	9926	-13	-14	-24	15	26	83	0	00	0	0	0	9	0	0								
18	11	9928	-13	-14	-23	16	26	83	1	03		0	0	9	0	0								
18	14	9928	-09	-10	-21	14	26	83	0	00	0	0	0	9	0	0								
18	17	9942	-14	-15	-24	16	26	83	0	00	0	0	0	9	0	0								
18	20	9950	-13	-14	-24	16	30	83	0	00	0	0	0	9	0	0								
18	23	9956	-13	-14	-24	16	23	83	0	00	0	0	0	9	0	0				15	38	551		-08	-14

Results of Surface Observations, Mawson July, 1955

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
19	02	9964	-15	-16	-24	15	25	83	0	00	0	0	0	0	9	0									
19	05	9968	-13	-14	-24	15	17	83	0	00	0	0	0	9	9	0									
19	08	9973	-15	-16	-26	15	22	83	1	00	0	1	5	6	3	0									
19	11	9970	-14	-15	-26	13	26	83	2	00	0	1	5	6	3	0									
19	14	9964	-13	-14	-24	13	25	83	2	00	0	1	5	6	3	0									
19	17	9953	-13	-14	-25	13	26	83	1	00	0	1	5	6	0	0									
19	20	9943	-17	-18	-27	15	23	83	1	00	0	1	5	6	0	0									
19	23	9916	-17	-17	-25	15	18	83	0	00	0	0	0	9	0	0				13	38	509		-10	-17
20	02	9888	-14	-15	-22	25	12	83	0	00	0	0	0	9	0	0									
20	05	9862	-17	-18	-25	00	00	83	0	00	0	0	0	9	0	0									
20	08	9832	-18	-19	-25	00	00	83	0	00	0	0	0	9	0	0									
20	11	9792	-19	-20	-26	00	00	83	0	00	0	0	0	9	0	0									
20	14	9776	-20	-21	-26	00	00	83	0	00	0	0	0	9	0	0									
20	17	9753	-21	-21	-26	23	05	83	0	00	0	0	0	9	0	0									
20	20	9739	-09	-10	-16	12	09	83	0	00	0	0	0	9	0	0									
20	23	9751	-09	-10	-19	09	09	83	0	00	0	0	0	9	0	0				04	35	150		-07	-22
21	02	9762	-11	-12	-19	13	38	80	0	36	0	0	0	9	0	0									
21	05	9774	-10	-11	-21	13	25	82	0	36	0	0	0	9	0	0									
21	08	9800	-09	-10	-18	14	31	83	0	36	3	0	0	9	0	0									
21	11	9833	-09	-10	-18	14	23	83	1	36	3	1	5	6	0	0									
21	14	9870	-08	-09	-18	14	27	83	0	36	3	1	5	6	0	0									
21	17	9926	-10	-11	-21	13	23	83	2	02	3	2	5	6	0	0									
21	20	9963	-11	-11	-21	29	10	83	0	00	0	0	0	9	0	0									
21	23	9993	-11	-12	-21	04	08	83	0	00	0	0	0	9	0	0				14	59	533		-07	-14
22	02	0013	-10	-11	-21	18	15	83	0	00	0	0	0	9	0	0									
22	05	0026	-11	-12	-19	12	25	83	0	00	0	0	0	9	0	0									
22	08	0034	-09	-10	-18	14	17	83	0	00	0	0	0	9	0	0									
22	11	0035	-07	-08	-19	04	06	83	1	00	0	1	5	6	0	0									
22	14	0040	-09	-10	-18	18	13	83	1	00	0	1	5	6	0	0									
22	17	0031	-11	-12	-20	16	22	83	1	00	0	1	5	6	0	0									
22	20	0023	-12	-13	-21	16	26	83	1	00	0	1	5	6	0	0									
22	23	0014	-12	-13	-21	16	28	83	1	00	0	1	5	6	0	0				17	42	345		-06	-13
23	02	0008	-09	-10	-19	15	26	83	1	00	0	1	5	6	0	0									
23	05	0023	-09	-09	-18	16	07	83	1	00	0	1	5	6	0	0									
23	08	0024	-04	-05	-16	23	05	83	1	00	0	1	5	6	0	0									
23	11	0023	-07	-07	-18	09	05	83	1	00	0	1	0	9	5	0									
23	14	0032	-08	-09	-16	16	10	83	7	03	1	0	0	9	5	0									
23	17	0033	-08	-09	-20	18	09	83	1	00	0	0	0	9	5	0									
23	20	0030	-09	-10	-18	16	25	83	0	00	0	0	0	9	0	0									
23	23	0011	-07	-08	-15	13	27	83	0	00	0	0	0	9	0	0				14	41	347		-03	-12
24	02	0013	-01	-02	-11	13	24	82	0	00	0	0	0	9	0	0									
24	05	0006	-02	-03	-10	12	30	82	6	03	1	0	0	9	0	7									
24	08	9976	-01	-02	-08	12	35	80	7	38	3	0	0	9	1										
24	11	9962	-01	-02	-08	13	33	81	8	38	3	0	0	9	2										
24	14	9941	01	-00	-06	14	33	81	8	36	3	0	0	9	2										
24	17	9913	04	02	-05	13	33	81	8	36	3	0	0	9	1										
24	20	9890	06	04	-04	13	31	83	8	02	3	0	0	9	1										
24	23	9880	05	05	-00	13	23	83	8	02	2	0	0	9	2					13	49	673		07	-02
25	02	9868	06	04	-04	13	25	83	8	02	2	0	0	9	2										
25	05	9866	06	04	-05	13	24	83	6	01	2	0	0	9	2	0									
25	08	9874	07	04	-07	05	12	83	5	01	2	0	0	9	7	0									
25	11	9884	05	03	-09	12	15	83	8	02	2	0	0	9	7										
25	14	9901	01	-00	-12	14	19	83	6	02	1	0	0	9	2	2									
25	17	9915	-01	-02	-13	14	23	83	2	01	1	0	0	9	2	0									
25	20	9928	-03	-04	-16	14	19	83	1	00	0	0	0	9	3	0									
25	23	9935	-06	-07	-16	15	15	83	1	00	0	0	0	9	3	0				13	35	388		09	-06
26	02	9935	-06	-07	-16	00	00	83	0	00	0	0	0	9	0	0									
26	05	9940	-07	-08	-20	13	12	83	0	00	0	0	0	9	0	0									
26	08	9938	-09	-10	-21	10	06	83	0	00	0	0	0	9	0	0									
26	11	9931	-08	-09	-21	09	10	83	1	00	0	0	0	9	3	0									
26	14	9934	-09	-10	-21	16	15	83	1	00	0	0	0	9	3	0									
26	17	9929	-10	-11	-23	00	00	83	1	00	0	0	0	9	3	0									
26	20	9924	-13	-14	-24	16	28	83	0	00	0	0	0	9	0	0									
26	23	9920	-12	-13	-25	16	14	83	0	00	0	0	0	9	0	0				16	32	243		-04	-13
27	02	9910	-13	-14	-26	16	23	83	0	00	0	0	0	9	0	0									
27	05	9904	-13	-13	-24	16	31	83	0	00	0	0	0	9	0	0									
27	08	9902	-10	-11	-23	16	31	83	0	00	0	0	0	9	0	0									
27	11	9903	-03	-05	-16	12	32	83	3	03	0	3	5	6	0	0									
27	14	9904	-02	-03	-11	12	28	83	4	02	1	4	5	6	0	0									
27	17	9913	-01	-02	-10	13	17	83	7	02	2	7	5	6											
27	20	9906	04	02	-07	13	26	83	8	02	2	8	5	6											
27	23	9910	04	02	-08	13	26	83	7	02	2	7	5	6						14	49	564		05	-14

Results of Surface Observations,
Mawson July, 1955

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	02	9911	03	01	-09	13	26	83	5	01	2	5	5	7	0	0									
28	05	9919	-03	-04	-14	15	29	83	1	01	0	1	5	7	0	0									
28	08	9929	-04	-05	-16	15	33	83	0	00	0	0	0	9	0	0									
28	11	9938	-05	-06	-16	16	24	83	0	00	0	0	0	9	0	0									
28	14	9939	-05	-06	-16	16	27	83	2	03	0	0	0	9	7	0									
28	17	9949	-04	-06	-16	00	00	83	8	03	1	0	0	9	7										
28	20	9950	-04	-05	-15	00	00	83	8	02	2	0	0	9	1										
28	23	9936	-01	-02	-13	00	00	83	8	03	2	0	0	9	1					15	45	439		05	-06
29	02	9912	-01	-03	-13	12	23	83	8	02	2	0	0	9	1										
29	05	9873	-00	-02	-10	10	32	83	8	02	2	0	0	9	1										
29	08	9829	01	00	00	09	30	01	8	37	3	0	0	9	2										
29	11	9765	00	00	-01	11	49	00	8	39	3	0	0	9	2										
29	14	9737	03	03	03	11	50	00	8	39	3	0	0	9	2										
29	17	9733	03	03	03	11	55	00		39	3														
29	20	9713	04	04	04	11	60	00		39	3														
29	23	9709	05	05	05	11	65	00		39	3									11	67	044		07	-04
30	02	9751	05	05	05	11	50	00		39	3														
30	05	9747	06	06	05	11	55	00		37	3														
30	08	9745	07	07	06	11	50	01		37	3														
30	11	9747	07	07	05	11	35	02	7	37	3	0	0	9	7										
30	14	9731	05	05	03	11	39	04	2	37	3	0	0	9	7	0									
30	17	9725	05	05	03	11	44	04	7	37	3	0	0	9	7										
30	20	9717	06	05	01	11	45	01	8	37	3	0	0	9	7										
30	23	9714	06	05	01	11	48	40	7	36	3	0	0	9	7					11	55	041		08	04
31	02	9727	06	05	-01	11	44	08	6	38	3	0	0	9	7	0									
31	05	9732	07	05	-01	12	37	48	7	02	2	0	0	9	7										
31	08	9747	07	06	00	12	35	83	8	02	2	0	0	9	2										
31	11	9760	07	05	00	13	28	83	8	02	2	8	6	4			3								
31	14	9775	07	06	00	13	28	83	8	02	2	7	6	4	2		3								
31	17	9791	07	06	00	13	25	83	8	02	2	7	6	4	2		3								
31	20	9806	05	04	-01	13	19	83	8	02	2	8	6	4			3								
31	23	9821	05	04	-01	13	17	83	8	02	2	8	6	4						12	54	733		08	00

Results of Surface Observations,
Mawson August, 1955

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	9829	05	04	-02	12	14	83	8	02	2	8	6	4											
01	05	9829	02	01	-05	13	16	83	8	02	2	8	6	4											
01	08	9832	01	00	-07	13	18	83	5	01	1	0	5	9	7	0									
01	11	9839	-03	-04	-12	14	22	83	5	03	1	0	5	7	7	1									
01	14	9858	-04	-05	-12	14	22	83	6	02	1	0	5	9	1	0									
01	17	9880	-07	-08	-16	14	25	83	3	01	1	0	5	6	1	0									
01	20	9898	-09	-09	-16	14	24	83	0	01	1	0	5	9	0	0									
01	23	9906	-11	-12	-18	15	23	83	1	01	0	1	5	6	0	0				12	38	437		+07	-11
02	02	9912	-12	-12	-19	15	22	83	2	02	1	1	5	6	3	0									
02	05	9911	-11	-11	-19	14	21	83	2	02	0	1	6	7	3	0									
02	08	9900	-08	-09	-19	12	21	83	2	02	0	1	6	7	3	0									
02	11	9883	-08	-09	-19	12	33	83	7	03	2	1	6	7	2	2									
02	14	9863	-08	-09	-16	11	38	83	8	36	2	1	0	9	2	2									
02	17	9875	-06	-07	-15	12	32	83	8	02	1	0	0	9	2	2									
02	20	9885	-07	-08	-17	14	17	83	5	01	0	0	0	9	1	2									
02	23	9911	-10	-11	-19	22	17	83	1	00	0	0	0	9	0	8				12	51	599		+05	+12
03	02	9929	-12	-13	-21	15	20	83	0	00	0	0	0	9	0	0									
03	05	9944	-14	-15	-22	15	18	83	0	00	0	0	0	9	0	0									
03	08	9957	-14	-15	-22	16	07	83	0	00	0	0	0	9	0	0									
03	11	9978	-11	-12	-21	09	13	83	1	00	0	1	5	6	0	0									
03	14	0004	-14	-15	-22	10	10	83	7	03	1	1	5	6	7			6							
03	17	0025	-13	-14	-21	09	02	83	8	02	2	1	0	9	7			6							
03	20	0037	-09	-09	-18	12	24	83	8	02	2	0	0	9	1			6							
03	23	0050	-06	-07	-16	10	23	83	8	02	2	0	0	9	1					12	34	311		06	-15
04	02	0037	-05	-05	-14	10	20	83	8	02	2	0	0	9	2										
04	05	0016	-05	-06	-10	08	16	32	8	71	7	0	0	9	2										
04	08	9974	02	01	-01	10	28	01	8	37	7	0	0	9	2										
04	11	9992	03	02	01	09	12	08	8	71	7	0	0	9	2										
04	14	9984	00	-00	-04	10	17	83	1	01	1	0	5	5	0	0									
04	17	9976	-02	-03	-06	13	16	83	1	02	0	0	0	9	3	0									
04	20	9941	00	-00	-04	10	26	83	4	03	0	0	0	9	3	0									
04	23	9908	03	02	-02	11	25	83	0	36	3	0	0	9	0	0				10	38	454		04	+06
05	02	9859	03	02	00	14	26	16	8	36	3	0	0	9	1										
05	05	9820	07	06	02	12	25	48	8	36	3	0	0	9	7										
05	08	9824	04	03	00	12	30	82	3	36	3	0	0	9	3	0									
05	11	9821	05	04	-01	12	28	82	7	36	3	0	0	5	7										
05	14	9827	04	04	00	14	31	04	7	36	3	5	0	9	7										
05	17	9860	04	02	-05	22	08	83	7	02	3	0	0	9	7										
05	20	9886	01	-02	-09	14	20	83	7	02	2	0	0	9	7										
05	23	9904	-02	-03	-10	14	20	83	3	02	2	0	0	9	1					12	45	520		08	-03
06	02	9923	-01	-02	-11	12	19	83	3	01	2	0	0	9	3	8									
06	05	9935	-01	-02	-11	12	26	83	8	02	3	0	0	9	3										
06	08	9940	-00	-01	-07	12	28	83	8	36	3	0	0	9	2										
06	11	9948	-00	-01	+07	11	28	83	6	36	3	0	0	9	7	0									
06	14	9958	00	-01	-07	11	21	83	6	03	3	0	0	9	7	9									
06	17	9956	03	02	-05	10	27	83	7	36	3	1	0	5	7			1							
06	20	9947	04	03	-04	10	22	83	2	01	3	1	0	0	5	0									
06	23	9948	07	06	-01	09	17	83	7	03	1	0	0	9	7					12	37	561		07	+04
07	02	9940	08	07	01	08	14	83	8	02	2	0	0	9	1										
07	05	9932	09	07	03	09	18	83	8	02	2	0	0	9	1										
07	08	9924	08	07	00	10	16	83	7	02	2	7	5	4											
07	11	9921	08	06	-01	12	19	83	7	02	2	4	5	4	4			2							
07	14	9920	06	05	-04	13	16	83	6	01	2	4	5	5	3	2	2	2							
07	17	9924	03	02	-06	11	30	83	6	36	2	1	5	5	3	2		2							
07	20	9931	03	01	-06	11	24	83	1	02	2	1	5	5	0	0									
07	23	9930	04	02	-08	11	28	83	2	36	0	1	5	5	5	0				11	36	478		10	02
08	02	9930	04	02	-08	12	26	83	3	02	1	0	5	9	6	2									
08	05	9930	06	04	-06	12	24	83	5	03	1	0	5	9	6	0									
08	08	9930	08	06	-03	12	17	83	7	02	2	1	5	5	6			2							
08	11	9922	05	03	-06	11	23	83	6	01	2	2	5	5	7	0	2	2							
08	14	9914	11	09	-02	10	22	83	2	01	0	2	5	5	7	0	2								
08	17	9912	14	12	03	12	22	83	7	03	1	2	6	5	7	5	2								
08	20	9912	15	13	06	12	31	83	8	36	2	3	8	5	7										
08	23	9919	18	15	03	13	31	82	8	38	3	8	5	7						13	44	552		18	03
09	02	9929	14	12	06	12	34	40	0	36	0	0	0	9	0	0									
09	05	9950	15	13	04	12	31	40	0	36	0	0	0	9	0	0									
09	08	9958	15	13	01	11	34	83	7	02	2	6	5	5	3										
09	11	9969	17	14	04	12	35	83	7	02	2	7	5	7			2								
09	14	9985	16	14	07	12	37	83	5	36	2	4	5	7	3		2								
09	17	9992	15	12	01	12	39	83	7	36	3	6	5	7	3		2								
09	20	0001	11	09	00	12	32	83	3	36	3	3	5	3	0	0									
09	23	9998	10	08	-01	13	33	83	7	02	3	7	5	3						12	53	762		19	09

Results of Surface Observations, Mawson August, 1955

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	9996	13	10	03	12	26	83	0	02	0	0	0	9	0	0									
10	05	9994	12	09	-02	13	26	83	0	00	0	0	0	9	0	0									
10	08	9982	12	09	-02	14	31	83	0	00	0	0	0	9	0	0									
10	11	9967	16	13	02	14	25	83	1	02	0	0	0	9	5	0									
10	14	9972	16	13	02	12	26	83	1	02	0	0	0	9	5	0									
10	17	9962	20	16	01	13	26	83	2	02	0	0	0	9	5	0									
10	20	9977	16	13	-01	09	09	83	0	00	0	0	0	9	0	0									
10	23	9976	16	13	-01	18	09	83	0	00	0	0	0	9	0	0				12	45	507		21	09
11	02	9965	14	11	-02	14	22	83	0	00	0	0	0	9	0	0									
11	05	9967	10	08	-05	20	22	83	0	00	0	0	0	9	0	0									
11	08	9984	16	13	-03	18	30	83	3	00	0	0	0	9	5	0									
11	11	9992	09	07	-04	18	14	83	5	03	1	0	0	9	5	0									
11	14	0020	10	08	-02	36	09	83	3	02	1	0	0	9	5	0									
11	17	0021	08	06	-04	25	14	83	2	02	1	0	0	9	5	0									
11	20	0027	09	07	-03	17	02	83	0	00	0	0	0	9	0	0									
11	23	0019	11	08	-03	13	25	83	0	00	0	0	0	9	0	0				18	46	315		18	05
12	02	0017	11	09	-03	16	26	83	0	00	0	0	0	9	0	0									
12	05	0020	10	08	-02	17	26	83	0	00	0	0	0	9	0	0									
12	08	0015	11	09	-05	16	31	83	0	00	0	0	0	9	0	0									
12	11	0013	11	09	-03	15	25	83	0	00	0	0	0	9	0	0									
12	14	9999	12	09	-02	02	10	83	0	00	0	0	0	9	0	0									
12	17	9980	11	09	-01	07	22	83	1	00	0	0	0	9	0	5			6						
12	20	9982	14	12	01	09	35	83	0	02	3	0	0	9	0	0									
12	23	9959	15	12	01	15	32	83	0	02	0	0	0	9	0	0				06	59	449		16	04
13	02	9954	15	11	-02	20	12	83	0	00	0	0	0	9	0	0									
13	05	9949	15	11	-02	29	05	83	0	00	0	0	0	9	0	0									
13	08	9944	13	10	01	15	38	83	1	00	0	0	0	9	0	5									
13	11	9976	14	11	-03	26	12	83	0	00	0	0	0	9	0	0									
13	14	0007	14	11	-03	08	17	83	0	00	0	0	0	9	0	0									
13	17	0048	05	04	-02	08	06	80	1	05	0	0	0	9	3	0									
13	20	0071	01	01	-03	10	06	83	0	00	0	0	0	9	0	0									
13	23	0100	03	01	-08	12	17	83	0	00	0	0	0	9	0	0				13	52	238		19	01
14	02	0115	00	-02	-08	14	15	83	0	00	0	0	0	9	0	0									
14	05	0123	05	-06	-15	09	09	83	0	00	0	0	0	9	0	0									
14	08	0111	07	-07	-13	09	04	83	0	00	0	0	0	9	0	0									
14	11	0092	08	-09	-16	00	00	83	0	00	0	0	0	9	0	0									
14	14	0069	07	-07	-15	00	00	83	0	00	0	0	0	9	0	0									
14	17	0039	10	-11	-17	22	08	83	1	00	0	0	0	9	0	5									
14	20	0011	03	-04	-15	00	00	83	0	00	0	0	0	9	0	0									
14	23	9973	01	-01	-14	19	12	83	0	00	0	0	0	9	0	0				12	21	136		03	-12
15	02	9953	00	-01	-16	00	00	83	0	00	0	0	0	9	0	0									
15	05	9935	-02	-04	-16	14	20	83	0	00	0	0	0	9	0	0									
15	08	9929	-06	-07	-19	08	08	83	0	00	0	0	0	9	0	0									
15	11	9925	-03	-05	-18	10	28	83	0	00	0	0	0	9	0	0									
15	14	9934	-06	-07	-19	11	23	83	0	00	0	0	0	9	0	0									
15	17	9940	-06	-07	-21	12	22	83	0	00	0	0	0	9	0	0									
15	20	9955	-08	-09	-23	11	27	83	0	00	0	0	0	9	0	0									
15	23	9975	-06	-07	-22	11	22	83	0	00	0	0	0	9	0	0				12	33	401		03	-10
16	02	9986	-06	-08	-22	12	26	83	0	00	0	0	0	9	0	0									
16	05	0001	-04	-06	-20	12	26	83	0	00	0	0	0	9	0	0									
16	08	0014	-03	-05	-19	12	23	83	0	00	0	0	0	9	0	0									
16	11	0028	-03	-05	-19	11	25	83	0	00	0	0	0	9	0	0									
16	14	0038	-01	-03	-15	10	17	83	0	00	0	0	0	9	0	0									
16	17	0044	-02	-04	-15	08	15	83	0	00	0	0	0	9	0	0									
16	20	0046	-08	-09	-17	07	10	83	2	02	1	0	0	9	3	0		3							
16	23	0047	-06	-07	-13	00	00	83	7	03	2	0	0	9	3					12	38	459		02	-09
17	02	0033	-05	-05	-12	00	00	83	4	02	1	0	0	9	3										
17	05	0020	-04	-05	-11	00	00	83	0	01	0	0	0	9	0	0									
17	08	9996	02	00	-10	00	00	83	5	02	0	5	5	7	0	0									
17	11	9972	01	00	-07	23	04	83	6	02	2	6	5	6	0	0									
17	14	9958	10	09	03	00	00	81	8	02	7	8	5	6											
17	17	9949	11	10	07	04	06	81	8	70	7	8	5	5											
17	20	9948	13	11	05	08	08	83	8	02	2	8	5	5											
17	23	9940	12	10	05	14	02	83	2	01	2	2	5	5	0	0				06	21	103		14	-06
18	02	9938	13	11	03	19	05	83	0	00	0	0	0	9	0	0									
18	05	9942	09	08	06	15	17	83	0	00	0	0	0	9	0	0									
18	08	9962	08	06	-03	16	25	83	5	03	1	4	5	6	3	0									
18	11	9986	11	08	-04	14	12	83	2	01	1	1	5	6	3	0	2								
18	14	0013	11	09	-05	14	27	83	1	02	0	1	5	6	0	0	2								
18	17	0055	10	07	-08	13	35	83	1	02	0	1	5	6	0	0									
18	20	0084	08	05	-08	12	33	83	1	02	0	1	5	6	0	0									
18	23	0105	08	06	-08	12	35	83	1	02	0	1	5	6	0	0				12	45	451		14	06

Results of Surface Observations,
Mawson August, 1955

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	0131	07	05	-07	12	34	83	1	02	0	1	5	6	0	0									
19	05	0134	08	06	-05	12	30	83	1	00	0	0	0	9	3	0									
19	08	0134	08	06	-05	12	34	83	1	00	0	0	0	9	3	0									
19	11	0132	10	07	-05	12	24	83	1	00	0	0	0	9	5	0									
19	14	0128	11	08	-04	13	16	83	5	03	1	0	0	9	5	0									
19	17	0120	10	08	-04	12	20	83	5	02	1	0	0	9	7	0									
19	20	0110	10	08	-04	12	25	83	1	01	1	0	0	9	3	0									
19	23	0094	06	04	-04	14	31	83	1	02	0	0	0	9	3	0				12	42	603		14	06
20	02	0078	05	03	-04	15	42	81	0	38	0	0	0	9	0	0									
20	05	0054	08	06	-05	14	38	83	0	00	0	0	0	9	0	0									
20	08	0040	08	05	-06	14	31	83	1	00	0	0	0	9	3	0									
20	11	0017	10	08	-04	14	30	83	7	03	1	0	0	9	1										
20	14	9996	11	09	-04	14	26	83	8	02	2	0	0	9	1										
20	17	9976	14	11	-03	13	27	83	8	02	2	0	0	9	1										
20	20	9965	12	10	-01	13	28	83	3	01	1	0	0	9	1	0									
20	23	9952	08	05	-08	14	26	83	1	01	1	0	0	9	1	0				14	52	670		16	04
21	02	9937	10	07	-10	12	31	83	5	02	1	0	0	9	1	0									
21	05	9931	07	05	-10	12	27	83	3	02	1	0	0	9	1	0									
21	08	9929	07	04	-09	12	28	83	1	02	1	0	0	9	0	2									
21	11	9927	07	05	-10	12	28	83	4	02	1	0	0	9	0	2									
21	14	9925	10	07	-08	12	22	83	1	03	1	0	0	9	5	2									
21	17	9919	06	04	-09	12	30	83	5	03	1	0	0	9	5										
21	20	9918	11	09	-03	12	30	83	7	03	1	0	0	9	5										
21	23	9908	15	12	03	12	32	83	8	03	2	0	0	9	2					12	44	649		15	05
22	02	9908	17	14	06	12	25	83	8	02	2	0	0	9	2										
22	05	9903	18	16	06	12	39	83	8	02	2	0	0	9	2										
22	08	9902	16	15	10	12	37	83	5	38	2	5	5	7	0	0	1								
22	11	9911	17	14	07	12	35	83	6	36	3	6	5	6	0	0	1								
22	14	9911	20	16	05	12	48	83	7	02	3	7	5	6			1								
22	17	9922	17	15	09	12	47	83	7	36	3	6	5	6	0	9	1								
22	20	9925	19	15	01	12	51	83	8	02	3	8	5	6											
22	23	9935	20	17	06	12	44	83	7	02	1	5	5	6	1					12	74	023		20	15
23	02	9948	20	16	06	12	44	83	6	02	1	0	0	9	1	0									
23	05	9961	18	15	06	12	43	83	6	02	1	0	0	9	1	0									
23	08	9967	18	16	10	12	46	83	5	02	1	2	5	6	7	0		2							
23	11	9991	22	18	09	13	26	83	7	02	2	7	5	7			2								
23	14	9997	20	16	06	14	30	83	7	02	2	6	5	6	3		2								
23	17	0002	20	17	07	15	25	83	7	02	2	7	5	7											
23	20	0012	18	15	05	14	25	83	7	02	2	7	5	7											
23	23	0014	17	14	04	12	21	83	2	01	2	1	5	7	3	0		3		12	68	774		21	15
24	02	0025	12	10	00	14	20	83	0	00	0	0	0	9	0	0									
24	05	0030	11	08	-01	15	21	83	0	00	0	0	0	9	0	0									
24	08	0039	08	06	-04	15	17	83	0	00	0	0	0	9	0	0									
24	11	0042	14	11	00	13	21	83	1	00	0	0	0	9	0	8									
24	14	0053	11	09	-01	15	12	83	0	00	0	0	0	9	0	0									
24	17	0064	09	07	-03	35	07	83	0	00	0	0	0	9	0	0									
24	20	0067	07	05	-05	13	17	83	0	00	0	0	0	9	0	0									
24	23	0080	06	04	-06	16	07	83	0	00	0	0	0	9	0	0				14	33	351		17	05
25	02	0085	05	03	-08	20	04	83	0	00	0	0	0	9	0	0									
25	05	0093	03	01	-08	00	00	83	0	00	0	0	0	9	0	0									
25	08	0100	03	01	-09	20	02	83	1	00	0	0	0	9	0	2									
25	11	0105	04	03	-08	10	08	83	1	00	0	0	0	9	0	2									
25	14	0105	05	03	-05	07	04	83	1	00	0	0	0	9	0	8									
25	17	0104	04	02	-09	20	06	83	1	00	0	0	0	9	0	8									
25	20	0101	02	00	-10	13	04	83	1	00	0	0	0	9	0	8									
25	23	0098	02	00	-12	14	24	83	0	00	0	0	0	9	0	0				15	28	166		06	-01
26	02	0099	01	00	-12	27	05	83	1	00	0	0	0	9	0	8									
26	05	0106	00	-02	-13	00	00	83	1	00	0	0	0	9	0	8									
26	08	0113	-01	-02	-15	23	05	83	0	00	0	0	0	9	0	6									
26	11	0113	04	02	-11	15	26	83	0	00	0	0	0	9	0	6									
26	14	0115	06	04	-09	12	24	83	5	03	1	0	0	9	0	6									
26	17	0120	05	03	-07	12	26	83	4	02	1	0	0	9	0	5									
26	20	0125	10	08	-01	13	17	83	8	03	1	8	5	6											
26	23	0135	11	09	00	13	22	83	8	02	2	8	5	6						13	38	366		11	+02
27	02	0144	10	09	03	13	22	83	8	02	7	0	0	9	1										
27	05	0153	11	09	03	13	21	83	8	22	2	0	0	9	2										
27	08	0157	11	09	02	13	19	83	8	02	2	0	0	9	2										
27	11	0158	11	09	02	13	22	83	8	02	2	0	0	9	2										
27	14	0161	13	11	02	13	14	83	8	70	2	8	5	7											
27	17	0157	11	09	00	14	14	83	8	02	2	8	5	7											
27	20	0159	06	04	-04	15	18	83	5	01	2	5	5	7	0	0									
27	23	0149	-03	-04	-12	15	31	83	0	00	1	0	0	9	0	0				15	43	433		13	-03

Results of Surface Observations, Mawson August, 1955

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	0140	-04	-05	-13	15	37	83	0	00	0	0	0	9	0	0									
28	05	0135	-05	-05	-15	16	35	83	3	02	1	3	5	7	0	0									
28	08	0136	-05	-06	-15	16	30	83	2	02	0	1	5	7	0	2									
28	11	0126	-01	-02	-11	14	06	83	2	02	0	0	0	9	0	2									
28	14	0118	-01	-02	-11	14	20	83	1	02	0	0	0	9	0	5									
28	17	0110	01	-01	-09	09	05	83	1	02	0	1	5	6	0	0									
28	20	0103	-05	-07	-17	16	16	83	1	02	U	1	5	6	0	0				15	50	469		01	-08
28	23	0091	-06	-07	-18	00	00	83	0	00	0	0	0	9	0	0									
29	02	0088	-10	-11	-18	16	26	83	0	00	0	0	0	9	0	0									
29	05	0078	-08	-09	-19	16	22	83	0	00	0	0	0	9	0	0									
29	08	0083	-10	-11	-21	16	35	83	0	00	0	0	0	9	0	0									
29	11	0073	-05	-06	-17	15	26	83	1	00	0	1	5	6	0	0									
29	14	0081	-03	-05	-15	15	20	83	1	00	0	1	5	6	0	0									
29	17	0091	-04	-05	-17	13	03	83	1	00	0	0	0	9	0	0									
29	20	0089	-08	-07	-19	15	19	83	0	00	0	0	0	9	0	0				15	45	413		-03	-09
29	23	0095	-07	-08	-20	18	09	83	0	00	0	0	0	9	0	0									
30	02	0093	-09	-10	-21	15	16	83	2	02	0	0	0	9	9	1	0								
30	05	0099	-10	-11	-20	00	00	83	5	03	1	0	0	9	7	0		1							
30	08	0105	-09	-10	-18	18	08	83	8	02	2	0	0	9	7										
30	11	0099	-08	-09	-19	00	00	83	6	02	1	0	0	9	7	1									
30	14	0096	-06	-07	-16	14	09	83	6	02	2	0	0	9	7	0									
30	17	0083	-05	-06	-16	12	33	83	2	01	1	0	0	9	7	0									
30	20	0085	-07	-08	-18	12	34	83	3	03	1	0	0	9	5	0									
30	23	0078	-07	-08	-18	05	09	83	4	02	0	0	0	9	1	0				12	32	361		-03	-11
31	02	0058	-05	-06	-17	05	10	83	4	02	1	0	0	9	1	0									
31	05	0050	-03	-04	-16	08	12	83	4	02	1	0	0	9	1	0									
31	08	0047	-01	-02	-13	11	12	83	8	02	2	0	0	9	2										
31	11	0040	03	01	-10	12	16	83	8	02	2	0	0	9	2										
31	14	0026	05	03	09	10	20	83	8	02	2	0	0	9	2										
31	17	0012	05	03	09	11	22	83	8	02	2	0	0	9	2										
31	20	9992	05	03	09	11	32	83	8	02	2	0	0	9	2										
31	23	9968	05	03	07	11	35	83	8	02	2	0	0	9	1					11	48	446		06	-08

Results of Surface Observations, Mawson September 1955

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	9956	08	05	-07	12	35	83	8	02	2	0	0	9	1										
01	05	9948	08	06	-09	12	31	83	5	01	2	0	0	9	2	7									
01	08	9943	09	07	-07	12	26	83	8	02	2	0	0	9	6	7									
01	11	9935	10	07	-08	12	24	83	8	02	2	0	0	5	7	2	6								
01	14	9930	09	07	-07	12	28	83	8	02	2	7	5	7	7	7									
01	17	9926	09	06	-06	12	22	83	8	02	2	7	5	7	7										
01	20	9916	08	05	-07	11	22	83	7	02	2	7	5	7	7					13	46	611		10	05
01	23	9908	06	04	-09	13	17	83	7	02	1	3	5	7	8										
02	02	9899	03	01	-10	13	21	83	1	01	1	0	0	9	3	0									
02	05	9896	02	01	-08	14	17	83	1	00	0	0	0	9	3	0									
02	08	9891	02	00	-11	12	23	83	3	02	1	1	5	7	7	0									
02	11	9891	03	01	-12	13	31	83	6	03	1	0	0	9	7	0									
02	14	9894	05	03	-10	13	25	83	1	00	0	0	0	9	5	0									
02	17	9896	02	01	-12	12	27	83	1	00	0	0	0	9	7	0									
02	20	9900	02	00	-12	12	28	83	1	00	0	0	0	9	5	0				12	38	518		06	-01
02	23	9908	-01	-02	-13	14	19	83	1	00	0	0	0	9	4	0									
03	02	9909	-04	-05	-16	15	24	83	1	00	0	0	0	9	3	0									
03	05	9908	-02	-03	-15	15	22	83	1	00	0	0	0	9	3	0									
03	08	9907	-03	-05	-15	14	22	83	1	00	0	0	0	9	0	5									
03	11	9907	00	-02	-12	13	17	83	1	00	0	0	0	9	0	5									
03	14	9905	04	-02	-11	12	23	83	1	00	0	0	0	9	0	8									
03	17	9913	00	-02	-13	12	26	83	1	00	0	1	5	6	0	0									
03	20	9897	00	-02	-15	12	32	83	1	00	0	1	5	6	0	0				12	41	526		04	-04
03	23	9900	-01	-03	-15	13	21	83	2	02	0	2	5	6	0	0									
04	02	9892	-03	-05	-16	13	21	83	1	02	0	1	5	6	0	0									
04	05	9874	-06	-08	-19	14	26	83	1	00	0	1	5	6	0	0									
04	08	9856	-06	-07	-18	14	22	83	0	00	0	0	9	5	0	0									
04	11	9831	-01	-03	-14	12	18	83	1	00	0	1	5	6	0	0									
04	14	9814	01	-01	-12	12	22	83	0	00	0	0	5	9	0	0									
04	17	9793	01	-00	-12	12	22	83	0	00	0	0	0	9	0	0									
04	20	9778	-01	-02	-13	14	22	83	0	00	0	0	0	9	0	0				13	37	452		04	-06
04	23	9773	-01	-03	-15	14	14	83	0	00	0	0	0	9	0	0									
05	02	9774	-04	-05	-17	12	25	83	0	00	0	0	0	9	0	0									
05	05	9780	-01	-03	-14	13	27	83	0	00	0	0	0	9	0	0									
05	08	9790	-04	-06	-18	13	35	83	0	00	0	0	0	9	0	0									
05	11	9809	-03	-04	-16	12	31	83	2	03	0	1	5	6	0	0	1								
05	14	9822	-01	-03	-14	12	24	83	2	02	1	2	5	6	0	0									
05	17	9828	-03	-04	-16	13	25	83	1	02	0	1	5	6	0	0									
05	20	9834	-02	-03	-12	14	17	83	0	00	0	0	0	9	0	0				13	43	542		04	-09
05	23	9822	-04	-05	-18	13	25	83	0	00	0	0	0	9	0	0									
06	02	9819	-07	-08	-19	24	10	83	0	00	0	0	0	9	0	0									
06	05	9806	-07	-08	-21	21	22	83	0	00	0	0	0	9	0	0									
06	08	9780	-05	-06	-17	20	10	83	0	00	0	0	0	9	0	0									
06	11	9750	00	-01	-13	36	05	83	0	00	0	0	0	9	0	0									
06	14	9724	03	-01	-12	15	18	83	0	00	0	0	0	9	0	0									
06	17	9697	01	-02	-14	18	22	83	0	00	0	0	0	9	0	0									
06	20	9658	-04	-05	-18	16	27	83	0	00	0	0	0	9	0	0				16	40	275		04	-08
06	23	9643	-03	-05	-18	16	18	83	0	00	0	0	0	9	0	0									
07	02	9621	-05	-06	-17	15	12	83	0	00	0	0	0	9	0	0									
07	05	9612	-07	-08	-18	08	07	83	0	00	0	0	0	9	0	0									
07	08	9618	-08	-09	-19	00	00	83	0	00	0	0	0	9	0	0									
07	11	9625	-06	-07	-15	25	06	83	1	00	0	0	0	9	3	0									
07	14	9634	-06	-07	-14	09	02	83	4	03	0	0	0	9	0	6									
07	17	9680	-05	-06	-15	02	06	83	0	00	0	0	0	9	0	0									
07	20	9713	-09	-09	-14	18	05	83	0	00	0	0	0	9	0	0				17	28	104		-01	-11
07	23	9736	-11	-11	-14	10	05	83	0	00	0	0	0	9	0	0									
08	02	9756	-14	-14	-16	00	00	83	0	00	0	0	0	9	0	0									
08	05	9758	-12	-12	-14	23	04	83	0	00	0	0	0	9	0	0									
08	08	9747	-05	-06	-15	13	28	83	5	03	1	2	5	7	0	0	2	3							
08	11	9740	-00	-01	-12	12	29	83	6	02	2	3	5	7	0	0	2	3							
08	14	9744	-01	-02	-13	12	27	83	1	02	2	1	5	6	0	0	2								
08	17	9747	-05	-07	-16	14	17	83	2	02	1	1	5	9	0	1	2								
08	20	9738	-09	-09	-19	14	11	83	0	01	1	0	0	9	0	0				12	42	331		-00	-16
08	23	9718	-12	-13	-21	14	19	83	0	00	0	0	0	9	0	0									
09	02	9711	-13	-14	-20	00	00	83	0	00	0	0	1	9	0	0									
09	05	9690	-13	-14	-23	16	21	83	1	00	0	1	0	9	0	0									
09	08	9696	-11	-11	-21	12	14	83	0	00	0	0	0	9	0	0									
09	11	9699	-08	-09	-19	12	27	83	0	01	0	0	0	9	0	0									
09	14	9709	-02	-03	-14	12	26	83	1	02	0	0	0	9	0	0									
09	17	9717	-03	-04	-15	12	25	83	2	00	0	1	0	9	0	0									
09	20	9706	-08	-09	-19	12	38	83	1	00	0	0	0	9	0	0				12	52	494		-02	-17
09	23	9695	-09	-10	-21	12	38	83	1	00	0	0	0	9	0	5									

Results of Surface Observations, Mawson September 1955

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	9673	-11	-09	-20	12	40	83	2	02	0	0	0	9	0	5									
10	05	9644	-07	-08	-18	12	43	83	3	03	0	0	0	9	0	5									
10	08	9605	-07	-08	-18	12	39	83	8	02	2	0	0	9	7										
10	11	9534	-01	-02	-13	13	52	83	8	02	2	0	0	9	7										
10	14	9502	03	01	-09	14	44	83	7	01	2	0	0	9	7										
10	17	9459	06	04	-07	14	48	83	8	02	2	0	0	9	2										
10	20	9402	08	06	-03	14	60	83	8	02	2	0	0	9	2										
10	23	9377	10	09	06	13	57	80	8	38	3	0	0	9	2					13	82	182		10	-09
11	02	9362	09	09	07	13	60	01	8	39	3	0	0	9	2										
11	05	9385	08	08	07	12	54	00		39	3														
11	08	9405	09	09	08	13	57	00		39	3														
11	11	9420	10	10	09	13	50	00		39	3														
11	14	9459	10	10	09	12	44	00		39	3														
11	17	9492	11	11	10	12	45	00		39	3														
11	20	9522	12	12	11	12	48	00		39	3														
11	23	9549	12	12	11	12	50	00		39	3									13	79	267		12	08
12	02	9584	12	11	08	12	40	01		38	3														
12	05	9625	14	13	07	12	22	83	7	02	3	0	0	9	1										
12	08	9659	15	13	08	12	16	83	8	02	2	0	0	5	2										
12	11	9670	17	14	04	13	17	83	8	02	2	0	0	6	2										
12	14	9717	17	14	02	16	16	83	6	01	2	4	5	6	1	2									
12	17	9736	12	09	-03	13	21	83	6	01	1	2	5	6	5	8									
12	20	9748	07	05	-06	14	21	83	1	01	1	1	5	6	0	0									
12	23	9749	01	-00	-10	16	25	83	0	00	0	0	0	9	0	0						553		17	01
13	02	9746	-00	-02	-12	15	25	83	0	00	0	0	0	9	0	0									
13	05	9733	-01	-03	-13	14	18	83	0	00	0	0	0	9	0	0									
13	08	9715	-02	-03	-14	13	06	83	1	02	0	0	0	9	0	2									
13	11	9695	00	-01	-10	15	10	83	2	02	0	0	0	9	0	5									
13	14	9679	00	-01	-09	00	00	83	4	03	0	0	0	9	0	5									
13	17	9656	-05	-06	-09	00	00	83	6	03	2	0	0	9	0	6									
13	20	9643	-07	-07	-11	00	00	83	3	01	2	0	0	9	0	5									
13	23	9619	-04	-05	-11	00	00	83	8	03	2	0	0	9	0	6				15	30	185		03	-08
14	02	9603	-04	-05	-17	16	25	83	8	02	2	0	0	9	0	6									
14	05	9594	-03	-04	-14	15	19	83	8	02	2	0	0	9	0	6									
14	08	9576	01	-01	-14	13	28	83	8	02	2	0	0	9	7										
14	11	9566	00	-01	-07	13	33	08	8	71	2	0	0	5	2										
14	14	9558	02	02	01	12	32	01	8	39	7	0	0	5	2										
14	17	9583	03	02	-01	12	20	04	8	36	3	8	6	4											
14	20	9610	01	00	-07	12	18	82	8	36	3	7	6	5	1										
14	23	9622	00	-01	-07	13	18	82	8	02	2	8	6	5						12	52	478		04	-05
15	02	9622	-03	-04	-11	12	23	82	8	02	2	0	0	9	2										
15	05	9616	-05	-05	-08	12	29	00	8	38	3	0	0	9	2										
15	08	9599	-06	-06	-11	13	37	08	8	38	3	0	0	9	7										
15	11	9605	-05	-05	-09	12	40	08	5	38	3	0	0	9	7	0									
15	14	9645	-01	-03	-09	14	21	83	1	01	3	0	0	9	3	0									
15	17	9667	-04	-05	-12	14	28	83	1	02	0	0	0	9	3	0									
15	20	9714	-06	-07	-14	14	17	83	1	02	0	0	0	9	5	0									
15	23	9730	-08	-09	-15	00	00	83	0	00	0	0	0	9	0	0				12	55	548		-01	-08
16	02	9764	-10	-11	-17	20	12	83	0	00	0	0	0	9	0	0									
16	05	9796	-10	-10	-15	00	00	83	1	00	0	0	0	9	0	5									
16	08	9815	-07	-07	-15	00	00	83	2	00	0	0	0	9	0	5									
16	11	9833	-07	-07	-15	00	00	83	8	03	1	0	0	9	2	7									
16	14	9842	-03	-04	-11	06	02	83	8	02	2	0	0	8	2										
16	17	9842	-01	-03	-12	18	02	83	6	01	2	0	0	8	1	8									
16	20	9847	-02	-03	-12	16	02	83	6	02	2	0	0	8	1	8									
16	23	9846	-01	-03	-13	25	06	83	8	03	2	0	0	8	1					10	18	093		-01	-11
17	02	9842	-01	-02	-11	19	06	83	4	01	1	0	0	8	1	0									
17	05	9825	-05	-06	-14	15	06	83	2	02	0	0	0	8	1	0									
17	08	9805	-06	-07	-14	21	03	83	1	02	0	0	0	8	5	0									
17	11	9785	-01	-03	-13	04	03	83	1	02	0	0	0	9	5	0									
17	14	9760	-02	-03	-12	06	03	83	1	02	0	0	0	9	5	0									
17	17	9744	-04	-05	-10	00	00	83	1	02	0	0	0	9	5	0									
17	20	9725	-10	-10	-14	24	04	83	4	03	0	0	0	9	5	9									
17	23	9705	-03	-04	-13	16	20	83	8	03	1	0	0	9	2					15	32	115		02	-10
18	02	9684	-04	-05	-13	21	13	83	8	02	2	0	0	9	2										
18	05	9667	-07	-08	-16	16	25	83	0	01	1	0	0	9	0	0									
18	08	9668	-10	-11	-21	15	28	83	1	02	0	0	0	8	3	0									
18	11	9670	-05	-06	-17	18	11	83	0	00	0	0	0	9	0	0									
18	14	9686	-05	-06	-15	25	06	83	0	00	0	0	0	9	0	0									
18	17	9669	-05	-06	-14	06	04	83	1	05	0	0	0	9	0	5									
18	20	9692	-10	-11	-18	09	12	83	1	02	0	0	0	8	4	0									
18	23	9720	-09	-10	-20	34	03	83	1	02	0	0	0	8	4	0				16	40	264		-02	-10

Results of Surface Observations,
Mawson September 1955

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	9737	-10	-11	-19	15	13	83	1	02	0	0	0	8	4	0									
19	05	9758	-13	-13	-21	00	00	83	1	02	0	0	0	8	4	0									
19	08	9782	-13	-14	-21	00	00	83	1	02	0	0	0	8	0	5									
19	11	9814	-09	-10	-17	29	02	83	1	03	1	5	8	8	3	6									
19	14	9847	-05	-06	-16	19	05	83	2	02	2	0	0	0	1										
19	17	9863	-03	-04	-12	12	04	83	2	02	2	0	0	0	2										
19	20	9860	-05	-05	-07	11	39	00	8	39	7	3			2										
19	23	9840	-06	-06	-08	12	44	00		39	3									11	56	268		-01	-15
20	02	9847	-03	-03	-04	12	44	00		39	3														
20	05	9884	-02	-02	-03	12	50	00		38	3														
20	08	9877	01	01	00	12	40	00		38	3														
20	11	9885	03	03	02	11	40	00	8	38	3	8	6	4											
20	14	9894	05	05	03	11	44	00	8	38	3	8	6	4											
20	17	9897	05	05	03	12	45	00	8	38	3	8	6	4											
20	20	9896	05	05	03	11	40	00	8	38	3	8	6	4											
20	23	9864	07	07	05	12	52	00		38	3											096		08	-07
21	02	9846	08	07	06	12	52	00		39	3														
21	05	9840	09	09	07	12	57	00		39	3														
21	08	9827	10	09	09	12	57	00		39	3														
21	11	9825	10	10	09	13	57	00		39	3														
21	14	9837	12	12	11	13	57	00		39	3														
21	17	9852	13	13	12	13	52	00		39	3														
21	20	9864	13	12	12	13	52	00		39	3														
21	23	9870	13	13	12	13	57	00		39	3											401		13	07
22	02	9869	14	13	13	13	60	00		39	3														
22	05	9875	14	14	14	13	60	00		39	3														
22	08	9875	13	13	13	13	60	00		39	3														
22	11	9873	14	14	13	13	57	00		39	3														
22	14	9888	15	15	14	13	51	00		38	3														
22	17	9898	15	14	12	13	40	08	8	36	3	8	6	4											
22	20	9903	15	13	10	13	31	81	8	36	3	8	6	4											
22	23	9908	14	13	08	13	25	83	6	01	3	6	5	7								128		15	13
23	02	9908	13	11	08	14	20	83	5	02	1	5	5	7											
23	05	9906	10	09	02	15	20	83	5	02	1	5	5	7	0	0									
23	08	9897	09	08	07	15	22	83	1	01	1	1	5	7	0	0									
23	11	9896	17	15	07	14	22	83	1	02	1	1	5	7	0	0									
23	14	9905	16	14	06	13	21	83	1	02	0	1	5	7	0	0									
23	17	9918	14	12	05	12	24	83	6	03	1	5	5	6	0	5									
23	20	9940	11	09	02	13	28	83	7	02	2	6	5	6	0	5									
23	23	9959	14	12	04	12	22	83	8	02	2	8	5	6						13	38	546		17	09
24	02	9976	14	12	06	13	18	83	0	02	1	0	0	9	0	0									
24	05	9985	13	13	05	13	19	83	0	01	0	0	0	9	0	0									
24	08	0000	15	13	05	13	16	83	0	02	1	0	0	8											
24	11	0006	16	14	07	10	05	83	0	02	2	0	0	8											
24	14	9998	17	15	06	11	15	83	0	02	2	0	0	5											
24	17	9996	17	19	08	13	17	83	0	02	2	3	5	5	2	2									
24	20	9978	13	11	04	12	18	83	0	02	2	3	5	6											
24	23	9977	13	11	03	12	15	83	0	70	2	3	5	6						12	27	371		17	13
25	02	9952	13	11	03	14	13	83	0	02	2	0	6	4											
25	05	9947	11	10	02	14	14	83	0	02	2	0	6	4											
25	08	9939	10	08	01	14	20	83	0	01	2	0	0	4	3	5									
25	11	9933	16	13	03	14	11	83	0	03	1	0	0	9	3	4									
25	14	9938	17	14	04	18	05	83	0	00	0	0	0	9	3	0									
25	17	9951	13	10	02	00	00	83	0	00	0	0	0	9	3	0									
25	20	9953	09	07	00	14	17	83	1	00	0	0	0	9	3	0									
25	23	9968	07	05	-04	14	14	83	1	00	0	0	0	9	3	0				14	26	295		18	04
26	02	9976	06	04	-07	12	25	83	1	02	0	0	0	9	0	7									
26	05	9976	06	04	-04	12	27	83	8	03	1	0	0	9	0	7									
26	08	9979	06	04	-05	12	31	83	8	36	2	0	0	9	0	7									
26	11	9982	08	07	-01	12	25	83	8	02	3	3	5	6	0	7									
26	14	9974	09	08	+02	12	26	80	8	36	2	2	6	6	0	6									
26	17	9970	10	08	+00	12	20	80	8	36	2	3	6	6	0	6									
26	20	9963	08	06	-01	05	10	83	8	02	2	3	8	6											
26	23	9949	07	06	-01	04	11	82	8	71	2	8	8	6	4	4				12	39	540		10	04
27	02	9921	08	07	-01	09	15	16	8	71	7	8	8	6	4	4									
27	05	9901	09	07	04	09	15	16	8	71	7	8	8	6	4	4									
27	08	9879	09	08	03	11	17	81	8	71	7	8	8	6	4	4									
27	11	9858	12	10	05	10	16	40	8	71	7	8	8	6	4	4									
27	14	9835	12	11	04	10	05	80	8	02	7	8	8	6	4	4									
27	17	9819	08	08	06	24	05	80	8	02	2	0	3	0	4	4									
27	20	9798	07	06	04	15	05	80	7	02	2	0	6	0	4	9									
27	23	9785	03	02	-02	14	13	83	3	01	2	0	0	9	3	8				09	25	252		13	03

Results of Surface Observations, Mawson September 1955

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	9775	01	00	-05	15	13	83	2	03	0	0	0	9	3	0								
28	05	9765	03	01	-03	15	03	82	7	03	2	7	6	5										
28	08	9768	02	01	-05	15	13	83	7	02	2	5	5	6	5	1								
28	11	9774	07	06	-03	17	19	83	7	02	1	1	5	7	3	1								
28	14	9785	07	05	-03	27	03	83	4	03	1	1	5	7	0	6								
28	17	9797	09	07	-01	11	09	83	5	03	1	1	5	7	0	6								
28	20	9795	+01	-02	-12	13	23	83	1	03	1	0	0	9	0	5								
28	23	9796	01	-01	-07	14	19	83	1	02	0	0	0	9	0	5				13	29	263		10	-01
29	02	9790	02	00	-07	12	25	83	1	36	3	0	0	9	1	0								
29	05	9781	02	01	-07	12	23	83	3	36	3	3	0	9	1	0								
29	08	9776	03	01	-06	13	22	83	5	36	3	0	0	9	5	9								
29	11	9776	06	04	-04	12	22	83	2	36	3	0	0	9	0	2								
29	14	9781	08	06	-04	11	12	83	1	02	0	0	0	9	0	2								
29	17	9785	08	06	-04	11	12	83	1	02	0	0	0	9	0	2								
29	20	9800	02	00	-08	13	15	83	2	03	0	0	0	9	3	0								
29	23	9803	05	03	-05	12	21	83	7	03	1	7	5	7						12	32	468		09	-03
30	02	9803	04	02	-06	11	25	83	7	36	3	7	5	7											
30	05	9813	-03	-04	-10	13	28	83	1	02	1	1	5	7	0	0									
30	08	9816	02	01	-07	12	26	83	2	36	3	1	5	7	3	0									
30	11	9815	05	03	-05	12	21	83	1	36	3	1	5	7	0	0									
30	14	9822	07	06	-04	12	17	83	3	03	0	0	0	9	4	0									
30	17	9825	08	06	-04	12	13	83	7	02	2	7	5	6											
30	20	9826	05	04	-05	12	15	83	7	02	2	7	5	6											
30	23	9828	03	02	-06	12	17	83	8	02	2	8	5	6						11	39	517		08	-04

Results of Surface Observations, Mawson October, 1955

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	9826	02	00	-07	13	17	83	7	02	2	7	5	6											
01	05	9830	-03	-04	-11	14	21	83	6	01	2	6	5	6	0	0									
01	08	9827	-04	-05	-13	13	20	83	2	02	1	3	5	6	3	0									
01	11	9823	01	00	-07	15	17	83	7	03	1	6	5	6	4										
01	14	9819	05	03	-05	12	18	83	6	02	1	2	5	6	0	0									
01	17	9817	03	01	-09	12	18	83	3	01	1	1	5	6	0	1									
01	20	9819	-03	-04	-13	12	26	83	2	01	0	1	5	6	0	1									
01	23	9820	-02	-03	-15	13	18	83	2	02	0	1	5	6	0	1				12	32	446		05	-05
02	02	9823	-03	-04	-15	12	17	83	2	02	0	0	0	9	0	1									
02	05	9828	-06	-07	-16	14	16	83	4	03	1	0	0	9	0	5									
02	08	9835	-03	-05	-16	16	03	83	6	03	1	0	0	9	0	5									
02	11	9842	-02	-03	-11	20	02	83	2	02	2	0	5	7	0	8									
02	14	9847	01	00	-09	02	03	83	3	02	0	1	5	7	3	2									
02	17	9847	00	-01	-11	23	03	83	2	02	0	1	5	7	3	0									
02	20	9858	-04	-05	-16	11	07	83	2	02	0	1	5	7	3	2				14	28	208		04	-08
02	23	9860	-06	-07	-17	13	08	83	2	02	0	1	5	7	0	2									
03	02	9860	-08	-08	-15	12	22	83	6	03	2	0	0	9	3	0									
03	05	9860	-06	-06	-13	12	22	83	6	02	2	0	0	9	3	0									
03	08	9864	-03	-04	-10	13	17	83	8	02	2	8	5	6											
03	11	9873	-02	-03	-10	11	21	81	8	02	2	8	5	5											
03	14	9896	-01	-02	-10	14	16	83	7	01	2	6	5	5	4										
03	17	9919	-02	-03	-13	13	17	83	2	01	1	0	0	9	3	0									
03	20	9929	-07	-09	-18	14	22	83	1	00	0	0	0	9	3	0									
03	23	9942	-11	-12	-18	14	29	83	0	00	0	0	0	9	3	0				14	37	337		01	-11
04	02	9938	-08	-09	-16	12	22	83	3	03	3	0	0	9	1	0									
04	05	9900	-07	-08	-16	11	26	83	8	36	3	0	0	9	1	7									
04	08	9888	-05	-06	-16	10	20	83	7	36	3	0	0	9	7	3									
04	11	9867	-01	-02	-12	08	09	83	7	02	2	1	5	7	3	2									
04	14	9848	01	-01	-09	06	16	83	2	01	1	1	5	7	0	2									
04	17	9843	-02	-03	-10	22	06	83	1	02	1	0	0	9	0	5									
04	20	9847	-06	-07	-13	15	04	83	2	02	0	0	0	9	1	5									
04	23	9835	-06	-07	-16	17	06	83	1	02	1	0	0	9	1	0				14	38	470		01	-11
05	02	9830	-08	-09	-19	16	13	83	0	00	0	0	0	9	0	5									
05	05	9819	-10	-11	-19	17	05	83	2	00	0	0	0	9	0	5									
05	08	9814	-09	-10	-18	18	03	83	8	02	1	0	0	9	0	7									
05	11	9803	-07	-08	-18	26	03	83	8	02	2	0	0	9	1	7									
05	14	9792	-03	-04	-15	08	04	83	8	02	2	0	0	9	1	7									
05	17	9791	-02	-03	-11	10	22	83	1	01	1	0	0	9	3	0									
05	20	9784	-09	-10	-18	13	24	83	2	02	0	0	0	9	3	7									
05	23	9775	-08	-09	-16	12	31	80	8	38	3	0	0	9	1					12	40	273		-00	-11
06	02	9750	-04	-05	-12	11	35	81	8	38	3	0	0	9	1										
06	05	9723	-03	-04	-10	11	39	00	8	38	3	0	0	9	1										
06	08	9672	-01	-01	-03	11	52	00		39	3														
06	11	9640	01	01	01	11	54	00	8	39	3	0	0	9	1										
06	14	9602	03	03	02	12	58	00	8	39	3	0	0	9	1										
06	17	9595	03	03	03	12	62	00	8	39	3	0	0	9	1										
06	20	9591	03	03	02	11	61	00	8	39	3	0	0	9	1										
06	23	9602	05	05	03	11	57	00	8	38	3	0	0	9	1					12	72	230		05	-08
07	02	9590	06	05	03	14	52	01	8	38	3	0	0	9	7										
07	05	9612	08	07	04	13	42	40	8	38	3	0	0	9	7										
07	08	9634	11	09	00	13	45	08	7	36	3	0	0	9	7										
07	11	9647	13	10	01	13	38	40	4	01	3	0	0	9	7	1									
07	14	9670	16	13	02	12	31	83	3	01	3	0	0	9	3	2									
07	17	9709	14	11	02	21	10	83	4	03	1	0	0	9	3	5									
07	20	9725	07	06	03	00	00	83	6	03	1	0	0	9	7	0				13	66	829		17	01
07	23	9732	01	00	-06	16	28	83	2	02	1	0	0	9	3	0									
08	02	9741	-01	-02	-08	16	22	83	1	01	0	0	0	9	3	0									
08	05	9763	-05	-06	-08	08	05	83	3	03	0	0	0	9	3	0									
08	08	9770	-02	-03	-06	23	05	83	7	02	2	1	5	7	3	6									
08	11	9782	00	-00	-04	04	04	83	7	03	2	0	5	7	7										
08	14	9791	03	02	-02	09	04	83	8	02	2	0	5	7	7	1									
08	17	9792	06	05	03	06	05	83	8	02	2	0	5	7	9	2									
08	20	9786	04	03	00	11	22	82	8	02	2	0	5	9	9					16	39	239		06	-05
08	23	9769	04	04	00	11	27	80	8	02	2	0	0	9	9										
09	02	9740	04	03	02	13	39	00	8	39	3	0	0	9	2										
09	05	9720	03	02	01	13	52	00	8	39	3	0	0	9	2										
09	08	9756	05	05	02	13	40	40	8	38	3	0	0	9	2										
09	11	9785	06	06	03	13	42	16	8	38	3	0	0	9	1										
09	14	9833	09	08	03	13	30	81	8	02	3	0	0	9	1										
09	17	9887	09	08	02	16	19	83	8	02	2	0	0	9	7										
09	20	9925	08	08	07	27	16	83	7	02	2	0	0	9	3										
09	23	9955	05	05	04	32	06	83	7	02	2	0	0	9	3					12	60	779		10	03

Results of Surface Observations, Mawson October, 1955

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND																			
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	DIRECTION OF CLOUD MOVEMENT LOW	DIRECTION OF CLOUD MOVEMENT MIDDLE	DIRECTION OF CLOUD MOVEMENT HIGH	MAXIMUM WIND GUST DIRECTION	MAXIMUM WIND GUST 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
10	02	9974	03	03	-01	25	05	87	5	00	1	0	0	9	3	5									
10	05	9989	-02	-03	-05	00	00	83	5	02	1	0	0	9	0	5									
10	08	0008	-02	-03	-05	00	00	83	2	02	1	0	0	9	0	5									
10	11	0031	-02	-02	-04	23	04	83	2	02	0	0	0	9	0	5									
10	14	0046	04	03	-04	25	05	83	6	03	1	0	0	9	3	6									
10	17	0048	05	04	-01	00	00	83	7	03	2	0	0	9	1										
10	20	0052	04	03	02	00	00	83	8	02	2	0	0	9	1										
10	23	0055	07	06	04	00	00	83	7	02	2	0	0	9	1					26	37	109		07	-03
11	02	0064	07	06	00	16	19	83	2	02	0	0	0	9	0	2									
11	05	0082	06	05	-01	18	05	83	2	02	0	0	0	9	0	5									
11	08	0099	08	07	00	09	13	83	6	02	2	3	5	7	3	2									
11	11	0107	07	06	00	25	06	83	2	02	1	0	0	9	3	2									
11	14	0125	10	09	02	26	05	83	1	00	0	0	0	9	3	0									
11	17	0134	11	09	00	17	05	83	1	00	0	0	0	9	3	0									
11	20	0146	06	05	00	09	05	83	1	00	0	0	0	9	3	0									
11	23	0154	06	05	01	08	05	83	1	00	0	0	0	9	3	0				15	32	175		12	05
12	02	0161	07	06	-01	16	03	83	0	00	0	0	0	9	0	0									
12	05	0161	10	09	00	13	26	83	5	03	1	0	0	9	0	8									
12	08	0173	14	12	05	15	20	83	8	02	2	0	0	9	7										
12	11	0169	13	12	05	27	05	83	8	02	2	0	0	9	3	8									
12	14	0165	21	18	09	16	10	83	8	02	2	0	0	9	1										
12	17	0151	17	15	08	19	03	83	8	02	2	0	0	9	1										
12	20	0147	15	13	08	27	03	83	7	02	2	0	0	9	7										
12	23	0134	16	14	06	27	03	83	8	02	2	0	0	9	1					13	36	225		22	02
13	02	0118	11	09	05	00	00	83	8	02	2	0	0	9	1										
13	05	0100	07	06	04	00	00	83	8	02	2	0	0	9	1										
13	08	0092	08	07	04	09	03	83	8	02	2	0	0	9	1										
13	11	0089	10	09	06	00	00	83	8	02	2	0	0	9	1										
13	14	0086	12	11	07	03	03	80	8	02	2	8	6	4											
13	17	0075	16	15	14	09	22	08	8	71	7	8	6	3											
13	20	0076	12	12	11	09	25	04	8	71	7	8	6	3											
13	23	0072	10	10	09	10	30	02	8	71	7	8	6	3						11	37	221		16	06
14	02	0075	10	10	08	11	22	24	8	71	7	8	6	3											
14	05	0075	11	10	09	11	17	40	8	71	7	8	6	3											
14	08	0067	11	11	09	11	31	80	8	38	3	0	0	9	7										
14	11	0075	14	13	11	11	31	80	8	36	3	8	5	6											
14	14	0106	16	15	10	11	22	83	8	02	3	8	5	6											
14	17	0123	13	12	07	11	22	83	8	02	1	7	5	7	4										
14	20	0130	07	06	01	12	22	83	1	01	2	1	5	7	4										
14	23	0121	05	03	-01	12	26	83	0	00	0	0	0	9	0	0				10	45	574		16	04
15	02	0110	05	03	-01	13	19	83	0	00	3	0	0	9	0	0									
15	05	0082	02	01	-04	13	28	83	3	36	3	0	0	9	0	1									
15	08	0048	06	04	-01	11	23	83	7	03	1	0	0	9	1	6									
15	11	9985	13	11	07	11	28	83	7	36	2	3	5	6	1										
15	14	9941	15	14	09	11	38	82	7	36	3	0	0	9	1										
15	17	9894	14	14	13	11	44	08	8	38	3	0	0	9	2										
15	20	9860	14	14	14	11	50	00	8	39	3	0	0	9	2										
15	23	9840	14	14	14	12	52	00		39	3											791		15	01
16	02	9843	14	14	14	12	57	00		39	3														
16	05	9857	14	14	14	13	60	00		39	3														
16	08	9873	15	15	15	13	57	00		39	3														
16	11	9883	16	16	16	12	61	00	8	39	3	0	0	9	1										
16	14	9905	18	18	17	12	57	00	8	39	3	0	0	9	1										
16	17	9929	18	17	14	12	52	02	8	38	3	7	5	6	3										
16	20	9933	18	17	13	11	44	03	8	38	3	8	5	6											
16	23	9932	18	17	13	12	48	16	8	36	3	8	5	6								303		19	13
17	02	9927	19	17	11	12	52	02	8	38	3	8	5	6											
17	05	9923	18	16	09	12	45	82	7	36	3	1	5	5	7										
17	08	9923	20	17	10	11	40	83	8	02	3	0	0	9	2										
17	11	9911	19	17	13	12	31	04	8	36	3	0	0	9	2										
17	14	9901	20	19	15	11	35	08	8	38	7	0	0	9	2										
17	17	9882	21	20	17	11	35	01	8	71	7	0	0	9	2										
17	20	9866	21	19	15	11	37	08	8	36	7	0	0	9	2										
17	23	9852	21	19	15	11	35	08	8	36	7	0	0	9	2							928		21	17
18	02	9840	20	19	13	12	26	08	8	36	3	0	0	9	2										
18	05	5829	21	18	13	12	26	82	8	16	2	0	0	9	2										
18	08	9820	23	20	13	12	17	83	8	70	7	0	0	9	2										
18	11	9820	27	24	17	12	13	83	6	01	7	3	5	5	4	0	6	3							
18	14	9831	26	23	15	30	03	83	6	02	2	4	5	6	3	0	5	3							
18	17	9833	25	23	16	26	06	83	3	02	1	2	5	7	3	0	5	3							
18	20	9852	21	20	17	31	05	83	7	03	1	7	6	3											
18	23	9866	19	19	17	34	03	83	8	70	2	8	6	2						11	42	338		31	19

Results of Surface Observations, Mawson October, 1955

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	17	16	12	13	08	83	8	02	2	8	6	2											
19	05	9892	16	15	12	14	05	83	8	02	2	8	5	5											
19	08	9897	17	14	07	26	05	83	8	02	2	8	5	5											
19	11	9902	16	15	09	31	04	83	6	03	0	6	5	5	0	0									
19	14	9904	18	16	09	05	05	83	5	01	1	3	5	5	4	0									
19	17	9891	17	15	12	27	08	83	7	03	1	7	5	5											
19	20	9873	13	11	07	07	05	83	1	02	0	1	6	3	0	0									
19	23	9859	09	06	- 04	14	13	83	0	00	0	0	0	9	0	0				13	17	104		20	09
20	02	9850	13	11	01	13	17	83	2	02	0	2	5	5	0	0									
20	05	9869	11	09	01	15	32	56	2	38	3	2	5	5	0	0									
20	08	9911	18	14	00	24	17	83	1	02	3	1	5	5	0	0									
20	11	9934	20	14	04	24	05	83	1	00	0	0	0	9	3	0									
20	14	9939	27	22	04	27	03	83	0	00	0	0	0	9	0	0									
20	17	9942	24	20	09	13	03	83	1	02	0	0	0	9	5	0									
20	20	9934	13	12	08	32	05	83	1	02	0	0	0	9	3	0									
20	23	9924	11	08	- 01	14	17	83	1	02	0	0	0	9	0	2				15	44	292		30	08
21	02	9916	09	07	- 03	16	26	83	3	03	0	0	0	9	0	8									
21	05	9926	11	08	- 04	17	22	83	3	02	0	0	0	9	0	8									
21	08	9937	14	11	01	09	09	83	7	02	2	3	5	6	4										
21	11	9944	21	16	01	12	19	83	7	03	1	0	0	9	1										
21	14	9940	17	14	02	11	31	83	8	02	2	0	0	9	2										
21	17	9949	13	13	10	11	35	04	8	71	7	8	6	5											
21	20	9972	15	14	10	12	31	04	8	71	7	8	6	5						12	52	503		21	09
21	23	0002	15	13	08	04	15	83	7	02	7	7	5	5											
22	02	0015	13	11	03	04	12	83	8	07	2	0	0	9	2										
22	05	0004	14	12	08	07	27	04	8	03	3	8	6	3											
22	08	9999	14	13	08	07	27	04	8	73	7	8	6	3											
22	11	9952	15	14	12	12	31	04	8	73	7	8	6	3											
22	14	9932	16	15	12	12	48	00		73	7														
22	17	9910	17	16	15	11	50	00		39	7														
22	20	9890	16	15	13	12	35	01	8	36	3	8	5	5											
22	23	9875	16	15	12	12	33	02	8	36	3	8	5	5								766		17	13
23	02	9854	16	15	10	12	26	08	8	38	3	0	0	9	2										
23	05	9836	16	14	09	13	22	80	8	36	3	0	0	9	2										
23	08	9813	18	15	08	12	22	83	8	02	2	0	0	9	7										
23	11	9791	20	17	07	13	22	83	7	02	2	0	0	9	7										
23	14	9766	24	20	09	12	21	83	8	02	2	4	5	6	3										
23	17	9746	21	18	10	11	20	83	8	02	2	8	5	6											
23	20	9724	18	15	07	11	22	80	8	70	7	8	6	3											
23	23	9707	16	14	06	12	22	81	8	02	2	0	0	9	1					12	40	584		25	16
24	02	9686	14	12	04	12	25	83	8	36	2	8	6	4											
24	05	9668	13	12	04	12	27	83	8	36	2	8	6	4											
24	08	9665	15	13	04	13	22	83	3	02	2	4	6	4	1										
24	11	9654	19	17	07	12	15	83	8	02	2	0	0	9	3	7									
24	14	9663	22	19	11	09	10	83	8	02	2	0	5	5	0	8									
24	17	9660	21	18	09	11	17	83	8	02	2	3	5	5	5	8									
24	20	9669	19	16	07	11	19	83	8	02	2	6	5	5	0	8									
24	23	9675	16	13	03	12	24	83	8	02	2	5	5	5	5	8				12	37	527		23	13
25	02	9681	16	13	04	13	25	83	3	01	3	2	5	5	3	0									
25	05	9695	16	13	03	12	26	83	7	36	3	7	5	5											
25	08	9714	17	14	04	12	24	83	7	02	2	7	5	6											
25	11	9729	21	18	07	12	16	83	8	02	2	8	5	5											
25	14	9753	23	20	12	10	12	83	8	02	2	8	5	5											
25	17	9770	22	19	13	09	15	83	8	02	2	8	5	5											
25	20	9790	20	17	10	10	22	83	8	02	2	8	5	5											
25	23	9804	19	17	11	10	24	80	8	38	2	8	6	4						12	37	576		24	15
26	02	9806	17	17	13	11	31	40	8	36	3	8	6	4											
26	05	9810	18	17	16	11	39	00	8	36	3	8	6	4											
26	08	9823	19	18	17	11	45	04	8	38	3	0	0	9	2										
26	11	9833	19	19	18	11	51	02	8	38	3	0	0	9	2										
26	14	9845	20	20	19	11	52	00	8	38	3	0	0	9	2										
26	17	9848	20	20	19	11	52	00	8	38	3	0	0	9	2										
26	20	9850	19	19	19	11	52	00	8	38	3	0	0	9	2										
26	23	9842	20	20	20	12	48	00	8	38	3	0	0	9	2					11	63	215		21	17
27	02	9828	20	20	19	12	48	00		39	3														
27	05	9815	21	21	20	12	50	00		39	3														
27	08	9790	23	23	23	12	52	02	8	39	3	8	5	6											
27	11	9790	24	23	23	12	50	00	8	39	3	8	5	6											
27	14	9781	25	24	23	12	50	00	8	39	3	8	5	6											
27	17	9781	25	24	22	12	48	00	8	39	3	8	5	6											
27	20	9784	24	22	18	13	47	16	7	37	3	2	5	6	9										
27	23	9786	25	21	10	13	45	16	5	36	3	3	5	6	5					12	70	236		26	20

Results of Surface Observations, Mawson October, 1955

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	24	20	08	14	45	82	0	36	3	0	0	9	0	0								
28	05	9798	19	16	10	15	48	83	2	36	3	0	0	9	0	8								
28	08	9792	21	18	12	15	51	82	2	02	2	1	1	5	5	0	2							
28	11	9814	24	21	11	14	10	83	2	02	2	1	1	5	5	0								
28	14	9818	29	24	15	09	16	83	1	02	1	0	0	9	3	0								
28	17	9815	26	22	12	33	04	83	1	02	0	0	0	9	5	0								
28	20	9803	23	19	10	11	10	83	0	00	0	0	0	9	0	0								
28	23	9793	21	17	04	15	30	83	0	00	0	0	0	9	0	0				14	74	722		30	17
29	02	9783	19	15	04	14	35	83	0	00	0	0	0	9	0	0								
29	05	9767	15	13	04	16	44	83	0	00	0	0	0	9	0	0								
29	08	9771	22	18	11	14	39	83	6	03	1	6	5	7	0	0	2							
29	11	9778	24	20	09	14	44	83	7	02	2	6	5	7	3									
29	14	9775	23	20	10	14	48	83	7	36	2	6	5	7	3									
29	17	9792	25	21	13	13	44	83	7	37	3	4	5	7	7									
29	20	9798	26	22	12	13	44	83	7	02	3	4	5	7	7									
29	23	9817	26	22	12	15	35	83	8	02	3	8	5	7						14	68	985		27	15
30	02	9775	25	21	13	15	48	24	7	38	2	0	0	9	2										
30	05	9770	26	22	12	15	49	81	7	36	3	0	0	9	2										
30	08	9788	26	23	15	15	42	40	4	36	2	1	5	7	3	1									
30	11	9753	27	24	17	14	61	80	7	36	3	5	5	7	3										
30	14	9810	25	23	19	12	52	01	6	37	3	4	5	7	7	0									
30	17	9877	26	22	14	14	31	83	7	02	3	5	5	6	7										
30	20	9885	24	21	13	12	39	83	4	02	3	1	5	6	3	9									
30	23	9892	25	21	13	12	44	83	4	02	2	0	0	9	5	0				13	82	089		30	22
31	02	9900	25	21	12	12	44	83	3	02	0	0	0	9	7	9									
31	05	9904	24	21	11	12	44	83	2	02	0	0	0	9	7	9									
31	08	9904	28	24	15	12	39	83	3	02	0	1	5	6	7	2									
31	11	9892	29	25	13	13	25	83	3	02	0	1	5	7	3	1									
31	14	9865	29	24	15	14	32	83	3	02	0	1	5	8	7	9									
31	17	9817	28	23	13	14	30	83	1	03	1	1	5	8	0	0									
31	20	9754	22	19	11	14	35	83	1	02	0	1	5	8	0	0									
31	23	9716	17	15	08	15	40	83	3	03	0	1	5	8	5	1				15	60	869		31	17

Results of Surface Observations,
Mawson November, 1955

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	9661	17	15	09	18	20	83	34	03	11	00	00	99	11	00									
01	05	9640	20	17	08	17	26	83	48	03	12	03	06	54	12	00									
01	08	9623	23	20	12	11	25	83	87	03	27	38	66	55											
01	11	9607	22	22	22	13	33	01	88	71	32	45	65	55	73	0									
01	14	9599	29	25	18	12	34	83	76	02	23	56	66	55											
01	17	9614	28	26	22	11	24	83	68	01	23	68	66	55											
01	20	9623	28	26	24	10	32	83	88	36	33	68	66	55	33					20	62	706		29	16
01	23	9673	25	24	22	10	39	01	88	37	33	68	66	55											
02	02	9732	23	23	22	08	10	16	88	71	77	88	66	54											
02	05	9798	22	21	18	07	25	80	87	36	72	88	65	54											
02	08	9860	23	21	18	08	20	83	77	15	22	87	55	55											
02	11	9896	25	23	19	09	20	83	78	15	22	73	55	55											
02	14	9935	25	23	20	05	16	83	78	15	72	32	56	54	3										
02	17	9964	25	24	24	05	13	01	87	71	27	85	65	54											
02	20	9977	23	21	16	11	16	82	76	01	73	54	55	76	44	11	22			11	47	577		27	21
02	23	9970	23	22	19	11	23	82	66	38	33	54	55	76	44	11	22								
03	02	9956	24	23	23	11	30	02	87	38	33	03	06	93	79										
03	05	9961	22	21	17	11	32	04	77	36	33	32	06	53	51										
03	08	9948	27	25	23	11	32	80	78	36	33	20	05	69											
03	11	9945	27	25	21	11	28	83	88	36	33	02	05	66	50	29									
03	14	9935	31	28	21	11	19	83	88	02	32	21	05	69	73										
03	17	9917	31	27	19	14	24	83	77	02	22	10	05	99											
03	20	9904	27	23	13	12	25	83	77	02	22	00	00	99						12	47	719		32	21
03	23	9901	21	18	09	11	22	83	77	02	22	00	00	99											
04	02	9898	17	15	07	11	23	82	68	01	23	60	50	79	07	0									
04	05	9896	17	14	06	11	24	83	88	02	22	07	05	97	13										
04	08	9899	19	17	09	11	26	83	88	02	22	55	55	76	37	2	2								
04	11	9898	22	19	12	10	24	83	78	02	22	50	55	79	77										
04	14	9900	24	21	14	11	29	83	78	02	23	00	00	99	77										
04	17	9898	23	21	14	10	27	83	78	02	23	00	00	99	77										
04	20	9905	24	20	11	12	37	83	87	02	33	00	00	99	77					12	53	728		25	16
04	23	9906	22	19	12	12	38	83	87	36	33	00	00	99											
05	02	9897	21	19	17	12	44	83	88	36	33	54	66	55	71										
05	05	9900	23	20	13	12	46	83	88	02	33	40	60	59	11										
05	08	9903	22	20	15	12	45	16	88	38	33	03	05	97	11										
05	11	9918	23	22	20	12	44	02	88	38	33	37	05	77	11										
05	14	9940	23	21	17	11	38	04	88	36	33	75	55	77	11										
05	17	9951	24	23	19	11	34	08	87	36	33	75	55	77	13	1		2		12	67	050		25	19
05	20	9967	23	22	20	11	31	40	78	36	33	58	55	77											
05	23	9974	23	22	20	11	31	40	78	36	33	58	55	77											
06	02	9983	22	19	13	12	31	83	88	15	22	88	55	76											
06	05	9992	22	19	09	12	26	83	86	02	21	81	55	76											
06	08	9997	24	20	10	12	26	83	64	01	11	00	50	69	43	85	3								
06	11	9997	25	21	12	11	20	83	44	02	12	00	05	97	40	52		2							
06	14	9993	27	23	14	12	25	83	67	02	12	05	55	77	44	66									
06	17	9993	25	21	13	11	26	83	73	03	12	10	55	79	44	66				12	48	733		29	17
06	20	9993	22	18	08	12	31	83	73	02	21	10	50	79	44	66									
06	23	0003	17	14	04	12	35	83	73	01	11	00	00	99	44	66									
07	02	9998	17	14	04	12	39	83	12	01	11	00	00	99	03	11									
07	05	0002	17	14	04	12	33	83	22	01	11	02	05	97	00	10	22								
07	08	9980	23	19	08	12	33	83	21	01	10	02	05	97	00	00	22								
07	11	9985	24	21	11	11	21	83	11	02	00	11	05	77	00	00	22								
07	14	9985	27	23	14	10	15	83	11	02	00	11	05	77	00	00	22								
07	17	9983	26	22	11	10	15	83	10	02	00	10	05	76	00	00									
07	20	9985	21	19	14	23	02	83	10	01	00	01	05	96	00	00				12	52	589		28	15
07	23	9973	17	15	09	15	02	83	01	00	00	01	05	96	00	00									
08	02	9969	11	09	02	13	16	83	00	00	00	00	05	99	00	00									
08	05	9960	12	10	01	13	13	83	00	00	00	00	05	99	00	00									
08	08	9944	19	15	02	13	30	83	01	00	00	01	05	97	00	00									
08	11	9950	22	19	07	11	14	83	11	00	00	01	05	77	00	00		2							
08	14	9955	25	20	10	11	23	83	11	00	00	11	05	77	00	00									
08	17	9957	24	20	09	11	20	83	11	00	00	10	05	77	00	00									
08	20	9967	20	16	05	11	21	83	10	00	00	10	05	79	00	00				12	43	463		26	11
08	23	9968	17	14	02	12	26	83	10	00	00	10	05	79	00	00									
09	02	9966	18	14	01	13	32	83	04	00	00	00	05	99	01	00									
09	05	9963	19	15	04	12	32	83	47	03	00	07	05	97											
09	08	9967	22	19	09	12	20	83	78	02	22	88	55	66											
09	11	9971	23	20	10	11	21	83	87	02	22	87	55	67											
09	14	9986	26	22	12	10	02	83	87	02	22	87	55	67											
09	17	9981	25	22	13	10	14	83	87	02	22	87	55	67											
09	20	9984	23	20	12	11	08	83	87	02	22	87	55	67						12	45	471		27	14
09	23	9984	21	18	10	14	15	83	77	02	22	77	55	77											

Results of Surface Observations,
Mawson November, 1955

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	9985	19	16	05	13	17	83	7	02	2	7	5	7											
10	05	9979	15	12	04	15	22	83	7	02	2	7	5	7											
10	08	9974	19	16	07	15	10	83	7	02	2	7	5	7											
10	11	9963	23	19	09	07	03	83	6	02	2	6	5	8	0	0									
10	14	9953	21	18	10	26	02	83	6	02	2	6	5	8	0	0	3								
10	17	9947	23	19	11	28	06	83	6	01	2	5	5	8	0	2	3								
10	20	9937	23	19	11	22	03	83	2	01	1	1	5	8	0	2									
10	23	9932	17	15	08	13	04	83	2	02	0	1	5	8	3	0				12	30	205		24	15
11	02	9931	13	11	03	15	17	83	1	02	0	1	5	8	0	0									
11	05	9924	11	09	02	15	20	83	2	03	0	1	5	7	0	5									
11	08	9915	18	15	06	13	22	83	6	03	1	2	5	7	5	6									
11	11	9913	21	17	07	12	24	83	7	02	2	1	5	7	5										
11	14	9910	23	20	10	12	26	83	8	02	2	0	0	9	1										
11	17	9910	21	19	10	11	32	83	8	02	2	0	0	9	1										
11	20	9905	20	17	08	11	32	83	8	02	2	0	0	9	1										
11	23	9896	19	16	09	12	38	83	8	02	2	0	0	9	1					12	52	593		24	10
12	02	9896	18	16	08	12	39	83	8	02	2	0	0	9	1										
12	05	9890	19	18	10	11	36	83	8	02	2	0	0	9	1										
12	08	9883	22	19	11	11	40	82	8	36	2	0	0	9	1										
12	11	9874	23	21	16	11	44	82	8	36	3	0	0	9	1										
12	14	9881	23	22	18	11	45	08	0	36	3	0	0	9	1										
12	17	9887	24	22	20	11	50	08	8	37	3	0	0	9	1										
12	20	9898	22	22	20	11	45	00	8	39	3	0	0	9	1										
12	23	9913	21	21	21	12	45	00	8	39	3	0	0	9	1					11	72	092		24	18
13	02	9920	21	21	20	12	45	00	8	38	3	0	0	9	1										
13	05	9936	22	21	21	12	44	00	8	38	3	8	5	7											
13	08	9946	25	24	22	12	42	80	8	36	3	8	5	7											
13	11	9951	28	26	22	12	39	83	8	36	3	8	5	7											
13	14	9953	29	27	22	12	30	83	7	02	3	5	5	7	7										
13	17	9949	30	27	21	12	26	83	7	02	2	6	5	7	7										
13	20	9935	29	25	20	12	28	83	8	02	2	7	5	7	7										
13	23	9927	29	25	16	12	31	83	8	02	2	7	5	7	7					11	55	943		31	21
14	02	9908	29	25	13	12	36	83	6	02	2	6	5	7	7										
14	05	9899	28	24	13	12	39	83	7	02	2	5	5	7	7										
14	08	9890	29	25	15	12	44	83	6	02	2	1	5	7	7										
14	11	9883	28	25	17	12	44	83	5	36	3	0	0	9	7	2									
14	14	9883	27	25	23	12	48	40	8	38	3	0	0	9	1										
14	17	9865	29	27	24	12	52	16	8	38	3	0	0	9	7										
14	20	9864	26	26	25	12	48	01	8	38	3	0	0	9	2										
14	23	9858	25	25	25	12	48	00	8	39	3	0	0	9	2					12	79	154		31	25
15	02	9869	26	25	25	12	54	00	8	38	3	0	0	9	2										
15	05	9895	26	25	23	12	52	00	6	38	3	0	0	9	7	9									
15	08	9914	30	27	23	11	52	83	7	36	3	6	5	7	7										
15	11	9932	31	28	23	11	49	83	8	02	3	2	5	7	7										
15	14	9949	32	28	23	10	49	83	8	02	2	1	5	7	2										
15	17	9963	29	28	25	10	44	04	8	71	2	0	0	9	2										
15	20	9980	28	27	24	10	39	83	8	02	7	1	5	7	2										
15	23	9993	28	26	24	11	33	83	8	02	2	1	5	7	2							157		32	25
16	02	9994	28	26	21	11	27	83	7	02	2	0	0	9	7										
16	05	9998	28	26	19	11	26	83	7	02	2	7	0	9	7										
16	08	9997	32	29	23	10	17	83	7	02	2	7	5	7											
16	11	9995	32	29	24	07	15	83	7	02	2	7	5	7											
16	14	9984	33	30	25	08	22	83	8	02	2	2	8	7	1										
16	17	9977	32	30	26	07	20	83	8	02	2	2	8	6	1										
16	20	9958	34	30	24	09	26	83	8	02	2	2	5	6	1										
16	23	9947	32	28	21	10	31	83	8	02	2	3	5	6	1					10	45	628		35	28
17	02	9963	33	29	22	09	09	83	8	02	2	8	5	6											
17	05	9945	34	30	24	11	24	83	8	02	2	8	5	7											
17	08	9937	35	31	23	12	30	83	8	02	2	8	5	7											
17	11	9933	37	31	23	13	25	83	8	02	2	8	5	8											
17	14	9927	38	33	24	11	16	83	8	02	2	8	5	8											
17	17	9925	38	33	26	12	19	83	8	02	2	8	5	8											
17	20	9932	32	30	27	08	05	83	8	02	2	8	5	8											
17	23	9937	32	29	26	07	05	83	8	02	2	8	5	8						11	45	508		40	32
18	02	9943	29	27	24	07	04	83	7	02	2	7	5	8	7										
18	05	9937	32	29	24	12	21	83	8	02	2	8	5	7											
18	08	9931	32	28	21	10	26	83	8	02	2	8	5	7											
18	11	9934	32	30	27	08	22	40	8	71	2	8	5	7											
18	14	9943	32	29	26	09	14	83	8	02	7	8	5	7											
18	17	9923	32	29	23	10	39	81	8	38	2	8	5	7											
18	20	9930	27	27	27	11	44	01	8	38	3	8	0	9	1										
18	23	9965	28	27	26	10	39	08	8	38	3	3	5	7	1					10	63	627		32	27

Results of Surface Observations,
Mawson November, 1955

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	9976	29	27	24	11	37	83	7	02	3	7	5	7			2								
19	05	9986	29	27	22	11	31	83	7	02	2	7	5	7			2								
19	08	9980	31	27	21	11	28	83	3	02	1	3	5	7	0	0	2								
19	11	9966	34	29	22	10	31	83	1	02	0	1	5	7	3	0	2								
19	14	9950	34	30	23	11	37	83	2	02	0	1	5	8	4	0	2								
19	17	9938	32	28	22	11	38	83	2	02	0	1	5	8	4	0	2								
19	20	9925	29	27	22	10	40	83	6	36	3	5	5	8	4	0				11	53	889		34	28
19	23	9929	29	26	22	11	36	83	7	36	3	7	5	8											
20	02	9927	28	25	19	12	35	82	7	36	3	0	0	9	3										
20	05	9926	28	25	19	11	31	83	8	02	3	3	5	6	3										
20	08	9923	29	26	20	13	31	83	8	02	2	8	5	6											
20	11	9914	31	27	20	11	37	83	8	02	2	8	5	8											
20	14	9930	32	27	17	10	27	83	7	02	2	7	5	8											
20	17	9925	34	29	20	11	16	83	8	02	2	1	5	8	0	7									
20	20	9922	31	26	16	09	13	83	7	02	2	4	5	8	4										
20	23	9916	27	23	14	11	13	83	7	02	2	5	5	6	4					12	52	734		35	23
21	02	9913	25	21	11	11	13	83	7	02	2	7	5	6											
21	05	9900	23	19	08	12	16	83	7	02	1	0	0	9	3	6									
21	08	9897	27	23	12	11	09	83	7	02	2	0	0	9	7	2									
21	11	9892	30	25	14	09	13	83	8	02	2	0	0	9	3	7									
21	14	9891	32	27	15	09	13	83	8	02	2	1	5	9	7										
21	17	9889	31	26	16	10	13	83	7	02	2	0	0	9	7										
21	20	9894	27	23	14	11	14	83	8	02	2	0	0	9	5	9									
21	23	9901	25	21	11	11	17	83	7	02	2	0	0	9	5					12	30	458		33	23
22	02	9899	22	19	09	11	26	83	8	02	2	0	0	9	0	7									
22	05	9904	22	19	10	11	26	83	8	02	2	0	0	9	0	7									
22	08	9906	22	18	09	12	35	83	8	36	2	5	5	7	1										
22	11	9892	24	22	19	11	39	80	7	38	3	0	0	9	7										
22	14	9893	23	22	20	12	44	08	8	38	3	0	0	9	7										
22	17	9905	23	23	18	12	41	08	8	38	3	8	5	7											
22	20	9904	23	22	20	13	35	08	8	38	3	8	5	7											
22	23	9912	25	23	17	12	31	80	8	36	3	8	5	7						12	75	942		25	21
23	02	9901	27	23	16	12	37	83	8	02	3	0	0	9	2										
23	05	9893	29	24	11	12	35	83	8	02	2	0	0	9	2										
23	08	9885	29	24	15	13	31	83	7	02	2	0	0	9	7										
23	11	9876	33	28	15	12	25	83	7	01	2	0	0	9	3	9									
23	14	9867	36	30	19	12	21	83	4	01	1	0	0	9	3	1									
23	17	9864	35	30	19	13	16	83	7	02	1	0	0	9	3	8									
23	20	9848	31	26	16	14	10	83	6	03	1	0	0	9	3	4									
23	23	9839	27	22	12	16	16	83	8	02	2	0	0	9	3	6				13	59	702		36	25
24	02	9835	24	20	08	16	17	83	1	02	0	0	0	9	3	0									
24	05	9809	23	19	08	14	17	83	2	02	0	0	0	9	3	0									
24	08	9807	29	24	12	15	05	83	2	02	0	0	0	9	3	0									
24	11	9803	33	27	17	13	13	83	6	03	1	0	0	9	0	9									
24	14	9811	32	27	19	04	05	83	7	02	2	0	0	9	3										
24	17	9822	32	29	22	08	05	83	5	01	2	0	0	9	3	9									
24	20	9825	31	27	18	10	09	83	3	02	0	0	0	9	9	3	9								
24	23	9832	27	23	14	11	13	83	7	03	1	1	0	0	9	7				13	35	373		35	23
25	02	9840	23	19	12	12	18	83	5	01	1	1	0	0	9	3	0								
25	05	9830	21	19	12	12	19	83	7	03	2	0	0	9	2										
25	08	9809	22	20	13	12	26	83	8	02	2	6	5	6	2		3								
25	11	9785	24	21	15	12	31	83	8	02	2	8	5	6			3								
25	14	9753	26	23	15	12	33	83	8	02	2	8	5	7											
25	17	9714	26	23	16	12	32	83	8	02	2	8	5	7											
25	20	9680	26	22	14	13	40	83	8	02	2	8	5	7											
25	23	9668	26	22	12	13	38	83	8	02	2	8	5	7						13	57	694		27	20
26	02	9665	26	22	12	13	44	83	8	02	2	8	5	7											
26	05	9695	26	22	12	15	30	83	7	02	2	7	5	7											
26	08	9699	28	26	15	17	35	83	7	02	2	7	5	7											
26	11	9721	31	26	16	16	22	83	8	02	2	8	5	7											
26	14	9760	30	26	18	24	04	83	8	02	2	8	5	7											
26	17	9775	30	26	18	23	05	83	7	02	2	7	5	7											
26	20	9790	31	27	20	16	09	83	7	02	2	7	5	7											
26	23	9806	27	24	16	12	15	83	7	02	2	7	5	7						12	62	511		33	25
27	02	9825	24	21	11	12	22	83	7	02	2	0	0	9	7										
27	05	9843	24	20	12	12	21	83	7	02	2	0	0	9	7										
27	08	9851	26	22	13	14	18	83	7	02	2	0	0	9	3										
27	11	9865	32	27	19	12	09	83	7	03	1	0	0	9	3	6									
27	14	9875	32	27	19	04	11	83	8	02	2	0	1	9	7										
27	17	9882	33	28	21	04	09	83	8	02	2	1	1	6	0	6									
27	20	9881	32	29	24	04	09	83	2	00	1	1	4	6	0	1									
27	23	9887	25	23	17	12	14	83	3	03	1	1	4	6	3	1				12	30	370		34	23

Results of Surface Observations, Mawson November, 1955

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	24	21	12	13	26	83	7	02	2	0	0	9	7										
28	05	9876	23	19	10	13	29	83	7	02	2	0	0	9	7										
28	08	9858	26	22	12	12	12	83	8	02	2	3	5	7	2										
28	11	9843	31	26	16	10	19	83	8	02	2	0	0	9	1										
28	14	9820	23	26	16	10	31	83	8	02	2	0	0	9	5										
28	17	9805	32	27	19	11	25	83	8	02	2	0	0	9	7										
28	20	9792	29	25	15	12	37	83	8	02	2	0	0	9	7										
28	23	9788	27	23	14	12	37	83	8	02	2	0	0	9	7					12	54	707		33	22
29	02	9781	26	22	12	12	35	83	8	02	2	0	0	9	1										
29	05	9784	27	23	12	13	39	83	8	02	2	0	0	9	7										
29	08	9795	28	24	14	12	40	83	8	02	2	0	0	9	1										
29	11	9800	30	26	17	11	37	83	8	02	2	0	0	9	7										
29	14	9820	32	27	19	10	31	83	8	02	2	0	0	9	7										
29	17	9837	31	26	18	10	29	83	8	02	2	0	0	9	7										
29	20	9867	29	25	15	10	20	83	7	02	2	0	0	9	7										
29	23	9882	27	23	13	10	19	83	7	02	2	0	0	9	7	6				12	58	864		32	26
30	02	9902	24	21	10	10	20	83	7	02	2	0	0	9	0	6									
30	05	9918	25	21	11	10	22	83	7	02	2	0	0	9	0	4									
30	08	9923	28	24	13	10	11	83	6	02	2	0	0	9	0	4									
30	11	9932	32	28	20	10	19	83	7	02	2	0	0	9	9	9									
30	14	9941	34	29	18	10	22	83	4	01	1	0	0	9	9	9									
30	17	9952	35	29	18	09	16	83	7	02	2	1	5	6	9	9									
30	20	9971	31	27	18	10	12	83	2	01	1	0	0	9	3	2									
30	23	9979	25	22	13	12	20	83	2	02	0	1	5	6	3	0				10	31	413		35	23

Results of Surface Observations,
Mawson December, 1955

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	9992	24	20	11	13	20	83	1	00	0	0	0	9	0	9									
01	05	9989	23	20	10	12	20	83	6	03	1	0	0	9	7	9									
01	08	9984	26	22	12	13	16	83	7	02	2	0	0	9	5	2									
01	11	9978	32	27	17	12	09	83	6	02	2	0	0	9	3	2									
01	14	9770	31	26	17	25	05	83	1	00	0	0	0	9	0	1									
01	17	9964	32	27	17	25	03	83	2	00	0	0	0	9	0	2									
01	20	9952	31	27	20	26	03	83	6	03	1	0	0	9	3	4									
01	23	9946	28	25	18	14	10	83	3	01	1	0	0	9	3	2				12	31	302		32	22
02	02	9936	24	21	14	15	17	83	4	02	1	0	0	9	7	0									
02	05	9925	22	19	09	15	22	83	2	01	1	0	0	9	7	0									
02	08	9910	26	22	12	15	17	83	1	00	0	0	0	9	3	0									
02	11	9909	33	27	15	15	13	83	0	00	0	0	0	9	0	0									
02	14	9905	33	27	17	27	04	83	0	00	0	0	0	9	0	0									
02	17	9897	32	27	19	27	04	83	0	00	0	0	0	9	0	0									
02	20	9899	32	28	19	26	04	83	1	00	0	0	0	9	3	0									
02	23	9893	27	23	15	14	13	83	1	00	0	0	0	9	3	0				14	30	298		35	22
03	02	9885	23	20	09	12	21	83	2	00	0	0	0	9	0	1									
03	05	9870	25	21	11	12	20	83	8	02	1	0	0	9	2										
03	08	9859	27	23	14	13	19	83	8	02	2	0	0	9	2										
03	11	9861	29	25	19	13	17	83	8	02	2	0	0	9	2										
03	14	9861	31	28	20	10	21	83	8	22	7	0	0	9	3	7									
03	17	9862	33	28	19	09	14	83	6	02	1	1	5	6	3	0									
03	20	9864	32	28	23	08	04	83	5	02	1	0	0	9	3	0									
03	23	9867	26	24	20	16	05	83	0	00	1	0	0	9	0	0				12	32	371		33	22
04	02	9854	22	19	11	13	20	83	1	00	0	0	0	9	4	0									
04	05	9847	23	20	11	12	23	83	5	03	1	0	0	9	3	0									
04	08	9839	29	25	17	13	21	83	1	01	1	0	0	9	3	0									
04	11	9835	35	30	20	10	12	83	2	02	0	0	0	9	3	0									
04	14	9836	35	30	20	04	08	83	3	02	0	0	0	9	3	0									
04	17	9837	35	30	22	25	06	83	4	03	1	0	0	9	7	0									
04	20	9838	32	28	19	12	10	83	4	03	1	2	5	6	7	0									
04	23	9847	28	25	17	12	24	83	5	03	1	2	5	6	4	5				12	31	355		38	21
05	02	9850	27	24	16	13	22	83	6	02	1	0	0	9	3	5									
05	05	9854	26	23	13	13	19	83	5	01	1	0	0	9	7	2									
05	08	9856	29	25	15	12	15	83	2	02	1	0	0	9	5	2									
05	11	9851	31	27	20	05	06	83	1	00	0	0	0	9	3	0									
05	14	9846	31	27	20	24	05	83	0	00	0	0	0	9	0										
05	17	9831	33	28	19	31	04	83	0	00	0	0	0	9	0	0									
05	20	9819	31	27	21	27	04	83	0	00	0	0	0	9	0	0									
05	23	9815	27	26	23	27	04	83	0	00	0	0	0	9	0	0				13	29	253		33	26
06	02	9809	24	24	23	09	04	83	1	02	0	0	0	9	3	0									
06	05	9800	25	22	14	04	13	83	3	03	1	0	0	9	3	2									
06	08	9793	29	25	15	02	12	83	2	02	0	0	0	9	3	2									
06	11	9797	31	27	18	11	04	83	3	02	0	0	0	9	3	2									
06	14	9802	31	27	20	31	05	83	3	02	0	0	0	9	2	2									
06	17	9808	35	30	22	08	05	83	2	00	0	0	0	9	3	1									
06	20	9827	34	29	20	08	04	83	1	00	0	0	0	9	2	0									
06	23	9840	28	26	20	27	04	83	1	00	0	0	0	9	3	0				24	21	090		35	23
07	02	9851	26	25	22	12	04	83	0	00	0	0	0	9	0	0									
07	05	9859	27	25	21	09	04	83	1	00	0	0	0	9	3	0									
07	08	9857	27	24	20	33	05	83	4	03	0	0	0	9	3	5									
07	11	9861	30	27	22	27	05	83	2	03	0	0	0	9	3	4									
07	14	9852	33	29	22	32	05	83	4	03	1	0	0	9	3	9									
07	17	9851	32	28	23	05	05	83	6	02	2	1	2	6	3	9									
07	20	9844	31	29	26	06	08	83	5	02	2	1	1	5	3	9	2								
07	23	9844	28	26	22	14	13	83	6	02	2	1	4	5	3	2	2			14	15	086		35	25
08	02	9844	27	25	21	13	15	83	4	02	1	0	0	9	3	0									
08	05	9844	28	25	22	13	17	83	5	02	1	0	0	9	3	0									
08	08	9848	29	26	20	13	15	83	6	03	1	3	5	7	3	2									
08	11	9850	33	29	24	10	09	83	7	02	2	3	5	6	3	2									
08	14	9860	32	29	24	07	09	83	7	02	2	1	5	6	7	9									
08	17	9863	34	30	24	07	09	83	7	02	2	7	5	6											
08	20	9869	31	28	24	04	09	83	8	02	2	8	5	6											
08	23	9878	30	28	25	08	05	83	8	02	2	8	5	6						14	25	267		34	25
09	02	9884	28	26	21	12	14	83	8	02	2	8	5	6											
09	05	9889	27	25	20	12	16	83	8	02	2	8	5	6											
09	08	9888	31	28	21	12	06	83	7	02	2	0	5	9	3										
09	11	9882	35	31	22	12	13	83	7	01	2	1	5	8	3	0									
09	14	9879	36	31	22	09	11	83	7	02	2	6	5	7	3										
09	17	9876	34	29	21	11	20	83	8	02	2	7	5	6	3										
09	20	9878	33	29	23	11	14	83	8	02	2	8	5	6											
09	23	9880	31	27	21	11	16	83	7	02	2	6	5	6	3					11	29	301		37	27

Results of Surface Observations, Mawson December, 1955

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	9880	31	27	21	12	25	83	8	02	2	8	5	6											
10	05	9876	32	27	19	13	26	83	8	02	2	8	5	6											
10	08	9876	33	28	21	13	25	83	7	02	2	7	5	6											
10	11	9876	37	31	24	12	25	83	4	02	2	3	5	6	3	0									
10	14	9883	36	32	26	10	21	83	4	16	1	3	5	6	3	0									
10	17	9890	35	33	29	08	17	81	8	70	7	8	5	6			2								
10	20	9899	33	32	30	04	04	40	8	71	7	8	6	4											
10	23	9903	30	29	27	26	11	83	7	01	7	6	5	6	3					13	37	410		37	30
11	02	9906	29	25	17	15	18	83	1	01	1	0	0	9	3	0									
11	05	9906	28	24	14	16	17	83	1	02	0	0	0	9	3	0									
11	08	9902	33	17	17	15	09	83	1	02	0	0	0	9	3	0									
11	11	9914	30	27	21	27	08	83	1	02	0	0	0	9	3	0									
11	14	9915	33	27	17	27	04	83	1	02	0	0	0	9	3	0									
11	17	9920	33	28	23	27	02	83	1	02	0	1	5	6	0	0									
11	20	9920	35	29	19	09	02	83	1	02	0	1	5	6	0	0									
11	23	9923	29	27	25	18	04	83	7	03	1	7	5	6						14	26	160		35	28
12	02	9915	25	22	15	13	21	83	1	02	1	1	5	6	0	0									
12	05	9903	26	22	12	12	28	83	1	02	0	1	5	6	0	0									
12	08	9887	28	23	13	12	31	83	1	02	0	0	0	9	0	5									
12	11	9872	33	28	17	11	32	83	3	03	0	0	0	9	3	4									
12	14	9865	35	29	19	11	28	83	7	03	2	0	0	9	7										
12	17	9860	35	29	19	11	31	83	8	03	2	0	0	9	7										
12	20	9856	31	27	18	11	31	83	8	02	2	0	0	9	7										
12	23	9859	30	25	16	12	32	83	8	02	2	0	0	9	2					11	45	622		36	24
13	02	9860	29	25	15	12	30	83	8	02	2	0	0	9	2										
13	05	9860	31	26	16	14	31	83	8	02	2	0	0	9	1										
13	08	9856	33	27	15	14	31	83	8	02	2	0	0	9	1										
13	11	9848	35	29	17	14	31	83	8	02	2	0	0	9	1										
13	14	9847	38	31	20	12	26	83	7	01	2	0	0	9	7										
13	17	9833	37	31	19	14	27	83	8	02	2	0	0	9	7	7									
13	20	9838	35	29	19	13	22	83	7	02	2	0	0	9	7										
13	23	9836	32	27	17	12	25	83	7	02	2	0	0	9	7	2				13	48	655		38	29
14	02	9841	29	24	15	13	30	83	4	02	1	0	0	9	3	2									
14	05	9836	31	26	16	13	25	83	4	02	1	0	0	9	3	2									
14	08	9836	33	27	16	13	21	83	4	02	1	0	0	9	3	2									
14	11	9833	36	30	18	13	24	83	7	02	2	0	0	9	3	2									
14	14	9840	39	32	21	12	25	83	2	01	1	0	0	9	3	5									
14	17	9836	41	33	22	11	18	83	1	01	0	0	0	9	0	5									
14	20	9846	38	31	21	01	08	83	2	02	0	0	0	9	3	5									
14	23	9852	30	25	15	13	23	83	2	03	0	0	0	9	3	5				13	40	426		41	28
15	02	9860	28	23	11	13	31	83	2	02	1	0	0	9	3	0									
15	05	9867	28	23	10	13	31	83	5	03	1	0	0	9	3	6									
15	08	9878	30	25	13	13	26	83	7	03	1	0	0	9	3	6									
15	11	9883	36	30	19	11	15	83	7	03	2	1	5	7	0	6									
15	14	9898	39	32	21	07	08	83	7	03	2	1	5	7	1	6									
15	17	9909	39	32	22	08	08	83	7	02	2	1	5	7	1	6									
15	20	9917	37	31	22	27	04	83	7	02	2	1	5	7	1	6									
15	23	9922	30	26	17	13	18	83	7	02	2	1	5	7	3	6				13	42	418		40	27
16	02	9932	27	23	14	15	17	83	1	02	1	1	5	7	0	6									
16	05	9937	28	25	14	15	17	83	4	02	2	0	0	9	0	6									
16	08	9940	29	24	15	13	26	83	4	02	1	0	0	9	0	6									
16	11	9948	34	28	18	12	18	83	5	02	2	0	0	9	3	2									
16	14	9962	34	29	21	05	12	83	4	02	2	0	0	9	0	2									
16	17	9964	34	29	20	07	08	83	3	02	2	0	0	9	0	2									
16	20	9967	33	29	21	22	05	83	3	02	2	0	0	9	3	2									
16	23	9967	30	26	17	13	16	83	3	02	2	1	5	6	3	2				13	35	314		35	25
17	02	9969	25	21	12	13	25	83	2	02	0	0	0	9	3	2									
17	05	9970	26	22	12	13	26	83	1	02	0	0	0	9	3	0									
17	08	9962	34	29	20	13	26	83	1	02	0	0	0	9	3	0									
17	11	9966	34	29	20	09	21	83	3	03	0	0	0	9	3	0									
17	14	9967	34	30	22	32	08	83	3	02	0	3	8	6	0	0									
17	17	9960	35	30	23	09	04	83	4	02	1	3	5	6	3	0									
17	20	9957	35	31	23	07	08	83	2	01	1	3	8	6	3	0									
17	23	9946	30	26	18	11	29	83	6	03	0	2	5	6	3	0				13	37	440		37	25
18	02	9930	26	22	14	11	36	83	7	03	1	0	0	9	3										
18	05	9913	27	23	14	11	41	83	7	02	2	0	0	9	3										
18	08	9920	31	27	19	11	32	83	3	02	1	0	0	9	3	2									
18	11	9913	35	29	20	11	30	83	3	02	1	2	5	6	3	0									
18	14	9901	37	31	20	10	33	83	2	02	1	1	5	6	3	1									
18	17	9891	36	30	19	11	31	83	1	02	1	0	0	9	4	0									
18	20	9890	32	27	16	12	33	83	2	02	1	0	0	9	4	0									
18	23	9894	29	24	12	12	38	83	2	02	1	1	5	6	4	0				12	51	777		37	26

Results of Surface Observations,
Mawson December, 1955

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	9886	29	23	11	12	42	85	2	02	1	0	0	9	0	5								
19	05	9884	28	23	11	12	41	83	2	02	1	0	0	9	0	5								
19	08	9885	31	25	12	12	36	83	2	02	1	0	0	9	5	1								
19	11	9888	33	27	15	12	35	83	3	03	1	0	0	9	5	5		2						
19	14	9889	35	29	18	12	35	83	3	03	1	0	0	9	5	5		2						
19	17	9904	36	30	20	12	30	83	3	02	1	0	0	9	5	5								
19	20	9906	33	27	17	12	32	83	5	03	1	0	0	9	5	5								
19	23	9912	31	26	14	12	30	83	7	03	2	0	0	9	5	5				12	60	615		36	27
20	02	9910	29	24	11	13	32	83	5	01	1	0	0	9	5	0								
20	05	9916	28	23	11	13	31	83	5	01	1	0	0	9	3	0								
20	08	9922	32	26	16	13	30	83	3	01	1	1	5	6	3	5								
20	11	9931	33	28	17	12	20	83	7	03	1	2	5	6	7									
20	14	9938	35	29	19	12	20	83	7	15	2	0	0	9	7									
20	17	9944	38	31	21	11	13	83	8	02	2	4	5	6	7									
20	20	9951	35	30	21	12	19	83	8	02	2	0	0	9	7									
20	23	9960	33	27	19	12	25	83	8	02	2	0	0	9	7					13	47	565		38	27
21	02	9976	32	27	18	13	20	83	8	02	2	0	0	9	7									
21	05	9982	33	27	18	12	21	85	7	02	2	0	0	9	7									
21	08	9991	34	29	20	12	21	83	4	01	2	2	5	7	3	0								
21	11	9997	37	31	21	05	04	83	7	03	1	4	5	6	3									
21	14	0009	37	32	23	18	04	83	7	02	2	5	5	8	7									
21	17	0009	35	30	22	24	05	83	6	02	2	4	5	7	3	1								
21	20	0009	36	31	22	26	04	83	7	02	2	1	5	7	3									
21	23	0015	35	30	21	25	04	83	7	02	2	1	5	7	3					12	29	281		40	32
22	02	0017	30	26	16	12	25	83	7	02	2	0	0	9	3									
22	05	0022	32	27	17	12	18	83	2	02	2	0	0	9	3	0								
22	08	0019	34	29	20	11	20	83	7	02	1	2	5	7	7	2								
22	11	0018	37	32	24	08	08	83	7	02	2	0	0	9	7									
22	14	0017	37	31	21	16	05	83	7	02	2	4	5	7	7									
22	17	0020	37	31	24	24	05	83	8	02	2	0	0	9	7									
22	20	0016	37	31	25	27	06	83	7	02	2	7	6	5										
22	23	0017	35	31	23	13	18	83	7	02	2	7	6	5						12	33	268		40	30
23	02	0025	33	29	21	13	20	83	7	02	2	6	6	5	9									
23	05	0026	32	28	20	13	18	83	8	14	2	7	6	5	7									
23	08	0031	35	30	22	12	17	83	8	02	2	8	5	5										
23	11	0031	38	33	24	07	06	83	7	02	2	7	5	6										
23	14	0038	39	33	25	23	08	83	7	02	2	0	0	9	3									
23	17	0039	38	33	24	23	08	83	8	02	2	1	5	6	3	8								
23	20	0040	36	31	22	23	05	83	8	02	2	1	5	6	7									
23	23	0040	35	30	22	21	03	83	7	02	2	3	5	6	3					13	31	228		39	32
24	02	0034	33	29	22	12	19	83	3	02	1	0	0	9	3	9								
24	05	0039	33	29	22	12	25	83	3	02	1	0	0	9	3	9								
24	08	0037	35	30	23	11	21	83	3	02	1	0	0	9	3	2								
24	11	0042	39	34	25	10	16	83	7	03	1	6	5	6	4									
24	14	0050	41	35	28	08	14	83	3	02	1	1	8	6	4	2								
24	17	0055	39	34	26	08	12	83	4	02	1	2	8	5	4	2								
24	20	0059	35	31	26	24	06	83	3	02	1	3	5	6	4	2								
24	23	0057	33	30	25	23	08	83	6	03	1	5	5	6	3	0				12	31	331		41	31
25	02	0058	32	28	21	16	15	83	6	02	2	5	5	6	4	0								
25	05	0054	32	28	19	02	13	83	6	02	2	5	5	6	3	0								
25	08	0035	36	30	20	12	31	83	4	01	1	1	5	6	3	5								
25	11	0034	38	32	24	12	25	83	6	03	1	5	5	7	3	0								
25	14	0028	39	33	24	12	25	83	6	02	2	5	5	7	3	0								
25	17	0018	38	32	26	12	26	83	7	02	2	6	5	7	3									
25	20	0009	37	31	21	12	31	83	7	02	2	6	5	7	3									
25	23	0003	34	28	18	14	26	83	7	02	2	6	5	7	3					12	45	483		41	31
26	02	9993	32	27	18	14	22	83	7	02	2	7	5	7										
26	05	9971	33	28	19	12	26	83	7	02	2	6	5	7	3									
26	08	9950	35	30	20	13	26	83	2	02	1	2	5	7	3									
26	11	9933	39	32	21	14	26	83	4	03	1	1	5	7	3	8								
26	14	9930	37	31	22	12	26	83	5	02	2	5	5	7	0	0								
26	17	9932	38	32	23	10	17	83	7	02	2	5	5	7	3									
26	20	9943	38	33	26	09	04	83	7	03	1	2	5	7	3	6								
26	23	9956	33	28	19	13	15	83	7	02	1	3	5	7	3	1	3			14	47	492		39	31
27	02	9954	32	27	17	13	31	83	2	01	1	1	5	6	3	0								
27	05	9966	33	27	17	13	25	83	7	03	1	7	5	6										
27	08	9986	34	30	24	09	20	83	7	02	2	6	5	6	3									
27	11	0003	36	33	29	08	18	83	6	02	1	4	8	4	9	9								
27	14	0023	37	34	27	09	16	83	6	02	2	4	8	5	3	5								
27	17	0035	37	34	26	08	12	83	5	02	8	3	8	5	3	5								
27	20	0046	36	33	28	09	08	83	3	02	2	1	8	5	3	2								
27	23	0061	33	31	27	11	10	83	7	02	2	5	8	5	3	9				13	44	420		38	31

Results of Surface Observations, Mawson December, 1955

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	0067	32	29	23	13	24	83	7	02	2	0	0	9	7										
28	05	0092	32	29	25	12	22	83	8	02	2	4	5	6	7										
28	08	0064	35	30	25	14	22	83	8	02	2	6	5	7	7										
28	11	0045	38	33	24	11	20	83	6	02	2	5	5	7	3										
28	14	0013	39	33	25	13	31	83	7	02	2	6	5	7	3										
28	17	9977	38	32	24	13	39	83	8	02	2	0	0	9	1										
28	20	9937	38	32	24	13	39	83	8	14	2	0	0	9	1										
28	23	9913	35	33	30	13	44	08	8	71	7	0	0	9	2					13	68	585		40	32
29	02	9883	35	33	30	13	49	40	8	70	7	4	5	7	2										
29	05	9867	36	34	31	12	46	80	8	70	7	3	5	7	2										
29	08	9988	36	35	34	11	31	40	8	61	6	8	6	2											
29	11	9895	39	36	32	12	45	82	8	02	7	5	5	7	2										
29	14	9918	41	36	29	11	40	83	7	02	2	6	5	7	2										
29	17	9942	38	34	28	09	40	83	8	02	2	4	5	7	2										
29	20	9930	40	36	30	11	39	83	8	02	2	5	5	7	2										
29	23	9942	38	35	31	07	08	83	8	02	2	5	5	7	2					13	79	923		41	35
30	02	9925	39	35	29	11	40	83	6	01	1	3	5	7	3	9									
30	05	9930	37	33	27	12	40	83	7	03	2	3	5	7	7										
30	08	9924	38	34	27	13	40	83	6	02	2	6	5	7	0	0									
30	11	9915	38	33	27	13	44	83	7	02	2	6	5	7	3										
30	14	9921	39	34	28	12	36	83	7	02	2	5	5	7	3	5									
30	17	9920	39	35	28	11	33	83	6	02	2	4	5	7	3	0									
30	20	9922	36	32	26	12	38	83	5	02	2	5	5	7	0	0									
30	23	9926	35	30	23	12	40	83	5	02	2	5	5	7	0	0				13	63	949		39	34
31	02	9934	31	27	20	12	35	83	1	02	0	0	0	9	3	0									
31	05	9936	31	27	20	12	35	83	1	01	0	1	5	6	0	0									
31	08	9945	34	29	22	12	26	83	2	02	0	1	5	6	3	0									
31	11	9952	40	34	25	08	08	83	1	02	0	0	0	9	4	0									
31	14	9953	38	33	26	09	07	83	1	02	0	0	0	9	4	0									
31	17	9952	38	33	26	32	04	83	2	03	0	0	0	9	3	2									
31	20	9952	35	31	23	09	05	83	1	02	0	0	0	9	3	0									
31	23	9956	33	30	23	15	04	83	1	02	0	0	0	9	3	0				13	59	414		40	30

Results of Radiosonde Observations, Macquarie Island, January, 1955

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	+087	55	-06	079	+026	46	125	+017	48	174	-002	44	279	-081	23	398	131	12
02	982	+071	49	-14	072	+010	37	117	-028	31	165	-037	31	269	-120	11	386	183	
03	975	+059	45	-20	065	+000	33	111	-030	31	159	-065	25	262	-096	19	380	172	10
04	974	+064	52	-21	065	+030	46	111	+004	42	160	-028	35	265	-069	28	383	132	18
05	985	+053	30	-12	074	+006	24	119	-050	22	167	-057	17	271	-084	12	389	145	08
06	991	+082	51	-07	079	+016	35	125	-008	23	173	-034	15	277	-110	07	393	207	03
07	994	+081	47	-04	081	+006	33	127	-021	25	175	-051	15	278	-126	08	394	221	03
08	998	+090	70	-01	085	+042	48	132	+014	41	181	-015	32	285	-091	19	403	165	13
09	990	+071	38	-08	078	-001	31	124	-027	25	171	-047	22	275	-107		392	194	07
10	995	+082	52	-04	082	+009	31	128	-036	25	175	-071	20	280	-084	17	398	143	07
11	000	+073	47	+01	086	+000	28	132	-017	15	180	-033	15	284	-127	10	400	178	
12	998	+070	49	-01	085	+014	38	130	-020	26	178	-045	24	282	-119	17	399	205	10
13	010	+070	33	+09	094	-024	26	139	-051	18	187	-069	07	290	-124	09	406	189	
14	001	+073	57	+01	088	+024	44	134	+016	45	183	+012	45	289	-046	32	409	114	09
15	998	+078	49	-02	084	-012	34	130	-030	32	178	-045	21	281	-119	13	398	189	06
16	005	+082	41	+05	090	-005	32	136	-029	29	184	-065	22	287	-083		405	168	10
17	000	+092	72	-16	071	+056	57	118	+029	49	166	+008	45	273	-050	33	392	132	16
18	998	+083	50	-09	077	+024	38	123	+000	30	171	-023	09	276	-074	11	394	156	06
19	996	+091	73	-08	079	+036	53	125	+019	51	174	-010	42	279	-065	31	398	130	20
20	985	+055	50	-22	074	-016	27	119	-051	22	166	-074	20	269	-141	15	384	205	10
21	004	+060	31	+04	089	-026	22	134	-064	19	181	-084	19	283	-171	11	398	189	10
22	004	+076	64	+04	090	+029	50	136	-001	44	185	-034	35	289	-076	26	408	145	15
23	994	+083	49	-00	086	+012	32	131	-018	22	179	-045	15	283	-121	08	399	180	
24	004	+056	39	+04	089	-011	29	134	-034	20	182	-070	14	285	-143	10	400	206	06
25	987	+045	46	-10	075	-003	34	121	-026	31	169	-057	27	272	-109	21	389	176	13
26	990	+042	40	-08	077	-020	31	122	-054	26	170	-080	23	272	-167	10	386	243	04
27	000	+035	36	+01	085	-037	27	130	-061	24	177	-094	18	279	-159	07	394	236	03
28	999	+071	53	-00	085	+009	39	131	+025	11	180	+016		287	-026	27	409	076	26
29	983	+090	53	-14	073	+020	28	118	-009	13	166	-048	07	270	-125		387	145	
30	980	+073	48	-16	070	+007	33	116	-016	34	164	-044	30	268	-109	19	385	160	13
31	981	+078	53	-15	071	+016	29	117	-022	24	164	-055	19	268	-127	11	384	205	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	535	238	06	694	357		888	477	156	461	347	444	619	446	769	420		
02	519	284	02	676	363		873	382										
03	515	245	04	673	348	01	869	441	146	378	343	416	616	437				
04	520	234	04	679	364	01	872	495	143	419	337	430	610	426	760	432	955	403
05	525	236		684	345		861	432	154	422	347	460	616	461	764	449		
06	526	292		682	368		878	422	151	422	345	454						
07	525	330		678	449		868	499	138	423	333	411	609	415	760	416		
08	538	260	06	696	377	02	889	513	148	527	336	479	606	434	756	423		
09	525	282	04	680	414		872	462	142	435	334	449	608	428	758	441		
10	534	233		694	352		887	513	152	444	345	434	617	428	768	405	964	2
11	535	267	03	692	382	02	864	525	147	481	338	458	608	447	758	431		
12	531	309	04	686	408		880	427	152	443	344	459	615	433	765	441		
13	540	273		698	350		892	490	158	472	350	443						
14	547	189		709	314		906	452	170	498	359	487	627	463	776	440		
15	532	254		690	362		883	502	150	451	342	438						
16	541	220	09	702	309	05	899	476	161	521	348	491	616	466	765	446	958	427
17	529	250	04	688	343		885	453	156	447	348	468	619	454	768	432	963	400
18	529	268		686	365		881	466	151	435	344	449	614	434	764	430	959	416
19	535	226	06	694	343	03	891	460	152	516	341	480	609	455	759	437		
20	517	306	04	672	395	01	866	428	142	417	336	427	610	434	761	415		
21	531	281	04	687	387		880	482	150	442	343	437						
22	544	224	09	704	329	03	900	464	164	496	353	497	618	487	766	453	957	458
23	533	273		690	369		885	468	157	422	351	442	619	475	767	454	959	435
24	533	289	02	690	366		884	470	154	448								
25	523	272	06	680	384	02	874	453	144	467	335	464	604	456	753	450	945	444
26	516	325	02	670	421		864	408	141	398	337	424	608	450	757	442		
27	525	314		681	355													
28	548	174	12	714	241	10	917	405	180	626	360	545	620	531	765	483		
29	522	228	04	682	338	02	877	457	150	421	344	447	613	479	760	463	952	442
30	520	253	07	678	383	02	869	497	139	440	332	440						
31	515	290	03	673	385	01	865	459	138	430	331	429	605	438	755	420	950	417

Results of Radiosonde Observations, Macquarie Island, February, 1955

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	+065	46	-06	080	-004	32	125	-045	27	173	-066	23	276	-129	16	391	211	09
02	002	+060	33	-02	087	-024	25	132	-065	20	179	-088	08	281	-157		396	208	
03	008	+045	36	+07	092	-026	28	138	+010	13	186	-011		292	-051		412	108	
04	014	+080	59	+12	098	+060	54	146	+091	44	196	+072	28	304	-010	24	425	088	10
05	015	+082	60	+13	099	+040	43	146	+074	39	196	+057	20	304	+014	31	426	075	10
06	003	+088	56	+03	089	+003	32	135	+000	13	183	-009		289	-051		409	110	09
07	997	+065	46	-02	083	-014	30	129	-041	25	176	-073	20	279	-132	15	395	179	05
08	011	+075	49	+10	095	-010	28	140	-052	15	189	+005	32	295	-052	11	415	115	07
09	997	+036	44	-02	083	-007	36	129	-023	34	176	-044	31	280	-103	22	398	170	13
10	001	+056	37	+01	086	-020	24	132	-056	18	179	-086	18	281	-158	10	396	219	06
11	017	+067	45	+14	099	-020	30	145	-048	26	179	-076	14	295	-116	09	412	155	05
12	011	+103	63	+10	096	+036	39	143	+021	44	191	+010	40	298	-020		418	109	16
13	000	+090	59	+01	087	+032	46	133	+014	36	182	-018	34	288	-047	17	407	128	07
14	993	+053	48	-05	080	-024	31	125	-060	27	172	-085	23	275	-145	15	390	218	03
15	003	+054	35	+03	088	-026	26	133	-056	16	180	-080	11	283	-141	13	400	157	08
16	012	+080	50	+10	096	+026	36	143	+031	39	192	+006	31	298	-011	13	420	070	
17	013	+078	63	+11	097	+029	50	144	+008	47	192	-008	43	298	-040	20	419	103	19
18	995	+076	58	-04	082	+017	16	128	+001	15	176	-034	13	282	-061	27	401	138	18
19	985	+079	57	-12	074	+012	41	120	-014	37	168	-035	31	273	-089	25	391	124	15
20	985	+042	36	-12	073	-035	25	118	-029	15	166	-067	08	269	-118		385	188	07
21	983	+077	67	-13	073	+027	52	119	+000	44	167	-034	36	272	-097	23	389	156	15
22	989	+054	57	-08	077	-017	37	122	-057	28	169	-088	20	271	-171	08	385	240	05
23	996	+066	39	-03	083	-003	36	128	-029	25	176	-062	16	279	-134	12	395	192	09
24	989	+071	58	-08	077	+014	38	123	-019	30	171	-047	27	275	-123	17	391	201	03
25	991	+075	44	-07	078	-018	29	124	-058	21	171	-082	15	273	-150	04	387	249	02
26	006	+041	32	+06	090	-031	26	135	-044	16	183	-068		286	-109		403	163	08
27	973	+086	70	-22	065	+040	46	111	+009	40	159	-018	34	264	-086	25	382	166	13
28	007	+057	26	+06	091	-036	22	136	-078	18	183	-064	06	287	-085		406	125	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	523	310	04	678	419		868	454	141	412	337	413	612	409	764	397		
02	529	292		686	377	01	880	449	152	434	345	443						
03	549	210	05	711	316	02	908	465	172	499	360	506	625	484				
04	564	189	11	727	291	04	926	441	187	535	374	529	634	534	779	489	969	446
05	565	183	10	728	269		928	445	193	526	377	569	633	555				
06	546	222	06	706	346	02	900	499	165	474	356	478	622	486	769	473	960	432
07	528	282		685	402		880	434	151	445	343	446	613	459	762	446	955	424
08	552	215	08	713	310	04	911	465	169	590	354	529	617	492	765	455		
09	531	278	05	689	362	02	884	464	153	478	343	467	611	466	759	451		
10	528	300	04	683	401	01	875	461	147	424	340	457	612	451	762	431	956	406
11	548	241	06	706	362	02	899	488										
12	556	186	12	719	281	07	919	438	179	572	364	509	629	496	776	477	966	452
13	543	232		704	328		901	438	166	486	354	504	617	517	763	487		
14	521	313		675	422		867	443	143	408	336	445	606	473	754	460	946	438
15	535	248	06	693	362	03	886	509	148	497	337	476	604	466	752	464	944	450
16	560	151	10	725	259	04	927	420	190	607	370	575	627	546	771	521	958	493
17	557	194	04	719	302	02	918	444	182	528	368	528	630	498	775	513		
18	538	195	08	699	308		897	467	160	472	350	487	616	476	763	482	954	463
19	528	223		688	360		881	514	149	437	341	453	611	470	759	447	951	454
20	519	266	02	677	380	01	870	482	143	407	337	420	609	443	758	447	950	462
21	525	221	07	685	335	02	881	469	150	452	342	454	613	455	762	435	956	428
22	517	280	04	673	399	01	864	481	135	421	329	445	599	446	749	437		
23	528	262	03	686	372		879	481	150	438	343	459	612	468	760	459	952	444
24	524	270		682	359		879	434	150	454	340	478						
25	517	359	01	668	458		860	414	136	401	331	428	604	425	754	448	947	420
26	539	245	04	698	355	02	894	456	161	481	349	502	614	492	761	468		
27	516	258	06	675	360	03	871	381	153	372	350	400	626	422	777	414	972	405
28	543	211	06															

Results of Radiosonde Observations, Macquarie Island, March, 1955

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	011	+075	49	+10	095	+000	36	141	−027	33	189	−037	29	294	−080	24	413	124	20
02	002	+088	51	+02	088	+000	31	134	−025	21	181	−069	19	285	−128	06	401	174	
03	003	+063	47	+03	089	+000	35	134	−025	31	182	−051	27	286	−120	17	402	176	10
04	012	+061	34	+10	095	−023	25	140	−054	23	188	−079	18	291	−073		409	163	08
05	008	+072	59	+07	093	+026	40	139	+000	26	187	−042	26	291	−110	20	408	166	12
06	981	+058	59	−15	071	+025	51	117	+003	45	166	−010	43	270	−098	22	388	170	11
07	003	+084	54	+03	092	+016	29	135	−012	24	183	−024	14	288	−084	12	406	159	05
08	988	+069	59	−09	077	+020	44	123	−008	36	171	−026	30	276	−075	25	395	144	17
09	979	+085	56	−17	069	+023	41	115	−015	33	163	−038	17	267	−114	07	383	205	08
10	998	+066	46	−01	084	−027	26	129	−054	16	177	−084	08	278	−167	08	392	238	02
11	010	+076	60	+09	095	+030	47	141	+005	39	190	+008	33	296	−041	20	416	115	12
12	999	+095		−00	086	+056		133	+034		182	+047		290	+014		413	055	
13	000	+072	52	+01	086	+007	39	132	−030	32	180	−049	19	284	−082		403	125	
14	980	+068	61	−16	070	+000	37	115	−037	29	163	−061	25	266	−125	15	382	216	05
15	996	+047	39	+03	082	−023	30	127	−054	24	175	−060	25	278	−104	20	395	173	13
16	987	+063	55	−10	076	+008	42	121	−020	35	169	−050	28	273	−125	11	389	196	06
17	000	+036	35	+01	085	−050	21	130	−076	18	176	−114	15	279	−138	05	395	188	
18	990	+044	40	−07	077	−029	25	122	−063	20	169	−104	16	271	−168	06	386	204	
19	008	+040	38	+07	091	−041	21	136	−071	18	183	−110	10	284	−176	04	398	269	02
20	985	+054	34	−12	074	−018	26	119	−056	23	166	−094	19	269	−130	05	385	176	
21	988	+031	30	−09	076	−033	24	120	−075	19	167	−109	17	269	−174	06	382	270	02
22	995	+086	65	−03	083	+067	64	130	+043	58	179	+024	24	288	+020	27	410	073	15
23	995	+056	57	−03	082	+017	47	128	+000	44	177	−016	40	283	+039	35	403	073	31
24	982	+060	58	−14	072	+010	43	117	−022	35	165	−040	32	270	−095	20	388	145	
25	992	+061	48	−06	079	−005	31	125	−039	26	172	−065	20	276	−099	12	394	132	18
26	985	+015	43	−11	073	−035	29	118	−060	26	165	−090	22	267	−168	12	381	249	06
27	994	+070	57	−04	081	+000	37	127	−020	33	175	−044	28	279	−105	18	396	176	10
28	004	+044	36	+04	089	−027	28	134	−029	10	182	−044		286	−086		404	134	13
29	976	+073	56	−19	067	+027	41	113	−009	36	161	−040	32	265	−114	19	381	190	11
30	991	+051	56	−06	078	−017	37	124	−049	31	171	−087	22	273	−158	12	388	224	07
31	002	+033	26	+02	086	−054	14	131	−094	11	177	−136	10	278	−182	04	391	255	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	550	223	10	710	323	04	906	485	165	552	350	519	612	518	758	487	948	464
02	535	284	03	691	376	01	884	493	151	464	341	463	610	476	758	455	950	451
03	536	283	04	692	410		882	493	151	466	342	469	609	482	756	473	947	459
04	544	253	03	703	354	01	897	494	158	486								
05	542	264	05	700	372	01	894	480	159	494	347	515	611	495	757	484	947	476
06	524	205	10	686	305	05	885	408	157	452	348	486	614	482	762	466	953	459
07	540	252	05	699	357	03	893	500	156	485	346	474	614	471	762	457	954	457
08	531	207	04	692	329		888	466	155	469	346	476	609	528	753	519	941	478
09	517	226		678	315		878	385	153	430								
10	524	306		679	429		869	454	143	429	336	459	605	472	753	458		
11	554	202	10	716	307	04	913	466	174	548	358	530						
12	554	140		719	262		921	395	192	451	384	455						
13	539	213	07	700	317		898	456	160	528	347	515	610	487	757	476	948	466
14	514	302		669	403	01	865	394	141	427	333	463	601	474	748	484		
15	529	256		687	366		880	508	147	455	337	493	602	494	748	479		
16	522	276	02	680	361		873	485	141	462	332	451						
17	528	285		684	397	01	879	456										
18	519	264		678	351													
19	528	323		683	406													
20	520	229																
21	511	347		664	401													
22	549	178	09															
23	543	159	16	707	272	06	909	428	171	558	356	519	617	535	760	532		
24	524	228		684	335		883	399	155	471	344	498	607	523				
25	531	204	12	694	280	07	896	399	165	531	348	561	608	523	752	528	938	531
26	510	354	02	662	445		854	426	128	436	321	460	587	501				
27	530	274	05	687	355	02	883	476	145	498	333	513	596	515	741	510		
28	541	205	11	703	301	05	901	475	159	539	343	556						
29	514	300	05	669	422		861	447	135	437	326	486						
30	519	310	03	674	425		863	485	134	448	326	462	594	485	741	468	932	464
31	521	343		674	442		864	435										

Results of Radiosonde Observations, Macquarie Island, April, 1955

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
02	008	+024	31	+07	092	+041	46	138	+010	42	187	−010	40	293	−041	26	413	105	11
03	011	+050	49	+10	096	+036	42	142	+011	36	190	−015	33	297	−013	10	418	089	
04	004	+056	59	+04	090	+023	48	136	+000	41	184	−014	39	289	−055	16	409	122	14
05	997	+056	56	−00	085	+016	46	131	−002	42	180	−021	38	285	−080	25	403	134	18
06	996	+057	36	−03	083	−016	26	128	−058	22	175	−097	15	277	−164	10	391	242	03
07	000	+074	60	+01	087	+033	54	133	+006	46	182	−004	46	287	−060	33	406	149	09
08	007	+036	37	+06	091	−036	24	136	−064	21	183	−054		288	−084	09	406	148	
09	993	+056	49	−05	080	+000	31	126	−047	22	173	−077	16	276	−146	07	391	233	
10	018	+069	58	+15	101	+056	62	148	+033	55	197	+020	50	304	−028	28	425	084	
11	014	+045	46	+12	098	+100	68	146	+095	43	196	+094	29	306	+042		428	059	
12	005	+058	55	+05	091	+130	38	139	+105	18	189	+076	15	297	+001	11	420	069	09
13	010	+025	32	+09	093	−018	29	138	−012	26	187	−014		293	−035		413	109	
14	022	+039	33	+18	102	−013	08	148	+019		197	+021		304	−016	11	425	079	
15	011	+072	63	+10	097	+078	74	144	+060	62									
16	998	+081	52	−01	085	+020	44	131	+008	38	179	+000	30	285	−044	09	405	112	08
17	008	+071	58	+07	094	+047	50	140	+031	46	189	−007	34	295	−040	20	415	122	07
18	001	+079	65	+01	088	+058	63	135	+038	59	184	+010	52	291	−055	34	409	149	06
19	006	+059	45	+06	090	−023	29	136	−049	26	183	−070	19	286	−112	06	403	179	04
20	016	+033	32	+13	097	−059	23	143	−031	13	191	−026		296	−076	13	414	147	10
21	007	+057	55	+06	092	+007	42	138	−017	35	186	−023	28	291	−078	16	409	148	09
22	996	+042	37	−03	082	−026	17	127	−066	13	174	−095	11	276	−138		392	194	
23	007	+056	44	+06	091	−013	32	137	+012	34	186	−019	27	291	−095	21	408	138	10
24	996	+033	39	−03	082	−045	23	127	−072	20	174	−093	20	277	−095		395	142	
25	998	+011	29	−01	084	−065	18	128	−088	15	175	−145	13	275	−188	05	388	245	
26	993	+020	25	−16	079	−076	17	123	−106	10	169	−137	06	269	−212	03	381	299	02
27	997	+004	30	−02	082	−070	19	126	−094	13	172	−129	08	273	−163	10	388	221	07
28	000	+051	42	+01	085	−035	28	130	−060	24	177	−090	22	280	−134	18	396	164	15
29	018	+041	41	+15	100	−035	31	145	−035	32	193	−062	27	297	−058		417	121	
30	023	+043	51	+19	106	+038	49	152	−003	39	200	−030	36	304	−098	22	423	104	

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
02	551	180	06	714	295		912	460	171	579	353	557						
03	556	191	04	718	325		915	469	176	552	359	554	616	568	757	570	939	570
04	546	203	11	707	344	03	902	483	162	532	347	538	607	549	749	548	935	552
05	541	170	15	704	292	05	903	453	160	665	337	580	595	548	737	552	921	538
06	521	319		677	378		871	456	142	469	333	457	549	491	745	487	935	494
07	542	228		702	333		900	455	161	509	347	545						
08	542	221	06	702	349		895	518	157	491	344	523	605	546	748	545	932	534
09	521	330		676	384		873	398	147	463	337	498	601	516	745	533		
10	564	174	13	726	305	04	925	448	185	558	368	574	622	590	761	617	940	590
11	568	156	10	734	263		933	448	194	547	377	589	628	621	767	611	946	593
12	559	184	05	722	301	02	920	465	180	545	364	576	617	587	757	590	937	600
13	551	172	14	715	284	07	914	455	172	574	354	558	610	565	751	582	932	583
14	565	155		729	289	04	927	456	186	635	364	524	618	589	757	602	936	606
15	542	225	04	703	331		899	480	168	436	357	525	615	554	757	571	938	571
16	552	222		712	341		907	500	165	540	351	517	613	524	757	544	941	545
17	545	222		706	337	02	901	485	158	591	341	531	603	546	746	526		
18	537	247	05	695	373	01	889	494	153	513	340	520	602	520	746	531	931	551
19	550	238	04	709	360	02	902	513	162	508	349	517	611	528	754	527	940	529
20	544	242	07	703	362	02	896	522	152	521	338	516	601	521	745	524	931	536
21	526	250		684	364	01	879	487	143	488	331	524	593	517	737	530		
22	544	234	05	704	343	02	899	480	158	586	340	558	600	540	743	539	927	551
23	531	232	09	691	331	04	887	478	147	528	332	548						
24	520	299		676	368	01	870	501	135	474	325	484	590	506				
25	508	418	02	655	503		845	434	119	435	311	471	578	510	723	510	909	524
26	519	279		677	358	02												
27	554	217		716	299	02	915	453										
28	561	204		722	336		918	473	175	652	352	590	607	579				

Results of Radiosonde Observations, Macquarie Island, May. 1955

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	015	+057	53	+13	098	+021	42	144	−010	35	193	−020	36	298	−068	28	417	131	13
02	999	+033	47	+00	085	−008	40	130	−026	37	178	−047	34	282	−106	19	399	169	11
03	993	+032	26	−05	079	−041	24	124	−073	16	171	−106	12	272	−195	06	384	277	04
04	997	+051	51	−02	083	+004	40	129	−016	37	177	−043	32	281	−091	25	399	159	16
05	997	+066	54	−02	084	+027	40	130	−013	32	178	−034	31	283	−058		402	140	
06	992	+050	50	−06	079	+000	39	125	−033	32	173	−019	37	279	−063	27	397	143	17
07	977	+032	49	−18	066	−020	34	112	−041	31	159	−066	27	262	−128	20	378	191	12
08	995	+017	42	−03	081	−037	29	126	−076	19	173	−110	14	274	−181	06	387	247	02
09	005	+042	49	+05	090	−017	37	135	−038	34	183	−062	30	287	−098	23	404	154	15
10	999	+063	56	−00	085	+007	43	131	−026	27	179	−011	10	284	−088	08	401	170	
11	009	+056	55	+08	093	−008	36	139	+000	36	188	−014	33	293	−064	24	413	107	17
12	998	+077	62	−01	085	+043	55	132	+020	47	181	−008	43	286	−074	29	405	135	19
13	015	+016	29	+13	096	−073	22	141	−024	09	184	−020	13	295	−025	16	416	087	11
14	006	+042	51	+06	092	+050	58	139	+044	57	188	+017	49	294	−028	18	415	098	12
15	984	+060	58	−13	074	+036	55	120	+003	46	168	−012	20	273	−083	09	391	156	05
16	990	+069	40	−08	078	−016	29	123	−058	23	171	−062	17	274	−099	07	391	182	05
17	987	+041	48	−10	075	−010	33	120	−038	25	168	−074	19	271	−135	11	387	194	
18	991	+037	38	−07	078	−034	17	123	−060	18	170	−081	23	273	−127	19	389	206	07
19	990	+019	28	−07	076	−064	20	121	−098	18	167	−134	14	269	−111	21	387	153	16
21	007	+026	44	+06	091	+017	45	137	+000	35	185	−036	29	289	−105	23	406	171	09
22	008	+022	38	+07	091	−012	32	137	−010	14	185	−017		290	−080	14	407	157	06
23	999	+054	40	−00	084	−034	29	129	−072	24	176	−072	11	279	−133		395	197	
24	977	+028	37	−18	066	−027	27	111	−060	23	158	−086	19	261	−146		376	205	
25	989	+016	34	−08	076	−052	23	120	−090	19	167	−113	17	268	−160	13	383	192	12
26	006	+000	27	+05	088	−092	16	132	−094	16	179	−106	08	280	−196	05	395	195	04
27	003	+037	44	+03	088	−028	32	133	−052	27	181	−032	08	286	−070	12	404	127	16
28	997	+064	61	−02	084	+040	57	131	+036	56	180	+021	46	287	−036	21	407	098	
29	997	+068	53	−02	084	+000	37	129	−029	30	177	−048	18	281	−117	15	397	194	
30	995	+069	63	−03	083	+040	56	129	+002	45	178	−022	39	283	−078	27	401	146	

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	210	10	715	337	04	910	493	164	641	344	586	601	556	742	560	924	576
02	535	247	08	694	356	01	888	503	145	553	329	538	589	543	732	551	915	556
03	513	344	01	665	445		857	466	126	473	316	502	580	516	724	524	909	548
04	534	255	07	692	378	03	884	528	137	590	319	557	577	552				
05	537	243		696	358		890	506	144	643	323	581	579	575	719	587	899	595
06	535	244	08	691	363	02	884	522	137	597	320	536	579	556	720	579		
07	511	293	04	656	423		855	530	123	458	314	480	578	523	721	564	903	577
08	518	316		672	430		861	526	129	445	320	481	585	522				
09	540	238	08	699	362	03	891	529	148	562	332	541	589	575	731	558		
10	535	277		692	368		886	492	150	493	339	502	599	534				
11	551	190	12	713	310	05	911	462	169	613	348	579	606	551	749	545	935	537
12	541	214	10	702	329	04	898	492	152	663								
13	554	192	05	715	326	02	911	487	166	658	340	651	589	627	727	631	903	658
14	553	178	12	717	288	06	916	450	173	670	344	648	594	618	732	617	910	618
15	526	263		682	404	01	873	498	139	491	327	514	588	550	730	561		
16	525	280	02	681	410		870	533	133	478	323	485	588	513	733	533	917	556
17	521	267		678	386		869	520	130	495	319	480	585	510	729	519	915	542
18	521	298	05	677	402	02	868	513	131	484	319	488	585	500	730	524	915	548
19	523	208	11	686	300	06	884	457	146	544	332	524	594	540	737	547	921	540
21	540	272	03	697	387		897	546	152	542	338	524						
22	541	270	03	698	393	01	889	540	143	556	328	517	591	506	736	521	922	533
24	528	282		684	401		875	538	132	541	318	526	581	522	725	530	910	546
24	509	273		666	390		858	521	119	523	304	544	566	524	709	541	895	563
25	517	259	07	676	346	04												
26	528	263	05	686	356	02												
27	541	215	10	702	333	04	897	492										
28	545	185		707	334		902	512	157	608	338	545	596	566	737	561	919	574
29	529	304	02	684	419		873	505	137	488	326	490	590	518	734	540		
30	536	247	03	694	383		884	546	142	537	328	511	592	511	737	527		

Results of Radiosonde Observations, Macquarie Island, June, 1955

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	995	+004	31	−03	080	−065	23	125	−063	25	172	−058	15	276	−101	06	393	143	
02	007	+011	34	+06	090	−028	16	135	−022	29	183	−021	26	286	−064	11	407	148	
03	004	+015	42	+04	088	+019	27	134	−002	30	182	−033	25	287	−082	15	405	161	06
04	011	+014	29	+09	093	−019		139	−047		186	−088		289	−119		405	213	
05	007	+020	27	+06	090	−061	22	135	−035	10	182	−074	09	285	−159	04	399	219	06
06	003	+016	31	+03	087	−062	18	131	−102	16	177	−139	14	278	−148	04	394	210	08
07	980	+031	30	−16	069	−026	25	114	−070	22	161	−113	15	262	−188	08	375	250	06
08	009	+002	20	+08	091	−084	15	135	−123	13	181	−166	11	280	−203	04	394	201	
09	010	+051	48	+09	095	+031	53	141	+009	47	189	−020		294	−077		412	148	
10	018	+052	50	+15	101	+042	55	147	+015	44	196	−020	33	301	−095	24	418	158	15
11	003	+051	59	+03	089	+023	50	135	+009	45	183	−018	36	288	−084	24	406	166	15
12	990	+050	55	−07	078	+012	46	124	−019	39	172	−049	32	275	−116	19	392	189	09
13	991	+026	45	−07	078	+000	40	124	−022	30	172	−022	17	277	−069	09	395	142	
14	979	+000	34	−16	067	−048	20	112	−086	16	159	−119	07	259	−191	09	372	289	04
15	971	+020	32	−23	061	−036	24	106	−079	19	153	−114	14	254	−198	07	367	251	
16	004	+017	25	+04	087	−069	20	132	−101	19	178	−132	15	280	−140	10	395	207	04
17	001	+044	43	+01	086	−031	31	131	−058	28	178	−087	19	281	−121	10	398	168	
18	007	+056	52	+06	091	−008	32	137	−051	26	185	−005	10	290	−063		409	139	
19	009	+033	28	+08	092	−054	21	136	−096	18	183	−112	08	285	−121		401	198	
20	014	+051	49	+12	097	+020	32	143	+003	35	191	−046	29	296	−081	14	414	166	09
21	009	+007	23	+08	091	−076	16	135	−115	13	181	−151	11	281	−208		393	262	
22	009	+025	35	+08	092	−061	25	136	−070	06	183	−098		286	−123	13	402	198	08
23	012	+011	30	+10	094	−003	09	139	−033		187	−064		290	−151		405	219	03
24	023	+011	25	+19	102	−038	07	147	−040	07	195	−048	09	299	−093	10	416	175	05
25	024	+017	37	+20	105	−017	20	150	−037	12	198	−060	11	302	−102		418	194	
26	015	+030	40	+13	097	−042	27	142	−040	14	190	−030		294	−104		411	189	
27	015	+020	38	+13	096	−038	29	141	−038		189	−051	08	293	−105	12	410	186	08
28	004	+014	22	+04	087	−057	07	132	−094		179	−118	11	280	−140		396	184	
29	013	+010	32	+11	094	−065	22	139	−108	17	186	−048	23	290	−098	15	407	186	07
30	013	+026	44	+11	096	−026	32	141	−047	29	188	−062	28	292	−113	13	408	199	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	529	237		688	361		882	488	146	488	335	495	599	516	744	517	930	515
02	542	253	03	700	363		894	514	151	584	333	541	595	532	739	521	926	506
03	539	259	03	697	375	01	889	527	145	579	329	543	590	520	733	536	918	532
04	536	312		691	416		880	534	139	530	325	514	588	527	732	514	918	528
05	531	327	04	684	448		869	602	123	524	310	495						
06	526	306	03	681	411													
07	505	343	03	658	441		849	471	116	482	306	482						
08	529	252		686	368	01												
09	547	248		705	383		896	526										
10	553	237	07	712	365	02	904	535	156	643	336	577	593	555				
11	541	239	08	700	361	03	895	527	146	588	330	543	589	582	730	566	912	575
12	524	302	05	679	417		869	504	132	517	319	519	580	548	722	566	904	570
13	531	245		689	375		880	531	133	612	316	546	574	558	716	567	897	586
14	499	401		650	431		841	465	111	451	302	466	568	521	712	546		
15	497	354		650	418		842	469	112	456	303	472	570	509	715	533		
16	529	299	04	683	422		871	559	126	537	312	518	573	537	717	536		
17	532	278		688	408													
18	545	216	09	706	335	04	901	493	154	649	334	569	541	556	733	574	914	564
19	533	317		688	399		880	498	142	523	328	533	540	519	734	557		
20	548	267	04	705	404	02	893	572	144	598	326	540	587	543				
21	523	320		679	399		872	483	137	508								
22	536	273		692	405		884	513	138	616	321	530	580	551	723	547		
23	536	324		690	432		877	580	129	554	314	530	575	523	719	537		
24	550	274	02	706	403	01	895	566	142	649	321	585	577	577	717	568		
25	552	269		708	398		897	569	146	650	325	586	579	592	718	604		
26	543	291		700	402		889	550	140	621	320	582	576	592				
27	542	288	03	698	418		887	567	137	615	317	572	572	587	712	578		
28	530	263	03	687	393		877	560	129	574	313	546	572	550	713	568	896	560
29	540	304	03	695	410		885	555	133	646	313	568	569	564	711	554		
30	540	299	02	695	424		883	575	133	618	313	558	571	551	713	558		

Results of Radiosonde Observations, Macquarie Island, July, 1955

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	+048	47	+06	091	+014	43	137	−017	33	184	−055	25	288	−115	16	405	182	08
02	010	+022	27	+09	092	−056	19	137	−099	17	183	−131	15	285	−140		400	200	
03	015	+021	35	+13	096	−045	26	141	−049	27	189	−060	26	293	−115	18	410	165	12
04	009	+052	52	+08	093	+000	33	139	−048	25	186	−035	25	291	−085		409	161	
05	995	+041	43	−03	081	−022	31	126	−060	26	174	−070	24	277	−101		394	183	04
06	013	−009	25	+11	094	−044	14	139	−034	08	187	−066	09	290	−138	04	405	220	
07	009	+047	50	+08	093	+016	46	139	−010	38	187	−045	32	291	−108	19	406	195	09
08	991	+057	51	−07	078	−011	32	124	−029	12	172	−061	07	274	−137	09	390	207	05
09	990	+030	33	−07	077	−040	23	122	−071	17	169	−097	08	271	−156		385	247	
10	002	−005	25	+02	085	−087	17	129	−122	15	175	−143	14	275	−193	07	389	267	04
11	016	+051	49	+14	099	+016	46	145	−012	38	193	−044	32	297	−118	19	413	196	09
12	020	+056	56	+17	102	+003	54	148	−024	31	196	−060	25	299	−136	16	415	170	09
13	016	+060	51	+14	099	+009	40	145	−013	35	193	−041	28	297	−107	15	414	186	06
14	013	+046	52	+11	096	−012	39	141	−033	31	190	−024		294	−088		412	158	
15	984	+030	53	−12	073	+015	46	119	−010	40	167	−035	35	272	−101	22	389	177	12
16	000	+056	48	+01	085	+005	33	131	−010	26	179	−057	24	283	−082	07	401	185	05
17	993	+043	37	−05	080	−024	26	125	−053	15	172	−082	08	275	−139	14	390	213	09
18	004	−009	21	+04	087	−092	16	130	−123	15	176	−161	11	276	−207	03	388	278	
19	022	+025	35	+18	102	−030	31	147	−023	35	196	−002	29	301	−060	14	420	134	10
20	030	+044	41	+25	110	+011	13	155	−019	11	203	−044	25	308	−068	11	427	155	09
21	028	+034	41	+23	108	+017	41	154	−013	27	202	−032	10	307	−072	07	425	166	05
22	023	+034	41	+19	105	+074		151	+035		200	+004		306	−059		424	154	
23	012	+054	49	+10	095	−024	34	141	+028	11	190	−007		295	−095	07	412	179	
24	022	+003	27	+18	101	−082	20	145	−059	14	193	−063	10	296	−113		413	188	
25	018	+035	42	+15	100	−007	39	145	−032	32	193	−042	27	297	−104	19	414	174	12
26	006	+054	55	+06	091	+017	48	137	−010	39	185	−024	29	290	−105	16	407	155	05
27	002	+051	54	+02	088	+029	52	134	+000	44	182	−038	34	287	−099	18	404	171	05
28	999	+057	54	−00	086	+030	46	132	−003	38	180	−029	31	284	−095	17	402	171	09
29	005	+010	40	+05	090	+024	18	136	+001	10	184	−022	12	289	−086		406	161	
30	007	+043	49	+06	091	−008	37	137	−030	33	185	−037	24	289	−086	08	407	164	11
31																			

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	277		695	407		884	576	130	641	310	588	566	565	707	577		
02	533	277		690	399		879	562	130	573	312	552	571	554				
03	545	246	08	704	366	03	896	531										
04	544	249		701	378		892	534	142	684	317	642	567	623	705	627	882	625
05	527	288	05	682	423		870	584	125	558	309	543	567	595	706	599		
06	536	325		689	442		878	550	131	602	311	585	565	591	704	609	882	622
07	541	291	03	696	419		885	554	133	678	309	600	561	610	699	626		
08	522	319	03	676	432		863	584	115	579	297	564	553	590	693	590	871	627
09	515	354		667	460		852	598	104	571	287	565	542	584	681	607	859	638
11	517	376	02	667	494		852	554	110	538	295	556	550	604	688	626	864	664
12	546	291	04	701	423		889	590	132	704	306	656	551	666				
13	549	279	02	705	404		895	546	144	689	318	636	568	631	704	662	877	670
14	547	278	03	703	409		892	571	143	618	322	589	573	616	710	649	885	661
15	547	248	06	705	379	02	896	537	145	692	321	621	572	642	707	657	882	671
16	522	281	05	678	425		866	511	127	540	311	561	566	605	704	621	880	657
17	534	283	02	690	399	01	880	540	133	631	314	579	569	579				
18	522	312	04	676	433		862	599	120	506	307	510	568	543	710	562	892	562
19	518	336		671	444		858	539	119	537	304	545	562	578	701	617		
20	557	223	06															
21	562	249	04	720	379		911	550	159	712	333	633	582	618	720	627	896	650
22	560	259		718	364		910	532	160	709	334	623	583	626	721	639	896	656
23	559	268	04	716	375	02	908	526	158	710	332	622						
24	546	275	03	703	393		893	558	143	611	322	603	573	620	710	629	886	648
25	546	301		701	428		889	553	140	628	318	617	569	622	707	635	883	644
26	548	271	06	705	399	02	894	570	139	709	311	650	558	650	694	650	869	648
27	542	268		699	402		888	560	136	678	311	632	561	626	699	610		
28	538	286		694	408		882	574	131	638	308	611						
29	535	277	04	691	414	01	879	562	130	618	311	585						
30	540	275		697	399		887	552	136	654	313	602	567	595	706	597		
31	542	249	04	700	378	02	892	538	140	692								

Results of Radiosonde Observations, Macquarie Island, August, 1955

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	011	+026	42	+09	095	+060	23	142	+016	19	190	−023	22	295	−060		414	143	05
02	015	+059	48	+13	098	+032	47	144	+004	32	193	−027	18	297	−086	07	415	148	
03	010	+042	46	+09	094	−016	35	139	−045	31	187	−064	28	290	−118	17	406	210	09
04	008	+045	46	+07	092	−010	33	138	−046	27	185	−073	23	289	−116		405	200	
05	008	+056	49	+07	092	−009	40	138	−033	34	186	−052	19	289	−117	10	405	205	08
06	001	+057	52	+01	087	+000	37	132	−028	27	180	−050	18	284	−124	11	400	202	04
07	994	+051	49	−04	081	−022	33	126	−026	28	174	−054	10	278	−111		394	192	
08	993	+021	37	−05	079	−019	33	125	−017	20	173	−043	22	277	−111	11	393	186	06
09	984	+051	41	−12	073	−020	31	118	−019	16	166	−020		271	−084		388	187	
10	977	+059	54	−18	067	+021	38	113	−016	32	161	−049	27	265	−112	17	381	202	05
11	991	+039	34	−07	078	−032	25	123	−072	19	170	−093	19	273	−115	05	389	218	05
12	000	+057	58	+01	087	+025	51	133	+000	44	181	−028	38	285	−105	23	403	182	12
13	010	+040	46	+09	094	+016	43	140	−026	32	188	−057	27	292	−093	09	409	176	
14	012	+036	42	+10	095	−018	34	140	−044	30	188	−035	13	292	−099	10	409	172	
15	009	+032	42	+08	092	−025	29	137	−059	24	185	−078	17	286	−128		403	217	
16	012	+042	46	+10	094	−031	33	140	−054	23	187	−096	16	289	−135	06	405	209	
17	012	+037	39	+10	094	−040	28	139	−069	24	186	−080	20	289	−136	07	405	216	
18	010	+005	33	+09	092	−054	24	137	−054	08	184	−080	08	287	−145	07	402	229	03
19	007	+012	30	+06	090	−043	15	135	−041		182	−064		285	−124		401	203	
20	001	+014	33	+03	091	−036	19	136	−045	07	184	−068		287	−126		403	187	
21	993	+041	51	−05	080	+000	42	126	−007	41	174	−030	35	279	−084	22	397	153	12
22	990	+015	43	−07	077	+014	47	123	−011	38	171	−036	28	276	−089	23	393	161	16
23	997	+007	30	−02	082	−043	29	127	+043	32	175	−057	31	279	−112	21	396	183	09
24	000	+030	36	+01	085	−029	30	130	−045	28	177	−059	27	281	−126	13	396	216	05
25	006	+031	48	+06	090	−019	35	136	−047	30	183	−051	20	287	−117	11	404	169	
26	994	+032	48	−04	081	−005	41	126	−022	38	174	−054	32	278	−125	16	394	203	09
27	996	−015	23	−03	080	−102	17	124	−130	15	169	−157	11	270	−155		386	199	
28	005	+030	36	+06	090	−053	25	134	−079	22	181	−092	17	283	−164	12	399	188	06
29	002	+058	57	+02	088	+021	50	134	+025	45	183	+010	35	289	−067	21	408	151	11
30	987	+044	48	−10	076	+000	35	121	−038	30	169	−061	21	273	−092		390	194	
31	021	+010	26	+17	101	−053		145	−090	05	192	−078		295	−124		411	186	

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	549	249	03	707	374		895	530	146	698	322	631	575	633	712	620		
02	550	258		707	389		898	537	148	642	326	598	579	615	717	615	894	631
03	538	312	03	692	420		885	538	139	614	318	581	572	611	711	605		
04	537	298		692	412		882	543	135	606	314	593	567	595	707	606	885	613
05	538	307	02	692	442		879	561	132	599	312	599	563	626	700	641	876	666
06	532	308	02	686	435		873	586	122	658	297	640	543	678	676	706	847	702
07	527	303	02	681	435		868	580	114	675	286	662	531	662	666	681	838	680
08	526	294	02	681	409		870	564	118	657	295	625	543	642	680	642		
09	522	275	02	678	416		866	564	113	670								
10	513	304		668	438		853	600	107	578	289	564	545	584	684	598	863	624
11	521	309		675	410		865	539	123	562	306	539	563	581	703	583	885	581
12	536	291	05	691	414		880	560	133	581	316	551	575	547	718	546		
13	543	283		698	419		886	573	140	569	323	535	583	526	726	526	911	553
14	543	284	02	698	417		887	562	143	552	327	554	586	541	729	555	913	532
15	535	311		690	433		877	567	135	548	319	534	579	534	722	564	904	570
16	536	325		689	444		876	568	134	535	318	549	576	564	717	551	899	581
17	537	308	02	691	431		879	565	136	530	322	538	581	557	723	572		
18	532	332		686	450		873	557	128	565	311	564	567	573	708	589		
19	534	303		684	425		877	575	124	642	302	594	555	601	694	619	871	627
20	536	300		691	404		880	560	128	659	305	612	555	626	692	648	866	674
21	532	243	06	691	367	02	883	528	135	643	312	626						
22	529	262	07	685	398	02	874	549	131	544	316	546	574	571	714	598	892	634
23	530	249	06	684	370	03	880	535	134	560	319	528	579	560	720	593		
24	528	303		683	438		872	510	136	481	326	475	592	523	736	526	922	528
25	538	274		695	392		885	537	141	550	326	496	590	512	735	496	922	522
26	526	299	04	681	416		871	550	133	488	322	484	589	496	734	515	920	520
27	519	282		675	412		865	528	127	497	316	481	582	499				
28	532	293	03	687	414		878	530	133	563	317	544	577	538	721	523	907	518
29	543	247	07	702	562	03	894	520	146	646	326	543	588	499	734	514	921	506
30	523	273		681	567		874	496	143	464	333	500	598	500	743	500	931	488
31	544	303	02	699	427		886	567	141	575	326	519	590	512	737	458	927	477

Results of Radiosonde Observations, Macquarie Island, September 1955

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	029	+017	26	+24	107	+011	11	153	−005		201	−038		305	−095	06	423	156	
02	024	+041	50	+20	104	−036	32	150	+007	23	198	−027		302	−098	06	419	175	04
03	010	+043	47	+09	094	−012	37	139	−035	31	187	−053	27	291	−091	20	409	153	12
04	003	+032	46	+03	088	−016	29	133	−024	27	181	−046	18	285	−113	14	401	188	09
05	008	+018	31	+07	090	−065	23	135	−052	18	183	−058	09	286	−123		402	200	
06	012	+031	44	+10	095	−001	36	140	−023	25	188	−064	22	293	−088	14	410	151	10
07	012	+031	41	+10	095	−004	38	140	−002	26	188	−043	16	292	−083	11	410	164	05
08	021	+040	29	+17	102	+013	09	148	−006	27	196	−030	18	301	−094	17	418	170	11
09	020	+051	38	+17	101	−004	33	146	−026	25	194	−040	13	299	−082		417	165	
10	010	+062	51	+09	094	+023	38	140	−006	30	189	−021	16	294	−075	08	411	174	05
11	996	+049	45	−03	082	−018	35	128	−034	32	176	−051	29	279	−115	10	396	185	11
12	006	+020	22	+05	089	−062	13	133	−093	09	180	−136	11	280	−200		393	238	
13	996	+054	46	−03	083	−010	26	128	−010		177	−015	20	282	−072	25	400	135	18
14	993	+065	51	−05	080	−008	34	126	−037	26	174	−064	19	277	−097		394	179	04
15	994	+039	37	−04	081	−021	17	126	−021	09	174	−063	09	277	−147	05	391	242	03
16	989	+065	54	−08	077	−004	39	123	−030	35	170	−061	28	274	−124	17	389	215	07
17	991	+018	34	−07	077	−051	24	122	−087	16	169	−119	10	269	−194		382	266	
18	976	+053	48	−19	067	+018	43	112	−024	32	160	−044	21	264	−112	16	381	194	01
19	999	+023	37	−00	084	−031	25	129	−072	21	176	−099	17	277	−176	11	391	258	03
20	006	+026	24	+06	089	−060	21	134	−097	18	180	−131	15	282	−152	06	396	234	05
21	990	+059	48	−08	078	−009	35	123	−031	26	171	−070	21	274	−122	09	390	202	08
22	975	+031	38	−20	065	−023	26	110	−055	20	157	−090	18	259	−151	13	374	237	07
23	982	+002	33	−14	070	−034	22	115	−076	16	162	−113	13	263	−183	08	376	265	05
24	979	+017	38	−16	068	−032	23	113	−065	20	160	−099	18	262	−166	11	376	230	03
25	980	−012	24	−15	068	−076	17	112	−109	09	158	−146	08	258	−224	04	369	317	01
26	995	−020	25	−03	079	−094	17	123	−114	15	169	−136	14	270	−184	10	383	245	07
27	992	+019	24	−06	078	−056	16	123	−055		170	−065		273	−130		389	211	
28	001	+030	44	+01	087	+024	28	133	−004	21	181	−022	09	286	−080		404	166	
29	003	+050	47	+03	089	+039	50	135	+016	44	184	−018	38	289	−069	25	408	145	13
30	009	+041	45	+08	093	+021	36	140	+031	20	189	+000	17	294	−063	07	413	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
	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
01	558	256		717	348		909	528	158	700	332	633	584	575	726	543	911	517
02	553	282	03	709	414		898	555	150	612	330	568	585	572	726	565	908	565
03	544	248	06	703	374	02	894	538	145	631	324	571	579	579				
04	535	280	02	691	397	02	881	539	134	615	314	580	569	592	708	591		
05	535	295		690	420		880	526										
06	545	248	07	704	359	02	897	508	151	638	330	595	582	623	719	629	896	629
07	545	252		703	375		895	528	150	587	330	577	585	591	724	630		
08	552	265	03	710	389	01	901	528	154	620	334	590	589	598	728	617	905	638
09	551	266		708	378		900	531	152	637	330	584	584	602	723	607	901	626
10	546	255	07	704	376	03	896	520	152	584	335	539	593	565	734	566	918	550
11	529	258	05	688	362		882	482	144	513	328	562	586	551	730	535	915	502
12	525	303		681	392		871	549	120	619	298	601	551	59	692	572		
13	537	223	08	697	334	04	892	499	144	717								
14	528	268	03	686	378	02	878	524	134	586	316	576	571	570	712	568	895	548
15	523	308		677	421		865	556	124	538	309	513	572	492	718	472	910	443
16	521	323	03	674	452		859	616	112	558	297	530						
17	512	344		666	397		857	543	117	501	305	501	571	479	719	431	914	408
18	513	296		668	412		861	491	121	534	307	535	568	523	713	491	903	464
19	520	321		674	432		863	549	118	572	301	550	565	490	712	466		
20	528	302	02	682	429		869	580	122	568	305	558	565	530	710	506		
21	523	295	05	678	408	02	867	564	117	606	297	597	552	575	694	541	880	502
22	506	296	04	661	409	02	851	555	109	532	292	568	549	569	690	574	872	543
23	505	330	02	659	425		849	517	109	551	292	578	546	572	686	582	867	594
24	507	307		652	436		850	524	110	543	294	547	550	576	690	606		
25	497	349		650	416		841	518	100	561	282	580	537	592				
26	515	290	05	671	395	02	862	545	112	637	291	581	546	566	687	566	871	538
27	521	293		676	416		865	552	121	558	305	544	565	525	710	506	899	474
28	538	277		694	398		884	553	141	548	325	542	587	499	733	488	922	489
29	543	243	06	702	357	02	896	512										
30	549	259		707	366		901	508	159	524	346	501	612	474	760	468		

Results of Radiosonde Observations,
Macquarie Island, October, 1955

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	994	+048	50	-00	085	-008	57	131	+011	26	179	-014	14	284	-084	07	402	154	
02	997	+052	55	-02	084	+023	50	130	+000	43	178	-025	37	283	-078	13	402	144	
03	989	+055	52	-08	077	+012	38	123	-018	29	171	-044	16	275	-129	13	391	161	
04	994	+037	29	-04	080	-041	19	125	-084	16	171	-125	12	272	-203	03	384	285	02
05	999	+040	37	-00	084	-041	24	129	-079	21	176	-074	09	279	-135	05	394	229	
06	983	+040	48	-13	072	-016	35	117	-044	20	164	-079	12	267	-119	06	384	185	
07	005	+038	35	+005	089	-044	22	134	-078	20	181	-111	18	282	-133		398	181	04
08	009	+040	39	+008	092	-048	24	137	-066	22	184	-057	20	286	-083	07	407	141	09
09	010	+041	39	+009	093	+006	24	139	+038		188	+005		295	-029		415	102	
10	998	+055	46	-01	085	+074	70	132	+056	64	182	+030	55	289	-028	40	409	097	21
11	996	+006	39	-03	081	+002	42	127	-015	40	176	-015	42	281	-061	27	401	127	15
12	007	+026	36	+006	090	-016	29	136	-035	24	183	-054	23	287	-076	22	406	133	
13	000	+034	49	+001	086	+030	51	132	+006	44	181	+011	41	286	-050	24	406	152	11
14	992	+052	53	-006	080	+072	56	127	+054	36	176	+008	24	282	-068	27	401	135	14
15	992	+074	61	-006	081	+050	58	127	+025	49	176	-006	40	282	-057	28	401	127	08
16	990	+045	53	-007	078	+059	52	125	+022	43	173	-013	34	279	-084	20	397	137	08
17	996	+047	36	-003	082	-026	27	127	-056	17	175	-073	12	278	-108		395	177	12
18	999	+056	50	-000	085	+025	21	132	+028		181	+016		287	-034		407	107	
19	995	+050	50	-003	082	+008	41	128	-004	42	176	-032	37	281	-078	27	400	124	19
20	005	+048	54	+005	090	+007	44	136	-005	29	184	-039	12	288	-103	06	405	179	
21	994	+051	51	-004	082	+030	49	128	+014	37	177	+001	23	282	-067	26	401	123	20
22	997	+057	53	-010	076	+057	41	122	+019	27	171	-025	26	275	-096	17	393	163	07
23	992	+058	56	-006	080	+017	48	126	-005	43	174	-030	37	278	-109	19	395	185	12
24	987	+055	50	-010	075	+004	39	121	-013	36	169	-035	32	274	-090	22	392	155	12
25	988	+056	38	-009	076	-022	27	120	-069	22	167	-104	17	270	-142	07	385	223	
26	992	+050	35	-006	079	-024	22	124	-062	19	171	-100	17	274	-136	08	389	229	05
27	993	+034	33	-005	079	-046	22	124	-088	18	171	-114	13	272	-161	10	387	230	05
28	004	+056	54	+004	089	+019	46	136	+034	21	185	+012	17	291	-061	21	409	134	15
29	010	+037	32	+009	093	-025	18	138	-031	13	186	-047	22	291	-078	26	409	134	19
30	995	+060	49	-003	083	+050	61	130	+046	62	179	+021	53	285	-040	36	406	109	19
31	981	+064	55	-015	071	+022	46	117	-011	36	165	-027	36	270	-063	22	390	115	

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	538	229		697	351		890	514	155	476	345	469	613	469	762	448	954	435
02	536	263		694	382	01	886	477	156	444	348	473	618	438	768	441	962	422
03	527	241	04	685	372	01	879	464	151	392	345	440	619	421	769	416	966	392
04	513	323		667	440		856	504	124	427	321	374	602	361	756	363		
05	525	344		676	478		861	569	124	472	315	464						
06	517	290		672	417		861	543	117	565	300	544	564	444	714	405	911	386
07	532	278	05	689	387	01	881	530	136	580	318	550	579	514	726	442		
08	543	227	03	702	367		894	532	149	564	330	575	589	528	734	495	926	448
09	553	207	05	715	309		911	485	172	554	355	569	613	545	756	514	944	492
10	547	185	10	710	304	04	907	465	164	632	347	547	608	512	754	489		
11	538	214	07	698	340	02	893	487	154	530	339	523	603	499	749	485		
12	542	222		703	335	03	899	471	158	549	344	520	608	478	755	478	947	428
13	542	230		703	334		898	487	157	532	343	510	608	497	754	496		
14	537	231	06	696	356	02	890	503	156	467	345	477	611	491				
15	537	225	03	698	342		893	492	157	449	349	443	616	498	762	484	952	464
16	533	222		694	340		887	516	148	491	337	482	605	499	752	461	943	445
17	529	250	07	688	353	03	882	493	145	509	333	475	600	469	748	472	940	425
18	545	198		706	333		901	503	153	646	334	549	598	479	745	475		
19	537	217	09	697	328	04	894	486	147	628	326	500						
20	538	300		692	439		882	506	145	511	330	537	591	531	735	519	922	488
21	538	195	13	700	321	04	896	494	150	591	333	547	595	511	739	524	929	462
22	527	272	06	684	406	02	873	576	129	527	315	500	581	485	729	460		
23	528	286	05	684	418													
24	526	254	05	683	397	01	873	568	123	622								
25	516	338	01	668	458		856	558	113	555	298	512	564	465				
26	520	312		675	405		867	472	137	440	330	444	600	474				
27	518	342	02	670	399													
28	546	228	08	706	318	02	902	491	156	641	337	510	602	494	749	470	940	456
29	546	223	10	707	308	05	905	467	163	558	348	526	611	483	757	489	947	457
30	543	216	07	704	321	04	900	484	159	534	344	542	606	510	752	502		
31	527	225	04	686	345		881	450	150	458	341	469	608	477				

Results of Radiosonde Observations, Macquarie Island, November, 1955

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	981	+006	39	-15	069	-054	26	114	-076	22	161	-089	22	264	-129	17	380	190	11
02	985	-005	19	-15	072	-081	14	116	-118	12	162	-155	07	261	-241	06	374	239	
03	986	+000	18	-11	073	-072	14	117	-112	11	163	-154	10	263	-223	06	376	242	04
04	987	+039	40	-10	075	-025	28	120	-058	22	167	-084	19	269	-134	05	385	215	03
05	986	+062	59	-11	075	+040	57	122	+023	53	171	-004	45	276	-065	31	395	146	14
06	000	+034	38	+01	085	+000	37	131	-031	31	179	-031	33	284	-081	27	402	154	15
07	998	+050	55	-01	085	+035	55	131	+009	48	180	-019	41	285	-079	26	403	158	12
08	989	+054	57	-08	078	+052	47	124	+028	29	173	-011	25	278	-090	06	396	159	
09	992	+054	51	-06	080	+023	49	126	-010	36	174	-038	30	278	-100	19	395	184	07
10	993	+080	55	-05	081	+017	39	127	-018	26	175	-045	20	279	-109	18	395	191	10
11	003	+062	49	+03	089	-002	33	135	+017	21	183	+011	10	288	-078	23	407	149	14
12	989	+072	64	-08	078	+039	56	124	+011	49	173	+000	48	279	-050	36	399	118	22
13	993	+040	51	-05	080	+020	48	126	-008	40	175	-035	35	279	-088	23	396	203	08
14	996	+060	51	-03	083	+029	39	129	-001	35	177	-034	23	282	-058	23	401	125	07
15	996	+058	40	-03	082	-020	28	127	-055	19	175	-076	07	277	-155	06	391	254	02
16	978	+063	58	-18	068	+011	46	114	-010	41	162	-033	36	267	-099	24	384	183	12
17	973	+064	46	-22	064	+010	37	110	-021	27	157	-045	11	261	-119	08	377	213	05
18	974	+065	37	-21	065	+007	33	110	-025		158	-067		261	-130		376	199	03
19	978	+038	34	-17	067	-028	27	112	-073	20	159	-100	14	261	-178	08	374	257	
20	986	+045	33	-11	074	-030	24	119	-066	15	166	-095	14	268	-167	10	382	251	05
21	007	+054	32	+06	091	-045	22	135	-083	19	182	-111	14	285	-101		401	189	
22	998	+057	56	-01	084	+000	42	130	-013	39	178	-040	33	283	-074	27	402	144	15
23	979	+055	53	-17	069	+030	51	115	+005	44	164	-024	34	269	-079	24	387	138	
24	001	+040	30	+01	085	-048	23	130	-055	14	178	-046		282	-096		399	167	
25	984	+055	51	-12	073	-005	39	118	-024	36	166	-045	33	270	-100	22	388	151	15
26	981	+029	37	-15	070	-037	29	115	-064	25	162	-099	20	263	-175	11	377	223	08
27	990	+051	32	-07	077	-026	25	122	-063	19	170	-100	15	271	-148	06	386	229	04
28	990	+047	37	-07	077	-026	20	122	-071	19	169	-098	18	271	-149	06	387	205	08
29	998	+064	52	-10	084	-002	36	130	-019	31	178	-050	22	281	-112	18	398	161	14
30	976	+065	58	-19	067	+049	59	114	+031	54	162	-004	43	268	-064	27	387	135	15

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	513	286	05	669	410		859	518	125	462	316	468	584	469	732	468		
02	504	332		658	441		847	504	110	519	298	487	566	458				
03	509	267	03	666	372	02	858	532										
04	517	290		674	378		867	485	133	495	321	495	587	481	734	480	924	469
05	531	219	08	692	311	04	890	463	150	528	337	506	601	494	747	494	937	471
06	537	257	07	694	385	02	886	529	145	515	334	476	603	462	751	472		
07	538	257	05	696	368	02	888	530	145	539	332	491	599	480	746	468	937	453
08	531	233		691	343		886	469										
09	528	289	03	685	375		880	462	147	448	339	462	609	462	758	450	950	445
10	528	300	04	682	441		874	478	144	454	336	435	609	433	758	449		
11	542	239	08	702	349		895	523	153	498	343	469	614	446	764	430	958	411
12	536	206	08	697	325	02	893	481	152	575	338	473						
13	530	266	04	687	392	02	881	463	151	456	343	442	613	443	763	447	956	424
14	538	219	08	699	333	03	894	508	157	482	348	470	617	451	767	453	959	433
15	521	347		674	417		867	443	140	427	334	429	607	438	757	425	951	425
16	517	287	05	673	418	01	861	568	121	471	315	410	590	404	742	404	939	391
17	509	296	02	665	432		855	506	117	476	307	456	582	393	735	378		
18	509	313	02	662	452		851	506	112	517	300	484	570	404	724	345	925	370
19	505	326		659	435		850	458	123	425	316	456	585	468	733	450	926	439
20	511	345	03	663	460		852	508	118	460	311	437	585	415	736	414		
21	535	270		692	392		883	530	143	492	331	495	598	454	747	449		
22	538	223	08	698	341	03	892	508	152	533	338	514	601	500	747	487	937	460
23	523	241		682	364		876	490	143	456	334	481	600	485	748	467	938	467
24	534	264		691	377	01	883	541	146	471	338	468	606	470	753	470	944	465
25	525	195	12	687	305	05	886	439	151	481	342	455	611	473	759	471	950	467
26	510	299	04	665	385	02	861	396	139	390	335	441	605	450	754	464	945	455
27	518	313	02	673	399		864	475	135	419	329	434	601	452	749	456	941	450
28	519	301	04	675	384	02	868	499	137	452	330	443	601	451	750	441		
29	533	244	07	693	353	02	887	480	147	526	335	485	602	460	750	470	941	445
30	523	219	07	683	346	02	877	499	139	513	327	484	595	463	743	453	935	444

Results of Radiosonde Observations, Macquarie Island, December, 1955

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	986	+068	52	-11	075	+015	42	121	-014	36	169	-035	29	273	-116	14	389	181	09
02	984	+060	58	-08	077	+016	41	123	-013	33	171	-032	25	276	-100		393	163	
03	989	+050	55	-08	077	+043	58	124	+018	46	173	-005	41	278	-067	24	397	145	12
04	998	+044	38	-01	084	-033	28	128	-070	23	176	-033	10	281	-079		399	130	
05	998	+049	31	-01	083	-040	21	126	-073	17	175	-065	08	280	-080		398	133	08
06	986	+056	36	-11	074	-023	27	119	-060	17	166	-093	18	268	-166	09	383	219	07
07	008	+038	31	+07	091	-053	22	136	-083	20	182	-100	11	287	-072		405	124	06
08	013	+062	52	+11	097	+030	46	143	+021	38	192	+017	29	299	-001	13	421	083	08
09	016	+049	47	+14	099	+025	37	145	+015	41	194	-001	41						
10	010	+071	59	+09	095	+096	31	143	+092	24	193	+062		300	-004	16	422	082	11
11	002	+072	43	+08	088	+008	19	134	+021	16	183	+000		289	-024		409	091	
12	008	+059	42	+07	092	+018	19	137	-064	15	184	-095	14	288	-064		407	135	
13	014	+067	44	+12	098	+009	39	143	-005	36	192	-020	35	296	-104	16	414	138	
14	004	+061	52	+04	089	+006	39	135	-022	35	183	-018	24	286	-087	19	406	165	13
15	008	+061	36	+07	092	-025	27	137	-051	25	185	-059	07	289	-100		406	138	
16	010	+071	50	+09	095	+011	40	141	+019	29	190	+018	20	296	-023	19	417	095	
17	993	+074	55	-05	081	+012	42	127	-008	37	175	-032	27	279	-104	13	396	164	
18	005	+070	47	+05	090	-007	24	135	-029	13	183	-059	13	287	-079		405	150	13
19	015	+059	49	+13	099	+022	44	145	+040	37	195	+050	24	302	-017	13	423	099	08
20	020	+078	50	+17	103	+064	19	150	+069		199	+055	13	307	-004	16	429	075	15
21	013	+051	56	+11	098	+101	48	146	+109	39	196	+099	34	305	+009	31	427	061	20
22	012	+083	61	+10	097	+065	61	144	+053	59	193	+025	44	300	-030	35	421	059	33
23	020	+065	48	+17	102	+062	32	149	+053	20	198	+042	12	306	+005	25	426	073	17
24	021	+046	38	+17	102	+009	19	148	-009	10	196	-039	11	300	-084		419	111	
25	022	+052	39	+18	104	+029	11	150	+000	16	199	+031	39	306	-034	16	426	103	08
26	029	+036	30	+24	107	-065	14	153	-011		201	+015	28	308	-031	15	428	103	13
27	027	+067	38	+22	107	-023	23	153	+017	17	202	+016	31	308	-046	32	428	113	22
28	017	+077	52	+15	100	+009	21	147	+059	16	196	+059	17	304	-040	26	424	110	26
29	004	+062	60	+07	094	+074	41	141	+062	53	191	+057	59	299	-004	45	421	074	28
30	005	+070	54	+05	091	+042	48	138	+056	44	187	+055	14	295	+004	18	417	082	11
31	017	+065	39	+15	100	+036	22	146	+015	21	195	+010	14	302	-035	25	423	089	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	523	275	05	679	407	02	869	534	135	443	328	446	598	440				
02	527	243	03	686	371	01	880	486	146	455	338	454	607	456	756	437	950	426
03	532	257	04	690	360	01	885	464	150	495	340	463	610	456	759	450	951	441
04	536	207		697	338	02	892	477	154	510	341	490	609	458	759	452	950	460
05	535	205		696	340	02	891	484	154	504	342	468	612	462	761	447	953	454
06	515	314	02	671	352		870	385	148	430	340	463	609	435	758	454	951	435
07	542	209	04	703	323		900	467										
08	560	180		722	321	02	919	473	179	530	366	509	630	503				
09																		
10	561	165	16	725	276	07	925	428	187	632	369	534	630	518	774	513	962	475
11	549	155	10	714	269	06	913	449										
12	543	223		703	340		899	465										
13	544	229	05	709	352	02	904	489	167	465	356	489	620	492	766	493	956	464
14	541	257	07	699	337	03	895	492	155	506	344	479	612	463	759	458	951	459
15	542	225		702	355		899	448	165	490	352	522	616	492	762	478	953	453
16	556	187	06	721	240	09	924	398	188	606	368	565	626	540	769	519	958	468
17	530	262	03	688	367		883	450	156	422	349	437	619	457	767	473	958	468
18	541	223	03	701	329	02	898	443	161	524								
19	561	182		724	307	02	921	483	178	541	364	539	622	554	766	507	955	493
20	568	175	08	731	278	06	931	439	191	545	376	547	632	558	775	527	962	500
21	568	131	19	734	243	09	937	404	199	625	381	541	640	549	783	524	970	495
22	562	140	18	730	251	08	930	408	193	557	379	520	640	526	784	504	973	470
23	567	165	06	751	260		930	451	191	512	378	522	639	525	783	506	971	483
24	556	209	04	716	294	03	914	497	173	549	360	503	623	528	767	511	955	498
25	564	169	10	728	257	03												
26	566	193		728	305	03	926	457	188	546	371	568	627	563	770	534	956	511
27	556	205	11	728	311	05	925	474	186	548	371	535	630	556	773	527	960	489
28	561	203	11	723	301	05	922	462	180	562	364	531	625	533	770	500	959	467
29	561	154	17	726	278	06	925	437	185	534	366	535	627	527	771	511	960	477
30	556	178	05	718	303	03	916	458	178	504	366	500	629	513	774	506	963	481
31	561	186	06	723	307	03	922	447	182	563	367	527	630	494	776	505	965	474

Results of Radiosonde Observations, Mawson June, 1955

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	974	-154	07	-15	065	-181	03	107	-206	03	152	-205	03	251	-230	02	362	309	
02	986	-172	03	-09	070	-200	02	112	-231	02	156	-255	02	252	-234	02	364	281	
03	987	-205	03	-09	069	-240	02	110	-259	02	154	-295	02	250	-267	03	360	315	01
04	981	-188	05	-13	065	-220	03	107	-242	03	151	-263	03	248	-280	02	357	344	01
05	990	-149	07	-06	073	-197	03	115	-229	04	159	-265	03	255	-281	03	364	354	01
06	999	-163	07	+01	079	-188	03	122	-228	03	166	-262	03	262	-282	03	371	345	02
07	002	-179	05	+03	081	-204	03	123	-228	03	168	-214	04	265	-279	03	375	330	02
08	004	-215	03	+04	081	-266	01	122	-290	01	165	-292	01	261	-286	02	370	340	
09	001	-274	02	+02	078	-285	01	119	-313	01	162	-349	01	256	-310		365	332	
10	987	-146	06	-08	072	-235		115	-183		159	-230		256	-284	03	365	351	02
11	977	-173	05	-16	063	-158		106	-168		152	-179		250	-267		360	326	
12	972	-192	05	-20	059	-205	02	101	-217	02	145	-261	02	240	-254	02	351	294	
13	974	-178	05	-17	061	-207	03	103	-242	03	147	-282	02	241	-315	03	350	353	02
14	973	-129	11	-19	061	-141	07	104	-171	07	149	-208	06	247	-258	05	357	316	03
15	980	-134	08	-14	066	-169	05	109	-181	06	154	-209	05	251	-256	02	362	322	02
16	995	-165	06	-02	076	-195	03	119	-171	05	164	-181	08	263	-221	07	374	318	03
17	975	-094	07	-18	063	-095		107	-135		153	-178		252	-216		364	269	
18	964	-211	04	-26	052	-205		095	-218		139	-233		236	-276		345	337	
19	974	-174	06	-18	061	-170	04	103	-211	04	148	-240	04	246	-241		357	292	
20	987	-156	07	-08	071	-176	06	114	-200	06	159	-210	06	257	-254	04	367	325	02
21	973	-157	07	-19	060	-155	05	103	-194	05	148	-220	05	245	-251	05	355	404	02
22	977	-170	07	-16	063	-206	05	105	-244	05	149	-270	04	245	-280	04	355	338	02
23	993	-159	07	-04	076	-165	03	119	-203	03	163	-229	03	262	-237	02	372	325	01
24	984	-193	05	-07	072	-186	03	114	-206	03	159	-245	02	257	-219	02	368	315	01
25	979	-185	05	-14	065	-185	03	107	-226	02	151	-260	02	246	-298	02	356	322	02
26	991	-179	05	-05	073	-200	03	115	-240	03	159	-285	03	254	-349	02	361	353	02
27	984	-205	04	-10	068	-207	03	110	-234	03	154	-270	02	249	-312	03	360	375	01

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	490	395		640	482		824	604	072	638								
02	493	367		644	472													
03	487	406	01	637	482		820	603	073	584	252	815						
04	482	428		631	507		814	603	067	595	247	815	496	652	631	672	805	705
05	489	436		636	522		819	593	072	593	251	825	498	670				
06	500	441		644	491		830	560	084	612	262	816	510	665	644	691	814	723
07	501	415		650	499		834	597	086	600	265	822	511	677	644	703		
08	496	415		644	514		826	600	077	643	252	872	494	718				
09	491	407		640	506													
10	491	418		638	512		821	588	076	586	255	814						
11	487	387		639	460		826	564	077	652	256	816	504	675	639	699		
12	474	390		629	459		816	570	069	604	247	829	493	679				
13	476	422		624	488		810	569	059	647	234	857	477	715				
14	483	416		630	535		811	518	059	630	234	878						
15	488	412		637	502		821	605	068	675	240	894						
16	500	421		647	529		829	630	071	701	240	730						
17	493	352		643	480		828	637	070	737	239	742	475	768				
18	471	417		620	493		804	585										
19	485	382		634	508		815	629	062	657	236	876	476	741				
20	493	416		641	524		822	618	071	636	246	857						
21	481	412		629	529		811	584	064	596	242	822	488	683				
22	474	436		626	515		811	570	067	581	246	816	495	683	628	720		
23	498	422		645	536		826	582	081	582	262	803	512	666				
24	495	410		642	518		825	610	074	627	252	845	498	671	632	691		
25	483	404		637	501		820	599	069	642	245	845						
26	481	441		634	489		817	621										
27	481	445		627	520		810	610	056	659	230	882	469	736				

Results of Radiosonde Observations,
Mawson July, 1955

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	978	−171	06	−15	064	−184	04	106	−222	04	151	−250	04	246	−333	02	353	361	02
02	967	−128	09	−24	056	−154	06	099	−196	05	144	−230	05	240	−271	04	350	330	03
03	982	−170	07	−12	067	−204	04	109	−242	03	152	−288	03	247	−334	02	354	392	01
04	989	−157	08	−07	072	−179	04	115	−218	03	159	−257	03	255	−284	02	366	300	02
07	990	−141	09	−06	074	−157	03	117	−191	03	161	−230	02	259	−235		370	292	02
10	983	−124	12	−08	072	−143	05	115	−185	04	160	−219	05	258	−237	06	369	312	02
12	977	−135	11	−16	064	−100	09	108	−127	05	153	−192	03	252	−263	04	363	304	03
13	986	−112	09	−09	072	−121	05	115	−158	04	160	−199	04	258	−285	03	366	337	02
14	994	−178	05	−03	076	−185	04	119	−221	04	163	−249	04	260	−267	03	370	336	02
15	991	−199	04	−07	073	−219	03	115	−246	03	159	−276	02	254	−289	03	363	328	01
16	994	−255	03	−03	074	−255	01	115	−291	01	158	−325	01	253	−286	02	362	346	01
17	993	−239	03	−04	073	−264	02	114	−297	02	157	−328	01	251	−288	02	360	354	
18	993	−253	03	−04	073	−271	02	113	−304	02	156	−343	01	249	−354	02	356	387	01
19	997	−252	02	−01	076	−273	02	117	−315	01	159	−325	02	254	−323	02	361	361	
20	982	−250	02	−12	065	−238	02	107	−243	02	151	−254	02	246	−304	01	355	343	
21	983	−225	04	−11	066	−243	02	107	−280	01	150	−323	01	243	−361	01	351	335	
22	004	−210	04	+04	082	−245	02	123	−279	02	166	−307	01	261	−294	01	370	347	
23	002	−196	04	+03	081	−202		123	−243		167	−238		265	−250		375	325	
24	996	−184	07	−02	077	−220	04	119	−233	04	163	−242	04	260	−260	03	370	311	01
25	988	−145	06	−08	072	−177	03	114	−211	03	158	−252	02	255	−272	02	365	349	02
26	993	−201	04	−04	074	−242	02	115	−236	02	160	−242	02	257	−259	02	366	346	01
27	990	−191	04	−06	072	−229	02	114	−266	02	157	−292	02	253	−267		363	322	
28	994	−194	05	−03	076	−204	03	118	−237	03	162	−213	04	259	−290	02	369	305	
29	981	−178	09	−13	065	−215	06	107	−240	05	151	−239	05	248	−265	05	360	240	07
31	975	−141	09	−18	062	−159	06	105	−195	06	150	−231	05	246	−281	04	355	342	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	477	452		624	503		807	604	055	661	227	697						
02	475	427		623	519		805	621	051	678	223	702	460	760				
03	479	402	01	629	503		811	603	059	678	231	700	468	770	595	781		
04	493	374	01	644	494		826	626	070	697	242	703	478	770				
07	498	391	01	647	502		829	643	070	723	238	747						
10	497	372	01	648	472		833	590	082	647	255	693	494	734				
12	488	415	01	637	506		821	588	070	672	242	688	482	714	613	739		
13	492	429		640	507		821	626	067	689	240	692	480	737				
14	496	404	01	644	516		826	620	072	681	244	683	485	728	615	738		
15	489	408		638	505		821	608	067	680	239	693	479	718				
16	487	418		635	496		818	621	064	689	235	712	472	760				
17	485	415		633	512		815	628	060	687	231	713						
19	479	476		624	528		806	622	055	654	229	693	468	723	599	742		
19	486	441		633	515		818	564										
20	481	413		629	524		812	579	064	613	240	659	482	697	614	715		
21	474	415		625	503		810	570	062	633	239	642	482	707	614	730		
22	496	392		647	470		832	601	079	680	250	724	486	750	615	775		
23	502	388		653	472		836	629	078	721	247	732						
24	497	380	02	647	493		829	630										
25	491	407		639	508		821	622	066	685	238	696	477	734				
27	492	410	01	640	508		822	617	070	671	242	698	483	721				
27	490	404		638	514		821	586	072	643	246	669	489	711	621	738		
28	496	385		647	454		834	581	083	654	257	671	498	731	628	759		
29	492	304	04	648	414	02	836	585	079	716	249	699	487	750				
31	481	412		630	508		811	641	053	722	221	747	455	773				

Results of Radiosonde Observations, Mawson August, 1955

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	984	−186	06	−11	068	−194	04	111	−235	03	155	−264	03	251	−294	03	360	320	02
02	989	−224	03	−07	071	−236	02	112	−279	02	156	−265	03	252	−281	02	362	318	02
03	997	−245	03	−01	076	−267	02	117	−269	01	161	−248		258	−258		369	307	
04	999	−166	10	+01	079	−220	05	121	−253	04	165	−250	05	262	−254	05	372	310	04
05	982	−151	09	−12	068	−141	04	111	−182		155	−220		253	−238	03	366	226	
06	995	−171	07	−02	076	−208	03	118	−247	02	162	−281	01	259	−264	04	369	322	03
07	992	−121	09	−05	075	−175	08	118	−207	07	162	−237	06	259	−294	04	367	355	02
08	993	−131	08	−04	076	−173	05	118	−211	05	163	−240	05	260	−280	04	369	348	02
09	997	−103	09	−01	080	−125	08	123	−164	07	169	−206	07	266	−268	05	376	338	02
10	998	−089	09	−00	082	−114	05	125	−149	05	171	−187	04	269	−241	05	381	284	02
11	999	−109	07	+01	081	−128	04	125	−129		171	−167		269	−251		382	229	
12	002	−119	07	+03	083	−139	04	126	−173		172	−202		270	−195		384	239	
13	996	−095	09	−02	079	−126	04	123	−135	04	169	−150		269	−203		383	257	
14	010	−210	04	+09	087	−207	03	129	−240	02	173	−230	02	271	−257		381	304	
15	992	−217	03	−04	073	−221	02	115	−257	02	159	−288	02	255	−266		365	308	
16	002	−167	04	+03	082	−207	02	124	−233	02	168	−271	02	265	−245	02	375	320	01
17	998	−154	06	+00	080	−151	07	123	−175	07	168	−212	06	265	−265	05	375	339	01
18	997	−091	10	−01	080	−136	05	123	−158	07	168	−197	06	267	−226	05	378	307	04
19	013	−124	07	+11	092	−165	05	134	−165	06	180	−173	06	279	−234	02	390	276	
20	002	−085	10	+03	084	−121	04	128	−155	04	173	−189	04	273	−205		385	266	
21	993	−146	05	−04	076	−172	03	118	−184	03	164	−209	03	262	−207		375	272	
23	998	−074	13	−00	082	−104	08	125	−148	07	171	−191	07	269	−225	07	381	305	04
24	004	−127	08	+05	085	−145	04	129	−163	05	174	−200	04	273	−193		386	292	02
25	010	−173	05	+09	089	−173	03	132	−180	04	177	−169	06	276	−223	04	388	299	02
26	011	−159	05	+10	089	−189	02	131	−220	02	176	−230	02	275	−214		387	276	
27	016	−114	10	+11	090	−167	07	133	−189	07	178	−207	06	275	−284	04	385	311	02
28	013	−185	05	+11	089	−188	03	132	−225	02	177	−183	03	276	−218		387	301	02
29	007	−208	04	+07	085	−230	02	126	−269	02	170	−230	02	268	−254	02	378	335	
30	010	−225	04	+09	086	−230	02	128	−238	02	172	−220		271	−233		382	284	02
31	004	−172	05	+04	083	−222	02	125	−254	02	169	−240	02	266	−252	03	377	291	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	484	448		630	551		809	638	052	729	219	761						
02	489	416	01	636	541		815	638	058	716	227	748	459	797				
03	496	401		645	503		830	567	080	691	249	751						
04	500	348	03	652	475		838	569	089	657	262	681	502	762				
05	498	323		651	443		838	582	082	701	254	677	494	736	624	749		
06	496	387	01	645	495		828	630	074	670	247	687	487	724	617	753	782	780
07	492	425		639	527		820	623	065	680	236	704	472	787	599	799		
08	494	439		640	527		822	616	067	684	238	714	472	785	599	799		
09	501	450		646	568		824	626	071	685	241	733	474	785				
10	509	390		658	512		840	604	086	690	257	715	495	739				
11	513	325		666	455		851	594	095	765	257	768						
12	514	342		666	462		852	576	098	756	263	760	496	785	622	790		
13	512	357		663	484		847	607	092	746	257	758	491	767	619	771		
14	509	356		661	457		847	615	088	743	255	746	489	792	616	773		
15	493	372		643	475		827	619	071	689	242	732						
16	502	408		651	493		835	592	082	698	252	716	489	752	618	767	783	783
17	501	410		649	504		833	592	083	656	256	688	496	746	625	777		
18	506	386	02	655	506		838	613	084	679	257	694	497	712	628	734	796	753
19	519	366		670	476		854	601	100	685	272	688	513	724	643	749	810	722
20	515	337	01	667	461		851	624	089	777	255	760	490	744	619	762	785	762
21	504	358	01	656	464		840	625	082	733								
23	508	388	02	658	498		841	620	082	750	248	760	478	821	603	815	764	815
24	513	388	01	663	504		845	617	088	744	255	773	485	808	610	808	771	823
25	516	349		667	494		851	614	093	759	258	790	487	798				
26	516	366		666	486		849	634	089	750	255	760	488	775	615	798		
27	512	386	01	662	500		844	642	084	781	249	781	480	790	607	799	769	799
28	515	380	01	664	504		846	642	086	753	251	788	479	822	604	825	764	832
29	504	422		652	500		835	592	083	694	253	721	487	771	613	810		
30	511	323	03	665	421		853	582	096	776	262	763	490	790	619	827		
31	505	366	02	657	462		841	624	082	743	248	768	480	785	607	801		

Results of Radiosonde Observations, Mawson September 1955

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 x10⁻¹	dg/kg	gpDm	gpDm	°C x10⁻¹	dg/kg	gpDm	°C x10⁻¹	dg/kg	gpDm	°C x10⁻¹	dg/kg	gpDm	°C x10⁻¹	dg/kg	gpDm	°C x10⁻¹	dg/kg
01	994	-126	06	-03	077	-170	04	119	-208	04	164	-250	04	259	-294	03	369	322	03
02	989	-167	05	-09	072	-197	03	114	-232	03	158	-263	03	255	-265	04	365	328	03
03	991	-158	05	-05	074	-198	03	116	-235	03	160	-237	04	258	-260	02	368	323	
04	984	-195	04	-11	068	-218	03	110	-242	02	154	-253	03	251	-274	02	360	330	01
05	980	-200	04	-14	065	-220	03	106	-241	02	150	-262	03	246	-284	03	356	326	
06	977	-188	04	-16	062	-204	02	104	-225	02	149	-250	02	245	-292	02	354	345	
07	962	-200	05	-28	051	-216	03	093	-218	03	137	-244	02	234	-287	02	342	354	01
08	974	-188	05	-18	060	-195	03	102	-239	03	146	-254	03	243	-254		353	338	02
09	970	-227	03	-21	056	-251	02	098	-270	02	142	-242	02	239	-264		348	328	
12	968	-089	12	-24	058	-116	07	101	-155	07	146	-197	06	244	-253	05	355	307	03
13	970	-180	05	-21	057	-181	03	100	-208	03	145	-193	03	243	-220		355	300	
14	957	-159	05	-32	048	-170	04	090	-210	04	135	-185	07	233	-240	06	344	330	03
16	982	-221	05	-12	066	-205	03	108	-208	02	153	-225		251	-212	05	364	250	05
17	979	-199	04	-14	064	-209	04	106	-215	04	151	-168	04	251	-208		364	273	
18	967	-228	03	-23	054	-241	02	096	-266	01	139	-266		235	-291		344	348	
19	980	-227	04	-13	064	-216	02	106	-194		151	-198		250	-223	02	362	253	04
23	990	-102	11	+06	075	-145	08	118	-173	07	163	-192	07	263	-200	05	376	253	03
24	000	-095	12	+01	082	-152	06	125	-197	05	170	-207	06	268	-232	06	381	257	05
25	993	-097	10	-04	077	-150	06	119	-194	06	164	-209	06	263	-258	04	373	323	03
26	998	-136	09	-00	080	-170	07	122	-187	07	168	-176	07	266	-225	06	378	289	04
27	987	-120	11	-09	071	-171	06	114	-199	06	159	-192	07	257	-247	05	367	333	02
28	977	-143	08	-16	063	-182	04	106	-217	04	150	-255	04	247	-262	03	357	332	02
29	977	-157	07	-16	063	-185		105	-228		150	-258		246	-293		355	351	
30	981	-155	07	-13	066	-190	03	108	-230	03	152	-262	03	248	-281	02	357	352	01

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 x10⁻¹	dg/kg	gpDm	°C x10⁻¹	dg/kg	gpDm	°C x10⁻¹	gpDm	°C x10⁻¹	gpDm	°C x10⁻¹	gpDm	°C x10⁻¹	gpDm	°C x10⁻¹	gpDm	°C x10⁻¹
01	496	391	02	647	470		830	637	071	728	239	757	473	762	601	775	765	777
02	492	406	01	641	482		825	628	066	722	234	742	467	777	595	777	759	779
03	494	408		642	520		822	653	064	723	231	754	464	780	592	780	756	797
04	487	404		635	509		818	620	062	700	233	707	471	732	601	752		
05	482	403		630	510		812	628	056	688	227	728	464	737	594	742	762	745
06	480	432		627	515		810	621	055	705	225	728	461	733	592	730	761	715
07	468	414		616	514		798	614	044	689	215	718	452	733	583	727	753	695
08	478	445		624	558		803	643	047	697	217	724	454	735	585	704	755	704
09	474	430		621	512		804	623	050	687	221	713	460	725	591	732	759	732
12	483	381	02	632	497		814	639	055	728	224	730	462	722	594	717		
13	482	392		632	498		814	637	056	719	225	732	463	710	595	693	767	672
14	469	420		617	527		798	631	043	692	215	696	457	690	590	694		
16	496	323	03	650	435		836	597	077	760	243	751	478	745	608	740	776	740
17	493	362		644	481		828	608	072	708	241	740	477	733	607	729		
18	469	439		616	540		797	618	044	674	216	697	455	709	588	711	758	714
19	493	314	03	648	427		837	558	083	717	252	728	489	728	620	727	787	750
23	506	346		657	465		842	596	092	626	270	688	526	562				
24	510	359	02	661	484		844	589	098	568	281	658	542	506				
25	499	402	01	648	502		831	601	084	600	265	660						
26	507	347	03	659	454		845	598	093	644	269	620	521	573	663	542	849	499
27	494	396	01	642	515		824	613	073	629	252	606	506	573	647	566	831	528
28	483	421		630	533		812	604	061	648	238	629	490	581	631	548		
29	479	441		626	535		807	628	055	633	232	617	484	594	624	564		
30	482	422		629	531		810	617	059	641	235	639	486	604	626	584	809	531

Results of Radiosonde Observations,
Mawson October, 1955

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	982	-186	05	-12	066	-200	03	109	-240	03	152	-282	03	249	-274	02	358	327	
02	984	-195	04	-11	067	-225	02	109	-245	02	153	-260	02	250	-265		360	338	
03	987	-197	05	-08	070	-236	03	111	-279	03	154	-314	02	249	-314	02	356	377	01
04	987	-199	05	-08	069	-248	02	110	-282	01	154	-228	02	252	-264	03	361	344	02
05	981	-229	03	-13	064	-255	02	106	-252	02	150	-259	02	246	-271	04	356	349	02
07	967	-111	10	-24	057	-125		100	-155		145	-189		243	-283		352	360	
08	978	-183	07	-15	064	-184	05	106	-199	04	151	-231	03	247	-296	03	356	359	02
09	984	-132	10	-11	069	-170	05	111	-210	04	156	-227	05	253	-271	04	363	316	03
10	002	-192	07	+03	082	-146	03	125	-161		170	-191		269	-220	04	381	284	03
11	010	-145	09	+09	087	-177	03	131	-185	03	176	-201		276	-208	03	388	297	02
12	018	-089	11	+15	096	-109	04	140	-132		186	-128		287	-160		402	242	
13	009	-115	11	+08	089	-110	05	133	-120		179	-129		280	-171	07	394	226	07
14	007	-115	15	+07	086	-180	06	129	-200	06	174	-220	06	272	-224	06	384	289	04
15	002	-126	10	+03	083	-182	03	125	-205	03	170	-184	05	269	-212	04	382	256	
17	990	-064	19	-06	075	-115	12	119	-144	10	164	-174	08	264	-205	07	376	272	04
18	982	-051	16	-13	069	-104	13	113	-129	13	159	-152	11	259	-227	06	370	319	03
19	990	-090	12	-06	075	-125	10	118	-136	10	164	-157	08	263	-230	05	374	329	02
20	993	-087	11	-04	077	-127	06	121	-160	05	166	-186	05	264	-252	03	375	292	
21	994	-073	10	-03	078	-123	04	122	-111	05	168	-121		270	-156	09	385	196	08
22	999	-098	14	+01	080	-160	08	123	-156	09	169	-139	13	271	-132	16	387	152	15
23	978	-075	12	-16	066	-120	09	109	-157	08	155	-185	08	255	-168	11	369	246	06
24	966	-084	11	-25	056	-125	09	099	-162	08	145	-198	06	244	-209	07	356	266	05
25	972	-079	11	-21	061	-107	08	104	-150	07	150	-182	07	248	-210	08	361	271	04
28	981	-042	17	-14	069	-093	09	113	-125	08	159	-142	04	259	-204		372	240	
30	985	-041	21	-10	072	-071	09	117	-113	09	163	-142	09	262	-220	06	374	285	04
31	990	-023	16	-06	077	-069	08	121	-111	07	167	-153	07	266	-235	06	377	325	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	484	399	01	633	507		816	618	061	685	234	479	480	642				
02	485	432		631	538		811	648	054	703	224	495	467	668	602	647	779	608
03	481	418		630	505		813	601	059	688	231	482	473	682	608	671		
04	487	527		634	527		816	608	062	693	232	718	471	700	603	695		
05	480	449		627	548		807	621	052	695	223	495	465	688	599	671	772	667
07	478	400		626	525		806	654	046	735	215	718	456	692	590	671		
08	481	425		629	492		812	630	055	707	225	708	467	668	602	660		
09	489	422		636	556		816	619	061	687	233	687	478	648	614	633		
10	510	350	02	662	453		848	595	091	712	263	679	507	675	642	648		
11	515	394	01	664	495		850	553	103	628	278	660	524	662	659	658	833	656
12	534	297		689	417	01	878	560	123	755	288	758	524	734	654	724	825	672
13	527	294	04	682	412		871	576	114	753	283	705	521	691	655	689	829	665
14	512	365	02	663	485		846	616	092	671	266	660	514	620	652	634	832	588
15	512	323	02	665	427		853	558	102	665	276	660	524	614	662	604	843	563
17	505	349	02	657	459		842	586	094	629	270	627	523	590				
18	497	365	01	650	439		838	568	092	610	269	610	524	557	667	527		
19	499	417	01	648	500		834	543	089	578	270	558	532	490	679	458	872	400
20	505	374		656	470		841	582	093	608	273	585	535	499	681	484	877	374
21	518	280	04	674	397		864	567	116	602	297	561	556	537	700	507	890	463
22	523	225	09	683	352	03	877	510	132	566	315	572	573	525	717	532	903	504
23	499	348	02	652	450		840	537	100	525	285	522	551	488	696	470	889	455
24	485	374	02	635	484		820	577	073	627	252	500	509	540	653	513	841	476
25	490	374	02	640	477		826	603	073	667	248	651	500	601	637	575	820	537
28	504	284		661	393		851	541	101	710	272	645	519	656	657	581	838	577
30	503	371	02	653	480		838	595	087	609	266	609	521	550	665	499	854	461
31	503	411		652	503		834	612	087	606	266	589	524	529	669	483		

Results of Radiosonde Observations,
Mawson November, 1955

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	962	-074	23	-29	054	-077	15	098	-109	14	144	-142	12	244	-204	09	357	220	08
02	988	-047	21	-08	074	-118	10	117	-150	10	163	-182	08	262	-228	03	373	301	02
03	995	-035	24	-03	080	-081	11	124	-124	10	170	-157	09	269	-240	05	380	326	03
04	990	-069	14	+06	075	-115	08	119	-154	09	164	-193	08	263	-223	07	376	265	03
05	990	-077	19	+06	075	-094	08	119	-121	08	165	-150	09	265	-209	08	377	287	04
06	999	-039	15	+01	083	-101	06	127	-142	05	172	-168	06	272	-205	07	384	288	04
07	998	-056	12	-00	082	-108	06	125	-148	05	171	-196	05	269	-255	04	380	283	
08	995	-075	10	-02	079	-125	05	122	-168	05	168	-213	05	265	-271	02	376	277	
09	997	-043	15	-01	081	-109	08	125	-146	08	170	-178	09	269	-220	07	381	280	04
10	997	-073	10	-01	080	-126	05	124	-154	05	169	-165	07	268	-198	07	381	268	02
11	992	-075	11	-05	076	-128	08	120	-153	07	165	-178	07	265	-198	04	378	262	05
13	995	-017	24	-03	081	-060	11	125	-106	10	171	-139	11	272	-167	05	387	220	08
16	000	-014	24	+01	084	-069	17	129	-106	15	175	-142	14	276	-171	11	390	219	03
17	994	+026	26	-03	081	-031	11	126	-073	10	173	-117	09	274	-160	10	389	201	06
18	993	+000	28	-04	079	-061	18	124	-096	15	170	-129	13	271	-158	13	386	191	11
19	997	+001	25	-01	083	-069	12	127	-112	11	173	-136	11	273	-201	06	387	247	04
20	992	-011	21	-05	078	-062	08	123	-102	06	169	-127	06	270	-178	08	383	261	04
21	989	-022	15	-07	075	-085	07	119	-130	06	165	-165	05	265	-188		379	238	04
23	988	+000	17	-08	075	-049		120	-088		167	-123		267	-188		383	205	07
24	980	-024	16	-15	069	-064	06	113	-102	05	159	-130	04	260	-174		374	238	03
26	971	-035	15	-22	061	-040	09	106	-061	07	153	-111	06	254	-206	05	366	293	03
27	986	-016	19	-10	073	-073	11	117	-109	11	164	-145	09	264	-198	06	376	286	04
28	985	-026	16	-11	072	-080	06	116	-114	05	163	-148	05	263	-185	05	377	243	05
29	982	-005	19	-13	070	-067	07	115	-110	06	161	-149	05	262	-172	04	377	190	07
30	993	-024	15	-04	078	-097	08	122	-136	07	168	-146	05	269	-166		383	218	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	489	320	04	643	438		829	579	082	595	262	567	523	500	670	460	864	405
02	501	377	01	651	482		835	600	087	606	268	571	527	513	674	456	868	398
03	506	398	02	656	495		839	620	089	634	267	596	526	500	673	451		
04	505	342	03	658	454		843	616	086	654	262	528	516	541	660	499	851	449
05	505	393	02	654	500		837	612	085	653	261	544	515	555	658	519	846	471
06	511	385	01	661	496		843	621	090	677	263	536	514	568	657	533	843	502
07	509	368		659	480		843	604	091	673	264	550	515	581	656	554		
08	506	351		658	460		844	594	092	666	266	536	519	571	661	541	847	500
09	510	361	02	661	475		845	614	091	665	266	536	518	580	660	539	845	514
10	510	367	01	660	482		844	616	090	666	265	543	517	576	659	554	844	514
11	508	328	03	661	434		848	570	097	662	271	553	521	597	661	567	845	537
13	519	314	04	674	418		863	547	117	581	299	574	555	582	697	548	882	511
16	523	288	03	679	400	02	869	554	118	647	296	574	557	506	703	478	894	463
17	522	282	02	679	378		870	537	124	603	306	515	574	459	723	447		
18	520	266	07	677	388	02	867	541	125	566	310	500	579	450	729	419	926	384
19	518	323		673	404		864	498	125	506	313	481	584	420	735	397	933	383
20	514	327	03	669	379	02	863	505	119	556	304	498						
21	510	326	03	664	421		853	540	113	520	303	451	575	439	725	421	921	397
23	515	311	03	670	415	01	858	564	111	572	295	514	566	414	718	394		
24	504	331	02	658	442		845	557	105	523	292	485	562	426	713	405		
26	495	312	03	650	420		838	588	092	542								
27	505	339	02	660	422		849	527	110	496	299	473	568	454	717	446	909	438
28	509	304		665	377	01	857	517	113	548	300	488	571	402	723	427	918	395
29	511	257	06	669	371	02	862	514	111	568	299	509	568	421	719	401	916	401
30	516	272	04	673	391	02	863	535	115	606	297	511	567	425	718	406	914	395

Results of Radiosonde Observations, Mawson December, 1955

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	−024	15	−00	082	−099	07	126	−131	06	172	−145	05	273	−180		386	241	03
02	991	−020	16	−06	077	−085	05	121	−128	05	167	−166	04	267	−172	04	381	240	03
03	986	−024	19	−10	073	−089	11	117	−126	09	163	−144	08	264	−159	11	378	212	08
04	984	−018	18	−11	072	−074	09	116	−109	08	162	−145	07	262	−205	03	375	254	05
05	985	−020	17	−11	072	−079	09	117	−105	09	163	−134	06	263	−200	05	377	258	03
06	979	−050	15	−15	067	−083	10	111	−107	10	158	−135	07	258	−175	04	372	226	
07	986	−030	20	−10	073	−077	11	117	−105	10	164	−127	07	265	−182	04	379	235	05
08	984	−019	22	−11	072	−085	13	116	−127	12	162	−141	11	262	−206	05	375	253	05
09	989	−015	19	−07	076	−079	11	120	−113	10	166	−154	08	265	−220	06	377	277	04
10	987	+012	24	−09	075	−053	13	119	−096	13	166	−136	11	266	−215	08	378	268	05
11	991	−012	17	−06	078	−060	11	122	−094	11	169	−118	06	269	−206	06	381	277	03
12	988	−011	17	−08	075	−058	14	120	−092	10	166	−119	08	267	−178	05	381	203	
13	985	+007	18	−11	074	−024	09	119	−074	08	165	−117	07	266	−190	07	380	210	09
14	983	+015	19	−12	072	−035	08	117	−078	07	164	−120	06	264	−171	05	380	186	
15	988	−006	17	−08	075	−066	09	119	−110	09	166	−141	08	267	−158		382	218	
16	994	−002	18	−03	080	−070	08	124	−111	06	170	−151	06	271	−172		385	237	
17	996	−003	20	−02	082	−072	10	126	−107	08	172	−148	07	271	−199	04	385	242	
18	991	+003	20	−06	078	−066	10	122	−103	12	169	−128	13	269	−193	08	382	240	04
19	989	+000	17	−07	077	−041	07	121	−084	06	168	−128	04	268	−200	03	382	227	
20	993	+000	18	−04	079	−053	12	124	−095	12	170	−125	11	271	−170	11	386	215	09
21	999	+023	24	+01	085	−043	16	130	−084	15	176	−125	13	278	−132	15	393	212	05
22	002	+017	22	+03	087	−048	09	132	−080	08	179	−105	08	281	−131	15	397	201	10
23	003	+022	24	+04	087	−055	10	132	−085	12	179	−120	13	280	−166	11	394	224	08
24	004	+018	25	+05	089	−055	18	133	−092	17	180	−117	16	281	−175	10	395	241	07
25	004	+026	25	+05	089	−046	11	133	−093	10	180	−135	10	280	−195	09	393	255	06
26	994	+020	21	−03	081	−038	10	126	−085	09	172	−131	08	272	−210	08	385	240	05
27	999	+008	27	+01	084	−068	19	129	−102	17	175	−134	15	276	−189	10	389	263	05
28	005	+022	27	+05	089	−057	13	134	−101	11	180	−140	10	280	−194	09	393	256	04
29	993	+037	33	−04	080	−031	21	125	−053	19	173	−065	20	276	−102	12	394	164	12
31	995	+013	21	−03	081	−055	12	126	−092	11	172	−120	09	274	−150		390	177	

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	313	03	673	423		863	515	122	552	507	517	576	420	728	395		
02	512	316	02	666	418		857	502	123	474	513	470	582	456	732	419	928	390
03	511	276	05	668	375	02	864	424	138	438	332	455						
04	506	323	02	660	416		850	475	125	402	318	421	590	445	740	438		
05	507	323		652	425		851	506	120	415	316	413	590	422	740	431	934	421
06	504	313	02	659	414	01	848	544	112	477	304	420	581	393	733	400	931	389
07	510	321	03	664	427		853	514	117	489	306	460	578	403	731	398		
08	505	347	02	658	444		845	536	110	484	300	457	575	392	729	365	927	366
09	506	355	01	658	464		846	506	114	476	304	456	579	388	732	361		
10	508	371	02	659	454		848	510	114	473	305	452	579	397	732	375		
11	510	358	01	662	441		852	503	117	480	308	429	583	396	735	395		
12	515	261		673	368		866	521	123	537	311	466	583	415	736	396	934	377
13	512	279	05	669	372	03	861	521	117	550	304	460	578	386	732	373	931	350
14	514	252	05	672	370	02	865	520	119	557	305	468	579	387				
15	514	286	04	671	388	02	862	537	117	551	307	452	579	411	731	387	929	365
16	515	327	02	670	411		858	551	118	479	309	469	581	410	733	400		
17	516	312		670	428		853	553	119	485	310	444	584	398	736	391	934	376
18	514	297		670	413		860	540	121	479	312	454	587	401	740	385	938	370
19	515	291		671	385		862	530	122	482	314	449	587	410	739	385	937	368
20	518	269	06	676	375	02	868	517	128	498	319	459	591	419	742	395	940	367
21	526	287	04	692	390	01	874	529	135	482	325	466	597	428	748	404	945	374
22	529	291	05	686	386	02	877	528	138	480	329	459	601	422	752	414	948	377
23	525	307	02	681	379	01	873	507	140	455	331	444	603	405	755	393		
24	525	332	04	679	441		870	457	142	450	334	449	606	415	757	400	954	382
25	523	319	02	678	420		866	497	136	443	328	447	600	408	753	395	951	372
26	516	323	02	669	437		859	489	128	453	320	423	597	390	749	382	948	367
27	518	344	03	672	435		862	484	131	455	324	427	601	378	754	378		
28	523	335	02	677	423		863	481	137	460	329	423	606	386	759	377		
29	529	245	08	688	353	03	881	517	146	473	336	461	610	412	761	401	959	362
31	524	260	03	683	366	01	875	526	138	445	330	450	603	395				

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Macquarie Island, 1955

January,

DAY	GEOPOT-ENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	889	300	478	2
02	734	367	411	1
03	767	348	427	2
04	840	316	497	2
05	805	334	427	2
06	788	341	416	1
07	740	364	496	2
08	940	275	557	2
09	799	335	485	1
10	928	282	521	2
11	914	286	554	1
12	776	349	435	1
13	962	270	528	1
14	1058	238	537	1
15	929	280	523	1
16	934	282	521	1
17	885	300	453	1
18	987	255	506	1
19	1033	241	574	2
20	772	345	431	1
21	801	337	471	2
22	1029	245	531	2
23	885	300	468	1
24	839	321	467	2
25	761	355	442	2
26	735	363	481	1
27				
28	1180	200	626	1
29	860	308	474	1
30	849	309	523	1
31	800	330	483	1

February,

DAY	GEOPOT-ENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	776	344	511	1
02	769	354	433	2
03	1019	253	538	1
04	1117	224	596	1
05	1058	245	518	2
06	923	288	510	1
07	845	316	440	1
08	1156	205	606	1
09	834	323	451	2
10	783	344	465	1
11				
12	1107	223	592	1
13	1033	244	530	1
14	758	353	471	1
15	964	265	577	2
16	1190	200	607	1
17	1135	215	557	1
18	1020	248	546	1
19	917	284	544	1
20	909	284	504	1
21	904	290	477	1
22	805	327	500	1
23	882	298	485	1
24	915	285	450	1
25	746	355	493	1
26	877	308	457	2
27	759	352	422	1
28				

March,

DAY	GEOPOT-ENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	1115	217	588	1
02	918	284	506	1
03	760	361	478	2
04	1009	252	565	1
05	940	280	504	1
06	972	264	441	2
07	1008	251	560	1
08	914	288	479	1
09	958	267	409	2
10	758	353	494	1
11	1104	223	578	1
12	1054	245	480	1
13	968	270	522	1
14	702	380	433	1
15	915	284	515	1
16	927	276	517	1
17				
18				
19				
20				
21				
22				
23	1077	232	564	2
24	1033	240	451	3
25	1210	187	554	2
26	761	345	471	1
27	975	261	528	2
28	1036	242	599	1
29	781	337	468	1
30	785	337	505	1
31	755	355	490	2

April,

DAY	GEOPOT-ENTIAL	PRESSURE	TEMPER-ATURE	TYPE
02	1094	226	596	1
03	1085	231	568	1
04	994	258	557	2
05	1192	190	678	1
06	765	351	443	2
07	1063	233	581	1
08	999	254	583	1
09	742	363	401	1
10	1080	236	587	2
11	1126	275	591	2
12	1008	262	541	2
13	1100	225	610	2
14	1203	193	647	1
16	899	300	480	2
17	1073	231	585	2
18	1110	226	618	1
19	889	300	494	3
20	972	267	563	1
21	1021	246	608	2
22	910	285	502	3
23	1140	205	605	1
24	1059	230	584	1
25	917	280	538	1
26	615	425	507	1
27				
29				
30	1157	206	650	2

May,

DAY	GEOPOT-ENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	1073	232	621	2
02	1089	218	584	1
03	654	406	454	2
04	979	257	607	2
05	1076	223	630	2
06	1048	231	651	2
07	822	315	529	2
08	862	300	526	1
09	974	263	602	1
10	989	256	520	2
11	1132	211	635	1
12				
13	1139	209	653	1
14	1242	177	726	2
15	780	346	496	1
16	837	316	533	2
17	869	300	520	1
18	945	266	545	1
19	995	253	542	2
21	988	260	607	2
22	984	258	609	2
23	943	268	587	2
24	970	252	563	1
25				
26				
27				
28	1071	230	611	2
29	832	320	541	1
30	987	254	582	1

June,

DAY	GEOPOT-ENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	917	284	517	2
02	1038	239	587	1
03	1005	250	589	2
04	955	266	556	2
05	918	276	646	1
06				
07	745	351	468	3
08				
09				
10	1106	217	641	3
11	1015	246	633	1
12	758	354	487	3
13	995	250	630	1
14	717	361	457	3
15	756	340	450	2
16	970	255	625	1
17				
18	1126	209	657	1
19	959	266	536	2
20	1020	244	639	1
21	923	287	511	1
22	1066	224	624	1
23	958	263	635	1
24	1065	228	686	2
25	1030	241	669	2
26	1006	249	635	2
27	975	260	635	2
28	1005	243	640	1
29	1046	231	675	1
30	1061	225	665	1

Results of Radiosonde Observations,

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Macquarie Island, 1955

July,

DAY	GEOPOTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	1062	224	694	1
02	1063	224	658	1
03				
04	1113	209	706	1
05	870	300	584	3
06	997	248	611	3
07	1091	214	685	1
08	946	262	620	3
09	873	290	614	3
11	746	354	537	3
12	1084	218	730	1
13	1070	226	687	2
14	1071	225	638	1
15	1126	206	722	1
16	795	334	537	1
17	1025	238	620	3
18	886	288	621	1
19	807	325	540	2
20				
21	1127	210	712	2
22	1160	200	709	3
23	1158	200	710	1
24	1067	226	667	1
25	974	261	621	2
26	1083	220	729	1
27	1046	233	674	3
28	1020	240	663	1
29	1056	226	642	1
30	1023	241	670	2
31				

August,

DAY	GEOPOTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	1118	210	727	1
02	1121	209	702	1
03	1072	222	613	2
04	1081	218	630	1
05	956	266	610	2
06	968	257	623	2
07	1032	230	682	1
08	1041	228	682	1
09				
10	853	300	600	1
11	1002	242	576	1
12	1023	238	630	1
13	987	255	624	1
14	922	284	588	2
15	877	300	567	2
16	876	300	568	3
17	940	272	590	1
18	949	265	605	1
19	1008	241	678	1
20	1015	241	676	1
21	1076	220	658	1
22	943	269	583	1
23	1020	239	653	1
24	828	321	504	2
25	985	255	626	1
26	871	300	550	2
27	920	275	554	1
28	1007	245	599	3
29	1087	224	664	2
30	874	300	496	1
31	971	261	615	1

September

DAY	GEOPOTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	1101	219	694	2
02	967	268	607	2
03	1027	241	662	1
04	971	259	619	1
05				
06	1135	205	642	1
07	1008	251	599	3
08	1086	223	645	1
09	1056	234	648	1
10	1046	237	618	1
11	1002	249	549	1
12	1035	232	685	1
13				
14	1090	214	606	1
15	845	308	560	1
16	900	281	636	1
17	892	283	563	1
18	1016	235	558	1
19	974	251	597	1
20	997	244	617	1
21	1026	231	668	1
22	919	270	586	1
23	979	245	545	1
24	817	315	541	1
25	1000	234	565	1
26	1050	222	674	1
27	902	282	578	1
28	1013	244	597	1
29				
30	1034	243	597	1

October,

DAY	GEOPOTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	906	292	524	1
02	872	305	488	1
03	924	279	489	1
04	706	377	479	2
05	820	320	580	1
06	931	267	577	3
07	1029	237	619	1
08	1089	221	612	1
09	1053	240	554	1
10	1125	213	648	1
11	1025	244	562	1
12	1088	223	600	1
13	1071	228	579	1
14	900	294	513	2
15	975	264	540	1
16	947	273	567	2
17	951	270	530	2
18	1139	204	672	1
19	1100	216	661	1
20	763	360	497	1
21	1091	220	652	1
22	934	272	626	1
23				
24				
25	833	312	555	2
26	786	338	475	1
27				
28	1132	208	670	1
29	1104	220	607	1
30	990	260	570	2
31	868	308	461	1

November,

DAY	GEOPOTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	859	300	518	2
02	938	260	533	1
03				
04	810	325	471	2
05	1060	230	594	1
06	966	265	571	2
07	990	255	607	1
08				
09	961	266	498	1
10	709	384	463	1
11	964	270	573	2
12	1021	246	574	2
13	775	351	437	3
14	978	263	560	1
15	801	330	449	1
16	861	300	568	3
17	981	246	541	1
18	960	253	556	1
19	741	352	480	1
20	759	346	507	2
21	960	264	581	1
22	920	287	530	2
23	876	300	490	2
24	883	300	544	2
25	963	266	504	2
26	781	337	413	1
27	803	329	487	1
28	827	317	494	2
29	1055	231	575	1
30	962	263	529	1

December,

DAY	GEOPOTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	904	283	546	1
02	965	263	507	1
03	984	257	527	1
04	1008	249	565	1
05	980	261	535	1
06	800	331	392	1
07				
08	1012	259	546	2
09				
10	1187	200	632	2
11				
12	968	269	494	1
13	994	261	560	1
14	1003	254	587	1
15	1018	250	507	2
16	1188	200	606	2
17	1515	117	476	1
18	1051	236	552	1
19	1465	128	565	1
20	1065	244	564	2
21	1235	188	640	1
22	1157	212	592	1
23	1590	108	551	1
24	1061	238	587	1
25				
26	1120	222	560	1
27	1129	218	564	1
28	1125	219	590	1
29	1185	200	634	1
30	1109	223	556	1
31	1136	215	615	1

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DAY	GEOPOTENTIAL	PRESSURE	TEMPERATURE	TYPE
June,				
01	986	230	655	1
02				
03	898	265	628	1
04	874	272	608	1
05	881	272	611	1
06	920	259	589	3
07	891	273	606	1
08	1077	200	643	1
09				
10	866	281	612	1
11	1015	221	663	1
12	1017	218	626	1
13	921	249	642	2
15	861	273	645	1
16	990	228	672	2
18	978	234	714	1
19	1042	210	747	1
20				
21	1476	100	741	2
22	933	245	640	1
23	811	300	584	2
24	1495	100	683	2
25	700	365	582	1
26	934	251	640	1
27	901	263	634	1
28	891	267	659	1
29	903	256	661	1

DAY	GEOPOTENTIAL	PRESSURE	TEMPERATURE	TYPE
July,				
01	950	237	673	1
02	887	262	651	1
03	1022	212	679	2
04	994	227	708	1
07	920	257	715	2
10	1040	215	667	1
12	891	268	629	2
13	1087	193	695	1
14	892	269	662	1
15	904	261	659	2
16	858	280	645	2
17	963	235	683	2
18	806	300	622	1
19				
20	1398	116	707	1
21	876	271	610	2
22	1032	217	686	1
23	975	238	709	2
24	949	245	736	1
25	894	266	663	2
26	867	280	632	1
27	849	287	596	3
28	1028	220	663	1
29	988	233	730	1
31	926	248	703	2

DAY	GEOPOTENTIAL	PRESSURE	TEMPERATURE	TYPE
August,				
01	1052	200	729	3
02	1058	200	716	3
03	974	237	656	2
04	1502	100	762	3
05	1494	100	669	3
06	915	263	662	2
07	1472	100	787	2
08	1328	128	756	3
09	1444	106	791	1
10	1022	223	681	3
11	1186	171	834	1
12	1169	176	799	1
13	1166	176	806	1
14	1088	200	743	2
15	961	241	730	1
16	1169	172	721	1
17	1130	185	670	3
18	938	254	662	1
19	1010	236	688	1
20	1076	205	799	1
21				
23	1024	221	742	2
24	1102	195	752	2
25	1126	189	772	2
26	1089	200	750	3
27	1037	217	745	1
28	1030	220	749	1
29	1083	200	694	3
30	1102	198	779	1
31	1010	226	735	1

DAY	GEOPOTENTIAL	PRESSURE	TEMPERATURE	TYPE
September				
01	982	233	730	1
02	953	243	725	1
03	1008	220	718	3
04	1049	204	708	1
05	950	239	687	1
06	966	233	681	1
07	978	223	688	1
08	991	220	704	1
09	841	282	642	2
12	1013	215	730	1
13	970	232	713	2
14	942	237	685	1
16	1060	206	779	1
17	986	231	698	2
18	857	273	647	1
19	1040	215	722	1
23	964	246	643	1
24	797	324	603	1
25	767	332	590	2
26	1020	226	657	1
27	760	333	595	2
28	961	236	644	1
29	750	237	648	1
30	810	300	617	3

DAY	GEOPOT-ENTIAL	PRESSURE	TEMPER-ATURE	TYPE
November,				
01	922	258	616	1
02	812	311	609	1
03	908	269	635	1
04	993	234	726	1
05	932	257	650	2
06	963	246	664	2
07	965	246	661	1
08	999	233	659	2
09	1002	232	685	1
10	970	244	668	1
11	1016	229	673	1
13	1010	237	609	1
16	1000	243	664	1
17	972	254	614	1
18	987	249	569	1
19	943	266	547	1
20	981	248	600	1
21	1010	235	555	1
23	986	245	643	1
24	845	300	557	1
26	907	268	621	1
27	930	264	545	1
28	982	245	608	1
29	1027	230	663	1
30	1057	220	670	1

DAY	GEOPOT-ENTIAL	PRESSURE	TEMPER-ATURE	TYPE
October,				
01	994	224	690	1
02	963	234	700	2
03	1022	212	684	2
04	947	242	675	1
05	1052	200	695	2
07	926	245	728	1
08	915	253	683	2
09	1061	200	687	1
10	1010	230	710	2
11	987	241	615	2
12	1160	187	776	2
13	1114	200	753	1
14	944	255	675	1
15	1048	218	677	1
17	970	244	616	3
18	912	265	596	2
19	937	254	597	1
20	981	240	616	1
21	963	255	634	1
22	1043	231	633	1
23	840	300	537	2
24	981	232	621	2
25	957	242	659	2
28	1167	178	744	1
30	1024	222	663	1
31	834	300	612	1

DAY	GEOPOT-ENTIAL	PRESSURE	TEMPER-ATURE	TYPE
December,				
01	952	261	560	1
02	857	300	502	2
03	864	300	424	1
04	804	321	512	1
05	787	331	506	1
06	848	300	544	1
07	796	328	517	1
08	770	336	524	2
09	846	300	506	1
10	730	360	497	2
11	852	300	503	2
12	978	252	599	1
13	987	245	615	1
14	1006	240	633	1
15	970	252	621	1
16	940	264	594	1
17	902	280	578	1
18	915	275	548	1
19	956	260	590	1
20	976	252	583	1
21	972	257	569	1
22	945	271	576	1
23	897	289	526	1
24	710	382	457	2
25	824	320	525	1
26	786	335	498	1
27	816	322	490	1
28	810	327	482	1
29	952	269	555	1
31	956	265	572	1

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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	03	10	26	21	25	10	26	23																
JAN	03	22	30	15	30	13																		
JAN	04	22	22	03	25	10																		
JAN	05	04	27	20	29	32	28	37	27	27	28	36												
JAN	05	10	05	10	33	14																		
JAN	05	22	29	21	29	25	29	31	29	31	30	29												
JAN	06	04	31	14	30	24	29	29	30	31	30	38	30	35	30	40	30	70	31	07				
JAN	06	10	32	12	31	20	31	22	31	17														
JAN	07	04	29	22	29	32	28	31	28	39	28	38	28	45	28	48	26	45	25	50				
JAN	07	10	28	26	28	34	28	42																
JAN	08	22	31	16	31	22	31	31																
JAN	09	04	30	35	30	44	30	53	29	49	29	59												
JAN	09	10	28	29	29	33																		
JAN	09	16	32	30	33	30																		
JAN	10	04	29	20	29	31	29	31	29	35														
JAN	10	10	29	16	29	25	29	31	30	27														
JAN	10	22	31	11	32	20	31	27	30	23	32	29												
JAN	11	04	33	10	33	16	32	21	32	24	31	26	31	36	30	63								
JAN	13	04	27	21	26	20	24	15	25	20	24	27												
JAN	13	10	29	17	30	20	28	19	27	16														
JAN	15	04	29	23	29	34																		
JAN	15	22	26	18	26	27	26	32	26	41														
JAN	16	04	28	14	29	20	27	25	27	28	27	27	26	39										
JAN	16	10	29	12	30	18																		
JAN	16	22	36	14	04	26																		
JAN	17	22	29	29	28	35	27	45																
JAN	18	04	27	35	27	48	27	57																
JAN	19	16	32	20	33	30	32	39																
JAN	19	22	31	35	32	43																		
JAN	20	22	26	22	25	33	24	25	25	37														
JAN	21	10	26	21	25	40	25	24																
JAN	22	16	31	16	31	15																		
JAN	22	22	31	22	31	30																		
JAN	23	04	29	24	29	32	27	39	28	40	28	44	28	63	28	64	29	89						
JAN	23	22	27	28	26	52	26	41																
JAN	24	04	27	26	27	48	25	39	26	57	26	57												
JAN	24	10	26	34	26	48	26	35																
JAN	25	10	27	24	23	20	23	32																
JAN	25	22	26	22	25	29	25	44																
JAN	26	04	27	28	25	25																		
JAN	26	10	26	28	23	34																		
JAN	27	16	26	12	25	08	24	20																
JAN	27	22	31	10	32	12	31	16																
JAN	28	16	31	22	30	32	29	42																
JAN	28	22	31	19	31	30	30	46																
JAN	29	04	31	30	32	44	30	60	29	56	30	66	30	79										
JAN	29	10	31	32	03	27																		
JAN	29	16	31	18	31	26	30	35																
JAN	29	22	33	14	32	20	31	24	31	25														
JAN	30	22	00	00	11	03	04	09	03	20														
JAN	31	04	32	20	32	30	32	41	32	43	32	38	33	40	33	53	33	74	32	82	32	04		
JAN	31	10	30	27	31	30																		
JAN	31	22	32	16	31	13	31	26	31	31	31	26												
FEB	01	04	35	08	36	18	36	17	34	06														
FEB	01	22	29	22	30	32	29	52																
FEB	02	04	27	21	26	17	23	33	24	36	24	32												
FEB	02	10	27	20	26	40	26	24																
FEB	02	22	18	22	20	14																		
FEB	03	04	26	28	26	35																		
FEB	03	10	26	23	25	25																		
FEB	04	22	22	03	25	10																		
FEB	06	04	29	22	30	36	28	46	33	39	29	40	29	50	30	62	29	62	29	67				
FEB	06	10	31	22	31	34	29	41																
FEB	06	22	29	24	29	26	29	37																
FEB	07	04	29	29	28	40	26	49																
FEB	07	10	26	21	25	31	25	30																
FEB	07	22	27	20	26	30	26	35	25	18														
FEB	08	04	31	20	30	39																		
FEB	09	10	29	19	28	32	27	35																
FEB	09	16	29	28	29	40	28	39	28	45														
FEB	09	22	29	25	28	28	27	36																
FEB	10	04	27	26	27	54	26	45																
FEB	10	10	27	30	26	46																		
FEB	10	22	26	26	26	41																		
FEB	11	04	27	21	27	33	26	38																
FEB	11	10	29	23	28	28	26	25																
FEB	11	22	30	25	30	26	29	37																
FEB	12	04	31	18	31	34																		
FEB	12	16	18	04	19	10																		
FEB	12	22	00	00	20	06	22	05	24	10	27	19	28	29										
FEB	14	10	24	06	24	19	24	25																
FEB	14	22	27	15	24	23																		
FEB	15	04	27	22	26	35	25	34	24	43	24	49	23	48										
FEB	15	10	28	16	28	23	27	22																
FEB	15	22	29	13	28	21	29	30																
FEB	16	04	30	12	30	29	31	27	28	33	29	28	28	28	28	34	24	22	22	34	21	36	19	54
FEB	17	22	30	02	36	11																		
FEB	18	04	34	04	36	13	02	21	01	25														

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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
FEB	19	04	08	04	07	06	06	09	04	12														
FEB	20	04	25	24	26	40	25	43																
FEB	20	10	25	21	26	22	25	21																
FEB	21	22	28	33	29	32																		
FEB	22	04	29	25	29	64																		
FEB	22	10	28	27	29	32																		
FEB	22	16	29	25	28	28	27	45																
FEB	22	22	29	25	29	23	28	34																
FEB	23	04	30	16	30	22	29	28	29	27	29	31	29	39	30	75	30	80						
FEB	23	10	28	11	27	17																		
FEB	23	22	32	19	32	22	31	48																
FEB	24	04	29	23	29	43	29	45	28	60														
FEB	24	10	28	19	27	40	27	37																
FEB	24	22	28	20	28	30	27	36																
FEB	25	04	28	28	29	37																		
FEB	25	10	29	29	29	45																		
FEB	25	22	27	20	26	32																		
FEB	26	04	27	15	27	20	28	30	27	39	26	36	26	47	26	46								
FEB	26	10	33	07	35	09	31	19	31	15														
FEB	27	04	33	13	35	37	33	44																
FEB	27	10	30	02	31	10	31	11	31	11	32	12												
FEB	28	04	19	22	20	39	22	27																
FEB	28	10	20	10	22	09																		
FEB	28	16	31	08	31	19	27	20	25	10														
FEB	28	22	32	15	33	26	31	22																
MAR	01	04	33	26	35	44	33	44																
MAR	02	04	29	25	29	42	29	49	28	50	29	51	29	62										
MAR	02	10	29	22	29	34	28	40																
MAR	02	16	30	16	29	27																		
MAR	02	22	31	13	31	25	30	33																
MAR	03	04	30	10	30	25	29	27																
MAR	03	16	17	04	18	08	26	16																
MAR	03	22	27	10	27	17	27	17																
MAR	04	04	31	09	31	08	29	24	26	28	25	34	28	38	28	49	27	07	28	72	27	12	27	52
MAR	04	10	33	21	34	29	32	31																
MAR	04	22	32	08	31	15	30	22	30	23														
MAR	06	22	28	16	27	33																		
MAR	07	04	32	11	31	25	30	31	31	34	29	40	29	56	29	77	29	89						
MAR	07	10	33	08	31	21																		
MAR	07	22	32	15	32	30																		
MAR	08	04	33	20	34	44																		
MAR	09	04	31	25	30	48	29	69																
MAR	09	22	29	22	29	24	28	32	28	38	27	41	28	38	28	33								
MAR	10	04	28	22	28	36	27	41	27	51	27	58												
MAR	11	22	31	23	32	36																		
MAR	12	16	30	06	28	18	26	41																
MAR	12	22	31	03	27	11	31	16	30	17														
MAR	13	04	33	02	01	12	36	34	35	15														
MAR	13	22	31	21	32	27	31	35	31	38	31	42	32	38										
MAR	14	04	30	16	30	31																		
MAR	14	10	27	11	26	27	26	28																
MAR	14	16	22	06	23	17	23	24																
MAR	15	16	29	25	28	41	27	25																
MAR	15	22	31	18	31	29																		
MAR	16	22	23	19	23	30																		
MAR	17	04	26	22	26	33																		
MAR	17	10	28	14	29	20	29	20	28	38														
MAR	17	16	23	06	25	21																		
MAR	17	22	26	30	25	45																		
MAR	18	04	27	35	27	52	26	73																
MAR	18	22	27	24	24	40																		
MAR	19	04	23	13	23	23	23	35	23	55	23	49	23	49	23	73	23	02						
MAR	19	10	28	13	26	20	25	15																
MAR	21	04	24	22	23	32																		
MAR	21	16	27	20	27	23	26	19																
MAR	24	22	28	29	27	45	27	48																
MAR	25	10	28	07	27	21	26	34	26	26														
MAR	25	22	28	24	28	26																		
MAR	26	04	32	14	31	26	29	33	29	39	29	55												
MAR	26	22	26	11	26	31	26	40	26	31														
MAR	27	22	27	07	28	18	26	19																
MAR	28	04	31	05	34	10	32	20																
MAR	28	22	29	28	29	35	28	53																
MAR	29	04	33	29	33	52																		
MAR	30	04	28	34	27	55	26	60	26	76	26	68	26	72										
MAR	30	10	29	22	29	28	28	42																
MAR	31	04	26	25	24	30	23	46	23	44	24	47	25	52	26	64								
MAR	31	10	21	04	22	19	23	24	24	38														
MAR	31	22	29	23	30	31	29	26																

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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	05	22	27	23	26	22																		
APR	06	16	26	22	26	37	26	40																
APR	06	22	30	24	30	28	29	34																
APR	07	22	26	21	26	38																		
APR	08	04	27	06	28	16	28	28	29	25	29	22	28	46										
APR	09	04	29	35	28	56	27	56	27	95														
APR	09	22	29	13	29	30	28	13																
APR	10	04	31	18	32	37																		
APR	12	16	29	07	29	14																		
APR	13	04	19	06	23	11																		
APR	13	10	18	05	18	13	18	23																
APR	13	16	14	10	15	11	15	10	20	14														
APR	13	22	07	02	05	10	06	07																
APR	14	04	35	05	03	14	02	18	33	10	34	17												
APR	14	10	34	12	04	15																		
APR	16	04	28	22	28	48																		
APR	16	16	28	06	28	22	28	25	25	34														
APR	17	04	33	23	33	44	31	50	32	35	31	44												
APR	19	04	29	05	28	13	26	19	26	16	27	17												
APR	19	10	23	12	20	06	22	16	21	22														
APR	19	16	18	02	20	15	21	17	22	19	20	20												
APR	19	22	18	03	19	08	20	18																
APR	20	04	22	04	22	11	21	14																
APR	20	10	26	10	26	15																		
APR	20	22	31	12	31	18	29	18																
APR	21	04	32	21	33	42																		
APR	22	04	29	24	27	35	27	50	27	60	28	59	28	76	28	95								
APR	22	10	28	28	27	35																		
APR	22	16	26	25	26	25	26	30																
APR	22	22	28	24	28	32	28	38	27	37	26	33	25	56	26	67								
APR	23	04	31	23	32	38	30	54																
APR	24	04	27	02	25	06	22	18	27	18														
APR	24	10	27	01	27	08	28	04	28	06	28	17												
APR	24	22	26	16	25	25	26	21	27	22														
APR	25	04	30	13	29	20	26	18	26	24														
APR	25	10	00	00	27	07	27	04	30	04	28	11	29	14										
APR	25	16	00	00	05	02	01	04																
APR	25	22	00	00	06	04	07	04	05	02	23	04	24	08										
APR	26	04	06	02	06	06	05	08	33	04	26	07	25	10	24	09	27	28	27	25	30	35	30	32
APR	26	10	00	00	01	04	34	02																
APR	26	16	18	13	19	19	20	16																
APR	26	22	26	05	24	17	25	13	28	15														
APR	27	04	29	16	30	23	27	22	24	20	23	27	23	33	22	48								
APR	27	22	26	18	24	22	24	69																
APR	28	04	26	20	24	25																		
APR	28	22	20	08	22	19																		
APR	29	04	25	16	24	33																		
MAY	02	22	26	18	25	27	25	29																
MAY	03	04	26	21	27	33	26	41	26	39	26	50												
MAY	04	10	29	29	30	47	29	58																
MAY	04	22	31	29	33	42																		
MAY	05	04	33	29	33	51	31	56	30	56														
MAY	06	04	36	05	01	20																		
MAY	07	16	25	08	23	26	22	11	23	18														
MAY	08	04	26	20	26	21	24	56																
MAY	08	22	26	14	26	24	26	35																
MAY	10	04	29	21	28	45																		
MAY	12	22	25	13	23	12																		
MAY	13	04	26	12	25	16	24	31																
MAY	13	10	00	00	22	05																		
MAY	13	16	29	05	32	11																		
MAY	13	22	34	06	03	10																		
MAY	14	10	35	10	36	11																		
MAY	15	22	31	23	31	38																		
MAY	16	04	29	30	30	46	29	60																
MAY	16	10	31	20	32	25	31	38																
MAY	17	04	28	11	29	20	29	35	29	40														
MAY	18	04	32	04	32	11	27	14	31	20														
MAY	18	10	26	14	26	21	28	24																
MAY	18	16	24	03	22	13	22	14	24	14	28	13												
MAY	18	22	17	11	18	21	18	19																
MAY	19	04	16	40	17	45																		
MAY	19	22	17	31	18	47																		
MAY	20	04	15	32	16	35																		
MAY	20	16	17	10	19	09																		
MAY	20	22	20	21	21	09	20	16	20	19	20	35	20	33	20	34	19	42	20	49	19	44		
MAY	21	04	27	17	27	33																		
MAY	21	22	25	08	23	07																		
MAY	22	04	26	11	25	19	24	31	24	27														
MAY	22	10	26	15	24	22																		
MAY	22	16	28	18	27	45	26	24																
MAY	22	22	26	19	27	56																		
MAY	23	04	29	15	29	30	28	31																

Results of Upper Wind Observations, Macquarie Island, 1955

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
MAY	23	10	28	20	29	25	29	47																
MAY	23	22	26	18	25	22	26	20																
MAY	24	04	27	27	26	55	26	54	26	49														
MAY	24	22	25	13	24	24																		
MAY	25	04	25	16	23	38	24	57	24	54														
MAY	25	10	27	15	25	24																		
MAY	25	16	23	16	23	14																		
MAY	25	22	21	11	22	06																		
MAY	26	04	22	08	23	22	22	24																
MAY	26	10	28	10	29	10	28	10																
MAY	29	04	31	22	31	46	29	63	29	54	29	60												
MAY	29	10	30	25	32	21																		
MAY	29	16	31	22	34	21																		
MAY	30	10	00	00	30	09	32	24	32	25														
JUN	01	04	16	17	17	34																		
JUN	01	22	16	12	17	14																		
JUN	02	04	18	03	17	09																		
JUN	02	22	29	03	28	08	24	08	23	04	27	07	28	15	29	15	30	16	32	18	32	27	32	39
JUN	03	10	26	10	24	23																		
JUN	03	16	20	04	21	08																		
JUN	03	22	17	08	19	17	18	26																
JUN	04	04	26	12	26	17	25	20	25	20	21	29	25	32	24	24	24	26	23	35	23	38	25	37
JUN	05	04	26	23	26	42																		
JUN	05	22	26	14	25	07																		
JUN	06	04	26	30	26	37	25	48																
JUN	07	04	26	20	25	28	23	38																
JUN	08	04	26	12	24	30	23	31	22	30														
JUN	08	10	27	14	26	14	26	18																
JUN	08	16	23	03	24	28																		
JUN	14	04	28	20	28	40	28	49	28	53														
JUN	15	04	28	33	28	51	27	61																
JUN	16	04	26	19	26	32	25	35																
JUN	17	04	26	25	26	42																		
JUN	17	10	00	00	23	08	22	07	24	15														
JUN	17	22	32	15	23	29	23	25																
JUN	18	04	35	16	36	43	34	51																
JUN	19	04	27	19	26	31	24	27																
JUN	19	10	30	18	30	19	30	18	27	44	23	21												
JUN	19	22	30	21	29	33	29	34																
JUN	20	04	31	20	30	43	29	44	29	53														
JUN	20	22	27	12	24	17	25	25																
JUN	21	04	22	09	23	17																		
JUN	21	10	22	08	21	23	22	18																
JUN	21	22	26	14	25	16	25	29																
JUN	22	04	26	19	25	29																		
JUN	22	16	25	12	23	34																		
JUN	22	22	23	18	23	25																		
JUN	23	04	26	24	25	40																		
JUN	23	22	20	13	21	19																		
JUN	24	04	18	09	20	11	18	35	18	38	19	40	19	43	21	29	21	41	19	52	19	47		
JUN	24	10	24	04	20	11																		
JUN	24	16	24	08	21	17																		
JUN	24	22	26	08	27	09																		
JUN	25	04	24	13	24	18	25	15	26	28	26	26	25	26	25	20	27	24	28	29	30	25	29	54
JUN	25	10	29	03	30	10																		
JUN	26	04	28	21	28	40																		
JUN	26	10	27	12	27	30	26	29	25	31														
JUN	26	16	26	13	25	17																		
JUN	27	04	27	12	27	25	25	31																
JUN	27	22	29	25	29	15																		
JUN	28	04	24	06	24	21	23	31	26	60	27	52												
JUN	28	22	23	06	24	12																		
JUN	29	04	25	12	25	24																		
JUN	30	04	27	14	27	34																		
JUL	01	22	23	15	24	23																		
JUL	02	04	26	24	25	44	24	50																
JUL	02	22	27	11	27	35																		
JUL	03	04	29	22	29	48																		
JUL	04	04	31	16	30	39	28	52																
JUL	05	04	27	19	27	40	27	54	27	47														
JUL	05	10	18	06	18	17	19	11																
JUL	05	16	15	10	15	20	28	03	24	08	24	08	23	10										
JUL	05	22	15	10	14	09																		
JUL	06	04	13	01	14	10																		
JUL	06	10	00	00	08	01																		
JUL	06	16	01	04	36	09																		
JUL	06	22	35	16	36	13																		
JUL	07	22	31	19	32	31	32	36	32	45														
JUL	08	04	33	22	34	37	32	53	32	49	32	53												
JUL	09	04	30	24	31	21	30	30	30	38	31	44	28	49	27	50	28	61	28	87	29	04		
JUL	09	10	34	12	03	21																		
JUL	10	04	29	41	31	45																		
JUL	11	10	25	10	23	08																		
JUL	11	16	25	08	23	12	25	18																

Results of Upper Wind Observations, Macquarie Island, 1955

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	22	29	20	31	40	31	24																
JUL	12	22	31	15	30	32																		
JUL	14	04	31	18	32	39	28	52																
JUL	17	22	28	22	28	28	28	27																
JUL	18	04	32	13	32	26	31	42	31	47	31	49												
JUL	18	22	18	17	19	09																		
JUL	19	04	18	14	19	33	21	42																
JUL	19	10	18	10	19	16	21	30	22	28														
JUL	19	22	00	00	23	03	25	09	20	13	21	22	21	35										
JUL	20	04	31	18	32	26	28	30	27	32	25	26	23	26	23	38	22	49						
JUL	20	16	21	04	21	10	19	33																
JUL	20	22	32	01	27	05																		
JUL	21	04	29	11	29	38	28	39	27	35	26	34	25	47	25	44	26	43	25	40	25	75	24	60
JUL	22	04	26	13	26	30	24	28	23	26														
JUL	22	10	26	07	27	13																		
JUL	22	22	27	10	27	16																		
JUL	23	04	29	20	29	40																		
JUL	24	04	31	20	32	40																		
JUL	25	04	17	04	19	10	19	13																
JUL	25	10	16	04	17	08																		
JUL	25	22	35	03	36	13																		
JUL	26	04	33	17	35	34																		
JUL	27	04	32	20	33	39	31	39																
JUL	29	22	15	06	17	16																		
JUL	31	04	15	03	15	13	06	03	02	10	14	10	17	09										
JUL	31	10	15	04	15	13	15	02	16	12	17	14												
JUL	31	22	27	04	29	12	24	07	24	09	24	05	25	05	21	05								
AUG	01	04	27	20	28	38	26	24																
AUG	01	10	27	06	27	25																		
AUG	01	16	00	00	17	02																		
AUG	02	04	35	05	34	15	35	17	36	16	02	24	02	20	01	08								
AUG	03	04	34	06	04	14																		
AUG	03	22	00	00	11	04	08	03	03	04														
AUG	06	10	34	05	34	13	36	17																
AUG	06	22	00	00	33	03	36	10																
AUG	07	04	00	00	01	04	32	04																
AUG	07	10	32	02	36	03																		
AUG	07	16	31	04	33	08																		
AUG	07	22	35	07	34	11																		
AUG	08	04	35	05	35	14																		
AUG	08	22	36	05	03	10																		
AUG	09	04	36	05	04	24																		
AUG	09	10	07	11	05	18																		
AUG	10	04	35	12	36	27	35	26	36	26														
AUG	10	10	35	14	34	27	34	27																
AUG	10	22	28	23	27	41																		
AUG	11	04	28	19	28	29	26	38																
AUG	14	04	10	10	10	13																		
AUG	14	22	10	11	08	16	05	19																
AUG	15	04	00	00	04	08	05	18																
AUG	15	10	00	00	04	10	05	18																
AUG	15	16	00	00	05	10	04	17																
AUG	15	22	10	08	09	10	08	20																
AUG	16	04	14	06	13	17																		
AUG	16	16	11	17	11	30	12	10																
AUG	16	22	12	19	12	24	11	17	11	16														
AUG	17	04	11	20	12	33																		
AUG	17	22	14	16	15	21																		
AUG	18	04	13	16	15	26	15	19	15	22														
AUG	18	22	18	04	19	12	19	14																
AUG	19	04	18	04	18	12																		
AUG	19	10	22	04	21	07																		
AUG	19	16	27	05	23	09																		
AUG	19	22	26	05	26	14	26	10																
AUG	20	04	29	11	30	14																		
AUG	20	10	33	15	34	14																		
AUG	22	22	09	04	11	07	05	06																
AUG	23	04	09	09	10	19																		
AUG	24	04	15	10	16	15																		
AUG	27	04	21	12	23	24																		
AUG	27	10	22	10	24	12																		
AUG	27	22	26	17	26	26																		
AUG	28	04	28	23	28	29																		
AUG	30	04	32	30	34	25																		
AUG	30	22	20	18	20	22																		
AUG	31	04	20	13	20	24	20	32	20	34	19	40	19	41	20	50	20	63	20	78	19	85	20	60
AUG	31	10	26	12	26	25	21	18	23	29														
AUG	31	16	26	18	25	21	26	29																
AUG	31	22	22	03	25	07																		
SEP	01	04	26	03	30	06	23	11	20	14	22	10	25	15	27	12								
SEP	01	10	34	10	35	18																		
SEP	01	22	34	11	36	17																		
SEP	02	04	35	14	35	34	33	35																
SEP	02	22	36	17	36	27	35	39																
SEP	03	04	35	18	36	48																		

Results of Upper Wind Observations, Macquarie Island, 1955

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
##	04	04	18	09	19	15																		
##	04	22	18	13	20	16																		
##	05	16	18	10	25	02																		
##	05	22	22	05	22	09																		
##	07	04	18	15	20	20																		
##	07	16	22	03	19	11																		
##	07	22	16	06	19	07																		
##	08	04	23	04	24	03	20	13	20	18	21	37	20	25	19	23	19	25	19	31	19	49	20	54
##	08	10	25	08	25	06	27	10	25	14	26	24												
##	09	04	28	19	28	31	28	35	28	37	27	29	27	26										
##	09	10	29	19	29	20																		
##	10	04	32	31	33	48																		
##	11	04	30	24	30	37																		
##	11	22	29	38	29	28	29	60																
##	12	04	26	37	26	62	25	60	25	63	26	70												
##	12	22	30	22	30	29	29	28																
##	13	04	32	16	33	32	31	35	31	31	30	42												
##	14	04	29	28	28	45																		
##	14	10	28	13	28	19	27	27	27	31														
##	14	22	27	13	27	16																		
##	15	04	30	17	30	26	28	31	28	38	28	25	27	35	28	65	28	80	29	94	29	04	29	09
##	16	04	31	33	31	44																		
##	17	04	26	19	26	21	25	44	25	53	25	51	24	50										
##	18	22	28	25	28	44	28	29																
##	19	04	29	20	30	29	28	42																
##	20	04	27	16	27	24																		
##	20	10	29	22	29	27	27	23	28	20														
##	20	22	31	26	31	34	30	43																
##	21	04	32	35	32	49																		
##	22	04	32	26	32	27																		
##	22	22	28	24	28	44																		
##	23	22	28	18	28	25	28	29																
##	24	22	28	23	29	27	28	31	28	32														
##	25	04	26	30	26	48																		
##	25	22	27	23	26	20	25	35	26	33														
##	26	04	27	06	27	12	28	23																
##	26	22	26	28	27	33	27	30																
##	27	04	26	25	26	36	26	45	27	56	26	57	26	80	26	62	27	85	26	73	26	90	26	83
##	27	10	27	03	29	12	27	17	27	28														
##	27	16	35	03	02	05																		
##	27	22	00	00	35	07	35	10																
##	29	22	29	10	28	15	27	22	28	19	29	20	28	35	28	35	29	51						
##	30	04	28	01	30	15	31	15	30	20	29	18	30	19	30	23	30	32						
00	01	04	29	17	29	31	29	31	29	33	29	34	29	43	29	45								
00	01	10	33	15	31	32																		
00	03	04	32	20	32	41	32	42	32	42	32	41	33	50										
00	03	10	30	21	29	24	28	35																
00	04	04	28	31	28	47	27	51	27	65														
00	04	22	30	17	30	26																		
00	05	04	31	26	32	38	30	46																
00	05	10	28	20	27	29	26	37																
00	07	04	29	24	28	35	27	40																
00	07	22	29	14	27	19																		
00	08	04	29	19	29	25	27	33	28	32														
00	08	10	29	22	29	27	29	27																
00	08	16	28	28	28	39																		
00	08	22	29	23	28	26																		
00	09	04	29	21	29	36																		
00	09	10	30	16	29	22																		
00	09	16	29	10	29	17																		
00	11	22	14	32	13	26																		
00	12	04	13	32	13	45	11	48																
00	14	22	36	05	36	20																		
00	15	04	36	04	01	21	02	26	02	29														
00	17	04	29	17	29	26	28	35	28	37														
00	17	10	29	15	30	20																		
00	17	16	30	03	30	12	28	17																
00	17	22	33	04	34	08	32	11	32	15	35	07	05	14	15	08	20	15						
00	18	04	36	11	01	25	01	29	36	30	34	20	30	09	24	12	23	16	22	27	23	41	25	46
00	19	22	32	08	28	13	27	12																
00	22	04	33	13	34	35	34	28	34	53	34	47	34	52										
00	22	22	31	15	31	29	32	31																
00	23	10	32	22	31	28	30	33																
00	23	16	32	23	31	27																		
00	23	22	32	22	31	28	30	32	30	35														
00	25	04	25	16	25	27	26	32																
00	25	10	28	13	28	17	27	15	28	15	28	14	27	13										
00	25	22	31	13	31	11	30	13	28	14														
00	26	04	31	13	32	25	31	28	31	24	26	23	27	26	28	30	28	33	31	42	30	48	27	32
00	26	16	28	23	27	32	27	35																
00	27	10	26	32	25	43																		
00	27	16	28	16	28	25	27	18																
00	29	04	26	05	28	06	28	14																
00	31	04	32	23	32	37	31	37																

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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	01	22	18	17	19	20	22	19																
NOV	02	04	25	05	25	15	23	14	24	28	24	33												
NOV	02	10	24	03	23	14																		
NOV	02	16	26	14	25	09	24	23																
NOV	03	04	26	12	26	10																		
NOV	04	04	27	20	27	35	26	45	25	46	26	54	26	65										
NOV	04	10	28	21	28	32	26	29																
NOV	06	04	29	12	30	13																		
NOV	08	10	33	15	32	30	33	32																
NOV	08	22	31	02	34	16																		
NOV	09	22	30	01	34	14	35	16																
NOV	10	04	02	03	01	10	02	10	02	11	05	12												
NOV	11	04	33	04	33	16	33	16	32	17	31	21												
NOV	11	10	36	04	01	20																		
NOV	12	04	35	14	01	21	35	29	34	35	34	26												
NOV	13	22	30	03	30	06	28	10	31	13	31	09												
NOV	14	22	29	20	30	21	28	27	27	31	28	32	28	35	29	38	31	25						
NOV	15	04	29	18	29	25	27	35	27	42	27	45	27	56	26	76	26	79	27	50	30	45	32	33
NOV	16	10	34	25	34	32	33	35																
NOV	16	16	33	20	34	25	33	30																
NOV	16	22	33	18	34	23	33	26	33	28	32	32	31	34	31	44	31	53						
NOV	17	04	32	18	32	29																		
NOV	17	16	33	06	33	18	33	22																
NOV	17	22	32	06	31	10	32	17	32	16	33	19	33	21										
NOV	18	04	26	12	26	18	26	19	25	15														
NOV	18	22	29	21	30	27	30	27																
NOV	19	04	29	22	29	40	30	36	30	32	30	30	30	29	30	34	30	47	32	43	32	44		
NOV	19	10	30	14	31	28	31	44	32	21														
NOV	19	16	29	16	30	21	30	28	30	38														
NOV	19	22	31	23	30	33																		
NOV	20	04	29	24	29	35	28	35	27	42	27	49	27	49	27	49	28	40	28	47	29	38	29	45
NOV	20	10	29	18	27	30	27	27																
NOV	20	16	27	10	27	22	25	19	27	26														
NOV	20	22	26	10	26	15	27	21																
NOV	21	04	26	12	26	19	24	21	26	24														
NOV	21	10	28	07	29	13																		
NOV	22	04	26	13	26	23																		
NOV	23	22	25	08	24	10	23	19																
NOV	24	22	36	08	01	14																		
NOV	25	04	02	04	05	16																		
NOV	25	22	18	16	22	36																		
NOV	26	04	27	09	27	11																		
NOV	26	10	27	12	23	12	23	26																
NOV	26	22	26	23	26	32	25	26	24	22	24	24	24	42	25	41								
NOV	27	04	31	19	31	28	31	33	29	45														
NOV	28	04	27	18	28	27	26	41	27	48														
NOV	28	10	27	17	27	21																		
NOV	28	16	27	19	27	27	26	27																
NOV	28	22	27	17	27	21	26	32	25	29	25	35	25	36	25	42	25	76						
NOV	29	04	31	08	29	19	27	25	27	31	28	35	28	39										
NOV	29	10	32	10	32	19	31	25	31	23														
NOV	30	10	30	26	29	48																		
NOV	30	22	32	25	32	33	31	43																
DEC	01	22	32	11	31	21	31	23	31	29														
DEC	02	04	30	08	29	17	28	26	29	30	29	35	29	51										
DEC	02	10	29	12	29	24	29	33	30	32														
DEC	02	16	00	00	04	01	35	07	33	11	31	17												
DEC	03	22	11	04	10	11	04	13																
DEC	04	04	35	05	36	11	33	12	32	10														
DEC	04	10	01	02	35	03	33	06	35	05														
DEC	04	22	27	16	25	46	24	26	25	31														
DEC	05	04	30	13	30	21	29	28	30	25	29	34	28	34	26	49	26	46						
DEC	05	10	34	25	34	32	33	28																
DEC	05	22	31	30	30	46																		
DEC	06	04	27	32	27	48	27	57																
DEC	07	04	27	32	26	46																		
DEC	07	10	26	18	25	34	24	30																
DEC	07	16	29	04	31	11	32	15																
DEC	07	22	35	02	01	09	30	12																
DEC	09	22	18	03	23	03																		
DEC	10	04	30	11	31	18																		
DEC	10	22	27	29	26	40	27	47																
DEC	11	04	28	25	27	41	26	51	25	56	26	60												
DEC	11	10	27	26	25	45																		
DEC	12	04	27	31	26	43	24	47	24	43	24	50												
DEC	12	10	27	17	24	16																		
DEC	12	16	27	15	26	14	25	19																
DEC	12	22	27	26	27	32	24	23																
DEC	12	22	30	15	28	14	26	20																
DEC	13	04	29	21	28	42																		
DEC	13	10	31	13	29	24																		
DEC	14	22	27	18	25	20	27	22																
DEC	15	04	29	16	28	26	27	26	27	30	26	35	27	61										
DEC	15	10	27	13	26	15	25	14																
DEC	15	16	30	12	30	15																		
DEC	16	04	36	13	36	32	34	33	34	31	34	30	33	28										
DEC	16	10	01	22	36	27	35	29																

Results of Upper Wind Observations, Macquarie Island, 1955

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
DEC	17	04	31	25	31	39																		
DEC	17	10	32	17	31	23	29	25	29	36	28	29	29	40	29	50	28	52	29	57	30	68	31	58
DEC	17	22	27	24	25	31																		
DEC	18	04	30	21	27	32	26	42	26	44	26	53												
DEC	20	04	34	14	33	33	33	30	32	32	32	30	31	26	30	25	31	32	29	44	29	57	30	68
DEC	20	10	31	11	34	24																		
DEC	22	03	30	17	27	24																		
DEC	22	10	27	15	26	06	26	26																
DEC	23	04	30	17	29	36																		
DEC	24	04	27	22	25	28																		
DEC	24	10	25	15	24	16																		
DEC	24	16	27	23	24	24																		
DEC	24	22	26	23	24	14																		
DEC	25	04	27	24	25	30	22	33	22	38	22	52	22	63										
DEC	25	10	26	18	24	29	20	17																
DEC	25	22	15	22			20	16	19	25	20	33	22	41	22	48								
DEC	26	04	12	17	12	23	15	19																
DEC	26	10	11	14	10	14	09	14			19	22	20	28	20	34	22	41	22	41	21	49	22	41
DEC	26	16	06	05	07	10																		
DEC	26	22	35	12	01	07	35	12																
DEC	27	04	34	18	35	32	33	30																
DEC	27	10	33	17	33	23	33	29	30	20	29	23	28	26										
DEC	27	16	31	21	33	30	30	25																
DEC	27	22	31	22	33	30	31	26																
DEC	28	04	32	18	33	35																		
DEC	28	10	33	17	34	26																		
DEC	30	04	27	24	27	36																		
DEC	30	10	27	12	25	12																		
DEC	30	16	00	00	21	05	22	10					30	28										
DEC	30	22	13	09	13	09	17	08	22	06	28	11	31	19	30	43								
DEC	31	04	12	18	12	21	09	12	07	03	34	05	31	21	31	23	30	42	30	52	30	68	30	85
DEC	31	10	13	26	12	27	08	31																

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
NOV	16	04	19	38	23	27	29	45	21	17		
NOV	26	04	30	40	31	30	29	34	30	23	29	45
JAN	04	04	29	45	29	38	28	40	28	45	29	46
JAN	25	04	27	46	27	52	26	49	27	57		
FEB	21	04	24	68	25	67						
MAR	08	04	22	50	24	43	26	53	26	70	24	25
APR	18	04	29	37	32	40	31	59	30	60		
APR	26	04	27	30	27	45	26	25	26	35		
MAY	15	04	33	28	32	57	35	20	33	30	33	24
MAY	20	04	30	62	31	51	31	54				
JUN	17	10	31	48	31	40	31	26	31	30		
JUN	20	04	29	57								
JUL	26	10	22	41	22	37	20	38	21	33		
JUL	31	04	29	60	29	44	31	23				

Results of Upper Wind Observations,
Mawson 1955

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	03	11	20	11	22	10	31	10	30	10	28	10	37	10	48	10	54	10	57	10	54	09	48
JAN	02	03	12	16	11	17	09	18	11	26	11	31	11	29	09	22	10	29	10	23	10	30	09	23
JAN	02	17	09	02	07	09	10	13	11	25	13	21	11	25	11	27	11	26						
JAN	03	02	13	17	11	12	09	09	11	13	14	08	13	15	14	23	13	31	13	32	14	30	13	30
JAN	03	17	13	08	11	13	09	07	10	09	10	09												
JAN	04	17	11	05	08	10	11	18	12	25														
JAN	05	03	12	19	11	23	08	15	10	09	13	18												
JAN	05	17	00	00	06	03	10	16	11	20	12	20												
JAN	06	03	10	10	12	22	10	21	11	26														
JAN	06	17	11	18	12	29	09	27	10	18														
JAN	07	03	13	20	12	27	10	19	09	12														
JAN	07	17	12	13	11	18	09	11	11	08	15	12												
JAN	08	02	13	17	11	19	09	11	13	11	11	12	14	05	12	09	14	10	15	14	14	17	14	15
JAN	08	11	22	01	25	05	09	11	11	15	12	15	15	07	12	04	14	09	17	12				
JAN	09	02	13	19	13	14	08	04	13	12	13	10	11	10	14	04	19	04	19	18	19	21	18	09
JAN	09	17	00	00	20	01	11	10	11	14	10	07	12	07	18	02	18	10	21	22	25	08	26	06
JAN	10	02	13	14	13	21	09	09	14	06	13	08	13	04	18	06	20	10	23	13	26	09	27	10
JAN	10	11	09	02	05	05	13	03	13	10	10	06	21	05	20	04	24	08	21	29	24	19	27	10
JAN	11	03	13	14	10	06	17	04	28	04	29	03	29	06	22	18								
JAN	11	11	23	01	27	04	25	04	27	07	27	10	29	06	25	12	23	18	22	21	24	24	27	18
JAN	12	02	00	00	08	02	12	02	33	05	33	08	30	10	31	09	33	18	34	26	34	27	29	15
JAN	12	17	08	06	06	04	08	10	09	06	02	04	30	07	29	13	28	12	24	16				
JAN	13	03	13	12	12	19	10	19	10	10	16	06	25	09	21	16	21	24						
JAN	13	11	09	05	11	10	12	05	20	06	25	11	25	07	22	14	21	22	23	26	25	32	25	27
JAN	14	03	13	18	10	14	08	07	15	08	27	07	29	08	32	10								
JAN	15	17	11	17	11	26	10	27	09	24														
JAN	16	17	10	15	10	22	09	22	10	12														
JAN	17	03	13	16	11	19	09	18	11	14	14	18	10	05	05	15	08	20	07	31	07	38	06	18
JAN	17	17	10	18	10	28	09	29																
JAN	18	17	11	20	12	28	10	29	10	25														
JAN	19	02	15	30	15	41	08	05	10	07	15	06	18	11	21	09	23	11						
JAN	19	11	12	13	13	25	11	20	09	08	19	14	19	14	23	13	24	17	26	20	28	39	26	24
JAN	20	02	12	18	11	26	08	19	12	19	10	17	12	13	18	07	20	03	28	09	31	20	30	28
JAN	20	11	08	09	09	18	09	18	11	17	12	16	10	17	13	06	23	03	27	04	32	17	32	20
JAN	21	02	14	12	13	25	08	16	16	09	19	08	19	08	18	08	22	03	31	05	34	15	33	34
JAN	21	17	13	05	10	07	11	12	14	11	15	07	18	05	23	03	31	09	32	16	33	26	31	33
JAN	22	02	14	15	12	19	06	04	17	08	23	03	22	03	31	07	34	18	34	23	34	34	33	33
JAN	22	11	04	05	07	09	10	12	11	11	04	04	34	07	33	13	30	24	28	42	29	50	29	37
JAN	23	17	14	33	13	33	11	34																
JAN	24	11	13	06	13	07	06	03	14	02														
JAN	25	11	23	01	25	05	13	07	15	08	24	03	14	04	25	05	33	02	01	10	27	07	25	12
JAN	26	03	12	13	07	14	07	18	11	08														
JAN	27	17	12	21	13	27	11	10	12	08	17	15												
JAN	28	04	13	17	14	25	09	05	17	05	15	13	09	03	16	12	12	25	09	23	08	11	02	05
JAN	28	17	12	07	09	15	10	16	11	11	14	12												
JAN	29	17	00	00	12	02	08	06	11	06														
JAN	30	02	13	12	11	07	16	02	32	02														
JAN	30	17	13	13	13	11	10	04	21	04														
JAN	31	03	13	24	12	27	21	03	13	06	14	07	14	03	07	04	03	03	31	04	27	10	27	20
JAN	31	12	09	10	10	12	08	09	11	07	11	10	10	04	06	03	33	04	27	10	24	25	26	21
FEB	01	02	13	14	10	17	08	06	14	05														
FEB	01	11	05	04	05	06	10	07	15	08	18	05												
FEB	02	02	14	17	11	06	04	03																
FEB	02	11	10	14	09	17	08	16	09	15	07	11												
FEB	04	17	13	15	12	21	10	02	19	08	18	07	18	05	14	05	17	05	15	07	18	08	21	09
FEB	05	03	13	21	12	24	10	05	17	08	15	04	24	02										
FEB	05	17	07	08	08	09	12	14	13	05														
FEB	06	02	14	20	13	17	19	02	24	03	12	08	20	13	22	14	21	17	21	26	20	49	21	33
FEB	06	17	13	13	11	17	11	20	12	27	20	09	19	14	21	25	21	50	21	64	21	62	22	39
FEB	07	02	14	18	12	20	11	10	17	11	19	10	21	17	22	24	24	26	23	33	24	30	24	32
FEB	07	11	08	12	09	14	12	18	14	16	13	07			24	07	26	05	30	05	32	12	27	15
FEB	08	02	14	21	11	15	09	17	11	07	16	02	25	06	32	01	10	07	04	14	32	11	28	15
FEB	08	11	07	07	08	08	12	15	12	14	20	05	24	12	27	07	31	09	30	15	29	16	27	18
FEB	09	02	14	18	12	06	27	03	26	05	27	12	28	17	27	21	27	34	27	39	27	40	28	31
FEB	09	11	08	10	09	09	10	06	33	05														
FEB	11	03	05	04	08	12	10	22																
FEB	11	11	07	10	07	12	09	18	12	12														
FEB	12	02	12	17	12	19	09	14	14	12	16	04	13	04	11	04	07	10	33	08	31	08	30	13
FEB	12	14	00	00	06	03	15	12	12	17	17	11	22	06	17	06	15	09	22	06	24	11	25	13
FEB	13	02	13	20	12	28	10	08	15	09	13	06	25	05	24	11	23	11	22	20	23	25	24	28
FEB	13	14	12	07	11	13	10	16	12	14	15	14	23	14	21	15	23	18	23	28	23	37	25	30
FEB	14	02	15	18	17	07	14	04	15	07	20	08	22	19	24	20	24	27	24	43	24	52	25	40
FEB	14	11	27	04	26	03	21	02	18	09	21	12	23	17	25	29	24	37	25	51	25	30		
FEB	15	02	14	26	13	11	15	02	19	11	23	16	24	24										
FEB	15	11	12	10	13	16	14	12	21	05	21	30	23	33	24	35	24	48	24	61	24	56	25	38
FEB	16	02	16	32	15	21	19	11	22	18														
FEB	16	11	12	08	13	12	11	04	21	08	23	19	23	29	25	32	25	42	25	58	25	57	25	41
FEB	17	02	15	17	11	06	17	02	19	10	23	18	25	24	25	26	24	30	25	36	25	40	26	30
FEB	17	11	07	04	09	05	15	05	22	07	27	15	27	27	27	31	27	26	27	24	27	38	27	33
FEB	18	02	15	22	15	21	24	07																
FEB	18	11	09	03	11	08	15	05	19	13	24	19	24	28	25	37	24	43	23	59	24	55	25	36
FEB	19	02	15	31	15	38	12	17	11	13	16	27	20	35	22	58	23	67	24	67	24	66	23	62
FEB	19	11	14	10	14	14	19	12	21	06	24	18	22	37	23	50	24	72	24	77	24	90	24	55
FEB	20	02	13	34	11	43	11	26	17	08	20	13	18	17	23	20	24	28	24	37	25	29	26	23
FEB	20	14	00	00	21	04	10	07	12	29	12	30	14	32	19	21	22	26	23	32	23	34	24	22

Results of Upper Wind Observations, Mawson 1955

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
FEB	21	02	14	24	15	23	15	10	16	14	19	12	19	17	20	19	21	19	21	27	21	26	23	17
FEB	21	11	00	00	03	01	13	08	19	11	21	16	22	11	21	18	22	23	21	27	22	24	24	20
FEB	22	02	14	20	12	15	07	04	15	06	23	10	21	15	22	23	24	24	23	30	23	37	23	28
FEB	22	11	11	07	13	14	09	07	14	07	20	11	20	15	23	17	25	26	25	32	26	32	25	30
FEB	23	02	14	22	15	13	20	01	17	08	20	17	20	19	21	23	24	29	25	39	25	40	25	40
FEB	23	11	05	02	07	05	15	04	18	06	22	08	24	08	27	08	26	25	25	67	25	67	25	52
FEB	24	02	14	18	12	12	08	08	16	03	20	03	30	04	26	21	27	35	26	42	26	45	26	43
FEB	24	11	12	18	11	24	09	06																
FEB	25	02	13	35	11	26	09	07	14	08														
FEB	25	14	12	20	13	18	10	05	12	06	14	04												
FEB	26	02	14	24	13	18	09	09	11	08	20	06	19	06	20	14	22	20	23	20	25	24	26	28
FEB	26	11	12	10	12	09	08	01	19	06	21	09	17	18	19	14	21	17	24	26	25	31	26	34
FEB	27	02	14	24	16	07	17	08	23	06	24	11	25	16	28	20	26	22	26	28	26	35	26	45
FEB	27	12	00	00	35	01	14	08	23	07	24	14	26	13	27	22	26	33	26	52	26	61	27	57
FEB	28	02	14	39	14	33	12	03	17	08	18	11	19	35	23	33	24	47	25	55	25	80	26	65
FEB	28	11	25	08	24	04	17	06	17	18	19	22	22	30	23	40	25	50	26	61	27	80	26	49
MAR	01	02	13	20	11	17	09	04	14	04														
MAR	01	11	05	10	07	08	12	10	17	12	21	06	24	18	26	28	27	40	27	50	27	65	27	34
MAR	02	05	12	18			33	04	31	04	22	12	25	20	26	34	27	41						
MAR	02	11	03	06	05	03	17	02	16	05	22	08	25	24	27	35	28	43	28	50				
MAR	03	05	14	23	13	11	06	03	19	06	23	07	26	18	25	25	25	25	26	21	23	21	25	18
MAR	03	11	12	26	13	38	12	10																
MAR	04	05	14	24	12	22	08	16	17	10	21	19	25	25	25	46	25	60	25	66	26	40	26	42
MAR	04	11	12	12	12	17	12	10																
MAR	05	05	12	28	10	18	11	21	29	14														
MAR	05	11	13	28	12	23	11	04	05	04														
MAR	06	11	12	26	12	25	07	12																
MAR	08	06	13	12	14	07	11	11	14	14														
MAR	08	11	13	14	14	17	11	11	12	07														
MAR	09	05	13	11			07	04	10	09	21	11												
MAR	09	08	12	13	12	10	10	10	13	09	26	05	26	12										
MAR	09	11	12	13	08	10	09	08	09	12	08	21												
MAR	10	13	00	00	14	01	09	03	15	12	19	15	20	25	23	42								
MAR	11	07	12	18	10	16	09	18	11	30	13	15	09	06	30	03								
MAR	11	11	09	08	07	14	10	25	12	32	09	19	08	12										
MAR	12	06	12	22	13	37	11	28	10	37	12	26	10	25	09	26								
MAR	12	11	13	23	13	45	11	40																
MAR	13	05	12	26	12	33	12	29	11	23	12	21	16	49	16	39	17	43	17	47				
MAR	14	06	13	30	13	45	10	14	28	03	17	19	13	30	13	25	14	23	15	08	13	18	16	23
MAR	14	11	11	18	13	30	12	26																
MAR	15	05	13	16	10	13	03	02	08	04	10	11	18	16	18	23	19	32	18	46	19	50	22	23
MAR	15	11	12	06	11	04	05	01	04	04	14	04	22	08	20	19	22	23	21	30	22	32	23	14
MAR	16	05	13	18	11	08	18	04	20	03														
MAR	16	11	12	10	10	07	17	03	23	15	14	18	23	24	23	32								
MAR	17	05	12	20	09	11	15	04	26	14	26	18	27	23	27	32	26	37	26	53	30	82	25	78
MAR	17	11	09	15	13	08	10	05	26	12	26	12	27	20										
MAR	18	05	09	20	08	22	11	28	11	24														
MAR	18	11	10	12	09	16	10	34																
MAR	19	12	10	12	11	33	09	21																
MAR	20	05	13	25			06	07	19	08	15	18	11	21	11	23	12	34	11	35	14	40	24	12
MAR	20	11	00	00	04	04	10	13	13	19														
MAR	21	05	13	23	12	22	07	10	12	15	15	23	17	17	19	15	19	26	20	35	22	20	21	30
MAR	21	11	12	11	09	08	12	12																
MAR	22	05	15	28	13	28	11	07	18	16	18	28	20	24	21	38	22	64						
MAR	22	11	18	13	15	10	16	07	14	08	20	28	20	68										
MAR	23	05	16	12	09	08	15	08	16	12	23	09	27	30	25	32	27	19	31	11	27	35	27	46
MAR	23	11	05	06	08	19	10	19	12	18														
MAR	24	05	18	04	26	06	25	03	14	16	16	15	22	08	21	17	26	13	24	09	20	08	26	22
MAR	24	11	26	04	33	02	19	07	27	03	25	13	23	20	27	21	28	20	30	31	28	21		
MAR	25	05	14	22	10	21	11	10	17	11	22	11	24	22	24	17	25	22	25	26	25	18	27	25
MAR	25	11	08	16	09	18	14	16	18	09	18	14												
MAR	26	05	11	08	09	05	14	05	20	05	25	17	24	18	25	21	25	27	25	25	26	33	26	43
MAR	26	11	05	03	09	04	11	03	20	04	23	17	25	24										
MAR	27	05	12	02	14	07	13	09	21	09	27	11	24	18										
MAR	27	11	10	16	06	08	11	07	15	04	25	13	27	17	25	22	26	18						
MAR	28	10	11	10	13	06	30	03																
MAR	29	06	33	16	32	03	13	10																
MAR	29	11	10	42	12	31	09	26																
MAR	30	05	12	18	12	03	36	05	12	09	23	14	26	16	26	19	28	24	30	37	30	39	29	34
MAR	30	11	13	20	36	03	02	05	19	06	25	20	27	34	27	29	27	33	29	29				
MAR	31	06	13	29	14	18	14	08	25	12	25	26	25	38	25	40	25	46	26	43	27	54		
MAR	31	11	14	17	14	03	17	02	20	18	26	40												
APR	01	05	10	16	16	09	20	40	22	19														
APR	01	11	00	00	35	04	32	06	23	08	24	26	22	47	23	52	27	75	24	90	23	22		
APR	02	05	00	00	17	07	19	08	13	11	16	13	21	15	23	31	23	49	24	62	24	82		
APR	02	11	17	04	13	06	19	04	23	02	17	11	23	11	23	23								
APR	03	06	05	17	07	27	13	25																
APR	04	05	11	22	13	25	11	18	11	34														
APR	04	11	05	08	09	06	10	25	12	15	13	31												
APR	05	05	00	00	10	02	23	05	12	08	20	13	18	11	20	14	19	27	19	20	18	17	22	17
APR	05	11	13	16	11	05	15	07	23	05	18	17	21	16	21	18	20	18	20	14				
APR	06	05	13	17	14	21	11	11	13	15	18	09	20	18	24	25	24	45	24	50	24	53	23	42
APR	06	11	11	14	13	21	13	16	12	18	12	18												
APR	07	05	11	25	14	32	11	19	17	10	17	19	16	38	17	32	18	34	19	40	20	42	20	39
APR	07	11	27	05	28	07	15	10	13	25	15	35												

Results of Upper Wind Observations,
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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
AR	08	05	08	16	11	18	18	14	13	25	14	20	19	37	20	45	21	57	21	53				
AR	08	12	09	05	23	09	14	15	15	30	16	25												
AR	09	05	15	09					16	07	17	22												
AR	09	11	13	07	23	04	14	15	15	15	15	12	20	30	24	17								
AR	10	05	12	07	08	03	14	05	09	03	26	16	25	15	25	23	25	20	25	28	26	28	27	39
AR	11	05	18	14	20	08	16	14	15	08	25	14	24	25	24	29	25	32	24	42	26	40	25	47
AR	12	05	09	10			15	24	15	15	14	29	22	29	24	44	24	81	24	90	24	70		
AR	12	11	15	04	15	02	25	07	16	12	20	16	22	45	25	47								
AR	13	05	14	06	15	03	13	13	15	15	22	20	24	23	23	44								
AR	13	11	22	05	20	02	15	12	13	09	17	09	24	22										
AR	17	05	11	33	11	20	03	08																
AR	17	11	11	23	04	04	30	01																
AR	18	05	14	23	09	05	16	03	28	05	27	22	27	31										
AR	18	11	11	25	12	07	09	02																
AR	19	05	12	30	14	53	07	04																
AR	20	05	20	04	26	05	16	04	16	11	17	22	21	31										
AR	20	11	00	00	20	01	21	01	25	10	22	16	22	22	25	34	25	43	25	40	26	42	26	41
AR	21	05	07	05			18	07	22	08	22	20												
AR	21	11	00	00			18	08	19	04	26	27	24	41										
AR	23	06	15	08	15	03	09	10	14	18														
AR	23	11	18	03			11	09			18	04	22	03	19	08	16	25	16	32	17	28		
AR	24	05	13	24	11	17	10	17																
AR	24	11	11	11	10	11																		
AR	26	05	13	23	13	21	10	08	07	11														
AR	26	11	12	22	12	27	09	17	36	06														
AR	27	06	13	20	11	17	36	01																
AR	27	11	13	16	13	12	01	03	24	06	19	10	19	18	22	22	21	30	21	38	21	36	23	32
AR	28	05	12	25	12	19																		
AR	30	05	12	33	12	30	10	07																
MY	01	05	11	22	09	06	07	06	07	06	06	15												
MY	04	06	12	26	11	27	11	19	11	17														
MY	05	10	13	26	12	09	34	07																
MY	09	06	14	31	13	30	10	23	11	09	15	14	12	14	14	15	14	14	15	27	21	02	29	10
MY	10	05	13	23	11	15	10	09	15	15	22	05	20	12	22	09	21	10	21	10	22	14	23	20
MY	11	06	15	28	13	24																		
MY	12	05	16	26	13	13	06	06	14	11	15	03	24	06	24	09	27	12	27	23	28	14	21	31
MY	12	10	12	26	06	09	08	10	09	09	06	05	29	04	30	09								
MY	13	09	12	21	08	19	09	25																
MY	14	09	13	38	12	40																		
MY	15	05	15	31	14	27	15	10	13	04														
MY	15	10	15	32	11	11	15	06	23	40														
MY	16	06	12	26	07	14	06	12	03	04	36	12												
MY	16	10	12	30	09	25																		
MY	17	06	13	22	10	11	20	01																
MY	17	10	13	26	11	15	11	09																
MY	18	07	16	26	14	19	09	11	14	10	15	05	18	14	21	21	22	29	22	53	23	61	24	35
MY	18	10	15	26	12	16	12	06	02	03														
MY	19	07	15	18	14	22	07	09	12	12	14	22	15	19	16	19	18	37	19	57	21	45	23	24
MY	20	07	17	15	11	11	16	13	13	19	16	15	16	15	21	11	19	25	20	24	22	22	25	11
MY	21	07	14	20	12	26	09	11	12	08	04	06	05	02	02	06	07	03	13	16	22	35	23	35
MY	22	07	14	19	11	17	08	06	14	07	25	02	28	07										
MY	23	07	00	00			11	03	17	07	25	13	24	18	25	22	30	12	33	13	35	22	34	34
MY	24	07	14	20	11	09	16	05	25	18	25	21	26	33	26	33	26	28	27	23	27	32	29	37
MY	25	09	16	17	20	05	11	11	35	14	26	14	35	20										
MY	27	07	16	35	13	20	09	10																
MY	27	12	18	20	18	14	14	12	12	12	15	21	19	22	22	33								
MY	28	07	12	40	10	31	09	15																
MY	31	07	15	20	11	13	09	20	10	12														
JN	01	09	20	20	17	11	16	07	09	07	25	07	23	12	19	23	18	35	18	52	18	56	18	41
JN	02	07	13	25	10	17	08	15	12	17	15	17	18	17										
JN	02	13	14	22	12	15	08	11	14	18	12	08	20	12										
JN	03	07	13	17	11	24	09	22	11	28														
JN	04	05	24	04			08	06	09	12	14	06	13	08	20	05	23	16	25	24	25	24	25	26
JN	04	13	13	24			09	08	11	10	14	04	16	03	18	03								
JN	06	07	13	22	13	23	10	10	14	11	13	14	17	12	18	07	22	32	23	65	23	70	23	62
JN	06	13	15	25	12	41	09	21																
JN	07	05	16	08	14	03	10	07	15	13	12	03	36	10	24	07	21	33	21	46	22	54		
JN	07	13	14	20	12	16	09	10	21	05	26	07	22	06										
JN	08	05	13	22	09	11	13	10	11	14	16	06	15	07	23	09	23	14	26	20	26	39	26	34
JN	09	08	34	08	36	02	12	18	11	09	27	07	26	12	26	18	24	22	25	25	27	22	28	36
JN	11	07	00	00	29	08	23	05	16	31	15	19	21	21	21	55								
JN	12	05	16	22			14	21	12	30	13	24												
JN	12	07	13	22	12	15	10	20	13	19	13	15	18	09	26	17	24	26						
JN	13	05	14	31					13	12	06	10	11	11	15	03	28	10	27	14	21	15	11	05
JN	14	09	13	26	11	16	12	09	05	05														
JN	15	16	14	25	14	17	16	04	22	05	04	03	10	07	05	12	05	26						
JN	16	05	13	15	10	24	18	05	27	12	26	11	32	06	32	07	33	18	29	21	27	38	27	27
JN	16	13	15	17									27	09										
JN	18	05	04	14	11	27	14	12	17	25	06	11												
JN	19	05	15	30	12	44	09	45	09	36	13	27												
JN	21	11	14	25	12	08	12	05	21	11	25	16	27	24										
JN	22	05	12	22	09	12	08	07	08	06	30	14	31	12	31	18	31	18						

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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
IN	23	05	13	29	13	31	10	04	11	09	15	18	18	03	16	08	18	13						
IN	25	05	14	17					16	17	16	31	16	25	15	23	16	21	17	26	18	22		
IN	26	05	14	17	12	23	11	14	11	16	16	20	17	14	16	18	15	15	19	14	20	16		
IN	27	05	14	30	15	25	11	16	13	17	14	12	16	15	18	10	18	15	22	16	22	20	24	14
IN	27	13	13	31			09	20	12	12	17	11												
IN	28	09	15	26	13	31	10	12	05	08														
IN	28	14	15	30	14	26	13	17	14	10	15	17	14	10	14	12	17	12						
IN	29	05	15	26	11	20	10	16	14	11	15	19												
IN	30	09	15	30	13	23	06	10																
JL	01	07	11	24	12	20	10	29																
JL	02	07	12	24	14	38	11	27	10	09														
JL	03	05	00	00	10	06	14	13	13	19	12	60												
JL	03	09	13	18	12	13	10	14	13	15	12	23	14	11	17	22	24	27	20	23	26	20	25	26
JL	04	05	11	28	10	50	09	37	09	30														
JL	07	09	12	37	11	44	08	30	10	18	12	20	13	16	10	17								
JL	10	05	12	35	14	50																		
JL	13	05	16	25	14	40	07	21	08	25	09	20												
JL	14	05	16	28	16	07	22	06	16	15	18	10	16	11	11	09	07	17	07	23	16	11	17	14
JL	15	08	13	29	12	18																		
JL	16	07	13	22	12	12	16	03	15	09	23	06	23	09	25	10	26	09	27	11	26	12	25	24
JL	18	09	15	22	12	19	10	11	14	11	11	12	12	17										
JL	19	05	13	27							30	06	27	06	24	13	24	24	24	39				
JL	19	13	13	29	11	19	09	10	14	08	10	02	18	04										
JL	20	05	00	00	18	01	21	07	12	21	13	20	17	39	19	22	22	15	24	33	23	39	22	50
JL	22	05	08	03	04	60	10	10	12	16	15	22	19	21	23	45	23	57	24	60	26	54	26	68
JL	23	05	09	09			11	19	15	15	21	25	24	22										
JL	23	12	15	20	29	03	26	06	19	10	23	14	24	26	25	31	25	30						
JL	24	06	13	37	09	25	08	20																
JL	25	05	08	19	10	18	12	23	12	25														
JL	25	13	22	04	13	07	11	08	13	16	13	16	10	10										
JL	26	05	17	12	17	09	09	02	07	02	14	08	24	07	22	05	15	06	32	03	26	08	30	24
JL	26	13	14	11	11	04	10	06	27	02	23	07	26	07	26	05	16	06						
JL	27	05	13	32	13	44	11	26	09	12	12	03	28	04	35	03	35	08	30	12	26	17	23	28
JL	28	07	17	30	14	12	11	05	18	16	27	07	20	15	23	23	23	43	23	67	23	75	26	45
JL	28	13	16	21			19	02	26	08	24	07	27	14	25	35	25	56						
AG	01	07	12	24	13	19	07	10	19	10	20	03	15	08	02	03	06	12	06	14	06	06	29	05
AG	01	12	15	21	12	14	09	04	21	14	25	13	24	13	31	02	01	04						
AG	02	04	12	32	12	30	10	17	09	09	33	09	32	10	30	25	30	20						
AG	03	05	13	09	11	12	20	12	22	16														
AG	03	07	00	00			12	11	22	15	22	12												
AG	04	13	14	20	12	17	10	17	16	16	18	15	21	31	23	51								
AG	05	06	14	28	14	32	12	32	10	20														
AG	05	13	34	08	24	07	01	08	13	13														
AG	06	05	12	31	12	35	07	14																
AG	06	07	11	26	12	28	06	14	16	05	31	03	02	09	05	17	06	29	05	28	05	23	35	16
AG	07	13	12	28	11	27	08	10	14	08	07	09	09	06	07	06	07	07	05	08				
AG	08	05	12	13					09	23	11	19	11	08	05	20	07	23	07	28	09	21	08	09
AG	10	05	14	24	13	28	08	20	10	31	12	21	14	37	10	39	09	44	09	50	11	42	14	25
AG	10	10	14	24	15	24	12	29	09	20	14	21	15	48	13	12	12	25	12	47	13	37		
AG	11	05	18	10			15	20	12	22	12	29	16	25	16	35	16	33						
AG	11	11	25	09	26	06	20	23	12	36	13	33												
AG	12	05	15	14	16	20	12	15	12	23	14	21	14	41	14	17	16	17	16	39	16	53	21	39
AG	12	11	18	17	26	09	20	34	17	30	08	27	04	37	14	35								
AG	13	05	00	00	04	01	29	06	10	09	15	15	14	32	17	37	17	50	17	58	16	47	19	10
AG	14	05	00	00	09	05	13	26	15	49	14	38	16	38	20	47	20	38	22	44	21	44	23	50
AG	14	11	24	04	16	06	14	27	13	31	14	23	15	48	19	48	19	60	20	48				
AG	15	05	31	04	13	09	12	19	11	21	17	17	20	28	21	40	21	34	23	47	22	46	24	54
AG	15	10	12	25	11	17	08	12	14	16	15	12	20	10	22	23	22	34	23	42	22	53	24	25
AG	16	05	12	30					11	25	14	24	11	21	11	12	18	13	23	36	23	31	24	19
AG	16	10	09	17	10	20	12	18	17	18	14	17	15	09	13	09	19	08	22	21	23	23	24	24
AG	17	05	18	05	10	09	12	33																
AG	18	05	14	24	13	15	06	03	29	01	18	09	19	10	11	27	11	32	12	17	21	12	24	17
AG	18	10	12	25	12	16	06	15	16	09	26	13	26	05	14	21	14	19	14	10	21	11	25	26
AG	19	05	12	25	11	20	11	11	09	12	09	12	03	21	11	08	21	23	24	35	25	56	24	50
AG	19	11	12	22	10	14	10	15	11	16	08	14	06	07	30	06								
AG	20	05	14	31	12	27	09	16	17	11	17	02	12	03	10	06	04	03	36	09	34	12	32	25
AG	20	11	13	26	11	16	06	02	13	06	14	12	11	09										
AG	21	05	12	20	11	22	11	20	10	20	10	17	06	22	06	25	05	35	05	41	04	39	36	26
AG	23	05	12	38	12	46	10	34	08	31														
AG	23	11	15	30	15	33	11	16	14	12														
AG	24	05	14	16	13	17	11	12	13	15	15	20	09	02	20	11	17	06	19	15	23	13	23	20
AG	24	10	12	17	11	12	11	08	15	13	19	01	19	07	27	08	24	04	22	12	22	12	23	20
AG	25	05	16	20			21	13	25	08	26	08	26	10	26	16	24	19	24	29	24	36	24	36
AG	25	10	08	04	07	01	14	03	25	09	25	10	27	11	24	13	23	17	24	21	25	26	25	30
AG	26	05	13	31	12	12	10	15	12	16	10	09	24	03	27	06	28	07	28	18	28	17	27	16
AG	26	11	13	26	11	21	08	18	12	15	08	10	22	02	31	03	31	10	29	09	29	17	28	24
AG	27	05	13	22	11	07	11	03	10	02														
AG	27	10	13	11	12	10	16	07	20	05														
AG	28	05	15	10	08	06	14	06	21	05	27	17	26	32	27	32	28	39	28	45	27	41	27	47
AG	28	10	15	15	13	05	14	05	27	10	28	19	27	27	28	31	27	37	28	46	28	48		
AG	29	05	15	29	11	17	11	10	20	10	22	16	24	25	25	32	25	37	24	44	24	60	24	58
AG	29	10	20	11	22	10	10	10	15	12	24	11	24	21	24	32	24	37						
AG	30	06	25	08	15	05	11	12	15	05	27	12	29	15										
AG	30	10	12	23	10	18	28	11	14	08	27	09	30	17	25	26	24	39	24	53	24	57	24	51
AG	31	05	13	10	12	28	09	36	11	28	10	15	11	21										
AG	31	11	11	20	13	26	10	19	12	30														

Results of Upper Wind Observations, Mawson 1955

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
	01	05	12	25	11	28	08	18	09	14														
	01	10	12	23	10	18	09	09	10	07														
	02	05	14	22	11	25	07	14	15	15	11	07	18	09	24	06	13	17	20	14	18	15	23	15
	02	10	12	27	11	20	09	04	15	12	17	07	28	03	18	09	22	10	21	13	20	14	26	18
	03	05	13	22	11	11	09	07	12	12	08	02	28	07	24	15	24	17	27	10	25	25	26	27
	03	11	12	29	10	19	08	10	13	07	28	03	22	07	23	16	23	18	25	23	25	26	25	28
	04	05	11	22	11	23	09	17	14	19	09	04	16	06	23	06	27	14	25	34	26	25	27	28
	04	11	12	22	10	14	09	11	12	15	11	03	14	05	21	07	24	15	26	20	27	23	31	19
	05	05	12	29	10	37	06	11	10	08	29	06	05	03	31	14	29	25	28	25	30	20	29	24
	05	10	13	20	13	25	13	14	13	10	13	01	26	06	27	12	28	20	28	28	29	24	30	18
	06	05	22	10	12	08	12	10	14	15	20	07	23	12	22	13	27	12	28	12	30	13	31	13
	06	10	13	08	16	06	10	05	15	10	19	10	24	09	25	13	30	05	30	06	32	09	30	14
	07	05	20	09	12	06	12	13	08	04	28	04	22	05	25	08	27	12	25	19	30	17	30	18
	07	11	26	05			11	11	11	06	29	08			24	47	26	18						
	08	05	12	26	12	22	12	13	24	06														
	08	10	12	12	11	12	08	10	15	15	25	15	25	17	23	09	21	09	25	11	27	17	27	19
	09	05	12	22	11	18	15	11	15	07	27	07	28	24	26	28	27	30	26	44	26	36	28	33
	09	10	12	25	11	32	08	14	12	05	21	17	27	25	27	33	27	44	27	50	27	53		
	12	05	12	20	14	26	09	21																
	12	11	13	22	11	17	08	03	16	04	21	17	24	07	17	07	09	11	11	14	08	17		
	13	05	16	14	19	05	29	08	28	27	27	24	27	27	27	27	26	40	27	47	27	47	27	47
	13	11	17	05	20	03	26	16	26	36	26	43	26	50	27	54								
	16	05	12	04	05	02	23	01	22	07	25	19	26	34	25	40	25	41	24	64	25	76		
	16	11	16	04	00	00	10	08	05	03	28	20	27	22	28	30	27	38						
	17	05	25	02	28	11	27	24	28	44	27	51	28	63	28	68	28	80	27	80	27	92	28	89
	17	10	28	05	28	02	25	15	26	32	26	47	26	58	26	77	27	90						
	18	05	15	25	16	23	21	13	20	19	25	29	23	26	24	47	25	44	24	55	24	66	25	62
	18	10	00	00	32	01	26	06	24	21	22	25	26	42	25	65	25	81						
	19	05	00	00	15	01	02	03	27	07	26	28	26	33	26	74	26	10	25	40				
	19	11	24	02	06	07	07	07	31	10	29	28												
	23	05	13	20	13	29	09	11	17	10	21	20	28	13	34	14	25	20	30	11	32	19	31	25
	23	11	13	22	11	19	07	10	20	05	22	06	25	12	25	14	25	16	26	16	31	17	30	23
	24	05	13	13	11	20	09	21	25	08														
	24	11	12	11	10	14	09	13																
	25	05	13	17	12	13	14	03	19	08	21	13	21	18	26	07	33	02	35	12	30	13	28	36
	25	10	26	04	24	04	11	11	20	13	24	13	25	18	24	24	26	14	26	09	25	27	26	39
	26	05	12	25	10	44	08	12	09	07	35	09	34	18	08	19								
	27	11	24	05	06	03	10	10	13	04	33	02												
	28	05	14	17	12	20	15	02	18	07														
	28	10	13	13	10	08	10	07	16	11	24	05	24	20										
	29	05	11	21	11	14	09	07	11	18	13	07	27	12	27	01	28	04	32	05	31	15	29	23
	29	10	11	12	11	14	08	14	14	14	13	09	25	11	27	09	27	01	32	06	20	04	28	13
	30	05	12	29	11	36	02	03	26	04	27	13	17	11	21	13	21	21	21	28	24	22	23	31
	30	10	12	24	11	15	14	17																
	01	04	13	21			05	03	14	06	21	04	19	08	23	26	24	31	26	35				
	01	10	12	22	14	11	31	02	28	04	23	07	22	10	23	19	22	19						
	02	05	00	00	05	03	13	06	20	03	20	08	22	11	22	18	25	21	29	30	29	36	29	29
	02	10	00	00			12	05	30	01	25	04	27	14	28	19	29	21	26	28	26	32	29	35
	03	05	12	22	11	18	07	05																
	03	10	12	15	14	09	19	10	18	05	23	20	24	30	24	65	24	78						
	04	05	10	17	11	32	10	35	14	22	25	10	27	12	27	24								
	05	04	00	00	15	01	12	07	14	03	29	15	29	20	28	30								
	05	10	24	05	10	04	10	09	31	03	31	14	31	17	28	22	28	33	29	44	29	52	28	54
	07	10	13	27	14	39	08	34	09	26	07	15	11	35	13	33								
	08	05	00	00	07	09	26	24	30	19	32	16	31	22	29	37								
	08	10	08	05	07	06	32	04	31	07	29	15												
	09	10	13	30	13	43	08	26	06	15														
	10	05	00	00	20	06	23	08	24	16	23	31	24	38	25	58	24	66	25	89	25	08	25	81
	10	10	25	02	23	02	16	06	23	10	25	19	25	28										
	11	05	21	08	22	08	13	15	14	25	20	33	19	26	21	36	20	32	22	45	23	68	24	64
	11	11	25	06	25	06	16	12	14	14	16	09	20	31	20	46	21	62	22	80				
	12	05	16	04	17	14	13	12	12	21	13	18	15	13	23	15	25	16	25	22	25	41	26	57
	12	11	00	00	22	09	18	15	09	09	12	19												
	13	05	06	03	06	10	03	04	32	04	32	13												
	14	11	11	22	12	32	09	14	17	05														
	15	05	11	14	10	23	10	35																
	18	05	27	03	07	03	27	09	30	22	23	34	28	18	27	25	29	25	30	31	31	34	30	38
	18	10	00	00	01	01	05	01	29	18														
	19	11	31	05	34	02	28	12																
	20	05	32	05	31	03	17	11	13	20	21	10	21	33	24	29	23	45	25	66	25	77	25	94
	20	11	24	03	32	03	31	05	27	16	25	14	25	36	25	49	25	67	25	87	25	06		
	21	05	14	22	12	21	08	11	29	05	28	05	28	21	27	42	27	65	27	00				
	21	10	11	26	09	21																		
	23	11	11	24	11	30	10	25																
	24	05	12	20	10	13	07	05	14	07														
	24	11	10	15	12	17	10	16																
	25	05	12	23	11	30	08	12	13	08														
	25	11	09	17	09	39	08	23																
	28	06	29	10	19	02	17	21	13	41	10	44	14	34	14	60	14	49	15	57	16	58	18	52
	28	11	10	19	11	23	13	28	12	40	13	31	15	36	13	40	13	55	12	55	11	63		
	30	10	13	38	13	62	10	45	09	41	09	41	10	49										
	31	05	13	33	13	50	09	37	09	35	09	33	11	26	14	24								
	31	10	15	26	15	42	14	21	15	15	22	03	22	13	14	19	13	12	08	05	09	11	07	10

Results of Upper Wind Observations,
Mawson 1955

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	01	11	11	22	12	34	10	34																
NOV	03	06	11	28	12	42	10	40																
NOV	03	10	12	21	14	46	11	30	09	17	11	19	12	18	08	19								
NOV	04	05	11	22	11	34	10	39																
NOV	04	11	12	32	12	37	10	32	08	19	11	35												
NOV	06	05	12	24	12	30	10	30	10	26	15	16	12	26	12	23	10	17	08	33				
NOV	06	10	12	23	13	39	09	29	09	16	16	12	15	12										
NOV	07	05	11	28	13	33	10	34	09	36	10	29	15	25	13	31	13	32	12	31	12	64	13	25
NOV	07	10	10	16	12	27	09	20	07	13	15	10	13	28	12	26	16	35	12	38	12	38	13	25
NOV	08	05	12	23	12	34	10	32	10	30	11	38	14	38	13	38	13	36	14	50	14	48	14	28
NOV	08	10	11	17	12	18	11	18	11	14	14	21	13	26	13	31	15	36	15	43	15	33	15	34
NOV	09	05	12	17	11	18	12	09																
NOV	09	11	10	14	10	20	10	06	15	09														
NOV	10	05	26	02	12	03	25	03	26	16	27	16												
NOV	10	11	23	06	26	03	29	08	26	11														
NOV	11	05	13	24	09	12	09	11	07	11	36	04	25	11	29	27	29	27						
NOV	11	11	11	26	11	27	09	22	09	14														
NOV	13	10	12	28	11	50	09	44	09	40	10	20												
NOV	16	05	06	13	10	26	11	38																
NOV	16	11	07	15	09	17	11	39																
NOV	17	05	12	24	12	42	10	38	08	34														
NOV	17	11	11	21	12	35	11	40	08	16														
NOV	19	05	11	30	12	49	10	48	10	38	10	33	10	35										
NOV	19	10	11	44	12	45	10	38	10	34	10	27	08	34										
NOV	20	10	10	25	12	28	10	30	09	34	11	31												
NOV	21	05	09	13			09	27	10	29	10	22	09	23										
NOV	21	11	10	12	11	29	10	26	09	27														
NOV	23	05	13	27	13	40	08	31	09	23	09	08	08	09	20	04	29	01	12	02	26	02	21	15
NOV	23	11	13	17	13	28	10	20	09	07														
NOV	24	05	13	11	10	16	09	06	11	10	08	08	20	05	27	10	26	15	25	22	25	16	25	17
NOV	24	11	05	05	07	07	09	13	10	10	09	05	02	01	27	06	28	11	28	10	28	13	28	18
NOV	25	11	12	35	12	45	11	44																
NOV	26	10	17	04	18	03	19	04	12	11	13	13												
NOV	27	05	13	15	08	16	05	06	05	09	03	04	02	15	33	14	34	14	36	26	33	19	29	38
NOV	27	10	04	07	06	06	09	05	32	03	03	03	01	10	29	10								
NOV	28	05	11	25	11	37	09	26	08	20	10	18	09	22										
NOV	28	10	11	30	12	33	09	32	09	27	09	53												
NOV	29	10	10	33	11	37	09	46	09	35	09	21	09	29										
NOV	30	05	09	16	10	29	09	30	10	17	12	20	09	13	08	08	05	04	04	07	03	11	35	13
NOV	30	10	10	19	11	18	10	24	11	18	12	17	10	16	09	07	04	02	05	04	36	14	36	14
DEC	01	05	11	04	10	10	10	03	16	12	16	04	16	08	25	13	29	23	25	30	23	45		
DEC	01	11	24	06	25	05	11	08	15	10	15	03	22	13	22	25	22	50	23	56				
DEC	02	05	14	13	14	13	11	05	16	12	19	14	21	17	22	17	22	25	23	33	23	46	24	61
DEC	02	11	27	09	28	04	14	06	14	16	18	16	22	15	23	23	23	27	24	53	23	72		
DEC	03	05	11	16	10	21	08	14	10	13	08	11												
DEC	03	11	09	15	09	19	08	11	13	12	12	10												
DEC	04	05	12	15	10	23	09	15	12	09	13	19	08	04	22	08	29	19	32	19	32	44	33	23
DEC	05	05	12	10	08	04	19	05	18	04	28	07	23	08	26	14	27	15	30	21	28	20	33	16
DEC	05	10	24	04	23	02			29	04	30	06	25	13	25	27	25	30	27	28	27	28	27	24
DEC	06	05	08	05	06	07	14	38	11	06	23	17	25	06	26	14	27	19	27	21	27	20	28	18
DEC	06	10	05	04			12	08	14	03	21	07	28	06	25	10	26	13	27	16	26	15	28	22
DEC	07	05	27	04			19	07	14	03	18	02	27	08	27	20	29	13	29	16	28	31	28	42
DEC	07	11	04	06			07	09	08	04	12	04			23	01	27	12	29	10	28	25	28	41
DEC	08	05	13	15	12	06	17	05	10	13	10	11	07	02	27	05	02	01	06	02			28	22
DEC	08	10	08	13	08	13	11	13																
DEC	09	05	10	04	11	12	10	16	11	23	13	26	17	13	06	02	03	06	10	13	24	10	27	15
DEC	09	11	11	20	11	26	09	22	10	15	12	11												
DEC	10	05	12	23	12	39	10	28																
DEC	10	10	09	25	10	38	11	25																
DEC	11	05	04	06	00	00	00	00	15	06	23	07	21	12	27	11	26	08	25	22	25	30	25	26
DEC	11	10	27	05	26	02	33	07	28	06	30	04	29	07	26	16	25	17						
DEC	12	05	12	31	11	40	08	27	09	26	09	21	07	24	36	12	29	23	31	28	30	29	33	21
DEC	12	11	10	26	10	40	10	37	09	31	09	41												
DEC	13	05	14	33			08	22	09	20	11	12												
DEC	13	10	13	24	13	41	10	16	09	23	10	18												
DEC	14	05	13	27	10	19	10	15	10	10	14	15	15	29	15	09	20	03	27	04	06	05		
DEC	14	10	12	15	12	13	11	07	12	08	14	18	11	05	18	08	24	08	26	10	25	11	30	09
DEC	15	05	13	22	12	34	10	21	16	12	13	16	13	16	18	08	25	13	28	22	29	33	29	21
DEC	15	10	00	00	20	02	11	09	12	09	11	09												
DEC	16	05	13	20	12	26	10	12	10	09	14	09	13	05	14	04	29	07	28	12	29	15	27	07
DEC	16	11	04	13	06	08	10	15	11	17	13	10	14	07	15	03	31	04	29	10	29	15	28	13
DEC	17	05	12	23	11	26	10	26	10	20	15	10	12	09	16	06	11	08	23	09	26	07	29	10
DEC	17	10	11	17	10	14	11	10	12	18														
DEC	18	05	11	30	12	42	09	36	09	26	10	28	09	25	08	13	05	04	32	09	31	23	30	15
DEC	18	11	10	29	12	29	09	25	10	21	10	23	10	24	09	16	07	05	32	10	31	36	31	27
DEC	19	05	12	37	13	54	10	26	09	22	09	21	11	26	11	13	11	04	01	07	01	14	35	10
DEC	19	11	12	31	13	37	09	29	08	13	13	10	11	25	13	12	10	15	03	10	04	10	01	09
DEC	20	06	12	22	12	34	09	15	12	08	16	15												
DEC	20	10	12	17	11	21	09	11	07	09	12	12												
DEC	21	05	11	15	11	19	06	08	13	06	14	16	06	12	04	14	03	14						
DEC	21	11	24	06	23	03	10	08																
DEC	22	05	06	08	09	20	08	09	12	15	09	13	07	18										
DEC	22	11	18	03	09	05	09	16	10	12	09	11												
DEC	23	05	08	11	08	10	09	06	11	12	10	09	10	06	04	18								
DEC	23	11	26	05	24	07	10	10	11	10	11	12	06	03										
DEC	24	05	11	18	10	26	08	11	12	09	14	14	12	07	16	06	20	08						
DEC	24	10	08	16	09	18	10	18	12	15														

Results of Upper Wind Observations,
Mawson 1955

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
DEC	25	05	12	26	13	42	11	26	09	15	13	08												
DEC	26	05	13	23	14	35	10	17	10	14	13	10	16	25	16	15	16	24						
DEC	26	11	12	22	13	39	11	15	09	15														
DEC	27	05	06	11	09	17	10	23																
DEC	27	11	08	14	09	12	10	24	11	26														
DEC	28	05	12	10	12	18	12	33	12	34	11	26												
DEC	28	10	12	32	14	46	11	11	09	18														
DEC	31	05	12	14	10	30	10	30	11	28	13	26	11	27	11	29	12	40	12	50	12	42		
DEC	31	10	25	09			10	11	11	22	12	16	12	21	12	25	14	23	14	28	14	41		

Results of Upper Wind Observations, Mawson 1955

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	01	03	09	30														
JAN	02	03	08	15	08	09												
JAN	03	02	12	22	11	10	14	04	13	03	05	05						
JAN	08	02	13	13	13	09	13	08	13	05								
JAN	09	02	17	05	15	02	17	01										
JAN	10	02	26	12	29	07	29	07	27	05								
JAN	11	11	28	15	28	15	26	13	27	08								
JAN	12	02	25	12	24	18	23	15	24	14								
JAN	13	11	25	23	24	21	24	23	23	19								
JAN	17	03	04	13	02	12	36	15	02	07								
JAN	19	11	28	11	27	08	32	05										
JAN	20	02	30	06	33	06	32	05	35	06	07	06						
JAN	20	11	31	11	34	05	32	05	35	06								
JAN	21	02	32	13	29	06	28	06	31	02	03	03						
JAN	21	17	30	13	27	12	27	09	27	06								
JAN	22	02	30	20	29	20	28	16										
JAN	22	11	29	33	29	27	30	23	29	21								
JAN	25	11	25	10	28	07	28	08										
JAN	28	04	32	08	30	06	30	10	30	08								
JAN	31	03	27	23	27	22	27	21	28	18								
JAN	31	12	28	22	27	24	27	20	28	14	28	15						
FEB	04	17	21	07	23	09												
FEB	06	02	22	20	23	16	26	10	27	11								
FEB	06	17	23	23	24	19	26	14	27	12								
FEB	07	11	27	20	26	21												
FEB	08	02	27	17	27	18	27	20										
FEB	08	11	27	21	27	21	27	20										
FEB	09	02	28	27														
FEB	12	02	29	14	28	21	27	15	27	16	27	17						
FEB	12	14	26	17														
FEB	13	02	24	33	24	34	25	38	25	44	25	42						
FEB	14	02	25	39	25	36												
FEB	15	11	26	33														
FEB	16	11	26	29	26	27	26	28	27	25	27	23						
FEB	17	02	26	28	27	25	27	26	27	20	30	10						
FEB	17	11	27	35	27	31	27	28	27	26	27	25						
FEB	18	11	26	33	26	30	26	29	27	27	25	26						
FEB	19	02	24	42	25	45	25	36	24	38	26	23						
FEB	19	11	25	47	24	45	24	24	25	38	27	27						
FEB	20	02	26	24	26	23	26	26										
FEB	20	14	26	22	26	30	27	25	27	28	26	26						
FEB	21	02	25	20	26	19	27	20	28	23	27	23						
FEB	21	11	25	18	26	19	26	20	27	20								
FEB	22	02	24	25	24	24	24	25	25	17	26	24						
FEB	22	11	24	22	25	26	24	25	24	20	25	26						
FEB	23	02	25	44	24	32	24	36	24	30	23	25						
FEB	23	11	25	52	25	45	25	37	25	40	24	28						
FEB	24	02	26	43	26	42	25	39	25	30	25	33						
FEB	26	02	26	31	26	30	26	30	26	30	26	25						
FEB	26	11	26	33	26	34	26	33	26	32	26	29						
FEB	27	02	26	42	26	34	26	32	27	37	26	31						
FEB	27	12	27	45	27	32	26	30	27	38	26	26						
FEB	28	02	26	42	26	28	27	29	27	16	27	22						
MAR	01	11	27	22	27	27	27	20	28	23								
MAR	03	05	26	17	26	17	26	20	25	16								
MAR	04	05	27	34	27	25	26	15										
MAR	14	06	19	22	20	19	23	13	21	08	25	07						
MAR	15	05	26	15	25	20	30	14	28	12	27	22						
MAR	15	11	26	18														
MAR	20	05	24	17	27	17	27	24	29	27	26	27						
MAR	21	05	24	23	25	20	26	23										
MAR	24	05	26	23	27	28	29	30	28	30								
MAR	25	05	26	40	27	40	27	42	27	48	26	52						
MAR	26	05	27	47	26	50	27	45	25	48								
MAR	30	05	28	31	28	38	28	32										
APR	05	05	23	17	22	14	25	23										
APR	06	05	24	27	24	26	23	38	24	37								
APR	07	05	20	94														
APR	10	05	27	44	27	50	27	44	27	46	27	48						
APR	11	05	25	46	26	43	27	52	26	40								
APR	20	11	26	48	26	49	27	42	27	50								
APR	27	11	24	29	25	30	25	32										
MAY	09	06	24	12	26	16	25	11	26	21	25	32						
MAY	10	05	24	29	24	28	24	30										
MAY	12	05	30	26	30	36												
MAY	18	07	26	31	24	48												
MAY	19	07	24	35	25	32	27	46										
MAY	20	07	26	14														
MAY	21	07	22	28	26	40												
MAY	23	07	35	43	35	49	35	55										
MAY	24	07	29	41	29	46												

Results of Upper Wind Observations,
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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						
JN	01	09	21	27	21	27												
JN	04	05	24	38	24	44	25	55	25	66	25	70						
JN	06	07	24	55	25	61	25	52										
JN	08	05	27	35	29	35	29	46										
JN	09	08	28	38														
JN	13	05	29	15	31	16	30	25										
JN	16	05	29	27														
JN	27	05	26	22	27	26												
JL	03	09	26	31	26	43												
JL	14	05	22	23	24	34	24	47										
JL	20	05	24	44	24	60	27	60	27	80								
JL	26	05	27	28	26	33	28	47										
JL	27	05	24	40	24	50	24	74										
JL	28	07	26	70														
AG	01	07	26	12	27	21												
AG	06	07	32	22	31	28												
AG	08	05	10	06	23	06	24	13										
AG	10	05	16	21	16	19												
AG	12	05	21	32	22	40	24	50	24	77								
AG	13	05	20	77	23	75	24	76	23	13								
AG	14	05	24	52	25	40	25	57	27	65								
AG	15	05	22	29														
AG	15	10	26	23	27	40												
AG	16	05	25	20	24	27	25	30	27	37	27	46						
AG	16	10	25	20														
AG	18	05	25	26	28	48	27	52										
AG	18	10	28	34														
AG	19	05	25	53	27	63	27	71	28	12	28	19						
AG	20	05	31	36	30	47	28	54	30	64	30	98						
AG	24	05	22	32	23	37	24	52	24	56	24	68						
AG	24	10	24	31	23	36												
AG	25	05	24	38	25	39	26	50										
AG	25	10	26	35	26	38												
AG	26	06	26	30	27	37	27	43	27	56								
AG	28	05	27	35	26	36	29	33										
AG	29	05	24	64	24	82												
SP	02	05	27	17	27	22	29	37										
SP	03	05	28	28	27	30	29	47	28	52								
SP	03	11	27	31	28	28												
SP	04	05	28	38	27	50	27	56										
SP	04	11	28	33	27	37												
SP	05	05	31	24	29	32												
SP	05	10	30	23	29	25												
SP	06	05	32	15	30	29	29	38	29	83								
SP	06	10	30	19	29	22												
SP	07	05	30	21	29	34	28	37	29	61	29	86						
SP	08	10	26	29	27	24												
SP	09	05	27	42	25	43	27	48	27	47	28	42						
SP	13	05	27	56	26	67	27	54	27	59								
SP	17	05	28	16														
SP	18	05	25	85	26	62												
SP	23	05	29	41	29	46	28	64										
SP	23	11	29	36														
SP	25	05	29	47														
SP	25	10	26	55														
SP	29	05	29	31														
SP	29	10	28	23	29	26	29	38	30	41								
SP	30	05	27	23	28	30	28	45	29	60								
OC	02	05	29	34	28	30	28	41	29	50								
OC	02	10	27	32	27	33												
OC	05	10	28	69	28	68												
OC	12	05	26	77														
OC	18	05	29	37	28	60	26	80										
OC	20	05	25	73														
OC	31	10	04	05														
NO	07	05	12	21	12	21	09	04	13	17								
NO	07	10	14	22	14	15	14	01	12	02								
NO	08	05	14	18	16	09	18	06	34	05	35	10						
NO	08	10	21	16	15	14	27	01	06	03	29	03						
NO	23	05	22	11	25	12	15	06	14	11	22	07						
NO	24	05	27	36	29	32	29	31	30	26								
NO	24	11	29	29	29	25												
NO	27	05	28	50	27	52	26	40										
NO	30	05	34	10	34	11	35	29	34	23	34	06						
NO	30	10	34	08	31	07	31	11	33	15								

Results of Upper Wind Observations,
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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
DEC	02	05	23	57	23	44	23	44	23	46	03	11
DEC	04	05	34	32	31	24	29	31	32	21	32	18
DEC	05	05	36	12	33	13	33	25	29	07	35	09
DEC	05	10	30	15	36	23	33	22				
DEC	06	05	32	13	34	17	06	12	08	27	26	10
DEC	06	10	29	19	30	17	32	16	33	14		
DEC	07	05	28	56	29	28	28	24	32	10	29	16
DEC	07	11	29	46								
DEC	08	05	29	24	27	18	29	17	28	15		
DEC	09	05	25	15	23	13	25	13	24	12	29	07
DEC	11	05	26	28	26	23	26	20	29	09	30	04
DEC	12	05	36	11	34	13	35	13	35	14	36	11
DEC	14	10	23	08	25	04	23	06	21	06	26	10
DEC	15	05	32	11	21	10	23	11	24	07	24	08
DEC	16	05	26	14	25	17	27	12	27	04		
DEC	16	11	28	09	28	12	29	13	26	10		
DEC	17	05	30	09	29	10	29	09	31	07	36	12
DEC	18	05	32	16	31	14	33	10	35	12		
DEC	18	11	31	12	32	18	34	16	32	12		
DEC	19	05	33	14	03	11	34	08				
DEC	19	11	01	09	34	13	32	07	35	10		