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VOLUME IX

METEOROLOGY

Mawson And Macquarie Island, 1956.

Prepared By

THE BUREAU OF METEOROLOGY, MELBOURNE.

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INTRODUCTION

1. This volume contains the meteorological observations, surface, radio sonde, radio wind and pilot balloon made at Macquarie Island and Mawson during 1956. The details are presented as listings and also in the form of cumulated frequency analyses. 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:-

P.J.R.Ruckert	-	Observer
W.R.A.Kellas	-	Observer
R.V.Hill	-	Observer

The Mawson observations were made by the following:-

F.T.Hannan	-	Meteorologist
B.Isabelle	-	Observer
G.Wheeler	-	Observer

Considerable assistance was given by other members of each party.

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 preceded by a 0 if positive and a five if negative. 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, preceded by a 0 if positive and a 5 if negative

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. Zero or five (0 or 5) precede 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, preceded by 0 if positive and 5 if negative.

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 figure five 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 1289K,
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

At Macquarie Island dry bulb, wet bulb, maximum and minimum thermometers were mounted in a Stevenson screen. At Mawson a dry bulb and a maximum thermometer were mounted in the screen and an Assman psychrometer with dry and wet bulb thermometers was also used. At both stations a continuous record of air temperature was given by a daily thermograph in the same screen and this was used at Mawson to obtain all minimum temperature observations.

Humidity

Relative humidity and dew point were obtained from dry and wet bulb thermometer readings mounted in a Stevenson screen at Macquarie Island and in an Assman Psychrometer at Mawson. 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) at Macquarie Island and 5 metres above the station buildings (i.e. about 8 metres above the ground) at Mawson. 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.

At Macquarie Island 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.

At Mawson base-line checks were carried out by placing the sonde together with dry and wet bulb thermometers in a sealed test chamber in which the air was circulated by an electric fan. The test chamber was located indoors in a heated hut.

Upper Wind Observations

Upper wind observations were made at Macquarie Island by visual means following either a pilot balloon or the radiosonde balloon.

At Mawson the upper wind observations at the same time as the radio sonde observations were made by radio direction finding means using a radio theodolite to track the radio sonde transmitter, the other upper wind observations being made by the pilot balloon method.

CODE FOR VISIBILITY

Code Figure	Lower Limit	Upper Limit less than
00	Zero	1/8 statute mile
01	1/8 statute mile	1/4 statute mile
02	1/4 statute mile	3/8 statute mile
03	3/8 statute mile	1/2 statute mile
04	1/2 statute mile	5/8 statute mile
05	5/8 statute mile	3/4 statute mile
06	3/4 statute mile	1 statute mile
08	1 statute mile	1 1/4 statute miles
10	1 1/4 statute miles	1 1/2 statute miles
12	1 1/2 statute miles	1 3/4 statute miles
14	1 3/4 statute miles	2 statute miles
16	2 statute miles	2 1/2 statute miles
18	2 1/2 statute miles	3 statute miles
20	3 statute miles	4 statute miles
24	4 statute miles	5 statute miles
32	5 statute miles	6 statute miles
40	6 statute miles	7 statute miles
48	7 statute miles	8 statute miles
56	8 statute miles	9 statute miles
64	9 statute miles	10 statute miles
72	10 statute miles	12 statute miles
80	12 statute miles	24 statute miles
81	24 statute miles	36 statute miles
82	36 statute miles	48 statute miles
83	48 statute miles	60 statute miles
84	60 statute miles	90 statute miles
85	90 statute miles	120 statute miles
86		

Code Figure	Lower Limit	Upper Limit less than
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: ½ 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.	)
01	Clouds generally dissolving or becoming less developed.	) Characteristic change of the state of sky during the past hour.
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
45	Fog, sky not discernible	
46	Fog, sky discernible	has begun or has become thicker during the preceding hour
47	Fog, sky not discernible	
48	Fog, depositing rime, sky discernible	
49	Fog, depositing rime, sky not discernible	
50	Drizzle, not freezing, intermittent	slight at time of observation
51	Drizzle, not freezing, continuous	
52	Drizzle, not freezing, intermittent	moderate at time of observation
53	Drizzle, not freezing, continuous	
54	Drizzle, not freezing, intermittent	thick at time of observation
55	Drizzle, not freezing, continuous	
56	Drizzle, freezing, slight	
57	Drizzle, freezing, moderate or thick	
58	Drizzle and rain, slight	
59	Drizzle and rain, moderate or heavy	
60	Rain, not freezing, intermittent	slight at time of observation
61	Rain, not freezing, continuous	
62	Rain, not freezing, intermittent	moderate at time of observation
63	Rain, not freezing, continuous	
64	Rain, not freezing, intermittent	heavy at time of observation
65	Rain, not freezing, continuous	
66	Rain, freezing, slight	
67	Rain, freezing moderate or heavy	
68	Rain or drizzle and snow, slight	
69	Rain or drizzle and snow moderate or heavy	

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

98	Thunderstorm combined with duststorm or sandstorm at time of observation	) Thunderstorm at time of observation
99	Thunderstorm, heavy, with hail at time of observation	)

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CODE FOR PAST WEATHER

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

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CODES FOR CLOUD TYPES

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

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

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

(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 Fractostratus of bad weather.

7 Fractostratus and/or Fractocumulus of bad weather ("Scud") usually under Altostratus and Nimbostratus. (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.

6 Altocumulus formed by the spreading out of Cumulus.

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

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.

6 Cirrus and Cirrostratus, often in hands 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° altitude.

7 Cirrostratus covering the whole sky.

8 Cirrostratus not increasing and not covering the whole sky; Cirrus and Cirrocumulus may be present.

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

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 1956

Latitude 54° 30' S

Longitude 158° 57' E

Height of Barometer Cistern
20 feet above Mean Sea Level

Month	Mean of eight Hourly Readings			TEMPERATURE				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	999.3	44.9	42.2	48.6	41.5	53	37	605	29	17.6
FEB	1002.6	43.7	40.2	46.9	40.1	50	34	232	26	19.5
MAR	1002.3	43.0	39.4	45.7	39.9	49	36	287	28	20.6
APR	1000.7	42.8	40.1	45.5	40.0	49	35	288	26	16.2
MAY	1008.1	41.5	38.4	44.0	38.6	47	28	290	22	17.2
JUN	996.4	40.5	37.9	43.0	37.1	46	28	365	27	17.0
JUL	1000.1	37.5	33.1	40.5	34.0	45	26	298	27	15.9
AUG	994.1	38.5	35.1	41.0	34.9	44	26	293	26	19.6
SEP	1002.4	38.5	34.9	41.8	34.8	45	27	247	28	18.6
OCT	997.9	39.7	35.6	42.5	36.4	46	32	322	25	17.1
NOV	996.4	40.8	35.6	43.8	37.4	48	33	151	21	14.8
DEC	992.4	44.7	41.2	47.9	41.6	52	37	283	24	13.3
YEAR	999.4	41.3	37.8	44.3	38.0	53	26	3661	309	17.3

MAWSON 1956

Latitude 67° 36' S

Longitude 62° 53' E

Height of Barometer Cistern
27 feet above Mean Sea Level

Month	Mean of eight Hourly Readings			TEMPERATURE				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	995.6	33.8	20.9	38.6	28.3	45	19			19.8
FEB	987.7	27.3	15.0	31.6	22.6	38	11			25.1
MAR	990.1	11.7	-2.1	17.1	5.8	28	-4			21.1
APR	989.5	10.7	1.5	14.8	6.2	28	-5	NOT		25.2
MAY	991.3	5.6	-3.9	10.0	1.7	23	-14	RECORDED		26.9
JUN	989.1	2.7	-5.7	7.1	-1.8	22	-17			24.9
JUL	990.7	0.6	-8.2	6.5	-4.8	31	-23			22.3
AUG	986.7	-6.9	-14.3	-1.9	-11.5	16	-30			21.1
SEP	985.9	0.3	-8.3	5.2	-5.1	17	-19			21.1
OCT	977.9	8.1	0.1	13.0	2.7	20	-11			24.4
NOV	987.0	22.7	11.0	27.4	17.1	36	5			23.1
DEC	994.3	34.3	22.1	39.1	29.3	47	23			15.1
YEAR	988.8	12.6	2.3	17.4	7.5	47	-30			22.5

FREQUENCY ANALYSES
MACQUARIE ISLAND 1956

Station Level Pressure

Upper Limit Range - mb	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
960	000	000	000	000	000	000	000	001	000	000	000	000	0001
965	000	000	000	000	000	000	000	003	000	001	000	000	0004
970	000	000	000	004	000	001	004	009	000	004	000	000	0022
975	004	000	002	014	000	016	010	018	000	012	000	010	0086
980	008	004	008	028	001	031	016	025	003	019	020	030	0193
985	013	014	029	040	009	047	028	054	008	036	047	070	0395
990	024	050	044	058	025	096	058	095	038	047	072	111	0718
995	078	081	070	075	041	119	100	140	076	086	107	142	1115
1000	120	103	104	100	056	134	127	165	113	136	153	174	1485
1005	183	131	141	146	092	168	147	184	146	185	179	228	1930
1010	224	162	171	181	123	192	204	218	183	215	203	244	2320
1015	247	190	204	203	170	211	214	248	189	244	239	248	2607
1020	248	201	232	213	208	240	225	248	214	248	240	248	2765
1025	248	226	248	230	233	240	235	248	225	248	240	248	2869
1030	248	232	248	240	247	240	248	248	240	248	240	248	2927
1035	248	232	248	240	248	240	248	248	240	248	240	248	2928

Maximum Temperature

Upper Limit Range - °F													
31	00	00	00	00	00	00	00	01	00	00	00	00	001
33	00	00	00	00	00	00	00	01	01	00	00	00	002
35	00	00	00	00	00	01	02	01	01	00	00	00	005
36	00	00	00	00	00	01	02	02	02	00	00	00	007
37	00	00	00	00	01	02	04	04	02	00	01	00	014
38	00	00	00	00	01	02	05	07	02	00	01	00	018
39	00	00	00	01	02	02	10	07	04	02	02	00	030
40	00	00	00	01	02	03	15	08	06	05	03	00	043
41	00	00	00	01	03	06	22	14	11	10	04	00	071
42	00	01	01	01	05	08	22	18	17	13	11	00	097
43	01	02	04	04	08	15	27	28	22	22	12	00	145
44	02	04	05	08	17	22	29	31	28	27	16	00	189
45	02	07	13	14	25	28	31	31	30	30	19	02	232
46	06	10	23	23	29	30	31	31	30	31	27	05	276
47	11	15	27	25	31	30	31	31	30	31	29	14	305
48	17	24	30	28	31	30	31	31	30	31	30	22	335
49	18	28	31	30	31	30	31	31	30	31	30	26	347
50	23	29	31	30	31	30	31	31	30	31	30	29	356
51	27	29	31	30	31	30	31	31	30	31	30	30	361
52	30	29	31	30	31	30	31	31	30	31	30	31	365
53	31	29	31	30	31	30	31	31	30	31	30	31	366

Minimum Temperature

Upper Limit Range - °F													
26	00	00	00	00	00	00	01	02	00	00	00	00	003
27	00	00	00	00	00	00	01	02	01	00	00	00	004
28	00	00	00	00	01	01	02	02	01	00	00	00	007
29	00	00	00	00	01	02	02	04	02	00	00	00	011
30	00	00	00	00	01	02	04	05	05	00	00	00	017
31	00	00	00	00	01	03	06	06	07	00	00	00	023
32	00	00	00	00	02	04	13	06	08	01	00	00	034
33	00	00	00	00	02	05	13	10	09	07	06	00	052
34	00	01	00	00	03	09	17	11	12	12	06	00	071
35	00	03	00	02	05	10	21	15	14	12	07	00	089
36	00	06	03	03	11	14	24	16	17	15	12	00	121
37	01	06	05	07	12	15	26	25	24	19	16	01	157
38	03	08	14	09	13	16	27	26	26	22	19	03	186
39	08	10	17	11	17	20	29	29	29	25	20	08	223
40	12	12	20	16	18	22	31	29	30	29	25	10	254
41	18	18	20	21	22	25	31	31	30	31	27	13	287
42	21	21	23	24	27	29	31	31	30	31	29	18	315
43	24	27	27	28	30	30	31	31	30	31	30	23	342
44	24	29	30	30	31	30	31	31	30	31	30	30	357
45	27	29	31	30	31	30	31	31	30	31	30	31	362
46	31	29	31	30	31	30	31	31	30	31	30	31	366

FREQUENCY ANALYSES
MACQUARIE ISLAND 1956

Speed of Maximum Wind Gust

Upper Limit Range - Knots	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
10	00	00	00	00	00	00	00	00	00	00	00	00	000
20	00	00	00	04	02	00	03	00	00	03	01	03	016
30	05	00	02	12	07	09	09	05	06	06	13	14	088
40	16	12	08	19	19	17	19	15	12	18	22	22	199
50	22	23	16	21	29	25	25	22	21	28	30	29	291
60	30	29	22	28	31	29	30	26	29	29	30	30	343
70	31	29	31	29	31	29	30	30	30	30	30	31	361
80	31	29	31	30	31	30	31	31	30	30	30	31	365
90	31	29	31	30	31	30	31	31	30	31	30	31	366

Daily Amount of Precipitation

Upper Limit Range - Points													
000	02	03	03	04	09	03	04	05	02	06	09	07	057
005	07	17	14	17	20	11	18	14	17	18	21	18	192
010	14	19	21	19	24	19	23	22	21	20	25	24	251
020	20	27	27	24	27	25	25	27	28	27	29	26	312
030	24	28	30	29	28	28	29	29	29	28	29	29	340
040	28	29	30	29	29	28	30	30	30	29	30	30	352
050	28	29	30	29	29	28	30	31	30	30	30	30	354
060	30	29	31	30	30	30	30	31	30	30	30	30	361
070	30	29	31	30	30	30	31	31	30	30	30	30	362
080	30	29	31	30	31	30	31	31	30	31	30	31	365
090	30	29	31	30	31	30	31	31	30	31	30	31	365
100	30	29	31	30	31	30	31	31	30	31	30	31	365
110	31	29	31	30	31	30	31	31	30	31	30	31	366

Terrestrial Minimum Temperature

Upper Limit Range - °F													
19	00	00	00	00	00	00	00	01	00	00	00	00	001
23	00	00	00	00	00	00	00	02	00	00	00	00	002
24	00	01	00	00	00	00	01	02	00	00	00	00	004
25	00	01	00	00	00	00	01	02	01	00	00	00	005
26	00	01	00	00	01	02	02	02	02	00	00	00	010
27	00	02	00	00	01	03	03	02	05	00	00	00	016
28	00	02	00	00	01	03	07	02	06	01	00	00	022
29	00	02	00	01	02	04	10	05	08	01	00	00	033
30	00	02	00	01	03	05	13	06	09	01	01	00	041
31	00	02	01	01	03	06	17	09	11	05	03	01	059
32	00	03	02	01	03	09	19	12	13	11	08	01	082
33	00	05	03	02	07	11	22	13	16	15	09	02	105
34	00	06	05	02	10	12	23	17	17	16	11	04	123
35	00	06	07	05	12	15	26	21	23	20	13	06	154
36	00	08	15	09	12	16	27	26	24	21	15	08	181
37	01	09	19	13	13	19	30	27	27	23	18	10	209
38	02	13	20	15	17	21	30	27	29	23	22	10	229
39	03	18	20	21	20	24	31	29	30	27	26	16	265
40	03	19	20	23	24	27	31	31	30	30	27	20	285
41	03	23	21	26	28	29	31	31	30	31	29	24	306
42	03	24	26	27	29	30	31	31	30	31	30	26	318
43	03	28	30	30	31	30	31	31	30	31	30	29	334
44	03	28	30	30	31	30	31	31	30	31	30	31	336
45	03	28	31	30	31	30	31	31	30	31	30	31	337

FREQUENCY ANALYSES
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Screen Temperature v Dew Point Depression

	°F	Dew Point Depression 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>14	Total
Jan.	38	000	00	00	01	00	01	00	00	00	00	00	01	00	00	00	00	003
	39	000	00	02	02	01	01	00	00	00	00	00	02	00	00	00	00	008
	40	000	00	04	03	01	01	00	00	00	00	00	02	00	00	00	00	011
	41	000	01	06	06	02	05	00	00	02	00	00	02	00	00	00	00	024
	42	000	05	10	07	04	08	02	05	05	02	01	02	00	00	00	00	051
	43	003	16	12	10	07	11	06	05	08	04	02	03	00	00	00	00	087
	44	006	19	14	12	09	13	06	07	12	04	03	03	00	00	00	00	108
	45	016	28	18	13	13	16	07	08	13	04	04	03	00	00	00	00	143
	46	031	28	23	14	13	20	09	09	13	04	04	03	00	00	00	00	171
	47	042	34	28	16	13	20	09	10	14	04	04	03	00	00	00	00	197
	48	059	36	32	17	13	20	09	10	14	04	04	03	00	00	00	00	221
	49	071	38	34	17	13	21	09	10	14	04	04	03	00	00	00	00	238
	50	076	38	35	18	13	21	09	10	14	04	04	03	00	00	00	00	245
	51	079	38	35	18	13	21	09	10	14	04	04	03	00	00	00	00	248
Feb.	37	001	00	01	01	01	00	00	01	00	00	00	00	00	00	00	00	005
	38	001	00	01	03	03	01	00	01	01	00	00	01	00	00	00	00	012
	39	002	01	03	03	03	02	00	01	01	00	01	01	00	00	00	00	018
	40	002	02	05	03	03	05	01	02	02	01	01	03	00	00	00	00	030
	41	002	04	09	04	04	08	01	04	02	01	01	04	00	00	00	00	044
	42	002	04	11	10	08	12	03	04	03	02	01	05	00	00	00	00	065
	43	006	04	18	11	11	14	03	07	05	03	03	05	01	00	00	00	091
	44	010	07	29	15	12	16	04	10	06	05	05	05	01	02	00	00	127
	45	021	17	37	19	14	18	05	15	06	05	05	05	01	02	00	00	170
	46	028	21	47	22	17	20	06	16	06	06	05	05	01	02	00	00	202
	47	030	28	51	24	20	20	07	16	07	06	05	05	01	02	00	00	222
	48	032	28	58	25	20	20	07	16	07	06	05	05	01	02	00	00	232
Mar.	37	000	00	00	00	00	00	01	00	00	00	00	00	00	00	00	00	001
	38	000	01	00	01	00	01	01	01	01	04	00	02	01	00	00	00	013
	39	000	02	03	02	02	02	01	01	01	05	03	02	01	00	00	00	025
	40	000	02	09	02	04	03	01	01	03	05	04	02	01	00	00	00	037
	41	000	02	14	02	07	07	07	03	04	06	04	02	01	00	00	00	059
	42	000	04	17	08	09	09	08	06	08	08	04	03	01	00	00	00	085
	43	011	11	24	09	09	11	11	09	12	12	06	03	01	00	00	00	129
	44	027	22	30	09	09	13	14	12	16	12	09	04	02	00	00	00	179
	45	041	30	37	13	15	18	15	13	16	12	09	04	02	00	00	00	225
	46	050	32	39	14	16	20	15	13	16	12	09	04	02	00	00	00	242
	47	053	32	39	14	16	21	15	13	16	12	09	04	02	00	00	00	246
	48	054	32	39	14	16	22	15	13	16	12	09	04	02	00	00	00	248
Apr.	36	000	00	00	00	00	00	00	01	01	00	00	00	00	00	00	00	002
	37	000	00	00	00	01	01	03	01	01	00	00	00	00	00	00	00	007
	38	001	00	01	02	02	02	03	03	01	02	00	00	00	00	00	00	017
	39	002	00	01	03	02	03	04	03	02	03	00	03	01	00	00	00	027
	40	003	02	04	03	02	03	04	05	02	03	00	03	01	00	00	00	035
	41	008	06	06	04	03	04	06	08	04	04	01	03	01	00	00	00	058
	42	017	08	08	07	04	07	07	10	06	05	01	03	01	01	00	00	085
	43	035	20	16	10	09	12	08	12	08	07	01	03	01	01	00	00	143
	44	061	27	19	12	11	13	10	12	09	07	01	03	01	01	00	00	187
	45	080	35	23	13	13	14	11	12	09	07	01	03	01	01	00	00	223
	46	087	36	24	13	15	14	11	12	09	07	01	03	01	01	00	00	234
	47	089	36	26	13	15	14	11	12	09	07	01	03	01	01	00	00	238
	48	090	37	26	13	15	14	11	12	09	07	01	03	01	01	00	00	240

FREQUENCY ANALYSES
MACQUARIE ISLAND 1956

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.	30	000	00	00	01	00	01	00	00	00	00	00	00	00	00	00	00	002
	32	000	00	00	01	00	02	00	00	00	00	00	00	00	00	00	00	003
	33	000	00	00	01	01	02	00	01	00	00	01	01	00	00	00	00	007
	34	000	00	01	01	02	03	00	01	02	00	01	01	01	00	00	00	013
	35	002	00	01	01	02	04	00	01	02	00	01	01	01	00	00	00	016
	36	002	00	01	02	02	04	00	01	02	02	02	02	01	00	00	00	021
	37	002	00	01	04	03	05	01	02	04	03	03	02	04	01	00	00	035
	38	003	00	02	05	04	07	02	03	04	03	05	02	04	01	00	00	045
	39	005	00	02	05	04	10	04	05	04	05	06	02	04	03	00	00	060
	40	007	05	06	05	07	12	05	07	05	07	06	02	04	03	00	00	081
	41	009	11	08	06	08	14	06	07	06	09	07	02	04	03	00	00	100
	42	013	13	11	07	10	16	08	07	06	09	07	02	04	03	00	00	116
	43	030	29	21	15	11	17	09	08	07	09	07	02	04	03	00	00	172
	44	050	39	29	18	11	17	09	08	07	09	07	02	04	03	00	00	213
	45	065	49	32	18	11	17	09	08	07	09	07	02	04	03	00	00	241
	46	072	49	32	18	11	17	09	08	07	09	07	02	04	03	00	00	248
Jun.	29	001	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	001
	30	001	00	00	00	00	00	00	01	00	00	00	00	00	00	00	00	002
	31	001	01	01	01	00	00	00	01	00	00	00	00	00	00	00	00	005
	32	001	03	01	01	00	01	00	01	00	00	00	00	00	00	00	00	008
	33	001	03	02	02	00	01	00	01	01	00	00	00	00	00	00	00	011
	34	001	03	04	02	00	01	00	01	02	00	01	00	00	00	00	00	015
	35	001	04	04	04	00	01	02	02	02	00	01	00	01	00	00	00	022
	36	002	05	05	05	00	03	02	03	02	00	01	00	01	00	00	00	029
	37	002	06	07	06	01	04	04	04	02	01	03	00	01	00	01	00	042
	38	003	08	10	10	03	07	04	07	03	02	03	00	02	00	01	00	063
	39	006	10	11	11	05	09	05	10	05	02	04	01	02	00	01	00	082
	40	009	11	14	14	05	09	06	10	05	02	04	01	02	00	01	00	093
	41	019	18	16	14	06	09	07	11	05	02	05	01	02	00	01	00	116
	42	034	26	24	16	07	10	07	11	05	02	05	01	02	00	01	00	151
	43	062	36	38	22	10	11	07	11	05	02	05	01	02	00	01	00	213
	44	074	39	41	22	10	11	08	11	05	02	05	01	02	00	01	00	232
	45	079	39	44	22	10	11	08	11	05	02	05	01	02	00	01	00	240
Jul.	28	000	00	00	01	00	00	00	00	00	01	00	00	01	00	00	00	003
	30	000	01	01	01	00	00	00	01	00	01	00	00	01	00	00	00	006
	31	000	01	01	02	01	00	00	02	00	01	00	00	01	00	00	00	009
	32	000	03	02	02	01	01	02	04	01	01	00	00	02	00	00	00	019
	33	000	03	03	05	03	02	04	04	03	03	02	02	03	00	00	00	037
	34	001	03	03	06	04	03	06	04	04	04	02	04	04	01	00	00	049
	35	004	03	04	08	05	04	07	05	07	05	02	04	05	01	00	01	065
	36	007	08	06	11	08	05	08	05	07	07	04	08	05	02	01	02	094
	37	008	11	10	14	09	07	09	05	10	07	06	09	06	02	01	02	116
	38	012	16	14	15	13	12	10	06	12	07	07	10	07	02	01	02	146
	39	012	19	19	17	16	13	11	08	12	08	08	10	07	02	01	02	165
	40	017	28	23	19	20	18	12	10	13	08	08	10	07	02	01	02	198
	41	021	36	24	24	20	18	12	11	14	08	08	10	07	02	01	02	218
	42	027	38	26	26	21	19	12	11	14	08	08	10	07	02	01	02	232
	43	030	45	28	27	21	19	12	11	15	08	08	10	07	02	01	02	246
	44	030	45	30	27	21	19	12	11	15	08	08	10	07	02	01	02	248
Aug.	26	000	00	00	00	00	00	00	00	00	00	00	00	01	00	00	00	001
	28	000	00	00	00	01	00	00	00	00	00	00	00	01	00	00	00	002
	29	000	00	00	00	01	00	01	00	00	00	00	00	01	00	01	00	004
	30	000	00	01	00	01	01	01	00	00	01	01	00	01	04	01	00	012
	31	000	00	02	00	02	01	01	00	00	02	02	00	01	04	01	00	016
	32	001	01	02	00	02	01	01	00	01	02	02	00	01	04	01	00	019
	33	001	01	03	00	03	01	02	01	01	02	03	00	01	04	01	01	025
	34	001	01	03	01	04	01	03	05	01	02	03	00	01	04	01	01	032
	35	002	04	03	02	07	03	03	05	02	03	05	00	01	04	02	02	048
	36	003	04	05	02	07	05	03	07	02	03	05	00	01	04	02	02	055
	37	003	06	06	07	12	07	05	11	04	03	07	00	01	04	02	02	080
	38	007	09	11	11	12	11	05	13	07	03	07	00	02	04	02	02	106
	39	009	11	16	18	14	15	07	13	07	05	08	00	02	04	02	02	133
	40	016	19	20	23	15	16	07	15	08	06	08	00	02	04	02	02	161
	41	031	30	25	23	17	17	09	13	08	06	08	00	02	04	02	02	197
	42	044	42	31	26	17	20	09	13	08	06	08	00	02	04	02	02	234
	43	048	46	33	27	17	20	09	13	08	06	08	00	02	04	02	02	245
	44	048	47	35	27	17	20	09	13	08	06	08	00	02	04	02	02	248

FREQUENCY ANALYSES
MACQUARIE ISLAND 1956

Screen Temperature v Dew Point Depression

	°F	Dew Point Depression 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>14	Total
Sep.	29	000	00	00	01	00	00	00	00	00	00	00	00	00	00	00	00	001
	30	000	01	01	01	00	00	00	00	00	00	00	00	00	00	00	00	003
	31	000	01	02	01	00	00	01	02	02	00	00	00	00	00	00	00	009
	32	000	01	02	01	02	02	02	02	04	00	01	00	00	00	00	00	017
	33	000	01	02	01	03	04	02	03	05	01	02	01	00	00	00	00	025
	34	000	01	02	01	03	04	02	03	07	03	02	01	00	01	00	00	030
	35	001	02	04	03	03	06	02	03	08	03	04	03	00	01	00	00	043
	36	001	02	07	05	07	08	02	04	09	04	05	05	01	01	00	00	061
	37	002	03	09	07	10	08	03	08	10	04	06	05	02	01	00	01	079
	38	007	05	12	07	14	08	03	09	11	05	06	06	04	01	00	01	099
	39	009	06	21	10	20	10	05	11	13	07	06	06	04	01	00	01	130
	40	019	10	24	12	26	10	05	12	14	07	06	07	04	01	00	01	158
	41	032	24	28	16	30	11	05	13	14	07	06	07	04	01	00	01	199
	42	038	41	30	16	31	12	05	13	14	07	06	07	04	01	00	01	226
	43	040	47	31	17	31	12	05	13	14	07	06	07	04	01	00	01	236
	44	041	50	31	17	31	12	05	13	14	07	06	07	04	01	00	01	240
Oct.	33	001	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	001
	34	002	00	03	00	00	00	00	00	00	00	00	00	00	00	00	00	005
	35	002	01	04	00	02	01	00	00	01	00	00	02	00	00	00	00	013
	36	003	01	09	03	02	04	01	00	03	00	01	02	01	01	00	00	031
	37	003	01	11	03	08	10	02	01	03	00	01	02	03	02	02	00	052
	38	004	01	11	07	09	14	07	05	04	01	03	02	03	03	03	00	077
	39	007	04	15	10	14	15	11	07	05	03	04	02	03	03	03	01	107
	40	009	07	22	11	20	15	14	09	06	04	04	03	03	03	03	01	134
	41	019	12	27	14	23	18	17	09	09	07	07	03	03	03	03	01	175
	42	038	21	31	17	26	19	19	09	09	07	07	03	04	03	03	01	217
	43	047	28	37	18	27	19	20	09	09	07	07	03	04	03	03	01	242
	44	047	29	38	19	27	19	20	09	09	07	07	03	04	03	03	01	245
	45	047	29	41	19	27	19	20	09	09	07	07	03	04	03	03	01	248
Nov.	34	000	01	00	00	09	00	01	00	01	03	00	00	00	00	00	00	006
	35	000	01	00	01	10	00	02	02	01	04	01	00	00	00	00	00	013
	36	000	01	00	02	10	03	03	04	02	04	02	00	01	00	00	00	023
	37	000	01	00	03	11	06	06	05	02	05	02	00	04	01	00	01	038
	38	000	01	02	03	14	06	06	06	03	07	05	00	05	02	01	01	053
	39	000	01	04	05	21	09	08	07	03	10	07	01	05	02	01	03	078
	40	000	01	06	07	26	10	12	07	04	12	10	03	05	02	01	05	102
	41	001	05	10	11	30	13	13	10	05	15	11	03	06	03	01	05	133
	42	003	10	19	11	30	18	15	11	06	16	12	03	06	03	01	05	160
	43	006	21	24	13	33	19	16	12	07	18	12	03	06	03	01	05	190
	44	009	26	33	15	38	21	18	14	07	18	13	03	06	03	01	05	221
	45	009	30	33	17	42	21	20	15	07	19	13	03	06	03	01	05	235
	46	009	30	33	18	42	22	20	16	07	19	13	03	06	03	01	05	238
	47	009	30	33	18	42	22	20	16	07	19	14	03	06	03	01	05	239
	48	009	31	33	18	42	22	20	16	07	19	14	03	06	03	01	05	240
Dec.	38	000	00	00	00	00	00	00	00	00	00	00	00	01	00	00	00	001
	39	000	00	00	00	00	01	00	02	01	00	01	00	01	01	00	01	008
	40	000	01	00	01	01	01	00	02	02	00	02	01	01	02	00	01	015
	41	000	01	00	04	02	02	00	02	02	00	03	01	01	02	00	01	021
	42	001	03	01	06	04	05	01	03	04	02	03	02	01	02	00	01	039
	43	002	07	05	09	05	05	03	05	04	03	03	02	02	02	00	01	058
	44	013	14	09	12	07	06	06	06	04	03	04	02	03	02	00	01	092
	45	034	30	22	18	12	10	08	09	05	03	04	02	03	04	00	01	165
	46	045	35	29	22	16	13	13	09	06	04	05	02	03	04	00	01	207
	47	049	37	36	26	22	15	14	10	06	04	05	02	03	04	00	01	234
	48	049	37	36	29	23	16	14	11	06	04	06	03	04	04	00	01	243
	49	049	37	36	29	24	17	14	11	06	04	06	03	04	04	00	01	245
	50	049	37	36	29	24	18	15	11	06	04	06	03	04	05	00	01	248

FREQUENCY ANALYSES
MACQUARIE ISLAND 1956

Direction and Speed of Surface Wind

	Direction x 10	Calm	1-9	10-19	20-29	30-39	40-49	≥50	Total
Jan.	35 36 01		03	12	04	01	00	00	020
	02 03 04		02	00	00	00	00	00	002
	05 06 07		04	00	00	00	00	00	004
	08 09 10		04	02	00	00	00	00	006
	11 12 13		02	04	03	00	00	00	009
	14 15 16		04	05	04	05	00	00	018
	17 18 19		02	01	00	00	00	00	003
	20 21 22		03	01	00	00	00	00	004
	23 24 25		00	04	01	00	00	00	005
	26 27 28		03	19	33	16	00	00	071
	29 30 31		09	26	18	05	00	00	058
	32 33 34		09	18	12	04	00	00	043
		05	45	92	75	31	00	00	248
Feb.	35 36 01		02	01	03	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		00	00	00	00	00	00	000
	11 12 13		00	00	00	00	00	00	000
	14 15 16		00	00	00	00	00	00	000
	17 18 19		01	00	00	00	00	00	001
	20 21 22		05	08	00	00	00	00	013
	23 24 25		07	11	00	00	00	00	018
	26 27 28		05	37	53	13	00	00	108
	29 30 31		02	15	38	08	00	00	063
	32 33 34		03	08	10	00	00	00	021
		01	25	80	104	22	00	00	232
Mar.	35 36 01		01	02	02	01	00	00	006
	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	00	00	00	00	000
	14 15 16		00	00	00	00	00	00	000
	17 18 19		02	03	01	00	00	00	006
	20 21 22		03	06	01	00	00	00	010
	23 24 25		01	10	02	00	00	00	013
	26 27 28		02	17	44	23	01	00	087
	29 30 31		07	32	40	07	00	00	086
	32 33 34		03	17	19	01	00	00	040
		00	19	87	109	32	01	00	248
Apr.	35 36 01		09	06	02	01	00	00	018
	02 03 04		08	01	01	00	00	00	010
	05 06 07		01	01	00	00	00	00	002
	08 09 10		03	06	00	00	00	00	009
	11 12 13		10	22	02	00	00	00	034
	14 15 16		05	02	00	00	00	00	007
	17 18 19		03	00	00	00	00	00	003
	20 21 22		00	00	00	00	00	00	000
	23 24 25		01	00	00	00	00	00	001
	26 27 28		04	04	07	01	00	00	016
	29 30 31		08	18	32	09	01	00	068
	32 33 34		07	15	23	11	01	00	057
		15	59	75	67	22	02	00	240

FREQUENCY ANALYSES
MACQUARIE ISLAND 1956

	Direction x 10	Calm	Direction and Speed of Surface Wind 1-9	10-19	20-29	30-39	40-49	≥50	Total
May.	35 36 01		03	05	00	00	00	00	008
	02 03 04		01	00	00	00	00	00	001
	05 06 07		00	00	00	00	00	00	000
	08 09 10		02	00	00	00	00	00	002
	11 12 13		04	04	00	00	00	00	008
	14 15 16		02	01	00	00	00	00	003
	17 18 19		06	07	00	00	00	00	013
	20 21 22		08	04	00	00	00	00	012
	23 24 25		08	03	02	00	00	00	013
	26 27 28		06	15	39	03	00	00	063
	29 30 31		05	19	21	02	00	00	047
	32 33 34		01	32	34	08	00	00	075
		03	46	90	96	13	00	00	248
Jun.	35 36 01		07	11	06	00	00	00	024
	02 03 04		02	01	00	00	00	00	003
	05 06 07		02	00	00	00	00	00	002
	08 09 10		02	01	00	00	00	00	003
	11 12 13		01	01	00	00	00	00	002
	14 15 16		00	02	00	00	00	00	002
	17 18 19		05	11	03	05	00	00	024
	20 21 22		03	00	00	00	00	00	003
	23 24 25		05	05	01	00	00	00	011
	26 27 28		00	15	19	02	01	00	037
	29 30 31		12	21	34	12	02	00	081
	32 33 34		09	18	14	01	00	00	042
		06	48	86	77	20	03	00	240
Jul.	35 36 01		06	07	07	03	00	00	023
	02 03 04		08	00	01	00	00	00	009
	05 06 07		01	00	00	00	00	00	001
	08 09 10		01	00	00	00	00	00	001
	11 12 13		04	00	00	00	00	00	004
	14 15 16		02	05	01	00	00	00	008
	17 18 19		10	09	00	00	01	00	020
	20 21 22		07	02	01	00	00	00	010
	23 24 25		05	04	00	00	00	00	009
	26 27 28		09	27	17	00	01	00	054
	29 30 31		06	10	32	16	00	00	064
	32 33 34		04	04	17	06	00	00	031
		14	63	68	76	25	02	00	248
Aug.	35 36 01		03	11	22	06	00	00	044
	02 03 04		01	01	00	00	00	00	002
	05 06 07		01	00	00	00	00	00	001
	08 09 10		01	00	00	00	00	00	001
	11 12 13		00	02	00	00	00	00	002
	14 15 16		03	04	01	00	00	00	008
	17 18 19		03	06	03	00	00	00	012
	20 21 22		01	05	01	00	00	00	007
	23 24 25		01	03	00	00	00	00	004
	26 27 28		04	16	13	00	00	00	033
	29 30 31		06	09	19	05	00	00	039
	32 33 34		02	29	40	18	02	00	091
		04	26	86	99	31	02	00	248

FREQUENCY ANALYSES
MACQUARIE ISLAND 1956

	Direction x 10	Calm	1-9	10-19	20-29	30-39	40-49	≥50	Total
			Direction and Speed of Surface Wind						
Sep.	35 36 01		06	08	06	03	01	00	024
	02 03 04		00	02	01	00	00	00	003
	05 06 07		00	00	00	00	00	00	000
	08 09 10		01	00	00	00	00	00	001
	11 12 13		02	00	00	00	00	00	002
	14 15 16		02	03	00	00	00	00	005
	17 18 19		01	11	00	00	00	00	012
	20 21 22		02	06	01	00	00	00	009
	23 24 25		02	04	01	00	00	00	007
	26 27 28		02	29	15	06	00	00	052
	29 30 31		07	25	27	08	00	00	067
	32 33 34		05	13	23	12	01	00	054
		04	30	01	74	29	02	00	240
Oct.	35 36 01		05	06	05	00	00	00	016
	02 03 04		00	00	01	00	00	00	001
	05 06 07		01	00	00	00	00	00	001
	08 09 10		01	00	00	00	00	00	001
	11 12 13		00	01	00	00	00	00	001
	14 15 16		01	08	00	00	00	00	009
	17 18 19		02	02	00	00	00	00	004
	20 21 22		05	02	00	00	00	00	007
	23 24 25		00	04	00	00	00	00	004
	26 27 28		03	31	20	01	00	00	055
	29 30 31		07	36	33	04	02	00	082
	32 33 34		08	24	23	08	00	00	063
		04	33	14	82	13	02	00	248
Nov.	35 36 01		02	06	05	00	00	00	013
	02 03 04		00	00	00	00	00	00	000
	05 06 07		01	01	00	00	00	00	002
	08 09 10		02	01	00	00	00	00	003
	11 12 13		10	17	02	00	00	00	029
	14 15 16		06	07	00	00	00	00	013
	17 18 19		07	12	04	00	00	00	023
	20 21 22		02	00	00	00	00	00	002
	23 24 25		04	01	00	00	00	00	005
	26 27 28		06	16	14	00	00	00	036
	29 30 31		10	19	23	00	00	00	052
	32 33 34		05	20	20	05	00	00	050
		12	55	00	68	05	00	00	240
Dec.	35 36 01		09	24	12	02	00	00	047
	02 03 04		08	03	01	00	00	00	012
	05 06 07		00	01	00	00	00	00	001
	08 09 10		04	02	00	00	00	00	006
	11 12 13		10	09	04	00	00	00	023
	14 15 16		05	05	04	00	00	00	014
	17 18 19		02	05	00	00	00	00	007
	20 21 22		06	00	00	00	00	00	006
	23 24 25		07	01	00	00	00	00	008
	26 27 28		05	14	08	00	00	00	027
	29 30 31		08	14	06	00	00	00	028
	32 33 34		17	36	11	01	00	00	065
		04	81	14	46	03	00	00	248

FREQUENCY ANALYSES
MACQUARIE ISLAND 1956

Results of Radiosonde Observations.

Temperature at 850 mb

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
5 1 2	0 0	0 0	0 0	0 0	0 0	0 1	0 1	0 2	0 0	0 0	0 0	0 0	0 0 4
5 0 9	0 0	0 0	0 0	0 0	0 1	0 3	0 7	0 4	0 4	0 4	0 3	0 0	0 2 6
5 0 6	0 0	0 3	0 4	0 2	0 7	0 4	1 2	0 6	0 9	1 1	0 9	0 0	0 6 7
5 0 3	0 6	0 8	1 4	1 0	1 1	1 2	2 0	1 6	1 3	1 6	1 8	0 4	1 4 8
0 0 0	1 5	1 3	2 2	1 3	2 2	2 4	2 8	3 0	2 2	2 3	2 5	1 5	2 5 2
0 0 3	2 1	2 2	2 3	2 3	2 9	2 9	3 1	3 1	2 7	2 9	3 0	2 7	3 2 2
0 0 6	2 4	2 7	3 0	2 9	3 1	3 0	3 1	3 1	3 0	3 1	3 0	3 1	3 5 5
0 0 9	3 0	2 8	3 1	3 0	3 1	3 0	3 1	3 1	3 0	3 1	3 0	3 1	3 6 4
0 1 2	3 1	2 9	3 1	3 0	3 1	3 0	3 1	3 1	3 0	3 1	3 0	3 1	3 6 6

Temperature at 700 mb

5 2 1	0 0	0 0	0 0	0 0	0 0	0 1	0 3	0 0	0 0	0 0	0 0	0 0	0 0 4
5 1 8	0 0	0 0	0 0	0 0	0 1	0 1	0 4	0 1	0 3	0 1	0 2	0 0	0 1 3
5 1 5	0 1	0 3	0 3	0 2	0 3	0 3	0 9	0 6	0 6	0 5	0 4	0 0	0 4 5
5 1 2	0 2	0 5	0 8	0 6	0 6	0 8	1 7	1 1	0 8	1 0	0 9	0 1	0 9 1
5 0 9	0 6	1 1	1 3	1 1	1 0	1 8	2 5	2 8	1 6	1 8	2 1	1 0	1 8 7
5 0 6	1 4	1 7	1 5	1 8	2 4	2 6	3 1	3 1	2 6	2 8	2 6	2 2	2 7 8
5 0 3	2 3	2 2	2 7	2 8	3 1	3 0	3 1	3 1	3 0	3 0	3 0	3 0	3 4 3
0 0 0	3 0	2 6	3 0	2 9	3 1	3 0	3 1	3 1	3 0	3 1	3 0	3 1	3 6 0
0 0 3	3 1	2 9	3 1	3 0	3 1	3 0	3 1	3 1	3 0	3 1	3 0	3 1	3 6 6

Temperature at 500 mb

5 4 2	0 0	0 0	0 0	0 0	0 0	0 0	0 1	0 0	0 0	0 0	0 0	0 0	0 0 1
5 3 9	0 0	0 0	0 0	0 0	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 0 2
5 3 6	0 0	0 0	0 1	0 0	0 1	0 1	0 3	0 1	0 0	0 1	0 0	0 0	0 0 8
5 3 3	0 1	0 1	0 1	0 3	0 2	0 3	0 8	0 5	0 2	0 2	0 1	0 0	0 2 9
5 3 0	0 3	0 3	0 3	0 4	0 5	0 4	1 6	1 3	0 8	0 5	0 6	0 2	0 7 2
5 2 7	0 3	0 5	0 7	0 6	0 9	1 3	2 0	2 8	1 1	1 3	1 3	0 9	1 3 7
5 2 4	1 0	0 7	1 2	1 4	1 8	2 2	3 0	3 1	2 1	1 9	2 0	1 5	2 1 9
5 2 1	1 5	1 4	1 8	2 0	3 0	2 9	3 1	3 1	2 8	3 0	3 0	2 6	3 0 2
5 1 8	2 3	2 4	2 7	2 7	3 1	3 0	3 1	3 1	3 0	3 1	3 0	3 1	3 4 6
5 1 5	2 8	2 7	2 9	2 9	3 1	3 0	3 1	3 1	3 0	3 1	3 0	3 1	3 5 8
5 1 2	3 1	2 8	3 1	2 9	3 1	3 0	3 1	3 1	3 0	3 1	3 0	3 1	3 6 4
5 0 9	3 1	2 9	3 1	3 0	3 1	3 0	3 1	3 1	3 0	3 1	3 0	3 1	3 6 6

Temperature at 300 mb

5 6 0	0 0	0 0	0 0	0 0	0 0	0 0	0 2	0 2	0 0	0 0	0 0	0 0	0 0 4
5 5 7	0 0	0 0	0 0	0 0	0 1	0 5	1 1	1 5	0 0	0 0	0 0	0 0	0 3 2
5 5 4	0 0	0 0	0 0	0 0	0 6	1 3	2 1	2 6	0 5	0 3	0 2	0 3	0 7 9
5 5 1	0 2	0 2	0 2	0 6	2 2	2 6	2 9	2 9	2 0	1 6	1 0	0 8	1 7 2
5 4 8	1 0	0 8	0 9	2 0	2 6	3 0	3 1	3 1	2 9	2 6	2 2	2 1	2 6 3
5 4 5	1 5	1 5	1 9	2 8	3 0	3 0	3 1	3 1	3 0	3 1	2 8	2 7	3 1 5
5 4 2	2 2	2 3	2 6	2 9	3 1	3 0	3 1	3 1	3 0	3 1	2 9	3 0	3 4 3
5 3 9	2 8	2 6	3 0	3 0	3 1	3 0	3 1	3 1	3 0	3 1	3 0	3 1	3 5 9
5 3 6	3 0	2 9	3 1	3 0	3 1	3 0	3 1	3 1	3 0	3 1	3 0	3 1	3 6 5
5 3 3	3 0	2 9	3 1	3 0	3 1	3 0	3 1	3 1	3 0	3 1	3 0	3 1	3 6 5
5 3 0	3 1	2 9	3 1	3 0	3 1	3 0	3 1	3 1	3 0	3 1	3 0	3 1	3 6 6

FREQUENCY ANALYSES
MACQUARIE ISLAND 1956

Temperature at 200 mb

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
572	00	00	00	00	00	01	01	01	00	00	00	00	003
569	00	00	00	00	01	02	03	01	00	00	00	00	007
566	00	00	00	00	08	06	05	02	02	01	00	00	024
563	02	00	03	01	12	09	10	07	06	03	00	00	053
560	04	02	04	02	19	13	20	09	09	04	01	00	087
557	07	02	08	05	23	19	21	14	12	08	02	00	121
554	11	09	11	11	26	24	25	20	16	11	03	05	172
551	12	12	15	17	28	28	28	27	21	17	08	11	224
548	15	16	18	28	29	30	31	28	25	24	13	15	272
545	21	23	23	29	31	30	31	31	28	29	18	20	314
542	29	25	29	30	31	30	31	31	30	31	27	24	348
539	31	28	31	30	31	30	31	31	30	31	29	30	363
536	31	28	31	30	31	30	31	31	30	31	30	30	364

Temperature at 150 mb

563	00	00	00	00	00	03	03	00	00	00	00	00	006
560	00	00	01	00	06	05	09	00	01	00	00	00	022
557	00	05	07	01	14	10	13	05	05	00	00	00	060
554	05	08	08	09	26	21	23	13	10	05	01	01	130
551	10	13	15	18	27	27	26	24	16	11	04	04	195
548	17	20	18	27	31	30	31	28	22	22	09	13	268
545	25	27	27	30	31	30	31	30	29	29	16	21	326
542	31	28	30	30	31	30	31	30	30	31	29	25	356
539	31	28	30	30	31	30	31	30	30	31	30	30	362

Temperature at 100 mb

563	00	00	00	00	00	01	02	00	00	00	00	00	003
560	00	00	00	00	02	04	07	00	00	00	00	00	013
557	00	00	02	00	16	06	16	03	00	00	00	00	043
554	00	04	07	10	25	19	22	05	05	00	00	00	097
551	08	15	13	20	29	27	28	17	10	02	01	02	172
548	15	19	25	27	29	28	31	26	17	13	04	08	242
545	28	24	29	28	29	28	31	29	22	26	14	21	309
542	30	27	30	28	29	28	31	29	30	29	29	26	346
539	30	27	30	28	29	28	31	29	30	30	30	29	351

Temperature at Tropopause

572	00	00	00	00	00	01	01	00	00	00	00	00	002
569	00	00	00	00	03	08	05	01	02	00	00	00	019
566	01	00	01	01	15	09	11	08	05	03	00	00	054
563	02	01	03	02	19	18	21	11	10	04	03	02	096
560	07	03	07	09	24	22	23	19	15	10	07	02	148
557	08	10	14	13	26	26	24	24	18	16	12	08	199
554	14	14	15	24	28	29	29	27	21	22	16	19	258
551	19	18	21	27	29	29	30	28	26	26	22	23	298
548	28	24	24	30	30	30	31	30	29	27	26	26	335
545	28	26	26	30	31	30	31	30	30	31	28	29	350
542	29	28	31	30	31	30	31	30	30	31	29	30	360
539	31	28	31	30	31	30	31	30	30	31	29	31	363
536	31	28	31	30	31	30	31	30	30	31	30	31	364

FREQUENCY ANALYSES
MACQUARIE ISLAND 1956

Geopotential at 850 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
110	00	00	00	01	00	03	01	02	00	01	00	01	009
115	01	00	02	04	00	03	02	05	01	03	02	04	027
120	01	03	03	05	03	08	07	09	02	04	06	09	060
125	07	08	06	09	05	15	11	17	09	07	11	15	120
130	13	13	10	12	07	17	16	20	15	19	18	21	181
135	19	16	18	15	11	21	21	24	21	23	24	25	238
140	26	19	21	22	16	25	26	28	23	30	28	31	295
145	31	23	26	27	25	28	28	31	25	31	30	31	336
150	31	27	31	29	29	30	30	31	28	31	30	31	358
155	31	29	31	30	30	30	31	31	29	31	30	31	364
160	31	29	31	30	31	30	31	31	30	31	30	31	366

Geopotential at 700 mb

260	00	00	00	00	00	01	01	04	00	01	00	00	007
265	00	00	01	02	00	03	04	05	02	01	02	01	021
270	01	02	02	04	03	08	06	08	03	04	05	06	052
275	03	07	05	07	04	13	11	17	05	08	11	12	103
280	09	10	09	10	06	18	16	19	14	14	18	16	159
285	17	15	16	14	06	21	21	22	20	20	22	23	217
290	19	15	19	16	14	23	25	27	23	26	26	27	260
295	24	19	23	24	20	26	27	30	24	31	29	31	308
300	30	21	27	27	25	30	29	31	26	31	30	31	338
305	31	26	29	28	29	30	31	31	28	31	30	31	355
310	31	29	31	30	31	30	31	31	29	31	30	31	365
315	31	29	31	30	31	30	31	31	30	31	30	31	366

Geopotential at 500 mb

500	00	00	00	00	00	00	02	01	00	00	00	00	003
505	00	00	00	00	00	00	03	04	02	01	00	00	010
510	00	00	00	01	01	02	04	04	02	01	00	00	015
515	00	01	01	02	03	05	06	07	03	02	03	01	034
520	01	02	01	04	03	08	08	11	05	04	06	05	058
525	03	05	04	07	05	11	11	18	06	08	10	09	097
530	05	09	11	09	05	14	16	19	11	13	16	14	142
535	12	11	13	11	06	19	23	21	15	18	20	17	186
540	16	15	16	13	10	22	25	27	23	23	23	21	234
545	18	16	18	15	14	25	27	30	23	27	25	24	262
550	21	18	21	24	22	27	29	31	24	31	28	30	306
555	24	18	23	25	28	30	30	31	27	31	30	31	328
560	29	23	27	27	29	30	31	31	28	31	30	31	347
565	31	27	30	30	31	30	31	31	28	31	30	31	361
570	31	28	31	30	31	30	31	31	30	31	30	31	365
575	31	29	31	30	31	30	31	31	30	31	30	31	366

FREQUENCY ANALYSES
MACQUARIE ISLAND 1956

Geopotential at 300 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
840	00	00	00	00	00	00	01	03	00	00	00	00	004
850	00	00	00	01	01	01	05	05	02	01	00	00	016
860	00	01	00	01	03	04	07	08	03	02	02	00	031
870	01	02	02	07	05	10	13	17	06	07	10	06	086
880	04	05	07	09	06	17	22	22	10	13	13	13	141
890	10	09	13	12	10	23	26	30	23	21	23	17	217
900	16	15	17	18	18	27	29	31	24	29	25	24	273
910	19	18	21	22	28	30	31	31	28	31	30	30	319
920	25	22	27	27	31	30	31	31	28	31	30	31	344
930	31	26	30	30	31	30	31	31	30	31	30	31	362
940	31	29	31	30	31	30	31	31	30	31	30	31	366

Geopotential at 200 mb

1100	00	00	00	00	00	00	00	02	00	00	00	00	002
1110	00	00	00	00	00	02	05	06	00	00	00	00	013
1120	00	00	00	01	02	08	12	16	02	01	00	00	042
1130	00	01	00	02	05	14	22	20	06	05	05	00	080
1140	00	03	01	08	08	22	26	29	16	13	09	05	140
1150	05	06	08	11	16	26	29	31	22	21	20	12	207
1160	12	10	16	18	25	29	31	31	26	29	25	24	276
1170	18	14	21	24	31	30	31	31	28	31	30	29	318
1180	27	22	26	28	31	30	31	31	30	31	30	30	347
1190	29	24	30	30	31	30	31	31	30	31	30	30	357
1200	31	27	30	30	31	30	31	31	30	31	30	30	362
1210	31	28	31	30	31	30	31	31	30	31	30	30	364

Geopotential at 150 mb

1280	00	00	00	00	00	00	00	01	00	00	00	00	001
1290	00	00	00	00	00	00	00	04	00	00	00	00	004
1300	00	00	00	00	00	04	10	08	00	00	00	00	022
1310	00	00	00	00	03	13	22	18	04	02	00	00	062
1320	00	00	00	02	08	23	26	25	12	04	02	00	102
1330	00	03	00	08	15	24	31	29	19	18	09	05	161
1340	03	06	08	17	25	30	31	30	25	24	21	13	233
1350	11	09	17	22	31	30	31	30	26	30	26	26	289
1360	22	16	26	25	31	30	31	30	30	31	30	30	332
1370	29	23	29	29	31	30	31	30	30	31	30	30	353
1380	31	27	29	30	31	30	31	30	30	31	30	30	360
1390	31	28	30	30	31	30	31	30	30	31	30	30	362

FREQUENCY ANALYSES
MACQUARIE ISLAND 1956

Geopotential at 100 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1540	00	00	00	00	00	00	00	02	00	00	00	00	002
1550	00	00	00	00	00	01	04	04	00	00	00	00	009
1560	00	00	00	00	00	06	11	05	00	00	00	00	022
1570	00	00	00	00	03	16	25	16	02	00	00	00	062
1580	00	00	00	00	10	21	31	24	10	02	00	00	098
1590	00	00	00	05	17	25	31	28	16	09	02	00	133
1600	00	03	01	15	26	28	31	29	18	20	09	01	181
1610	03	07	14	21	29	28	31	29	26	24	20	14	246
1620	16	13	25	24	29	28	31	29	30	29	29	29	312
1630	26	25	29	27	29	28	31	29	30	30	30	29	343
1640	30	27	30	28	29	28	31	29	30	30	30	29	351

Geopotential at Tropopause

0550	00	00	00	00	00	00	00	00	00	00	01	00	001
0600	00	00	00	00	00	00	00	00	00	00	01	00	001
0650	00	00	00	00	00	00	00	00	00	00	01	00	001
0700	01	00	00	00	01	00	00	00	00	01	01	00	004
0750	02	00	03	00	02	00	00	01	01	02	02	02	015
0800	02	02	04	01	02	01	01	02	01	02	02	04	024
0850	03	05	04	02	03	04	02	03	03	03	05	07	044
0900	07	07	09	05	04	05	04	08	07	10	11	13	090
0950	11	07	10	06	06	06	09	10	09	12	14	16	116
1000	15	10	11	14	08	11	12	19	15	15	17	18	165
1050	18	13	15	17	08	17	18	25	21	22	23	23	220
1100	19	16	17	24	19	23	24	28	25	28	29	29	281
1150	24	21	21	27	28	26	29	28	29	31	29	30	323
1200	25	21	24	29	31	26	29	28	29	31	29	31	333
1250	28	23	26	29	31	28	29	28	29	31	29	31	342
1300	28	25	27	29	31	28	29	28	30	31	29	31	346
1350	29	25	27	29	31	28	29	29	30	31	29	31	348
1400	30	27	30	29	31	28	29	29	30	31	29	31	354
1450	31	27	31	30	31	28	29	29	30	31	30	31	358
1500	31	28	31	30	31	28	29	29	30	31	30	31	359
1550	31	28	31	30	31	28	29	29	30	31	30	31	359
1600	31	28	31	30	31	28	29	30	30	31	30	31	360
1650	31	28	31	30	31	30	30	30	30	31	30	31	363
1700	31	28	31	30	31	30	30	30	30	31	30	31	363
1750	31	28	31	30	31	30	31	30	30	31	30	31	364

Pressure at Tropopause

100	01	00	00	00	00	01	02	01	01	00	00	00	006
150	03	03	04	01	00	01	02	02	01	00	01	00	018
200	07	07	09	02	04	04	02	02	02	00	01	00	040
250	16	17	20	16	23	21	20	16	17	14	10	10	200
300	25	23	27	27	28	28	29	26	25	26	20	23	307
350	29	28	29	30	29	30	31	29	29	29	28	28	349
400	31	28	31	30	31	30	31	30	30	31	29	31	363
450	31	28	31	30	31	30	31	30	30	31	30	31	364

FREQUENCY ANALYSES
MAWSON 1956

Station Level Pressure

Upper Limit Range - mb	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
945	000	000	000	000	000	000	000	000	000	001	000	000	0001
950	000	000	000	000	000	000	000	000	000	002	000	000	0002
955	000	000	000	000	000	000	000	000	000	004	000	000	0004
960	000	000	000	000	000	000	000	000	000	010	000	000	0010
965	000	000	000	000	002	002	000	000	000	016	000	000	0020
970	000	000	000	002	006	012	001	005	007	040	000	000	0073
975	000	000	005	007	010	022	021	027	028	074	018	000	0212
980	005	025	016	030	030	034	064	076	072	138	049	000	0539
985	015	074	064	069	073	067	103	122	120	214	104	008	1033
990	055	148	106	137	134	122	127	165	158	236	149	060	1595
995	112	207	191	181	171	168	154	192	199	247	195	116	2133
1000	177	231	234	212	189	216	187	213	216	248	229	219	2571
1005	229	232	241	231	227	239	218	237	239	248	240	248	2829
1010	247	232	248	237	234	240	230	248	240	248	240	248	2892
1015	248	232	248	240	235	240	234	248	240	248	240	248	2901
1020	248	232	248	240	240	240	239	248	240	248	240	248	2911
1025	248	232	248	240	248	240	246	248	240	248	240	248	2926
1030	248	232	248	240	248	240	248	248	240	248	240	248	2928

Maximum Temperature

Upper Limit Range - °F													
522	00	00	00	00	00	00	00	01	00	00	00	00	001
517	00	00	00	00	00	00	01	01	00	00	00	00	002
516	00	00	00	00	00	00	01	02	00	00	00	00	003
515	00	00	00	00	00	00	01	03	00	00	00	00	004
513	00	00	00	00	00	00	02	04	00	00	00	00	006
511	00	00	00	00	00	03	05	06	00	00	00	00	014
510	00	00	00	00	00	03	05	07	00	00	00	00	015
509	00	00	00	00	00	04	06	08	00	00	00	00	018
508	00	00	00	00	01	04	06	10	00	00	00	00	021
507	00	00	00	00	02	04	06	11	03	00	00	00	026
506	00	00	00	00	02	05	07	12	03	00	00	00	029
505	00	00	00	00	03	05	08	13	04	00	00	00	033
504	00	00	00	00	03	05	09	17	04	00	00	00	038
503	00	00	00	00	04	05	09	17	05	00	00	00	040
502	00	00	00	00	06	06	10	18	06	00	00	00	046
501	00	00	00	00	07	06	11	18	07	00	00	00	049
500	00	00	00	00	07	06	11	19	07	00	00	00	050
001	00	00	00	00	07	06	11	19	08	01	00	00	052
002	00	00	00	00	07	07	12	20	10	01	00	00	057
003	00	00	00	01	07	08	12	21	10	01	00	00	060
004	00	00	00	01	07	08	12	22	14	01	00	00	065
005	00	00	00	04	07	08	14	22	17	02	00	00	074
006	00	00	00	04	09	08	14	23	20	02	00	00	080
007	00	00	00	05	11	12	14	25	21	04	00	00	092
008	00	00	01	06	12	14	14	26	21	06	00	00	100
009	00	00	02	07	13	17	15	26	21	07	00	00	108
010	00	00	02	09	14	20	17	26	21	10	00	00	119
011	00	00	03	10	15	21	18	29	23	12	00	00	131
012	00	00	06	11	17	22	19	29	23	15	00	00	142
013	00	00	06	13	17	25	20	30	24	16	00	00	151
014	00	00	11	13	19	25	23	30	27	16	00	00	164
015	00	00	11	17	21	25	24	30	27	20	00	00	175
016	00	00	14	19	23	25	26	31	29	21	00	00	188
017	00	00	16	20	23	26	26	31	30	25	00	00	197
018	00	01	18	20	27	28	26	31	30	28	01	00	210
019	00	01	23	21	27	29	27	31	30	30	03	00	222
020	00	01	24	23	27	29	27	31	30	31	05	00	228
021	00	01	26	24	27	29	27	31	30	31	06	00	232
022	00	01	28	25	30	30	28	31	30	31	06	00	240
023	00	02	29	28	31	30	29	31	30	31	08	00	249
024	00	03	29	28	31	30	29	31	30	31	09	00	251
025	00	04	30	29	31	30	29	31	30	31	11	00	256
026	00	04	30	29	31	30	29	31	30	31	12	00	257
027	00	05	30	29	31	30	29	31	30	31	14	00	260
028	00	06	31	30	31	30	29	31	30	31	17	00	266
029	00	07	31	30	31	30	29	31	30	31	20	00	270
030	01	09	31	30	31	30	30	31	30	31	21	00	275
031	02	11	31	30	31	30	31	31	30	31	23	01	282
032	02	12	31	30	31	30	31	31	30	31	24	01	284
033	05	18	31	30	31	30	31	31	30	31	24	03	295
034	07	23	31	30	31	30	31	31	30	31	25	05	305
035	11	24	31	30	31	30	31	31	30	31	28	06	314
036	11	26	31	30	31	30	31	31	30	31	30	07	319
037	15	28	31	30	31	30	31	31	30	31	30	13	331
038	16	29	31	30	31	30	31	31	30	31	30	16	336
039	16	29	31	30	31	30	31	31	30	31	30	18	338
040	17	29	31	30	31	30	31	31	30	31	30	19	340
041	20	29	31	30	31	30	31	31	30	31	30	22	346
042	23	29	31	30	31	30	31	31	30	31	30	22	349
043	24	29	31	30	31	30	31	31	30	31	30	25	353
044	29	29	31	30	31	30	31	31	30	31	30	27	360
045	31	29	31	30	31	30	31	31	30	31	30	29	364
046	31	29	31	30	31	30	31	31	30	31	30	30	365
047	31	29	31	30	31	30	31	31	30	31	30	31	366

FREQUENCY ANALYSES
MAWSON 1956

Minimum Temperature

Upper Limit Range °F	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
530	00	00	00	00	00	00	00	01	00	00	00	00	001
527	00	00	00	00	00	00	00	02	00	00	00	00	002
524	00	00	00	00	00	00	00	03	00	00	00	00	003
523	00	00	00	00	00	00	01	05	00	00	00	00	006
522	00	00	00	00	00	00	02	05	00	00	00	00	007
521	00	00	00	00	00	00	04	07	00	00	00	00	011
520	00	00	00	00	00	00	05	08	00	00	00	00	013
519	00	00	00	00	00	00	07	08	01	00	00	00	016
518	00	00	00	00	00	00	07	11	01	00	00	00	019
517	00	00	00	00	00	04	10	11	01	00	00	00	026
516	00	00	00	00	00	04	10	12	01	00	00	00	027
515	00	00	00	00	00	05	11	12	04	00	00	00	032
514	00	00	00	00	03	06	12	14	04	00	00	00	039
513	00	00	00	00	03	07	12	14	05	00	00	00	041
512	00	00	00	00	03	07	12	15	06	00	00	00	043
511	00	00	00	00	04	07	12	18	08	01	00	00	050
510	00	00	00	00	04	07	12	19	08	01	00	00	051
509	00	00	00	00	05	07	14	20	10	01	00	00	057
508	00	00	00	00	06	07	14	20	10	02	00	00	059
507	00	00	00	00	07	07	14	24	10	02	00	00	064
506	00	00	00	00	07	08	14	24	11	02	00	00	066
505	00	00	00	01	08	10	14	24	14	03	00	00	074
504	00	00	01	02	08	11	14	24	17	05	00	00	082
503	00	00	02	04	11	12	15	24	21	07	00	00	096
502	00	00	03	06	12	13	16	25	24	12	00	00	111
501	00	00	04	08	13	13	18	25	25	13	00	00	119
500	00	00	04	08	13	14	19	25	25	13	00	00	121
000	00	00	06	08	14	14	19	25	25	13	00	00	124
001	00	00	08	10	14	17	19	25	25	15	00	00	133
002	00	00	10	10	14	18	20	27	26	17	00	00	142
003	00	00	12	13	15	21	20	29	26	19	00	00	155
004	00	00	14	14	16	23	21	30	29	20	00	00	167
005	00	00	16	15	18	24	21	30	29	21	02	00	176
006	00	00	17	15	20	24	23	30	29	21	02	00	181
007	00	00	20	15	21	26	24	30	29	21	02	00	188
008	00	00	20	16	24	29	26	30	29	22	03	00	199
009	00	00	22	20	25	29	27	30	29	24	03	00	209
010	00	00	23	21	27	29	27	30	29	25	03	00	214
011	00	01	26	23	27	29	28	31	29	27	06	00	227
012	00	01	27	23	27	29	29	31	29	27	06	00	229
013	00	01	28	24	28	29	29	31	30	29	07	00	236
014	00	03	29	24	29	29	30	31	30	30	08	00	243
015	00	03	29	25	30	29	31	31	30	31	09	00	248
016	00	03	30	28	31	30	31	31	30	31	11	00	256
017	00	03	31	29	31	30	31	31	30	31	15	00	262
018	00	04	31	30	31	30	31	31	30	31	17	00	266
019	01	05	31	30	31	30	31	31	30	31	18	00	269
020	04	08	31	30	31	30	31	31	30	31	21	00	278
021	06	13	31	30	31	30	31	31	30	31	25	00	289
022	09	14	31	30	31	30	31	31	30	31	26	00	294
023	09	16	31	30	31	30	31	31	30	31	28	01	299
024	12	18	31	30	31	30	31	31	30	31	28	02	305
025	13	20	31	30	31	30	31	31	30	31	29	06	313
026	14	24	31	30	31	30	31	31	30	31	29	10	322
027	14	25	31	30	31	30	31	31	30	31	30	12	326
028	15	25	31	30	31	30	31	31	30	31	30	15	331
029	16	28	31	30	31	30	31	31	30	31	30	15	334
030	18	28	31	30	31	30	31	31	30	31	30	20	341
031	18	28	31	30	31	30	31	31	30	31	30	23	344
032	18	29	31	30	31	30	31	31	30	31	30	23	345
033	22	29	31	30	31	30	31	31	30	31	30	26	352
034	25	29	31	30	31	30	31	31	30	31	30	27	356
035	29	29	31	30	31	30	31	31	30	31	30	30	363
036	30	29	31	30	31	30	31	31	30	31	30	30	364
037	30	29	31	30	31	30	31	31	30	31	30	31	365
039	31	29	31	30	31	30	31	31	30	31	30	31	366

FREQUENCY ANALYSES
MAWSON 1956

Speed of Maximum Wind Gust

Upper Limit Range - Knots	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
10	00	00	00	00	00	00	00	00	00	00	00	00	000
20	00	00	00	00	00	02	01	01	01	00	00	03	008
30	04	02	04	02	01	05	02	09	09	02	02	07	049
40	14	09	17	12	12	14	15	24	18	12	15	21	183
50	26	21	26	16	18	20	21	26	21	20	21	29	265
60	29	25	28	22	24	24	26	26	25	22	23	31	305
70	31	28	30	25	26	24	29	26	25	24	27	31	326
80	31	29	31	28	26	24	31	26	25	25	27	31	334
90	31	29	31	29	26	24	31	26	25	25	27	31	335

Daily Duration of Sunshine

Upper Limit Range - Hours													
00	02	01	05	13	19	28	20	07	09	12	06	02	124
01	03	08	05	15	19	30	22	09	11	13	08	04	147
02	04	12	07	15	20	30	26	09	11	14	11	06	165
03	04	13	07	16	23	30	28	09	12	15	12	08	177
04	08	14	07	22	24	30	30	13	12	15	12	09	196
05	09	16	08	23	25	30	31	16	12	16	13	10	209
06	09	16	10	25	28	30	31	22	13	16	14	10	224
07	09	19	10	28	31	30	31	27	16	17	14	10	242
08	10	20	13	29	31	30	31	28	17	17	15	11	252
09	11	21	16	30	31	30	31	30	23	18	16	12	269
10	11	22	19	30	31	30	31	31	30	19	17	13	284
11	11	22	21	30	31	30	31	31	30	19	18	14	288
12	13	22	25	30	31	30	31	31	30	22	18	15	298
13	13	22	28	30	31	30	31	31	30	24	19	16	305
14	14	23	31	30	31	30	31	31	30	27	19	17	314
15	16	24	31	30	31	30	31	31	30	29	20	18	321
16	18	27	31	30	31	30	31	31	30	31	24	21	335
17	19	27	31	30	31	30	31	31	30	31	26	23	340
18	23	29	31	30	31	30	31	31	30	31	30	25	352
19	28	29	31	30	31	30	31	31	30	31	30	31	363
20	31	29	31	30	31	30	31	31	30	31	30	31	366

FREQUENCY ANALYSES

MAWSON 1956

Terrestrial Minimum Temperature

Upper Limit Range - °F	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
53 1	00	00	00	00	00	00	00	01	00	00	00	00	001
52 8	00	00	00	00	00	00	00	02	00	00	00	00	002
52 6	00	00	00	00	00	00	01	02	00	00	00	00	003
52 5	00	00	00	00	00	00	02	03	00	00	00	00	005
52 4	00	00	00	00	00	00	03	05	00	00	00	00	008
52 3	00	00	00	00	00	00	03	08	00	00	00	00	011
52 2	00	00	00	00	00	00	05	08	01	00	00	00	014
52 1	00	00	00	00	00	00	07	10	01	00	00	00	018
52 0	00	00	00	00	00	00	08	12	01	00	00	00	021
51 9	00	00	00	00	00	04	09	12	02	00	00	00	027
51 8	00	00	00	00	00	04	11	12	02	00	00	00	029
51 7	00	00	00	00	01	05	11	13	03	00	00	00	033
51 6	00	00	00	00	03	05	12	14	04	00	00	00	038
51 5	00	00	00	00	03	06	12	15	05	00	00	00	041
51 4	00	00	00	00	03	07	12	15	06	00	00	00	043
51 3	00	00	00	00	03	07	13	16	07	01	00	00	047
51 2	00	00	00	00	03	07	13	19	08	01	00	00	051
51 1	00	00	00	00	06	07	13	19	09	01	00	00	055
51 0	00	00	01	00	06	07	14	20	10	01	00	00	059
50 9	00	00	02	02	07	08	14	22	10	02	00	00	067
50 8	00	00	02	04	07	09	14	24	11	02	00	00	073
50 7	00	00	03	08	07	09	14	24	13	02	00	00	080
50 6	00	00	04	08	09	11	15	24	17	05	00	00	093
50 5	00	00	08	09	11	12	15	24	19	08	00	00	106
50 4	00	00	09	09	12	12	16	25	22	10	00	00	115
50 3	00	00	10	10	14	13	17	25	24	13	00	00	126
50 2	00	00	13	11	15	15	18	25	25	15	00	00	137
50 1	00	00	14	13	15	15	20	25	25	15	00	00	142
50 0	00	00	14	13	15	15	20	25	25	16	00	00	143
00 0	00	00	14	14	15	17	20	25	25	17	00	00	147
00 1	00	00	18	15	16	18	21	27	26	19	00	00	160
00 2	00	00	20	15	16	21	21	29	28	20	00	00	170
00 3	00	00	20	17	19	22	21	30	28	20	01	00	178
00 4	00	00	23	18	19	24	21	30	29	21	02	00	187
00 5	00	00	23	18	21	24	24	30	29	21	02	00	192
00 6	00	01	25	19	23	27	26	30	29	22	02	00	204
00 7	00	01	27	20	24	29	27	30	29	22	03	00	212
00 8	00	01	28	20	27	29	27	30	29	22	03	00	216
00 9	00	03	29	22	28	29	27	30	29	25	03	00	225
01 0	00	03	29	22	28	29	29	31	29	26	06	00	232
01 1	01	03	31	24	28	29	29	31	29	29	06	00	240
01 2	01	03	31	25	30	29	29	31	30	29	08	00	246
01 3	01	04	31	26	30	29	30	31	30	30	10	00	252
01 4	01	05	31	27	31	29	31	31	30	31	12	00	259
01 5	02	07	31	27	31	29	31	31	30	31	13	00	263
01 6	04	11	31	27	31	30	31	31	30	31	15	00	272
01 7	07	14	31	27	31	30	31	31	30	31	17	00	280
01 8	07	15	31	27	31	30	31	31	30	31	20	00	284
01 9	08	16	31	27	31	30	31	31	30	31	20	00	286
02 0	10	19	31	27	31	30	31	31	30	31	24	00	295
02 1	12	20	31	27	31	30	31	31	30	31	25	00	299
02 2	14	25	31	27	31	30	31	31	30	31	27	00	308
02 3	14	25	31	27	31	30	31	31	30	31	27	04	312
02 4	14	26	31	27	31	30	31	31	30	31	28	05	315
02 5	15	28	31	27	31	30	31	31	30	31	29	10	324
02 6	15	28	31	27	31	30	31	31	30	31	29	12	326
02 7	18	29	31	27	31	30	31	31	30	31	29	14	332
02 8	19	29	31	27	31	30	31	31	30	31	29	15	334
02 9	19	29	31	27	31	30	31	31	30	31	29	18	337
03 0	22	29	31	27	31	30	31	31	30	31	29	23	345
03 1	27	29	31	27	31	30	31	31	30	31	29	24	351
03 2	28	29	31	27	31	30	31	31	30	31	29	26	354
03 3	29	29	31	27	31	30	31	31	30	31	29	28	357
03 4	29	29	31	27	31	30	31	31	30	31	29	29	358
03 5	30	29	31	27	31	30	31	31	30	31	29	30	360
03 6	30	29	31	27	31	30	31	31	30	31	29	31	361
03 7	31	29	31	27	31	30	31	31	30	31	29	31	362

FREQUENCY ANALYSES
MAWSON 1956

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
Jan.	0 1 9	0 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 1	0 0	0 0	0 0	0 0 1
	0 2 1	0 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 2	0 1	0 2	0 1	0 0 6
	0 2 2	0 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 1	0 1	0 0	0 1	0 2	0 2	0 2	0 1	0 1 0
	0 2 3	0 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 1	0 1	0 0	0 5	0 3	0 3	0 3	0 1	0 1 7
	0 2 4	0 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 1	0 1	0 0	0 5	0 3	0 3	0 4	0 4	0 2 1
	0 2 5	0 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 1	0 1	0 1	0 5	0 8	0 5	0 4	0 5	0 3 0
	0 2 6	0 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 2	0 2	0 2	0 5	0 8	0 6	0 6	0 6	0 3 7
	0 2 7	0 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 2	0 2	0 3	0 6	0 9	0 9	0 8	0 7	0 4 6
	0 2 8	0 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 2	0 2	0 3	0 7	0 9	1 1	0 9	0 8	0 5 1
	0 2 9	0 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 3	0 3	0 3	0 7	1 1	1 4	1 2	0 9	0 6 2
	0 3 0	0 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 3	0 3	0 5	0 7	1 2	1 4	1 4	1 2	0 7 0
	0 3 1	0 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 3	0 3	0 7	1 0	1 3	2 1	1 4	1 3	0 8 4
	0 3 2	0 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 4	0 4	0 7	1 0	1 5	2 9	1 4	1 6	0 9 9
	0 3 3	0 0 0	0 0	0 1	0 0	0 0	0 0	0 0	0 0	0 4	0 4	0 9	1 1	1 5	3 0	1 7	1 9	1 1 0
	0 3 4	0 0 0	0 0	0 1	0 0	0 1	0 0	0 0	0 0	0 4	0 5	1 1	1 3	1 9	3 0	1 8	2 3	1 2 5
	0 3 5	0 0 0	0 0	0 1	0 1	0 2	0 1	0 0	0 0	0 4	0 6	1 2	1 4	1 9	3 3	2 1	2 8	1 4 2
	0 3 6	0 0 0	0 0	0 1	0 1	0 2	0 3	0 0	0 0	0 4	0 7	1 5	1 5	1 9	3 4	2 1	3 1	1 5 3
	0 3 7	0 0 0	0 0	0 1	0 1	0 3	0 6	0 3	0 2	0 4	0 7	1 6	1 5	1 9	3 4	2 3	3 8	1 7 2
	0 3 8	0 0 0	0 0	0 2	0 1	0 3	0 6	0 3	0 4	0 4	0 8	1 8	1 6	1 9	3 4	2 5	4 2	1 8 5
	0 3 9	0 0 0	0 0	0 2	0 1	0 3	0 6	0 4	0 5	0 5	0 8	1 8	1 6	2 0	3 4	2 6	4 7	1 9 5
	0 4 0	0 0 0	0 0	0 2	0 1	0 3	0 6	0 5	0 5	0 5	0 8	1 8	1 7	2 3	3 5	2 8	5 3	2 0 9
	0 4 1	0 0 0	0 0	0 2	0 1	0 3	0 6	0 6	0 5	0 5	0 8	1 8	1 7	2 4	3 6	2 9	6 0	2 2 0
	0 4 2	0 0 0	0 0	0 2	0 1	0 3	0 6	0 6	0 6	0 7	0 8	1 8	1 7	2 5	3 6	3 3	6 5	2 3 3
	0 4 3	0 0 0	0 0	0 2	0 1	0 3	0 6	0 6	0 6	0 7	0 8	1 8	1 7	2 5	3 6	3 4	7 5	2 4 4
	0 4 4	0 0 0	0 0	0 2	0 1	0 3	0 6	0 6	0 6	0 7	0 8	1 8	1 7	2 5	3 6	3 4	7 8	2 4 7
	0 4 5	0 0 0	0 0	0 2	0 1	0 3	0 6	0 6	0 6	0 7	0 8	1 8	1 7	2 5	3 6	3 4	7 9	2 4 8

Feb.	0 1 2	0 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 2	0 0 2
	0 1 3	0 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 4	0 0 4
	0 1 4	0 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 5	0 0 5
	0 1 5	0 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	1 2	0 1 2
	0 1 6	0 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	1 3	0 1 3
	0 1 7	0 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	1 6	0 1 6
	0 1 8	0 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 2	1 5	0 1 8
	0 1 9	0 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 3	1 9	0 2 2
	0 2 0	0 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 1	0 5	2 2	0 2 8
	0 2 1	0 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 1	0 7	2 4	0 3 2
	0 2 2	0 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 1	0 5	0 8	2 4	0 3 6
	0 2 3	0 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 1	0 4	0 8	1 1	2 9	0 5 3
	0 2 4	0 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 2	0 4	1 2	1 5	3 1	0 6 4
	0 2 5	0 0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 1	0 4	0 9	1 7	1 6	5 4	0 8 3
	0 2 6	0 0 1	0 2	0 0	0 0	0 1	0 0	0 0	0 0	0 0	0 0	0 2	0 5	1 2	1 8	1 9	3 4	0 9 2
	0 2 7	0 0 3	0 4	0 0	0 1	0 1	0 0	0 0	0 0	0 0	0 1	0 2	0 8	1 4	2 0	1 7	3 7	1 0 8
	0 2 8	0 0 3	0 4	0 0	0 1	0 1	0 1	0 1	0 0	0 0	0 2	0 2	0 4	1 6	2 2	2 0	3 8	1 2 0
	0 2 9	0 0 3	0 4	0 0	0 3	0 1	0 2	0 2	0 0	0 0	0 4	0 5	1 0	1 9	2 3	2 1	4 2	1 3 9
	0 3 0	0 0 3	0 5	0 0	0 4	0 1	0 2	0 2	0 0	0 1	0 4	0 6	1 1	2 2	2 3	2 4	4 4	1 5 2
	0 3 1	0 0 3	0 5	0 0	0 4	0 1	0 2	0 3	0 2	0 1	0 6	0 8	1 7	2 4	2 9	2 4	4 9	1 7 8
	0 3 2	0 0 3	0 5	0 0	0 4	0 1	0 2	0 6	0 3	0 2	0 6	0 8	1 9	2 5	3 2	2 6	5 2	1 9 4
	0 3 3	0 0 3	0 5	0 0	0 4	0 1	0 2	0 6	0 4	0 2	0 6	0 8	2 0	2 9	3 4	3 1	5 5	2 1 0
	0 3 4	0 0 3	0 5	0 0	0 4	0 1	0 2	0 7	0 4	0 2	0 9	0 8	2 0	2 9	3 5	3 4	5 7	2 2 0
	0 3 5	0 0 3	0 5	0 0	0 4	0 1	0 2	0 7	0 4	0 2	0 9	0 9	2 0	3 0	3 8	3 4	5 8	2 2 6
	0 3 6	0 0 3	0 5	0 0	0 4	0 1	0 2	0 7	0 4	0 2	0 9	0 9	2 0	3 0	3 8	3 4	6 1	2 2 9
	0 3 7	0 0 3	0 5	0 0	0 4	0 1	0 2	0 7	0 4	0 2	0 9	0 9	2 0	3 0	3 9	3 4	6 4	2 3 2

FREQUENCY ANALYSES
MAWSON 1956

Screen Temperature v Frost Point Depression

Frost Point Depression

	°F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>14	Total
Mar.	503	000	00	00	00	00	00	00	00	00	00	00	00	04	00	00	00	004
	502	000	00	00	00	00	00	00	00	00	00	00	00	04	01	00	00	005
	501	000	00	00	00	00	00	00	00	00	00	00	00	05	03	00	00	008
	500	000	00	00	00	00	00	00	00	00	00	00	00	06	03	00	00	009
	000	000	00	00	00	00	00	00	00	00	00	00	00	06	04	00	00	010
	001	000	00	00	00	00	00	00	00	00	00	00	00	06	07	01	00	014
	002	000	00	00	00	00	00	00	00	00	00	00	01	07	08	01	01	018
	003	000	00	00	00	00	00	00	00	00	00	00	02	09	13	01	02	027
	004	000	00	00	00	00	00	00	00	00	00	01	02	10	15	03	04	035
	005	000	00	00	00	00	00	00	00	00	00	01	02	10	20	04	05	042
	006	000	00	00	00	00	00	00	00	00	00	01	02	11	21	08	06	049
	007	000	00	00	00	00	00	00	00	00	00	01	04	12	26	09	10	062
	008	000	00	00	00	00	00	00	00	00	00	02	04	14	32	12	16	080
	009	000	00	00	00	00	01	00	00	01	00	02	04	14	34	12	26	094
	010	000	00	00	00	00	01	00	00	01	00	03	05	15	35	13	31	104
	011	000	00	00	00	00	01	00	01	01	01	03	06	16	37	15	37	118
	012	000	00	00	00	00	01	00	01	01	01	03	07	16	37	20	45	132
	013	000	00	00	00	01	01	00	01	01	01	04	07	16	38	22	56	148
	014	000	00	00	00	01	01	00	01	01	04	04	07	18	40	22	60	159
	015	000	00	00	00	01	02	00	02	01	05	04	08	18	41	23	72	177
	016	000	00	00	00	01	02	00	02	04	07	04	08	18	42	23	81	192
	017	000	00	04	00	01	02	00	02	04	07	04	08	20	42	23	89	206
	018	000	00	05	00	02	02	00	03	04	07	04	08	22	43	24	93	217
	019	000	00	05	01	03	02	00	03	04	07	04	08	23	43	24	98	225
	020	000	00	05	01	03	02	00	03	04	07	04	08	24	44	24	02	231
	021	000	00	05	01	03	02	00	03	04	07	04	08	25	45	24	06	237
	022	000	00	05	01	03	02	00	03	04	07	04	08	25	47	24	06	239
	023	000	00	05	01	03	02	00	03	04	07	04	08	25	47	24	09	242
	024	000	00	05	01	03	02	00	03	04	07	04	08	25	47	24	12	245
	025	000	00	05	01	03	02	00	03	04	07	04	08	25	47	25	12	246
	026	000	00	05	01	03	02	00	03	04	07	04	08	25	47	25	13	247
	027	000	00	05	01	03	02	00	03	04	07	04	08	25	47	25	14	248
Apr.	504	000	00	00	00	00	01	00	00	00	00	01	00	00	00	00	00	002
	503	000	00	00	00	00	01	00	00	00	00	02	00	00	00	00	00	005
	502	000	00	00	00	00	01	00	00	00	00	02	03	00	00	00	00	006
	501	000	00	01	00	00	01	00	00	00	01	03	05	02	00	00	00	013
	500	000	00	01	00	00	01	00	00	00	02	04	05	02	00	00	00	015
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	026	004	14	08	06	13	12	19	08	11	12	19	26	37	17	13	20	239
	031	004	14	08	06	13	12	19	08	11	12	19	26	37	17	13	21	240

FREQUENCY ANALYSES
MAWSON 1956

Screen Temperature v Frost Point Depression

Frost Point Depression

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	511	000	00	00	00	00	00	00	01	03	06	02	00	00	00	00	00	012
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	506	000	00	00	00	00	00	02	06	05	14	08	04	00	00	00	00	039
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	020	008	09	03	03	01	08	10	18	26	32	35	23	23	24	03	14	240
	021	008	09	03	03	01	08	10	18	26	32	35	23	23	24	07	16	246
	022	008	09	03	03	01	08	10	18	26	32	35	23	23	24	08	17	248

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FREQUENCY ANALYSES
MAWSON 1956

Screen Temperature v Frost Point Depression

Frost Point Depression

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Jul.	52 7	000	00	00	00	00	02	00	00	00	00	00	00	00	00	00	00	002
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	52 5	000	00	00	00	00	02	00	04	00	00	00	00	00	00	00	00	006
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FREQUENCY ANALYSES
MAWSON 1956

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.	517	000	00	00	00	00	00	00	00	00	00	01	00	00	00	00	00	001
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	515	000	00	00	00	00	00	01	00	00	00	03	00	00	00	00	00	004
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	512	000	00	00	00	00	00	02	01	08	07	03	00	00	00	00	00	021
	511	000	00	00	00	00	00	02	01	08	08	05	00	01	00	00	00	025
	510	000	00	00	00	00	00	02	02	10	09	05	03	01	00	00	00	032
	509	000	00	00	00	00	00	03	03	10	10	05	03	02	00	00	00	036
	508	000	00	00	00	00	00	04	03	11	10	06	03	02	00	00	01	040
	507	000	00	00	00	00	00	05	03	12	10	10	05	02	00	00	01	048
	506	000	00	00	00	01	00	05	03	13	11	11	05	02	00	00	01	052
	505	000	00	00	00	01	01	05	04	14	11	14	05	04	00	00	01	060
	504	001	01	00	00	01	01	06	04	15	12	14	06	06	00	01	01	069
	503	002	01	00	01	01	01	07	04	17	14	17	08	07	00	01	01	082
	502	004	02	00	02	01	01	08	05	18	15	20	09	07	02	01	01	096
	501	004	02	00	02	01	01	08	05	19	17	23	09	09	02	01	01	104
	500	004	04	00	02	01	01	08	05	19	17	25	10	10	02	01	01	110
	000	006	04	00	03	01	01	08	07	19	19	26	13	10	02	01	01	121
	001	007	04	01	04	04	01	09	08	20	21	28	16	11	02	01	01	138
	002	009	04	02	04	05	01	09	08	22	24	32	16	13	02	01	01	153
	003	010	04	02	04	06	02	10	09	22	25	33	19	14	02	01	01	164
	004	012	04	02	04	06	03	10	09	25	25	33	22	15	03	01	01	175
	005	012	05	02	04	06	05	10	09	25	26	34	22	22	03	02	01	188
	006	012	05	03	04	06	05	10	11	25	26	36	22	23	06	02	01	197
	007	012	05	03	04	07	05	10	11	25	27	37	22	23	06	02	01	200
	008	012	05	04	04	08	05	10	11	25	27	37	23	24	07	02	02	206
	009	012	06	04	04	09	05	10	11	25	27	38	23	24	08	03	02	211
	010	012	07	04	04	09	05	10	11	25	27	38	23	27	08	04	03	217
	011	012	07	04	04	09	05	10	11	25	27	38	24	28	08	04	03	219
	012	012	07	04	05	09	05	10	11	25	27	38	25	28	08	04	04	222
	013	012	07	04	06	09	05	10	12	25	27	38	25	29	08	06	06	229
	014	012	09	05	06	09	05	10	12	25	27	38	25	29	08	06	06	232
	015	012	09	08	08	09	05	10	12	25	27	38	25	29	08	06	08	239
	017	012	09	08	08	09	05	10	12	25	27	38	25	29	08	06	09	240

Oct.	511	000	00	00	00	00	00	01	00	00	00	00	00	00	00	00	00	001
	509	000	00	00	00	00	00	01	00	00	01	00	00	00	00	00	00	002
	507	000	00	00	00	00	00	01	01	00	01	00	00	00	00	00	00	003
	506	000	00	00	00	00	00	01	02	00	01	01	00	00	00	00	00	005
	505	000	00	00	00	00	00	01	03	00	01	01	00	00	00	00	00	006
	504	000	00	00	00	00	00	01	05	01	01	01	00	00	00	00	00	009
	503	000	00	00	00	00	00	01	06	01	02	03	00	00	00	00	00	013
	502	000	00	00	00	00	01	02	06	03	02	04	00	00	00	00	00	018
	501	000	00	00	00	01	01	02	06	04	02	08	02	00	00	00	00	026
	500	000	01	00	00	01	01	02	07	04	02	09	04	00	00	00	00	031
	000	000	01	00	00	01	01	02	08	04	03	09	07	00	00	00	00	036
	001	000	01	00	00	01	03	03	08	05	04	11	08	01	00	00	00	045
	002	000	02	00	00	01	04	03	08	06	06	12	08	02	00	01	00	053
	003	000	02	00	00	01	06	04	09	06	06	13	13	03	00	01	00	064
	004	001	02	00	00	01	06	04	09	06	08	13	16	04	01	01	00	072
	005	003	03	00	00	01	07	05	09	06	08	15	16	06	01	01	01	082
	006	005	04	00	00	01	07	06	09	07	08	17	22	07	02	01	02	098
	007	006	05	00	00	02	08	06	09	07	08	19	26	10	05	02	02	115
	008	007	05	00	00	02	08	06	09	08	10	21	26	13	06	03	02	126
	009	011	05	00	00	02	08	08	10	09	11	21	26	13	08	03	04	139
	010	015	05	02	00	02	08	08	11	10	12	22	27	13	08	05	05	153
	011	016	05	02	00	02	08	09	12	11	12	22	28	15	09	07	07	165
	012	020	05	03	00	02	08	09	12	11	12	23	29	15	12	07	07	175
	013	022	05	04	00	02	10	10	12	12	13	24	29	17	12	08	09	189
	014	022	06	05	02	04	11	12	12	12	14	24	30	17	12	08	09	200
	015	024	07	05	04	04	12	13	13	12	15	25	31	17	12	08	09	211
	016	024	08	05	04	05	14	14	13	13	16	27	31	19	12	08	10	223
	017	024	14	07	04	05	15	15	14	15	17	30	31	19	12	08	10	240
	018	024	14	09	04	05	15	15	14	16	17	31	31	19	12	09	10	245
	019	024	14	09	04	05	15	15	14	16	17	31	33	19	12	09	11	248

FREQUENCY ANALYSES
MAWSON 1956

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.	005	000	00	00	00	00	00	00	00	00	00	01	00	00	00	00	00	001
	006	000	00	00	00	00	00	00	00	00	00	02	00	00	00	00	00	002
	007	000	00	00	00	00	00	00	00	00	00	03	00	00	00	00	00	003
	008	000	00	00	00	00	00	00	00	00	00	03	00	01	01	00	00	005
	010	000	00	00	00	00	00	00	00	00	00	03	03	01	01	00	00	008
	011	000	00	00	00	00	00	00	00	00	00	03	05	01	01	00	00	010
	012	000	00	00	00	00	00	00	00	00	00	04	07	02	02	01	00	016
	013	000	00	00	00	00	00	00	00	00	00	05	07	04	02	01	01	020
	014	000	00	00	00	00	00	00	00	00	00	05	07	05	02	03	03	025
	015	000	00	00	00	00	00	00	00	00	00	05	07	06	02	04	05	029
	016	000	00	00	00	00	00	00	00	00	00	05	08	06	02	06	07	034
	017	004	00	00	00	00	00	01	00	00	00	05	08	07	04	05	07	042
	018	008	00	00	00	01	00	01	00	00	00	06	11	09	05	08	11	060
	019	010	00	00	00	01	00	01	00	00	00	06	12	10	05	09	13	067
	020	015	00	00	00	01	00	01	00	00	00	09	12	13	07	11	17	086
	021	017	00	01	00	01	00	02	02	00	00	11	12	14	08	11	20	099
	022	017	00	01	01	01	00	02	03	00	01	11	15	14	10	12	22	110
	023	017	00	01	01	02	01	03	03	01	03	15	17	17	12	14	27	134
	024	017	00	01	01	02	02	03	03	01	03	17	17	18	14	15	34	147
	025	017	00	01	01	02	02	03	03	02	03	20	20	20	15	14	38	161
	026	017	00	01	01	02	02	03	03	02	05	21	21	20	17	15	42	172
	027	017	00	01	01	02	02	03	03	03	06	22	22	21	21	15	45	184
	028	017	00	01	01	02	02	03	04	03	06	22	23	22	22	16	47	191
	029	017	00	01	01	03	03	03	04	03	07	24	25	26	23	15	49	208
	030	017	00	01	01	03	03	03	04	03	07	26	26	28	23	19	54	218
	031	017	00	01	01	03	03	03	04	03	07	28	26	28	23	19	55	221
	032	017	00	01	01	03	03	03	04	03	07	28	26	29	23	20	57	225
	033	017	00	01	01	03	03	03	04	04	10	28	27	30	23	20	59	233
	034	017	00	01	01	03	03	03	04	04	10	28	27	30	23	20	62	236
	035	017	00	01	01	03	03	03	04	04	10	28	27	30	23	20	66	240
Dec.	024	000	00	00	00	00	00	00	00	00	01	00	00	00	01	01	00	002
	025	000	00	00	00	00	00	00	00	00	01	02	00	00	01	02	00	006
	026	000	00	00	00	01	00	01	00	01	01	02	01	00	02	02	01	012
	027	000	00	01	00	02	00	01	00	01	02	02	02	02	04	02	02	021
	028	000	00	01	00	04	01	01	03	01	02	02	03	02	04	04	04	032
	029	000	00	01	00	04	03	01	05	01	02	03	03	02	08	04	06	043
	030	000	00	01	00	04	03	01	05	04	03	03	03	02	08	05	08	050
	031	000	00	01	00	04	04	01	05	06	05	07	05	04	10	06	15	073
	032	000	00	01	00	04	04	01	07	07	07	08	05	04	14	08	22	092
	033	000	00	02	00	04	04	02	07	08	10	08	07	07	15	12	24	110
	034	000	01	02	00	04	04	02	07	08	12	09	08	09	17	12	25	120
	035	000	01	02	00	04	05	02	09	08	14	12	09	13	23	15	33	150
	036	000	01	02	01	04	07	02	09	08	14	15	09	17	26	16	41	172
	037	000	01	02	01	04	08	02	09	08	16	16	09	17	26	16	48	183
	038	000	01	02	01	04	09	02	10	08	16	16	09	18	26	18	52	192
	039	000	01	02	01	04	09	02	10	08	16	16	13	20	26	19	58	205
	040	000	01	02	01	04	09	02	11	08	16	17	15	20	27	21	65	219
	041	000	01	02	01	04	09	02	11	08	16	17	16	21	28	21	71	228
	042	000	01	02	01	04	09	02	11	08	16	17	16	21	28	22	75	233
	043	000	01	02	01	04	09	02	11	08	16	17	16	21	28	22	81	239
	044	000	01	02	01	04	09	02	11	08	16	17	16	21	28	22	84	242
	045	000	01	02	01	04	09	02	11	08	16	17	16	21	28	22	86	244
	046	000	01	02	01	04	09	02	11	08	16	17	16	21	28	22	88	246

FREQUENCY ANALYSES
MAWSON 1956

Direction and Speed of Surface Wind

	Direction x 10	Calm	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		00	00	00	00	00	00	000
	05 06 07		07	04	00	00	00	00	011
	08 09 10		12	15	11	01	02	00	041
	11 12 13		04	29	64	27	07	00	131
	14 15 16		02	07	17	04	01	00	031
	17 18 19		05	01	00	01	00	00	007
	20 21 22		06	00	00	00	00	00	006
	23 24 25		10	00	00	00	00	00	010
	26 27 28		04	02	00	00	00	00	006
	29 30 31		03	00	00	00	00	00	003
	32 33 34		02	00	00	00	00	00	002
									000
		00	55	58	92	33	10	00	248
Feb.	35 36 01		00	00	00	00	00	00	000
	02 03 04		03	01	00	00	00	00	004
	05 06 07		04	02	00	00	00	00	006
	08 09 10		08	04	01	02	00	00	015
	11 12 13		01	39	52	50	22	05	169
	14 15 16		02	08	18	04	00	00	032
	17 18 19		00	00	00	00	00	00	000
	20 21 22		00	01	00	00	00	00	001
	23 24 25		03	00	00	00	00	00	003
	26 27 28		00	00	00	00	00	00	000
	29 30 31		00	00	00	00	00	00	000
	32 33 34		01	01	00	00	00	00	002
									000
		00	22	56	71	56	22	05	232
Mar.	35 36 01		00	00	00	00	00	00	000
	02 03 04		00	00	00	00	00	00	000
	05 06 07		01	01	00	00	00	00	002
	08 09 10		02	03	00	00	00	00	005
	11 12 13		09	46	47	20	09	03	134
	14 15 16		04	39	34	12	03	00	092
	17 18 19		02	01	00	00	00	00	003
	20 21 22		01	00	00	00	00	00	001
	23 24 25		01	01	00	00	00	00	002
	26 27 28		02	00	00	00	00	00	002
	29 30 31		02	00	00	00	00	00	002
	32 33 34		00	00	00	00	00	00	000
									005
		05	24	91	81	32	12	03	248
Apr.	35 36 01		00	00	00	00	00	00	000
	02 03 04		01	01	00	00	00	00	002
	05 06 07		01	00	00	00	00	00	001
	08 09 10		01	04	02	01	00	01	009
	11 12 13		07	23	35	33	16	23	137
	14 15 16		08	39	13	06	02	00	068
	17 18 19		02	02	01	00	00	00	005
	20 21 22		01	02	00	00	00	00	003
	23 24 25		00	00	00	00	00	00	000
	26 27 28		00	02	00	00	00	00	002
	29 30 31		00	00	00	00	00	00	000
	32 33 34		01	00	00	00	00	00	001
									012
		12	22	73	51	40	18	24	240

FREQUENCY ANALYSES

MAWSON 1956

Direction and Speed of Surface Wind

	Direction x 10			Calm	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		01	00	00	00	00	00	001
	05	06	07		00	00	00	00	00	00	000
	08	09	10		02	03	01	00	00	00	006
	11	12	13		02	18	67	27	09	19	142
	14	15	16		05	19	40	21	02	00	087
	17	18	19		00	02	02	00	00	00	004
	20	21	22		00	00	00	00	00	00	000
	23	24	25		04	00	00	00	00	00	004
	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
											003
				03	15	42	10	48	11	19	248
Jun.	35	36	01		01	00	00	00	00	00	001
	02	03	04		00	00	00	00	00	00	000
	05	06	07		00	01	00	00	00	00	001
	08	09	10		04	03	00	00	01	00	008
	11	12	13		04	18	43	37	21	14	137
	14	15	16		02	22	31	05	01	01	062
	17	18	19		01	02	01	00	00	00	004
	20	21	22		02	00	01	00	00	00	003
	23	24	25		06	00	00	00	00	00	006
	26	27	28		01	00	00	00	00	00	001
	29	30	31		01	00	00	00	00	00	001
	32	33	34		00	01	00	00	00	00	001
											015
				15	22	47	76	42	23	15	240
Jul.	35	36	01		00	00	00	00	00	00	000
	02	03	04		02	00	00	00	00	00	002
	05	06	07		00	00	00	00	00	00	000
	08	09	10		03	02	01	00	00	00	006
	11	12	13		01	03	21	25	09	00	059
	14	15	16		02	15	47	20	12	04	100
	17	18	19		01	10	08	06	03	00	028
	20	21	22		02	03	01	00	00	00	006
	23	24	25		03	01	00	00	00	00	004
	26	27	28		02	02	00	00	00	00	004
	29	30	31		00	01	00	00	00	00	001
	32	33	34		00	00	00	00	00	00	000
											038
				38	16	37	78	51	24	04	248
Aug.	35	36	01		00	00	00	00	00	00	000
	02	03	04		00	01	00	00	00	00	001
	05	06	07		00	00	00	00	00	00	000
	08	09	10		01	04	01	00	00	00	006
	11	12	13		00	34	32	14	02	28	110
	14	15	16		11	30	29	09	00	00	079
	17	18	19		04	02	00	00	00	00	006
	20	21	22		02	00	00	00	00	00	002
	23	24	25		02	00	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
											042
				42	20	71	62	23	02	28	248

FREQUENCY ANALYSES
MAWSON 1956

	Direction x 10	Calm	Direction and Speed of Surface Wind 1-9	10-19	20-29	30-39	40-49	≥50	Total
Sep.	35 36 01		00	00	00	00	00	00	000
	02 03 04		01	00	00	00	00	00	001
	05 06 07		03	01	00	00	00	00	004
	08 09 10		04	08	06	04	03	02	027
	11 12 13		05	41	37	17	07	09	116
	14 15 16		03	14	18	10	07	00	052
	17 18 19		02	01	01	01	00	00	005
	20 21 22		01	01	01	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		00	00	00	00	00	00	000
									031
		31	20	66	63	32	17	11	240
Oct.	35 36 01		00	00	00	00	00	00	000
	02 03 04		03	01	00	00	00	00	004
	05 06 07		03	00	00	00	00	00	003
	08 09 10		00	07	08	01	01	00	017
	11 12 13		01	36	55	35	15	17	159
	14 15 16		03	12	15	07	00	00	037
	17 18 19		01	00	00	00	00	00	001
	20 21 22		02	00	00	00	00	00	002
	23 24 25		02	01	00	00	00	00	003
	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
									021
		21	16	57	78	43	16	17	248
Nov.	35 36 01		01	00	00	00	00	00	001
	02 03 04		02	00	00	00	00	00	002
	05 06 07		01	07	01	00	00	00	009
	08 09 10		05	09	09	10	03	00	036
	11 12 13		03	24	67	45	10	03	152
	14 15 16		01	10	07	00	00	00	018
	17 18 19		00	01	00	00	00	00	001
	20 21 22		00	00	00	00	00	00	000
	23 24 25		03	00	00	00	00	00	003
	26 27 28		06	00	00	00	00	00	006
	29 30 31		01	00	00	00	00	00	001
	32 33 34		01	00	00	00	00	00	001
									010
		10	24	51	84	55	13	03	240
Dec.	35 36 01		01	00	00	00	00	00	001
	02 03 04		00	00	00	00	00	00	000
	05 06 07		08	03	00	00	00	00	011
	08 09 10		11	14	08	01	00	00	034
	11 12 13		08	25	40	24	00	00	097
	14 15 16		02	21	26	00	00	00	049
	17 18 19		02	00	00	00	00	00	002
	20 21 22		01	00	00	00	00	00	001
	23 24 25		11	00	00	00	00	00	011
	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
									041
		41	45	63	74	25	00	00	248

FREQUENCY ANALYSES
MAWSON 1956

Results of Radiosonde Observations.

Temperature at 850 mb

Upper Limit Range - °C	Jan.	Feb	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
5 3 3	0 0	0 0	0 0	0 0	0 0	0 0	0 1	0 1	0 0	0 0	0 0	0 0	0 0 2
5 3 0	0 0	0 0	0 0	0 0	0 0	0 1	0 2	0 5	0 2	0 0	0 0	0 0	0 1 0
5 2 7	0 0	0 0	0 0	0 0	0 2	0 4	0 6	1 4	0 7	0 1	0 0	0 0	0 3 4
5 2 4	0 0	0 0	0 0	0 1	0 6	0 6	1 1	1 9	1 2	0 6	0 0	0 0	0 6 1
5 2 1	0 0	0 0	0 4	0 3	1 4	1 2	1 7	2 2	1 8	1 5	0 0	0 0	1 0 5
5 1 8	0 0	0 0	1 6	0 9	1 8	1 5	2 3	2 6	2 4	2 0	0 3	0 0	1 5 4
5 1 5	0 0	0 4	2 5	1 6	2 5	1 9	2 6	2 6	2 7	2 6	0 7	0 0	2 0 1
5 1 2	0 5	1 3	2 9	2 1	2 6	2 2	2 8	2 7	2 7	2 8	2 1	0 1	2 4 8
5 0 9	1 7	2 4	2 9	2 3	2 6	2 4	2 9	2 7	2 7	2 8	2 6	1 0	2 9 0
5 0 6	2 0	2 6	2 9	2 3	2 6	2 4	3 1	2 7	2 7	2 8	2 7	2 4	3 1 2
5 0 3	2 9	2 6	2 9	2 3	2 6	2 4	3 1	2 7	2 7	2 8	2 8	3 1	3 2 9
0 0 0	3 1	2 6	2 9	2 3	2 6	2 4	3 1	2 7	2 7	2 8	2 8	3 1	3 3 1

Temperature at 700 mb

5 3 3	0 0	0 0	0 0	0 0	0 0	0 0	0 1	0 3	0 1	0 3	0 0	0 0	0 0 8
5 3 0	0 0	0 0	0 0	0 0	0 0	0 0	0 2	0 5	0 9	0 4	0 0	0 0	0 2 0
5 2 7	0 0	0 0	0 0	0 0	0 4	0 6	0 7	1 7	1 5	0 9	0 0	0 0	0 5 8
5 2 4	0 0	0 0	0 1	0 1	1 9	1 7	2 0	2 4	2 2	2 1	0 2	0 0	1 2 7
5 2 1	0 0	0 0	1 0	1 7	2 4	2 0	2 8	2 7	2 7	2 8	1 2	0 0	1 9 3
5 1 8	0 4	1 5	2 5	2 1	2 5	2 2	2 8	2 7	2 7	2 8	2 5	0 5	2 5 2
5 1 5	1 9	2 5	2 9	2 3	2 6	2 4	2 9	2 7	2 7	2 8	2 7	1 5	2 9 9
5 1 2	2 5	2 6	2 9	2 3	2 6	2 4	3 1	2 7	2 7	2 8	2 8	2 7	3 2 1
5 0 9	3 0	2 6	2 9	2 3	2 6	2 4	3 1	2 7	2 7	2 8	2 8	3 1	3 3 0
5 0 6	3 1	2 6	2 9	2 3	2 6	2 4	3 1	2 7	2 7	2 8	2 8	3 1	3 3 1

Temperature at 500 mb

5 4 5	0 0	0 0	0 0	0 0	0 0	0 2	0 0	0 2	0 3	0 1	0 0	0 0	0 0 8
5 4 2	0 0	0 0	0 0	0 1	0 2	0 9	0 6	1 1	1 3	0 3	0 0	0 0	0 4 5
5 3 9	0 0	0 0	0 1	0 5	1 8	1 3	1 9	2 3	2 1	1 7	0 2	0 0	1 1 9
5 3 6	0 0	0 0	0 7	1 2	2 3	1 9	2 4	2 6	2 4	2 6	0 8	0 0	1 6 9
5 3 3	0 1	0 3	1 8	1 7	2 4	2 3	2 8	2 7	2 6	2 7	1 4	0 0	2 0 8
5 3 0	0 4	1 3	2 4	1 9	2 5	2 4	2 9	2 7	2 6	2 8	2 4	1 1	2 5 4
5 2 7	2 1	2 2	2 6	2 1	2 6	2 4	3 1	2 7	2 7	2 8	2 5	2 3	3 0 1
5 2 4	2 5	2 4	2 8	2 2	2 6	2 4	3 1	2 7	2 7	2 8	2 8	3 0	3 2 0
5 2 1	2 9	2 6	2 9	2 3	2 6	2 4	3 1	2 7	2 7	2 8	2 8	3 1	3 2 9
5 1 8	3 1	2 6	2 9	2 3	2 6	2 4	3 1	2 7	2 7	2 8	2 8	3 1	3 3 1

Temperature at 300 mb

5 6 6	0 0	0 0	0 0	0 0	0 0	0 0	0 1	0 1	0 1	0 0	0 0	0 0	0 0 3
5 6 3	0 0	0 0	0 0	0 0	0 1	0 7	0 5	0 7	0 5	0 2	0 1	0 0	0 2 8
5 6 0	0 0	0 0	0 0	0 2	1 2	1 9	1 6	2 3	2 1	1 4	0 6	0 0	1 1 3
5 5 7	0 0	0 0	0 2	0 5	2 4	2 2	2 8	2 7	2 5	2 3	0 9	0 0	1 6 5
5 5 4	0 3	0 2	0 9	1 4	2 6	2 3	3 1	2 7	2 7	2 8	1 7	0 4	2 1 1
5 5 1	1 5	0 8	2 0	2 1	2 6	2 4	3 1	2 7	2 7	2 8	2 3	2 3	2 7 3
5 4 8	2 5	1 9	2 8	2 2	2 6	2 4	3 1	2 7	2 7	2 8	2 8	3 0	3 1 5
5 4 5	2 7	2 6	2 8	2 2	2 6	2 4	3 1	2 7	2 7	2 8	2 8	3 1	3 2 5
5 4 2	2 8	2 6	2 8	2 3	2 6	2 4	3 1	2 7	2 7	2 8	2 8	3 1	3 2 7
5 3 9	2 9	2 6	2 8	2 3	2 6	2 4	3 1	2 7	2 7	2 8	2 8	3 1	3 2 8

FREQUENCY ANALYSES
MAWSON 1956

Temperature at 200 mb

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
578	00	00	00	00	00	01	01	01	00	00	00	00	003
575	00	00	00	00	00	02	06	04	00	00	00	00	012
572	00	00	00	00	00	04	10	10	05	00	00	00	029
569	00	00	00	00	00	05	15	23	13	01	02	00	059
566	00	00	00	00	00	12	22	25	23	08	03	00	093
563	00	00	00	00	03	19	30	27	26	17	10	00	132
560	00	00	00	01	10	24	30	27	26	26	11	00	155
557	00	00	02	03	22	24	31	27	26	27	16	00	178
554	00	01	02	04	26	24	31	27	26	28	19	00	188
551	01	01	02	11	26	24	31	27	26	28	23	00	200
548	04	03	09	19	26	24	31	27	26	28	25	07	229
545	19	08	26	23	26	24	31	27	26	28	27	23	288
542	29	21	27	23	26	24	31	27	26	28	27	30	319
539	29	26	27	23	26	24	31	27	26	28	27	31	325

Temperature at 150 mb

578	00	00	00	00	00	00	02	02	00	00	00	00	004
575	00	00	00	00	00	01	04	08	01	00	00	00	014
572	00	00	00	00	00	02	08	19	10	00	00	00	039
569	00	00	00	00	00	07	22	26	20	01	00	00	076
566	00	00	00	00	00	15	28	27	23	04	02	00	099
563	00	00	00	00	03	23	29	27	26	14	04	00	126
560	00	00	00	00	12	24	29	27	26	23	11	00	152
557	00	00	00	03	23	24	29	27	26	26	12	00	170
554	00	00	00	04	26	24	29	27	26	27	14	00	177
551	00	00	01	13	26	24	29	27	26	27	19	00	192
548	00	00	11	21	26	24	29	27	26	27	22	00	213
545	08	04	22	22	26	24	29	27	26	27	25	04	244
542	25	21	27	23	26	24	29	27	26	27	26	21	302
539	29	26	27	23	26	24	29	27	26	27	26	31	321

Temperature at 100 mb

578	00	00	00	00	00	00	03	03	01	00	00	00	007
575	00	00	00	00	00	01	10	12	03	00	00	00	026
572	00	00	00	00	00	05	23	21	11	00	00	00	060
569	00	00	00	00	00	12	25	22	22	00	00	00	081
566	00	00	00	00	01	21	26	23	23	02	00	00	096
563	00	00	00	00	13	21	26	23	24	03	00	00	110
560	00	00	00	01	23	21	26	23	25	11	02	00	132
557	00	00	00	02	26	21	26	23	26	16	03	00	143
554	00	00	00	06	26	21	26	23	26	22	09	00	159
551	00	00	02	15	26	21	26	23	26	23	10	00	172
548	00	00	05	21	26	21	26	23	26	23	11	00	182
545	00	02	20	21	26	21	26	23	26	23	15	00	203
542	11	16	26	21	26	21	26	23	26	23	18	01	238
539	28	24	27	22	26	21	26	23	26	23	24	15	285
536	28	24	27	22	26	21	26	23	26	23	24	29	299

Temperature at Tropopause

581	00	00	00	00	00	00	01	00	00	00	00	00	001
578	00	00	00	00	00	01	03	02	01	00	00	00	007
575	00	00	00	00	00	02	06	10	03	00	00	00	021
572	00	00	00	00	00	03	09	16	08	00	00	00	036
569	00	00	00	00	01	06	14	23	18	01	03	00	066
566	00	00	00	00	03	12	16	25	24	09	04	00	093
563	00	00	00	03	10	19	21	25	26	19	12	00	135
560	02	00	01	06	22	22	23	25	26	25	16	00	168
557	10	05	09	13	26	22	23	25	26	26	20	06	211
554	15	10	13	20	26	22	23	25	26	26	23	22	251
551	21	15	26	22	26	22	23	25	26	26	27	28	287
548	28	23	28	23	26	22	23	25	26	26	28	30	308
545	29	26	28	23	26	22	23	25	26	26	28	31	313

FREQUENCY ANALYSES
MAWSON 1956

Geopotential at 850 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
095	00	00	00	00	00	00	00	00	00	01	00	00	001
100	00	00	00	00	00	00	02	01	01	01	00	00	005
105	00	00	00	00	02	02	06	04	06	08	01	00	029
110	00	00	03	02	05	07	14	10	12	18	01	00	072
115	01	04	07	13	13	12	17	20	19	27	10	01	144
120	08	14	19	16	16	14	20	22	23	28	18	06	204
125	13	25	28	20	20	23	24	27	27	28	25	13	273
130	23	26	29	21	24	24	29	27	27	28	28	27	313
135	28	26	29	23	24	24	29	27	27	28	28	31	324
140	31	26	29	23	24	24	29	27	27	28	28	31	327
145	31	26	29	23	26	24	31	27	27	28	28	31	331

Geopotential at 700 mb

235	00	00	00	00	00	00	01	01	00	01	00	00	003
240	00	00	00	00	00	00	02	02	01	02	00	00	007
245	00	00	00	00	02	02	05	07	07	09	00	00	032
250	00	00	00	00	04	06	11	13	13	14	01	00	062
255	00	00	04	05	11	08	16	20	17	25	02	00	108
260	01	03	09	13	16	13	18	21	21	28	09	00	152
265	03	12	22	16	20	19	22	27	26	28	19	03	217
270	09	24	27	19	22	22	27	27	26	28	25	08	264
275	15	26	28	21	24	24	28	27	27	28	28	17	293
280	23	26	29	23	24	24	29	27	27	28	28	28	316
285	28	26	29	23	24	24	29	27	27	28	28	31	324
290	31	26	29	23	26	24	29	27	27	28	28	31	329
295	31	26	29	23	26	24	31	27	27	28	28	31	331

Geopotential at 500 mb

470	00	00	00	00	00	00	01	01	01	00	00	00	003
475	00	00	00	00	00	00	02	01	01	02	00	00	006
480	00	00	00	00	00	02	04	08	07	05	00	00	026
485	00	00	00	00	04	05	11	14	13	12	00	00	059
490	00	00	00	00	08	08	13	18	15	15	01	00	078
495	00	00	04	07	14	12	16	20	19	25	03	00	120
500	00	00	08	11	17	17	20	23	24	28	06	00	154
505	00	04	14	16	20	20	22	26	26	28	09	00	185
510	01	09	24	18	22	20	28	27	27	28	19	03	226
515	08	20	25	19	24	23	28	27	27	28	25	06	261
520	13	24	28	20	24	24	28	27	27	28	28	11	282
525	19	26	28	23	24	24	29	27	27	28	28	21	304
530	22	26	29	23	24	24	29	27	27	28	28	28	315
535	29	26	29	23	26	24	29	27	27	28	28	31	327
540	31	26	29	23	26	24	30	27	27	28	28	31	330
545	31	26	29	23	26	24	31	27	27	28	28	31	331

FREQUENCY ANALYSES
MAWSON 1956

Geopotential at 300 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
800	00	00	00	00	00	00	01	01	01	01	00	00	004
810	00	00	00	00	00	03	07	09	07	03	00	00	029
820	00	00	00	00	07	06	12	16	15	14	00	00	070
830	00	00	01	05	15	15	16	21	23	24	03	00	123
840	00	00	08	13	21	19	22	26	26	26	07	00	170
850	00	01	21	18	24	22	28	27	27	28	14	01	211
860	04	16	23	18	24	24	28	27	27	28	24	06	249
870	14	24	26	21	24	24	29	27	27	28	28	13	285
880	18	26	27	22	26	24	29	27	27	28	28	28	310
890	27	26	28	23	26	24	31	27	27	28	28	31	326
900	29	26	28	23	26	24	31	27	27	28	28	31	328

Geopotential at 200 mb

1050	00	00	00	00	00	00	03	04	05	01	00	00	013
1060	00	00	00	00	00	03	10	14	07	05	00	00	039
1070	00	00	00	00	07	11	12	20	17	17	02	00	086
1080	00	00	00	00	15	17	20	25	23	23	06	00	129
1090	00	00	00	04	17	19	27	27	26	28	07	00	155
1100	00	00	03	10	24	24	28	27	26	28	08	00	178
1110	00	00	14	18	24	24	29	27	26	28	18	00	208
1120	01	03	22	20	25	24	29	27	26	28	25	04	234
1130	09	20	25	21	26	24	30	27	26	28	27	08	271
1140	17	25	27	22	26	24	31	27	26	28	27	23	303
1150	23	26	27	22	26	24	31	27	26	28	27	31	318
1160	29	26	27	23	26	24	31	27	26	28	27	31	325

Geopotential at 150 mb

1220	00	00	00	00	00	00	01	04	04	00	00	00	009
1230	00	00	00	00	00	00	09	15	09	02	00	00	035
1240	00	00	00	00	00	06	10	20	15	09	00	00	060
1250	00	00	00	00	07	15	17	26	23	21	03	00	112
1260	00	00	00	00	16	20	26	27	26	25	06	00	146
1270	00	00	00	00	17	24	27	27	26	27	07	00	155
1280	00	00	00	05	24	24	28	27	26	27	08	00	169
1290	00	00	03	13	24	24	29	27	26	27	14	00	187
1300	00	00	13	20	25	24	29	27	26	27	21	00	212
1310	00	01	21	21	26	24	29	27	26	27	26	02	230
1320	06	12	26	22	26	24	29	27	26	27	26	07	258
1330	14	25	27	22	26	24	29	27	26	27	26	17	290
1340	21	26	27	22	26	24	29	27	26	27	26	31	312
1350	29	26	27	23	26	24	29	27	26	27	26	31	321

FREQUENCY ANALYSES

MAWSON 1956

Geopotential at 100 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1450	00	00	00	00	00	00	00	03	00	00	00	00	003
1460	00	00	00	00	00	00	04	12	04	00	00	00	020
1470	00	00	00	00	00	00	09	16	09	00	00	00	034
1480	00	00	00	00	00	02	11	20	14	02	00	00	049
1490	00	00	00	00	00	11	18	22	22	07	00	00	080
1500	00	00	00	00	06	18	26	22	25	18	03	00	118
1510	00	00	00	00	15	20	26	23	26	20	06	00	136
1520	00	00	00	00	17	21	26	23	26	22	07	00	142
1530	00	00	00	00	21	21	26	23	26	23	07	00	147
1540	00	00	00	04	24	21	26	23	26	23	08	00	155
1550	00	00	01	12	24	21	26	23	26	23	11	00	167
1560	00	00	05	19	26	21	26	23	26	23	15	00	184
1570	00	00	15	19	26	21	26	23	26	23	18	00	197
1580	00	00	20	21	26	21	26	23	26	23	24	02	212
1590	02	10	26	21	26	21	26	23	26	23	24	03	231
1600	09	20	27	21	26	21	26	23	26	23	24	11	257
1610	19	24	27	21	26	21	26	23	26	23	24	24	284
1620	28	24	27	22	26	21	26	23	26	23	24	29	299

Geopotential at Tropopause

0750	00	01	03	01	00	00	00	00	00	00	00	00	005
0800	01	05	08	05	03	01	01	00	00	00	00	01	025
0850	04	09	15	12	04	04	02	00	00	02	02	03	057
0900	10	13	22	15	15	10	05	00	00	04	05	12	111
0950	20	21	26	18	24	14	10	02	02	09	14	19	179
1000	27	24	26	20	24	15	13	04	03	14	20	30	220
1050	28	26	27	21	26	18	14	09	07	17	24	30	247
1100	29	26	28	23	26	20	17	12	17	20	25	31	274
1150	29	26	28	23	26	22	19	18	18	25	26	31	291
1200	29	26	28	23	26	22	19	20	20	25	28	31	297
1250	29	26	28	23	26	22	22	20	21	25	28	31	301
1300	29	26	28	23	26	22	23	21	23	25	28	31	305
1350	29	26	28	23	26	22	23	25	23	26	28	31	310
1400	29	26	28	23	26	22	23	25	26	26	28	31	313

Pressure at Tropopause

Upper Limit Range - mb													
100	00	00	00	00	00	00	00	00	03	00	00	00	003
150	00	00	00	00	00	00	02	05	06	01	00	00	014
200	00	00	00	00	00	04	08	17	19	09	03	00	060
250	02	03	02	04	03	10	16	25	25	18	15	03	126
300	25	17	16	15	23	21	22	25	26	26	28	27	271
350	28	25	26	23	26	22	23	25	26	26	28	31	309
400	29	26	28	23	26	22	23	25	26	26	28	31	313

Results of Surface Observations,
MACQUARIE – JAN., 1956

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	0151	43	42	40	14	26	72	8	21	6	8	0	5	2		3								
01	04	0139	43	43	43	14	22	72	8	61	6	8	0	3	2		3								
01	07	0119	44	44	44	14	13	06	8	50	5	8	6	2			3								
01	10	0117	45	45	45	14	07	03	9	45	5	8	6	0											
01	13	0105	46	46	46	14	04	01	9	47	4	8	6	0											
01	16	0102	49	49	49	03	05	01	9	45	4	8	6	0											
01	19	0105	51	51	51	36	16	03	9	43	4	8	6	0											
01	22	0113	50	50	50	36	12	01	9	45	5	8	6	0						13	31	496	0035	51	41
02	01	0104	50	50	50	36	16	01	9	45	4	8	6	0											
02	04	0102	47	47	47	33	08	01	9	45	4	8	6	0											
02	07	0104	49	49	49	36	19	01	9	45	4	8	6	0											
02	10	0095	49	49	49	33	04	03	9	41	4	8	6	0											
02	13	0071	50	49	47	16	02	32	3	05	4	1	5	4	0	5	3								
02	16	0044	48	47	47	16	06	24	8	05	1	8	6	2			3								
02	19	0015	47	47	47	13	03	03	9	47	4	8	6	0											
02	22	9977	47	47	47	09	07	03	9	60	4	8	6	0						36	32	285	0002	52	46
03	01	9951	49	49	49	35	27	16	8	50	6	8	6	2			8								
03	04	9948	46	46	46	33	22	24	8	10	5	8	6	2			8								
03	07	9952	46	46	46	33	10	40	8	05	2	8	6	2			7								
03	10	9955	47	47	46	33	09	80	8	05	2	8	5	5			7								
03	13	9949	49	48	47	33	11	48	6	01	2	6	5	5	0	0	7								
03	16	9940	49	49	48	35	17	04	9	47	5	8	6	0											
03	19	9942	47	47	46	34	12	48	8	05	4	8	6	5			7								
03	22	9948	47	47	46	34	13	48	8	05	2	8	5	4			7			35	48	290	0005	51	45
04	01	9943	47	47	46	36	16	32	8	50	5	8	6	4			8								
04	04	9932	48	48	48	01	20	04	9	47	4	8	6	0											
04	07	9934	47	47	47	34	13	16	8	10	5	8	6	2			7								
04	10	9937	49	49	48	29	10	16	8	10	2	8	6	2											
04	13	9937	49	48	47	33	13	80	5	01	2	1	6	3	3	1	7								
04	16	9933	50	49	48	33	12	40	7	05	2	6	5	5	0	1	7								
04	19	9932	47	47	47	34	12	40	7	05	2	6	5	5	0	1	7								
04	22	9931	47	46	46	34	11	40	8	05	2	8	5	3			7			35	33	338	0002	51	46
05	01	9919	45	45	45	31	04	02	9	45	4	8	6	0											
05	04	9917	45	45	45	31	16	04	9	47	4	8	6	0											
05	07	9921	45	44	44	24	10	16	8	10	2	8	5	3			5								
05	10	9920	46	44	41	26	13	81	8	02	2	8	5	4			6								
05	13	9914	47	44	39	26	12	82	6	01	2	6	8	5	3	0	6								
05	16	9922	42	40	37	20	07	81	8	20	5	8	5	5			4								
05	19	9952	38	37	35	20	06	56	8	25	8	8	8	5			4								
05	22	9968	38	36	33	18	07	82	8	02	8	8	5	5			6			26	29	269	0000	48	37
06	01	9974	38	34	27	26	15	82	8	02	2	8	5	6			6								
06	04	9980	39	35	28	22	03	82	8	02	2	8	5	7			6								
06	07	9982	42	38	32	29	14	82	6	01	2	4	5	7	3	1	6								
06	10	9981	43	40	35	31	18	81	8	25	8	7	8	5	1		6								
06	13	9971	45	41	37	31	20	81	8	80	8	2	8	5	1		6								
06	16	9972	45	43	41	27	17	82	6	21	1	1	8	4	7	0	6								
06	19	9983	42	40	37	27	21	81	7	25	8	6	8	4	3		6								
06	22	9999	41	38	33	27	13	81	8	02	2	8	5	5			6			25	32	290	0008	46	38
07	01	9959	41	39	36	27	12	81	3	01	1	1	8	5	3	0	6								
07	04	9997	43	41	37	29	17	82	8	02	2	6	5	5	3		6								
07	07	9989	43	41	39	31	19	82	8	80	2	8	8	5			6								
07	10	9983	46	44	41	28	18	83	6	02	8	6	5	5	0	0	6								
07	13	9982	45	43	39	28	22	83	7	02	8	7	8	5			6								
07	16	9976	42	41	40	29	22	40	8	61	6	8	0	5	2		6								
07	19	9960	43	43	42	27	17	40	8	61	6	8	0	5	2		6								
07	22	9962	44	43	41	28	25	40	8	02	2	8	0	5	2		6			28	39	398	0025	47	39
08	01	9972	42	41	39	27	22	40	8	61	6	8	0	5	2		6								
08	04	9987	41	39	38	26	20	40	7	01	2	3	7	4	2		6								
08	07	9997	40	39	38	26	12	40	8	61	6	3	7	4	2		6								
08	10	0004	41	40	39	26	08	80	8	61	6	4	7	5	2		6								
08	13	0010	40	39	38	26	10	80	8	61	6	3	7	4	2		6								
08	16	0017	39	38	37	00	00	40	8	61	6	3	7	4	2		6								
08	19	0039	39	38	37	00	00	80	7	01	6	4	5	5	3		6								
08	22	0060	39	38	36	00	00	80	6	02	2	4	5	5	3	0	6			26	33	511	0035	43	38
09	01	0063	40	39	37	05	02	80	7	03	1	6	5	5	3										
09	04	0062	39	37	35	05	01	40	8	61	6	8	0	7	2										
09	07	0063	42	41	41	09	05	16	8	63	6	4	7	3	2										
09	10	0050	44	44	43	12	10	81	8	21	6	8	6	2											
09	13	0032	49	49	49	36	11	05	9	47	4	8	6	0											
09	16	0027	46	46	46	30	14	03	9	47	4	8	6	0											
09	19	0044	47	46	44	27	18	81	8	02	2	8	5	5			6								
09	22	0054	46	45	44	31	13	80	8	02	2	8	5	4			6			26	27	135	0059	49	39

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
		inb × 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	0059	46	45	44	29	16	81	8	02	2	8	5	4			6								
10	04	0066	45	44	43	30	14	82	8	02	2	8	5	4			6								
10	07	0069	47	46	45	33	07	82	8	02	2	8	5	4			6								
10	10	0068	48	47	46	36	07	80	8	02	2	8	6	3											
10	13	0041	49	49	49	36	11	02	9	47	4	8	6	0											
10	16	0035	48	48	48	29	17	02	9	45	4	8	6	0											
10	19	0043	46	46	46	29	18	02	9	45	4	8	6	0											
10	22	0055	46	46	46	29	18	02	9	45	4	8	6	0						36	26	296	0000	50	45
11	01	0056	45	45	45	31	16	16	8	05	4	8	6	3											
11	04	0053	46	46	46	29	15	02	9	50	4	8	6	0											
11	07	0056	48	48	48	29	12	82	8	40	4	7	6	3	3										
11	10	0051	48	48	48	36	17	08	8	10	4	8	6	2			8								
11	13	0032	48	48	48	32	14	08	8	10	6	8	6	1											
11	16	0026	48	48	48	32	21	04	9	45	4	8	6	0											
11	19	0029	48	47	47	33	15	24	8	10	4	6	6	2	7		6								
11	22	0020	48	48	48	34	22	04	9	45	4	8	6	0						33	30	349	0002	50	45
12	01	0019	49	49	49	34	26	04	9	45	4	8	6	0											
12	04	0022	48	48	48	34	22	04	9	45	4	8	6	0											
12	07	0025	48	48	48	34	15	02	9	47	5	8	6	0											
12	10	0018	49	49	49	34	16	04	9	45	4	8	6	0											
12	13	0022	48	48	48	32	14	02	9	60	4	8	6	0											
12	16	0033	47	47	47	33	10	40	8	05	6	7	6	2	7		7								
12	19	0047	46	46	46	31	04	81	8	02	2	7	6	2	7		7								
12	22	0049	47	47	47	32	05	40	8	62	6	8	0	2	2		7			34	32	467	0021	50	46
13	01	0050	46	46	46	30	03	08	8	10	5	8	6	2			7								
13	04	0048	46	46	46	31	02	03	9	45	6	8	6	0											
13	07	0055	47	47	47	31	02	03	9	45	4	8	6	0											
13	10	0061	49	49	49	32	04	40	8	03	4	7	6	2	3		7								
13	13	0064	49	49	49	31	05	00	9	47	4	8	6	0											
13	16	0060	48	48	48	30	06	00	9	45	4	8	6	0											
13	19	0050	48	48	48	31	06	03	9	43	6	8	6	0											
13	22	0035	51	51	51	01	23	01	9	62	6	8	6	0						35	37	190	0012	52	46
14	01	0010	51	51	51	35	27	01	9	45	6	8	6	0											
14	04	0005	49	49	49	34	18	01	9	60	6	8	6	0											
14	07	0010	48	48	48	32	21	01	9	60	6	8	6	0											
14	10	0010	48	48	48	34	09	01	8	58	6	8	6	1			8								
14	13	0006	49	49	49	31	06	00	9	47	6	8	6	0	3										
14	16	0014	45	45	44	16	18	24	8	05	4	8	6	3			4								
14	19	0030	43	43	42	16	32	08	8	10	2	8	6	3			4								
14	22	0039	43	43	42	15	32	08	8	10	5	8	6	2			4			35	44	366	0035	53	42
15	01	0043	43	43	42	15	32	08	8	10	5	8	6	2			4								
15	04	0036	42	42	41	15	32	08	8	10	5	8	6	2			4								
15	07	0043	43	43	42	15	30	16	8	10	5	8	6	2			3								
15	10	0045	43	42	42	16	25	81	8	05	2	8	6	3			3								
15	13	0058	43	43	42	16	16	81	8	02	2	8	5	3			3								
15	16	0072	43	42	41	17	11	81	8	02	2	8	5	4			4								
15	19	0082	43	42	41	19	02	81	8	02	2	8	5	4			4								
15	22	0089	43	42	41	26	01	81	8	02	2	8	5	4			5			15	39	627	0013	44	42
16	01	0069	44	43	43	35	09	40	8	51	2	8	6	2			8								
16	04	0035	44	44	44	04	09	48	8	61	6	8	6	3	2		1								
16	07	9975	48	48	48	36	11	08	8	61	6	8	0	3	2		8								
16	10	9930	50	50	50	36	35	16	8	63	6	3	7	3	2		8								
16	13	9869	48	48	48	34	20	08	8	60	6	8	7	3			8								
16	16	9847	47	46	45	30	32	24	8	10	6	8	6	4			6								
16	19	9871	46	45	44	28	35	24	8	10	2	8	6	4			6								
16	22	9910	45	43	41	27	33	40	8	05	2	8	6	4			6			28	53	276	0053	51	43
17	01	9925	46	45	44	27	28	80	8	05	2	8	5	4			6								
17	04	9950	44	43	42	27	33	40	8	25	8	8	5	4			6								
17	07	9987	43	41	37	27	34	40	7	16	8	7	8	4			6								
17	10	0001	43	41	37	27	35	80	7	25	1	7	8	4			6								
17	13	0023	43	39	34	27	35	81	7	25	8	7	8	5			6								
17	16	0047	44	41	36	27	30	81	2	01	8	2	8	4	0	0	6								
17	19	0058	42	40	37	27	28	80	6	25	8	6	8	5	3	0	6								
17	22	0078	43	41	39	26	31	40	6	81	8	6	8	5	0	0	6			27	56	745	0032	46	40
18	01	0087	42	39	34	27	28	48	2	25	8	2	8	4	0	0	6								
18	04	0098	41	39	36	26	24	81	5	25	8	5	8	6	0	1	6								
18	07	0109	43	39	32	27	24	81	7	15	8	7	8	5			6								
18	10	0109	43	39	33	27	14	81	8	25	8	8	8	5			6								
18	13	0105	45	40	33	27	12	82	8	02	8	8	8	5			6								
18	16	0099	43	40	34	26	07	82	8	02	2	2	5	6	1		6								
18	19	0082	42	39	33	00	00	82	8	02	2	2	5	6	1										
18	22	0051	42	39	34	10	07	82	6	01	2	6	5	5	0	0	1			27	42	695	0006	46	40

Results of Surface Observations,
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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	9990	42	41	40	11	20	80	8	03	2	8	0	5	2		2								
19	04	9959	41	41	40	11	24	24	8	60	6	8	0	5	2		2								
19	07	9935	43	43	43	11	21	16	8	51	6	8	6	3			2								
19	10	9924	43	43	43	11	14	12	8	51	6	8	0	5	2										
19	13	9905	48	47	46	31	20	24	8	05	2	8	6	3			7								
19	16	9921	48	47	46	30	18	48	8	05	2	8	6	3			6								
19	19	9973	42	42	41	16	23	24	8	05	2	8	6	3											
19	22	0039	42	41	40	15	18	24	8	50	5	8	5	4			2			11	33	364	0020	50	41
20	01	0072	42	40	38	14	16	80	8	02	5	8	5	4			2								
20	04	0114	41	40	38	13	07	80	8	02	2	8	5	4			2								
20	07	0129	41	40	39	10	09	81	8	02	2	8	5	4			2								
20	10	0138	41	40	38	09	10	82	8	02	2	8	5	5			2								
20	13	0124	43	42	43	11	10	81	8	02	2	4	6	4	1		2								
20	16	0112	43	43	42	11	10	64	8	05	2	6	6	2			2								
20	19	0073	45	45	45	09	10	24	8	61	2	8	7	2			2								
20	22	0018	46	46	46	07	07	16	8	61	6	8	7	2			1			12	23	372	0011	48	40
21	01	9908	48	48	48	05	07	08	8	61	6	8	7	2			1								
21	04	9858	50	50	50	34	21	00	9	45	6	8	6	0											
21	07	9813	50	50	50	33	33	04	9	43	4	8	6	0											
21	10	9798	47	46	45	31	39	80	8	05	2	8	5	5			6								
21	13	9839	45	43	40	29	33	81	8	02	2	8	5	5			6								
21	16	9868	44	42	39	27	39	81	8	02	2	8	5	4			6								
21	19	9901	43	41	37	27	38	81	8	02	2	8	5	4			6								
21	22	9937	43	41	38	27	29	80	8	02	2	8	5	5			6			26	61	431	0107	52	42
22	01	9944	42	39	35	27	24	80	8	02	2	8	5	4			6								
22	04	9946	42	39	35	27	18	81	7	01	1	8	5	6	7		6								
22	07	9937	43	42	41	34	08	40	8	61	6	8	6	3	2		7								
22	10	9915	44	44	44	00	00	08	8	58	6	8	6	2			6								
22	13	9921	46	44	40	27	31	40	7	05	3	7	8	5			6								
22	16	9925	47	45	44	28	21	81	6	01	1	3	8	5	3	0	6								
22	19	9921	45	44	44	29	20	80	8	25	8	8	8	5			6								
22	22	9916	45	44	44	30	19	80	5	02	8	8	5	0	0		6			27	42	661	0015	48	41
23	01	9904	45	45	44	30	23	80	7	25	8	7	8	5	3		6								
23	04	9899	44	43	41	28	18	80	7	02	3	6	8	5	3		6								
23	07	9907	45	44	42	29	21	24	8	10	2	8	6	4			6								
23	10	9909	46	44	41	28	26	81	7	25	3	7	8	4			6								
23	13	9907	46	43	40	29	25	82	7	25	1	7	8	5			6								
23	16	9890	45	44	43	31	21	81	8	60	2	8	5	5			6								
23	19	9841	44	44	43	34	16	16	8	10	6	8	7	3			6								
23	22	9766	47	47	47	32	31	16	8	61	6	8	6	2			7			27	47	537	0010	48	43
24	01	9745	47	47	47	32	26	40	8	60	6	8	6	2			7								
24	04	9721	47	46	45	32	26	48	1	02	0	1	5	4	0	1	7								
24	07	9751	47	46	45	30	24	81	4	03	0	3	5	4	0	0	7								
24	10	9736	48	46	45	31	18	24	6	05	1	6	8	4	3	0	6	6							
24	13	9751	49	47	44	30	20	40	6	05	2	5	8	4	3	1	6	6	6						
24	16	9766	46	43	39	29	30	81	7	25	2	7	8	5			6								
24	19	9819	43	41	39	27	25	40	8	25	8	8	8	4			6								
24	22	9882	42	39	35	27	31	40	4	25	8	4	8	4	3	0	5			27	55	595	0025	50	41
25	01	9921	42	39	34	27	31	80	3	25	8	3	8	4	3	0	5								
25	04	9961	42	39	35	27	27	80	3	25	8	3	8	4	0	0	5								
25	07	9997	43	41	38	27	21	80	5	25	8	5	8	4	0	0	5								
25	10	0020	45	42	38	26	17	82	4	02	8	4	8	5	0	0	6								
25	13	0033	47	44	40	29	14	82	4	03	1	1	5	5	7	9	6								
25	16	0037	45	43	40	29	13	81	8	03	1	1	8	5	1		6								
25	19	0042	44	42	39	29	14	81	4	15	1	1	8	5	7	1	6								
25	22	0046	44	42	40	29	16	81	3	02	2	2	8	4	3	1	6			26	46	607	0006	47	41
26	01	0036	44	42	40	30	13	81	3	02	0	3	5	5	0	0	6								
26	04	0022	45	44	43	34	08	82	8	02	2	7	5	5	1		7								
26	07	0000	45	45	45	36	19	81	8	02	2	8	6	2			8								
26	10	9973	46	46	46	35	17	08	8	60	6	8	7	2			8								
26	13	9945	47	47	46	32	17	24	8	05	6	8	5	4			7								
26	16	9912	46	46	46	35	07	16	8	61	6	8	7	2			8								
26	19	9894	45	45	45	30	21	81	8	02	6	8	5	4			6								
26	22	9890	45	45	44	29	17	80	8	02	6	8	5	4			6			27	34	331	0007	47	43
27	01	9900	44	43	42	27	26	40	8	25	8	8	8	4			6								
27	04	9907	43	42	41	27	22	40	8	25	8	8	8	4			6								
27	07	9950	43	42	40	25	18	40	8	25	8	7	8	4	7		5								
27	10	9976	42	39	33	26	13	81	7	15	8	5	8	5	0	8	6								
27	13	0006	42	40	38	26	20	81	2	27	8	1	3	5	3	8	6								
27	16	0024	45	41	35	26	26	81	2	27	8	2	3	5	0	0	5								
27	19	0041	42	40	37	26	24	81	3	15	8	3	3	5	0	9	5								
27	22	0058	41	39	36	26	24	81	5	25	8	2	3	5	3	8	5			26	54	480	0015	46	39

Results of Surface Observations,
MACQUARIE – JAN., 1956

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	0070	41	40	38	26	24	81	4	27	8	4	3	5	0	0	5								
28	04	0092	42	39	35	26	27	82	2	16	8	2	3	5	0	0	5								
28	07	0118	44	41	36	26	26	82	4	25	8	2	3	5	3	0	5								
28	10	0126	44	41	37	26	27	80	5	25	8	4	8	5	3	1	6	6	6						
28	13	0133	46	43	39	27	22	80	5	15	8	4	8	5	3	1	6	6	6						
28	16	0130	45	43	41	29	22	81	7	02	2	7	8	5	0	8	6								
28	19	0119	45	43	41	30	26	80	8	02	2	5	5	7	3	8	6	6							
28	22	0097	45	45	44	32	22	80	7	02	2	5	5	5	7		6			25	54	611	0009	47	39
29	01	0050	45	45	44	32	27	80	8	02	2	8	5	5			6								
29	04	9965	46	46	46	34	34	08	8	60	6	3	7	2	2		7								
29	07	9911	47	47	47	32	33	08	8	62	6	3	7	3	2		7								
29	10	9910	45	45	44	29	21	81	8	60	6	7	8	4	1		6								
29	13	9905	46	44	41	29	19	81	7	02	2	7	8	5			6								
29	16	9900	45	43	40	29	24	82	5	02	2	4	8	5	3	1	6								
29	19	9913	42	41	40	27	26	81	8	03	8	2	7	4	1		6								
29	22	9920	42	40	36	27	33	80	8	60	6	3	7	4	2		6			26	54	634	0028	48	40
30	01	9923	42	39	36	27	34	64	8	80	8	8	8	5			6								
30	04	9946	41	39	37	27	24	82	8	25	8	8	8	4			6								
30	07	9977	43	40	35	23	19	82	3	16	8	3	8	4	0	0	5								
30	10	0006	44	40	34	25	20	40	7	16	8	5	8	5	0	1	5								
30	13	0034	44	41	37	22	15	40	7	15	2	7	8	5			5								
30	16	0054	44	40	34	23	14	81	5	02	2	5	5	4	3	9	5								
30	19	0064	41	38	33	27	15	81	4	02	1	4	5	5	0	0	5								
30	22	0053	43	41	38	27	20	85	5	02	1	3	5	4	3	0	5			27	58	585	0007	47	39
31	01	0024	45	45	45	31	21	08	8	10	2	8	6	2			6								
31	04	9994	45	45	45	30	30	24	8	05	2	8	6	2			6								
31	07	9992	45	45	45	29	24	08	8	10	2	8	6	2			6								
31	10	9986	46	46	46	29	21	24	8	10	2	8	6	3			6								
31	13	9986	48	47	46	27	25	48	8	05	2	8	7	3			6								
31	16	9988	46	45	44	27	22	81	8	15	2	8	5	4			6								
31	19	0001	43	40	35	27	18	81	2	02	0	1	5	4	3	1	6								
31	22	0023	44	41	36	27	33	81	1	25	8	1	2	5	0	0	6			26	59	470	0002	48	41

Results of Surface Observations,
MACQUARIE – Feb., 1956

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	0040	42	40	37	27	29	81	5	25	8	2	2	5	3	0	6								
01	04	0070	43	40	35	27	30	82	2	15	8	2	2	5	0	1	6								
01	07	0087	44	40	34	27	30	82	1	02	0	1	8	5	0	1	6								
01	10	0090	44	41	37	27	29	86	8	15	8	3	3	4	7		6								
01	13	0095	46	43	39	27	29	80	8	25	8	5	8	5	7		6								
01	16	0089	45	43	40	29	28	40	8	05	8	4	8	5	7	8	6								
01	19	0079	45	43	41	29	25	40	8	15	8	6	8	4	7		6								
01	22	0068	45	44	43	30	27	80	8	02	2	5	5	4	7		6			27	54	645	0004	46	40
02	01	0048	46	45	42	30	29	80	7	02	2	5	5	5	3		6								
02	04	0026	46	44	41	31	29	80	8	02	2	6	8	5	3		6								
02	07	0007	46	45	43	31	25	80	7	02	2	5	5	5	3		6								
02	10	9987	47	45	43	31	24	81	8	02	2	7	5	5	1		6								
02	13	9957	47	46	45	31	27	80	8	02	2	8	5	5			6								
02	16	9941	47	45	44	29	24	80	7	15	8	7	8	5			6								
02	19	9934	44	43	42	29	23	80	8	25	8	6	7	4	1		6								
02	22	9934	44	41	37	27	24	80	7	01	2	3	5	5	7		6			26	44	669	0001	48	41
03	01	9934	43	39	34	27	26	80	7	02	2	7	8	4			6								
03	04	9946	40	39	38	27	28	81	8	15	8	5	8	5	0	9	6								
03	07	9969	42	39	34	27	31	81	4	16	8	4	2	5	0	0	6								
03	10	9979	44	41	36	27	31	80	5	15	8	5	8	5	0	0	6								
03	13	9992	39	39	38	26	25	24	8	84	8	5	8	5			6								
03	16	9992	43	40	35	27	30	40	6	25	8	5	8	5	5	0	6								
03	19	9990	42	40	38	27	25	40	6	15	8	4	8	4	5	1	6								
03	22	9967	43	42	41	29	31	40	8	80	8	8	8	4			6			27	54	658	0004	46	38
04	01	9942	44	43	42	30	32	80	7	02	8	7	5	5			6								
04	04	9926	42	41	40	28	31	80	7	25	8	7	8	4	3		6								
04	07	9923	43	42	40	27	31	80	7	25	8	7	8	4	3		6								
04	10	9924	41	40	39	26	23	81	5	25	8	5	8	4	0	0	6								
04	13	9921	42	40	37	27	18	81	7	25	8	7	2	5			6								
04	16	9919	42	37	29	27	25	81	6	26	8	6	2	5	0	0	6								
04	19	9915	38	36	35	27	23	81	3	15	8	2	2	5	3	0	6								
04	22	9907	40	37	33	27	27	81	7	03	8	7	2	5			6			26	53	651	0014	44	36
05	01	9889	37	36	35	24	12	40	8	50	5	8	5	4			5								
05	04	9873	39	37	34	27	26	81	7	16	8	7	3	5			6						4		
05	07	9873	38	36	34	27	25	81	7	90	8	7	2	5			6								
05	10	9867	41	39	36	26	25	80	6	27	8	6	8	5	3	0	6								
05	13	9868	37	37	37	25	18	40	7	84	8	7	8	5	3		5								
05	16	9875	39	38	37	27	15	40	7	15	8	7	2	5			5								
05	19	9881	38	37	35	20	12	40	5	16	8	5	2	5	0	0	5								
05	22	9898	37	36	33	22	12	40	8	26	8	8	8	5			5			27	51	519	0020	42	34
06	01	9900	38	36	34	20	13	40	7	26	8	7	8	5			5								
06	04	9909	38	37	35	22	12	80	8	26	8	8	8	5			5								
06	07	9916	40	38	35	20	08	80	8	26	8	8	8	5			5								
06	10	9915	40	38	35	27	17	81	7	15	2	6	5	5	3		6								
06	13	9897	39	38	37	26	13	80	8	15	7	8	8	5			6								
06	16	9881	40	39	38	26	09	80	8	02	8	7	8	5	3		6								
06	19	9866	40	40	39	29	03	80	8	20	5	8	5	4			6								
06	22	9859	41	41	40	27	14	16	8	51	5	8	6	4						22	38	350	0019	43	36
07	01	9854	41	41	40	26	14	16	7	25	8	7	8	5											
07	04	9865	41	40	38	24	11	81	7	02	2	7	8	5			6								
07	07	9870	41	40	39	27	11	81	7	02	8	5	4	5	8	1	6		7						
07	10	9855	43	42	41	27	05	80	7	25	8	6	8	4	3		6								
07	13	9818	43	42	41	29	18	40	8	60	6	5	7	3	1		6								
07	16	9779	42	41	40	28	12	40	8	61	6	4	7	3	2		6								
07	19	9754	41	40	39	25	10	40	8	61	6	3	7	4	2										
07	22	9766	39	38	37	22	05	40	5	01	6	5	6	5						27	36	298	0011	44	38
08	01	9799	40	38	34	24	10	80	3	05	1	3	6	5	0	0	5								
08	04	9827	40	37	31	24	12	80	7	25	8	7	8	4	3		5								
08	07	9858	41	38	33	20	10	80	8	02	8	6	8	5	0	8	5								
08	10	9870	44	40	35	22	07	81	7	02	1	4	8	4	3	8	5	6							
08	13	9884	44	39	31	26	20	81	7	80	8	6	8	5	3	2	6	6							
08	16	9894	41	37	30	25	12	81	7	16	2	6	8	5	5	1	5								
08	19	9917	39	36	29	22	10	81	7	02	8	5	8	5	0	1	5								
08	22	9927	40	36	29	26	11	81	8	80	8	8	5	5			6			26	42	306	0034	45	35
09	01	9920	40	38	35	27	21	81	8	80	8	8	5	5			6								
09	04	9921	40	37	32	27	27	80	8	80	8	8	5	5			6								
09	07	9941	37	36	34	20	17	81	2	15	8	2	8	4	0	0	5								
09	10	9959	42	38	31	21	12	81	6	15	8	6	8	5	0	0	5								
09	13	9983	44	39	31	23	10	82	4	02	1	4	1	5	0	0	5								
09	16	0006	43	38	31	23	11	82	6	02	1	4	1	5	0	0	5		5						
09	19	0034	40	36	29	23	05	83	4	02	1	2	1	5	3	9	5	5	5						
09	22	0052	38	35	29	22	03	83	1	01	1	1	5	5	0	0	5			27	49	369	0010	45	35

Results of Surface Observations,
MACQUARIE – Feb., 1956

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
		iib × 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	0050	37	34	30	00	00	82	1	02	0	1	5	5	0	0	5								
10	04	0049	36	35	30	35	03	82	1	02	0	1	0	9	3	0									
10	07	0029	43	40	35	36	12	82	7	03	0	7	0	9	7										
10	10	9997	44	43	41	36	22	80	8	20	5	8	5	4			8								
10	13	9950	46	46	46	33	27	16	8	58	5	8	6	2			7								
10	16	9973	47	45	44	29	22	80	7	02	2	7	5	4			7								
10	19	0003	45	42	38	26	30	40	7	02	2	7	5	5			6								
10	22	0016	45	43	42	27	25	40	8	02	2	8	5	5			6			26	46	219	0001	49	36
11	01	0035	44	41	37	26	34	80	7	02	2	7	5	5			6								
11	04	0057	43	41	38	27	26	40	7	02	2	7	5	5			6								
11	07	0086	44	41	38	27	23	80	7	02	2	7	5	5			6								
11	10	0092	45	42	38	27	17	81	7	02	2	7	5	5	0	1	6								
11	13	0098	47	45	43	31	08	81	7	02	2	7	5	5			6								
11	16	0091	47	45	43	33	08	82	1	02	0	1	5	5	0	2	7								
11	19	0085	44	42	40	33	12	81	8	03	1	8	5	5			7								
11	22	0065	45	43	41	34	09	81	8	02	2	8	5	5			7			26	57	639	0005	48	42
12	01	0013	45	44	43	36	09	81	8	60	6	8	0	4	2		7								
12	04	9935	46	46	46	36	33	24	8	61	6	8	7	3	2		7								
12	07	9897	48	48	48	35	23	02	9	45	6	8	6	0											
12	10	9868	48	48	48	35	22	08	8	63	6	8	6	3	2										
12	13	9857	47	47	47	27	25	40	7	02	2	7	5	5			6								
12	16	9858	46	45	44	31	25	40	7	02	6	7	5	4			6								
12	19	9860	45	44	42	30	34	40	3	01	2	3	5	4	0	0	6								
12	22	9861	44	43	42	30	30	40	5	25	8	5	5	5	0	0	6			36	52	355	0025	49	43
13	01	9853	44	42	39	30	32	40	8	25	8	8	5	5			6								
13	04	9861	43	41	39	27	26	40	7	81	8	7	5	4			6								
13	07	9878	43	42	39	27	30	40	8	80	8	8	8	5	0		6								
13	10	9903	43	42	41	27	29	81	8	02	2	8	5	4			6								
13	13	9928	45	43	39	26	29	81	8	16	2	8	8	5			6								
13	16	9961	44	43	41	27	31	81	8	16	5	8	8	5			6								
13	19	9998	43	42	41	26	30	81	8	50	2	8	7	4			6								
13	22	0037	42	41	39	26	30	80	8	02	2	8	7	4			6			27	50	739	0011	46	41
14	01	0070	42	40	38	26	24	80	8	02	2	8	5	5			6								
14	04	0093	43	43	43	28	19	24	8	10	2	8	6	3			6								
14	07	0112	45	44	43	28	22	81	7	25	3	7	8	5			6								
14	10	0126	46	46	45	30	20	81	7	02	2	6	5	4	3	9	6								
14	13	0137	46	45	44	31	18	40	8	05	2	8	5	5			6								
14	16	0137	46	45	44	31	18	80	8	05	2	8	5	5			6								
14	19	0138	45	44	43	32	18	40	8	02	2	8	5	5			6								
14	22	0123	45	45	44	32	20	16	8	51	2	8	5	5			6			26	37	637	0002	48	42
15	01	0098	45	45	45	33	21	40	8	02	2	8	5	5			6								
15	04	0081	45	45	45	34	19	04	8	61	6	8	0	2	2										
15	07	0098	46	45	43	23	06	81	7	02	6	1	1	4	0	6	5								
15	10	0115	46	44	40	32	02	81	2	02	0	2	8	5	0	1	6								
15	13	0124	47	44	41	26	17	81	7	03	2	7	8	5	3		6								
15	16	0123	46	44	41	29	15	82	6	02	2	6	8	5	3	0	6								
15	19	0119	44	43	41	29	21	81	3	02	1	3	8	4	3	0	6								
15	22	0108	44	43	42	30	24	81	8	80	3	8	8	5			6			27	38	474	0007	48	41
16	01	0122	42	41	39	27	27	80	8	80	8	8	8	5			6								
16	04	0136	42	39	33	27	27	81	1	16	8	1	2	5	0	0	6								
16	07	0163	42	40	38	27	26	81	6	25	8	6	8	4	0	0	6								
16	10	0179	44	40	34	27	26	81	7	02	2	7	8	5			6								
16	13	0192	46	42	37	27	26	81	8	02	0	2	8	4	0	0	6								
16	16	0202	45	45	44	28	18	08	8	50	2	8	6	2			6								
16	19	0219	44	43	42	27	21	40	8	02	2	8	5	4			6								
16	22	0231	44	43	42	27	19	80	8	02	2	8	6	4			6			27	47	513	0005	47	41
17	01	0236	44	43	43	27	22	80	8	02	2	8	5	5			6								
17	04	0242	44	43	42	27	19	80	8	02	2	8	5	5			6								
17	07	0250	44	43	42	27	21	81	8	02	2	8	5	5			6								
17	10	0254	44	43	41	27	19	81	8	16	2	8	5	5	1		6								
17	13	0248	46	45	44	31	16	81	7	02	2	7	5	5			6								
17	16	0240	45	44	43	31	17	81	8	02	2	8	5	5			6								
17	19	0231	45	44	44	31	19	81	8	02	2	8	5	5			7								
17	22	0229	46	45	44	31	21	81	8	02	2	8	5	4			7			27	32	517	0000	48	43
18	01	0218	45	45	44	31	21	81	8	50	5	8	5	5			7								
18	04	0205	45	44	44	32	22	81	8	02	2	8	5	5			7								
18	07	0195	46	45	44	32	24	81	8	02	2	8	5	5			7								
18	10	0185	46	45	44	32	26	80	8	02	2	8	5	4			7								
18	13	0175	47	46	46	32	23	80	8	02	2	8	5	5			7								
18	16	0177	45	45	45	30	16	04	9	45	4	8	5	0			7								
18	19	0201	42	40	38	19	07	81	2	01	4	2	5	4	0	1	4								
18	22	0217	42	41	39	23	05	81	5	03	0	5	5	5	0	0	5			32	32	493	0000	47	41

Results of Surface Observations,
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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			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
												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	0222	42	40	36	27	18	81	2	02	1	1	5	5	3	0	6	6							
19	04	0238	42	40	36	22	06	81	7	02	2	7	5	5			5								
19	07	0249	43	40	36	27	09	81	7	02	2	7	8	5			6								
19	10	0256	45	42	38	26	14	82	1	02	0	1	5	5	0	0	6								
19	13	0255	47	43	39	26	17	82	4	02	0	4	8	5	0	0	6								
19	16	0253	45	42	38	27	17	82	3	02	0	3	8	5	0	1	6								
19	19	0256	43	40	38	27	07	82	3	02	1	3	5	5	0	0	6								
19	22	0251	42	41	39	27	17	82	1	02	1	1	5	5	0	0	6			27	37	321	0003	47	41
20	01	0250	42	41	39	24	04	82	5	03	0	5	8	5	0	0	5								
20	04	0242	41	39	36	26	14	82	8	02	2	8	8	5			5								
20	07	0241	41	39	36	24	05	82	8	02	2	8	5	5			5								
20	10	0236	42	39	34	27	14	82	8	02	2	8	5	4			5								
20	13	0224	44	40	35	26	20	82	5	01	2	5	5	5	0	0	5								
20	16	0206	43	40	35	27	23	82	4	02	1	4	1	5	0	1	5								
20	19	0209	43	41	39	26	25	82	6	03	1	5	5	5	0	2	5								
20	22	0202	45	44	42	27	21	82	8	02	2	8	5	4			5			27	45	288	0000	45	39
21	01	0192	45	44	44	27	18	81	8	02	1	8	6	3			6								
21	04	0176	44	44	44	27	21	80	8	61	6	8	0	4	2		6								
21	07	0173	45	45	45	28	20	40	8	60	6	8	0	4	2		6								
21	10	0154	45	45	45	27	22	16	8	60	6	8	0	3	2		6								
21	13	0133	46	46	46	27	25	04	9	47	6	8	6	0											
21	16	0125	46	45	45	25	18	04	8	60	6	8	0	2	2		5								
21	19	0135	44	44	43	23	04	16	8	10	4	8	6	2			5								
21	22	0143	44	43	42	23	04	40	5	10	2	5	5	4	0	0	5			27	48	492	0011	47	43
22	01	0136	43	42	41	25	12	80	1	02	0	1	5	4	0	0	6								
22	04	0133	43	43	43	28	03	04	9	45	4	8	6	0											
22	07	0126	44	44	44	27	16	04	9	45	4	8	6	0											
22	10	0114	46	46	46	27	14	04	9	45	4	8	6	0											
22	13	0099	48	47	46	27	23	04	9	43	4	8	6	0											
22	16	0093	45	45	45	28	15	04	9	45	4	8	6	0											
22	19	0084	45	45	45	27	15	04	9	45	4	8	6	0											
22	22	0076	45	45	45	27	21	04	8	60	4	8	7	0			6			26	40	332	0013	48	42
23	01	0066	44	44	44	27	16	04	8	61	4	8	7	0			6								
23	04	0046	44	44	44	28	13	03	9	45	4	8	6	0											
23	07	0032	45	44	44	28	23	64	7	05	4	5	6	3	0	1	6								
23	10	0018	45	45	44	31	15	40	8	02	2	8	6	3			7								
23	13	9992	47	46	46	31	15	40	8	02	2	8	6	2			7								
23	16	9954	47	47	46	34	13	24	8	10	2	8	6	2			7								
23	19	9913	46	46	46	34	14	01	9	45	5	8	6	0											
23	22	9887	47	47	47	31	15	01	9	47	4	8	6	0						27	31	418	0003	46	43
24	01	9900	43	43	43	28	20	01	9	45	5	8	6	0											
24	04	9905	45	45	45	29	21	08	8	10	4	8	6	2			6								
24	07	9905	46	46	45	30	20	16	8	10	2	8	6	3			6								
24	10	9901	48	47	46	31	24	40	7	02	2	4	5	4	3		7	7							
24	13	9882	48	47	46	31	28	40	8	80	2	8	5	4			7								
24	16	9859	48	47	46	31	34	24	9	02	2	8	6	3			7								
24	19	9844	48	47	46	31	32	40	9	80	2	8	5	4			7								
24	22	9831	48	47	46	32	29	24	8	02	2	8	5	5			7			32	43	436	0003	50	43
25	01	9816	47	46	45	32	28	24	8	80	2	8	5	4			7								
25	04	9810	46	44	42	31	25	24	8	02	2	8	5	4			7								
25	07	9812	46	45	44	31	26	24	8	61	6	8	5	4			7								
25	10	9820	46	44	42	31	30	81	8	02	2	8	5	4			7								
25	13	9835	46	45	43	30	29	81	8	02	2	8	5	4			6								
25	16	9850	45	44	43	30	26	80	8	02	2	8	5	4			6								
25	19	9878	45	45	45	29	25	16	8	58	5	8	6	3			6								
25	22	9898	45	44	43	29	26	80	8	02	2	8	5	4			6			29	45	749	0003	47	44
26	01	9914	45	44	43	29	27	80	8	50	5	8	5	4			6								
26	04	9933	44	43	42	29	19	81	8	02	2	8	5	4			6								
26	07	9953	43	42	41	28	21	81	7	80	2	7	8	4			6								
26	10	9965	43	41	36	27	21	80	7	16	2	7	8	4			6								
26	13	9982	45	42	38	26	18	80	7	16	2	6	8	5	0	1	6								
26	16	9989	43	41	36	27	15	81	6	25	1	4	8	4	3	1	6								
26	19	0008	41	40	39	27	10	80	7	25	2	7	8	5			6								
26	22	0019	41	38	34	26	15	82	4	01	2	1	5	5	3	0	6			29	37	640	0001	46	39
27	01	0020	41	39	36	28	12	82	5	15	1	2	8	4	3	0	6								
27	04	0024	42	40	37	30	14	81	7	15	2	7	8	5			6								
27	07	0016	43	43	43	33	12	80	8	21	2	8	6	3			7								
27	10	9997	45	45	44	32	19	80	8	02	2	8	5	4			7								
27	13	0009	46	45	44	29	22	80	7	02	2	6	7	4	3		6								
27	16	0032	45	43	40	27	23	80	8	02	2	7	5	4	3		6								
27	19	0065	44	42	39	27	19	80	3	01	2	3	8	4	0	0	6								
27	22	0072	44	43	42	29	18	80	6	03	8	1	1	4	5	0	6			28	39	372	0003	48	40

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
28	01	0060	44	44	43	32	17	80	8	03	1	8	6	3			7								
28	04	0022	46	46	45	34	21	24	8	63	2	3	7	3	2		7								
28	07	9993	47	46	45	30	21	80	7	25	2	6	5	4	3		7								
28	10	0001	46	45	44	30	21	80	8	16	2	7	7	4	3		6								
28	13	0014	48	47	46	28	14	81	5	01	1	3	8	4	3	0	6								
28	16	0039	47	46	45	27	21	81	7	03	1	6	8	5	3		6								
28	19	0075	45	44	42	27	24	81	2	01	1	1	5	5	3	0	6								
28	22	0092	45	45	44	28	20	82	1	02	0	1	5	5	3	8	6			31	42	537	0016	49	43
29	01	0094	45	45	45	31	17	81	8	03	1	8	5	5			6								
29	04	0103	46	46	46	30	22	24	8	58	5	8	6	2			6								
29	07	0121	46	46	46	29	20	24	8	10	5	8	6	2			6								
29	10	0131	47	47	46	29	21	24	8	05	2	8	6	2			6								
29	13	0134	48	47	45	29	20	40	7	02	2	3	6	3	3	1	6								
29	16	0140	47	47	46	29	29	16	8	10	2	8	6	2			6								
29	19	0142	47	47	46	29	24	16	8	10	2	8	6	2			6								
29	22	0149	47	47	46	29	23	16	8	10	2	8	6	2			6			30	39	526	0003	49	44

Results of Surface Observations,
MACQUARIE – Mar., 1956

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
01	01	0158	46	46	46	29	20	08	8	10	2	8	6	2			6								
01	04	0168	46	46	46	28	20	08	8	10	2	8	6	2			6								
01	07	0179	45	45	45	29	12	01	9	45	4	8	6	0											
01	10	0177	46	46	46	30	14	04	9	47	4	8	6	0											
01	13	0156	46	46	46	31	18	04	9	45	4	8	6	0											
01	16	0139	46	46	46	30	21	01	9	47	4	8	6	0											
01	19	0108	47	47	47	31	21	01	9	47	4	8	6	0											
01	22	0076	46	46	46	31	25	01	9	45	4	8	6	0						32	37	499	0002	48	45
02	01	0015	48	48	48	31	32	04	9	43	4	8	6	0											
02	04	0034	46	44	41	27	41	24	8	10	4	8	8	4			6								
02	07	0102	43	40	35	27	26	40	8	02	2	8	5	5			6								
02	10	0123	43	40	36	27	26	81	1	25	1	8	5	5	0	0	6								
02	13	0145	44	40	34	27	22	81	5	16	8	5	8	5	0	0	6								
02	16	0158	44	40	34	26	21	81	7	02	1	6	8	5	3		6	6							
02	19	0160	43	40	34	27	20	81	7	02	2	6	8	5	0	1	6								
02	22	0157	43	41	37	27	17	81	8	02	2	8	5	5			6			30	65	634	0002	49	42
03	01	0135	44	41	38	28	23	81	7	02	2	7	5	5			6								
03	04	0125	44	42	39	28	27	81	5	02	2	5	5	3	0	0	6								
03	07	0122	45	43	40	27	27	82	8	02	2	8	5	5			6								
03	10	0119	45	44	42	28	21	80	8	02	2	8	5	5			6								
03	13	0109	45	43	40	27	26	80	8	02	2	8	5	5			6								
03	16	0093	45	43	40	28	23	81	7	02	2	7	5	5	0	8	6								
03	19	0084	45	44	42	29	20	80	8	02	2	8	5	4			6								
03	22	0067	44	43	42	29	24	80	8	02	2	8	5	4			6			27	45	571	0000	46	43
04	01	0049	44	43	42	29	23	80	8	02	2	3	5	4	3		6								
04	04	0040	45	43	41	29	26	80	8	02	2	8	5	5			6								
04	07	0022	45	44	43	29	25	80	8	02	2	8	5	5			6								
04	10	0012	45	43	41	29	24	81	8	02	2	7	5	4	1		6								
04	13	9989	45	44	42	29	25	80	8	50	6	0	4	4	2		6								
04	16	9935	45	44	44	33	32	40	8	50	6	0	4	4	2		6								
04	19	9903	46	46	45	30	32	16	8	51	6	8	6	3			6								
04	22	9891	46	44	42	29	34	40	8	21	6	8	6	4			6			29	47	583	0000	47	44
05	01	9878	45	43	41	28	34	24	8	21	6	8	7	4			6								
05	04	9898	42	39	35	27	36	80	8	25	8	8	8	4			6								
05	07	9953	42	39	34	27	31	81	6	16	8	6	8	4	0	0	6								
05	10	9983	44	40	35	27	31	82	4	80	1	4	8	4	0	0	6								
05	13	9996	44	41	36	26	29	82	5	16	8	5	8	5	0	0	6								
05	16	0000	44	41	36	26	25	82	5	01	8	4	8	4	3	0	6								
05	19	0003	43	40	35	27	28	82	4	16	8	4	8	4	0	0	6								
05	22	0010	43	40	34	27	23	82	2	02	0	2	5	5	0	0	6			27	67	753	0007	46	40
06	01	0013	42	39	33	27	23	82	4	25	8	4	8	5	0	0	6								
06	04	0027	40	38	35	26	14	82	2	25	8	2	8	4	0	0	6								
06	07	0050	41	39	37	27	19	82	6	16	8	6	8	4	0	0	6								
06	10	0068	43	40	35	23	10	81	6	25	8	6	8	5	0	0	5								
06	13	0101	44	41	36	20	13	81	7	80	8	7	8	5			5								
06	16	0124	44	41	36	18	09	81	5	02	2	5	7	5	0	0	4								
06	19	0145	41	38	33	18	02	81	5	25	8	7	5	4			5								
06	22	0153	41	38	34	25	10	81	4	02	2	4	5	5	0	0	5			27	56	545	0008	46	38
07	01	0150	41	39	36	25	11	81	7	03	1	7	5	5			5								
07	04	0144	41	39	36	28	05	81	8	25	8	7	5	5	3		6								
07	07	0138	43	40	35	29	07	81	7	02	2	2	8	5	5		6								
07	10	0126	44	39	32	32	06	82	6	02	1	1	7	5	4	5	7	6							
07	13	0094	44	40	34	34	12	82	8	03	1	3	0	9	1	7		6							
07	16	0041	44	41	37	36	09	82	8	02	2	3	5	6	2		8								
07	19	9981	40	39	38	01	15	40	8	63	6	3	7	4	2		8								
07	22	9914	44	43	42	36	18	24	8	60	6	8	7	4			8			35	50	236	0001	46	38
08	01	9830	46	46	46	36	34	08	8	58	6	8	7	4			8								
08	04	9804	46	46	46	32	13	01	9	45	5	8	6	0											
08	07	9774	46	46	46	32	12	01	9	51	4	8	6	0											
08	10	9736	47	47	47	34	17	12	8	63	4	8	6	2											
08	13	9713	47	47	47	32	24	16	8	10	5	8	6	2											
08	16	9770	45	43	41	26	32	32	8	10	5	8	5	4			6								
08	19	9823	45	43	40	29	23	81	8	01	5	8	5	5			6								
08	22	9847	45	42	39	29	23	81	8	02	2	8	5	5			6			36	53	429	0054	48	44
09	01	9847	45	43	40	31	22	81	8	02	1	8	5	5			7								
09	04	9833	46	45	43	33	26	81	8	02	2	8	5	5			7								
09	07	9826	46	46	45	33	28	40	8	05	2	8	6	3			7								
09	10	9831	46	45	44	32	22	40	7	10	5	5	5	5	3	1	7								
09	13	9835	48	46	43	31	22	80	6	03	1	5	0	9	0	6									
09	16	9839	47	45	42	31	17	80	7	02	1	4	0	5	0	1	7								
09	19	9847	45	44	43	32	19	80	2	02	0	0	0	9	0	1									
09	22	9847	45	44	43	32	20	40	8	10	0	0	0	9	0	7				32	36	664	0006	48	44

Results of Surface Observations,
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| LOCAL STANDARD TIME | | | TEMPERATURES | | | SURFACE WIND | | |

Results of Surface Observations,
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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
		inb × 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	9922	39	38	37	27	23	80	4	81	8	4	8	5	0	0	6								
19	04	9918	40	38	36	27	28	80	6	81	8	6	8	5	0	0	6								
19	07	9950	39	36	29	24	19	80	7	15	8	7	5	5			5								
19	10	9982	37	35	31	22	21	24	8	26	8	8	8	4			5								
19	13	0028	39	35	29	19	18	40	8	26	8	8	8	4			4								
19	16	0083	38	35	29	18	17	80	7	16	8	6	8	5	3		4								
19	19	0144	38	34	26	18	15	81	8	02	2	8	5	5			5								
19	22	0171	38	34	27	22	05	81	8	02	2	8	5	5			5			27	63	570	0018	42	36
20	01	0186	39	37	35	27	13	81	7	01	2	3	5	5	7		6								
20	04	0188	42	41	39	29	15	81	8	02	2	8	5	5			6								
20	07	0197	43	43	43	29	18	24	8	10	2	8	6	3			6								
20	10	0203	44	44	43	28	18	64	8	05	2	8	6	3			6								
20	13	0208	45	44	43	29	20	80	8	05	2	8	6	3			6								
20	16	0207	44	43	43	29	23	81	8	02	2	7	6	3	3		6								
20	19	0217	44	44	43	29	21	81	8	02	2	8	6	3			6								
20	22	0224	44	44	43	28	23	81	8	02	2	8	6	3			6			29	38	420	0002	45	38
21	01	0225	43	42	42	29	20	81	8	02	2	8	5	5			6								
21	04	0220	43	43	42	29	23	81	7	25	8	7	8	5			6								
21	07	0228	43	42	42	28	28	81	7	02	2	7	5	5			6								
21	10	0223	43	43	43	29	24	08	8	50	1	8	6	2			6								
21	13	0208	45	44	44	29	24	40	7	01	5	7	5	5			6								
21	16	0195	44	44	44	30	21	24	7	58	5	7	6	3	3		6								
21	19	0191	44	44	44	29	15	40	8	10	2	8	5	4			6								
21	22	0162	44	44	44	31	15	16	8	61	6	8	0	4	2		7			29	45	557	0001	45	43
22	01	0157	45	45	45	29	16	04	9	45	4	8	6	0											
22	04	0154	45	45	45	29	15	02	9	45	4	8	6	0											
22	07	0155	45	45	45	29	12	02	9	45	4	8	6	0											
22	10	0148	45	45	45	30	15	04	9	45	4	8	6	0											
22	13	0131	44	44	44	31	15	03	9	45	4	8	6	0											
22	16	0118	44	44	44	31	15	03	9	45	4	8	6	0											
22	19	0106	44	44	44	31	16	03	9	45	4	8	6	0											
22	22	0097	44	44	44	31	19	03	9	45	4	8	6	0						29	27	475	0013	45	43
23	01	0082	44	44	44	31	08	01	9	47	4	8	6	0											
23	04	0054	43	43	43	33	12	01	9	45	4	8	6	0											
23	07	0045	44	44	43	33	17	80	8	02	4	6	6	2	7										
23	10	0028	45	45	45	33	17	01	9	47	4	8	6	0											
23	13	9991	45	45	45	33	24	01	9	45	4	8	6	0											
23	16	9953	45	45	45	34	26	02	9	45	4	8	6	0											
23	19	9926	45	45	45	34	28	02	9	45	4	8	6	0											
23	22	9916	45	45	45	34	24	02	9	61	6	8	6	0						34	36	404	0006	46	42
24	01	9929	43	43	42	28	22	80	8	01	6	8	5	4			6								
24	04	9959	41	39	36	22	06	82	2	02	0	2	5	5	0	0	5								
24	07	9985	42	39	34	20	05	82	4	02	0	4	5	5	1	0	5								
24	10	9998	42	40	37	24	03	81	7	20	5	7	8	5	3	1	5								
24	13	0006	44	41	38	29	07	81	6	02	2	6	2	5	3	0	6								
24	16	0019	43	40	36	27	10	82	2	02	0	2	0	9	3	1									
24	19	0028	42	41	39	30	11	81	7	02	2	1	2	5	5		7	7							
24	22	0027	42	41	40	31	12	81	8	02	2	2	0	9	3	7				29	46	514	0004	45	39
25	01	0013	42	42	41	32	16	81	7	02	2	6	5	6	3		7								
25	04	0005	43	43	43	29	14	81	8	15	8	8	8	5	3		7	7							
25	07	0003	43	43	42	30	20	80	6	02	2	1	1	4	5	0	7	7							
25	10	9978	43	42	41	31	26	40	8	21	2	3	6	4	1		7								
25	13	9953	45	43	41	29	22	80	6	25	8	2	8	4	7	0	6								
25	16	9957	44	42	39	29	25	80	7	25	8	6	8	4	3		6								
25	19	9960	43	40	36	27	25	80	7	25	8	7	8	4			6								
25	22	9954	41	40	39	28	25	80	7	25	8	5	8	4	3		6	5		27	52	353	0004	46	40
26	01	9945	42	39	34	27	33	80	7	25	8	7	8	4			6								
26	04	9948	42	39	35	27	34	80	5	16	8	5	8	4	3	0	6								
26	07	9969	40	39	38	27	27	40	7	80	8	7	8	4			6								
26	10	9997	42	38	31	25	26	81	5	16	2	5	8	5	0	0	5								
26	13	0029	42	39	33	24	18	81	7	16	2	7	8	5			5								
26	16	0055	41	39	35	24	12	81	6	16	8	6	8	5	0	0	5								
26	19	0084	39	38	36	24	10	81	5	25	8	5	8	5	0	0	5								
26	22	0089	41	39	35	27	23	81	7	25	8	7	8	5			6			27	64	704	0015	43	38
27	01	0067	42	40	38	28	20	81	8	02	2	8	8	5			6								
27	04	9991	44	44	43	30	34	80	8	05	6	8	7	4			6								
27	07	9938	45	45	45	31	33	64	8	05	2	8	7	3			7								
27	10	9904	45	45	45	29	39	16	8	65	6	8	7	2	2		7								
27	13	9899	43	41	38	27	38	80	7	02	2	7	6	5			6								
27	16	9891	44	41	38	27	35	81	6	16	2	6	7	5	0	0	6								
27	19	9904	42	40	37	27	38	80	7	16	8	7	8	4			6								
27	22	9942	39	37	35	24	20	40	8	25	8	8	8	4						27	64	596	0021	47	37

Results of Surface Observations,
MACQUARIE – Mar., 1956

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	9980	38	35	29	23	18	80	7	25	8	7	8	4			5								
28	04	0016	38	35	29	23	15	80	6	25	8	6	8	4	0	0	5								
28	07	0041	38	34	27	25	15	81	6	25	8	6	8	4	0	0	5								
28	10	0058	39	35	29	27	14	81	8	02	2	3	5	5	1		6								
28	13	0049	38	37	35	27	10	40	8	68	7	4	7	4	2		6								
28	16	9986	38	38	37	34	15	40	8	61	6	8	0	5	2		7								
28	19	9893	44	44	44	33	29	40	8	60	6	8	6	3			7								
28	22	9855	45	45	45	31	27	24	8	61	6	8	6	3			7			22	49	649	0008	45	36
29	01	9854	42	42	41	29	19	81	7	02	2	7	5	5			6								
29	04	9833	42	40	38	29	29	81	7	02	2	7	8	5			6								
29	07	9826	43	42	41	29	34	48	8	62	6	8	7	4			6								
29	10	9864	42	41	40	27	35	40	7	20	5	7	8	4			6								
29	13	9919	40	38	36	27	37	40	7	81	8	7	8	5	3		6								
29	16	9956	41	38	32	27	36	80	8	02	2	8	5	5			6								
29	19	9995	41	39	37	27	34	80	7	02	2	7	8	4			6								
29	22	0011	42	41	39	27	27	80	7	25	8	7	8	5	4		6			27	64	625	0022	43	39
30	01	0005	44	44	44	27	26	08	8	61	6	8	0	3	2		6								
30	04	0015	44	44	44	28	25	08	8	60	6	8	0	3	2		6								
30	07	0034	45	45	44	28	25	16	8	10	2	8	6	3			6								
30	10	0052	45	45	44	28	25	80	8	05	2	7	6	3	3		6								
30	13	0060	45	45	44	29	24	80	7	05	1	7	5	5	3		6								
30	16	0059	45	44	43	30	28	80	7	02	2	7	5	5	3		6								
30	19	0064	45	45	44	30	29	81	8	02	2	8	5	5			6								
30	22	0078	44	44	44	29	20	81	8	02	2	8	5	5			6			29	41	766	0005	46	43
31	01	0078	44	44	44	31	15	40	8	58	5	8	6	3			7								
31	04	0088	44	44	44	29	13	40	8	20	5	8	6	3			6								
31	07	0103	43	43	43	29	12	80	7	05	2	7	6	3	3		6								
31	10	0112	43	43	43	29	09	08	8	10	2	8	6	2			6								
31	13	0110	43	43	43	33	04	04	9	51	2	8	6	0											
31	16	0099	43	43	43	32	04	04	9	47	4	8	6	0											
31	19	0096	44	44	44	32	11	04	9	45	6	8	6	0											
31	22	0089	44	44	44	31	07	01	9	47	4	8	6	0						31	23	534	0002	45	42

Results of Surface Observations,
MACQUARIE – Apr., 1956

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
		ib × 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	0069	44	44	44	31	11	00	9	45	4	8	6	0											
01	04	0033	45	45	45	33	18	00	9	45	4	8	6	0											
01	07	9997	46	46	46	33	28	00	9	53	5	8	6	0											
01	10	9958	46	46	46	33	19	01	9	63	6	8	6	0											
01	13	9884	47	47	47	32	29	04	8	63	6	4	7	2	2		7								
01	16	9835	47	47	47	31	29	08	8	63	6	5	7	2	2		7								
01	19	9891	44	43	42	28	21	40	4	01	6	4	5	4	0	0	6								
01	22	9917	44	42	38	30	30	80	3	02	2	3	5	5	0	0	6			30	58	345	0017	49	43
02	01	9929	44	42	39	30	40	80	6	16	2	6	8	5	0	0	6								
02	04	9972	43	41	39	29	37	80	5	25	8	5	8	5	0	0	6								
02	07	0037	42	40	37	27	28	80	4	16	8	4	8	4	0	0	6								
02	10	0084	43	40	36	26	25	81	6	02	2	6	5	5	0	0	6								
02	13	0124	43	42	40	28	14	81	7	02	2	7	5	5			6								
02	16	0141	43	41	39	29	19	81	6	01	1	4	5	5	3	1	6								
02	19	0161	43	42	41	31	19	82	1	02	0	1	5	5	0	0	6								
02	22	0166	43	43	43	32	20	82	7	03	0	2	5	5	5		7			30	66	763	0050	45	41
03	01	0154	44	44	43	32	26	82	2	02	0	0	0	9	0	1									
03	04	0146	44	44	44	32	28	82	2	02	0	1	0	9	7	1									
03	07	0142	45	45	44	32	28	82	5	02	1	1	6	4	7	0	7								
03	10	0138	45	45	44	31	27	40	7	05	1	6	6	3	3		7								
03	13	0123	46	45	44	31	24	40	7	05	2	7	6	3			7								
03	16	0106	45	44	43	32	28	81	6	02	2	6	5	3	3		7								
03	19	0093	45	45	45	31	29	24	8	10	2	8	6	3			7								
03	22	0080	45	45	45	32	29	24	8	10	2	8	6	2			7			32	38	596	0000	46	44
04	01	0061	45	45	45	32	30	16	8	10	2	8	6	2			7								
04	04	0043	45	45	45	32	30	08	8	60	5	8	7	2			7								
04	07	0041	45	45	45	32	29	08	8	58	6	8	7	2			7								
04	10	0059	45	45	45	31	17	16	8	10	5	8	6	2			7								
04	13	0075	45	45	44	31	11	82	1	02	0	1	6	3	3	0	7								
04	16	0091	44	43	43	32	13	82	1	02	0	1	6	3	0	0	7								
04	19	0113	43	43	42	31	14	82	0	02	0	0	0	9	0	0									
04	22	0125	43	42	41	32	14	82	0	02	0	0	0	9	0	0				32	39	718	0003	46	42
05	01	0131	42	42	42	32	12	82	1	03	0	1	6	3	0	0	7								
05	04	0121	43	43	43	34	16	82	2	02	1	2	6	3	0	0	7								
05	07	0108	44	44	43	34	20	82	7	03	1	7	5	5			7								
05	10	0094	45	45	45	33	28	08	8	10	2	8	6	2			7								
05	13	0070	45	45	45	33	28	16	8	10	2	8	6	3			7								
05	16	0056	45	45	45	33	25	16	8	60	2	8	6	2			7								
05	19	0070	44	44	44	32	15	16	8	10	2	8	6	3			7								
05	22	0087	43	43	42	29	06	16	8	10	2	8	6	3			6			33	34	407	0001	46	42
06	01	0105	43	42	41	29	06	40	8	05	2	4	5	5	7		6								
06	04	0118	42	41	40	29	04	56	5	05	1	3	5	5	3	0	6								
06	07	0147	42	40	37	26	04	81	2	01	1	2	5	5	0	0	6								
06	10	0165	44	41	36	27	08	82	1	02	0	1	5	5	0	0	6								
06	13	0172	44	42	38	31	08	82	1	02	0	1	5	5	0	0	7								
06	16	0185	43	41	37	31	14	82	1	02	0	1	5	5	0	0	7								
06	19	0204	43	41	39	31	15	82	1	02	0	1	5	5	0	0	7								
06	22	0209	43	42	40	32	21	82	1	02	0	1	5	5	0	0	7			32	28	393	0002	46	41
07	01	0211	43	42	41	32	23	82	0	02	0	0	0	9	0	0									
07	04	0213	43	43	42	32	22	82	1	02	0	1	5	5	0	0	7								
07	07	0225	43	43	42	32	22	82	1	02	0	1	5	5	0	0	7								
07	10	0226	45	44	43	31	17	82	1	02	0	1	5	5	0	0	7								
07	13	0224	45	44	43	31	19	82	1	02	0	1	5	5	0	0	7								
07	16	0220	44	44	43	31	15	82	1	02	0	1	6	4	0	0	7								
07	19	0229	43	43	42	31	16	82	1	02	0	1	5	5	4	0	6								
07	22	0238	43	43	43	29	10	82	3	03	0	1	5	5	3	0	6			32	29		0000	46	43
08	01	0238	43	43	43	27	07	08	8	10	2	8	6	2			6								
08	04	0239	44	44	44	27	09	02	8	51	2	8	6	1			6								
08	07	0255	44	44	44	00	00	32	8	10	5	8	6	2											
08	10	0263	42	42	42	15	09	04	9	43	4	8	6	0			3								
08	13	0263	41	41	41	13	13	16	7	41	1	7	6	2			3								
08	16	0262	39	39	39	13	13	24	7	50	5	7	6	2			3								
08	19	0268	38	38	38	13	12	16	8	51	5	8	6	2			3								
08	22	0265	38	37	36	13	13	40	8	02	2	8	5	4			3			13	21		0002	45	37
09	01	0257	39	38	36	13	14	81	7	02	2	7	5	4			3								
09	04	0251	38	37	34	13	16	81	5	02	2	5	5	5	0	0	3								
09	07	0253	38	37	35	13	17	82	4	02	0	4	5	5	0	0	3								
09	10	0255	37	35	33	13	15	82	6	03	1	6	8	5	0	0	3								
09	13	0242	37	35	31	12	15	82	4	02	1	4	5	6	0	0	3								
09	16	0236	37	35	31	12	18	82	7	03	1	7	5	5			3								
09	19	0235	36	34	29	12	18	82	5	01	2	5	5	5	0	0	2								
09	22	0230	37	35	31	10	18	82	7	03	1	7	5	5			2			11	27		0001	39	36

Results of Surface Observations,
MACQUARIE – Apr., 1956

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			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
												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	0220	37	35	32	10	15	81	8	02	2	8	5	5			2								
10	04	0197	38	36	33	10	13	81	8	02	2	8	5	5			2								
10	07	0187	40	37	33	09	12	81	8	02	2	8	5	5			2								
10	10	0180	40	39	38	11	11	81	7	02	2	7	8	5			2								
10	13	0155	42	39	34	06	09	81	7	02	2	7	6	5			1								
10	16	0136	40	40	39	03	06	24	7	50	2	7	6	3			8								
10	19	0122	41	40	36	36	04	80	8	50	2	8	5	4			8								
10	22	0111	42	41	39	34	05	80	8	02	2	8	5	5			7			11	24	279	0000	43	37
11	01	0093	42	41	41	34	05	80	8	02	2	8	5	5			7								
11	04	0075	43	42	40	36	06	80	8	02	2	8	5	5			8								
11	07	0068	43	42	42	36	16	64	8	02	2	8	6	3			8								
11	10	0063	44	44	44	36	16	16	8	10	2	8	6	2			8								
11	13	0046	45	45	45	36	16	04	9	47	5	8	6	0											
11	16	0040	44	44	44	35	11	01	9	47	4	8	6	0											
11	19	0043	44	44	44	34	09	04	9	45	4	8	6	0											
11	22	0045	44	44	44	34	11	04	9	51	5	8	6	0						01	28	190	0001	45	41
12	01	0039	43	43	43	33	08	04	9	55	5	8	6	0											
12	04	0040	43	43	43	32	04	04	9	51	6	8	6	0											
12	07	0048	43	43	43	29	03	04	9	51	5	8	6	0											
12	10	0049	44	44	44	29	05	02	9	45	4	8	6	0											
12	13	0046	45	45	45	30	03	02	9	45	4	8	6	0											
12	16	0051	44	44	44	00	00	08	8	10	5	8	6	3											
12	19	0062	43	43	43	35	03	24	8	10	5	8	6	3											
12	22	0066	43	43	42	14	03	80	7	02	2	7	5	4						32	11	226	0015	46	41
13	01	0064	41	40	40	04	02	81	2	01	1	2	5	5	0	0									
13	04	0061	41	41	40	11	07	81	7	02	2	7	6	3											
13	07	0065	41	41	41	13	07	02	9	45	4	8	6	0											
13	10	0067	41	41	41	12	09	04	9	45	5	8	6	0											
13	13	0050	42	42	42	14	11	04	9	45	5	8	6	0											
13	16	0042	43	43	43	16	11	04	9	53	5	8	6	0											
13	19	0043	43	43	43	16	06	04	9	45	5	8	6	0											
13	22	0038	43	43	43	14	04	04	9	51	5	8	6	0						16	19	090	0003	44	39
14	01	0032	43	43	43	12	02	04	9	45	4	8	6	0											
14	04	0023	43	43	43	13	03	04	9	51	5	8	6	0											
14	07	0027	46	46	46	01	05	80	8	02	4	8	6	2											
14	10	0025	46	46	46	03	05	40	6	05	1	5	5	2	3	0									
14	13	0024	48	47	47	04	02	16	7	40	1	1	6	2	5										
14	16	0023	44	44	44	00	00	08	8	10	4	8	6	2											
14	19	0029	43	43	43	00	00	08	8	10	4	8	6	2											
14	22	0036	44	44	44	00	00	00	9	45	4	8	6	0						02	12	134	0021	49	42
15	01	0041	43	43	43	00	00	00	3	44	4	3	6	2	0	0									
15	04	0041	42	42	42	00	00	00	3	44	4	3	6	2	0	0									
15	07	0053	42	42	42	00	00	40	7	10	4	6	6	1	7										
15	10	0060	44	44	44	00	00	80	7	41	2	6	6	3	4										
15	13	0052	42	42	42	00	00	40	2	41	2	2	6	3	0	0									
15	16	0056	41	41	41	15	08	02	9	45	4	8	6	0											
15	19	0061	42	42	42	11	07	02	9	45	4	8	6	0											
15	22	0061	42	42	42	17	09	03	9	43	4	8	6	0						18	17	032	0003	45	40
16	01	0057	40	40	40	11	09	03	9	45	4	8	6	0											
16	04	0046	41	41	41	11	08	03	9	45	4	8	6	0											
16	07	0046	42	42	42	12	14	08	8	50	4	8	6	3											
16	10	0039	43	43	43	12	15	16	8	10	5	8	6	2			2								
16	13	0021	43	43	42	11	15	24	8	10	5	8	6	2			2								
16	16	0001	43	43	43	11	16	16	8	10	5	8	6	1			2								
16	19	9987	44	44	43	11	19	24	8	10	5	8	6	3			2								
16	22	9977	44	44	44	11	19	24	8	10	2	8	6	3			2			11	29	174	0002	45	40
17	01	9951	44	44	44	11	20	16	8	10	5	8	6	2			2								
17	04	9929	44	44	44	12	21	16	8	58	5	8	7	2			2								
17	07	9924	44	44	44	10	15	08	8	58	6	8	7	2			2								
17	10	9917	44	44	44	11	11	03	9	45	5	8	6	0											
17	13	9899	44	44	44	00	00	01	9	47	4	8	6	0											
17	16	9894	44	44	44	03	03	01	9	45	4	8	6	0											
17	19	9890	44	44	44	00	00	01	9	45	4	8	6	0											
17	22	9885	46	46	46	04	05	01	9	45	4	8	6	0						11	37	337	0006	48	44
18	01	9879	48	48	48	02	11	01	9	45	5	8	6	0											
18	04	9870	45	45	45	02	04	01	9	51	5	8	6	0											
18	07	9859	44	44	44	19	02	01	9	61	6	8	6	0											
18	10	9843	44	44	44	13	04	04	8	58	6	8	7	2			3								
18	13	9816	45	45	45	10	02	04	7	42	4	6	6	2	3										
18	16	9801	44	44	44	17	04	01	9	47	4	8	6	0											
18	19	9789	45	45	45	00	00	16	8	10	4	8	6	3											
18	22	9782	46	46	46	04	03	04	9	47	4	8	6	0						02	22	143	0017	48	43

Results of Surface Observations,
MACQUARIE – Apr., 1956

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
19	01	9780	45	45	45	34	18	08	8	10	4	8	6	2			7								
19	04	9782	45	45	45	34	17	16	8	60	6	8	7	4			8								
19	07	9788	45	45	44	35	15	16	6	05	2	3	6	2	3	5	8								
19	10	9782	47	46	45	01	20	08	8	25	8	8	8	4			8								
19	13	9756	47	46	45	02	20	24	7	05	8	5	8	4	3	1	8								
19	16	9740	45	45	44	33	20	32	8	05	2	8	6	3			8								
19	19	9741	44	44	43	34	07	24	8	50	2	8	6	3			8								
19	22	9729	45	45	45	36	07	40	7	05	8	6	6	2	3		8			02	38	218	0007	48	43
20	01	9728	44	44	44	31	16	16	8	10	2	8	6	2			7								
20	04	9737	43	43	42	31	15	08	8	58	6	8	6	2			7								
20	07	9755	43	43	43	30	21	08	8	58	6	8	6	2			7								
20	10	9769	43	43	42	30	21	24	8	50	5	8	6	3			6								
20	13	9782	43	42	42	29	23	40	8	16	8	8	8	4			6								
20	16	9801	42	40	38	27	23	40	7	16	8	6	8	4	4		6								
20	19	9818	41	40	39	27	23	40	6	05	2	6	8	4	0	0	6								
20	22	9824	41	40	40	28	15	80	3	25	8	3	8	4	0	0	6			29	37	390	0012	44	40
21	01	9819	41	40	39	29	13	80	5	16	2	5	8	4	0	0	6								
21	04	9812	41	40	38	29	17	80	5	80	8	5	8	4	0	0	6								
21	07	9807	40	39	38	30	16	40	7	60	6	7	0	5	2		6								
21	10	9782	41	38	32	31	23	81	7	15	8	7	8	5			7								
21	13	9744	43	40	35	32	29	81	7	15	2	6	8	5	3		7								
21	16	9700	43	41	38	34	31	40	8	25	8	8	8	5			7								
21	19	9666	42	41	40	29	23	40	8	21	6	3	7	4	2		6								
21	22	9691	42	39	35	31	20	81	5	01	8	5	8	5	0	0	6			33	51	385	0003	44	39
22	01	9701	41	39	37	31	22	81	3	25	8	3	8	4	0	0	7								
22	04	9693	40	39	38	32	15	40	8	61	2	8	0	4	2		7								
22	07	9713	41	38	34	29	28	80	2	25	8	2	9	4	0	3	6								
22	10	9738	41	38	35	30	29	81	3	15	8	3	9	5	0	3	6								
22	13	9767	43	39	32	30	28	81	5	27	8	5	9	5	0	3	6								
22	16	9799	41	38	34	30	27	81	3	15	8	3	3	5	0	0	6								
22	19	9831	41	38	33	30	30	81	3	15	8	3	8	5	0	0	6								
22	22	9857	41	38	34	31	31	81	3	25	8	3	8	5	0	0	6			30	49	552	0022	43	38
23	01	9892	42	39	33	30	28	81	5	02	2	5	2	5	0	0	6								
23	04	9921	41	39	35	30	24	81	1	25	8	1	2	5	0	0	6								
23	07	9943	42	39	34	30	23	81	7	02	2	6	2	5	4		6								
23	10	9954	43	40	34	31	29	81	6	16	8	4	8	5	0	1	7								
23	13	9975	43	40	36	31	20	81	3	16	1	3	8	4	0	0	7								
23	16	9985	42	40	36	31	08	81	4	02	1	1	2	4	0	5	7								
23	19	9980	42	41	39	36	02	81	8	03	1	0	0	9	0	7									
23	22	9965	43	42	41	01	08	80	8	60	2	2	6	4	2		8	7		30	43	588	0002	44	37
24	01	9960	42	42	41	01	07	40	8	60	6	3	7	3	2		8								
24	04	9953	43	43	42	33	13	80	2	01	6	2	0	9	7		7								
24	07	9954	44	43	42	33	15	80	5	03	1	2	7	3	7	5	7								
24	10	9929	45	45	44	34	23	40	8	60	5	8	7	2			7								
24	13	9883	43	43	42	30	22	80	7	21	6	5	8	3	7	1	6								
24	16	9920	43	40	35	29	33	80	5	25	8	2	8	4	3	5	6								
24	19	9961	43	39	34	30	33	81	2	01	1	2	8	4	0	0	6								
24	22	9967	42	40	37	31	30	80	5	25	1	2	8	4	3	5	7			29	55	364	0004	45	40
25	01	9963	44	42	40	33	26	80	5	02	8	5	0	9	1	0									
25	04	9929	45	43	41	33	32	80	7	02	2	7	5	4	4		7								
25	07	9904	45	43	41	33	38	40	8	02	2	8	5	5			7								
25	10	9895	46	44	42	32	38	40	8	05	2	8	5	4			7								
25	13	9883	45	44	42	32	34	40	8	10	2	8	6	4			7								
25	16	9866	45	44	43	32	31	16	8	61	6	4	7	3	2		7								
25	19	9853	45	44	44	32	31	16	8	61	6	4	7	3	2		7								
25	22	9855	41	41	40	32	03	16	8	60	6	8	0	5	2		7			32	54	676	0027	46	41
26	01	9786	46	45	45	33	35	16	8	61	6	4	7	3	2		7								
26	04	9749	46	44	42	32	47	24	8	21	6	8	5	5			7								
26	07	9846	39	37	34	28	31	40	6	80	8	5	8	4	3	0	6								
26	10	9891	38	37	35	29	21	80	4	25	8	4	8	4	3	0	6								
26	13	9907	42	37	29	30	27	80	3	16	8	3	3	5	3	0	6								
26	16	9925	39	37	33	31	21	80	4	27	8	4	9	5	0	3	6								
26	19	9962	39	36	31	28	23	81	3	27	8	3	9	5	0	3	6								
26	22	9997	39	35	28	27	28	81	2	01	8	2	2	5	0	0	6			31	71	661	0030	47	35
27	01	0023	39	35	27	27	18	81	2	02	0	2	1	4	0	0	6								
27	04	0041	39	35	28	27	11	81	4	02	0	4	2	4	0	0	6								
27	07	0054	36	33	28	23	02	81	2	02	0	2	2	4	0	0	6								
27	10	0058	41	37	31	00	00	82	1	01	1	1	2	5	0	0									
27	13	0046	42	37	29	00	00	82	4	03	1	4	2	5	0	0									
27	16	0042	39	36	30	10	02	82	3	01	1	2	8	5	0	5	2								
27	19	0037	39	35	28	08	07	82	3	02	1	2	8	5	0	5	2								
27	22	0027	38	35	29	11	12	82	3	02	1	2	8	5	0	5	2			28	33	417	0002	43	35

Results of Surface Observations,
MACQUARIE — Apr., 1956

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND										DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD AMOUNT	LOW CLOUD TYPE C_L	LOW CLOUD BASE h	MIDDLE CLOUD C_M	HIGH CLOUD C_H	LOW D_L	MIDDLE D_M	HIGH D_H	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas								° × 10	kt	St. miles	Points	°F	°F
28	01	0017	38	35	29	11	17	82	5	03	1	5	8	5	0	6	2								
28	04	0020	38	35	31	11	12	82	7	03	1	7	5	5			2								
28	07	0027	38	35	31	11	08	82	8	02	2	3	5	5	0	7	2								
28	10	0028	40	37	33	10	11	82	7	02	2	2	5	6	5	8	2								
28	13	0030	41	38	33	07	12	82	4	03	1	1	5	8	5	9	1								
28	16	0031	42	39	35	35	08	82	7	03	1	7	0	9	5			8							
28	19	0023	43	42	39	01	18	82	1	01	2	1	0	9	7	0									
28	22	9997	45	43	40	01	23	82	7	03	1	3	5	7	7		8			01	55	220	0000	46	37
29	01	9944	46	46	46	01	34	04	8	63	6	8	0	2	2		8								
29	04	9919	44	43	42	32	28	40	8	25	6	8	5	5			7								
29	07	9952	43	42	41	32	17	80	2	02	C	2	8	4	0	0	7								
29	10	9964	44	43	41	32	17	81	3	03	1	1	6	2	0	5	7								
29	13	9944	45	43	39	32	27	80	7	15	8	4	8	5	5	6	7								
29	16	9948	43	41	38	31	26	80	7	82	8	7	8	5			7								
29	19	9977	43	41	38	31	23	80	3	25	8	2	8	4	3	0	7								
29	22	9994	43	41	38	31	27	80	3	25	8	3	8	4	0	0	7			01	59	475	0022	47	40
30	01	0000	43	41	38	31	33	80	5	25	8	3	8	4	0	5	7								
30	04	0025	40	40	39	31	27	80	3	27	8	3	2	4	0	0	7								
30	07	0052	44	42	38	31	27	80	5	25	8	5	8	5	0	0	7								
30	10	0083	43	41	39	30	24	80	4	25	8	3	2	5	3	0	7								
30	13	0107	44	42	40	31	26	40	7	02	8	7	8	4			7								
30	16	0126	44	43	41	31	26	40	5	03	1	5	1	5	5	0	7								
30	19	0122	45	44	44	32	31	08	8	61	6	8	0	4	2		7								
30	22	0133	45	45	45	31	33	08	8	61	6	8	0	3	2		7			32	52	636	0013	46	38

Results of Surface Observations,
MACQUARIE – May, 1956

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
		inb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	ww	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
01	01	0145	45	45	45	31	27	08	8	60	6	8	0	3	2		7								
01	04	0149	45	45	45	31	26	16	8	02	2	8	6	2			7								
01	07	0165	45	45	45	31	23	08	8	51	5	8	6	2			7								
01	10	0179	45	45	45	31	21	16	8	50	5	8	6	2			7								
01	13	0180	45	45	45	31	17	16	8	50	5	8	6	2			7								
01	16	0180	44	44	44	30	18	16	8	10	5	8	6	2			7								
01	19	0179	45	45	45	31	19	40	7	10	2	7	6	3			7								
01	22	0172	45	45	45	32	18	40	7	10	2	7	6	3			7			31	37	647	0008	46	44
02	01	0158	44	44	44	31	15	01	9	45	4	8	6	0			7								
02	04	0147	44	44	44	31	13	40	7	05	4	5	5	5	7		7								
02	07	0151	45	45	44	31	13	56	8	05	2	5	5	5	7		7								
02	10	0151	45	45	45	31	11	80	7	02	2	3	5	4	4	8	7	7							
02	13	0144	45	45	45	30	04	80	7	02	2	4	5	5	5		6								
02	16	0131	44	44	44	33	12	02	9	47	4	8	6	0											
02	19	0112	45	45	45	34	12	04	8	60	6	8	0	2	2		7								
02	22	0082	46	46	46	34	21	02	9	45	6	8	6	0						33	31	428	0002	47	43
03	01	0071	46	46	46	34	24	08	8	21	6	8	6	2			7								
03	04	0051	46	46	46	34	26	04	9	45	4	8	6	0											
03	07	0042	46	46	46	34	25	40	8	10	4	8	6	2			7								
03	10	0029	46	46	46	32	28	40	8	10	2	8	6	3			7								
03	13	0012	46	46	46	34	29	40	8	10	2	8	6	3			7								
03	16	0008	46	46	46	34	28	16	8	61	6	5	7	2	2		7								
03	19	0026	43	43	42	23	10	16	8	61	6	5	7	2	2		5								
03	22	0038	43	42	42	00	00	16	8	61	6	3	7	2	2		5			33	37	449	0015	47	41
04	01	0039	41	40	38	17	07	16	8	61	6	3	7	2	2		4								
04	04	0034	40	39	38	17	12	24	8	61	6	8	0	4	2		4								
04	07	0059	41	39	36	20	09	24	8	05	6	5	5	5	2		5								
04	10	0086	41	38	33	19	08	82	2	01	1	1	1	4	3	8	5								
04	13	0111	43	40	35	29	08	82	3	02	1	2	1	4	0	8	4								
04	16	0128	42	40	36	28	08	82	4	03	0	2	1	5	0	4	5								
04	19	0151	40	40	40	29	06	81	1	02	0	1	1	5	0	0	6								
04	22	0160	42	41	40	31	13	81	2	02	0	0	0	9	0	5				32	20	357	0050	44	39
05	01	0161	42	41	40	32	15	81	3	02	0	3	0	9	3	0									
05	04	0162	43	42	40	33	15	81	8	02	2	8	6	6			6								
05	07	0165	43	42	40	33	13	80	8	02	2	7	5	5	3		6								
05	10	0164	44	43	42	33	16	81	8	02	2	4	6	4	1		7								
05	13	0152	44	44	43	32	16	16	8	50	2	8	6	3			7								
05	16	0142	44	44	44	33	11	80	8	02	2	8	6	2			7								
05	19	0136	43	43	43	31	12	80	8	02	2	8	6	2			7								
05	22	0128	44	44	44	30	09	08	8	10	2	8	6	2			7			32	24	239	0000	45	42
06	01	0119	44	44	44	27	13	08	8	10	2	8	6	2			6								
06	04	0112	39	39	39	25	09	16	8	10	2	8	6	3			6								
06	07	0113	41	40	40	28	21	40	7	05	2	7	5	4			6								
06	10	0120	43	40	36	27	21	80	3	01	2	3	8	4	0	0	6								
06	13	0124	41	37	31	29	21	81	5	02	0	5	8	5	0	0	6								
06	16	0134	40	36	29	28	26	81	4	02	1	4	8	5	0	0	6								
06	19	0160	39	35	29	27	12	81	7	03	8	7	8	5			6								
06	22	0182	38	34	28	20	07	81	7	02	2	7	8	5			5			28	43	261	0004	44	37
07	01	0195	37	34	28	19	07	81	7	02	2	4	5	5	3		5								
07	04	0204	36	33	26	20	07	81	5	01	2	5	5	5	0	0	5								
07	07	0219	37	34	29	25	10	81	7	03	1	7	5	5			5								
07	10	0224	38	34	28	28	14	81	7	02	2	7	5	5			5								
07	13	0222	39	36	32	28	20	81	7	14	2	7	5	5			5								
07	16	0215	39	37	33	27	26	81	6	02	2	6	5	5	0	0	6								
07	19	0208	42	40	38	28	30	81	8	02	2	8	5	5			6								
07	22	0209	43	42	42	28	30	81	7	21	2	7	8	5			6			28	44	272	0000	44	36
08	01	0205	44	43	43	28	28	80	8	20	5	8	7	4			6								
08	04	0214	44	44	43	28	24	40	8	05	2	8	6	3			6								
08	07	0222	44	44	43	28	24	40	8	05	2	8	6	3			6								
08	10	0224	44	43	43	28	20	40	8	21	5	8	6	2			6								
08	13	0218	43	43	42	28	23	40	8	21	6	8	6	2			6								
08	16	0208	43	42	42	29	20	24	8	10	5	8	6	2			6								
08	19	0202	43	42	42	28	20	24	8	10	2	8	6	2			6								
08	22	0187	43	43	42	29	21	24	8	10	2	8	6	2			6			29	42	450	0000	45	42
09	01	0167	43	43	42	28	22	40	8	10	2	8	6	2			6								
09	04	0146	43	43	42	29	25	40	8	10	2	8	6	2			6								
09	07	0134	43	43	42	28	24	24	8	10	2	8	6	2			6								
09	10	0123	43	42	41	28	30	40	8	05	2	8	6	3			6								
09	13	0115	42	41	41	28	28	16	8	50	5	8	6	3			6								
09	16	0116	41	41	40	28	24	20	8	60	6	8	6	3			6								
09	19	0112	41	41	40	27	21	16	8	61	6	8	6	2			6								
09	22	0110	41	41	40	27	17	16	8	61	6	8	6	2			6			28	54	427	0003	44	39

Results of Surface Observations,
MACQUARIE – May, 1956

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
		inb × 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	0096	40	40	39	27	05	16	8	50	5	8	6	3			6								
10	04	0086	40	39	39	23	05	24	8	60	6	8	6	3			5								
10	07	0082	40	40	39	23	02	24	8	60	6	8	6	3			5								
10	10	0076	38	38	38	08	07	16	8	61	6	8	0	3	2		2								
10	13	0057	41	41	40	35	04	40	8	61	6	8	0	3	2		8								
10	16	0041	41	41	41	35	05	24	8	41	4	8	6	2			8								
10	19	0021	41	41	40	33	10	80	3	01	2	3	6	2	0	0	8								
10	22	9998	41	41	41	35	10	24	8	50	1	8	6	2			8			36	20	274	0027	42	38
11	01	9949	42	42	42	00	00	08	8	51	5	8	6	2											
11	04	9912	42	42	42	30	10	08	8	61	5	8	0	3	2		7								
11	07	9893	39	39	39	27	21	24	8	60	6	3	6	2	2		6								
11	10	9886	40	38	36	27	17	81	3	01	1	3	8	4	0	0	6								
11	13	9869	39	36	32	27	18	81	6	03	1	5	5	5	0	1	6		6						
11	16	9861	37	35	31	27	21	81	6	02	2	6	5	5	0	1	6		6						
11	19	9860	38	35	32	27	25	81	2	02	0	2	5	5	0	0	6								
11	22	9855	38	36	34	28	29	81	3	25	3	3	8	4	0	0	6			28	42	213	0031	44	36
12	01	9848	39	37	33	27	23	81	7	25	8	7	8	5			6								
12	04	9828	40	39	38	28	20	80	8	60	6	8	7	4			6								
12	07	9819	40	39	38	27	10	81	5	01	2	3	5	5	3	9	6	6							
12	10	9820	41	39	37	26	06	80	6	15	1	5	5	5	4	1	6								
12	13	9841	38	37	36	18	14	64	8	20	5	7	6	4	7		5								
12	16	9867	36	33	27	19	12	81	2	01	2	2	5	5	3	0	5								
12	19	9900	34	31	26	19	07	80	8	02	1	8	5	4			5								
12	22	9916	34	31	26	27	10	80	8	02	2	8	5	4			5			28	38	369	0003	42	34
13	01	9922	34	32	29	27	18	80	7	15	2	7	8	5			6								
13	04	9914	34	33	32	28	15	80	7	26	8	7	8	5			6								
13	07	9903	36	35	33	28	10	80	8	15	8	6	5	5	1		6								
13	10	9891	38	37	35	31	14	80	7	16	2	7	8	4			6								
13	13	9865	35	35	35	32	08	12	8	71	7	8	0	3	2		6								
13	16	9857	35	35	35	19	09	16	6	16	8	5	8	4	3	8									
13	19	9883	35	33	30	16	13	40	6	15	8	4	8	4	0	8	4								
13	22	9904	34	33	30	22	03	80	4	26	8	4	8	4	0	0	5			22	36	250	0007	39	32
14	01	9928	33	29	23	21	13	80	2	02	8	1	5	4	3	0	5								
14	04	9952	32	30	27	19	14	80	4	27	8	4	8	4	0	0	5								
14	07	9980	30	29	27	19	12	80	4	02	8	4	2	4	3	0	5								
14	10	0000	30	28	25	20	18	80	7	26	8	7	8	4			5								
14	13	0015	33	31	26	20	16	80	7	16	8	7	8	4			5								
14	16	0031	33	32	29	23	16	08	7	85	8	7	8	5			5								
14	19	0058	35	29	21	20	18	80	8	01	8	3	8	5	0	0	5								
14	22	0067	34	30	22	22	05	80	5	03	1	5	5	5	0	0	5			22	43	261	0019	37	28
15	01	0065	37	34	27	27	21	80	5	26	1	5	8	6	0	0	6								
15	04	0057	38	36	33	28	18	80	4	15	1	4	8	5	0	0	6								
15	07	0051	39	36	32	28	20	80	5	16	8	3	8	5	3	5	6								
15	10	0054	40	38	35	28	23	24	8	50	2	8	5	5			6								
15	13	0043	42	40	37	28	24	80	8	02	8	8	8	5			6								
15	16	0051	43	42	40	29	23	40	7	50	8	7	8	4	3		6	6							
15	19	0072	43	42	41	28	24	80	8	20	5	8	5	4			6								
15	22	0097	43	42	41	28	27	80	8	02	5	8	5	4			6			28	41	339	0003	43	35
16	01	0127	43	42	41	28	21	80	8	02	2	8	8	4			6								
16	04	0145	43	43	42	29	20	80	3	02	0	3	5	5	0	0	6								
16	07	0170	43	42	41	29	19	80	7	02	2	7	8	5			6								
16	10	0195	43	42	41	31	17	80	7	25	1	6	8	5	3		7	7							
16	13	0209	44	43	41	30	17	80	7	02	2	7	8	6			7								
16	16	0235	43	42	41	31	16	80	7	02	2	7	5	4			7								
16	19	0255	43	42	40	33	17	81	8	02	2	6	5	6	3		7	7							
16	22	0273	43	42	41	34	13	81	6	16	1	3	5	6	7	0	7	7		28	34	442	0005	44	42
17	01	0278	44	43	43	34	18	81	5	21	1	3	5	6	7	0	7	7							
17	04	0290	43	43	43	32	10	80	7	21	6	4	6	5	7		7	7							
17	07	0300	44	43	42	34	17	80	3	01	6	3	6	4	0	1	7								
17	10	0307	44	43	42	34	12	81	7	02	2	7	5	5	3		7								
17	13	0298	44	43	42	35	17	81	7	02	2	7	5	5			7								
17	16	0298	43	43	43	34	14	80	8	02	2	8	5	4			7								
17	19	0298	43	42	41	34	17	80	8	02	2	8	5	5			7								
17	22	0288	43	42	41	34	13	80	8	02	5	8	5	5			7			34	27	334	0002	45	42
18	01	0279	44	43	41	34	22	80	8	02	5	8	5	5			7								
18	04	0275	44	44	43	34	19	80	5	02	2	5	5	5	0	0	7								
18	07	0271	44	44	44	34	18	80	6	01	2	5	8	5	0	0	7								
18	10	0268	44	43	41	34	19	80	8	02	2	8	5	5			7								
18	13	0251	43	43	42	34	16	40	8	02	5	8	6	3			7								
18	16	0243	43	43	43	34	18	16	8	51	5	8	6	2			8								
18	19	0239	43	43	42	34	17	80	7	02	5	7	5	5			7								
18	22	0231	43	43	42	35	15	16	8	10	5	8	6	4			7			34	31	410	0000	45	43

Results of Surface Observations,
MACQUARIE – May, 1956

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	0217	43	43	43	34	18	16	8	58	5	8	6	3			7								
19	04	0202	43	43	42	34	17	24	8	50	5	8	6	3			7								
19	07	0190	44	43	42	34	19	24	8	50	5	8	6	3			7								
19	10	0179	44	43	42	35	18	80	8	01	2	8	5	5			7								
19	13	0152	45	44	44	34	23	40	8	10	2	8	6	3			7								
19	16	0133	45	44	43	34	21	16	8	10	2	8	5	4			7								
19	19	0109	45	45	45	34	28	04	8	63	6	8	0	2	2		7								
19	22	0107	42	42	42	26	12	04	8	51	6	8	6	2			6			34	37	397	0005	45	40
20	01	0118	41	40	39	19	17	80	8	02	5	8	6	4			5								
20	04	0123	40	38	36	20	08	80	8	02	2	8	5	5			5								
20	07	0129	37	35	32	22	05	80	8	02	2	8	5	5			5								
20	10	0135	37	35	33	18	08	80	7	02	2	7	5	4			4								
20	13	0129	38	36	33	28	07	80	7	02	2	7	5	4			6								
20	16	0129	37	35	30	27	05	80	7	02	2	7	5	5			6								
20	19	0124	38	35	31	31	13	80	5	01	2	5	5	5	0	0	6								
20	22	0112	39	37	34	31	15	80	7	02	2	7	5	5			6			33	28	344	0015	41	35
21	01	0097	41	39	36	32	23	80	8	02	2	8	5	5			7								
21	04	0071	42	41	39	33	27	80	8	02	2	8	5	5			7								
21	07	0053	43	42	40	33	28	80	5	01	2	4	5	5	3	0	7								
21	10	0045	43	42	40	33	30	81	8	03	2	8	5	5			7								
21	13	0009	44	44	43	33	30	16	8	51	5	8	6	3			7								
21	16	0003	44	44	44	33	21	08	8	10	5	8	6	2			7								
21	19	0004	44	44	44	32	17	08	8	58	5	8	6	2			7								
21	22	0008	44	44	44	32	20	16	8	10	5	8	6	2			7			34	44	366	0000	45	41
22	01	0025	42	41	39	29	23	81	7	01	6	7	5	5			6								
22	04	0031	44	43	42	31	24	81	8	02	2	8	5	5			7								
22	07	0040	44	44	44	31	24	80	8	02	2	8	6	3			7								
22	10	0041	43	43	43	32	24	08	8	52	5	8	6	2			7								
22	13	0043	44	43	43	32	24	24	8	10	2	8	6	3			7								
22	16	0048	44	44	44	32	21	08	8	50	5	6	6	2			7								
22	19	0059	44	44	44	32	19	04	9	47	6	8	6	0											
22	22	0059	44	44	44	32	20	02	9	45	5	8	6	0						30	37	578	0003	45	41
23	01	0071	43	43	43	29	20	16	8	50	5	6	6	2			6								
23	04	0093	41	39	35	28	20	80	8	01	5	2	1	4	0	0	6								
23	07	0118	40	38	35	28	18	81	6	02	2	6	8	5	0	0	6								
23	10	0140	37	36	34	27	23	80	6	25	8	6	8	4	0	0	6								
23	13	0155	41	38	32	27	23	81	3	02	8	3	2	4	0	0	6								
23	16	0176	40	37	31	27	26	81	3	02	0	3	2	5	0	0	6								
23	19	0198	40	36	29	27	25	82	3	02	1	3	1	5	0	0	6								
23	22	0214	40	36	28	27	20	82	7	03	1	7	5	5			6			29	49	503	0007	43	36
24	01	0218	40	37	31	28	18	82	7	02	2	7	5	5			6								
24	04	0212	40	37	32	31	20	81	8	02	2	8	5	5			6								
24	07	0204	40	37	33	32	21	81	8	02	2	8	5	5			6								
24	10	0190	40	38	34	32	25	81	8	02	2	8	5	5			6								
24	13	0152	42	40	36	31	30	80	8	02	2	8	5	5			6								
24	16	0122	43	41	37	32	32	80	8	02	2	8	7	4			7								
24	19	0101	43	43	43	33	30	40	8	58	5	6	7	3			7								
24	22	0085	43	43	43	32	28	16	8	60	5	6	7	2			7			32	47	442	0002	44	39
25	01	0074	44	44	44	32	25	16	8	58	5	8	7	2			7								
25	04	0087	42	42	41	28	21	40	8	21	6	8	7	3			6								
25	07	0113	39	37	34	24	08	81	7	01	2	7	5	5			5								
25	10	0131	39	36	30	27	04	81	7	03	1	7	5	5	3		5								
25	13	0141	39	34	26	24	08	81	7	02	2	7	5	5			6								
25	16	0155	37	33	25	24	02	81	7	02	2	7	5	5			6								
25	19	0170	37	33	25	24	01	80	8	02	2	8	5	5			6								
25	22	0177	36	32	25	23	04	80	8	02	2	8	5	5			5			32	36	562	0008	44	36
26	01	0180	36	33	27	21	01	80	8	02	2	8	5	5			5								
26	04	0176	37	33	25	15	01	80	7	02	2	7	5	5			3								
26	07	0173	37	34	29	04	01	80	7	02	2	7	5	5											
26	10	0170	39	36	30	00	00	81	8	02	2	1	5	5	1		1								
26	13	0146	40	38	36	11	04	81	8	02	2	8	5	5			2								
26	16	0123	41	40	39	11	11	40	8	50	5	8	5	3			2								
26	19	0102	42	41	40	11	13	80	8	02	2	8	5	4			2								
26	22	0076	42	42	42	11	11	16	8	10	2	8	6	2						11	23	067	0000	43	36
27	01	0042	43	43	43	10	09	08	8	10	2	8	6	2											
27	04	0010	43	43	43	14	05	08	8	10	2	8	6	2											
27	07	9979	43	43	43	12	08	16	8	10	2	8	6	2											
27	10	9954	43	43	43	11	07	16	8	10	2	8	6	2											
27	13	9898	43	43	43	13	12	08	8	53	2	8	6	2											
27	16	9857	44	44	44	12	08	12	8	58	5	8	6	2											
27	19	9820	45	45	45	01	07	09	8	50	5	8	6	2											
27	22	9802	43	43	43	31	05	08	8	61	6	8	0	2	2					27	25	186	0002	46	42

Results of Surface Observations,
MACQUARIE – May, 1956

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	9792	43	43	42	23	25	16	8	61	6	8	0	3	2										
28	04	9822	37	36	34	23	25	40	8	21	6	8	5	4			5								
28	07	9867	37	33	25	26	27	80	8	02	3	8	5	4			5								
28	10	9889	39	35	26	28	25	80	8	02	2	8	5	5			5								
28	13	9911	39	37	34	27	29	80	7	25	8	7	8	5			6								
28	16	9923	41	38	32	29	28	80	3	16	8	3	2	5	0	0	6								
28	19	9929	42	40	36	31	30	80	3	02	0	3	2	5	0	0	6								
28	22	9923	43	41	39	32	31	80	8	02	1	8	5	5			7			28	53	273	0071	44	36
29	01	9917	44	43	42	32	30	80	8	02	2	8	5	5			7								
29	04	9917	44	44	44	32	28	08	8	61	6	8	0	3	2		7								
29	07	9934	44	44	44	32	24	08	8	10	2	8	6	2			7								
29	10	9950	45	45	45	31	23	16	8	10	2	8	6	2			7								
29	13	9963	45	45	45	31	20	16	8	10	2	8	6	2			7								
29	16	9970	45	45	44	31	21	16	3	10	2	3	6	2	0	0	7								
29	19	9989	45	45	44	30	25	80	1	01	1	1	6	3	0	0	6								
29	22	0008	43	42	40	30	20	81	0	02	0	0	0	9	0	0				32	46	657	0000	46	43
30	01	0034	43	42	40	29	18	81	2	02	0	2	5	5	0	0	6								
30	04	0045	43	41	38	29	13	81	8	03	1	8	5	5			6								
30	07	0041	43	43	43	34	14	81	1	01	1	1	5	5	0	1	7								
30	10	0029	43	43	43	35	17	08	8	10	2	8	6	2			7								
30	13	0008	44	43	43	33	24	40	8	05	2	8	5	5			7								
30	16	9998	45	44	43	33	26	24	8	05	2	8	7	4			7								
30	19	9995	45	44	44	33	26	24	8	10	2	8	6	4			7								
30	22	9992	45	45	44	33	27	08	8	10	5	8	6	3			7			33	33	492	0000	45	41
31	01	9991	45	44	43	33	26	24	8	05	2	8	6	3			7								
31	04	9991	44	44	44	33	31	16	8	10	2	8	6	3			7								
31	07	9997	45	45	45	33	30	08	8	10	2	8	6	2			7								
31	10	0004	45	45	44	34	25	40	8	10	5	6	6	3	3		7							4	
31	13	0008	45	45	44	34	23	56	7	05	2	6	6	2	3		7								
31	16	0018	45	45	44	34	23	16	8	10	2	8	5	5			7								
31	19	0037	45	45	44	33	12	16	8	20	5	8	6	2			7								
31	22	0054	40	40	40	18	13	16	8	51	6	8	0	2	2					34	38	533	0000	46	39

Results of Surface Observations,
MACQUARIE – Jun., 1956

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	0064	39	39	39	18	17	04	9	51	5	8	6	0											
01	04	0080	38	38	38	18	19	08	8	51	5	8	6	2											
01	07	0116	38	37	35	17	22	40	8	50	5	8	5	5											
01	10	0134	38	36	34	19	14	81	8	02	2	2	5	4	1		4								
01	13	0155	39	37	32	19	10	81	4	16	2	4	8	5	0	0	5								
01	16	0171	37	35	32	21	05	81	1	02	0	1	8	4	0	0	5								
01	19	0182	35	33	29	23	02	82	0	02	0	0	0	9	0	0									
01	22	0182	38	35	29	29	07	82	0	02	0	0	0	9	0	0				18	28	419	0008	40	34
02	01	0176	40	37	34	31	19	82	2	03	0	2	5	5	0	0	6								
02	04	0170	41	40	40	32	21	81	8	02	2	8	5	5			6								
02	07	0170	42	42	41	32	20	12	8	10	2	8	6	2			7								
02	10	0170	42	42	42	31	21	16	8	10	2	8	6	2			7								
02	13	0162	43	43	43	32	15	12	8	10	5	8	6	2			7								
02	16	0165	43	43	43	31	13	08	8	51	5	8	6	2											
02	19	0174	43	43	43	31	07	04	9	45	5	8	6	0											
02	22	0176	43	43	43	31	01	04	9	45	4	8	6	0						32	30	272	0000	43	39
03	01	0174	43	43	43	31	07	04	9	45	6	8	6	0											
03	04	0172	43	43	43	31	07	04	9	60	4	8	6	0											
03	07	0170	43	43	43	31	07	04	9	45	6	8	6	0											
03	10	0170	43	43	43	32	11	02	9	47	4	8	6	0											
03	13	0152	43	43	43	32	09	03	9	45	4	8	6	0											
03	16	0139	43	43	43	30	20	03	9	45	5	8	6	0											
03	19	0137	43	43	43	31	09	03	9	45	4	8	6	0											
03	22	0124	43	43	43	32	12	16	8	58	4	8	6	2			7			30	22	264	0009	44	42
04	01	0098	43	43	43	31	18	16	8	10	5	8	6	2			7								
04	04	0093	42	41	40	29	19	80	7	01	2	7	5	5			6								
04	07	0100	42	41	41	29	16	64	3	02	2	8	5	5			5								
04	10	0105	40	40	39	25	09	16	8	50	5	8	5	4			5								
04	13	0107	38	35	31	23	05	80	5	01	5	5	5	4	0	0	5								
04	16	0112	37	34	28	27	11	80	7	03	0	7	5	4			6								
04	19	0118	36	34	31	22	01	81	4	25	9	4	8	4	0	0	6								
04	22	0114	38	35	30	28	14	81	2	02	8	2	2	5	0	0	6			27	35	351	0005	43	36
05	01	0110	39	37	34	28	12	81	8	02	2	8	5	4			5								
05	04	0100	41	41	41	31	13	04	9	47	2	8	6	0											
05	07	0089	42	42	42	33	14	04	9	60	4	8	6	0											
05	10	0084	43	43	43	30	15	05	9	45	6	8	6	0											
05	13	0080	43	43	43	28	11	04	9	45	4	8	6	0											
05	16	0078	43	43	43	30	14	80	8	02	4	5	6	2	3		6								
05	19	0070	43	43	43	30	17	80	5	01	2	5	5	4	0	0	7								
05	22	0053	43	42	39	31	21	80	7	02	6	7	5	4			7			31	33	324	0004	44	39
06	01	0032	43	42	40	31	29	80	4	01	1	2	5	5	7	0	7								
06	04	0009	43	43	42	31	30	80	7	03	1	7	5	4			7								
06	07	9998	43	43	43	31	29	40	8	60	2	8	5	4	2		7								
06	10	0005	42	41	39	29	23	81	7	02	1	5	5	4	0	8	6								
06	13	0004	41	38	34	29	24	81	7	02	1	4	5	4	0	8	6								
06	16	0004	40	39	37	29	24	81	7	02	2	7	8	5			6								
06	19	9998	40	39	37	29	22	81	8	50	5	8	8	5			6								
06	22	9975	40	39	38	30	26	80	9	25	8	8	8	5			6			31	49	608	0000	44	39
07	01	9942	41	40	39	30	33	80	8	25	8	8	8	5			6								
07	04	9918	41	41	40	30	36	40	8	50	5	8	8	5			6								
07	07	9903	42	41	40	30	30	64	8	02	2	8	8	4			6								
07	10	9895	42	41	40	30	33	80	8	80	8	8	7	4	3		6								
07	13	9872	38	38	37	28	23	24	8	63	6	8	5	4	2		6								
07	16	9867	38	36	33	27	26	40	6	27	8	4	8	4	0	5	6								
07	19	9876	34	33	32	27	25	08	6	85	8	6	8	4	0	0	6								
07	22	9878	36	34	29	27	28	80	7	25	8	7	8	4			5			27	59	779	0000	42	33
08	01	9882	34	33	32	28	20	80	2	65	8	2	2	4	0	0	5								
08	04	9889	33	31	26	27	32	80	2	65	8	2	2	4	0	0	5								
08	07	9901	35	31	22	27	27	80	7	02	8	7	6	4			5								
08	10	9919	35	30	19	28	15	80	6	15	8	6	8	4	0	0	5								
08	13	9937	29	29	29	23	23	08	8	65	8	2	2	4			5								
08	16	9989	30	28	23	23	17	80	3	25	8	3	4	4			5								
08	19	0017	34	31	26	27	21	80	4	25	8	4	2	4	0	0	5								
08	22	0033	35	33	28	27	23	40	5	25	8	4	2	4	0	0	5			30	52	597	0023	37	28
09	01	0025	39	37	33	29	31	80	7	02	1	7	5	5			6								
09	04	0017	42	42	41	30	35	40	8	02	2	8	5	4			6								
09	07	0048	43	43	42	29	28	24	8	10	2	8	5	4			6								
09	10	0074	43	42	40	30	26	40	8	05	2	8	7	3			6								
09	13	0082	42	40	38	29	32	40	7	15	2	7	5	4			6								
09	16	0100	43	41	38	30	30	80	7	02	2	7	5	5			6								
09	19	0119	43	41	39	29	26	80	8	50	2	8	5	5			6								
09	22	0142	42	41	39	29	25	80	8	02	2	8	5	3			6			30	49	614	0006	45	37

Results of Surface Observations,
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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	0160	42	41	40	29	24	48	8	50	5	8	7	3			6								
10	04	0176	43	42	42	30	23	40	8	05	2	8	7	3			6								
10	07	0190	42	42	42	30	23	80	7	02	2	7	5	4			6								
10	10	0195	43	42	41	30	24	80	3	02	2	3	8	4	0	0	6								
10	13	0190	43	42	41	32	23	81	8	02	2	8	5	5			7								
10	16	0183	43	42	41	31	28	80	7	02	2	7	5	4			7								
10	19	0181	43	42	41	32	19	80	4	02	1	4	5	5			7								
10	22	0179	42	42	42	31	19	16	8	50	5	8	6	2	0	0	7			31	41	709	0005	43	41
11	01	0174	43	42	41	31	20	16	4	50	5	4	6	2			7								
11	04	0165	43	43	43	32	21	04	8	50	6	8	6	1			7								
11	07	0163	43	42	41	33	21	80	7	02	5	7	5	4			7								
11	10	0159	43	42	41	33	20	81	3	02	0	1	6	3	3	1	7								
11	13	0131	42	41	40	33	17	81	8	02	5	8	5	5	3		7								
11	16	0114	42	42	42	34	09	80	8	02	5	8	5	4			7								
11	19	0097	42	42	42	34	06	64	8	50	5	8	5	4			7								
11	22	0078	44	43	42	36	10	80	8	02	5	8	5	4			8			32	33	642	0002	44	42
12	01	0052	43	43	42	36	02	40	8	61	6	8	0	3	2		8								
12	04	0011	44	44	43	03	04	40	8	61	6	8	0	3	2										
12	07	9965	43	43	43	10	10	24	8	05	6	8	0	2											
12	10	9934	44	44	44	10	09	16	8	60	6	8	0	2	2		2								
12	13	9880	45	45	45	10	03	24	8	61	6	8	0	2	2		2								
12	16	9852	45	45	45	11	03	16	8	10	6	8	6	2			2								
12	19	9824	44	44	44	00	00	02	9	45	5	8	6	0											
12	22	9799	43	43	43	17	06	04	9	51	5	8	6	0						11	27	294	0029	45	42
13	01	9788	43	43	43	00	00	02	9	47	5	8	6	0											
13	04	9791	42	42	42	32	04	02	9	50	5	8	6	0											
13	07	9809	42	42	42	30	15	04	9	51	5	8	6	0											
13	10	9827	41	41	41	29	16	05	9	43	4	8	6	0											
13	13	9839	42	42	42	30	09	04	9	47	4	8	6	0											
13	16	9851	42	42	42	30	08	16	8	10	4	8	6	2			7								
13	19	9864	41	41	41	29	11	16	7	41	4	7	6	0											
13	22	9873	41	41	41	29	14	08	8	41	4	8	6	0						27	26	218	0018	43	40
14	01	9881	41	41	41	27	23	24	8	58	4	8	6	2			6								
14	04	9890	43	42	40	28	11	40	8	02	2	8	6	3			6								
14	07	9893	41	41	41	32	10	24	8	02	2	8	6	3			7								
14	10	9893	42	42	41	32	13	80	7	01	5	7	5	4			7								
14	13	9867	43	42	42	36	14	20	8	60	6	8	5	4	2		8								
14	16	9864	42	41	40	29	14	80	5	21	6	8	5	4	2	0	5								
14	19	9885	43	41	39	30	22	81	0	02	0	0	0	9	0	0									
14	22	9907	42	40	37	30	20	80	0	02	0	0	0	9	0	0				27	30	393	0000	43	30
15	01	9920	43	42	41	31	15	80	1	02	0	1	6	5	0	0	7								
15	04	9922	44	41	38	32	19	80	8	02	0	8	5	7			7								
15	07	9900	43	42	40	34	19	80	6	02	2	6	5	7	0	0	7								
15	10	9884	44	43	42	35	23	20	8	63	6	8	5	4	2		7								
15	13	9856	43	43	43	35	16	16	8	50	5	8	5	4			7								
15	16	9860	43	43	43	31	20	16	8	10	5	8	6	3			7								
15	19	9871	43	43	42	32	21	81	1	01	0	1	5	5	0	0	7								
15	22	9884	43	42	41	32	25	81	7	02	2	7	5	5			7			32	32	500	0009	44	42
16	01	9899	43	42	40	32	23	81	5	02	2	5	5	5	0	0	7								
16	04	9873	44	43	42	35	24	24	8	60	6	8	7	4			8								
16	07	9898	43	42	41	31	30	48	8	02	6	8	5	4			7								
16	10	9934	41	40	40	29	17	80	8	02	2	7	5	4	3		6								
16	13	9916	43	42	40	36	06	80	8	02	2	7	5	4			8								
16	16	9888	45	44	43	36	18	32	7	02	2	7	7	3			8								
16	19	9870	45	44	43	35	22	16	8	10	6	8	5	4			8								
16	22	9873	45	44	43	33	27	16	8	10	6	8	5	4			7			33	58	617	0007	46	39
17	01	9887	43	42	41	33	18	16	0	10	0	0	9	0	0										
17	04	9895	43	42	41	34	15	16	4	10	2	4	5	4	0	0	7								
17	07	9897	42	42	41	33	11	16	7	10	2	1	6	4	5		7								
17	10	9895	43	42	42	34	07	40	8	05	2	8	5	6			7								
17	13	9872	43	42	42	29	01	40	8	10	2	8	5	6			6								
17	16	9865	42	42	42	32	03	81	7	02	2	8	6	3	1		7								
17	19	9853	42	42	41	32	08	81	8	02	1	8	6	3			7								
17	22	9841	41	41	40	34	06	81	3	03	0	1	6	3	3	8	7			32	28	502	0011	44	41
18	01	9826	42	41	41	36	10	81	8	02	2	8	5	5			7								
18	04	9801	42	41	40	36	10	48	8	61	6	8	0	3	2		8								
18	07	9770	41	40	39	36	10	32	8	61	6	8	7	3	2		8								
18	10	9725	39	39	39	11	15	16	8	61	6	8	0	3	2										
18	13	9687	42	42	41	32	17	16	8	05	5	8	6	2			7								
18	16	9706	38	37	36	28	11	24	8	05	2	5	6	3	1		6								
18	19	9715	39	38	36	30	07	40	8	05	5	8	6	3			6								
18	22	9711	38	37	35	29	05	40	8	20	5	8	5	5			6			36	37	200	0051	45	38

Results of Surface Observations,
MACQUARIE — Jun., 1956

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	9707	38	37	36	28	15	40	5	16	8	5	8	5	0	0	5								
19	04	9711	38	37	35	27	12	24	7	25	8	7	5	5			5								
19	07	9722	38	36	33	27	20	40	7	05	2	7	5	5			5								
19	10	9725	37	36	34	28	20	80	6	02	2	4	5	4	3	1	5								
19	13	9713	39	37	34	00	00	80	6	02	1	3	5	5	0	1									
19	16	9732	37	36	35	23	08	80	3	02	1	2	5	2	0	1	5								
19	19	9745	38	38	37	16	12	08	8	52	5	8	6	3			3								
19	22	9753	37	37	36	18	16	16	8	10	0	1	6	3	1		3			28	36	363	0009	41	36
20	01	9762	40	40	40	16	19	16	8	50	5	1	6	2			3								
20	04	9780	40	39	38	17	27	16	8	63	6	1	0	4	2		3								
20	07	9814	39	39	38	17	30	16	8	51	6	1	6	2			3								
20	10	9838	39	38	37	17	30	40	8	05	5	1	7	3			4								
20	13	9859	38	38	36	17	30	16	8	10	2	1	5	4			4								
20	16	9891	38	36	34	18	32	40	7	10	5	6	5	4	3		4								
20	19	9920	37	36	33	17	31	40	8	02	5	8	7	4			4								
20	22	9943	36	34	31	18	21	80	6	25	9	6	8	4			4			18	44	430	0018	41	34
21	01	9955	35	34	32	18	17	81	7	26	7	7	8	4			4								
21	04	9972	33	32	31	18	13	81	7	85	7	7	8	4			4								
21	07	9985	32	32	31	19	12	81	6	26	7	6	8	4	0	0	4								
21	10	9997	33	30	25	19	07	80	7	26	8	7	5	4			4								
21	13	9999	32	32	31	19	07	81	5	16	8	5	2	4	0	0	4								
21	16	0013	31	31	30	20	07	81	7	26	8	7	8	4			4								
21	19	0038	31	30	29	18	05	80	5	26	8	5	8	4	0	0	4								
21	22	0048	31	30	28	18	02	80	7	02	1	7	8	4			4			18	30	673	0011	35	29
22	01	0056	32	30	27	25	07	80	7	02	2	7	8	5			5								
22	04	0050	35	34	32	27	18	40	7	26	2	7	8	5			6								
22	07	0045	34	37	32	27	20	40	7	02	2	7	5	5			6								
22	10	0031	39	37	35	30	27	40	8	50	5	5	5	4			6								
22	13	0002	41	41	40	29	21	16	8	50	5	5	6	3			6								
22	16	0011	40	39	38	27	23	40	8	02	5	5	6	3			6								
22	19	0008	41	41	40	27	14	08	8	51	5	5	6	4			6								
22	22	0002	41	41	40	30	19	80	8	20	5	5	5	4			6			30	42	345	0004	42	31
23	01	9974	42	41	41	32	19	08	8	21	6	6	6	2			7								
23	04	9940	43	42	42	32	20	40	8	21	6	8	6	3			7								
23	07	9901	43	42	41	33	25	24	8	10	2	8	5	4			7								
23	10	9890	41	39	37	31	25	80	8	21	6	3	5	3	1		7								
23	13	9888	41	37	31	31	25	81	4	02	1	3	1	4	1	0	7								
23	16	9900	36	36	35	27	23	80	7	26	7	7	8	3			6								
23	19	9919	39	35	27	29	34	81	7	02	1	7	8	5			5								
23	22	9928	39	35	28	29	28	81	7	02	2	7	8	5			6			28	44	562	0009	43	34
24	01	9930	39	36	31	29	23	81	2	02	0	2	5	3	1	0	6								
24	04	9901	40	40	40	33	20	80	8	61	6	8	6	3	2		7								
24	07	9887	44	44	44	32	26	49	8	21	6	8	7	2			7								
24	10	9865	44	44	43	32	32	16	8	50	5	8	5	4			7								
24	13	9866	43	39	33	30	41	80	5	02	0	5	8	5	0	0	7								
24	16	9899	41	39	35	30	43	80	6	25	8	7	8	5			7								
24	19	9943	39	36	31	28	42	80	5	25	8	5	8	5	0	0	6								
24	22	9988	39	35	29	28	39	80	7	25	8	7	8	5			6			30	72	759	0013	45	36
25	01	0031	38	34	26	28	28	81	5	25	8	4	8	3	3	0	5								
25	04	0047	39	36	32	28	22	81	7	02	2	7	8	5	5		6								
25	07	0043	39	37	34	31	12	81	8	02	2	8	5	5			5								
25	10	0033	36	36	36	35	16	16	8	68	7	3	0	4	2		7								
25	13	9983	44	44	44	31	37	16	8	50	7	3	7	3	2		7								
25	16	0013	43	43	42	31	27	80	3	01	2	1	1	4	3	5	7								
25	19	0036	42	42	42	30	22	80	6	02	0	1	1	4	3	0	6								
25	22	0041	42	42	42	31	23	40	8	03	0	1	5	4			7			32	50	861	0005	45	35
26	01	0037	42	42	42	31	23	40	8	02	2	1	5	4			7								
26	04	0027	41	41	41	31	20	08	8	61	6	1	6	4	2		7								
26	07	0031	38	37	35	27	28	16	8	28	7	1	6	4	2		5								
26	10	0045	37	36	35	28	25	81	8	23	7	1	5	3	1		5								
26	13	0057	36	35	33	28	26	81	3	26	7	1	5	3	0	0	5								
26	16	0088	35	31	23	25	12	81	1	01	1	1	5	3	0	0	6								
26	19	0102	37	32	23	28	14	81	3	02	0	1	5	3	0	0	6								
26	22	0109	37	34	27	27	16	81	8	02	2	1	5	3			6			28	53	662	0027	43	34
27	01	0109	37	35	31	29	16	81	8	02	2	1	5	3			6								
27	04	0109	37	35	31	30	13	81	8	02	2	1	5	3			6								
27	07	0095	38	35	31	33	12	81	8	02	2	1	5	3			6								
27	10	0082	38	35	31	33	12	81	5	01	2	1	5	3			7								
27	13	0057	40	39	37	34	18	80	3	00	6	1	6	3			8								
27	16	0030	41	41	41	36	12	16	8	50	6	1	6	2			8								
27	19	0010	41	41	41	34	09	04	8	44	4	1	6	2			8								
27	22	9998	43	43	43	02	12	16	8	10	4	1	6	2			8			29	27	475	0002	44	35

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
28	01	9964	43	43	43	05	03	40	9	60	6	3	7	2	2		1								
28	04	9933	44	44	44	36	03	16	8	10	6	8	5	2			8								
28	07	9906	44	44	44	04	03	16	8	10	2	8	5	2			1								
28	10	9889	44	44	44	36	07	16	8	51	5	8	6	2			8								
28	13	9852	45	45	45	36	23	16	8	51	5	8	6	2			8								
28	16	9840	45	45	45	36	23	04	9	51	5	8	6	3			8								
28	19	9835	45	45	45	36	22	08	8	60	5	8	0	4	2		8								
28	22	9832	44	44	44	36	14	08	8	61	6	8	0	3	2		8			36	47	302	0007	46	43
29	01	9825	44	44	44	36	13	08	8	63	6	8	0	2	2		8								
29	04	9813	44	44	44	36	05	08	8	63	6	8	0	2	2		8								
29	07	9813	44	44	44	36	07	08	8	51	6	8	6	2	2		8								
29	10	9813	44	44	44	36	05	16	8	10	5	8	6	2	2		8								
29	13	9798	44	44	43	06	06	16	8	50	5	8	6	2	2		1								
29	16	9795	43	43	43	00	00	04	9	50	6	8	6	3											
29	19	9789	43	43	43	00	00	05	9	45	6	8	5	3											
29	22	9775	42	42	42	00	00	03	9	60	4	8	6	3						01	37	433	0060	45	41
30	01	9757	41	41	41	18	10	08	8	60	4	8	6	2			4								
30	04	9741	40	40	40	16	14	16	8	60	6	8	5	3			4								
30	07	9741	39	38	38	18	10	40	8	41	6	8	5	3			4								
30	10	9741	36	35	34	23	17	16	7	10	2	5	5	4	3		5	5							
30	13	9739	38	36	33	25	14	81	5	02	1	4	5	4	7	9	5	6	7						
30	16	9753	37	34	30	25	12	81	5	02	2	5	5	5		0	5								
30	19	9760	37	33	27	26	10	81	6	02	2	6	5	5		0	6								
30	22	9768	34	31	24	27	17	81	4	01	8	4	8	5		0	6			27	35	184	0013	41	32

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
01	01	9775	33	31	27	27	12	81	5	26	8	5	8	5	0	0	6								
01	04	9762	35	32	27	30	15	81	7	26	8	7	8	5			6								
01	07	9746	36	33	26	32	21	81	7	02	2	3	5	5	7		7								
01	10	9732	36	35	32	34	27	80	8	21	6	1	7	4	1	8	7								
01	13	9700	38	37	34	34	27	80	7	02	6	1	7	4			7								
01	16	9696	32	32	31	27	10	08	8	83	8	8	2	4			6								
01	19	9713	34	33	31	27	14	80	6	27	7	6	2	4	0	0	6								
01	22	9731	35	32	26	29	22	80	2	02	9	2	1	4	0	0	6			34	38	427	0001	39	30
02	01	9749	35	32	27	28	25	80	2	16	0	2	2	4	0	0	6								
02	04	9784	33	32	31	27	23	80	2	02	0	2	2	4	0	0	6								
02	07	9821	32	29	24	27	17	80	6	26	8	6	2	4	0	0	6								
02	10	9839	33	28	17	28	20	81	4	02	8	4	8	5	3	1	5								
02	13	9852	31	30	27	27	18	08	3	88	8	3	2	4			5								
02	16	9880	31	27	18	25	14	80	6	27	8	6	2	4	0	0	5								
02	19	9905	32	28	20	25	06	81	1	02	0	1	5	5	0	0	5								
02	22	9917	32	30	26	31	18	81	7	02	2	7	5	5			6			28	46	578	0027	35	28
03	01	9937	33	29	23	28	16	81	5	02	8	5	8	5	0	0	6								
03	04	9960	33	30	24	27	24	81	3	02	0	3	5	5	0	0	6								
03	07	9986	33	30	23	27	20	81	7	26	8	7	8	5			6								
03	10	9996	34	30	23	28	10	82	5	01	2	3	2	4	3	0	6								
03	13	9977	37	34	29	32	17	81	4	16	0	4	8	5	0	1	7								
03	16	9959	37	35	31	32	22	81	7	16	8	7	8	5	0	1	7								
03	19	9927	38	36	33	35	30	40	7	16	8	7	8	5			7								
03	22	9880	39	38	37	33	30	24	8	60	8	8	0	4	2		7			27	51	433	0002	40	30
04	01	9879	37	36	34	26	20	40	8	25	6	8	8	4			6								
04	04	9897	34	33	29	24	07	81	3	26	8	1	2	4	0	1	5								
04	07	9934	34	32	28	20	12	81	5	02	8	3	5	5	0	1	5								
04	10	9963	34	30	22	20	13	81	6	02	2	6	5	5	0	0	5								
04	13	9983	35	30	20	27	15	82	3	01	1	3	5	5	0	0	5								
04	16	0000	35	31	23	27	20	82	6	02	2	6	5	5	0	0	6								
04	19	9996	35	32	27	29	15	82	1	02	0	1	1	5	0	0	6								
04	22	9975	37	34	29	31	25	80	8	02	8	8	5	5			6			32	44	528	0012	39	32
05	01	9915	39	38	37	32	30	16	8	50	8	8	8	4			6								
05	04	9868	41	39	34	30	31	16	7	10	5	7	5	5			6								
05	07	9842	39	36	30	30	35	80	6	02	2	6	5	5	0	0	6								
05	10	9824	36	35	30	30	35	80	6	25	8	6	8	6	0	0	5								
05	13	9846	35	34	32	27	43	16	7	86	8	7	8	4			6								
05	16	9883	36	33	27	27	27	16	8	88	8	6	8	4			6								
05	19	9918	34	30	21	25	18	80	7	02	2	7	8	5			6								
05	22	9934	33	29	21	27	17	81	7	02	2	7	5	5			6			27	76	662	0003	41	32
06	01	9940	33	29	22	27	19	81	3	02	2	3	5	5	0	0	6								
06	04	9935	33	29	22	31	30	81	6	85	8	6	8	5	0	0	6								
06	07	9931	40	40	39	29	21	40	8	05	2	8	8	3			6								
06	10	9931	41	40	38	30	27	40	7	05	2	7	8	3			6								
06	13	9934	40	38	36	29	27	81	7	02	2	7	8	4	0	1	6								
06	16	9943	40	39	37	29	26	81	5	25	8	5	8	4	0	0	6								
06	19	9951	41	40	38	29	24	80	5	02	1	5	5	5	0	0	6								
06	22	9950	41	40	38	30	27	40	8	20	2	5	5	5			6			30	47	622	0008	41	32
07	01	9937	41	40	38	31	30	40	8	02	5	8	5	5			7								
07	04	9923	42	41	39	32	33	40	8	02	5	8	5	5			7								
07	07	9916	42	40	38	31	31	80	7	02	2	5	5	5	7		7								
07	10	9912	42	40	37	32	30	80	7	02	2	7	5	5			7								
07	13	9891	43	40	35	32	28	80	8	02	2	8	5	5			7								
07	16	9866	42	41	39	33	23	40	8	02	2	8	5	4			7								
07	19	9817	43	43	43	35	30	08	8	61	6	8	0	4	2		7								
07	22	9755	42	42	42	34	16	08	8	61	6	8	0	4	2		7			31	49	763	0001	43	40
08	01	9678	41	41	40	27	14	08	8	61	6	8	0	2	2		6								
08	04	9691	41	41	40	30	12	40	8	60	6	8	0	2	2		6								
08	07	9739	30	29	28	18	45	08	8	71	7	8	0	2	2		4								
08	10	9835	28	27	25	20	25	08	7	85	7	8	0	4			4								
08	13	9888	28	25	19	19	15	81	7	85	8	7	8	4			4								
08	16	9921	28	25	16	27	15	81	7	02	2	7	5	4			6								
08	19	9931	30	28	23	28	21	81	3	26	8	3	8	4			5								
08	22	9921	30	30	29	29	28	81	3	26	8	3	8	4	0	0	6			18	59	657	0059	41	26
09	01	9902	36	34	31	30	38	24	8	26	8	8	8	4			6								
09	04	9898	34	34	34	29	30	09	8	63	8	8	8	4			6								
09	07	9909	38	36	33	29	32	81	3	01	8	3	8	4	0	0	6								
09	10	9928	38	35	31	28	26	81	3	02	0	3	2	4	0	0	6								
09	13	9929	39	36	32	29	25	81	5	16	2	5	7	4	0	0	6								
09	16	9935	39	37	35	30	26	80	8	02	8	7	8	4	5		6								
09	19	9927	40	39	38	30	30	40	8	50	5	8	8	2			6								
09	22	9931	39	38	37	30	30	40	8	20	5	8	5	2			6			31	58	668	0004	40	32

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	01	9936	40	38	36	30	30	40	8	21	6	8	6	3			6								
10	04	9950	38	36	34	29	30	80	7	25	8	7	8	4			6								
10	07	9968	39	35	29	29	29	80	8	02	8	6	5	4	5		6								
10	10	9986	38	34	26	28	23	80	7	15	2	5	5	5	7		6								
10	13	9991	37	33	25	28	14	80	8	15	1	2	5	5	1	8	6								
10	16	9991	36	33	26	28	07	80	8	02	2	8	0	9	2										
10	19	9991	36	32	25	00	00	80	8	02	2	3	5	5	1		5								
10	22	0010	36	32	25	22	04	81	3	01	2	3	5	5	0	0	5			27	54	763	0003	40	34
11	01	0033	37	33	26	27	12	82	5	03	1	3	5	5	7	0	5								
11	04	0060	34	30	23	25	10	82	4	25	8	4	8	5	0	0	5								
11	07	0079	36	32	25	27	20	81	7	03	8	7	5	5			5								
11	10	0086	38	35	29	27	22	80	7	02	2	7	5	5			6								
11	13	0085	37	35	32	27	27	80	6	26	8	6	8	5	0	0	6								
11	16	0092	37	36	33	27	22	80	7	80	8	6	8	4	3		6	6							
11	19	0092	38	36	33	28	22	80	3	02	2	3	5	5	0	0	6								
11	22	0090	38	36	33	30	20	80	3	02	0	3	5	5	0	0	6			27	40	320	0001	39	32
12	01	0092	38	36	33	28	17	80	3	25	8	3	5	5	0	0	6								
12	04	0088	38	36	34	30	17	80	4	02	2	4	5	5	0	0	6								
12	07	0085	38	37	34	30	23	80	7	80	8	7	8	4			5								
12	10	0081	39	37	34	31	23	81	5	15	8	5	8	5	3	0	6								
12	13	0061	40	38	35	32	26	81	6	02	2	6	8	5	0	0	7								
12	16	0045	40	37	32	32	28	82	4	02	1	4	5	5	0	0	7								
12	19	0033	40	39	38	32	28	80	8	20	2	8	5	5			7								
12	22	0013	40	40	40	32	27	24	8	51	5	8	6	4			7			32	37	567	0003	41	35
13	01	9990	41	41	40	32	28	16	8	58	6	8	6	4			7								
13	04	9997	37	36	34	28	23	80	8	25	8	8	8	5			6								
13	07	0022	36	33	27	26	10	81	3	01	8	3	8	4	0	0	5								
13	10	0046	35	33	28	30	18	81	4	27	8	4	8	4	3	0	6								
13	13	0063	36	32	25	26	15	81	7	02	2	7	5	5			6								
13	16	0083	36	32	23	28	17	80	7	02	2	7	5	5			6								
13	19	0089	38	34	28	27	17	80	8	02	2	8	5	5			6								
13	22	0084	38	36	32	30	23	80	8	02	2	8	5	5			6			29	46	612	0009	41	35
14	01	0062	39	37	35	31	30	80	7	02	2	7	5	5			7								
14	04	0053	40	39	37	31	30	80	7	02	2	7	5	5			7								
14	07	0053	40	39	38	30	26	40	8	51	5	8	5	4			6								
14	10	0055	39	38	38	30	24	24	8	50	5	8	5	4			6								
14	13	0044	39	38	37	29	23	60	7	20	5	6	5	4	3		6								
14	16	0045	39	39	38	30	22	80	8	02	5	8	5	4			6								
14	19	0053	40	40	39	30	21	16	8	10	5	8	6	3			6								
14	22	0082	37	35	32	20	05	81	3	01	2	3	0	9	7	0				30	40	580	0000	40	36
15	01	0106	34	31	26	22	03	81	0	02	0	0	0	9	0	0									
15	04	0132	33	30	25	22	02	81	0	02	0	0	0	9	0	0									
15	07	0154	34	30	23	22	03	81	7	03	0	7	5	5			5								
15	10	0167	36	31	22	29	07	81	7	02	2	7	5	5			5								
15	13	0172	36	31	21	27	05	82	7	02	2	7	5	5			5								
15	16	0188	36	32	23	27	13	81	8	02	2	8	5	5			6								
15	19	0195	37	33	27	28	14	80	8	02	2	8	5	5			6								
15	22	0204	37	34	27	30	20	80	8	02	2	8	5	5			6			30	34	379	0003	37	32
16	01	0205	37	34	29	30	25	80	8	02	2	8	5	5			6								
16	04	0199	38	35	30	29	26	80	7	02	2	7	5	5			6								
16	07	0209	39	37	33	29	24	81	7	02	2	7	5	5			6								
16	10	0217	40	38	36	30	20	81	7	02	2	3	5	5	7		6	6							
16	13	0215	40	38	35	29	12	81	5	01	2	2	5	5	7		6	6							
16	16	0226	40	37	33	28	17	81	7	02	2	7	5	5			6								
16	19	0239	38	37	35	28	16	81	7	02	5	7	5	5			6								
16	22	0255	37	36	35	28	10	81	5	02	5	5	5	5	0	0	6			29	38	518	0000	41	36
17	01	0258	37	37	36	28	11	81	7	20	5	7	5	5			6								
17	04	0266	36	36	35	27	07	81	3	02	0	3	5	5	0	0	6								
17	07	0276	36	36	36	27	05	24	7	41	2	7	6	5	0		6								
17	10	0288	37	37	36	00	00	80	6	01	4	6	6	4	0	0	6								
17	13	0279	38	38	37	32	04	24	7	41	4	7	6	6	0		6								
17	16	0282	37	37	37	30	02	16	7	10	2	7	6	6	2		6								
17	19	0283	35	35	35	00	00	24	5	11	2	5	6	6	2	0	2								
17	22	0283	35	35	35	00	00	16	5	11	4	5	6	7	0	0	2			27	21	282	0002	36	35
18	01	0277	36	35	33	04	02	80	5	02	4	5	5	4	0	0	8								
18	04	0265	36	36	35	00	00	24	5	11	4	5	6	3	0	0	8								
18	07	0261	37	37	36	09	03	24	7	10	4	7	6	4	2		8								
18	10	0256	39	39	38	11	09	81	7	10	2	7	6	2			8								
18	13	0231	41	40	40	02	03	40	7	41	5	7	6	4			8								
18	16	0218	40	39	38	02	06	81	5	01	2	5	5	5	0	0	8								
18	19	0208	41	38	33	36	05	81	7	02	2	7	5	5			8								
18	22	0199	40	40	39	36	04	40	7	20	5	7	5	3			8			04	20	111	0006	43	35

Results of Surface Observations,
MACQUARIE – Jul., 1956

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	0187	41	40	39	36	04	80	7	02	1	7	5	5			8								
19	04	0174	41	41	40	36	04	16	8	51	5	8	6	3											
19	07	0169	42	42	42	36	06	16	8	10	2	8	6	2											
19	10	0164	42	42	41	04	04	40	8	10	2	8	6	3			1								
19	13	0139	43	43	42	02	06	24	8	10	5	8	6	2			8								
19	16	0128	43	42	42	36	18	32	8	02	2	6	5	5	7		8								
19	19	0117	43	42	40	36	23	40	8	02	2	5	6	3	7		8								
19	22	0113	43	42	41	01	23	80	8	02	2	4	6	2	0	7	8			35	40	141	0007	44	40
20	01	0098	43	42	41	01	23	40	8	20	5	8	6	2			8								
20	04	0087	43	43	42	01	14	16	8	60	6	8	0	4	2		8								
20	07	0081	42	42	42	01	12	16	8	61	6	3	7	2	2		8								
20	10	0077	42	42	42	35	13	16	8	61	6	2	0	3	2		7								
20	13	0063	42	42	42	32	03	08	8	61	6	2	7	2			7								
20	16	0066	41	41	41	00	00	81	1	01	1	1	5	5	3	0	6								
20	19	0070	38	38	37	00	00	81	1	02	0	1	5	5	0	0	6								
20	22	0071	37	36	35	00	00	81	0	02	0	0	0	9	0	0				01	37	432	0021	45	36
21	01	0069	36	35	34	00	00	81	1	02	0	1	6	0	0	0									
21	04	0064	36	36	36	18	06	02	9	45	4	8	6	0											
21	07	0060	35	35	35	17	10	80	1	40	4	1	6	0											
21	10	0053	36	36	35	15	14	40	3	41	0	2	6	3	5	0	2								
21	13	0033	38	38	38	16	13	12	8	41	2	8	6	0											
21	16	0016	38	38	38	16	12	08	8	51	5	8	6	2			3								
21	19	9997	40	40	40	16	04	08	8	61	6	8	7	2			3								
21	22	9977	42	42	42	07	03	08	8	61	6	6	7	2			2			02	20	146	0016	43	34
22	01	9956	42	42	41	02	03	56	8	21	6	8	7	3			7								
22	04	9927	41	41	41	00	00	08	8	21	6	8	7	2			8								
22	07	9912	41	41	41	04	01	16	8	21	6	8	6	2			8								
22	10	9907	41	41	41	00	00	80	7	21	6	7	5	3	7		8	8							
22	13	9891	41	41	40	28	03	80	7	02	1	6	5	2	3		6	5							
22	16	9893	40	40	40	28	12	24	8	61	6	5	7	3	2		6								
22	19	9904	40	40	39	23	12	80	7	02	2	1	5	5	3		5								
22	22	9924	40	40	39	00	00	80	7	40	2	6	5	3	3		5			28	21	155	0037	43	39
23	01	9939	40	40	39	00	00	60	7	41	2	5	5	3	3		5								
23	04	9959	38	38	38	17	14	05	9	45	5	8	6	0											
23	07	9972	38	38	38	15	14	16	7	01	4	5	6	0	3										
23	10	9986	38	38	37	14	10	24	8	20	5	8	6	2			3								
23	13	9992	38	38	37	12	08	16	8	41	5	8	6	0			3								
23	16	0003	38	38	37	12	01	40	7	40	4	7	6	2											
23	19	0016	38	37	36	12	03	80	8	02	2	8	6	2			4								
23	22	0026	38	37	36	14	03	81	3	01	2	2	5	5	3	0	4	6		17	17	205	0010	40	37
24	01	0037	37	36	35	00	00	81	7	03	1	7	5	5			4								
24	04	0046	36	36	36	17	10	24	7	10	2	5	5	3	3		4	6							
24	07	0058	36	36	35	17	10	40	8	10	2	8	6	2											
24	10	0070	36	36	35	18	17	08	6	50	5	6	6	0	0	1	3		4						
24	13	0070	37	36	35	18	15	80	3	01	5	3	5	4	0	0	3								
24	16	0081	36	35	34	16	21	81	6	02	2	6	6	4	0	0	4								
24	19	0096	36	35	32	17	16	80	7	02	2	7	5	5			4								
24	22	0105	35	34	33	18	10	16	8	50	5	8	5	4			5			16	27	198	0002	39	34
25	01	0102	35	33	30	18	09	81	5	02	2	5	5	5	0	0	5								
25	04	0100	32	31	30	18	03	81	1	40	0	1	6	0	0	0									
25	07	0103	33	32	30	24	03	82	1	40	0	1	6	0	0	0									
25	10	0102	36	35	32	22	02	80	2	40	1	2	6	0	0	0	5								
25	13	0085	39	36	32	25	07	82	1	02	0	1	5	5	0	0	5								
25	16	0089	36	34	30	18	05	81	2	02	0	2	5	5	0	0	4								
25	19	0093	34	32	28	18	05	81	3	02	1	3	5	5	0	0	4								
25	22	0096	33	32	29	22	03	81	7	03	1	3	5	5	5		5			24	22	301	0000	39	31
26	01	0093	32	31	27	18	03	81	4	01	2	3	5	5	3	0	4								
26	04	0093	32	30	26	18	07	81	6	26	8	6	8	5	0	0	4								
26	07	0096	33	30	24	18	05	81	7	02	2	7	5	5			4								
26	10	0100	33	30	25	18	05	81	7	02	2	7	5	5			5								
26	13	0093	32	30	25	18	05	81	7	02	2	7	5	5			5								
26	16	0087	31	29	24	27	02	81	8	02	2	8	5	5			5								
26	19	0082	32	30	25	23	04	81	8	02	2	8	5	5			5								
26	22	0080	33	31	28	29	12	81	8	02	2	8	5	5			6			27	25	207	0001	35	31
27	01	0072	33	32	29	27	15	81	6	02	8	6	8	5	0	0	6								
27	04	0068	32	32	31	27	08	16	6	85	8	6	8	4	0	0	6								
27	07	0066	33	32	30	27	07	64	5	02	8	5	8	5	0	0	6								
27	10	0066	33	32	30	29	05	80	6	26	8	6	8	4	0	0	6								
27	13	0054	35	33	29	30	07	81	3	16	0	3	8	4	0	0	7								
27	16	0046	34	33	30	33	09	81	5	16	8	5	8	5	3	0	7	6							
27	19	0039	35	34	31	30	03	80	7	02	2	7	8	4			7								
27	22	0030	36	35	33	35	10	80	7	02	1	7	5	4			7			27	26	200	0000	37	32

Results of Surface Observations,
MACQUARIE – Jul., 1956

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	0012	38	37	36	36	15	80	4	01	6	3	5	5	7	0	7	7							
28	04	9994	39	38	37	01	15	80	7	02	2	7	5	5			7								
28	07	9968	40	40	39	02	20	80	8	02	6	8	5	5			8								
28	10	9934	42	41	40	01	22	60	8	02	2	4	5	3	1		8								
28	13	9865	42	41	40	35	33	24	8	61	6	3	7	3	2		8								
28	16	9808	43	43	43	34	36	16	8	21	6	8	6	2			7								
28	19	9819	43	43	42	31	32	40	8	02	2	8	6	3			6								
28	22	9855	40	38	35	30	25	80	7	02	2	7	5	5			6			34	53	294	0003	44	37
29	01	9871	40	38	36	30	21	80	6	02	2	6	5	5	0	0	6								
29	04	9876	40	40	39	30	18	80	8	02	2	8	5	5			6								
29	07	9883	40	40	40	30	14	60	8	02	2	8	5	5			6								
29	10	9896	40	40	39	29	08	80	8	02	2	8	6	4			6								
29	13	9910	41	40	38	28	07	81	7	02	2	2	5	5	5		6								
29	16	9928	41	40	40	34	05	81	7	02	2	7	5	5	3		7								
29	19	9932	41	41	40	01	03	40	8	60	2	3	7	3	2		7								
29	22	9910	40	40	40	02	03	24	8	61	6	8	0	5	2		7			29	33	654	0024	45	39
30	01	9884	43	43	43	33	25	24	8	20	6	8	6	3			7								
30	04	9869	43	43	42	33	28	24	8	10	5	8	6	3			7								
30	07	9855	43	43	42	35	20	24	8	10	2	8	6	3			8								
30	10	9836	44	43	42	35	24	24	8	10	2	8	6	3			8								
30	13	9793	44	43	42	35	27	16	8	58	2	8	7	3			8								
30	16	9779	43	43	42	34	31	24	8	21	6	8	7	3			7								
30	19	9817	40	38	35	29	26	40	8	02	2	8	7	3			6								
30	22	9850	39	38	36	30	20	80	8	25	8	8	8	5			6			32	46	363	0029	45	39
31	01	9859	40	37	33	32	18	81	2	02	0	2	5	5	0	0	7								
31	04	9868	39	37	35	32	20	82	1	02	0	1	5	6	0	0	7								
31	07	9873	39	38	36	32	15	82	1	02	0	1	5	5	0	0	7								
31	10	9872	40	38	35	33	20	82	3	02	1	3	8	5	0	0	7								
31	13	9865	40	38	34	32	23	82	3	02	0	3	8	5	0	0	7								
31	16	9874	37	36	34	31	23	81	5	25	8	5	8	5	0	0	7								
31	19	9880	38	35	30	32	23	81	4	16	8	4	8	5	0	0	7								
31	22	9891	35	34	32	31	21	81	5	16	8	5	8	5	0	0	6			32	38	619	0009	41	34

Results of Surface Observations,
MACQUARIE – Aug, 1956

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	9909	34	33	30	29	20	81	6	26	R	6	R	4	0	0	6								
01	04	9930	32	32	32	28	21	24	7	65	R	7	R	4			6								
01	07	9953	32	29	24	27	17	40	7	26	R	7	R	4			6								
01	10	9975	33	30	26	26	15	81	4	16	R	4	R	5	3	0	5								
01	13	0001	33	31	27	27	17	40	5	26	R	5	R	5	C	0	5								
01	16	0021	34	32	28	26	17	64	8	26	R	8	R	5			6								
01	19	0046	35	33	30	25	16	80	8	02	R	8	R	5			6								
01	22	0064	35	32	27	26	12	80	7	02	2	7	R	5			6			28	50	523	0009	36	29
02	01	0077	36	34	29	26	14	81	7	02	2	7	5	5			6								
02	04	0090	37	36	34	27	17	16	8	61	6	8	0	4	2		6								
02	07	0099	38	38	37	27	09	16	8	10	5	8	6	0											
02	10	0103	40	40	40	29	15	16	8	58	5	8	6	2			6								
02	13	0115	40	40	39	26	08	40	7	41	5	7	5	0			6								
02	16	0127	40	40	39	29	07	16	7	58	5	7	6	2			6								
02	19	0137	40	40	40	28	17	16	8	58	6	8	6	2			6								
02	22	0137	40	40	40	27	12	16	8	58	6	8	6	2			6			28	33	399	0006	41	35
03	01	0135	40	40	40	30	12	16	9	58	6	8	5	2			6								
03	04	0127	40	40	40	31	18	40	6	20	6	6	6	2			6								
03	07	0115	40	39	37	33	24	80	7	02	6	7	5	5			7								
03	10	0090	41	40	39	34	26	81	3	16	2	3	5	5	1		7	6							
03	13	0087	39	37	34	28	28	81	5	01	8	6	8	5	0	0	6								
03	16	0089	39	37	34	28	23	80	7	25	8	7	8	5			6								
03	19	0093	38	37	35	28	25	80	8	25	R	7	R	5			6								
03	22	0090	38	37	34	28	25	81	7	25	R	7	R	5			6			33	50	324	0009	42	37
04	01	0089	37	36	33	28	28	80	8	80	R	8	R	5			6								
04	04	0098	37	35	31	27	22	60	7	02	2	7	5	5			6								
04	07	0106	37	35	32	27	17	81	3	02	0	2	5	5	3	1	6	5	6						
04	10	0108	38	36	33	28	18	81	6	02	2	4	5	5	0	2	6		6						
04	13	0096	40	38	36	29	10	81	7	02	2	7	5	5			6								
04	16	0089	39	38	36	32	07	61	8	02	2	7	5	5	1		6								
04	19	0087	38	37	36	00	00	40	8	50	6	H	E	4											
04	22	0081	38	38	38	00	00	04	9	51	5	8	6	0						28	43	611	0013	40	35
05	01	0080	39	39	39	14	04	04	9	45	4	8	6	0											
05	04	0087	38	38	38	00	00	08	7	10	4	7	6	4											
05	07	0100	38	38	37	32	05	40	8	10	2	8	6	2			7								
05	10	0099	36	36	36	31	08	08	7	41	4	7	6	2			7								
05	13	0093	38	38	38	32	14	60	8	02	2	8	6	2			7								
05	16	0095	40	40	39	33	16	08	8	10	2	8	6	2			7								
05	19	0105	40	40	39	32	12	08	8	10	5	8	6	2			7								
05	22	0113	41	41	41	34	12	08	8	50	5	8	6	2			7			32	21	166	0007	41	35
06	01	0120	39	38	37	27	10	16	8	50	5	8	6	3			6								
06	04	0123	39	37	35	31	13	24	8	10	5	8	6	4			6								
06	07	0129	38	37	36	32	13	40	8	20	5	8	6	4			6								
06	10	0131	40	39	37	32	15	81	8	02	2	8	6	5			7								
06	13	0124	41	40	39	34	14	81	7	02	2	8	6	4	4	8	7								
06	16	0127	41	41	41	33	12	16	8	10	5	8	6	2			7								
06	19	0128	41	41	41	33	12	16	8	10	5	8	6	2			7								
06	22	0130	41	41	41	32	10	16	8	10	5	8	6	2			7			31	25	372	0005	41	37
07	01	0124	41	41	41	34	15	05	9	47	4	8	6	3											
07	04	0118	41	41	41	35	16	03	9	45	4	8	6	3											
07	07	0116	42	42	42	34	17	80	8	02	2	8	6	3			7								
07	10	0116	42	42	42	34	16	16	8	10	2	8	6	2			7								
07	13	0112	42	42	41	33	21	40	8	10	2	8	6	2			7								
07	16	0117	41	41	40	34	20	40	7	10	2	8	6	2	0	2	7								
07	19	0122	41	41	41	31	09	40	8	10	2	8	6	2			7								
07	22	0120	41	41	41	34	12	40	8	10	2	8	6	4			7			32	32	307	0001	43	34
08	01	0117	42	42	41	34	13	40	8	10	2	8	6	2			7								
08	04	0104	41	41	41	34	14	40	7	10	2	7	5	4			7								
08	07	0097	42	41	41	35	23	80	7	02	2	7	5	5			8								
08	10	0093	42	41	40	35	21	40	7	02	2	7	6	3			7								
08	13	0076	42	42	42	34	22	40	8	02	2	8	5	3			7								
08	16	0068	42	41	41	35	22	80	5	02	1	2	6	2			7								
08	19	0058	42	42	41	35	26	80	7	02	2	7	5	5			7								
08	22	0050	41	41	40	35	25	80	3	01	2	3	6	2	0	0	8			34	32	395	0000	43	41
09	01	0026	41	41	40	35	23	80	2	01	1	2	6	2	C	0	8								
09	04	9999	41	41	40	35	21	60	2	02	0	2	6	2	C	0	8								
09	07	9971	41	41	40	35	21	80	7	03	1	5	6	2	C	1	8								
09	10	9944	42	41	40	35	26	64	8	03	2	E	5	3			8								
09	13	9886	42	42	41	35	32	16	8	61	6	3	7	3			8								
09	16	9848	42	42	42	35	29	16	8	60	6	3	7	2			8								
09	19	9831	41	41	41	33	22	06	9	47	4	8	6	0											
09	22	9824	41	41	40	33	22	08	8	50	6	8	7	2			7			34	42	619	0000	43	37

Results of Surface Observations,
MACQUARIE – Aug., 1956

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St. miles	Points	°F	°F
10	01	9839	37	37	36	20	14	16	8	60	6	8	7	3			5								
10	04	9870	35	33	31	19	21	80	8	02	6	8	7	4			5								
10	07	9892	33	32	31	19	20	81	7	26	8	7	8	3			4								
10	10	9911	33	30	23	20	15	81	8	02	2	7	8	5	0	8	4								
10	13	9930	31	28	21	21	16	81	8	02	2	8	5	5			4								
10	16	9953	30	27	21	19	16	81	8	02	2	8	5	5			4								
10	19	9984	31	28	22	20	20	81	8	02	2	8	5	5			4								
10	22	0004	33	32	29	18	12	81	8	02	2	8	5	5			4			19	36	560	0015	38	29
11	01	0020	34	32	27	20	10	80	8	02	2	8	5	5			5								
11	04	0027	34	32	27	28	22	80	7	02	2	7	5	5			5								
11	07	0038	35	32	26	28	23	80	7	02	2	7	5	5			6								
11	10	0038	37	35	30	29	25	81	6	02	2	6	5	5	0	0	6								
11	13	0041	38	35	31	28	28	81	7	02	2	7	5	5			6								
11	16	0048	37	34	29	28	28	81	7	02	2	7	5	5			6								
11	19	0055	37	35	31	29	26	81	7	02	2	7	5	5			6			28	40	422	0000	38	33
11	22	0058	37	35	30	29	23	81	7	02	2	7	5	5			6								
12	01	0059	37	35	32	30	23	81	8	02	2	8	5	5			6								
12	04	0057	37	35	33	31	23	81	8	02	2	8	5	4			6								
12	07	0057	37	35	33	31	25	81	6	01	2	6	5	5	0	0	6								
12	10	0051	39	37	35	32	20	82	5	01	1	5	5	5	0	0	7								
12	13	0031	39	38	36	34	21	82	5	03	1	5	5	5	0	0	7								
12	16	0016	38	37	35	34	24	81	6	25	1	6	8	5	0	0	7								
12	19	9997	39	38	37	35	25	81	7	25	1	7	8	5			7								
12	22	9971	39	38	38	35	22	81	8	80	8	8	8	5			7			34	36	682	0000	41	37
13	01	9941	40	39	38	35	22	81	6	01	2	6	5	5	0	0	7								
13	04	9911	41	40	40	35	24	80	8	60	2	8	0	4	2		7								
13	07	9902	41	40	39	35	22	81	4	01	2	4	5	5	3	9	7								
13	10	9898	41	40	39	35	16	80	6	25	2	6	5	5	0	0	7								
13	13	9870	42	41	39	01	18	81	5	02	1	5	5	5	0	0	8								
13	16	9847	41	39	37	01	23	80	7	02	2	6	5	5	0	1	8								
13	19	9818	42	40	37	01	27	80	7	02	2	7	5	5			8								
13	22	9781	42	40	37	01	32	80	7	02	2	7	5	5	1		8	8		36	57	526	0004	42	39
14	01	9731	42	41	39	36	37	40	8	61	6	8	0	4	2		8								
14	04	9689	42	41	40	36	37	08	8	65	6	8	0	4	2		8			0					
14	07	9695	39	38	36	33	21	80	8	02	7	1	8	9	3	6	8	7							
14	10	9710	40	39	37	33	23	81	2	02	0	1	8	4	0	8	7								
14	13	9719	39	37	34	33	35	81	4	02	1	2	8	4	0	8	7								
14	16	9724	40	39	37	36	15	64	7	03	1	1	5	5	1		7								
14	19	9708	38	37	35	35	21	40	8	60	2	3	7	4	2		7								
14	22	9715	39	38	36	35	17	80	8	02	2	6	5	5			7			35	65	647	0023	43	35
15	01	9688	35	35	34	35	10	08	8	71	7	8	8	4	2		7								
15	04	9557	42	41	39	04	10	40	8	21	6	8	6	4			1								
15	07	9660	35	35	34	31	32	64	8	26	8	7	8	5	1		7								
15	10	9712	38	35	31	31	38	80	7	16	8	5	4	3	0	3	6								
15	13	9769	36	35	34	32	30	40	7	26	8	6	7	5	3		7								
15	16	9826	37	35	30	29	26	80	5	16	8	5	3	2	3	0	7								
15	19	9865	36	34	31	31	22	80	3	26	8	3	2	0	3	7	7								
15	22	9883	37	33	24	31	26	81	8	03	1	0	0	9	0	7	7			28	72	604	0035	43	31
16	01	9874	39	36	30	35	31	80	8	02	2	8	0	9	1		8								
16	04	9842	38	37	36	35	35	08	8	65	6	8	0	4	2		8								
16	07	9825	41	40	40	33	34	40	8	02	6	8	5	4	3	2	7								
16	10	9848	40	39	38	31	23	64	7	03	1	7	5	5	7		6								
16	13	9868	40	39	38	31	24	40	7	02	2	3	5	5	5		7	7							
16	16	9892	40	39	39	32	20	64	7	02	1	6	5	4	3		7								
16	19	9910	40	40	40	33	17	48	8	02	2	8	5	4			7								
16	22	9917	42	42	42	33	27	40	8	20	5	8	5	3			7			34	53	747	0010	43	37
17	01	9930	43	43	42	33	30	16	8	58	5	8	6	3			7								
17	04	9957	42	42	42	33	24	40	8	02	5	8	5	2			7								
17	07	9980	42	42	42	33	24	16	8	10	5	8	6	3			7								
17	10	9995	42	42	41	33	24	24	8	10	5	8	6	3			7								
17	13	9988	42	42	42	33	26	80	8	20	5	8	6	4			7								
17	16	9971	42	42	41	34	29	16	8	10	5	8	6	2	3		7								
17	19	9952	43	43	43	34	32	08	8	51	5	8	6	2			7								
17	22	9938	43	43	43	34	35	08	8	51	5	8	6	2			7			33	43	609	0009	43	41
18	01	9954	42	41	40	32	28	40	8	50	6	8	5	3			7								
18	04	9990	41	39	36	32	35	80	2	02	6	2	2	4	0		7								
18	07	0034	40	38	35	31	31	81	1	02	0	1	7	4	3	0	7								
18	10	0052	41	39	35	32	29	81	4	03	1	2	0	9	5	5	7	6							
18	13	0052	42	41	40	33	22	80	6	02	1	3	5	3	1		7	7							
18	16	0035	42	41	40	34	30	80	8	03	1	3	5	5	6		7								
18	19	0025	42	42	41	34	27	80	8	02	2	8	5	3			7								
18	22	0014	41	41	40	34	23	80	8	02	2	8	5	5			7			31	60	786	0003	43	38

Results of Surface Observations,
MACQUARIE – Aug., 1956

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	0000	41	41	41	34	23	81	8	02	2	0	0	9	0	7	7								
19	04	9981	41	41	41	34	20	81	8	02	2	0	0	9	1			7							
19	07	9974	42	42	41	34	19	81	8	02	2	0	0	9	1			7							
19	10	9970	41	41	40	34	14	24	8	61	6	1	8	3	2			7							
19	13	9937	42	42	42	34	16	40	8	21	6	6	6	2				7							
19	16	9910	42	42	42	34	27	24	8	10	6	6	5	3				7							
19	19	9907	41	40	39	32	18	80	7	02	2	7	5	5				7							
19	22	9904	39	38	36	30	19	40	8	50	5	8	5	4				7		33	38	595	004	42	37
20	01	9912	38	36	33	32	26	81	1	02	0	1	5	4	0	0		7							
20	04	9915	39	36	30	31	39	81	1	02	0	1	5	4	0	0		7							
20	07	9941	36	35	30	31	35	81	6	27	8	4	5	4	0	0		7							
20	10	9941	40	37	31	33	31	81	6	03	1	3	5	5	7	8		7							
20	13	9883	42	40	37	34	45	24	8	60	6	6	5	5	2			7							
20	16	9859	43	41	40	34	48	16	8	58	6	5	7	4	2			7							
20	19	9926	37	36	33	28	21	81	7	02	2	7	8	5				7							
20	22	9974	38	35	30	29	25	81	5	02	2	5	5	5	0	0		7		35	69	686	008	44	34
21	01	0000	36	36	33	30	20	81	6	02	2	6	8	5	0	0		7							
21	04	0002	39	37	33	34	19	81	8	03	2	8	0	5	1			7							
21	07	9975	39	39	39	36	08	16	8	61	6	8	6	2				8							
21	10	9949	43	42	41	33	33	08	8	10	6	6	6	4				7							
21	13	9925	43	42	42	34	37	24	8	58	5	8	7	3				7							
21	16	9911	44	43	42	34	37	16	8	58	5	8	7	3				7							
21	19	9916	40	39	39	32	23	40	8	61	7	8	0	4	2			7							
21	22	9928	39	38	37	32	23	40	8	60	6	3	7	4	1			7		34	62	573	017	44	37
22	01	9934	39	38	36	32	18	40	8	60	6	3	7	4	2		7								
22	04	9939	38	37	36	28	10	40	8	60	6	3	7	4	2		6								
22	07	9944	37	36	34	00	00	80	8	21	6	8	0	5	2										
22	10	9937	37	35	33	01	09	81	8	02	2	3	5	5	2		8								
22	13	9895	35	35	35	11	13	24	8	71	7	8	0	4	2		1								
22	16	9861	38	38	37	14	10	08	8	10	7	8	6	2			8								
22	19	9835	42	42	41	35	20	08	8	61	6	8	0	2	2		7								
22	22	9832	39	37	33	32	35	40	7	02	2	7	5	5			7			32	50	609	017	42	33
23	01	9854	39	37	34	32	21	80	8	02	2	0	0	9	0	7									
23	04	9846	39	38	36	34	10	80	8	02	2	8	0	9	1										
23	07	9832	40	39	38	02	03	80	8	02	2	8	5	6			8								
23	10	9815	40	39	37	05	05	81	5	02	2	3	5	4	1		8								
23	13	9789	38	37	36	08	08	80	8	02	2	8	5	4			1								
23	16	9761	38	37	35	12	13	16	8	61	6	8	0	3	2		2								
23	19	9717	37	37	36	15	24	08	8	61	6	8	0	4	2		3								
23	22	9655	39	39	38	17	25	08	8	61	6	8	0	3	2		4			32	35	420	013	41	37
24	01	9633	38	38	38	32	16	16	8	20	5	8	5	2			7								
24	04	9650	36	35	34	29	23	40	8	02	2	8	7	3			6								
24	07	9698	35	34	32	25	10	16	8	70	7	8	0	4	2		5								
24	10	9725	32	32	31	26	14	08	3	71	7	8	0	4	2		5								
24	13	9762	34	33	31	24	10	81	5	16	1	5	8	5		1	6								
24	16	9793	34	32	27	19	12	80	8	02	2	8	8	5			6								
24	19	9812	31	31	29	18	10	80	4	26	2	4	8	3			4								
24	22	9814	31	30	27	19	10	80	6	02	2	6	8	5	0	0	4			29	36	443	004	38	30
25	01	9815	30	29	28	16	12	80	6	26	8	6	8	5	0	0	4								
25	04	9809	30	28	25	17	07	80	7	15	8	6	8	5	3		4								
25	07	9807	28	27	24	17	05	81	6	15	8	5	8	5	0	1	4		7						
25	10	9809	29	27	23	18	07	81	3	02	0	3	5	5	0	0	3								
25	13	9806	30	27	20	15	05	82	4	02	1	3	5	5	0	5	3		7						
25	16	9819	30	26	17	17	12	82	4	15	1	0	4	1	5	5	3	5							
25	19	9843	30	26	17	16	18	82	1	02	0	1	5	5	0	0	3								
25	22	9861	30	26	17	16	14	82	1	02	0	1	5	5	0	0	3			19	23	278	004	31	26
26	01	9869	29	25	15	14	05	82	0	02	0	0	0	9	0	0									
26	04	9873	26	23	14	22	01	82	0	02	0	0	0	9	0	0									
26	07	9878	30	26	17	36	06	82	1	02	0	0	0	9	0	1			5						
26	10	9874	33	28	17	35	10	82	1	02	0	0	0	9	3	5									
26	13	9866	35	31	21	35	10	82	3	02	0	1	0	5	3	4		5							
26	16	9865	35	31	25	35	13	82	1	02	0	0	0	5	3	4		5	6						
26	19	9874	35	32	25	35	11	82	1	02	0	1	5	5	0	0	7								
26	22	9875	37	34	29	35	15	82	1	02	0	1	5	5	0	0	7			34	23	145	000	37	26
27	01	9874	37	35	34	31	16	82	7	03	1	5	5	5	3	0	7	5							
27	04	9889	35	34	31	22	12	82	5	02	0	3	5	5		0	5								
27	07	9905	34	32	27	25	06	81	7	26	8	7	9	5			5								
27	10	9914	35	33	30	27	03	40	7	26	8	7	8	5			6								
27	13	9915	37	34	30	29	07	82	5	02	0	1	5	5	0	0	6								
27	16	9922	36	34	29	27	03	82	1	02	0	1	5	5	0	0	6								
27	19	9933	35	33	31	29	03	81	3	26	1	3	8	4	0	0	6								
27	22	9934	35	34	31	30	07	81	4	26	8	4	8	4	0	0	6			30	22	308	003	37	33

Results of Surface Observations,
MACQUARIE – Aug., 1956

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	9929	37	36	34	34	17	40	8	03	1	8	6	4			7								
28	04	9916	39	38	37	34	20	40	8	02	2	8	6	4			7								
28	07	9908	40	40	40	33	21	24	8	10	2	8	6	3			7								
28	10	9898	41	40	40	33	23	80	8	02	2	8	7	3			7								
28	13	9898	41	39	37	29	25	80	8	25	2	7	8	4	0	1	6								
28	16	9921	38	34	26	28	22	81	3	02	0	3	5	5	3	0	6	6							
28	19	9941	37	34	27	27	15	81	1	02	0	1	5	5	0	0	6								
28	22	9951	36	34	31	28	17	81	1	02	0	1	5	5	0	0	6			29	38	278	0001	41	35
29	01	9954	37	34	27	29	16	81	4	02	1	4	5	5	3	0	6								
29	04	9940	38	36	33	33	17	81	8	03	1	8	0	9	1										
29	07	9902	39	38	37	35	31	24	8	60	6	8	0	4	2		8								
29	10	9882	42	42	42	33	29	32	8	02	6	8	7	3			7								
29	13	9871	43	42	42	33	28	64	7	02	2	7	5	4			7								
29	16	9870	42	42	41	33	25	64	8	02	2	7	5	4	1		7								
29	19	9867	43	42	41	33	28	56	8	60	2	5	6	4	2		7								
29	22	9885	41	41	41	31	20	24	8	60	6	8	7	3			7			33	42	566	0007	43	37
30	01	9891	41	41	41	33	18	24	8	60	6	8	7	4			7								
30	04	9883	42	42	42	33	28	40	7	20	6	7	6	4			7								
30	07	9871	43	43	43	34	31	40	8	58	5	5	6	4	2		7								
30	10	9856	44	43	42	35	36	40	8	02	2	7	7	3	1		7								
30	13	9824	44	43	43	34	38	40	8	60	6	5	7	3	2		7								
30	16	9841	43	43	42	34	32	40	7	25	6	6	8	3	3	1	7								
30	19	9848	42	42	42	35	22	24	8	61	6	8	0	4	2		8								
30	22	9817	41	41	41	36	21	08	8	58	6	8	7	3			8			34	52	676	0009	44	39
31	01	9787	43	43	43	34	36	08	8	61	6	8	7	2			7								
31	04	9818	40	40	39	30	13	16	8	21	6	8	6	3			7								
31	07	9853	40	39	39	34	12	81	1	03	0	1	0	9	3	5		7	7						
31	10	9860	37	37	35	33	20	40	7	26	1	7	5	4	0	1	7								
31	13	9851	41	39	35	35	22	81	7	03	1	1	5	5	0	6	8								
31	16	9863	35	35	34	30	26	80	3	27	8	3	8	5	3	0	7								
31	19	9914	39	35	29	30	27	81	2	02	8	2	9	5	0	0	7								
31	22	9922	40	37	32	34	31	81	5	16	1	5	9	5	0	0	7			29	63	616	0023	43	33

Results of Surface Observations,
MACQUARIE – Sep., 1956

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	9955	39	36	30	30	35	81	6	02	8	4	5	5	3	0	7								
01	04	9965	39	37	33	32	12	81	6	02	1	5	5	5	3	0	7								
01	07	9930	41	40	39	01	31	24	8	61	2	3	7	4	2		6								
01	10	9892	43	43	42	35	40	16	8	58	5	8	7	3			8								
01	13	9877	44	44	44	34	38	16	8	10	5	8	6	2			8								
01	16	9894	43	41	40	33	32	32	8	21	6	7	5	7	1		6								
01	19	9946	41	39	37	30	21	48	8	02	2	8	5	5			6								
01	22	9979	39	37	35	00	00	24	8	02	2	8	0	4	2					34	53	650	0017	45	37
02	01	9977	37	37	36	16	10	16	8	61	6	3	7	2	2										
02	04	9950	37	37	37	16	15	16	8	61	6	3	7	2	2										
02	07	9921	43	43	42	35	27	16	8	60	6	3	7	3	2										
02	10	9915	44	43	43	34	31	16	8	60	6	5	7	3	2		7								
02	13	9889	44	43	43	35	36	16	8	61	6	8	7	3			8								
02	16	9873	44	44	43	35	36	16	8	60	6	8	7	3			8								
02	19	9877	43	43	43	32	25	16	8	58	6	8	6	3			7								
02	22	9910	36	35	34	21	15	16	8	50	5	8	6	3			4			34	46	574	0019	45	35
03	01	9966	37	36	34	27	10	40	8	02	5	8	6	4			6								
03	04	9975	37	35	33	30	10	81	3	01	2	3	5	4	0	0	6								
03	07	9986	39	37	35	01	05	81	5	02	1	5	5	4	3	0	7								
03	10	9983	40	38	36	36	14	81	6	03	1	4	5	5	7	0	8	7							
03	13	9951	38	37	36	01	18	81	5	21	6	1	6	4	7	0	8								
03	16	9929	40	39	37	02	21	81	5	16	1	5	8	5	3	0	8								
03	19	9916	39	38	37	34	15	40	8	80	8	8	8	5			7								
03	22	9935	39	38	37	28	16	81	6	02	2	6	5	5	0	0	6			36	37	554	0017	40	36
04	01	9973	39	38	36	29	18	40	8	60	2	8	8	5			6								
04	04	0011	36	33	27	27	23	81	2	02	0	2	5	5	0	0	6								
04	07	0021	38	37	37	30	15	16	8	60	6	8	0	4	2		6								
04	10	0015	41	41	41	31	18	16	8	60	5	8	0	2	2		7								
04	13	0006	41	41	41	31	21	16	8	10	5	8	6	3			7								
04	16	9996	42	42	41	31	27	24	8	10	2	8	6	3			7								
04	19	9972	42	42	42	31	27	16	8	10	2	8	6	2			7								
04	22	9974	42	41	40	30	35	40	3	01	2	3	5	4	0	0	6			27	62	466	0005	43	35
05	01	0030	38	35	30	27	35	81	1	02	8	1	1	4	0	0	6								
05	04	0063	38	34	27	27	31	81	2	02	0	2	5	4	0	0	6								
05	07	0085	39	36	31	28	25	81	3	02	0	2	5	4	3	0	6								
05	10	0085	40	36	29	30	28	80	4	02	1	4	5	5	0	0	6								
05	13	0057	41	38	34	32	22	80	8	02	2	8	5	6			7								
05	16	9976	41	41	40	34	40	16	8	63	6	8	0	2	2		7								
05	19	9955	43	43	42	32	38	16	8	60	6	8	0	4	2		7								
05	22	9923	43	43	42	32	38	16	8	61	6	8	0	3	2		7			27	52	751	0005	44	37
06	01	9954	41	41	40	28	30	08	8	58	6	8	6	2			6								
06	04	9998	36	35	32	18	05	40	5	01	6	5	5	4	0	0	4								
06	07	0026	36	35	33	21	03	80	7	03	1	4	5	4	0	5	5								
06	10	0032	37	35	30	27	04	80	7	03	1	5	5	5	3	8	5	5	6						
06	13	0031	38	35	29	24	03	81	7	02	1	6	5	5	3		5	6							
06	16	0040	36	33	26	22	04	81	6	02	2	5	5	5	1	0	5	6							
06	19	0058	35	31	24	28	10	81	7	02	2	7	5	5			6								
06	22	0070	36	32	25	28	20	81	7	03	0	7	5	5			6			31	44	627	0011	41	34
07	01	0068	37	31	19	30	17	81	8	02	2	8	5	5			6								
07	04	0065	35	35	35	27	18	16	8	70	5	8	0	4	2		6								
07	07	0063	36	35	34	30	18	80	7	25	8	4	5	5	0	6	6								
07	10	0057	38	37	34	30	21	40	7	25	8	7	8	4			6								
07	13	0052	39	37	34	29	25	80	7	25	8	5	8	5	0	2	6								
07	16	0056	38	37	36	29	24	80	7	16	8	7	8	5			6								
07	19	0066	39	38	37	29	21	24	8	50	5	8	5	4			6								
07	22	0071	39	37	35	30	24	40	8	20	5	8	5	4			6			30	42	369	0002	40	34
08	01	0077	39	38	36	29	21	56	7	02	2	7	5	4			6								
08	04	0076	39	37	35	29	31	80	6	02	2	6	5	4	0	0	6								
08	07	0080	39	38	36	29	27	80	6	02	2	6	5	4	0	0	6								
08	10	0078	41	39	37	31	26	81	3	02	0	3	6	3	3	1	6	6							
08	13	0069	41	39	37	31	27	82	3	02	1	3	6	3	3	9	6								
08	16	0064	41	40	38	31	29	81	5	02	1	1	6	3	3	1	7								
08	19	0071	42	41	40	31	26	81	8	16	2	8	0	4	2		7								
08	22	0085	41	41	40	30	21	24	8	60	6	8	0	4	2		6			29	41	668	0005	42	38
09	01	0074	41	41	41	31	21	16	8	60	6	8	0	4	2		6								
09	04	0048	41	41	41	32	26	16	8	61	6	8	0	4	2		6								
09	07	0027	42	42	41	32	30	16	8	61	6	8	7	2	2		7								
09	10	0005	42	41	41	32	32	16	8	63	6	8	0	3	2		7								
09	13	9975	43	42	41	32	37	16	8	05	6	8	7	3			7								
09	16	9983	41	39	36	30	33	80	7	02	2	7	8	4			6								
09	19	0032	37	33	25	27	35	80	1	27	8	1	2	4	0	0	6								
09	22	0068	35	34	32	28	25	08	8	85	8	8	2	4			6			28	59	667	0019	43	32

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		ub × 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	0095	34	31	25	27	15	81	6	27	8	6	5	5	0	0	6								
10	04	0116	33	30	24	28	18	81	4	02	R	4	5	5	0	0	6								
10	07	0140	35	31	24	28	18	81	4	27	R	4	2	4	0	0	6								
10	10	0153	35	32	27	25	10	82	4	16	R	4	8	5	0	0	5								
10	13	0153	37	34	30	29	17	80	6	69	R	6	R	4	0	0	5		6						
10	16	0149	37	34	29	29	13	82	6	03	R	3	R	4	0	5	6		6						
10	19	0135	37	34	30	34	09	81	5	02	0	3	5	5	0	8	7								
10	22	0111	37	34	27	34	22	81	5	03	1	2	5	5	1	0	7			26	53	706	0003	39	31
11	01	0071	37	36	34	36	26	40	8	70	7	8	7	4			8								
11	04	9994	39	37	35	36	29	40	8	60	6	8	7	4			8								
11	07	9927	40	39	38	01	26	24	8	51	6	8	7	3			8								
11	10	9901	37	36	35	31	20	80	8	21	6	8	6	3	7		6	6							
11	13	9903	35	34	33	28	16	81	8	26	8	8	6	5			6								
11	16	9897	36	33	28	29	09	81	7	02	1	3	2	4	3	5	6								
11	19	9901	33	31	28	27	18	80	8	27	R	8	R	4			6								
11	22	9894	33	31	26	27	13	81	4	27	R	4	2	4	0	0	6			34	53	511	0009	41	31
12	01	9885	30	30	29	27	14	08	8	85	R	8	2	4			6								
12	04	9868	31	29	25	27	18	81	3	85	R	3	2	4	0	0	6								
12	07	9868	32	30	27	28	14	81	4	85	R	3	2	4	3	0	6								
12	10	9864	33	30	23	28	14	81	6	26	R	6	R	5	0	0	6								
12	13	9841	33	29	22	27	24	81	7	27	R	6	R	4	0	1	6								
12	16	9806	32	31	28	31	13	81	4	26	R	3	R	4	3	1	6								
12	19	9762	35	35	35	32	21	08	8	86	R	8	2	4			6								
12	22	9761	33	32	29	20	15	81	2	01	1	2	5	5	0	0	5			27	49	422	0007	36	29
13	01	9790	31	28	23	24	16	81	7	26	R	7	R	5			5								
13	04	9807	29	28	26	25	16	81	6	26	R	6	R	5	0	0	5								
13	07	9827	32	29	22	25	22	81	6	26	R	6	R	5	0	0	5								
13	10	9841	30	29	28	22	14	08	7	85	R	7	R	4			5								
13	13	9860	32	29	24	24	15	80	8	26	R	8	R	5			5								
13	16	9889	32	30	26	20	14	80	8	27	R	8	R	5			4								
13	19	9918	32	28	18	20	18	80	7	02	R	7	5	5			4								
13	22	9950	31	30	29	22	12	16	7	27	R	7	5	5			5			25	51	444	0010	33	27
14	01	9963	32	30	27	28	22	80	4	02	R	4	5	5	0	0	6								
14	04	9973	33	30	25	28	27	80	4	02	R	4	5	4	0	0	6								
14	07	9971	35	35	35	28	20	16	8	70	2	8	0	4	2		6								
14	10	9951	38	37	36	31	25	32	8	60	2	8	0	4	2		7								
14	13	9952	40	39	38	28	30	40	3	51	6	8	0	4			6								
14	16	9982	40	39	38	29	31	24	8	50	5	8	5	4			6								
14	19	0019	39	38	37	29	28	24	8	50	5	8	7	4			6								
14	22	0047	39	38	37	28	27	24	8	50	5	8	7	3			6			29	59	462	0003	41	30
15	01	0059	40	38	36	27	28	16	8	58	5	8	7	3			6								
15	04	0068	39	38	37	28	28	40	8	21	6	8	7	3			6								
15	07	0074	40	39	37	30	23	81	2	01	1	2	2	4	3	0	6	6							
15	10	0072	41	40	38	30	25	81	7	02	2	4	5	4	3		6	6							
15	13	0063	42	40	38	31	26	82	4	02	1	2	5	4	3	0	7								
15	16	0043	41	40	38	32	23	81	7	03	1	2	5	4	3		7								
15	19	0023	41	41	40	32	25	80	7	02	2	7	5	5			7								
15	22	9990	42	40	37	32	31	80	7	02	2	7	5	5			7			32	45	720	0003	43	38
16	01	9959	41	41	40	32	34	40	8	51	5	8	5	4			7								
16	04	9937	42	42	42	31	20	16	8	63	6	8	0	4	2		7								
16	07	9913	40	40	39	29	18	80	7	02	6	7	5	5			7								
16	10	9904	41	41	40	32	16	80	8	02	2	8	5	5			7								
16	13	9888	41	40	40	31	18	40	8	21	6	8	5	5			7								
16	16	9923	37	36	34	21	20	16	8	58	6	8	7	4			6								
16	19	9978	35	31	23	26	16	81	7	02	2	7	5	5			6								
16	22	0007	36	35	32	28	23	81	7	02	2	7	5	5			6			32	47	705	0033	43	34
17	01	0016	36	35	32	28	19	81	8	26	R	8	R	5			6								
17	04	0019	37	35	31	30	30	81	8	02	2	8	5	5			6								
17	07	0017	37	34	30	31	30	81	7	16	2	7	R	5	0	1	7								
17	10	0010	38	35	31	31	31	80	7	15	R	7	5	5	0	4	7								
17	13	9982	40	38	36	31	28	81	5	03	1	4	5	5	3	0	7	6							
17	16	9954	40	39	36	32	23	81	4	25	R	3	5	5	3	1	7	6							
17	19	9921	41	39	37	32	28	80	7	02	R	8	5	5			7								
17	22	9870	41	41	40	33	32	40	8	61	6	8	5	3	2		7			30	46	600	0010	42	36
18	01	9867	36	35	33	27	15	24	8	61	6	8	0	3	2		6								
18	04	9898	36	32	24	27	27	80	6	02	6	6	5	3	0	0	6								
18	07	9929	34	31	25	27	21	81	3	27	R	3	5	5	0	0	6								
18	10	9957	34	31	26	27	30	81	7	26	R	3	5	5	3		6	6							
18	13	9982	34	30	23	27	18	80	7	16	R	3	R	5			6								
18	16	0012	33	31	28	30	15	80	7	26	R	3	R	5	3		6								
18	19	0047	31	29	24	25	07	80	7	02	2	7	5	5			5								
18	22	0068	31	29	24	27	10	60	7	02	2	7	5	7			5			27	51	677	0020	41	30

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	w	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St. miles	Points	°F	°F
19	01	0075	31	28	23	30	12	80	7	02	2	7	5	7			6								
19	04	0073	32	29	24	29	06	80	4	02	0	4	5	7		0	6								
19	07	0071	34	31	26	34	05	81	7	02	0	7	5	7			7								
19	10	0059	36	33	27	36	08	81	7	02	2	7	5	5	1		7	7							
19	13	0018	39	36	32	01	07	80	8	16	1	8	0	9	2			7							
19	16	9967	39	39	38	36	12	24	8	61	6	8	0	4	2		8								
19	19	9902	42	42	41	35	10	16	8	61	6	8	0	4	2		8								
19	22	9881	42	41	41	32	18	40	8	02	6	8	7	3			7			36	43	327	0000	44	30
20	01	9890	41	41	40	33	20	24	8	58	5	8	7	3			7								
20	04	9897	41	41	40	33	15	24	8	50	5	8	6	3			7								
20	07	9893	43	42	42	35	22	16	8	58	5	8	6	3			7								
20	10	9885	43	43	43	34	28	16	8	58	6	8	7	3			7								
20	13	9873	43	43	42	34	31	16	8	58	5	8	7	3			7								
20	16	9880	42	41	41	33	21	24	7	10	2	6	6	3	3		7	7							
20	19	9885	42	41	41	33	24	24	8	10	2	6	5	3	3		7	7							
20	22	9888	42	41	41	33	27	24	7	02	2	7	6	3			7			33	39	399	0025	44	40
21	01	9886	42	41	41	33	26	24	7	02	2	7	6	3			7								
21	04	9891	41	40	38	33	21	40	7	02	2	7	6	3			7								
21	07	9911	41	40	39	33	18	40	4	01	2	3	6	4	0	1	7								
21	10	9923	42	41	40	34	14	40	7	03	1	5	5	5	0	5	7		7						
21	13	9922	42	41	41	35	12	24	8	41	2	3	6	3			8		7						
21	16	9917	42	42	41	02	10	08	8	41	2	8	6	2			8								
21	19	9909	41	41	40	00	00	40	8	51	2	8	6	2											
21	22	9912	41	40	39	00	00	40	8	51	5	8	5	7						33	32	583	0001	44	39
22	01	9921	40	39	39	00	00	16	7	10	6	7	5	5											
22	04	9932	40	40	39	11	02	40	7	10	4	7	5	5	3		2								
22	07	9917	41	41	41	09	04	08	7	41	4	6	6	2	0	5	2								
22	10	9907	42	42	42	36	15	04	9	45	4	8	6	0	3										
22	13	9895	42	42	42	34	17	24	7	41	6	6	6	3	3		7	7							
22	16	9905	42	41	41	35	15	40	1	02	0	1	6	3	0	0	7								
22	19	9916	42	41	41	35	17	40	1	02	0	1	6	3	0	0	8								
22	22	9917	42	41	41	36	21	40	1	02	0	1	6	3	0	0	8			33	33	142	0003	44	39
23	01	9909	41	40	39	33	28	56	5	03	0	1	6	4	3	6	7	7	7						
23	04	9923	40	38	36	32	23	80	5	02	1	3	5	4	3	0	6								
23	07	9954	38	36	34	27	23	81	5	02	8	5	5	4	0	0	6								
23	10	9970	39	37	33	27	17	82	4	02	1	4	8	5	0	0	6								
23	13	9986	39	36	31	27	19	82	3	16	1	3	8	5	0	0	6								
23	16	0001	39	37	34	29	19	81	7	16	2	7	8	5			6								
23	19	0015	39	36	32	31	23	81	5	02	1	5	5	4	0	0	6								
23	22	0015	40	39	36	33	27	80	8	02	2	8	5	4			7			33	39	563	0002	42	37
24	01	0005	41	41	40	32	29	08	8	10	2	8	6	3			7								
24	04	0002	41	41	40	32	28	16	8	10	2	8	6	3			7								
24	07	0004	42	41	41	32	28	08	8	10	2	8	6	3			7								
24	10	0004	42	42	41	32	28	16	8	61	6	8	0	2	2		7								
24	13	0045	39	38	37	28	18	81	7	21	6	3	5	5	1		6	6							
24	16	0088	40	37	32	27	18	81	3	02	0	3	5	5	0	0	6								
24	19	0128	38	34	26	27	16	81	6	03	0	4	5	5	0	0	6								
24	22	0158	38	34	26	28	16	81	4	02	0	4	5	5	0	0	6			28	38	622	0003	43	37
25	01	0180	38	35	28	28	11	81	7	02	2	7	5	5			6								
25	04	0196	38	34	27	28	11	81	7	02	2	7	5	5	2		6	7							
25	07	0212	39	36	30	31	05	81	8	02	2	8	5	5	1		7								
25	10	0218	40	37	33	35	06	81	8	02	2	8	5	9	2										
25	13	0216	39	38	37	34	15	80	8	15	2	8	0	7	2		8								
25	16	0218	39	38	37	36	08	81	7	02	2	8	5	6	1		8								
25	19	0218	40	40	40	04	12	03	9	47	2	8	5	6											
25	22	0226	41	41	41	29	05	03	9	50	6	8	6	0						30	27	425	0014	42	37
26	01	0230	41	41	41	31	03	02	9	58	5	8	6	0											
26	04	0239	40	40	40	32	06	01	9	45	4	8	6	0											
26	07	0253	41	41	41	34	04	01	9	45	4	8	6	0											
26	10	0258	42	42	42	31	10	08	8	41	4	8	6	1			7								
26	13	0265	42	42	42	36	05	04	9	45	4	8	6	0											
26	16	0269	41	41	41	32	06	01	9	45	4	8	6	0											
26	19	0280	40	40	40	31	07	00	9	47	4	8	6	0											
26	22	0284	40	40	40	31	10	00	9	45	4	8	6	0						30	22	231	0003	44	39
27	01	0283	39	39	39	31	16	00	9	45	4	8	6	0											
27	04	0284	38	38	38	31	13	00	9	51	5	8	6	0											
27	07	0291	38	38	38	31	13	08	8	10	4	8	6	2			7								
27	10	0290	39	39	39	31	14	16	7	41	4	8	6	2			7								
27	13	0279	41	41	41	31	12	16	8	10	4	8	6	2			7								
27	16	0278	41	41	41	31	06	01	9	45	4	8	6	2	0	3									
27	19	0273	41	41	41	34	12	16	7	10	4	7	6	3			7								
27	22	0266	40	40	40	31	10	01	7	44	5	7	6	1			7			31	21	295	0001	42	37

Results of Surface Observations,
MACQUARIE – Sep., 1956

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	0252	40	40	40	32	11	01	7	44	4	7	6	1			7								
28	04	0232	38	38	38	32	14	01	9	45	4	8	6	0											
28	07	0224	40	40	40	31	14	01	9	45	4	8	6	0											
28	10	0211	41	41	41	32	16	16	7	10	4	7	6	2			7								
28	13	0188	41	41	40	31	13	08	8	10	2	8	6	2			7								
28	16	0174	40	40	39	30	19	08	8	10	2	8	6	2			7								
28	19	0171	40	40	40	28	16	08	8	51	4	8	6	2			6								
28	22	0173	40	40	40	28	11	08	8	10	5	8	6	2			6			30	26	329	0002	42	37
29	01	0168	40	40	40	27	07	08	7	10	5	7	6	2			6								
29	04	0165	38	38	38	18	18	01	9	45	4	8	6	0											
29	07	0175	35	35	34	18	13	40	8	10	2	8	6	3			4								
29	10	0179	35	33	30	17	12	81	3	01	2	3	5	4	0	0	4								
29	13	0181	36	33	28	17	12	82	4	02	1	4	5	5	0	0	4								
29	16	0181	36	34	29	18	13	82	4	02	0	4	5	5	0	0	4								
29	19	0182	35	33	30	18	15	82	1	02	0	1	5	5	0	0	4								
29	22	0186	36	34	31	17	17	81	2	02	0	2	5	5	0	0	4			16	26	339	0001	41	33
30	01	0186	36	34	31	17	17	82	2	02	0	2	5	5	0	0	4								
30	04	0183	35	34	32	17	11	82	3	03	1	3	5	5	0	0	4								
30	07	0185	36	35	32	17	10	82	3	02	1	3	5	5	0	0	4								
30	10	0187	38	36	34	17	12	81	3	02	0	3	5	5	0	0	4								
30	13	0181	39	37	35	15	10	81	3	02	0	3	5	5	0	1	4		2						
30	16	0178	38	37	34	15	04	82	2	02	0	3	5	9	0	1			2						
30	19	0178	37	36	33	14	05	81	3	03	0	3	5	5	0	0	3								
30	22	0178	37	36	33	13	02	81	2	02	0	2	5	5	0	0	3			16	21	321	0000	39	35

Results of Surface Observations,
MACQUARIE – Oct., 1956

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
01	01	0172	36	35	33	00	00	40	7	02	2	7	5	4			8								
01	04	0165	36	34	31	36	05	80	7	02	2	7	5	4			8								
01	07	0162	37	35	32	35	08	81	7	02	2	7	5	5			8								
01	10	0161	39	36	32	35	08	81	7	02	2	7	5	5			8								
01	13	0141	40	37	33	34	05	81	8	02	2	8	5	5			7								
01	16	0130	40	37	32	34	10	81	8	02	2	8	5	5			7								
01	19	0123	39	38	36	34	09	81	8	02	2	8	5	5			7								
01	22	0114	39	37	33	34	08	81	7	02	2	7	5	5			7			31	18	140	0000	41	36
02	01	0102	39	38	37	35	08	81	7	25	8	7	8	5			7								
02	04	0086	39	38	37	34	09	81	7	25	8	7	8	5			7								
02	07	0083	40	39	38	34	08	81	7	03	2	4	5	5	7	1	7	7							
02	10	0075	41	40	38	33	05	81	7	02	2	3	5	5	7		7	7							
02	13	0054	42	41	39	34	12	81	8	02	2	6	5	5	7		7	7							
02	16	0039	41	40	39	34	10	81	8	15	2	4	5	5	7		7	7							
02	19	0030	41	40	40	34	12	81	8	16	2	6	5	4			7								
02	22	0014	41	41	41	33	12	08	8	50	5	8	6	3			7			34	20	240	0000	43	37
03	01	0000	39	39	39	29	10	81	7	21	6	7	6	3			6								
03	04	9981	39	37	33	30	12	81	2	01	2	1	6	3	0	1	6		7						
03	07	9965	41	40	39	31	13	81	4	02	1	1	5	4	3	9	7	7	7						
03	10	9945	41	41	40	34	23	08	8	61	6	6	0	4	2		7								
03	13	9955	37	35	33	22	12	81	6	26	6	4	8	4	3	0	5	6							
03	16	9968	37	32	23	25	10	82	7	02	2	7	5	5			6								
03	19	9985	36	33	28	27	14	81	7	25	8	7	8	5			6								
03	22	9994	36	34	30	27	23	80	7	02	8	7	5	5			6			27	38	339	0009	41	33
04	01	0002	34	33	32	27	16	08	8	69	8	8	2	4			6								
04	04	0007	35	32	27	27	18	81	8	02	8	8	5	5			6								
04	07	0009	37	35	32	27	14	80	8	02	2	8	5	5			6								
04	10	9995	38	36	33	31	24	81	7	02	2	6	5	5	1		6	5							
04	13	9973	40	39	38	28	27	80	8	21	6	8	5	4			6								
04	16	9985	39	38	37	28	17	81	8	02	2	8	5	4			6								
04	19	9996	38	37	35	27	17	40	8	50	5	8	5	4			6								
04	22	9992	39	37	35	27	19	81	8	02	2	8	5	4			6			27	44	390	0004	41	33
05	01	9978	38	38	38	29	12	16	8	61	6	8	5	4	2		6								
05	04	9958	38	38	38	29	21	24	8	61	6	8	7	3	2		6								
05	07	9960	40	39	38	27	22	81	7	21	6	6	5	5	7		6								
05	10	9971	38	36	33	28	24	40	7	26	8	7	8	4			6								
05	13	9994	36	32	24	25	15	81	7	16	8	7	8	5			6								
05	16	0008	36	32	24	27	21	80	8	15	2	8	5	6			6								
05	19	0023	36	32	24	28	15	80	8	02	2	8	5	5			6								
05	22	0023	36	33	26	28	10	81	8	02	2	8	5	5			6			28	44	579	0012	40	36
06	01	0010	38	37	35	29	23	40	8	60	2	8	7	3			6								
06	04	9994	40	39	38	29	25	56	8	60	6	8	6	3			6								
06	07	9991	41	40	40	29	27	24	8	10	6	8	6	3			6								
06	10	9983	41	39	36	30	30	80	8	02	2	8	5	4			6								
06	13	9956	41	39	35	29	26	40	7	16	2	7	8	4			6								
06	16	9940	41	39	37	31	24	81	7	25	8	7	8	5	3		7	6							
06	19	9924	42	41	39	31	26	80	7	25	8	7	8	5			7								
06	22	9913	42	40	38	31	25	80	7	02	8	7	8	5			7			30	44	476	0002	42	37
07	01	9898	37	36	35	22	05	08	8	61	6	8	0	4	2		5								
07	04	9921	35	33	30	20	07	80	7	22	7	7	8	4			5								
07	07	9956	37	35	32	22	07	80	5	16	8	5	8	4	0	0	5								
07	10	9981	37	35	32	27	15	81	7	16	1	7	8	4			5								
07	13	0016	38	35	28	25	15	82	5	16	2	5	8	5	0	0	5								
07	16	0050	37	33	24	25	15	81	8	25	8	8	8	5			5								
07	19	0079	35	31	24	20	07	81	8	02	2	8	5	5			5								
07	22	0095	34	33	32	27	10	40	5	26	8	5	8	5	0	0	6			28	39	544	0023	41	33
08	01	0096	36	34	31	27	12	81	4	26	8	4	8	4	0	0	6								
08	04	0098	37	35	32	28	18	81	7	02	8	7	5	5			6								
08	07	0095	40	37	33	30	21	82	3	01	2	1	5	5	3	5	6								
08	10	0083	41	39	35	31	21	81	5	25	8	5	8	5	3	1	7	6	6						
08	13	0053	41	39	35	30	32	56	7	16	9	6	8	4	0	1	6		6						
08	16	0038	42	39	36	31	30	81	7	03	1	1	5	5	7		7	6							
08	19	0024	42	40	37	31	32	40	8	60	6	5	7	4	2		7								
08	22	0007	42	40	38	32	27	64	8	02	2	8	5	5			7			30	51	372	0001	43	34
09	01	9990	42	41	39	32	28	24	8	58	5	8	7	4			7								
09	04	9962	43	42	41	32	32	24	8	50	5	8	7	3			7								
09	07	9966	41	40	40	29	23	32	8	61	6	8	7	3			6								
09	10	9977	41	40	39	29	25	40	7	02	6	6	5	4	3		6	5							
09	13	9995	41	37	31	27	31	80	4	25	8	4	8	4	0	0	6								
09	16	0016	40	37	31	27	26	40	7	80	8	7	8	5			6								
09	19	0036	38	36	32	27	22	81	7	25	8	7	8	5			6								
09	22	0046	39	37	33	30	10	80	3	02	2	6	6	5			6			31	46	711	0009	43	37

Results of Surface Observations,
MACQUARIE – Oct., 1956

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	0030	40	40	40	34	17	02	9	51	5	8	6	0											
10	04	0022	42	42	42	31	22	08	8	63	6	8	6	2	2		7								
10	07	0026	42	41	40	31	22	40	8	21	6	8	6	4			7								
10	10	0033	43	42	41	31	17	40	7	10	2	6	6	3	3		7	7							
10	13	0040	44	43	41	32	17	40	7	10	1	7	5	5			7								
10	16	0034	42	41	41	34	18	40	7	10	1	7	5	5			7								
10	19	0020	42	41	41	34	17	40	8	16	1	3	5	5	7		7	7							
10	22	9999	42	42	42	34	21	16	8	10	6	3	6	3	7		7	7		31	32	553	0005	45	40
11	01	9977	43	43	42	34	26	16	8	60	6	3	7	4	2		7								
11	04	9955	43	42	42	34	27	24	8	58	6	5	7	4	2		7								
11	07	9939	43	43	43	34	28	16	8	51	6	8	6	2			7								
11	10	9927	43	43	43	34	26	16	8	61	6	8	7	2			7								
11	13	9917	43	43	43	34	28	16	8	61	6	5	7	2	2		7								
11	16	9912	43	43	43	34	20	16	8	61	6	8	7	2			7								
11	19	9905	42	42	42	35	13	16	8	61	6	8	7	2			7								
11	22	9886	42	42	42	36	14	16	8	61	6	8	7	2			8			33	39	565	0008	44	41
12	01	9854	43	43	43	02	22	16	8	61	6	8	7	2			1								
12	04	9816	42	42	42	01	22	16	9	21	6	8	7	2			8								
12	07	9816	42	42	42	35	20	01	9	45	4	8	6	0			8								
12	10	9805	43	43	43	34	20	16	8	10	5	8	6	2			7								
12	13	9800	41	39	37	31	26	08	6	02	2	3	5	5	7	0	7								
12	16	9789	41	39	37	32	30	40	7	25	8	7	8	4			7								
12	19	9828	40	38	36	30	27	80	7	25	8	7	8	5			7								
12	22	9831	40	38	34	31	20	80	7	02	5	7	0	9	1			6		36	46	577	0072	44	38
13	01	9747	39	38	38	35	28	08	8	63	6	8	0	2	2		8								
13	04	9753	40	36	30	31	44	16	2	25	8	2	2	3	0	0	7								
13	07	9773	37	36	35	30	44	16	7	89	8	6	8	4	3		6								
13	10	9829	37	36	33	27	23	24	7	26	8	7	8	4			6								
13	13	9845	40	38	36	00	00	80	7	02	8	7	5	5			6								
13	16	9857	37	35	31	17	16	80	8	70	7	4	5	5	2		3								
13	19	9891	36	33	26	20	10	80	7	02	7	5	5	5	7										
13	22	9919	36	32	24	20	06	81	7	02	8	7	5	8			4			31	84	814	0020	41	33
14	01	9938	36	32	24	27	01	81	7	02	2	7	5	5			4								
14	04	9945	35	35	33	29	23	81	7	16	2	3	7	4	2		6								
14	07	9949	36	35	34	31	23	80	7	26	8	5	8	4	7		6								
14	10	9941	41	38	32	32	24	81	5	03	1	4	5	5	3	8	7								
14	13	9920	41	40	39	32	29	56	8	60	2	3	7	4	2		7								
14	16	9909	40	40	39	32	28	16	8	58	6	8	7	3			7								
14	19	9933	41	41	40	31	21	16	8	58	5	8	7	3			7								
14	22	9963	41	41	41	30	16	16	8	20	5	8	7	3			7			31	40	305	0003	42	33
15	01	9973	41	41	41	31	15	16	8	50	5	8	7	2			7								
15	04	9995	41	41	41	31	16	08	8	10	5	8	6	2			7								
15	07	0017	42	42	42	31	18	16	8	10	5	8	6	2			7								
15	10	0033	42	42	41	31	14	16	8	10	2	8	6	3			7								
15	13	0041	43	42	42	32	18	80	7	02	1	2	6	3	7		7	7							
15	16	0047	42	42	41	32	19	16	8	58	5	8	6	3			7								
15	19	0048	43	42	41	31	22	40	8	02	1	8	5	4			7								
15	22	0051	42	42	42	31	25	40	6	02	2	2	6	4	7		7	5		31	35	560	0004	44	40
16	01	0048	42	41	41	31	26	40	6	02	1	2	6	4	3		7	6							
16	04	0048	42	41	40	31	24	60	7	02	2	6	5	5	3		7	6							
16	07	0053	42	42	41	31	24	40	6	01	2	2	6	4	3		7	6							
16	10	0057	43	42	41	32	20	56	7	05	2	3	5	5	7		7								
16	13	0063	42	41	40	32	15	40	8	02	2	1	6	4	7		7								
16	16	0071	41	40	38	29	12	40	7	05	6	1	7	4	7		6	6							
16	19	0089	39	36	30	27	13	81	7	02	2	2	5	4	7		6	6							
16	22	0099	39	36	30	27	16	81	8	02	2	2	5	4	1		6	6		32	33	586	0000	44	39
17	01	0104	38	35	31	27	20	82	3	01	2	3	8	4	0	0	6								
17	04	0113	37	32	23	27	21	82	4	02	1	4	8	5	0	0	6								
17	07	0130	37	32	23	27	17	82	7	02	2	7	5	5			6								
17	10	0133	38	34	25	29	17	81	8	02	2	8	5	5			6								
17	13	0129	38	35	29	28	19	82	8	02	2	8	5	6			6								
17	16	0126	38	35	28	28	24	81	7	02	2	7	5	5	4		6								
17	19	0131	38	36	33	28	21	81	3	25	8	3	8	4	0	0	6								
17	22	0133	39	37	35	28	17	81	7	02	2	7	5	5			6			27	37	451	0001	39	36
18	01	0128	38	36	32	27	12	81	8	02	2	8	5	5			6								
18	04	0116	37	35	32	29	17	81	7	02	2	7	5	5			6								
18	07	0113	38	35	30	29	13	81	7	02	2	7	5	5	3		6								
18	10	0102	38	36	32	30	16	81	7	02	2	4	5	5	0	6	6								
18	13	0082	39	37	33	28	14	82	7	02	2	5	5	5	0	1	6								
18	16	0075	38	36	32	27	12	81	7	02	2	6	5	5	0	1	6								
18	19	0076	36	34	31	27	10	81	7	02	2	7	5	5			6								
18	22	0069	36	35	33	28	09	40	8	03	2	8	6	3			6			29	29	454	0000	39	34

Results of Surface Observations,
MACQUARIE – Oct., 1956

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	0047	35	35	34	28	09	40	8	02	2	8	6	3			6								
19	04	0031	34	33	32	31	12	16	7	41	2	7	6	2			6								
19	07	0013	37	35	33	30	16	80	8	02	5	8	5	4			6								
19	10	9996	38	35	31	31	19	82	8	02	2	6	5	5			7								
19	13	9963	38	36	33	31	22	81	7	02	2	7	5	5			7								
19	16	9940	40	38	34	31	19	81	7	02	2	7	5	5			6								
19	19	9920	39	38	36	31	15	81	7	02	2	7	5	5			6								
19	22	9919	38	35	31	27	15	81	7	02	8	5	5	5	3		6			27	35	313	0000	40	34
20	01	9920	38	33	24	27	18	81	8	02	8	8	8	5			5								
20	04	9933	36	33	28	27	23	81	8	15	8	8	8	5			5								
20	07	9951	37	33	25	27	21	81	6	15	2	6	8	5	0	0	6								
20	10	9968	39	34	23	28	21	82	2	02	0	1	5	5	3	0	6	5							
20	13	9997	38	33	24	27	23	81	6	15	1	5	8	4	3	0	6	5							
20	16	0015	37	33	25	28	21	81	2	16	0	2	8	5	3	0	6	6							
20	19	0042	35	31	24	28	12	81	4	03	8	4	5	5	0	0	6								
20	22	0049	36	32	23	30	14	82	3	02	1	3	5	5	0	0	6			27	42	496	0001	40	34
21	01	0023	39	35	29	33	26	81	7	03	1	7	5	6			7								
21	04	9984	40	39	38	33	31	40	8	50	6	3	7	4	2		7								
21	07	9957	42	41	41	33	33	32	8	61	6	3	7	3	2		7								
21	10	9949	43	43	42	32	33	16	8	61	6	8	0	3	2		7								
21	13	9935	42	42	42	32	31	16	8	61	6	3	7	3	2		7								
21	16	9929	42	42	42	32	26	16	8	61	6	3	7	3	2		7								
21	19	9934	42	42	42	32	26	16	8	10	6	8	6	2			7								
21	22	9941	42	42	42	32	22	16	8	10	2	8	6	2			7			33	47	564	0011	43	38
22	01	9945	42	41	41	32	19	16	8	51	5	8	5	4			7								
22	04	9958	41	40	39	29	22	16	8	01	2	7	5	4			6								
22	07	9968	39	39	39	27	10	16	8	50	2	8	5	4			6								
22	10	9962	41	40	38	30	06	56	8	02	5	8	5	4			6								
22	13	9944	40	39	39	00	00	04	9	47	5	8	6	0											
22	16	9917	42	42	42	34	13	02	9	47	4	8	6	0											
22	19	9902	42	42	42	34	16	16	8	10	4	8	6	2			8								
22	22	9874	43	42	41	01	18	24	8	10	6	8	5	3			8			27	35	596	0011	43	39
23	01	9842	43	43	42	36	20	56	8	02	2	8	6	3			8								
23	04	9819	41	41	41	35	12	16	8	10	2	8	6	3			8								
23	07	9809	41	41	41	34	12	16	8	10	2	8	6	3			8								
23	10	9798	42	42	41	35	17	16	8	10	2	8	5	5			8								
23	13	9778	43	42	40	34	12	80	7	02	2	3	5	3	7		8								
23	16	9750	43	42	41	36	22	40	8	03	1	3	5	3	7		8								
23	19	9694	43	42	42	36	05	16	8	61	6	8	5	3	2		7								
23	22	9618	43	43	42	32	34	40	8	21	6	7	5	5			7			36	67	333	0003	46	40
24	01	9680	41	38	33	32	25	80	8	02	2	3	5	5	1		7								
24	04	9706	38	36	32	31	28	81	7	02	1	3	8	4	3	6	7		8						
24	07	9722	40	37	33	33	13	81	5	03	0	1	0	0	3	6	8	7	8						
24	10	9714	42	40	36	35	12	81	3	03	0	2	5	5	0	8	8								
24	13	9698	40	38	36	34	19	40	8	80	8	5	8	4	7	0	8	7							
24	16	9709	41	37	30	31	22	81	6	02	8	5	8	4	0	8	7								
24	19	9727	39	37	32	31	14	81	5	15	1	4	8	4	0	1	7								
24	22	9745	37	35	33	27	15	56	8	26	8	8	8	4			6			28	44	579	0035	43	33
25	01	9790	35	34	31	31	17	81	4	26	8	4	2	4	0	0	6								
25	04	9841	35	34	31	29	12	81	3	26	8	3	2	4	0	0	6								
25	07	9887	39	36	31	29	23	81	3	16	8	3	2	4	0	0	6								
25	10	9913	40	36	29	29	19	82	3	16	8	2	2	5	0	1	6								
25	13	9937	36	35	33	29	23	16	8	83	8	2	2	4			6								
25	16	9947	38	35	31	29	16	81	6	26	8	4	2	4	0	8	6								
25	19	9955	37	36	33	29	10	40	8	50	2	8	6	4			6								
25	22	9936	33	33	33	00	00	04	8	71	7	8	0	3	2					31	46	477	0016	42	32
26	01	9956	34	34	34	28	12	16	7	51	7	7	6	4			6								
26	04	9994	37	34	30	27	19	82	1	02	0	1	2	4	0	0	6								
26	07	0016	39	35	29	28	16	82	2	02	0	2	2	4	0	0	6								
26	10	0031	41	37	31	29	14	82	2	02	0	2	2	5	0	0	6								
26	13	0041	41	37	31	30	12	82	2	02	0	2	1	5	3	0	6	6							
26	16	0042	41	38	33	30	14	82	5	03	1	2	0	5	3	1	6	6	6						
26	19	0049	39	37	35	30	14	82	7	14	1	7	8	5	5	0	6								
26	22	0049	39	37	35	30	18	82	7	02	8	7	5	6			6			29	31	369	0020	43	34
27	01	0049	39	37	36	29	23	82	5	25	8	5	8	5	0	0	6								
27	04	0055	38	36	33	28	21	82	5	15	8	8	8	5	3	0	6	6							
27	07	0069	39	37	34	27	20	82	6	15	8	6	8	5	0	0	6								
27	10	0080	41	38	32	27	20	82	3	02	0	3	8	5	0	0	6								
27	13	0089	42	38	30	27	13	82	6	02	1	4	8	5	3	0	6	6							
27	16	0093	41	38	33	29	12	83	3	01	1	1	2	5	3	0	6	6							
27	19	0107	39	37	35	30	09	82	2	02	0	2	2	5	3	0	6								
27	22	0115	38	37	35	30	04	81	2	02	0	2	2	5	3	0	6			28	35	419	0003	43	37

Results of Surface Observations,
MACQUARIE – Oct., 1956

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	0114	39	38	37	33	11	16	8	60	2	8	0	4	2		6								
28	04	0112	39	38	38	31	12	80	7	25	2	7	8	4			7								
28	07	0120	40	39	38	31	09	80	7	02	8	7	5	5			7								
28	10	0123	43	41	39	32	10	82	3	02	2	3	5	5	0	0	7								
28	13	0119	43	41	37	32	12	82	6	02	1	6	8	4	0	0	7								
28	16	0116	42	40	38	32	10	81	7	03	2	7	5	5			7								
28	19	0120	41	39	36	31	07	82	8	02	2	8	5	5			7								
28	22	0119	40	39	36	33	10	82	8	02	2	8	5	4			7			31	23	281	0002	45	38
29	01	0110	40	38	35	31	07	82	8	02	2	8	5	4			7								
29	04	0103	40	38	36	34	03	82	8	02	2	8	5	5			7								
29	07	0099	41	39	36	34	02	82	8	02	2	8	5	5			7								
29	10	0092	40	39	38	09	04	40	7	40	2	7	5	5			1								
29	13	0068	42	40	38	14	12	81	7	02	2	7	5	5			2								
29	16	0049	40	39	39	14	13	80	9	02	2	8	5	5			2								
29	19	0035	40	40	40	14	15	04	9	45	4	8	6	0											
29	22	0020	41	41	41	15	14	04	9	47	5	8	6	0						15	22	239	0000	43	39
30	01	9991	41	41	41	15	14	04	9	45	6	8	6	0											
30	04	9970	41	41	41	16	16	16	8	51	5	8	6	1											
30	07	9957	41	41	41	14	15	08	8	61	6	8	0	0	2										
30	10	9941	42	42	42	13	10	08	8	51	6	8	6	2											
30	13	9921	43	43	43	17	05	04	9	45	5	8	6	0											
30	16	9906	43	43	43	16	10	01	9	47	4	8	6	0											
30	19	9897	42	42	42	17	10	01	9	45	4	8	6	0											
30	22	9885	43	43	43	16	07	03	8	60	6	8	0	3	2					14	20	214	0014	44	40
31	01	9863	42	42	42	17	05	08	8	60	6	8	0	3	2										
31	04	9849	42	42	42	05	08	08	8	60	6	8	0	3	2										
31	07	9847	42	42	42	31	05	00	9	45	6	8	6	0											
31	10	9848	44	44	43	31	19	40	8	01	5	8	5	5			7								
31	13	9853	45	44	43	32	21	40	7	03	1	7	5	4			7								
31	16	9847	45	44	43	34	23	40	8	03	1	8	5	5			7								
31	19	9845	44	43	42	33	20	16	8	10	2	8	5	4			7								
31	22	9834	45	44	43	34	30	24	8	10	2	8	5	4			7			32	48	194	0042	45	41

Results of Surface Observations,
MACQUARIE – Nov., 1956

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	9838	43	43	42	32	30	24	8	10	2	8	6	3			7								
01	04	9855	43	42	40	31	23	81	7	02	2	7	5	5			7								
01	07	9861	43	42	42	31	18	81	6	02	1	6	5	5	0	0	7								
01	10	9863	45	43	41	32	18	81	5	03	1	2	5	4	3	5	7	7	7						
01	13	9853	46	45	43	34	19	16	8	10	5	8	5	5			7								
01	16	9840	44	44	44	34	21	16	8	50	6	8	5	5			7								
01	19	9840	43	43	42	33	18	40	8	02	5	8	5	5			7								
01	22	9839	44	43	42	33	23	40	8	50	6	8	6	3			7			32	42	584	0000	46	43
02	01	9838	43	43	43	32	23	16	8	50	5	8	6	3			7								
02	04	9860	41	41	41	30	14	16	8	10	5	8	6	2			7								
02	07	9881	44	42	39	31	25	56	8	02	5	8	5	4			7								
02	10	9895	46	44	41	32	23	81	1	01	2	1	5	4	0	0	7								
02	13	9889	44	43	43	33	24	56	8	03	1	8	6	3			7								
02	16	9861	45	45	44	34	19	16	8	61	6	8	0	2	2		7								
02	19	9841	45	45	44	34	33	16	8	60	6	8	0	3	2		7								
02	22	9834	44	43	43	33	26	16	8	61	6	8	0	2	2		7			33	47	498	0007	46	41
03	01	9839	41	40	40	29	11	40	4	02	6	4	5	5	0	0	6								
03	04	9837	41	40	39	31	12	81	1	02	0	1	5	5	0	0	7								
03	07	9842	44	42	40	32	20	81	3	15	0	3	8	4	0	0	7								
03	10	9844	44	41	37	31	23	81	5	16	1	5	8	4	0	0	7								
03	13	9859	42	40	36	31	26	81	6	80	8	5	8	5	0	1	7								
03	16	9886	41	39	37	27	15	81	7	25	8	7	8	4			6								
03	19	9927	39	37	35	18	09	81	7	15	2	7	8	5			5								
03	22	9958	37	36	34	17	05	81	7	25	2	7	8	5			5			31	46	547	0015	44	37
04	01	9977	37	35	31	00	00	80	8	26	8	8	8	5			5								
04	04	9996	35	34	31	18	10	80	8	15	8	8	5	5			4								
04	07	0023	36	34	31	16	14	80	8	02	2	8	5	5			4								
04	10	0039	35	33	28	17	19	80	8	16	7	8	5	5			4								
04	13	0059	35	32	26	17	17	80	8	02	2	8	5	5			4								
04	16	0075	34	31	25	18	18	81	8	02	2	8	5	5			4								
04	19	0101	34	31	26	18	20	81	8	02	2	8	5	5			4								
04	22	0118	34	31	25	19	12	81	8	02	2	8	5	5			4			17	29	347	0002	37	33
05	01	0126	34	32	28	17	16	81	8	02	2	8	5	5			4								
05	04	0134	34	31	25	19	09	81	8	02	2	8	5	5			4								
05	07	0145	35	32	25	19	09	81	8	02	2	8	5	5			4								
05	10	0145	36	32	24	17	05	81	8	02	2	8	5	7			4								
05	13	0134	37	33	25	30	04	81	8	02	2	8	5	5			6								
05	16	0123	37	33	25	27	09	81	8	02	2	8	5	5			6								
05	19	0112	37	34	28	29	07	82	8	02	2	8	5	6			6								
05	22	0092	38	35	31	30	15	82	8	02	2	8	5	6			6			31	27	294	0000	39	33
06	01	0064	38	37	36	31	21	56	8	60	6	8	0	5	2		6								
06	04	0063	37	35	32	17	18	80	7	25	8	5	8	4	0	2	5		6						
06	07	0065	38	34	25	17	16	81	7	03	1	5	5	5	0	5	5		6						
06	10	0062	37	35	30	17	02	81	7	26	2	6	8	4	0	1	5		6						
06	13	0053	40	36	29	21	07	81	7	15	8	7	8	4			5								
06	16	0043	39	33	20	27	12	82	3	02	1	3	8	5	0	1	6								
06	19	0041	36	34	30	28	21	82	4	16	1	4	8	5	3	0	6								
06	22	0029	37	33	24	28	20	82	1	02	0	1	5	5	0	0	6			27	40	399	0002	42	33
07	01	0018	36	34	31	27	17	81	7	26	8	7	8	5			6								
07	04	9999	38	35	29	27	13	82	5	02	2	4	5	5	3	0	6								
07	07	9982	39	37	35	32	15	81	7	02	2	7	5	5	0	1	7								
07	10	9968	39	38	37	29	18	81	7	16	8	7	8	4			6								
07	13	9948	42	38	33	36	13	81	7	03	2	1	5	5	7	8	8								
07	16	9929	39	38	36	36	10	80	8	61	2	3	5	5	2		8								
07	19	9934	39	38	36	36	05	56	8	61	6	3	7	4	2		1								
07	22	9953	40	38	36	09	03	80	8	21	6	8	5	4			1			27	29	353	0003	43	35
08	01	9980	40	38	36	12	05	81	8	02	2	8	5	4			3								
08	04	0017	41	39	37	13	06	81	7	02	2	4	5	4	3		3	4							
08	07	0051	43	41	38	12	05	81	3	01	1	3	5	4	0	0	3								
08	10	0075	45	42	38	34	04	81	6	02	0	6	5	5	0	0	6								
08	13	0096	47	43	37	29	07	81	7	02	1	3	1	5	0	6	6		5						
08	16	0105	44	42	38	30	08	81	8	02	1	0	0	9	0	9			5						
08	19	0114	43	41	39	33	14	80	7	03	1	7	5	7			7								
08	22	0118	42	41	40	30	17	81	6	02	2	3	5	5	3	0	7			30	28	263	0002	47	40
09	01	0121	41	40	39	31	19	81	8	02	2	8	5	5			7								
09	04	0125	42	41	40	32	21	81	8	02	2	8	6	4			7								
09	07	0128	43	42	41	31	18	56	8	02	2	8	6	3			7								
09	10	0126	43	43	42	33	20	64	8	02	2	8	5	4			7								
09	13	0119	45	44	42	32	22	80	7	02	2	6	5	5	0	1	7								
09	16	0107	43	43	42	33	21	56	8	20	5	8	5	4			7								
09	19	0094	43	41	39	33	23	80	2	01	0	1	5	5	3	0	7								
09	22	0076	43	41	37	33	23	80	8	02	2	8	5	5			7			33	35	366	0000	45	41

Results of Surface Observations,
MACQUARIE – Nov., 1956

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	0049	44	42	40	33	22	80	8	02	2	8	5	5			7								
10	04	0020	44	43	42	33	25	40	8	58	5	8	7	3			7								
10	07	0006	44	43	41	34	28	40	8	02	2	8	5	5			7								
10	10	0001	45	43	39	34	28	16	8	10	2	8	5	7			7								
10	13	9988	44	43	42	34	23	32	8	60	6	5	7	2	2		7								
10	16	9970	44	43	42	34	19	40	8	02	2	7	5	5	1		7								
10	19	9958	44	43	43	35	17	16	8	10	2	7	5	5	2		8								
10	22	9928	44	43	42	36	18	16	7	50	5	7	5	5			8	0		33	37	588	0001	45	42
11	01	9889	44	43	42	35	23	40	8	02	5	8	5	5			7								
11	04	9865	44	43	43	35	23	16	8	61	6	8	0	5	2		7								
11	07	9862	43	43	42	34	15	16	8	61	6	8	0	2	2		7								
11	10	9842	44	44	44	35	18	16	8	61	6	5	7	2	2		8								
11	13	9807	45	45	44	36	26	16	8	61	6	8	0	2	2		8								
11	16	9783	44	44	44	34	23	08	8	10	6	8	7	2			8								
11	19	9792	43	42	41	35	12	81	5	01	1	3	7	3	3	0	8								
11	22	9781	43	43	42	36	21	81	6	03	1	6	0	9	7	0				01	50	592	0016	46	42
12	01	9764	44	43	42	01	23	56	7	03	1	4	5	5	3		7								
12	04	9755	41	41	40	31	19	40	8	02	2	1	6	3	1		7								
12	07	9767	43	42	40	33	16	81	7	02	2	7	0	9	7										
12	10	9770	44	41	38	33	15	81	8	03	1	0	0	9	0	7									
12	13	9767	44	41	37	31	17	81	5	03	1	1	5	5	0	8	7		8						
12	16	9768	43	39	34	30	21	82	1	02	0	1	5	5	3	1	6		8						
12	19	9775	41	39	37	29	21	81	5	25	3	3	8	4	0	5	6								
12	22	9773	38	37	34	29	26	80	4	80	8	4	2	4	0	0	6			01	45	465	0012	46	36
13	01	9774	39	37	35	29	22	80	7	80	8	7	8	4			6								
13	04	9780	39	36	32	29	26	80	7	25	8	7	8	4			6								
13	07	9789	40	36	30	30	22	81	4	16	8	4	8	4	0	0	6								
13	10	9790	41	37	31	30	21	82	5	15	8	5	8	6	0	0	6								
13	13	9790	40	37	34	30	22	81	6	16	8	5	8	5	3	8	6								
13	16	9778	38	37	34	33	14	32	8	61	6	8	0	4	2		7								
13	19	9756	34	34	33	18	11	06	8	73	7	8	6	1											
13	22	9766	37	35	31	28	20	80	7	01	7	4	5	5	3		6			30	46	558	0001	42	33
14	01	9781	37	35	31	30	23	81	6	25	8	4	8	5	3	0	6								
14	04	9822	39	37	34	28	23	81	7	16	8	6	8	5	3		6								
14	07	9867	37	35	32	27	28	81	5	16	8	5	8	5	0	0	6								
14	10	9899	38	34	26	27	24	80	7	26	8	7	8	4			6								
14	13	9941	40	35	26	27	26	81	8	16	8	8	8	5			6								
14	16	9957	40	36	30	29	23	82	6	01	2	4	8	5	5	0	6								
14	19	9960	39	38	37	31	27	40	8	61	2	3	7	4	2		7								
14	22	9956	42	41	40	31	29	40	8	61	6	8	0	5	2		7			27	50	506	0037	42	35
15	01	9956	42	41	41	31	23	40	7	60	6	3	7	4	2		7								
15	04	9954	42	42	41	31	27	40	7	60	6	3	7	4	2		7								
15	07	9941	43	42	41	32	30	80	7	02	6	7	6	4			7								
15	10	9926	44	42	39	33	32	40	7	01	2	3	6	4	7	5	7								
15	13	9893	44	43	41	33	31	40	8	60	2	3	7	3	2		7								
15	16	9885	43	41	39	31	24	80	6	01	6	5	5	4	0	8	7								
15	19	9900	41	39	36	30	22	81	6	25	8	2	8	3	0	2	6								
15	22	9907	39	37	33	30	18	80	7	80	8	7	8	4			6			33	47	649	0005	44	37
16	01	9907	39	37	35	29	20	80	6	02	2	6	5	5	0	0	6								
16	04	9908	38	37	34	29	18	81	5	25	8	4	8	3	3	0	6								
16	07	9915	38	35	29	27	17	81	7	25	8	7	8	5			6								
16	10	9920	39	34	24	27	23	82	5	01	2	5	8	7	0	0	6								
16	13	9922	40	35	25	28	20	82	6	02	8	5	5	5	3	0	6	6							
16	16	9923	36	34	29	27	22	81	7	27	8	7	8	5	3		6	5							
16	19	9928	36	33	28	28	17	82	7	15	8	6	8	4	3		6	6							
16	22	9935	36	33	26	29	18	81	7	27	8	7	8	4			6			27	40	595	0003	41	33
17	01	9933	36	34	31	29	24	81	7	27	8	7	8	4			6								
17	04	9940	35	33	29	28	21	82	4	16	8	3	8	4	3	0	6	6							
17	07	9966	35	33	28	27	07	81	7	25	8	7	8	4			5								
17	10	9985	35	34	32	27	20	08	8	85	8	8	2	3			6								
17	13	0007	38	35	28	27	17	81	8	15	2	8	8	5			6								
17	16	0027	38	34	26	27	14	81	7	02	8	7	5	7			6								
17	19	0051	38	33	24	28	12	81	8	02	2	8	5	5			6								
17	22	0077	37	33	25	27	11	81	8	02	2	8	5	5			6			27	40	491	0004	40	33
18	01	0089	37	35	32	25	09	81	8	02	2	8	5	5			5								
18	04	0096	36	34	29	23	02	81	8	02	2	8	5	5			5								
18	07	0113	39	35	29	00	00	81	8	02	2	8	5	7			5								
18	10	0122	41	36	28	00	00	82	8	02	2	8	5	6			5								
18	13	0128	41	37	29	31	07	82	8	02	2	8	5	6											
18	16	0131	40	36	29	11	02	82	7	02	2	7	5	5			3								
18	19	0140	39	36	30	11	03	82	8	02	2	8	5	5			2								
18	22	0151	39	35	28	11	05	82	8	02	2	8	5	5			2			26	26	304	0000	42	36

Results of Surface Observations,
MACQUARIE – Nov., 1956

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	0144	38	35	28	12	14	82	8	02	2	8	5	5			2								
19	04	0145	38	35	28	11	18	82	8	02	2	8	5	5			2								
19	07	0146	39	35	29	11	15	82	7	01	2	7	5	5			2								
19	10	0146	40	37	31	13	19	82	6	01	2	6	5	5			2								
19	13	0142	41	38	32	13	20	82	7	02	2	7	5	5			2								
19	16	0134	40	38	34	12	22	82	8	02	2	8	5	5			2								
19	19	0133	40	38	36	12	18	82	7	02	2	7	5	5			2								
19	22	0137	41	39	36	12	19	82	8	02	2	8	5	5			2			12	27	307	0000	42	37
20	01	0123	40	39	37	13	17	81	8	02	2	8	5	5			2								
20	04	0115	40	39	37	12	17	82	7	02	2	7	5	5	0	1	2								
20	07	0116	40	39	38	13	16	80	8	25	8	8	5	5			2								
20	10	0112	41	40	38	12	16	80	7	02	2	7	5	5			2								
20	13	0103	41	40	37	12	12	81	7	02	2	7	5	5			2								
20	16	0097	41	40	38	11	09	81	8	02	2	8	5	5			2								
20	19	0096	41	40	39	11	06	80	8	02	2	8	5	5			2								
20	22	0091	41	40	39	00	00	80	8	02	2	8	5	5			2			13	25	653	0000	42	40
21	01	0079	40	39	38	00	00	80	7	02	2	5	5	5	3		7								
21	04	0071	41	40	40	00	00	80	7	02	2	7	5	5			7								
21	07	0068	42	41	40	34	07	80	8	02	2	8	5	5			7								
21	10	0057	44	42	40	33	10	81	7	02	1	6	6	4	3	1	7	6							
21	13	0040	45	43	41	33	14	81	7	02	1	2	6	3	7		7	5							
21	16	0020	44	42	40	34	18	81	8	02	1	8	5	5			7								
21	19	0009	43	43	42	33	16	40	8	58	6	8	6	2			7								
21	22	9998	43	43	43	32	17	40	8	51	5	8	6	2			7			33	24	240	0000	46	40
22	01	9992	42	42	42	28	10	40	8	50	5	8	6	2											
22	04	9992	42	41	40	25	03	80	8	50	5	5	6	2	7			7							
22	07	9994	42	40	37	26	03	80	7	02	2	7	5	4			5								
22	10	9995	42	40	37	16	05	80	8	02	2	8	5	4			5								
22	13	9996	42	40	37	16	03	81	8	02	2	8	5	4			5								
22	16	9991	42	39	35	16	08	81	7	02	2	7	5	5											
22	19	9993	41	39	35	14	06	81	8	02	2	8	5	5			3								
22	22	9995	40	38	34	00	00	81	8	02	2	8	5	5			2			26	20	307	0003	44	39
23	01	9986	40	38	35	00	00	81	8	02	2	8	5	5			2								
23	04	9981	39	37	34	00	00	81	8	02	2	8	5	5											
23	07	9975	41	39	36	35	08	81	8	02	2	8	5	5			6								
23	10	9968	41	40	38	32	09	80	8	02	2	8	5	5			6								
23	13	9948	46	43	39	27	10	82	6	02	2	5	1	5	3	1	6	6	7						
23	16	9938	45	42	39	31	11	82	6	02	2	5	5	5	3	0	6	6							
23	19	9929	42	40	37	31	15	81	6	16	1	6	5	5	0	0	6								
23	22	9917	42	40	37	32	15	81	7	25	8	7	5	5			6			30	32	097	0001	46	37
24	01	9914	39	37	35	28	15	81	7	25	8	7	5	5			6								
24	04	9923	36	35	33	27	23	80	4	80	8	4	5	4	0	0	6								
24	07	9942	39	37	35	27	18	81	7	16	8	7	5	5			6								
24	10	9953	41	37	30	26	05	81	7	25	8	7	5	5			6								
24	13	9967	43	40	35	30	12	81	6	02	2	6	5	5	0	0	6								
24	16	9985	40	37	32	27	09	81	7	16	8	7	5	5			6								
24	19	9998	39	37	34	23	03	82	5	15	8	6	5	5	0	0	5								
24	22	0013	37	36	33	00	00	82	3	01	2	3	5	5	0	0	5			28	39	365	0010	44	36
25	01	0016	39	36	30	29	03	82	8	03	1	8	5	5			7								
25	04	0019	39	36	30	31	01	82	7	02	2	7	5	5			7								
25	07	0025	40	37	31	00	00	82	7	02	2	7	5	5			8								
25	10	0027	42	38	32	34	03	82	7	02	2	7	5	5			8								
25	13	0022	43	39	32	07	05	82	7	02	2	1	1	5	0	6	1	1							
25	16	0020	42	39	34	08	10	82	6	03	2	1	1	5	7	0	1								
25	19	0021	41	39	36	07	10	82	7	02	2	1	1	5	7		1								
25	22	0015	41	40	38	11	08	82	1	01	0	1	5	5	5	0	1			07	24	153	0001	45	38
26	01	0003	41	40	38	11	14	82	5	02	2	5	5	5	0	0	2	2	2						
26	04	9990	42	41	40	11	16	82	2	02	0	1	5	6	3	4	2	2							
26	07	9988	44	42	40	12	16	82	1	02	0	1	6	3	0	2			2						
26	10	9985	45	44	44	12	14	81	1	02	0	0	0	0	0	5			1						
26	13	9979	45	43	41	12	12	81	1	02	0	0	0	0	0	1			1						
26	16	9974	44	42	40	14	13	81	1	02	0	0	0	0	0	1			2						
26	19	9978	42	41	40	14	17	81	1	02	0	1	0	0	3	0		2							
26	22	9979	42	41	40	13	17	81	1	02	0	1	5	5	0	0	2			12	24	351	0000	46	40
27	01	9971	42	41	40	14	11	81	2	02	0	1	5	5	3	0	2								
27	04	9967	42	42	41	14	10	80	7	02	2	7	5	5			2								
27	07	9969	43	42	42	16	10	80	7	02	2	7	5	5											
27	10	9962	44	43	42	17	05	80	7	02	2	6	6	2	3										
27	13	9948	45	43	42	11	04	40	7	02	2	6	6	2	3										
27	16	9935	44	43	42	10	03	80	7	02	2	7	6	2											
27	19	9925	43	43	42	00	00	80	7	21	2	7	6	3											
27	22	9913	43	43	43	31	02	01	8	46	2	8	6	2						25	25	323	0000	47	40

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
		inb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
28	01	9900	42	42	42	27	21	40	8	58	6	8	6	2											
28	04	9907	41	39	38	27	18	40	8	58	6	8	6	2			6								
28	07	9919	40	37	30	28	17	81	7	02	2	7	5	5			6								
28	10	9915	44	40	34	30	13	82	3	02	1	2	1	5	3	0	6								
28	13	9895	45	41	36	31	17	82	7	03	1	6	8	5	3		7								
28	16	9879	43	42	41	32	18	80	7	16	R	7	8	4	3		7								
28	19	9864	43	42	41	33	18	80	6	03	R	2	6	3	7	9	7								
28	22	9841	43	42	42	34	21	40	8	21	6	8	7	4			7			28	36	257	0006	46	38
29	01	9821	42	42	41	32	17	16	8	60	6	8	7	3			7								
29	04	9818	41	40	40	30	09	32	8	60	6	8	7	3			6								
29	07	9821	42	41	41	31	05	80	7	01	6	2	5	5	7		6								
29	10	9824	45	43	39	32	05	82	7	02	2	6	5	5	0	1	6		7						
29	13	9824	48	43	37	28	02	82	4	01	2	2	1	5	3	0	5	7							
29	16	9833	43	40	36	15	08	81	6	03	1	3	5	5	7	2	4	7	7						
29	19	9842	42	40	36	14	09	80	7	02	2	2	5	5	7		4	7							
29	22	9844	41	38	33	15	14	40	7	50	6	7	6	5			4			32	28	398	0008	48	38
30	01	9842	39	37	35	18	19	16	8	61	6	8	0	4	2		4								
30	04	9839	39	37	33	17	24	80	8	21	6	8	0	5	2		4								
30	07	9845	40	38	36	19	19	81	7	25	6	7	8	5			4								
30	10	9847	40	37	30	18	21	82	6	02	2	5	5	5	3	0	4								
30	13	9856	41	38	32	18	21	80	7	80	2	7	8	5			4								
30	16	9880	40	35	25	19	16	81	7	02	2	7	5	5			5								
30	19	9905	38	35	30	20	07	82	6	02	1	6	8	5	0	0	5								
30	22	9922	37	35	32	25	12	80	7	80	1	7	8	5			5		*	20	36	290	0012	42	36

Results of Surface Observations,
MACQUARIE – Dec, 1956

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	9928	38	34	26	30	17	82	8	02	2	8	5	5			6								
01	04	9930	40	37	30	31	17	82	8	02	2	8	5	5			7								
01	07	9925	42	40	38	34	21	82	8	02	2	8	6	5			7								
01	10	9910	43	42	42	33	26	16	8	58	5	8	7	2			7								
01	13	9908	45	43	42	32	24	40	8	20	6	8	6	4			7								
01	16	9905	45	44	42	31	29	81	7	02	2	5	5	4	3		7								
01	19	9935	42	40	39	28	20	80	7	16	8	7	8	4			6								
01	22	9964	39	37	34	23	05	80	7	25	8	7	8	4			6			31	37	476	0000	46	38
02	01	9978	39	35	29	23	03	81	8	02	2	8	5	5			6								
02	04	9998	39	37	31	27	04	82	8	02	2	8	5	5			6								
02	07	0008	40	36	27	30	03	82	6	01	2	6	5	6	3		6								
02	10	0012	43	38	31	35	09	82	7	03	0	3	5	7	5		7	7							
02	13	0005	44	40	34	36	15	82	7	02	2	2	5	5	7										
02	16	9998	43	40	34	36	20	81	7	02	2	0			7	1									
02	19	9978	43	41	37	36	23	81	8	02	2	3	5	5	7										
02	22	9961	45	43	41	36	18	40	8	50	2	8	6	3						36	46	336	0005	45	39
03	01	9932	45	45	44	01	27	16	8	60	6	8	0	3	2										
03	04	9899	46	45	44	36	32	16	8	61	6	8	0	3	2										
03	07	9878	46	46	46	01	26	08	8	61	6	8	0	2	2										
03	10	9885	45	45	45	33	18	16	8	21	5	1	6	2	3			7							
03	13	9894	47	45	44	33	16	32	8	05	2	1	6	4	3	7	7	7							
03	16	9899	46	45	43	34	16	40	8	05	2	1	6	3	7			7	7						
03	19	9903	45	44	43	34	15	32	8	05	2	1	6	4	7	6	8	8							
03	22	9911	44	44	43	34	12	40	7	05	6	3	5	4	7		7	8		36	62	565	0001	46	43
04	01	9921	43	43	42	32	12	80	5	01	1	3	5	4			7								
04	04	9936	43	43	42	32	11	80	2	02	1	2	6	4			7								
04	07	9946	45	43	41	33	18	81	1	02	0	1	5	4			7								
04	10	9956	47	44	41	34	16	81	7	03	0	1	1	4	4	8		7	7						
04	13	9958	47	44	42	34	21	80	7	03	0	0	0	9	0	7									
04	16	9959	45	44	43	35	15	40	8	21	2	1	7	3	2		8	8							
04	19	9958	45	44	42	01	21	24	8	60	2	1	7	2	2		8	8							
04	22	9953	45	44	43	01	21	24	8	05	2	2	6	2	2		8	8		36	33	393	0001	46	43
05	01	9942	45	45	45	36	20	06	8	61	2	2	7	2	2		8								
05	04	9933	45	45	45	36	20	16	8	51	6	6	7	2	2		8								
05	07	9929	46	46	46	36	19	16	8	51	5	6	7	2	2		8								
05	10	9928	45	44	44	31	12	48	8	20	5	7	5	6			7								
05	13	9944	46	44	42	29	14	40	8	05	2	2	6	3	7		6		8						
05	16	9958	45	43	40	30	16	40	8	05	2	1	8	4	7	6	8								
05	19	9982	43	40	36	28	17	48	5	05	1	2	8	4	0		6		8						
05	22	0007	41	39	36	27	19	80	2	25	1	2	8	4	0	0	6			36	37	498	0007	47	40
06	01	0038	39	37	32	27	24	80	4	15	1	4	8	5	0	0	6								
06	04	0072	40	36	29	27	26	81	5	03	1	4	8	5	0	5	6								
06	07	0086	42	39	33	30	19	81	7	03	1	4	8	5	3	6	7	7							
06	10	0081	45	42	38	32	22	81	8	05	1	2	8	6	3	7	7	6							
06	13	0071	46	44	40	32	29	48	8	05	2	1	8	5	3	7	7								
06	16	0059	44	43	42	32	27	16	8	61	2	3	7	3	2		7	6							
06	19	0043	43	42	41	32	27	16	8	61	6	2	7	3	2		7								
06	22	0023	44	43	42	32	28	12	8	61	6	4	7	5	2		7			27	48	478	0001	47	38
07	01	9979	45	44	43	33	34	16	8	63	6	4	7	3	2		7								
07	04	9964	44	44	44	32	25	24	8	61	6	2	6	2	2		7								
07	07	9960	45	44	44	32	19	24	8	61	6	3	6	2	2		7								
07	10	9952	44	44	44	32	22	12	8	61	6	7	7	2	2		7								
07	13	9972	41	40	37	27	19	24	8	60	6	4	7	3	2		6								
07	16	0002	42	39	33	27	20	81	5	05	6	3	2	5			6								
07	19	0041	39	36	32	25	13	81	3	25	1	3	2	5			6								
07	22	0094	39	34	24	27	20	81	2	01	1	2	2	5			5			34	46	692	0028	45	39
08	01	0092	39	34	26	27	18	81	1	01	0	1	2	5			6								
08	04	0127	40	37	32	27	08	81	7	03	1	7	5	5			6								
08	07	0128	41	38	32	27	12	81	7	02	2	7	8	5			6								
08	10	0116	44	39	32	29	10	81	2	02	1	2	1	5			6								
08	13	0105	45	40	32	34	06	82	2	02	1	1	8	5	0	8	7								
08	16	0091	45	40	32	36	04	82	2	02	1	1	8	5	0	5	7								
08	19	0057	42	38	31	09	08	82	8	03	1	1	5	5	1	7	8	7							
08	22	0024	43	40	36	10	13	81	8	02	2	1	5	6	7	7	8	6		27	30	397	0003	46	37
09	01	9957	42	41	41	11	20	04	8	63	6	4	7	3	2		7								
09	04	9908	43	43	43	11	09	10	8	58	6	3	7	2	0		8								
09	07	9885	45	45	45	02	04	00	8	47	6	4	6	3	0		8								
09	10	9870	45	45	45	32	18	00	8	47	6	4	6	4	0		7								
09	13	9868	45	45	44	27	19	08	8	50	4	4	6	2	1		6								
09	16	9878	44	43	41	28	29	32	8	50	2	2	6	1	3		6								
09	19	9905	43	41	39	28	28	80	7	01	2	2	6	3	5		6								
09	22	9926	42	40	37	29	28	40	7	50	2	7	6	4		8	6			29	45	296	0078	46	40

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	9941	42	41	39	28	27	24	8	50	2	7	6	3		8	5								
10	04	9959	41	40	38	28	18	24	8	50	2	8	6	3			5								
10	07	9972	40	39	39	29	10	40	8	02	2	8	6	3			6								
10	10	9977	42	39	35	28	13	81	8	02	2	8	5	5			6								
10	13	9978	46	42	37	29	10	81	7	02	2	5	5	5	3	6	6	7							
10	16	9987	47	45	43	32	09	81	7	05	2	4	5	5	3	8	7								
10	19	9994	44	43	43	34	13	40	5	05	1	5	6	3			7								
10	22	0003	44	44	43	32	12	24	5	05	1	4	5	6			7			29	44	560	0000	48	39
11	01	0017	43	42	41	27	19	40	3	01	1	3	5	5			6								
11	04	0033	42	41	40	27	12	81	3	01	1	2	5	5		1	5								
11	07	0051	45	44	43	32	08	81	6	03	1	3	5	6	3		7								
11	10	0051	46	44	42	33	11	81	7	05	2	5	5	8	3	1	8	6							
11	13	0048	47	45	43	34	11	80	8	05	2	4	6	2	3	1	8	6							
11	16	0042	47	46	45	34	16	64	7	05	2	2	6	3	3	1	8	6							
11	19	0043	45	45	44	35	11	40	7	14	2	2	6	2	3	1	8	6							
11	22	0038	44	44	44	35	11	40	7	05	2	2	6	2	3	8	8	6	6	27	26	296	0000	47	42
12	01	0033	44	44	44	35	09	40	8	05	2	4	6	2	7		8	6							
12	04	0023	45	44	42	02	22	10	8	51	2	8	7	2	2		8								
12	07	0019	45	45	45	36	18	06	8	51	5	8	7	2	2		8								
12	10	0018	45	45	45	36	17	06	8	20	5	8	6	2			8								
12	13	0019	46	46	45	29	05	24	8	50	4	7	6	1	4	7	6								
12	16	0018	47	46	45	34	08	24	8	01	2	2	6	2	4	7	8								
12	19	0024	45	45	45	34	10	02	8	47	2	8	6	0			8								
12	22	0022	46	46	46	36	14	02	8	43	2	8	6	0			8			02	36	339	0007	47	44
13	01	0020	45	45	45	35	14	02	8	60	6	8	6	0	2		8								
13	04	0027	46	45	44	31	06	40	8	28	2	8	6	1			7								
13	07	0035	45	45	45	35	12	02	8	47	2	8	6	0			8								
13	10	0041	46	46	46	34	14	01	8	47	4	8	6	0			8								
13	13	0039	46	46	46	34	13	02	8	43	4	8	6	0			8								
13	16	0036	46	46	46	01	20	00	8	47	4	8	6	0			8								
13	19	0035	45	45	45	34	11	00	8	45	5	8	6	0			8								
13	22	0027	46	46	45	36	21	05	8	05	4	2	6	3		7	8			02	38	282	0001	50	44
14	01	0003	47	45	44	36	22	12	8	05	2	6	5	6		7	8								
14	04	9989	47	46	45	36	18	12	8	05	2	7	5	6		7	8								
14	07	9976	47	45	43	36	23	16	8	05	2	7	5	6		7	8								
14	10	9959	47	45	43	36	30	24	8	05	2	7	5	6			8								
14	13	9954	45	45	45	36	19	16	8	51	2	8	5	5			8								
14	16	9945	46	45	45	36	14	03	8	53	6	8	7	3	2		8								
14	19	9950	45	44	44	20	05	08	7	20	5	6	7	1	2		8								
14	22	9975	43	42	41	20	05	48	6	05	1	6	6	3			5			36	54	474	0000	48	42
15	01	9995	42	39	36	25	05	80	6	05	1	6	5	5			5								
15	04	0014	42	40	37	23	03	81	7	02	2	7	5	5			5								
15	07	0038	44	42	38	09	01	82	6	02	2	6	5	5			5								
15	10	0040	45	42	37	11	02	82	6	02	2	6	5	5			4								
15	13	0049	46	42	36	09	05	83	1	02	1	1	5	5		5	3								
15	16	0049	44	41	37	11	09	83	1	02	0	1	5	5		8	2								
15	19	0051	42	39	34	11	14	82	1	03	0	1	5	5			2								
15	22	0049	40	39	37	13	14	81	8	02	2	8	5	5			3			12	24	251	0009	48	39
16	01	0041	40	38	36	11	12	81	8	02	2	8	5	5			2								
16	04	0030	41	39	38	11	08	64	8	50	2	8	5	3			2								
16	07	0029	42	42	42	12	11	02	8	47	4	8	6	0			2								
16	10	0029	44	43	43	13	06	12	8	50	4	8	6	1			3								
16	13	0022	45	45	44	30	06	32	8	40	5	8	5	5			7								
16	16	0121	46	43	40	34	05	83	3	03	1	1	5	5	7	7	8	8	8						
16	19	0026	45	43	41	35	07	82	8	15	2	1	6	4	7	7	8	8	8						
16	22	0030	45	45	45	36	14	16	8	50	5	7	6	2	2		8	8		02	26	329	0001	47	39
17	01	0033	45	45	45	34	11	00	8	50	5	8	6	0	2		8	8							
17	04	0043	44	44	44	33	07	02	8	45	4	8	6	0	2		8	8							
17	07	0054	45	45	45	34	09	02	8	50	5	8	6	0	2		8	8							
17	10	0056	47	47	46	33	06	03	8	46	2	8	6	0			8								
17	13	0058	46	46	46	31	03	02	8	47	4	8	6	0			7								
17	16	0054	46	46	46	35	06	00	8	45	4	8	6	0			8								
17	19	0049	45	45	45	04	04	00	8	45	4	8	6	0			1								
17	22	0045	44	44	44	11	01	04	8	50	4	8	6	1			2			36	16	176	0002	47	42
18	01	0027	44	44	44	13	02	00	8	51	5	8	5	0			3								
18	04	0004	45	44	43	11	04	82	8	01	5	8	5	4			1								
18	07	9978	44	44	44	16	12	02	8	47	2	8	6	0			4								
18	10	9950	46	46	46	11	09	02	8	50	5	8	6	0			2								
18	13	9912	47	47	47	14	03	02	8	50	5	8	6	0			3								
18	16	9886	47	47	47	16	02	00	8	47	5	8	6	0			4								
18	19	9870	47	47	47	02	07	02	8	47	5	8	6	0			1								
18	22	9850	47	47	47	36	09	03	8	50	6	8	6	2	2		8	8		36	33	183	0001	48	44

Results of Surface Observations,
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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	9832	45	45	45	36	13	40	3	01	6	1	6	2	7		8	8							
19	04	9835	45	45	44	32	19	24	3	40	1	1	6	3	3		7								
19	07	9858	46	45	43	33	19	64	2	05	1	1	5	4			7								
19	10	9874	48	46	45	34	16	64	1	05	0	1	5	3	7		8	8							
19	13	9876	49	47	44	01	16	64	7	05	1	1	5	3			8		7						
19	16	9865	48	47	45	04	06	40	7	05	1	2	5	3	3	4	1	8							
19	19	9853	47	46	45	02	07	12	8	60	2	2	7	3	2		8	8							
19	22	9826	46	45	44	36	16	02	8	60	6	2	7	3	2		8			36	43	305	0013	51	45
20	01	9828	45	44	43	34	16	08	7	05	2	2	7	3	2		8	8							
20	04	9836	45	44	43	34	09	08	8	05	2	1	6	3	2	4	8	8							
20	07	9846	47	46	45	36	11	16	8	05	2	2	6	3	2	2	8	8							
20	10	9854	50	47	44	02	11	48	2	05	2	0	6	3	2		8		1						
20	13	9856	50	48	45	02	14	48	2	14	2	1	6	2	3		8	8	8						
20	16	9856	48	46	43	34	14	40	6	15	3	1	8	5	5	3	7		8						
20	19	9865	46	45	43	35	12	40	3	05	1	2	8	5	3	3	8		8						
20	22	9879	45	44	44	35	09	40	1	05	1	1	8	3		8	8		8	02	28	321	0005	52	44
21	01	9885	45	44	44	36	10	40	1	05	0	1	8	3		3	8		8						
21	04	9888	46	45	44	02	13	48	2	05	0	1	6	2		5	8		7						
21	07	9886	47	46	45	02	04	48	2	05	1	3	6	3	3	5	8		7						
21	10	9876	49	47	45	14	06	24	7	05	2	2	6	3	7	5	3		8						
21	13	9852	47	46	45	14	12	24	8	03	2	2	6	2	7	7	3		8						
21	16	9819	46	46	46	00	00	16	8	50	2	6	6	2	2	7	0								
21	19	9832	45	45	44	34	18	16	8	20	6	5	7	2		7	8		8						
21	22	9846	45	43	41	34	15	48	2	01	1	2	5			8	8		8	02	26	316	0000	50	44
22	01	9850	45	45	44	34	18	81	7	01	0	1	6	2			8								
22	04	9856	45	44	43	35	12	64	8	05	1	1	5	3	3	6	7		8						
22	07	9857	47	46	45	01	13	80	8	05	1	1	5	3	7	9	8	7							
22	10	9852	48	46	44	04	04	48	8	15	1	2	8	4		6	1		8						
22	13	9845	47	45	42	36	13	80	2	15	1	3	9	5		3	8		8						
22	16	9836	46	44	42	34	13	80	2	15	1	3	8	6		3	8		8						
22	19	9837	45	44	43	32	12	80	5	15	1	5	8	6		3	8		8						
22	22	9836	44	42	40	32	14	16	5	61	8	2	8	4	2		7			32	27	348	0018	49	42
23	01	9826	43	42	40	33	14	12	7	51	8	5	7	3			8								
23	04	9828	43	42	41	29	14	12	4	61	8	4	2	4	2		7								
23	07	9840	45	44	43	28	14	16	5	80	8	6	2	5			6								
23	10	9854	45	43	41	28	19	81	7	02	2	6	5	4			6								
23	13	9860	47	45	43	28	18	81	8	15	2	7	5	6			6								
23	16	9857	46	43	40	28	18	81	8	15	1	7	8	4			6								
23	19	9854	44	43	42	30	15	81	8	15	8	7	8	5			6								
23	22	9844	44	43	41	32	15	81	8	15	8	7	8	5			7			27	40	370	0021	48	42
24	01	9818	43	42	40	33	07	81	8	02	2	7	5	6			8								
24	04	9775	42	41	41	09	04	48	7	51	5	8	5	5			8								
24	07	9740	44	44	44	34	05	48	7	51	5	8	5	5			8								
24	10	9728	46	45	45	34	05	24	7	58	6	6	5	2	2		8								
24	13	9732	45	43	41	30	26	24	7	50	6	5	6	2			6								
24	16	9739	46	43	41	30	27	40	7	05	5	4	6	4	7		6								
24	19	9741	45	43	40	31	28	32	8	05	5	1	6	4		1	7		8						
24	22	9757	44	42	39	30	24	64	8	01	1	1	6	3			7			29	42	366	0029	48	41
25	01	9763	44	43	41	31	14	81	8	03	2	7	5	6			7								
25	04	9768	43	43	42	32	08	48	8	15	1	2	8	4			7								
25	07	9778	46	45	43	32	08	64	8	05	1	3	8	4		6	7		7						
25	10	9782	47	46	44	32	13	80	6	05	1	2	6	4	3	7	7	7	7						
25	13	9777	47	45	44	33	14	80	2	05	1	4	6	3		8	7		7						
25	16	9765	48	46	45	34	08	81	7	05	1	1	6	4			8								
25	19	9771	45	44	43	35	05	80	5	05	1	1	6	3	3	8			7						
25	22	9768	44	43	43	00	00	24	8	03	1	3	6	2	3		0			31	20	518	0007	49	43
26	01	9764	44	44	44	32	01	20	8	05	1	4	6	2			0								
26	04	9772	44	43	42	29	02	40	7	05	1	1	6	2	3		6								
26	07	9785	46	43	40	27	04	40	1	05	2	1	5	4	3		6								
26	10	9794	48	45	41	25	08	81	2	03	1	1	4	4		5	6								
26	13	9805	50	44	37	26	09	82	3	01	0	1	5	5		6	6		6						
26	16	9818	47	44	40	31	03	84	4	14	1	1	5	4		8		7							
26	19	9824	46	44	40	00	00	82	5	15	2	3	6	4	3	8	7	7	7	29	17	193	0000	50	43
26	22	9828	45	44	43	16	02	83	7	02	2	2	5	6	3	8	7	7	7						
27	01	9820	45	44	44	13	09	40	4	61	2	5	7	3	2		3	7							
27	04	9812	44	44	44	14	08	40	4	15	6	4	7	2	2		3								
27	07	9816	44	43	43	17	18	81	7	15	2	7	8	5			5								
27	10	9826	45	43	41	18	19	80	6	02	2	2	6	2	2	8	4								
27	13	9838	45	43	39	17	09	83	7	15	2	2	8	4			4	6							
27	16	9847	46	43	36	22	02	83	8	14	2	2	1	4			5	6							
27	19	9855	45	42	38	21	03	83	8	03	2	2	1	5			5								
27	22	9865	43	42	40	17	02	82	7	02	2	8	6	6			5			19	25	224	0006	49	43

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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	9870	42	39	34	20	08	82	7	01	2	5	5	6			5								
28	04	9875	42	40	37	20	06	83	7	02	2	5	8	6			5								
28	07	9888	44	42	38	25	06	83	7	03	2	6	8	5			6								
28	10	9892	46	43	38	25	07	82	7	20	2	5	8	4		1	6		5						
28	13	9901	48	44	38	29	11	83	6	15	2	4	8	4			6								
28	16	9907	48	43	37	29	07	82	3	15	1	3	8	4			6								
28	19	9916	45	42	38	28	06	82	6	80	1	5	8	4			5								
28	22	9921	41	40	38	00	00	82	3	01	1	3	8	4			5			27	23	214	0002	49	41
29	01	9908	42	40	38	04	02	82	3	02	1	2	8	4			1								
29	04	9893	43	41	37	07	12	82	6	03	1	5	8	4	3		2								
29	07	9875	45	43	40	09	13	82	8	03	2	3	8	4	7	7	2								
29	10	9847	46	44	42	11	14	24	8	61	6	4	7	3	2		2	1							
29	13	9810	45	44	44	11	23	10	8	61	6	5	7	3	2		2	8							
29	16	9767	45	44	44	12	26	12	8	61	6	6	7	3	2		3	8							
29	19	9750	45	43	42	31	15	24	8	60	6	3	5	6	2		7	8							
29	22	9763	46	45	44	36	09	40	7	05	2	5	6	2			8			11	37	194	0000	47	41
30	01	9757	45	44	44	34	01	80	4	05	2	3	5	6			8								
30	04	9749	45	45	45	14	13	80	3	05	1	2	5	6			8								
30	07	9744	44	44	44	15	23	20	8	10	4	8	6	1			4								
30	10	9747	45	44	43	16	21	24	6	05	2	6	5	6											
30	13	9748	46	45	44	16	21	24	7	05	2	7	5	6											
30	16	9758	46	45	45	18	18	40	7	05	2	7	8	5			2								
30	19	9780	46	45	44	17	18	24	8	60	5	8	8	5											
30	22	9798	45	45	45	18	18	08	8	50	5	8	8	5						16	29	494	0037	47	44
31	01	9810	46	45	45	14	20	04	8	50	5	8	5	5											
31	04	9828	45	45	45	14	16	32	7	01	6	7	5	5											
31	07	9838	47	45	43	14	18	64	5	01	2	2	8	5	3		3								
31	10	9840	46	44	41	13	20	80	7	05	2	4	6	4			3								
31	13	9842	46	44	40	12	16	81	5	05	1	5	6	4			3								
31	16	9833	45	42	39	12	16	81	5	05	1	5	6	4		5	3								
31	19	9832	44	42	38	12	14	81	5	05	1	5	8	4		5	2								
31	22	9837	44	43	40	11	11	81	5	05	1	4	8	4			2			14	27	465	0008	47	44

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	°ft	°F	°ft	° × 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	9959	030	027	020	12	21	83	1	02	0	0	0	9	3	0									
01	05	9965	028	025	017	12	26	83	1	02	0	0	0	9	3	0									
01	08	9975	032	028	023	07	09	83	1	02	0	0	0	9	3	0									
01	11	9984	035	030	023	05	09	83	2	02	0	1	5	6	3	0									
01	14	9985	034	030	025	24	05	83	1	02	0	1	5	7	0	0									
01	17	9989	034	030	024	23	02	83	6	03	1	6	5	7	0	0	3								
01	20	9999	033	030	023	25	03	83	7	14	2	7	5	7											
01	23	0001	032	029	024	20	03	83	7	14	2	6	5	7	5		2			13	32	222	0000	035	028
02	02	0004	030	026	020	13	17	83	0	01	1	0	0	9	0	0									
02	05	0011	031	027	021	13	17	83	1	02	0	1	5	7	0	0									
02	08	0013	033	028	019	12	22	83	2	02	0	1	5	7	0	2	2								
02	11	0022	038	032	024	08	12	83	1	02	0	0	0	9	0	2									
02	14	0033	037	031	023	25	02	83	1	02	0	1	5	7	0	0									
02	17	0037	037	031	022	22	05	83	3	03	0	1	5	6	0	9	2								
02	20	0047	040	035	028	18	02	83	4	02	1	1	2	6	3	2									
02	23	0055	032	028	020	13	18	83	3	02	1	1	4	6	3	2				12	30	255	0000	040	029
03	02	0052	031	026	018	13	26	83	1	01	0	0	0	9	0	2									
03	05	0045	030	025	016	13	26	83	0	00	0	0	0	9	0	0									
03	08	0037	033	027	019	12	31	83	2	00	0	0	0	9	3	9									
03	11	0032	038	031	021	12	20	83	5	03	0	0	0	9	3	0									
03	14	0020	041	034	023	11	25	83	6	03	1	4	5	7	3										
03	17	0018	039	033	022	13	26	83	7	02	2	6	5	7	3										
03	20	0015	039	032	022	13	22	83	7	02	2	5	5	6	3	2									
03	23	0013	037	031	021	11	32	38	3	70	2	2	6	5	6	3				13	42	531	0000	041	030
04	02	0014	035	030	022	14	21	83	5	02	2	5	5	6	0	0									
04	05	0018	035	030	021	15	23	83	5	02	2	5	5	7	0	0									
04	08	0012	040	033	022	13	31	83	2	03	1	1	5	7	3	0									
04	11	0029	043	035	026	13	17	83	5	03	0	3	5	8	3	0	2								
04	14	0031	043	035	026	13	19	83	6	02	2	6	5	8	0	0	2								
04	17	0035	043	036	026	13	14	83	1	01	1	1	5	8	0	0									
04	20	0038	041	034	023	13	23	83	1	02	0	0	0	9	1	0									
04	23	0047	036	030	021	13	28	83	2	03	1	0	0	9	5	1				13	43	509	0000	044	034
05	02	0057	035	030	021	14	25	83	1	03	1	0	0	9	0	1									
05	05	0070	036	030	021	14	23	83	1	02	0	0	0	9	0	1									
05	08	0080	036	030	020	13	30	83	1	02	0	0	0	9	3	0									
05	11	0092	040	033	027	13	21	83	1	02	0	1	5	7	0	0									
05	14	0094	042	035	023	27	02	83	0	02	0	0	0	9	0	0									
05	17	0092	043	036	026	12	14	83	0	02	0	0	0	9	0	0									
05	20	0090	038	032	023	12	21	83	1	02	0	1	5	7	0	0									
05	23	0100	037	031	021	13	31	83	4	02	1	4	5	7	0	0				13	43	507	0000	044	033
06	02	0108	035	030	019	14	31	83	0	02	0	0	0	9	0	0									
06	05	0100	037	031	019	14	26	83	0	02	0	0	0	9	0	0									
06	08	0071	039	032	022	14	24	83	0	00	0	0	0	9	0	0									
06	11	0044	043	035	028	15	25	83	1	02	0	1	5	8	0	0									
06	14	0010	045	037	026	15	23	83	1	02	0	1	5	8	0	0									
06	17	9981	044	037	026	14	25	83	1	02	0	1	5	8	0	0									
06	20	9931	043	035	023	15	31	83	1	02	0	1	5	8	0	0									
06	23	9922	038	031	021	16	44	83	1	02	0	1	5	8	0	0				16	58	605	0000	045	033
07	02	9890	040	033	020	13	44	83	0	00	0	0	0	9	0	0									
07	05	9886	039	031	021	13	45	83	1	02	0	0	0	9	0	8									
07	08	9900	038	031	020	12	40	83	2	02	0	1	5	7	3	0									
07	11	9929	039	032	022	13	44	83	6	03	1	5	5	8	0	2									
07	14	9960	038	033	024	12	35	83	8	02	2	4	5	8	0	6									
07	17	0006	038	033	027	09	28	83	8	02	2	7	5	8	5										
07	20	0045	038	034	027	09	15	83	7	02	2	7	5	7											
07	23	0068	036	032	026	11	20	83	8	02	2	7	5	7	5					13	63	784	0000	041	035
08	02	0080	035	032	025	12	22	83	8	02	2	7	5	7	5										
08	05	0089	036	032	026	12	22	83	8	02	2	6	5	7	5										
08	08	0081	039	034	027	11	25	83	7	02	2	6	5	7	5										
08	11	0069	042	036	028	13	30	83	7	14	2	6	5	8	5	0	5								
08	14	0058	043	037	029	10	20	83	8	14	2	8	5	5	5										
08	17	0041	042	037	030	09	08	83	7	02	2	6	5	5	5	0	8								
08	20	0022	041	036	029	12	29	83	7	02	2	7	5	5	5										
08	23	0001	041	035	026	13	28	83	7	02	2	7	5	5						13	43	544	0000	043	035
09	02	9982	040	036	025	13	30	83	7	02	2	6	5	8	5										
09	05	9968	042	035	025	13	35	13	6	03	1	1	5	8	5	0									
09	08	9948	042	035	025	13	35	83	4	01	1	1	5	8	0	2									
09	11	9935	043	036	027	13	33	83	4	02	1	1	5	8	0	2									
09	14	9937	044	037	027	13	31	83	3	02	1	2	5	8	0	2									
09	17	9927	042	036	028	12	36	83	5	03	1	4	5	7	0	1									
09	20	9923	041	035	027	12	31	83	6	03	2	6	5	7	0	0									
09	23	9931	039	034	025	12	31	83	7	02	2	7	5	7						12	52	745	0000	044	039

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	02	9932	040	033	023	12	30	83	8	02	2	8	5	7											
10	05	9933	041	034	023	12	26	83	5	02	2	5	5	7	0	0									
10	08	9941	040	033	024	12	25	83	7	02	2	7	5	7											
10	11	9944	041	035	028	09	14	83	7	02	2	7	5	7											
10	14	9954	036	034	031	25	04	81	8	05	2	8	5	7											
10	17	9953	038	035	031	19	05	82	8	05	2	8	5	7											
10	20	9946	039	035	031	22	05	83	7	01	2	7	5	7											
10	23	9945	036	033	027	13	15	83	3	01	1	3	5	7	0	0				12	46	412	0000	042	035
11	02	9947	036	032	025	13	23	83	6	03	1	6	5	7	0	0									
11	05	9947	035	031	026	12	17	83	7	02	2	7	5	7											
11	08	9950	037	033	030	13	13	83	7	02	2	7	5	7											
11	11	9948	038	035	031	12	22	80	8	15	2	8	6	4											
11	14	9940	040	036	029	12	25	83	7	14	2	7	5	8											
11	17	9930	042	036	028	12	31	83	7	02	2	7	5	8											
11	20	9908	042	035	026	13	32	83	4	01	2	3	5	8	3	0									
11	23	9891	041	035	026	13	39	83	6	03	1	3	5	8	3	2				13	59	564	0000	042	034
12	02	9875	040	034	026	13	40	83	8	02	2	0	0	9	7										
12	05	9861	040	034	026	13	45	83	8	02	2	0	0	9	7										
12	08	9862	038	034	028	12	45	40	8	68	2	0	0	9	7										
12	11	9857	037	035	032	12	39	40	8	61	6	8	6	4											
12	14	9880	039	036	032	10	33	82	7	14	2	7	5	6											
12	17	9907	035	033	031	09	42	40	7	70	7	3	5	6	7										
12	20	9955	035	033	030	09	40	80	7	15	1	6	5	6	0	5									
12	23	9980	034	032	030	08	23	83	7	02	2	4	5	6	3					13	68	929	0000	041	034
13	02	9992	035	032	031	33	05	83	7	02	2	7	5	7											
13	05	9979	039	036	033	12	26	83	7	02	2	5	5	7	1										
13	08	9973	040	037	034	11	35	40	8	60	6	5	5	6	2										
13	11	9969	042	038	035	11	31	83	8	61	6	6	5	6	7										
13	14	9980	037	036	033	08	18	81	7	60	6	4	5	6	2										
13	17	9981	041	038	035	09	24	81	7	15	2	4	5	6	2										
13	20	9982	042	038	034	12	31	83	8	02	2	6	5	6	2										
13	23	9976	042	039	034	13	25	83	7	02	2	6	5	6	2					11	48	534	0000	042	033
14	02	9981	038	037	036	07	09	40	8	61	6	8	6	4											
14	05	9983	037	035	032	09	24	80	8	02	2	8	6	4											
14	08	9992	036	034	031	10	26	83	7	02	2	7	5	5											
14	11	0008	037	034	031	09	22	80	8	14	2	8	6	5											
14	14	0019	037	035	032	08	16	81	8	02	2	8	6	4											
14	17	0025	037	035	031	08	15	81	8	15	2	8	5	5											
14	20	0023	035	034	032	24	03	83	8	02	2	8	5	5											
14	23	0022	037	034	031	27	04	83	7	02	2	7	5	5						09	25	377	0002	038	035
15	02	0019	037	034	030	11	11	83	8	02	2	0	0	9	7										
15	05	0016	036	032	026	12	18	83	4	02	1	0	0	9	7	2									
15	08	0016	038	034	028	12	18	83	6	02	2	1	5	6	7	2									
15	11	0019	040	035	028	09	05	83	7	02	2	2	5	6	1										
15	14	0023	040	035	028	22	05	83	6	02	1	1	5	6	3	5									
15	17	0017	043	036	026	27	06	83	3	01	1	0	0	9	7	1									
15	20	0015	042	036	026	17	06	83	2	01	1	0	0	9	3	2									
15	23	0007	037	033	027	13	17	83	2	02	0	0	0	9	3	2				12	25	224	0000	045	036
16	02	0006	034	030	022	13	22	83	0	02	0	0	0	9	0	0									
16	05	9998	034	029	020	14	21	83	0	02	0	0	0	9	0	0									
16	08	9993	037	031	023	13	21	83	2	02	0	0	0	9	3	2									
16	11	9990	042	036	028	13	17	83	0	00	0	0	0	9	0	0									
16	14	9991	041	035	026	27	05	83	1	02	0	0	0	9	3	0									
16	17	9986	044	038	029	09	09	83	1	02	0	0	0	9	3	0									
16	20	9985	041	035	026	13	05	83	1	02	0	0	0	9	3	0									
16	23	9987	034	030	023	05	05	83	1	02	0	0	0	9	3	0				13	33	304	0000	044	033
17	02	9981	031	027	018	13	26	83	1	02	0	0	0	9	0	5									
17	05	9984	031	027	018	13	28	83	1	02	0	0	0	9	0	5									
17	08	9978	034	028	017	11	23	83	5	03	1	0	0	9	3	5									
17	11	9973	040	032	018	12	08	83	6	02	2	0	0	9	3	2		5							
17	14	9972	043	035	023	12	14	83	2	02	1	0	0	9	0	2									
17	17	9971	043	035	021	11	07	83	1	02	0	0	0	9	0	9									
17	20	9960	037	031	021	12	09	83	2	02	0	0	0	9	0	9									
17	23	9961	032	027	015	24	05	83	1	02	0	0	0	9	3	0				13	43	338	0000	044	030
18	02	9960	030	034	011	16	22	83	0	02	0	0	0	9	0	0									
18	05	9956	026	021	011	17	35	83	0	02	0	0	0	9	0	0									
18	08	9952	028	024	013	15	25	83	2	02	0	0	0	9	3	0									
18	11	9943	033	028	019	12	25	83	2	02	0	0	0	9	0	2									
18	14	9951	035	030	021	08	07	83	3	02	0	0	0	9	7	1									
18	17	9958	034	030	022	08	07	83	7	03	1	1	8	5	3	2									
18	20	9953	034	029	022	15	05	83	6	02	2	1	6	4	3	9									
18	23	9957	029	025	017	13	17	83	7	02	2	0	0	9	5	1				16	44	357	0000	037	025

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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	9961	025	021	012	13	27	83	3	02	1	0	0	9	3	0									
19	05	9968	023	020	011	13	27	83	3	02	1	0	0	9	3	0									
19	08	9976	025	021	013	12	25	83	6	02	2	0	0	9	3	0									
19	11	9981	031	027	020	12	16	83	5	02	2	1	5	5	7	1									
19	14	9996	034	030	023	06	10	83	5	03	1	4	1	5	3	0									
19	17	0005	033	029	023	05	10	83	5	02	1	4	1	5	3	0									
19	20	0012	034	030	024	08	05	83	6	02	1	5	8	5	3	0									
19	23	0012	029	026	021	17	08	83	1	02	1	1	5	5	0	0				13	38	387	0000	035	022
20	02	0012	023	020	012	12	25	83	0	00	0	0	0	9	0	0									
20	05	0018	022	019	011	13	26	83	0	00	0	0	0	9	0	0									
20	08	0009	025	022	013	12	26	83	1	02	0	0	0	9	3	0									
20	11	0008	032	028	019	10	17	83	1	02	0	0	0	9	3	0									
20	14	0005	034	030	022	08	14	83	2	02	0	0	0	9	3	0									
20	17	9992	033	029	022	06	10	83	6	03	1	1	5	5	3	2									
20	20	9983	031	028	021	07	07	83	8	02	2	0	0	9	3	1									
20	23	9972	029	026	020	12	17	83	7	02	2	0	0	9	7					14	35	382	0000	034	022
21	02	9962	026	023	016	12	22	83	8	02	2	0	0	9	7										
21	05	9956	025	022	015	12	22	83	8	02	2	0	0	9	7										
21	08	9942	027	024	016	12	24	83	8	02	2	0	0	9	7										
21	11	9931	032	027	019	11	25	83	7	02	2	0	0	9	7										
21	14	9925	033	029	020	10	23	83	7	02	2	0	0	9	7										
21	17	9916	035	030	022	09	21	83	6	01	2	0	0	9	7										
21	20	9908	032	027	019	11	22	83	7	02	2	0	0	9	7										
21	23	9903	029	024	015	10	27	83	7	02	2	0	0	9	7					12	35	526	0000	035	024
22	02	9904	027	023	014	11	19	83	7	02	2	0	0	9	7	9									
22	05	9894	027	023	014	12	31	83	7	02	2	0	0	9	7	9									
22	08	9897	029	025	015	11	21	83	7	02	2	0	0	9	7	1									
22	11	9896	032	027	017	11	17	83	7	02	2	0	0	9	7										
22	14	9886	035	030	020	11	18	83	7	02	2	0	0	9	7										
22	17	9878	035	030	021	12	17	83	7	02	2	0	0	9	7	2									
22	20	9875	032	028	019	13	21	83	7	02	2	0	0	9	7										
22	23	9879	030	026	018	08	18	83	7	02	2	0	0	9	7					12	43	514	0000	037	026
23	02	9877	027	023	014	08	12	83	6	02	2	0	0	9	7	2									
23	05	9867	028	023	014	13	31	83	5	02	2	0	0	9	7	2									
23	08	9868	030	025	014	12	31	83	4	01	1	0	0	9	7	2									
23	11	9864	034	029	018	12	24	83	4	03	1	0	0	9	4	9									
23	14	9853	037	031	019	11	26	83	5	03	1	0	0	9	4	9									
23	17	9866	036	031	023	09	13	83	5	02	2	0	0	9	4	9									
23	20	9860	033	027	018	11	20	83	6	02	2	0	0	9	7	9									
23	23	9860	028	024	015	13	22	83	6	02	2	1	5	8	4	9				12	45	498	0000	037	024
24	02	9860	026	022	012	13	26	83	5	02	2	0	0	9	4	9									
24	05	9860	024	021	009	13	26	83	5	02	2	0	0	9	4	9									
24	08	9858	026	022	012	13	22	83	3	02	0	0	0	9	4	2									
24	11	9851	034	029	018	11	16	83	2	02	0	0	0	9	0	9									
24	14	9849	035	030	020	08	13	83	3	02	0	1	2	5	0	9									
24	17	9848	035	030	022	05	09	83	2	02	0	1	2	5	0	9									
24	20	9845	037	031	021	10	09	83	2	02	0	1	2	5	0	2									
24	23	9848	027	023	015	12	22	83	2	02	0	1	5	6	0	2				13	40	398	0000	037	024
25	02	9853	023	019	010	12	30	83	1	02	0	1	5	6	0	0									
25	05	9851	022	018	009	14	26	83	1	02	0	1	5	6	0	0									
25	08	9854	025	021	012	13	23	83	1	02	0	1	5	6	0	0									
25	11	9849	031	027	018	12	22	83	0	00	0	0	0	0	0	0									
25	14	9858	032	027	017	32	06	83	0	00	0	0	0	0	0	0									
25	17	9860	032	027	019	21	06	83	1	00	0	1	0	2	0	0									
25	20	9864	032	028	019	24	06	83	1	00	0	0	0	0	0	1									
25	23	9873	025	022	013	13	22	83	1	00	0	0	0	9	0	0				13	37	371	0000	033	021
26	02	9887	021	018	007	13	27	83	2	02	0	1	5	6	0	1									
26	05	9899	021	017	008	13	29	83	1	02	0	1	5	6	0	0									
26	08	9902	024	020	009	13	26	83	1	02	0	1	5	6	0	0									
26	11	9905	030	026	016	12	17	83	1	02	0	1	5	6	0	0									
26	14	9916	035	029	018	09	14	83	0	00	0	0	0	9	0	0									
26	17	9923	033	028	018	07	07	83	0	00	0	0	0	9	0	0									
26	20	9935	032	028	019	19	12	83	0	00	0	0	0	9	0	0									
26	23	9939	025	022	013	13	17	83	1	02	0	0	0	9	0	1				13	38	413	0000	035	020
27	02	9940	021	018	009	13	27	83	0	00	0	0	0	9	0	0									
27	05	9942	021	018	007	14	26	83	1	02	0	0	0	9	0	2									
27	08	9941	024	020	010	12	22	83	1	02	0	0	0	5	0	2									
27	11	9934	029	025	014	12	15	83	1	02	0	0	0	5	0	2									
27	14	9937	031	026	018	06	10	83	1	02	0	0	0	5	0	5									
27	17	9933	031	026	019	30	06	83	1	02	0	0	0	9	0	5									
27	20	9931	031	027	020	21	05	83	1	02	0	0	0	9	0	5									
27	23	9929	026	024	018	18	06	83	1	02	0	1	5	5	0	0				13	38	342	0000	031	020

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
28	02	9924	023	019	012	15	17	83	0	00	0	0	0	9	0	0									
28	05	9930	019	016	007	14	24	83	1	02	0	1	5	5	0	0									
28	08	9930	023	019	011	13	17	83	1	02	0	1	5	5	0	0									
28	11	9931	029	025	017	10	16	83	2	02	0	1	8	5	0	0									
28	14	9939	032	027	020	09	07	83	3	03	1	1	8	5	3	0									
28	17	9939	032	027	019	09	07	83	4	02	1	2	8	5	3	2									
28	20	9944	031	027	020	10	06	83	6	03	1	1	8	5	3	5									
28	23	9956	026	023	017	13	12	83	7	03	2	3	8	5	0	5				14	32	287	0000	033	019
29	02	9959	022	020	014	14	17	83	3	01	2	2	6	5	0	5									
29	05	9958	022	019	013	14	18	83	1	02	1	1	5	6	0	0									
29	08	9955	025	021	013	14	17	83	1	02	0	1	5	6	0	0									
29	11	9965	029	025	016	14	13	83	1	02	0	1	5	6	0	0									
29	14	9962	034	027	015	08	09	83	1	02	0	1	5	6	0	2									
29	17	9957	031	026	016	25	08	83	0	00	0	0	0	9	0	0									
29	20	9950	031	027	018	24	05	83	0	00	0	0	0	9	0	0									
29	23	9947	027	024	017	16	09	83	0	00	0	0	0	9	0	0				13	28	265	0000	034	021
30	02	9944	023	020	012	15	18	83	0	00	0	0	0	9	0	0									
30	05	9932	021	017	006	14	33	83	0	00	0	0	0	9	0	0									
30	08	9904	027	022	008	09	01	83	1	00	0	0	0	9	0	5									
30	11	9890	027	023	013	29	09	83	3	03	0	0	0	9	0	9									
30	14	9874	029	025	015	28	10	83	1	02	0	0	0	9	0	5									
30	17	9853	031	026	018	27	12	83	1	02	0	0	0	9	0	5									
30	20	9834	033	027	017	15	11	83	1	02	0	0	0	9	0	5									
30	23	9827	030	024	013	31	08	83	1	02	0	0	0	9	0	5				16	45	237	0000	033	020
31	02	9840	025	021	013	16	21	83	3	03	0	0	0	9	5	0									
31	05	9828	024	020	009	16	23	83	5	03	1	0	0	9	0	5									
31	08	9807	023	019	009	14	30	83	4	03	1	0	0	9	5	5									
31	11	9799	027	023	013	13	22	83	8	03	2	0	0	9	2										
31	14	9788	029	025	009	09	16	83	8	02	2	3	5	7	1										
31	17	9771	029	025	009	10	23	83	7	02	2	3	5	6	7										
31	20	9773	028	024	015	12	21	83	8	02	2	2	0	9	7										
31	23	9773	026	022	013	11	28	83	8	02	2	1	5	6	7					16	45	485	0000	030	022

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
01	02	9778	023	019	010	12	33	83	5	02	1	0	0	9	1	0									
01	05	9793	022	019	009	13	26	83	4	02	1	0	0	9	1	0									
01	08	9803	023	019	009	13	30	83	4	03	1	0	0	9	3	9									
01	11	9801	028	023	013	14	23	83	3	02	1	1	5	5	3	5									
01	14	9802	033	027	017	12	23	83	3	01	1	1	8	5	3	5									
01	17	9803	033	028	019	11	17	83	2	02	0	1	8	5	3	0									
01	20	9807	029	025	017	12	17	83	2	02		1	8	5	3	0									
01	23	9809	025	021	012	16	22	83	1	01	0	0	0	9	3	0				12	47	566	0000	034	021
02	02	9812	022	019	010	15	19	83	1	02	0	0	0	9	3	0									
02	05	9803	020	017	006	15	27	83	1	02	0	0	0	9	3	0									
02	08	9800	025	021	012	14	22	83	1	02	0	0	0	9	3	0									
02	11	9798	031	027	016	13	14	83	0	00	0	0	0	9	0	0									
02	14	9811	037	030	019	13	06	83	0	00	0	0	0	9	0	0									
02	17	9822	034	028	019	32	10	83	0	00	0	0	0	9	0	0									
02	20	9842	034	028	016	21	12	83	0	00	0	0	0	9	0	0									
02	23	9855	027	023	012	12	22	83	0	00	0	0	0	9	0	0				15	38	354	0000	037	020
03	02	9870	023	019	011	16	30	83	1	02	0	0	0	9	3	0									
03	05	9880	022	018	008	16	31	83	2	02	0	0	0	9	3	0									
03	08	9880	027	023	012	15	25	83	1	02	0	0	0	9	0	2									
03	11	9902	032	027	018	12	18	83	0	00	0	0	0	9	0	0									
03	14	9915	035	030	022	09	05	83	0	00	0	0	0	9	0	0									
03	17	9934	034	029	020	25	03	83	1	03	0	0	0	9	0	5									
03	20	9942	035	030	022	16	03	83	5	03	1	0	0	9	0	5									
03	23	9949	028	025	019	13	17	83	8	03	2	0	0	9	0	6				16	42	386	0000	027	021
04	02	9939	025	022	014	13	31	85	8	02	2	0	0	9	7										
04	05	9938	026	023	016	12	31	83	8	02	2	0	0	9	7										
04	08	9932	028	024	017	11	31	83	8	02	2	2	5	5	2										
04	11	9916	029	025	019	10	31	81	8	15	2	4	5	5	2										
04	14	9892	030	026	019	09	38	82	8	15	2	2	5	5	2										
04	17	9883	028	026	022	11	39	80	8	22	7	5	6	4	2										
04	20	9863	028	026	023	11	44	80	8	38	3	7	6	4	2										
04	23	9844	027	025	024	11	44	16	8	38	3	8	6	4						11	60	798	0000	030	025
05	02	9833	026	025	022	11	39	00		38	3														
05	05	9810	025	025	024	12	42	00		38	3														
05	08	9781	025	025	024	12	48	00		39	3														
05	11	9768	027	027	026	12	51	00		39	3														
05	14	9760	027	027	026	12	50	00		39	3														
05	17	9755	029	028	026	12	50	00	8	38	3	2	5	5	7										
05	20	9766	029	027	024	12	42	80	7	36	3	3	5	5	7										
05	23	9765	029	027	020	12	46	83	8	02	3	0	0	9	7					13	68	1151	0000	029	025
06	02	9765	029	026	019	12	42	83	8	02	2	0	0	9	7										
06	05	9771	031	027	020	12	44	83	5	01	1	0	0	9	7	0									
06	08	9770	033	028	021	11	44	82	8	02	2	0	0	9	1										
06	11	9779	032	028	021	12	44	82	7	15	1	6	5	7	3										
06	14	9791	033	028	020	12	42	83	8	02	2	5	5	7	3										
06	17	9815	033	028	020	12	32	82	8	15	2	4	6	5	2										
06	20	9826	033	028	019	12	31	83	7	14	2	3	6	5	7	9									
06	23	9832	032	027	017	12	30	83	8	14	2	5	5	6	7	1				12	67	994	0012	034	029
07	02	9945	031	027	019	12	17	81	8	14	2	3	5	7	7										
07	05	9856	030	027	020	12	10	81	8	14	2	2	5	7	7										
07	08	9856	031	027	020	12	19	81	8	14	2	7	5	7	1										
07	11	9859	034	030	025	06	07	82	8	14	2	3	5	8	3	8									
07	14	9864	034	031	025	04	12	81	8	70	2	6	5	8	1										
07	17	9870	034	032	028	04	06	83	7	14	2	6	5	7	7										
07	20	9857	033	029	022	11	34	83	7	02	2	6	5	7	3										
07	23	9865	031	028	024	12	33	81	8	15	7	6	5	7	1					12	49	447	0000	036	029
08	02	9871	030	027	022	12	35	87	8	02	3	5	5	7	7										
08	05	9879	032	027	019	12	38	82	7	15	2	2	5	7	7										
08	08	9901	031	028	021	12	35	82	8	15	2	1	5	7	7										
08	11	9915	034	029	021	11	32	82	7	15	2	1	5	8	7										
08	14	9932	036	030	021	10	22	82	7	02	2	5	5	8	3	2									
08	17	9942	035	031	025	04	09	82	7	15	2	4	5	7	3	9									
08	20	9853	032	030	026	05	09	83	7	01	2	3	5	7	3	2									
08	23	9955	031	028	024	14	04	83	7	02	2	7	5	7						12	56	649	0000	037	028
09	02	9949	029	026	020	12	17	83	8	02	2	8	5	7											
09	05	9942	028	024	016	12	17	83	8	01	2	6	5	7	3										
09	08	9938	027	024	015	12	15	83	8	02	2	1	5	7	3										
09	11	9924	030	026	016	11	19	83	7	02	2	1	5	7	3	4									
09	14	9920	031	027	018	11	19	83	7	14	2	3	8	7	3										
09	17	9910	030	025	016	12	23	83	7	02	2	2	8	7	7										
09	20	9898	029	024	015	11	16	83	7	02	2	2	5	7	7										
09	23	9884	024	020	011	13	19	83	6	02	1	1	5	7	7	4				11	32	443	0000	032	027

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	02	9873	023	019	011	13	26	83	2	01	1	0	0	9	4	2									
10	05	9859	023	019	011	12	23	83	3	02	1	0	0	9	4	0									
10	08	9853	024	021	011	12	17	83	7	02	2	3	5	7	4	9									
10	11	9848	030	025	015	11	19	83	7	02	2	1	5	7	5	9									
10	14	9847	032	027	017	12	23	83	8	15	2	1	1	7	5	7									
10	17	9847	031	026	016	12	13	83	7	15	1	2	8	7	5	7									
10	20	9855	027	023	015	13	19	83	6	01	1	1	8	7	4	9									
10	23	9856	024	020	011	13	17	83	3	01	1	2	5	7	3	0				12	35	487	0000	033	021
11	02	9862	024	020	009	13	25	83	2	02	1	0	0	9	7	0									
11	05	9875	024	020	010	13	25	83	2	02	0	2	5	7	0	0									
11	08	9880	025	021	012	13	23	83	2	02	0	1	5	7	7	0	2								
11	11	9892	032	027	018	09	13	83	3	02	0	1	5	7	3	0	2								
11	14	9898	033	029	021	05	07	83	4	01	1	3	8	7	3	0	2								
11	17	9903	033	029	021	10	02	83	7	02	1	7	8	5			2								
11	20	9904	031	028	022	09	09	83	7	02	2	6	5	7	3										
11	23	9908	030	026	018	13	16	83	8	02	2	8	5	7						13	34	372	0000	034	021
12	02	9897	027	024	016	12	19	83	7	03	2	5	5	7	1										
12	05	9890	025	021	013	12	22	83	8	02	2	6	5	7	1										
12	08	9886	025	022	014	12	22	83	6	01	2	1	5	7	3	2									
12	11	9881	031	027	018	09	12	83	7	02	2	7	5	7											
12	14	9879	032	027	019	06	11	83	7	02	2	6	5	7	3										
12	17	9878	034	029	020	09	13	83	7	02	2	6	5	7	3										
12	20	9875	031	026	018	11	13	83	7	02	2	7	5	7											
12	23	9873	027	024	016	13	16	83	7	02	2	7	5	7						12	31	375	0000	034	024
13	02	9870	028	024	014	13	17	83	8	02	2	8	5	7											
13	05	9872	026	023	014	13	19	83	8	02	2	8	5	7											
13	08	9871	027	023	014	13	22	83	8	02	2	8	5	7											
13	11	9872	031	027	018	13	14	83	7	02	2	1	5	8	3										
13	14	9879	035	029	018	02	02	83	3	02	1	0	0	9	3	2									
13	17	9877	031	026	019	24	06	83	7	03	1	0	0	9	3										
13	20	9878	030	026	018	24	02	83	7	02	2	0	0	9	7										
13	23	9874	029	025	019	13	14	83	7	02	2	0	0	9	7					13	27	281	0000	036	026
14	02	9870	026	023	015	14	13	83	3	01	1	0	0	9	7	0									
14	05	9868	023	019	012	15	14	83	2	02	0	0	0	9	7	2									
14	08	9859	025	022	013	15	11	83	7	02	1	1	5	7	3										
14	11	9855	029	024	014	10	09	83	7	02	2	1	5	6	3										
14	14	9856	033	028	019	09	04	83	7	01	2	1	5	6	3	5									
14	17	9852	032	028	021	07	05	83	6	02	1	0	0	9	3	9									
14	20	9853	031	027	020	09	09	83	7	03	1	5	5	7	3	2									
14	23	9847	025	022	015	13	21	83	6	02	2	5	5	7	0	2				12	27	249	0000	033	022
15	02	9845	024	021	013	13	27	83	5	03	2	0	0	9	3	0									
15	05	9841	025	021	013	13	31	83	7	03	7	0	0	9	7										
15	08	9846	026	023	014	13	33	83	8	02	2	1	5	7	7										
15	11	9845	024	025	017	13	32	83	7	02	2	6	5	8	0	2									
15	14	9852	032	028	019	13	27	81	7	15	2	5	5	8	3	2									
15	17	9842	031	027	019	12	31	81	7	02	2	6	5	7	1										
15	20	9843	030	026	018	12	31	81	8	15	2	0	0	9	7										
15	23	9849	027	024	016	12	30	81	8	15	2	2	5	7	2					13	43	755	0000	033	023
16	02	9846	025	022	013	13	35	83	5	02	1	0	0	9	1	0									
16	05	9824	025	021	012	13	38	83	5	02	1	0	0	9	1	0									
16	08	9821	026	022	014	13	31	83	5	02	1	0	0	9	4	5									
16	11	9811	031	027	018	11	28	83	3	01	1	1	5	6	3	5									
16	14	9793	034	029	020	11	18	83	3	02	1	1	5	6	3	5									
16	17	9781	033	028	019	11	18	83	4	02	1	2	8	5	3	5									
16	20	9769	031	026	018	11	19	83	3	01	1	2	5	6	0	5									
16	23	9761	029	024	014	13	27	83	2	01	1	1	5	6	0	5				13	47	662	0000	034	024
17	02	9760	025	020	010	16	35	83	1	02	0	0	0	9	3	0									
17	05	9763	021	018	007	16	31	83	0	00	0	0	0	9	0	0									
17	08	9770	025	021	009	14	26	83	1	02	0	0	0	9	3	0									
17	11	9778	027	023	012	13	26	83	1	00	0	0	0	9	0	2									
17	14	9784	031	026	016	12	22	83	0	00	0	0	0	9	0	0									
17	17	9803	033	028	018	11	13	83	1	00	0	1	5	7	0	0									
17	20	9819	027	023	014	13	20	83	0	00	0	0	0	9	0	0									
17	23	9832	023	019	010	14	24	83	0	00	0	0	0	9	0	0				15	45	476	0000	033	021
18	02	9846	022	018	009	15	18	83	0	00	0	0	0	9	0	0									
18	05	9858	020	017	007	15	19	83	0	00	0	0	0	9	0	0									
18	08	9871	023	019	009	15	25	83	0	00	0	0	0	9	0	0									
18	11	9876	030	025	014	13	20	83	1	03	0	0	0	9	0	2									
18	14	9887	033	028	018	13	15	83	1	03	0	0	0	9	0	2									
18	17	9900	033	028	019	32	06	83	1	02	0	0	0	9	0	2									
18	20	9910	028	024	014	13	19	83	1	02	0	0	0	9	3	0									
18	23	9914	025	021	011	14	25	83	0	00	0	0	0	9	0	0				14	35	434	0000	033	020

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	w	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St. miles	Points	°F	°F
19	02	9918	022	018	008	13	31	83	0	00	U	0	0	9	0	0									
19	05	9926	022	019	009	15	22	83	0	00	U	0	0	9	0	0									
19	08	9917	023	018	009	14	26	83	0	00	U	0	0	9	0	0									
19	11	9912	028	024	015	13	26	83	1	03	U	1	5	6	0	0									
19	14	9917	033	029	021	06	12	83	1	01	U	1	5	6	0	0									
19	17	9910	035	031	023	09	09	83	1	02	U	1	5	6	0	0									
19	20	9926	031	027	021	13	11	83	1	02	U	1	5	6	0	0									
19	23	9926	024	020	011	14	24	83	0	00	U	0	0	9	0	0				13	43	457	0000	035	020
20	02	9935	021	017	007	13	27	83	1	02	U	0	0	9	3	0									
20	05	9939	020	016	005	13	31	83	6	03	1	0	5	9	3	5									
20	08	9941	020	017	006	13	34	83	6	03	1	1	5	6	5	0									
20	11	9933	024	021	010	12	29	83	7	02	2	7	5	5											
20	14	9887	029	025	016	11	38	83	8	03	2	0	5	9	7										
20	17	9852	029	025	017	11	44	83	8	02	2	0	5	9	7										
20	20	9847	028	024	016	11	49	83	8	02	2	3	5	5	7										
20	23	9817	029	026	019	12	56	24	8	36	2	6	0	2	4					12	72	912	0000	030	019
21	02	9810	031	027	020	12	52	82	8	02	2	0	0	2	4										
21	05	9804	031	027	020	12	48	82	8	02	2	0	0	2	4										
21	08	9804	029	028	026	11	48	04	8	03	2	0	0	2	2										
21	11	9797	030	029	029	12	41	04	8	38	3	0	5	9	7										
21	14	9802	031	029	025	12	45	16	8	38	3	0	5	9	7										
21	17	9806	031	027	022	12	44	80	8	15	3	7	6	5	1										
21	20	9810	029	027	023	11	44	40	8	15	3	6	6	5	2										
21	23	9829	026	026	026	12	44	02	8	38	3	8	6	5						12	70	1219	0000	031	026
22	02	9858	027	027	027	12	42	02	8	38	3	8	6	5											
22	05	9883	027	027	027	12	40	08	8	38	3	8	7	5											
22	08	9911	030	029	027	11	36	83	8	02	3	7	5	7	3										
22	11	9915	032	030	025	11	35	82	8	15	3	4	5	7	7	2	2								
22	14	9925	033	030	026	12	36	83	7	36	3	4	5	7	7		2								
22	17	9923	032	030	026	12	38	82	8	36	3	4	5	7	1										
22	20	9933	032	029	026	11	39	82	8	36	3	4	5	7	1										
22	23	9934	032	029	024	11	38	83	8	02	2	4	5	7	1					12	57	990	0005	033	026
23	00	9935	034	030	025	11	35	83	8	02	2	3	5	7	1										
23	03	9944	035	030	026	11	36	83	8	02	2	4	5	7	3										
23	06	9942	036	030	021	11	27	83	6	02	1	4	5	7	3	2									
23	09	9934	037	031	021	12	28	83	6	02	2	6	5	7	3										
23	12	9917	037	031	021	12	22	83	7	02	2	7	5	8	3										
23	15	9895	036	030	020	14	22	83	6	01	2	3	5	8	3	0									
23	18	9876	032	027	016	12	26	83	2	01	1	1	5	8	3	0				11	49	703	0000	038	032
24	02	9861	029	025	014	13	28	83	1	02	U	1	5	7	3	0									
24	05	9844	031	025	012	13	35	83	6	03	1	1	5	7	3	5									
24	08	9844	029	025	014	12	28	83	5	01	2	2	5	7	3	9									
24	11	9851	031	026	014	12	31	83	5	03	2	3	5	7	3	9									
24	14	9853	030	025	016	12	26	82	8	14	2	8	5	7											
24	17	9858	027	024	018	12	30	81	8	02	2	8	5	7											
24	20	9861	028	024	014	12	28	80	8	02	2	8	5	6											
24	23	9873	026	023	013	13	23	81	8	02	2	8	6	4						13	51	697	0000	031	026
25	02	9876	025	021	013	13	27	83	8	02	2	8	0	8	7										
25	05	9885	024	020	010	13	28	83	8	02	2	8	0	8	7										
25	08	9896	023	020	010	13	29	83	8	02	2	8	0	8	7										
25	11	9900	024	021	010	14	26	83	8	02	2	8	0	9	7										
25	14	9906	026	022	012	13	26	83	7	02	2	7	0	9	7										
25	17	9909	028	024	015	12	18	83	7	02	2	7	0	9	3										
25	20	9914	025	021	012	13	22	83	7	02	2	0	0	9	3	0									
25	23	9921	023	019	008	13	26	83	5	01	2	0	0	9	3	0				13	42	615	0000	028	023
26	02	9923	020	016	005	13	22	83	1	02	U	0	0	9	3	0									
26	05	9929	019	015	004	13	31	83	2	02	U	0	0	9	3	2									
26	08	9934	020	017	003	13	31	83	7	02	1	2	5	9	3										
25	11	9941	021	017	005	13	34	83	7	02	2	7	5	6	3										
26	14	9957	023	029	008	12	25	83	5	01	2	5	5	8	0	0									
26	17	9967	023	019	008	12	27	83	7	02	2	7	5	7											
26	20	9975	021	017	005	13	31	83	7	02	2	7	5	7	3										
26	23	9986	017	014	001	13	34	83	7	02	2	7	5	7						12	48	692	0000	024	018
27	02	9985	015	012	501	13	31	83	7	02	2	7	5	7											
27	05	9990	015	012	501	13	31	83	8	02	2	8	5	7											
27	08	9993	015	012	501	13	31	83	2	01	1	1	5	7	3	0									
27	11	0001	019	015	005	13	23	83	2	03	1	1	5	6	3	0									
27	14	9999	023	019	006	13	22	83	2	02	1	1	5	8	3	2									
27	17	9991	023	019	008	12	22	83	2	02	1	1	5	8	3	0									
27	20	9986	018	015	004	12	22	83	1	02	U	1	5	6	3	0									
27	23	9986	015	012	000	13	26	83	2	03	U	2	5	6	0	0				13	46	634	0000	023	014

Results of Surface Observations,
MAWSON – Feb., 1956

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	017	013	002	14	22	83	6	03	1	6	5	6											
28	05	9968	016	013	000	14	26	83	8	02	2	8	5	7											
28	08	9964	015	012	000	13	34	83	7	02	2	7	5	7											
28	11	9964	019	015	003	13	20	83	6	02	2	6	5	7	0	0									
28	14	9966	025	020	008	10	12	83	1	02	2	0	0	9	3	0									
28	17	9962	024	019	006	09	06	83	1	02	0	0	0	9	3	0									
28	20	9960	019	016	004	13	13	83	1	02	0	0	0	9	3	0									
28	23	9959	014	011	501	13	22	83	1	02	0	0	0	9	3	0				13	45	505	0000	025	014
29	02	9956	013	010	502	14	20	83	1	02	0	0	0	9	3	0									
29	05	9954	013	010	504	14	17	83	3	02	0	0	0	9	7	0									
29	08	9951	012	010	504	15	16	83	2	02	0	1	5	7	3	0									
29	11	9944	015	012	501	12	20	83	5	03	1	4	5	7	3	0									
29	14	9943	017	014	002	13	19	83	7	02	2	7	5	7											
29	17	9935	018	015	004	12	17	83	7	02	2	7	5	7											
29	20	9947	015	013	001	13	20	83	2	01	2	2	5	7	0	0									
29	23	9957	012	009	504	16	22	83	1	02	1	1	5	7	0	0				13	34	451	0000	018	011

Results of Surface Observations,
MAWSON — Mar., 1956

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	9967	009	006	509	16	24	83	0	00	0	0	0	9	0	0									
01	05	9980	006	004	508	16	29	83	0	00	0	0	0	9	0	0									
01	08	9996	009	007	506	15	21	83	0	00	0	0	0	9	0	0									
01	11	0015	016	012	501	14	22	83	0	00	0	0	0	9	0	0									
01	14	0034	020	016	003	13	16	83	2	02	0	1	8	6	0	5	9								
01	17	0045	021	017	004	08	12	83	1	02	1	0	0	9	0	2			9						
01	20	0059	015	012	001	13	15	83	1	02	1	0	0	9	0	0		9							
01	23	0059	014	011	502	12	18	83	1	02	1	0	0	9	5	0		9		15	37	460	0000	022	005
02	02	0064	015	011	504	12	21	83	0	02	0	0	0	9	0	0									
02	05	0061	011	008	504	12	30	83	2	03	1	0	0	9	5	1		9	9						
02	08	0051	013	010	503	14	33	83	6	03	1	0	0	9	0	6		9							
02	11	0057	017	014	002	14	17	83	7	02	2	0	0	9	1			9							
02	14	0054	023	019	008	11	12	83	6	02	2	0	0	9	0	6			1						
02	17	0050	022	019	009	12	08	83	7	02	2	0	0	9	1			9							
02	20	0038	022	018	009	13	08	83	7	02	2	0	0	9	1			9							
02	23	0023	018	015	004	13	21	83	5	02	2	0	0	9	1	0		9		13	45	486	0000	023	009
03	02	0008	019	015	004	13	20	83	7	02	2	0	0	9	1			9							
03	05	9990	017	013	001	14	22	83	1	02	1	0	0	9	1			9							
03	08	9974	017	014	002	15	17	83	2	02	1	0	0	9	1	0		9							
03	11	9964	024	020	009	20	03	83	1	02	1	0	0	9	1	0		9							
03	14	9952	026	021	007	28	02	83	1	02	0	0	0	9	1	0									
03	17	9934	027	023	011	26	04	83	0	02	0	0	0	9	1	0		9							
03	20	9925	025	021	011	00	00	83	1	02	0	0	0	9	3	0									
03	23	9918	021	017	004	14	20	83	0	02	0	0	0	9	0	0		9		14	35	321	0000	028	016
04	02	9924	016	013	001	14	21	83	0	02	0	0	0	9	0	0									
04	05	9924	015	012	000	16	24	83	0	02	0	0	0	9	0	0									
04	08	9925	015	012	000	15	17	83	1	03	0	0	0	9	3	0									
04	11	9926	023	018	003	10	07	83	0	02	0	0	0	9	0	0									
04	14	9924	024	020	006	06	08	83	0	02	0	0	0	9	0	0									
04	17	9925	024	019	006	31	04	83	0	02	0	0	0	9	0	0									
04	20	9920	023	019	008	12	05	83	0	02	0	0	0	9	0	0									
04	23	9914	014	012	005	17	16	83	0	02	0	0	0	9	0	0				16	35	305	0000	025	013
05	02	9918	012	010	001	16	17	83	1	02	0	0	0	9	3	0		9							
05	05	9914	011	008	502	14	22	83	2	02	1	0	0	9	3	0		9							
05	08	9914	014	011	503	13	28	83	1	02	1	0	0	9	3	0		9							
05	11	9912	015	011	504	13	26	83	1	02	1	0	0	9	3	0		9							
05	14	9917	018	014	001	12	25	83	1	02	1	0	0	9	3	0		6							
05	17	9922	018	015	001	12	19	83	1	02	1	1	5	6	0	0	3								
05	20	9931	012	010	502	12	20	83	1	02	1	1	5	6	0	0	3								
05	23	9935	010	007	505	13	28	83	1	02	1	1	5	6	0	0	3			13	37	550	0000	018	009
06	02	9937	008	005	507	13	31	83	0	02	0	0	0	9	0	0									
06	05	9941	007	005	507	14	31	83	1	02	1	0	0	9	0	1			6						
06	08	9944	008	005	508	13	29	83	1	02	1	0	0	9	0	1			6						
06	11	9951	012	009	503	13	26	83	2	02	1	1	5	6	0	1	2		6						
06	14	9960	017	014	002	13	19	83	2	02	1	1	5	6	0	1	6		6						
06	17	9959	017	013	002	13	14	83	2	02	1	1	5	6	0	1	6		6						
06	20	9964	011	009	502	13	17	83	2	02	1	1	5	6	0	1	6		6						
06	23	9957	010	008	504	13	22	83	1	01	1	1	5	6	0	0	5			13	38	592	0000	018	007
07	02	9949	009	007	507	13	22	83	0	02	0	0	0	9	0	0									
07	05	9937	007	005	508	13	25	83	0	02	0	0	0	9	0	0									
07	08	9933	007	005	509	13	29	83	1	02	0	0	0	9	0	2			6						
07	11	9922	012	009	504	12	29	83	0	02	0	0	0	9	0	0									
07	14	9918	016	013	501	12	23	83	0	02	0	0	0	9	0	0									
07	17	9912	017	013	003	11	18	83	1	03	0	1	5	6	0	0	3								
07	20	9916	012	010	502	14	17	83	1	02	0	1	5	6	0	0	3								
07	23	9921	009	006	506	15	12	83	0	02	0	0	0	9	0	0				13	37	565	0000	017	005
08	02	9922	006	004	507	16	11	83	0	02	0	0	0	9	0	0									
08	05	9924	004	002	510	15	20	83	0	02	0	0	0	9	0	0									
08	08	9928	005	003	508	15	18	83	0	02	0	0	0	9	0	0									
08	11	9933	012	009	502	12	07	83	0	02	0	0	0	9	0	0									
08	14	9943	016	013	504	18	03	83	3	03	0	0	0	9	0	5			5						
08	17	9949	020	016	501	00	00	83	5	03	1	0	0	9	0	5			5						
08	20	9960	014	011	001	13	08	82	8	03	2	1	5	6	0	7	3		5						
08	23	9964	011	008	503	14	18	82	4	01	2	0	0	9	0	8			5	15	29	282	0000	020	003
09	02	9968	008	006	505	15	22	82	1	01	2	0	0	9	0	1			6						
09	05	9973	005	003	508	15	24	83	0	02	0	0	0	9	0	0									
09	08	9969	005	003	508	16	22	83	0	02	0	0	0	9	0	0									
09	11	9963	011	009	504	15	22	83	0	02	0	0	0	9	0	0									
09	14	9958	015	010	502	13	23	83	0	02	0	0	0	9	0	0									
09	17	9955	014	011	502	13	23	83	0	02	0	0	0	9	0	0									
09	20	9942	008	006	505	13	28	83	1	03	0	1	5	6	0	0	2								
09	23	9932	006	004	508	13	31	83	0	01	1	0	0	9	0	0				13	45	557	0000	014	004

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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	02	9924	006	006	505	14	32	83	0	02	0	0	0	9	0	0									
10	05	9912	007	004	507	15	31	82	1	03	0	1	6	6	0	0	4								
10	08	9909	003	002	509	16	33	80	8	02	2	8	6	6			4								
10	11	9909	008	005	506	16	28	81	8	02	2	8	5	6			4								
10	14	9909	010	007	505	15	21	81	8	02	2	8	5	6			4								
10	17	9913	012	009	503	15	18	83	7	01	2	7	5	6			5								
10	20	9917	007	005	506	15	23	83	2	01	2	2	5	7	0	0	5								
10	23	9926	002	001	511	16	29	83	0	02	0	0	0	9	0	0				15	47	640	0000	012	002
11	02	9935	001	501	512	15	31	83	0	02	0	0	0	9	0	0									
11	05	9938	000	501	513	15	35	83	0	02	0	0	0	9	0	0									
11	08	9940	001	501	513	15	34	83	0	02	0	0	0	9	0	0									
11	11	9942	008	006	506	15	21	83	0	02	0	0	0	9	0	0									
11	14	9944	014	011	502	15	14	83	0	02	0	0	0	9	0	0									
11	17	9937	012	009	504	13	25	83	0	02	0	0	0	9	0	0									
11	20	9924	008	005	507	14	30	83	0	02	0	0	0	9	0	0									
11	23	9912	007	005	509	13	33	83	0	02	0	0	0	9	0	0				15	49	630	0000	014	501
12	02	9894	006	006	507	13	32	83	0	02	0	0	0	9	0	0									
12	05	9883	009	006	508	13	36	83	1	02	1	1	5	6	0	0	2								
12	08	9870	009	006	508	13	45	82	0	36	1	0	0	9	0	0									
12	11	9882	013	010	504	14	35	82	0	02	0	0	0	9	0	0									
12	14	9880	015	011	501	14	35	82	4	03	1	4	5	5	0	0	2								
12	17	9878	015	012	501	13	32	82	7	03	2	7	5	5			2								
12	20	9884	015	012	502	13	31	82	7	02	2	7	5	5			2								
12	23	9901	015	012	502	14	25	82	4	01	2	4	5	5	0	0	2			13	60	829	0000	016	006
13	02	9908	016	012	504	13	33	82	2	01	1	1	5	5	0	1	9		9						
13	05	9924	013	010	508	12	31	82	7	03	2	0	0	9	0	1			6						
13	08	9939	015	012	503	13	29	83	7	02	2	3	5	6	0	1	1		6						
13	11	9950	015	012	502	13	32	83	7	02	2	1	5	6	0	2	1		6						
13	14	9958	019	015	000	13	28	83	7	02	2	0	0	9	0	8			6						
13	17	9970	019	015	000	13	23	83	7	02	2	0	0	9	0	8			6						
13	20	9970	016	012	502	13	21	83	7	02	2	0	0	9	0	8			6						
13	23	9969	012	009	504	13	23	83	4	01	2	0	0	9	0	8			6	13	46	703	0000	021	011
14	02	9958	013	010	504	13	20	83	0	01	1	0	0	9	0	0									
14	05	9943	011	009	506	13	22	83	2	03	0	0	0	9	0	1			9						
14	08	9927	013	010	504	11	17	82	8	02	2	0	0	9	1			7							
14	11	9911	015	011	000	13	16	83	8	02	2	0	0	9	1			7							
14	14	9895	018	015	003	10	12	83	8	02	2	0	0	9	1			7							
14	17	9866	019	015	003	12	17	83	4	01	2	0	0	9	0	1			9						
14	20	9863	015	012	000	15	21	83	2	01	1	0	0	9	0	1			9						
14	23	9859	012	009	503	16	22	83	1	01	0	0	0	9	0	1			9	15	35	474	0000	019	010
15	02	9851	012	009	504	15	25	83	2	02	1	0	0	9	0	1			9						
15	05	9850	010	007	506	13	27	83	4	03	1	0	0	9	0	2			3						
15	08	9865	009	007	507	13	27	83	6	03	2	0	0	9	0	2			3						
15	11	9875	012	009	504	12	22	83	6	02	2	0	0	9	0	2			2						
15	14	9898	016	012	502	11	19	83	3	01	2	0	0	9	0	1			2						
15	17	9919	013	010	502	09	06	83	4	02	2	0	0	9	0	1			2						
15	20	9939	006	004	508	14	17	83	3	02	2	0	0	9	0	1			2						
15	23	9948	004	002	511	13	28	83	1	02	1	0	0	9	0	1			2	13	44	527	0000	016	004
16	02	9962	003	001	512	13	33	83	0	02	0	0	0	9	0	0									
16	05	9967	002	000	513	13	32	83	1	02	0	0	0	9	0	1			9						
16	08	9980	004	002	511	13	28	83	2	03	1	0	0	9	0	2			9						
16	11	9987	010	007	505	14	21	83	3	02	1	3	5	6	0	0	2								
16	14	9989	013	010	502	14	17	83	6	03	1	6	5	7	0	0	2								
16	17	9990	013	010	502	13	20	83	7	02	2	7	5	7			3								
16	20	9987	012	009	502	13	16	83	7	02	2	7	5	7			3								
16	23	9977	013	010	501	13	17	83	8	02	2	8	5	7			3			13	45	602	0000	014	001
17	02	9972	013	010	000	13	15	83	7	02	2	7	5	7			4								
17	05	9959	013	010	501	13	17	83	7	02	2	7	5	7			4								
17	08	9951	014	011	002	13	19	82	7	02	2	7	5	7			7								
17	11	9939	016	013	003	13	17	82	7	02	2	7	5	7			7								
17	14	9932	018	015	005	12	16	82	8	02	2	8	5	7			7								
17	17	9924	019	015	004	12	17	82	7	02	2	7	5	8			6								
17	20	9913	015	012	002	13	23	83	8	02	2	3	5	8	1		6	6							
17	23	9893	017	014	005	13	25	82	8	70	2	8	5	8			6			13	36	510	0000	019	012
18	02	9874	017	014	005	12	31	82	8	02	2	8	5	7			6								
18	05	9859	018	015	006	12	36	82	8	02	2	8	5	7			2								
18	08	9845	018	015	006	12	36	82	8	02	2	8	5	7			2								
18	11	9839	020	017	008	13	37	82	8	02	2	8	5	7			2								
18	14	9835	021	018	009	13	41	82	8	02	2	8	5	8			2								
18	17	9830	021	017	008	13	44	81	8	05	2	8	5	7			2								
18	20	9838	020	017	007	12	40	81	8	05	2	8	5	7			2								
18	23	9861	021	017	006	13	34	81	8	05	2	8	5	7			2			13	62	940	0000	021	017

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	02	9859	021	017	006	12	29	82	8	02	2	8	5	7			2								
19	05	9860	018	015	003	11	16	82	8	02	2	0	0	7	3			2							
19	08	9862	016	013	000	14	22	82	6	02	2	0	0	9	3	0		2							
19	11	9860	017	014	001	13	20	83	3	01	2	0	0	9	3	1		2	4						
19	14	9851	020	016	004	13	22	83	0	01	2	0	0	9	0	0									
19	17	9848	020	016	005	11	11	83	1	03	2	0	0	9	0	1			6						
19	20	9847	014	011	001	14	15	83	1	02	1	0	0	9	0	1			6						
19	23	9838	012	010	502	14	19	83	0	01	1	0	0	9	0	0				13	45	544	0000	022	011
20	02	9823	011	008	503	12	17	83	1	02	0	1	2	7	0	0									
20	05	9826	007	005	505	12	16	83	2	02	1	2	5	7	0	0	6								
20	08	9821	009	007	504	13	18	83	1	02	1	1	5	8	0	0	6								
20	11	9811	013	010	502	13	17	83	2	03	1	2	5	7	0	0	6								
20	14	9809	016	013	001	13	17	83	2	02	1	1	5	7	0	0	6								
20	17	9809	015	012	000	13	17	83	2	02	1	1	5	7	0	0	6								
20	20	9805	008	006	505	13	21	83	1	02	1	1	5	7	0	0	6								
20	23	9807	009	006	506	14	18	83	1	02	0	1	5	7	0	0	6			13	30	464	0000	016	007
21	02	9812	008	005	508	15	16	83	1	02	1	1	5	7	0	0	6								
21	05	9810	003	001	510	16	21	83	1	02	1	1	5	7	0	0	6								
21	08	9809	003	001	510	16	18	83	2	03	1	1	5	7	0	1	6		6						
21	11	9811	009	006	506	14	10	83	2	03	1	1	5	7	0	0	6								
21	14	9805	010	007	505	12	12	83	4	03	2	1	5	7	0	0	6								
21	17	9802	011	009	505	00	00	83	8	02	2	2	5	6			6								
21	20	9804	008	006	505	13	12	82	8	02	2	2	5	6			6								
21	23	9810	007	005	506	14	16	82	8	02	2	2	5	6			6			15	28	351	0000	012	002
22	02	9811	004	002	509	13	20	82	7	02	2	7	5	6			6								
22	05	9815	003	001	509	14	18	83	3	01	2	3	5	6	0	0	7								
22	08	9821	002	000	510	15	17	83	1	01	1	2	5	6	0	0	7								
22	11	9831	005	003	508	14	17	83	2	02	1	2	5	6	0	0	7								
22	14	9842	010	008	502	13	11	83	2	02	1	2	5	6	0	0	7								
22	17	9846	011	009	501	12	03	83	7	03	1	2	5	6			7								
22	20	9858	010	008	501	13	02	83	7	02	2	7	5	6			7								
22	23	9868	007	005	504	15	16	83	8	02	2	8	5	6			7			15	28	334	0000	011	001
23	02	9874	003	001	509	15	21	83	1	01	2	1	5	6	0	0									
23	05	9889	003	001	510	14	20	83	1	02	2	1	5	6	0	0									
23	08	9898	001	501	513	15	29	83	1	02	2	1	5	7	0	0	4								
23	11	9919	005	003	510	15	22	83	0	01	2	0	5	7	0	0	5								
23	14	9938	011	008	504	25	10	83	0	02	2	0	5	9	0	0									
23	17	9943	011	009	504	15	09	83	0	02	2	0	5	9	0	0									
23	20	9957	004	002	508	16	15	83	1	02	0	1	5	7	0	0	5								
23	23	9962	001	501	512	15	19	83	7	03	1	7	5	7			5			15	38	447	0000	012	000
24	02	9965	004	002	510	15	09	83	5	02	2	4	5	7	0	0	5								
24	05	9962	005	003	508	29	01	81	8	02	2	8	5	7			5								
24	08	9959	005	003	509	15	12	82	4	05	2	1	5	7	0	1	5		6						
24	11	9952	009	007	506	23	02	83	0	01	2	0	5	9	0	0									
24	14	9953	014	011	501	00	00	83	0	02	2	0	5	9	0	0									
24	17	9950	017	013	501	00	00	83	0	02	2	0	5	9	0	0									
24	20	9933	009	007	504	14	04	83	7	03	2	0	0	9	0	6			6						
24	23	9919	006	004	508	11	17	83	8	02	2	0	0	9	0	7			6	11	31	215	0000	017	000
25	02	9890	008	006	505	07	16	80	8	05	2	3	0	9	0	7			6						
25	05	9817	008	007	502	12	45	00		39	3	3													
25	08	9809	009	007	501	12	40	00		39	3	3													
25	11	9825	009	008	504	14	38	00		39	3	3													
25	14	9883	014	012	505	13	15	80	8	05	2	3	8	6	7		3								
25	17	9917	013	011	502	13	15	82	8	02	2	2	8	6	7		3								
25	20	9939	011	009	500	12	18	83	8	02	2	2	8	5	7		3								
25	23	9945	008	006	504	14	16	83	7	02	2	2	7	5	7		3			12	62	731	0000	014	007
26	02	9934	007	005	506	13	20	83	8	02	2	6	1	5	7		3								
26	05	9929	006	004	506	15	17	83	3	01	2	1	1	5	7	1	5		6						
26	08	9921	007	005	506	13	19	83	8	03	2	1	2	5	8	2	6		6						
26	11	9914	011	008	506	11	12	83	6	02	2	1	0	5	9	2			6						
26	14	9913	013	010	502	09	16	83	6	03	2	1	0	5	8	0			6						
26	17	9909	010	008	503	12	08	83	6	03	2	1	0	5	9	0	5								
26	20	9906	011	009	502	15	05	83	7	02	2	1	0	5	8	0	5								
26	23	9898	007	005	504	15	12	83	2	01	1	2	5	5	8	0	5			13	35	384	0000	014	003
27	02	9893	004	002	506	15	16	83	0	02	0	0	1	5	9	0	1								
27	05	9882	003	001	508	15	16	83	3	03	0	1	1	5	7	0	4		6						
27	08	9876	002	000	509	15	13	83	5	02	1	1	1	5	7	0	4		6						
27	11	9863	004	002	509	13	16	83	7	03	1	1	1	5	7	0	4		6						
27	14	9858	008	006	504	13	14	83	2	01	1	1	1	5	7	0	4		6						
27	17	9857	008	006	507	11	09	83	1	02	1	1	1	5	6	0	4								
27	20	9850	003	001	510	15	17	83	0	01	1	1	1	5	5	0									
27	23	9843	501	503	514	14	19	83	0	02	0	0	0	5	5	0				15	33	390	0000	009	502

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	02	9831	503	504	515	15	25	83	1	02	1	1	5		0	0									
28	05	9818	503	504	515	13	24	83	1	02	1	1	5		0	0									
28	08	9805	503	504	515	15	17	83	1	02	1	1	5		0	0									
28	11	9792	500	502	512	15	24	83	0	01	1	0	0	9	0	0									
28	14	9784	007	005	508	17	02	83	0	02	C	0	0	9	0	0									
28	17	9786	006	003	510	15	16	83	0	02		0	0	9	0	0									
28	20	9792	501	503	514	16	22	83	0	02	C	0	0	9	0	0									
28	23	9799	502	503	515	16	19	83	0	02	C	0	0	9	0	0				15	40	416	0000	008	504
29	02	9812	503	504	515	16	17	83	5	03	1	5	5	7	0	0	6								
29	05	9822	501	503	513	16	21	83	5	02	2	5	5	7	0	0	6								
29	08	9810	008	005	506	13	26	81	8	03	2	8	5	7			6								
29	11	9789	010	008	000	14	42	16		39	3														
29	14	9758	013	012	009	14	47	00		39	3														
29	17	9742	019	018	015	15	49	00		39	3														
29	20	9734	019	018	016	12	60	00		39	3														
29	23	9759	018	017	016	12	52	00		39	3									12	73	981	0000	019	503
30	02	9788	017	017	015	12	50	00		39	3														
30	05	9810	017	016	015	13	47	00		39	3														
30	08	9834	017	016	015	13	44	00		39	3														
30	11	9834	017	016	015	13	40	00		39	3														
30	14	9853	018	017	014	13	30	40	8	38	3	5	5	6	2		2								
30	17	9857	018	016	011	12	24	81	6	15	3	5	5	6	0	8	2		9						
30	20	9858	015	013	008	13	19	82	2	01	2	1	5	6	0	8	2		9						
30	23	9854	016	014	008	13	20	82	7	03	1	7	5	6			2			13	54	944	0000	019	014
31	02	9847	016	014	008	13	15	83	8	02	2	8	5	6			2								
31	05	9835	015	013	006	12	19	83	4	02	2	2	5	6	0	8	2		6						
31	08	9810	014	012	005	13	22	83	5	02	2	3	5	6	3	8	2	2	6						
31	11	9794	016	014	007	12	16	83	7	03	2	6	5	6		1	2		6						
31	14	9768	019	016	007	11	16	83	2	01	2	1	5	6	0	1	2		6						
31	17	9749	016	013	007	12	16	83	3	02	1	1	5	6	0	1	2		6						
31	20	9728	016	014	008	11	22	83	8	03	1	8	5	6			2								
31	23	9727	015	014	010	12	30	40	8	36	2	8	5	6			2			13	41	547	0000	019	011

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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
01	02	9730	015	014	011	13	35	02	8	36	3	8	5	6			2								
01	05	9746	013	011	008	13	36	02	8	36	3	8	5	6			2								
01	08	9758	014	012	008	13	30	08	8	38	3	8	5	6			2								
01	11	9780	015	013	006	13	27	81	8	02	3	8	5	6			2								
01	14	9807	016	013	007	13	17	82	8	02	2	8	5	7			2								
01	17	9819	016	013	006	13	15	82	8	02	2	8	5	7			2								
01	20	9831	013	011	003	13	15	82	8	02	2	8	5	7			2								
01	23	9844	012	011	003	13	16	82	8	70	2	8	5	7			2			14	52	623	0000	017	011
02	02	9852	011	009	002	13	17	82	8	02	7	8	5	7			9								
02	05	9863	012	010	002	14	16	82	8	02	2	8	5	7			9								
02	08	9875	011	009	000	15	11	82	8	02	2	8	5	7			9								
02	11	9888	009	008	006	14	14	04	8	71	7	8	5	7			6								
02	14	9902	008	007	003	13	17	81	8	36	3	8	5	7			6								
02	17	9909	007	006	001	14	17	81	8	36	3	8	5	6			6								
02	20	9915	006	005	000	15	26	24	8	36	3	8	5	6			6								
02	23	9915	006	004	503	15	22	24	8	36	3	8	5	6			6			15	37	472	0000	012	005
03	02	9915	006	005	504	15	18	82	8	02	3	8	5	6			6								
03	05	9917	006	005	503	15	17	82	8	02	2	8	5	6			6								
03	08	9915	006	005	502	15	12	83	8	02	2	8	5	6			6								
03	11	9912	008	006	504	13	09	83	7	01	2	1	5	6	0	8	6		6						
03	14	9914	007	005	507	14	16	83	7	02	2	0	0	9	0	8			6						
03	17	9906	008	006	508	14	17	83	6	03	2	5	5	7	0	1	6		6						
03	20	9897	007	005	507	14	22	83	2	01	2	2	5	7	0	0	6								
03	23	9897	006	004	508	13	23	83	0	02	1	0	0	9	0	0				13	36	453	0000	009	004
04	02	9906	007	005	509	14	16	83	8	02	2	8	5	7			6								
04	05	9923	007	005	508	16	05	83	8	02	2	0	0	9	3		6								
04	08	9933	006	004	509	00	00	83	1	02	2	0	0	9	3	0	6								
04	11	9949	007	005	507	00	00	83	4	02	1	0	0	9	3	1		6	6						
04	14	9960	009	007	504	00	00	83	3	02	1	0	0	9	3	1		6	6						
04	17	9974	007	005	506	00	00	83	7	03	1	0	0	9	3	1		6	6						
04	20	9983	005	003	507	12	03	83	8	02	2	0	0	9	3			6							
04	23	9994	005	003	505	13	08	83	7	02	2	0	0	9	3			6		14	32	205	0000	010	003
05	02	9997	004	003	504	13	06	83	1	02	2	0	0	9	3	0		6							
05	05	9993	002	001	505	14	11	83	1	02	0	1	5	7	3	0	6								
05	08	9982	001	000	507	14	11	83	2	02	0	1	5	7	3	0	6		6						
05	11	9970	000	001	508	13	22	83	5	02	1	1	5	7	3	0	1	6							
05	14	9950	003	002	502	13	17	83	5	02	1	4	5	5	3	0	2	5							
05	17	9922	002	001	504	14	21	83	5	02	1	3	5	5	3	0	2	5							
05	20	9898	001	501	510	14	17	83	1	02	1	1	5	6	0	0									
05	23	9878	001	501	512	12	19	83	1	02	0	1	5	6	0	0				12	33	414	0000	005	502
06	02	9868	500	501	509	00	00	83	1	02	0	1	5	6	0	0									
06	05	9864	000	501	508	34	05	83	1	02	0	1	5	7	0	0		5							
06	08	9856	501	503	510	16	07	83	1	02	0	1	5	7	0	0		5							
06	11	9848	000	501	510	15	08	83	1	02	0	1	5	7	0	0		5							
06	14	9845	003	001	507	14	05	83	7	03	1	7	5	6				6							
06	17	9837	003	002	507	13	07	83	1	01	2	1	5	6	0	0		7							
06	20	9831	503	504	514	12	17	83	1	02	0	1	5	6	0	0		7							
06	23	9833	001	501	506	17	06	83	0	02	0	1	0	9	0	0				13	23	214	0000	005	503
07	02	9831	501	503	512	15	11	83	0	02	0	0	0	9	0	0									
07	05	9828	503	504	513	15	12	83	0	02	0	0	0	9	0	0									
07	08	9845	504	505	514	15	12	83	0	02	0	0	0	9	0	0									
07	11	9864	501	503	513	14	06	83	2	03	0	0	0	9	0	5			6						
07	14	9879	000	501	511	08	09	83	8	03	2	8	5	6			4								
07	17	9846	501	501	503	13	40	00		39	2														
07	20	9763	001	001	501	12	64	00		39	3														
07	23	9759	003	003	001	10	67	00		39	3									11	83	622	0000	003	505
08	02	9793	005	004	003	11	67	00		39	3														
08	05	9810	007	006	004	12	67	00		39	3														
08	08	9838	007	007	004	13	62	00		39	3														
08	11	9850	009	007	003	12	65	00		39	3														
08	14	9899	012	011	008	14	39	00		39	3														
08	17	9949	013	013	009	14	35	00		39	3														
08	20	9981	015	014	011	13	25	00		39	3														
08	23	0010	015	014	011	12	20	16	8	73	3	8	5	5			2					067	0026	015	003
09	02	0019	017	015	013	12	15	40	8	71	3	8	5	5			2								
09	05	0032	018	017	013	07	06	40	8	71	3	8	5	5			2								
09	08	0027	019	018	014	04	09	24	8	71	7	8	5	5			2								
09	11	0021	015	014	009	08	17	40	8	70	7	8	5	5			2								
09	14	0007	017	015	010	11	33	08	8	38	3	8	5	5			2								
09	17	0030	014	013	009	04	15	40	8	05	3	8	6	6			2								
09	20	0025	015	014	011	10	25	24	8	38	2	8	6	5			2								
09	23	0014	017	016	014	11	34	00		39	3									12	48	515	0025	021	013

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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	02	9994	017	016	015	12	45	00		39	3														
10	05	9995	018	017	016	12	40	00		39	3														
10	08	9982	017	017	016	13	43	00		39	3														
10	11	9977	017	017	016	12	38	00		39	3														
10	14	9958	017	017	016	12	45	00		39	3														
10	17	9952	019	019	018	13	44	00		39	3														
10	20	9960	021	020	019	13	42	00		39	3														
10	23	9965	022	021	018	13	34	00		39	3									12	58	078	0013	023	017
11	02	9978	022	020	016	13	33	00		39	3														
11	05	9979	022	020	016	13	35	00		38	3														
11	08	9977	022	020	015	13	28	80	8	36	3	8	5	5			2								
11	11	9950	021	019	016	12	35	80	8	36	3	8	0	9	1		2								
11	14	9914	020	019	016	12	37	80	8	36	3	8	6	7			2								
11	17	9888	020	019	017	11	39	16		39	3														
11	20	9856	018	018	017	12	50	00		39	3														
11	23	9814	018	018	017	12	56	00		39	3									12	69	944	0034	023	018
12	02	9791	017	017	016	12	59	00		39	3														
12	05	9778	016	016	015	12	61	00		39	3														
12	08	9765	017	016	016	12	60	00		39	3														
12	11	9776	017	017	016	13	60	00		39	3														
12	14	9785	018	018	017	13	58	00		39	3														
12	17	9794	021	019	017	13	52	00		39	3														
12	20	9817	022	020	014	13	48	40	8	36	3	8	6	6			2								
12	23	9858	023	020	012	13	48	80	8	05	2	8	6	6			2			13	77	404	0075	023	016
13	02	9886	022	019	011	14	44	81	8	02	2	8	6	6			2								
13	05	9907	025	021	012	13	32	81	8	02	2	8	6	6			2								
13	08	9943	021	017	008	13	23	81	8	15	2	8	6	6			2								
13	11	9953	021	018	010	12	23	81	8	16	2	8	6	6			2								
13	14	9955	021	018	010	13	21	82	8	02	2	5	5	7	7		3								
13	17	9949	019	016	008	12	23	82	8	02	2	5	6	7	7		3								
13	20	9939	017	015	007	13	21	82	5	01	2	5	6	7	0	0	3								
13	23	9927	016	014	006	13	21	82	8	02	2	8	6	7			3			13	63	669	0052	025	016
14	02	9903	016	014	006	12	23	82	8	02	2	8	6	7			3								
14	05	9885	014	012	006	13	19	82	8	02	2	8	6	6			2								
14	08	9865	011	010	007	12	29	80	8	36	2	8	6	6			2								
14	11	9846	012	011	006	13	33	40	8	38	3	8	6	7			2								
14	14	9826	012	011	007	13	34	24	8	36	3	8	6	7			2								
14	17	9838	012	010	002	13	35	81	6	01	2	1	5	8	3	2	2								
14	20	9853	009	008	003	09	25	83	1	02	1	1	5	8	0	0	2								
14	23	9835	012	009	000	15	39	83	1	02	0	1	5	8	0	0	2			13	52	749	0000	016	009
15	02	9843	011	009	501	12	36	83	0	02	0	0	0	9	0	0									
15	05	9846	013	011	001	13	22	83	0	02	0	0	0	9	0	0									
15	08	9857	009	007	502	12	28	83	0	02	0	0	0	9	0	0									
15	11	9870	010	008	501	13	23	83	0	02	0	0	0	9	0	0									
15	14	9881	013	011	001	15	18	83	1	03	0	0	0	9	0	1			4						
15	17	9891	014	011	501	15	11	83	1	02	0	0	0	9	0	1			4						
15	20	9894	009	007	503	13	34	83	0	02	0	0	0	9	0	0									
15	23	9903	009	007	502	12	17	83	0	02	0	0	0	9	0	0				13	59	559	0000	015	009
16	02	9897	015	013	003	13	25	83	8	03	0	8	6	6			2								
16	05	9902	016	013	004	13	32	82	8	02	2	8	6	6			2								
16	08	9897	018	015	006	13	35	82	8	02	2	8	6	6			2								
16	11	9899	019	015	006	13	38	82	8	02	2	8	6	7			2								
16	14	9905	019	016	007	13	33	82	8	02	2	5	6	7	2		2								
16	17	9907	019	016	007	13	35	82	8	02	2	6	5	6	1		2								
16	20	9912	019	016	007	13	31	82	8	02	2	8	5	6			2								
16	23	9913	019	016	007	13	31	82	8	02	2	8	5	6			?			13	49	805	0000	020	009
17	02	9914	018	015	005	13	31	82	5	01	2	5	5	6	0	0	2								
17	05	9912	017	014	004	13	28	82	5	02	2	5	5	7	0	0	2								
17	08	9912	018	015	005	13	24	83	7	02	2	7	5	7			3								
17	11	9912	019	015	005	13	25	83	8	02	2	8	5	8			3								
17	14	9909	017	015	005	13	25	83	7	01	2	6	5	8	0	1	3								
17	17	9904	016	013	003	13	28	83	5	02	2	5	5	8	0	0	3								
17	20	9896	013	011	501	13	25	83	2	01	2	2	5	8	0	0	3								
17	23	9891	012	010	001	13	28	83	2	02	1	2	5	8	0	0	3			13	45	651	0000	019	011
18	02	9884	011	009	501	13	21	83	0	01	1	0	0	9	0	0									
18	05	9872	009	007	502	14	17	83	0	02	0	0	0	9	0	0									
18	08	9871	007	006	501	15	18	83	1	03	0	0	0	9	0	1			8						
18	11	9867	008	006	504	16	16	83	4	03	1	0	0	9	0	2			8						
18	14	9862	009	007	503	14	16	83	6	03	2	0	0	9	0	2			8						
18	17	9863	008	006	504	16	10	83	6	02	2	0	0	9	0	2			8						
18	20	9862	005	004	506	13	15	83	2	01	2	0	0	9	0	1			8						
18	23	9865	004	002	507	15	18	83	4	03	1	0	0	9	1	2			8	13	35	423	0000	013	003

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
19	02	9865	006	004	505	15	12	83	8	02	2	0	0	9	2										
19	05	9864	006	004	506	14	16	83	2	01	2	0	0	9	3	0		4							
19	08	9864	004	002	508	13	13	83	4	02	1	0	0	9	3	0		4							
19	11	9864	005	003	507	16	12	83	7	03	1	0	0	9	3	0		5							
19	14	9866	007	005	505	14	11	83	2	01	1	0	0	9	3	0		5							
19	17	9866	005	003	506	14	11	83	5	03	2	0	0	9	3	0		5							
19	20	9864	003	001	508	13	15	83	2	02	2	0	0	9	3	0		5							
19	23	9867	001	000	509	15	11	83	0	02	1	0	0	9	0	0				15	24	316	0000	007	001
20	02	9865	002	001	511	00	00	83	0	02	0	0	0	9	0	0									
20	05	9864	002	000	510	15	08	83	0	02	0	0	0	9	0	0									
20	08	9856	004	002	510	16	09	83	0	02	0	0	0	9	0	0									
20	11	9856	005	003	508	00	00	83	0	02	0	0	0	9	0	0									
20	14	9852	009	007	505	13	22	83	0	02	0	0	0	9	0	0									
20	17	9847	008	006	504	13	28	83	0	02	0	0	0	9	0	0									
20	20	9852	008	006	504	14	21	83	0	02	0	0	0	9	0	0									
20	23	9856	008	006	504	13	24	83	0	02	0	0	0	9	0	0				13	37	322	0000	010	001
21	02	9857	002	001	508	15	24	83	0	02	0	0	0	9	0	0									
21	05	9855	002	000	510	15	16	83	0	02	0	0	0	9	0	0									
21	08	9850	004	002	510	15	26	83	1	02	0	1	5	8	0	0	6								
21	11	9848	005	003	508	16	24	83	1	03	1	1	0	9	3	1		6	6						
21	14	9839	009	007	505	16	19	83	1	01	1	1	5	7	0	0	6								
21	17	9829	008	006	504	15	13	83	2	02	1	2	5	7	0	0	6								
21	20	9819	008	006	504	13	16	83	3	03	1	1	5	7	3	0	6	6							
21	23	9783	008	006	504	15	19	83	3	01	1	0	0	9	3	0		6		15	33	459	0000	008	502
22	02	9780	004	002	508	14	17	83	3	02	1	0	0	9	3	0		6							
22	05	9782	004	002	509	14	25	83	5	03	1	5	8	7	0	0	6								
22	08	9785	003	002	509	12	26	83	8	02	2	8	6	6			2								
22	11	9788	004	002	509	14	26	81	8	05	2	8	6	6			2								
22	14	9791	004	002	509	13	25	80	8	70	2	8	6	6			2								
22	17	9800	004	002	510	12	22	83	6	02	2	6	5	7	0	0	6								
22	20	9813	001	501	513	13	17	83	1	02	2	1	5	7	0	0	6								
22	23	9825	501	503	512	15	10	83	3	02	1	0	0	9	3	0		6		13	36	492	0000	005	501
23	02	9836	501	502	511	13	04	83	8	03	2	0	0	9	1	1		6	6						
23	05	9846	001	501	511	00	00	83	8	02	2	0	0	9	1			6							
23	08	9849	000	501	511	13	11	83	8	02	2	4	5	6	2		6	6							
23	11	9857	500	501	510	14	14	83	8	02	2	0	0	9	7			6							
23	14	9866	501	502	513	13	22	83	8	02	2	0	0	9	7			6							
23	17	9863	502	504	513	14	25	83	8	02	2	0	4	7	7			6							
23	20	9845	503	504	514	13	37	82	8	02	3	8	6	7			6								
23	23	9799	001	500	507	13	38	81	8	36	3	8	5	7			6			13	52	395	0000	011	503
24	02	9755	010	009	004	14	33	80	8	38	3	8	5	6			6								
24	05	9712	011	010	005	13	46	24	8	38	3	8	5	5			2								
24	08	9673	011	010	006	13	57	08	8	38	3	8	5	5			2								
24	11	9676	014	013	008	13	50	08	8	38	3	8	5	5			2								
24	14	9713	013	012	011	13	35	08																	
24	17	9732	012	011	009	13	39	00																	
24	20	9751	014	012	005	13	37	24	8	02	3	8	5	5			2								
24	23	9768	013	011	003	13	33	32	8	02	2	8	5	5			2			13	74	065	0000	015	501
25	02	9790	013	011	006	13	25	64	8	02	2	8	5	5			2								
25	05	9807	012	010	006	13	19	83	1	02	2	1	5	6	0	0	2								
25	08	9825	012	011	006	10	12	83	8	15	2	8	5	6			2								
25	11	9837	011	009	003	13	17	83	5	01	2	1	5	6	3	0	2	8							
25	14	9853	013	011	006	10	14	83	6	02	1	4	5	6	3	0	2	8							
25	17	9868	010	009	004	11	10	83	7	02	2	5	5	6	3		2	8							
25	20	9880	010	009	005	11	10	83	8	02	2	8	5	6			2								
25	23	9898	012	010	004	14	09	83	8	02	2	8	5	6			2			12	38	408	0002	013	009
26	02	9912	009	008	003	12	04	83	3	01	2	0	0	9	3	0									
26	05	9931	001	000	506	16	30	83	0	02	0	0	0	9	0	0									
26	08	9951	504	505	509	15	37	81	0	36	0	0	0	9	0	0									
26	11	9972	001	500	507	14	25	83	2	03	0	0	0	9	0	5			6						
26	14	9994	005	004	506	14	18	81	8	05	1	0	0	9	7	7			6						
26	17	0007	005	003	507	15	20	82	8	05	2	0	0	9	7	7			6						
26	20	0091	031	000	53	13	19	82	8	02	2	0	0	9	0	7			6						
26	23	0020	013	010	505	12	24	82	8	02	2	0	0	9	0	7			6	15	47	522	0000	015	504
27	02	0028	012	009	501	09	19	82	8	05	2	1	5	6	0	7	6		6						
27	05	9995	009	007	000	11	41	81	8	36	2	4	5	6	2		2								
27	08	9979	013	011	004	12	40	81	8	36	2	8	5	6			2								
27	11	9966	015	013	009	12	41	81	8	38	3	8	5	6			2								
27	14	9940	016	015	012	12	47	08		38	3														
27	17	9921	015	015	014	13	50	00		39	3														
27	20	9903	015	015	014	13	55	00		39	3														
27	23	9883	015	015	015	13	58	00		39	3									13	75	075	0000	016	008

Results of Surface Observations,
MAWSON — Apr., 1956

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	9882	016	016	016	12	55	00		39	3														
28	05	9882	017	017	016	12	57	00		39	3														
28	08	9882	016	016	016	12	58	00		39	3														
28	11	9896	017	017	017	12	56	00		39	3														
28	14	9917	018	017	014	12	51	00		39	3														
28	17	9940	019	017	012	12	48	04		39	3														
28	20	9965	018	017	014	12	40	08		38	3														
28	23	9979	020	018	013	10	35	81	3	02	3	3	5	6	0	0				12	70	357	0066	022	015
29	02	0000	024	019	003	12	33	83	8	02	2	5	6	6	3										
29	05	0092	001	060	04	14	41	83	6	02	2	3	5	7	3	0	3	3							
29	08	0047	022	018	003	15	14	83	2	02	1	0	0	9	3	1		3	4						
29	11	0036	026	020	001	27	18	83	4	02	1	0	0	9	0	2			5						
29	14	0050	025	019	000	26	14	83	1	01	1	0	0	9	0	8			6						
29	17	0058	021	017	004	00	00	83	5	03	1	0	0	9	0	8			6						
29	20	0048	019	016	003	00	00	83	2	01	1	0	0	9	0	8			6						
29	23	0042	018	014	001	22	04	83	1	02	1	0	0	9	0	1			6	15	60	466	0020	028	016
30	02	0041	017	013	001	19	08	83	0	01	1	0	0	9	0	0			6						
30	05	0036	014	011	501	17	25	83	0	02	0	0	0	9	0	0									
30	08	0040	014	011	502	19	14	83	0	02	0	0	0	9	0	0									
30	11	0051	015	012	501	00	00	83	2	03	0	0	0	9	0	5			5						
30	14	0077	016	013	501	21	17	83	2	03	0	0	0	9	0	5			5						
30	17	0109	011	009	504	17	19	83	7	03	1	0	0	9	0	6			5						
30	20	0128	013	010	501	21	17	83	0	01	1	0	0	9	0	0									
30	23	0145	010	008	502	00	00	83	0	02	0	0	0	9	0	0				19	31	245	0000	020	010

Results of Surface Observations,
MAWSON — May, 1956

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	0174	011	009	501	00	00	83	0	02	0	0	0	9	0	0								
01	05	0186	010	008	503	12	29	83	1	03	0	0	0	9	0	1			6					
01	08	0209	010	007	503	16	21	83	4	03	1	0	0	9	0	1			6					
01	11	0223	011	009	502	14	16	83	8	03	1	0	0	9	2			6						
01	14	0241	011	010	002	26	07	83	8	02	2	0	0	9	2			6						
01	17	0248	009	007	001	00	00	83	8	02	2	0	0	9	2			6						
01	20	0239	012	010	001	09	09	83	4	01	2	0	0	9	2	0		6						
01	23	0229	015	012	001	14	21	83	2	01	1	0	0	9	1	0		6		12	35	325	0000	015	008
02	02	0225	014	012	003	25	05	83	0	02	1	0	0	9	0	0								
02	05	0211	013	011	004	18	11	83	1	03	0	0	0	9	1	0								
02	08	0197	012	010	002	16	10	83	5	03	1	0	0	9	1	0		3						
02	11	0180	018	015	001	13	21	83	5	02	2	1	5	7	7	5	3	3	4					
02	14	0166	020	016	001	18	22	83	4	02	2	0	0	9	7	0		3						
02	17	0121	017	014	001	16	42	83	2	01	2	0	0	9	7	0		3						
02	20	0095	021	017	003	15	25	83	0	02	1	0	0•	9	0	0								
02	23	0075	021	017	003	16	31	83	0	02	0	0	0	9	0	0				16	57	471	0000	022	013
03	02	0065	019	016	004	16	28	83	0	02	0	0	0	9	0	0								
03	05	0070	017	013	501	15	06	83	0	02	0	0	0	9	0	0								
03	08	0049	013	011	503	09	13	83	0	02	0	0	0	9	0	0								
03	11	0049	013	010	502	14	26	83	0	02	0	0	0	9	0	0								
03	14	0045	012	009	502	23	08	83	0	02	0	1	5	8	0	0								
03	17	0033	008	006	505	18	25	83	0	02	0	1	5	8	0	0								
03	20	0023	008	006	505	15	18	83	0	02	0	1	5	8	0	0								
03	23	0025	006	004	507	14	19	83	0	02	0	1	5	8	0	0				15	41	466	0000	022	006
04	02	0021	003	002	508	15	17	83	0	02	0	1	5	8	0	0								
04	05	0025	001	000	509	13	17	83	0	02	0	0	0	9	0	0								
04	08	0015	001	501	511	09	09	83	0	02	0	0	0	9	0	0								
04	11	0010	002	501	511	25	04	83	0	02	0	0	0	9	0	0								
04	14	0003	005	003	509	11	25	83	0	02	0	0	0	9	0	0								
04	17	0004	001	501	511	15	17	83	0	02	0	0	0	9	0	0								
04	20	0005	001	501	512	13	25	83	0	02	0	0	0	9	0	0								
04	23	0016	001	500	509	14	16	83	0	02	0	0	0	9	0	0				12	33	381*	0000	007	000
05	02	0023	500	501	510	14	22	83	0	02	0	0	0	9	0	0								
05	05	0027	004	002	506	13	23	83	0	02	0	0	0	9	0	0								
05	08	0042	002	000	510	14	24	83	0	02	0	0	0	9	0	0								
05	11	0047	002	000	510	15	24	83	0	02	0	0	0	9	0	0								
05	14	0047	003	001	508	15	26	83	0	02	0	0	0	9	0	0								
05	17	0056	004	002	508	15	25	83	0	02	0	0	0	9	0	0								
05	20	0057	004	002	509	13	26	83	0	02	0	0	0	9	0	0								
05	23	0056	000	501	511	14	24	83	0	02	0	0	0	9	0	0				15	41	525	0000	006	501
06	02	0047	500	502	511	15	31	83	0	02	0	0	0	9	0	0								
06	05	0042	501	502	514	15	31	83	0	02	0	0	0	9	0	0								
06	08	0039	502	503	513	15	37	83	0	02	0	0	0	9	0	0								
06	11	0030	502	503	513	15	31	83	0	02	0	0	0	9	0	0								
06	14	0023	006	004	507	13	31	83	0	02	0	0	0	9	0	0								
06	17	0023	001	500	512	16	30	83	0	02	0	0	0	9	0	0								
06	20	0014	005	003	511	13	28	83	0	02	0	0	0	9	0	0								
06	23	9994	010	007	505	13	38	83	0	02	0	0	0	9	0	0				13	52	757	0000	010	503
07	02	9991	012	010	501	13	33	83	06	02	0	0	0	9	0	0								
07	05	9991	014	011	003	13	31	83	6	03	1	6	6	7	0	0	2							
07	08	9985	017	014	004	13	42	83	6	02	2	6	6	7	0	0	2							
07	11	0015	014	012	002	14	25	83	6	02	2	6	6	7	0	0	2							
07	14	0024	011	009	501	14	35	83	4	01	2	4	6	7	0	0	2							
07	17	0038	008	006	504	15	30	83	2	01	2	2	6	7	0	0	2							
07	20	0040	011	009	502	04	03	83	0	02	1	0	0	9	0	0								
07	23	0030	010	008	502	25	04	83	0	02	0	0	0	9	0	0				13	56	694	0000	018	008
08	02	0026	010	007	505	15	28	83	0	02	0	0	0	9	0	0								
08	05	0014	005	003	507	15	36	83	0	02	0	0	0	9	0	0								
08	08	9996	004	002	508	15	35	83	0	02	0	0	0	9	0	0								
08	11	9966	004	002	509	15	36	83	0	02	0	0	0	9	0	0								
08	14	9953	005	004	506	15	31	83	0	02	0	0	0	9	0	0								
08	17	9931	003	001	508	15	33	83	0	02	0	0	0	9	0	0								
08	20	9904	010	008	502	14	23	83	1	03	0	1	5	7	0	0	3							
08	23	9906	012	009	501	13	28	85	2	02	1	2	5	7	0	0	3			15	52	659	0000	014	003
09	02	9903	011	009	000	13	25	83	2	02	1	2	5	7	0	0	3								
09	05	9908	012	010	002	13	25	83	7	03	1	7	5	7			2								
09	08	9917	014	012	004	14	26	83	7	02	2	3	5	7	3		2	2							
09	11	9938	013	011	003	12	23	83	4	01	2	3	5	7	3	0	2	2							
09	14	9953	016	014	007	12	23	83	6	03	1	2	5	7	3	0	2	2							
09	17	9961	014	012	005	12	27	83	6	02	2	4	5	7	3	0	2	2							
09	20	9980	018	015	008	10	20	83	8	03	2	8	5	7			2								
09	23	9972	015	013	007	10	19	83	1	01	2	1	5	7	0	0	2			12	38	602	0000	018	010

Results of Surface Observations,
MAWSON — May, 1956

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	02	9940	019	016	009	11	35	83	2	02	1	2	5	6	0	0	2								
10	05	9939	019	017	011	12	41	83	7	03	1	7	5	6			2								
10	08	9940	019	016	007	12	50	83	7	02	2	7	5	6			2								
10	11	9943	022	018	008	13	44	83	7	02	2	5	5	6	1		2								
10	14	9937	022	018	007	13	39	83	7	02	2	5	5	6	1		2								
10	17	9936	020	017	004	13	37	83	3	01	2	1	5	6	3	0	2								
10	20	9936	019	015	003	12	35	83	0	02	1	0	0	9	0	0									
10	23	9940	018	014	001	13	31	83	0	02	0	0	0	9	0	0				13	70	910	0000	023	015
11	02	9935	009	007	504	15	33	83	1	03	1	1	5	6	0	0	2								
11	05	9933	004	002	507	15	39	83	1	02	1	1	5	6	0	0	2								
11	08	9933	001	501	507	15	37	83	0	01	1	0	0	9	0	0									
11	11	9935	502	503	508	15	42	82	0	38	0	0	0	9	0	0									
11	14	9942	501	502	508	14	37	83	0	02	0	0	0	9	0	0									
11	17	9950	001	500	507	15	34	83	0	02	0	0	0	9	0	0									
11	20	9962	006	004	504	13	23	82	0	02	0	0	0	9	0	0									
11	23	9974	009	007	501	12	20	83	0	02	0	0	0	9	0	0				15	60	794	0000	018	502
12	02	9998	009	007	000	10	17	83	3	02	1	3	5	7	0	0									
12	05	0005	010	008	001	13	21	83	5	03	1	5	5	7	0	0									
12	08	0012	012	010	003	12	18	83	8	03	1	8	5	7			3								
12	11	0023	012	010	003	12	19	83	8	02	2	8	5	7			3								
12	14	0024	013	012	005	12	24	82	8	15	2	8	5	7			2								
12	17	0010	014	013	007	12	25	82	8	26	3	6	5	7			2								
12	20	9970	014	014	012	12	39	84	8	36	7	8	5	5			2								
12	23	9915	015	015	014	12	55	00		39	7									12	63	625	0000	016	005
13	02	9895	015	015	015	12	55	00		39	3														
13	05	9855	014	014	014	12	58	00		39	3														
13	08	9825	015	015	015	12	60	00		39	3														
13	11	9801	014	014	014	12	60	00		39	3														
13	14	9799	014	013	013	12	58	00		39	3														
13	17	9825	014	013	013	12	52	00		39	3														
13	20	9818	015	015	015	12	54	00		39	3														
13	23	9816	016	016	016	12	54	00		39	3											445	0066	016	014
14	02	9799	019	018	018	13	52	00		39	3														
14	05	9792	020	019	015	13	52	32	8	02	3	8	5	6			2								
14	08	9790	021	018	007	13	55	81	8	36	3	8	5	6			2								
14	11	9800	021	017	007	13	50	80	8	15	2	8	5	6			2								
14	14	9811	021	017	007	13	47	81	8	15	2	8	5	6			2								
14	17	9825	021	017	007	13	39	81	8	16	2	8	5	6			2								
14	20	9855	017	016	012	11	29	81	2	38	1	2	5	6	0	0	2								
14	23	9864	018	016	010	12	25	80	4	70	7	4	5	6	0	0	2					059	0094	022	016
15	02	9865	017	015	007	12	23	80	5	02	3	5	5	6	0	0	2								
15	05	9861	016	013	007	14	20	83	4	02	2	4	5	6	0	0	1								
15	08	9862	015	013	006	16	09	80	8	02	2	8	5	6			1								
15	11	9863	014	012	004	13	21	81	8	02	2	8	5	6			1								
15	14	9870	013	011	003	14	17	81	8	02	2	8	5	6			1								
15	17	9864	012	010	003	14	25	81	8	02	2	7	5	6	2		2								
15	20	9865	010	008	000	14	25	83	2	01	2	2	5	6	0	0	2								
15	23	9862	008	006	501	14	28	83	0	02	0	0	0	9	0	0						490	0000	018	008
16	02	9863	007	006	000	13	31	83	3	03	0	3	5	7	0	0	2								
16	05	9869	006	005	502	13	31	80	6	36	2	6	5	7	0	0	2								
16	08	9872	006	004	504	13	31	83	3	02	2	3	5	7	0	0	2								
16	11	9876	004	003	505	14	26	83	7	02	2	3	5	7	1		2								
16	14	9867	004	003	504	14	31	81	7	36	2	3	5	7	1		2								
16	17	9859	004	003	504	14	30	83	4	01	2	4	5	7	0	0	2								
16	20	9860	004	003	504	14	31	81	2	36	1	2	5	7	0	0	2								
16	23	9859	005	003	506	12	28	83	0	02	1	0	0	9	0	0				13	41	675	0000	008	004
17	02	9859	005	003	505	14	20	83	0	02	0	0	0	9	0	0									
17	05	9859	002	001	507	14	20	83	0	02	0	0	0	9	0	0									
17	08	9864	002	000	508	14	17	83	1	03	0	0	0	9	0	0		5							
17	11	9873	002	000	510	13	17	83	6	03	1	0	0	9	1	0		5							
17	14	9882	001	500	510	13	20	83	6	02	2	0	0	9	1	0		5	5						
17	17	9887	500	502	513	13	23	83	5	02	2	0	0	9	1	0		5	5						
17	20	9889	503	505	515	13	30	83	1	01	2	0	0	9	1	0		5							
17	23	9890	504	505	516	13	31	83	0	02	0	0	0	9	0	0				13	39	522	0000	006	005
18	02	9882	505	506	516	13	33	83	0	02	0	0	0	9	0	0									
18	05	9882	503	504	516	12	21	83	0	02	0	0	0	9	0	0									
18	08	9873	504	505	516	16	23	83	0	02	0	0	0	9	0	0									
18	11	9858	505	506	515	15	19	83	0	02	0	0	0	9	0	0									
18	14	9838	505	506	515	15	19	83	0	02	0	0	0	9	0	0									
18	17	9817	506	507	515	16	19	83	0	02	0	0	0	9	0	0									
18	20	9798	505	506	515	17	19	83	0	02	0	0	0	9	0	0									
18	23	9780	507	508	516	16	26	83	0	02	0	0	0	9	0	0				13	39	512	0000	502	507

Results of Surface Observations, MAWSON – May, 1956

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
19	02	9769	507	507	517	16	12	83	0	02	0	0	9	9	0	0									
19	05	9764	507	508	517	16	13	83	0	02	0	0	9	9	0	0									
19	08	9763	509	510	518	15	18	83	0	02	0	0	9	9	0	0									
19	11	9768	507	507	517	15	19	83	0	02	0	0	9	9	0	0									
19	14	9779	507	508	518	12	28	83	0	02	0	0	9	9	0	0									
19	17	9798	507	508	518	13	29	83	0	02	0	0	9	9	0	0									
19	20	9812	507	509	518	14	20	83	1	02	1	1	5	7	0	0	3								
19	23	9826	508	509	519	13	24	83	6	03	1	6	5	7	0	0	3			13	35	452	0000	505	509
20	02	9843	509	510	518	13	23	83	5	02	2	5	5	7	0	0	3								
20	05	9863	509	510	516	15	20	82	7	70	2	7	5	7			6								
20	08	9879	511	511	519	13	26	83	3	02	2	3	5	7	0	0	6								
20	11	9897	510	511	518	13	22	83	4	02	2	4	5	7	0	0	6								
20	14	9917	510	511	519	13	21	83	2	01	2	2	5	7	0	0	6								
20	17	9931	514	515	522	15	24	83	1	01	1	1	5	7	0	0	6								
20	20	9947	513	514	522	14	16	83	0	02	0	0	0	9	0	0									
20	23	9954	512	513	519	14	05	83	0	02	0	0	0	9	0	0				13	31	445	0000	508	514
21	02	9954	513	514	521	13	07	83	0	02	0	0	0	9	0	0									
21	05	9952	511	512	520	00	00	83	0	02	0	0	0	9	0	0									
21	08	9949	512	513	521	14	09	83	0	02	0	0	0	9	0	0									
21	11	9949	511	512	521	16	09	83	1	03	0	0	0	9	0	5			6						
21	14	9944	511	512	521	12	05	83	7	03	0	0	0	9	0	6			6						
21	17	9934	510	511	519	15	23	83	2	01	2	0	0	9	0	8			6						
21	20	9904	505	506	516	14	22	83	2	02	0	0	0	9	0	8			6						
21	23	9878	503	505	515	12	25	83	8	02	1	0	0	9	0	7			6	13	35	304	0000	503	514
22	02	9807	001	501	512	12	38	83	8	02	2	0	0	9	2			6							
22	05	9743	004	003	509	13	47	81	8	05	2	0	0	9	2			6							
22	08	9690	006	006	003	13	52	04	8	38	2	0	0	9	2			6							
22	11	9655	006	006	005	12	60	00		39	3														
22	14	9636	008	008	007	12	63	00		39	3														
22	17	9638	008	008	007	13	68	00		39	3														
22	20	9663	009	009	007	13	60	00		39	3														
22	23	9692	009	009	008	13	35	00		39	3											257	0000	009	503
23	02	9709	009	009	009	13	28	00		39	3														
23	05	9722	010	010	009	12	28	00		39	3														
23	08	9738	009	009	009	11	30	00		39	3														
23	11	9758	010	010	008	11	36	00		39	3														
23	14	9782	011	010	007	11	38	00		39	3														
23	17	9816	011	010	006	12	31	16	8	38	3	8	5	6			2								
23	20	9844	011	010	005	11	26	81	8	02	3	8	5	6			3								
23	23	9862	011	010	003	11	24	83	8	02	2	8	5	8			3					773	0081	012	009
24	02	9883	011	009	003	12	17	83	8	02	2	8	5	8			3								
24	05	9898	009	008	003	12	21	83	8	02	2	8	5	7			3								
24	08	9906	007	006	000	12	25	83	3	01	2	7	5	7			3								
24	11	9914	008	007	003	11	19	81	8	03	2	8	5	7			3								
24	14	9920	008	006	000	11	19	81	8	02	2	8	5	7			2								
24	17	9920	007	006	001	11	19	81	8	70	2	8	5	7			2								
24	20	9916	007	007	002	12	16	81	8	71	2	8	5	7			2								
24	23	9908	007	006	000	12	17	81	8	22	7	8	5	7			2			12	29	437	0000	011	006
25	02	9905	006	005	501	12	19	82	8	02	2	8	5	7			2								
25	05	9898	006	005	501	12	16	82	8	02	2	8	5	7			3								
25	08	9885	005	004	503	12	19	82	8	02	2	8	5	7			3								
25	11	9875	005	003	502	12	15	82	8	02	2	8	5	7			3								
25	14	9867	004	003	504	11	17	82	7	02	2	7	5	7			3								
25	17	9857	003	002	504	13	11	82	7	02	2	7	5	7			3								
25	20	9840	503	504	510	14	21	83	1	01	2	1	5	7	0	0	3								
25	23	9819	505	506	511	15	25	83	0	02	0	0	0	9	0	0				15	32	361	0000	007	505
26	02	9808	505	506	511	15	17	83	0	02	0	0	0	9	0	0									
26	05	9792	502	503	510	13	11	83	1	03	0	0	0	9	3	0		5							
26	08	9782	506	507	513	14	27	83	1	02	0	0	0	9	3	0		5							
26	11	9781	505	506	512	14	22	83	1	02	0	0	0	9	3	0		5							
26	14	9792	509	509	515	15	29	83	1	02	0	1	5	7	0	0	5								
26	17	9804	510	511	517	15	24	83	1	02	0	1	5	7	0	0	5								
26	20	9822	509	509	516	14	21	83	1	02	0	1	5	7	0	0	5								
26	23	9843	509	510	518	12	28	83	0	02	0	0	0	9	0	0				16	38	461	0000	501	511
27	02	9856	509	510	519	13	26	83	0	02	0	0	0	9	0	0									
27	05	9866	510	511	520	12	28	83	0	02	0	0	0	9	0	0									
27	08	9865	509	510	519	13	25	83	0	02	0	0	0	9	0	0									
27	11	9864	510	511	519	13	17	83	0	02	0	0	0	9	0	0									
27	14	9855	511	511	520	12	25	83	0	02	0	0	0	9	0	0									
27	17	9850	512	513	521	13	27	83	0	02	0	0	0	9	0	0									
27	20	9844	513	514	522	12	23	83	0	02	0	0	0	9	0	0									
27	23	9839	508	509	516	12	26	83	0	36	0	0	0	9	0	0				12	34	530	0000	507	514

Results of Surface Observations,
MAWSON – May, 1956

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND													DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD AMOUNT	LOW CLOUD TYPE	LOW CLOUD BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	02	9824	505	506	514	12	31	82	0	36	3	0	0	9	0	0									
28	05	9821	506	507	513	12	40	16	00	38	3	0	0	9	0	0									
28	08	9822	503	505	512	14	26	82	0	36	3	0	0	9	0	0									
28	11	9821	505	506	510	13	33	82	0	36	3	0	0	9	0	0									
28	14	9828	506	507	512	13	29	82	0	36	3	0	0	9	0	0									
28	17	9829	505	506	515	14	22	83	2	02	1	2	0	7	0	0	2								
28	20	9831	504	505	511	12	26	82	0	36	1	0	0	7	0	0									
28	23	9828	502	503	507	12	37	81	3	38	3	3	6	7	0	0	2			12	44	652	0000	502	508
29	02	9825	003	002	505	12	26	83	8	02	3	8	5	7			2								
29	05	9825	007	005	501	12	26	83	8	36	2	8	5	7			3								
29	08	9828	007	005	501	12	31	81	6	36	2	8	0	9	3	0		1							
29	11	9834	007	006	501	12	29	80	8	36	3	8	0	5	2		1								
29	14	9837	009	007	501	12	25	81	8	02	3	8	0	9	7			1							
29	17	9845	010	008	501	12	28	81	6	01	2	6	5	6	0	0	3								
29	20	9855	011	009	000	12	26	83	2	01	2	2	5	6	0	0	3								
29	23	9870	010	008	502	14	19	83	2	02	0	2	5	7	0	0	3			12	42	687	0000	012	503
30	02	9873	010	008	502	13	29	83	0	02	0	0	0	9	0	0									
30	05	9880	009	007	503	15	20	83	3	03	0	3	5	7	0	0	3								
30	08	9878	009	007	506	16	26	83	8	03	2	2	5	7	3		3	2							
30	11	9876	012	009	501	13	26	83	8	02	2	2	5	7	1		3	2							
30	14	9867	012	009	501	13	29	83	8	02	2	4	5	5	1		2	2							
30	17	9852	012	010	002	12	27	83	8	02	2	6	5	5	1		2	2							
30	20	9830	014	013	008	13	28	24	8	36	2	8	5	5			2								
30	23	9805	014	013	011	12	41	04		38	3									12	48	715	0000	014	007
31	02	9800	012	011	009	12	45	00		38	3														
31	05	9801	012	011	006	12	45	08	8	38	3	8	5	6			2								
31	08	9838	012	011	007	12	29	80	8	38	3	8	5	6			2								
31	11	9846	014	012	004	13	26	83	8	02	3	8	5	7			2								
31	14	9861	013	011	002	12	21	83	8	02	2	8	5	7			3								
31	17	9867	011	010	002	12	21	83	4	01	2	4	5	7	0	0	3								
31	20	9870	011	009	000	12	23	83	1	01	1	1	5	7	0	0	3								
31	23	9881	010	008	501	12	20	83	1	01	1	1	5	7	0	0	3			12	60	761	0000	015	010

Results of Surface Observations, MAWSON — Jun., 1956

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	9888	010	008	502	13	16	83	8	03	1	8	5	7			3								
01	05	9891	008	006	503	13	17	83	8	02	2	8	5	7			3								
01	08	9888	009	007	502	13	16	83	8	02	2	8	5	7			3								
01	11	9882	008	006	503	12	19	83	8	02	2	8	5	7			3								
01	14	9881	004	003	507	12	23	83	8	02	2	6	5	7	1		3	3							
01	17	9880	000	501	510	12	25	83	2	01	2	2	5	7	0	0	3								
01	20	9872	501	502	511	13	19	83	0	02	0	0	5	9	0	0									
01	23	9855	504	505	514	13	22	83	0	02	0	0	0	9	0	0				12	30	487	0000	011	504
02	02	9844	504	505	514	15	20	83	0	02	0	0	0	9	0	0									
02	05	9831	504	505	515	14	13	83	0	02	0	0	0	9	0	0									
02	08	9823	507	508	518	15	16	83	0	02	0	0	0	9	0	0									
02	11	9817	508	509	519	13	29	83	8	03	0	8	5	7			2								
02	14	9817	505	506	513	12	19	80	8	76	2	8	5	6			1								
02	17	9830	508	509	520	00	00	83	5	01	2	5	5	6	0	0	1								
02	20	9839	514	515	524	14	26	83	1	02	1	1	5	6	0	0									
02	23	9851	514	515	524	14	21	83	0	02	0	0	0	9	0	0				13	35	452	0000	502	515
03	02	9860	515	516	526	13	22	83	0	02	0	0	0	9	0	0									
03	05	9869	513	514	524	13	19	83	0	02	0	0	0	9	0	0									
03	08	9882	513	514	524	13	16	83	0	02	0	0	0	9	0	0									
03	11	9890	514	515	524	12	22	83	0	02	0	0	0	9	0	0									
03	14	9886	516	517	526	12	19	83	0	02	0	0	0	9	0	0									
03	17	9887	515	516	525	12	18	83	0	02	0	0	0	9	0	0									
03	20	9882	516	516	526	12	18	83	0	02	0	0	0	9	0	0									
03	23	9871	516	516	526	13	15	83	0	02	0	0	0	9	0	0				15	33	481	0000	511	517
04	02	9855	516	517	526	15	17	83	0	02	0	0	0	9	0	0									
04	05	9852	515	515	524	30	05	83	0	02	0	0	0	9	0	0									
04	08	9840	514	515	524	00	00	83	0	02	0	0	0	9	0	0									
04	11	9833	513	514	523	23	06	83	0	02	0	0	0	9	0	0									
04	14	9831	513	514	524	18	07	83	0	02	0	0	0	9	0	0									
04	17	9824	515	515	526	26	07	83	0	02	0	0	0	9	0	0									
04	20	9804	512	513	519	15	20	83	0	02	0	0	0	9	0	0									
04	23	9800	513	513	521	15	20	83	0	02	0	0	0	9	0	0				13	31	291	0000	511	517
05	02	9803	513	513	521	14	15	83	0	02	0	0	0	9	0	0									
05	05	9801	514	515	522	15	17	83	0	02	0	0	0	9	0	0									
05	08	9806	517	517	524	15	17	83	0	02	0	0	0	9	0	0									
05	11	9812	514	515	522	15	06	83	0	02	0	0	0	9	0	0									
05	14	9824	512	513	521	22	03	83	0	02	0	0	0	9	0	0									
05	17	9835	510	511	519	13	13	83	0	02	0	0	0	9	0	0									
05	20	9843	510	511	519	14	17	83	0	02	0	0	0	9	0	0									
05	23	9856	510	511	519	13	21	83	0	02	0	0	0	9	0	0				13	31	336	0000	509	517
06	02	9866	509	509	517	14	24	83	0	02	0	0	0	9	0	0									
06	05	9881	509	509	517	13	25	83	0	02	0	0	0	9	0	0									
06	08	9912	508	509	517	13	25	83	0	02	0	0	0	9	0	0									
06	11	9929	510	511	519	14	23	83	0	02	0	0	0	9	0	0									
06	14	9946	509	510	520	14	25	83	0	02	0	0	0	9	0	0									
06	17	9966	510	511	521	14	22	83	0	02	0	0	0	9	0	0									
06	20	9977	512	513	521	14	23	83	0	02	0	0	0	9	0	0									
06	23	9989	512	513	521	14	21	83	0	02	0	0	0	9	0	0				13	37	581	0000	506	513
07	02	9997	514	515	522	15	21	83	0	02	0	0	0	9	0	0									
07	05	0009	515	516	524	24	06	83	0	02	0	0	0	9	0	0									
07	08	0011	513	514	523	00	00	83	0	02	0	0	0	9	0	0									
07	11	0012	515	515	524	10	07	83	0	02	0	0	0	9	0	0									
07	14	0015	516	516	524	14	19	83	0	02	0	0	0	9	0	0									
07	17	0016	516	517	524	17	14	83	1	03	0	0	0	9	1	0									
07	20	0017	514	515	522	00	00	83	0	02	0	0	0	9	0	0									
07	23	0006	513	514	522	00	00	83	0	02	0	0	0	9	0	0				14	30	293	0000	511	517
08	02	9993	511	512	520	25	05	83	0	02	0	0	0	9	0	0									
08	05	9962	507	508	518	09	14	83	8	03	0	8	5	7			1								
08	08	9916	507	508	517	05	13	83	8	02	2	8	5	7			1								
08	11	9829	506	507	513	10	40	01		37	2														
08	14	9737	005	005	004	11	52	00		39	3														
08	17	9687	005	005	003	12	63	00		39	3														
08	20	9666	007	006	005	12	60	00		39	3														
08	23	9650	007	007	006	12	60	00		39	3												0000	007	514
09	02	9655	009	008	006	13	50	00		39	3														
09	05	9646	011	010	006	14	53	00		39	3														
09	08	9665	009	009	004	15	40	08		38	3														
09	11	9690	010	009	005	14	35	12		35	3														
09	14	9698	012	010	003	16	26	81	8	05	3	8	5	5			3								
09	17	9725	011	010	006	00	00	81	8	70	2	8	6	5			3								
09	20	9737	011	009	501	00	00	82	8	02	7	8	6	5			3								
09	23	9758	008	007	005	08	11	81	8	71	2	8	6	5			3					599	0038	013	007

Results of Surface Observations,
MAWSON — Jun., 1956

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	9780	007	005	000	11	22	81	8	05	7	8	6	5			3								
10	05	9810	007	006	000	13	16	81	8	02	2	8	5	5			3								
10	08	9831	007	005	501	13	17	81	8	02	2	8	5	5			3								
10	11	9857	007	005	501	12	21	80	8	70	2	8	5	5			3								
10	14	9879	005	003	504	13	17	83	3	01	2	1	5	5	1	1	5								
10	17	9903	004	003	505	15	15	83	3	02	2	2	5	5	0	1	5								
10	20	9915	001	501	511	14	17	83	0	01	1	0	0	9	0	0									
10	23	9926	002	001	507	14	17	83	0	02	0	0	0	9	0	0				12	27	464	0013	009	500
11	02	9947	002	001	508	14	18	83	0	02	0	0	0	9	0	0									
11	05	9959	000	501	509	15	20	83	0	02	0	0	0	9	0	0									
11	08	9975	000	501	509	14	21	83	7	03	1	7	5	7			3								
11	11	9984	501	502	511	12	26	83	7	02	2	7	5	6			3								
11	14	9992	000	501	511	12	28	83	8	02	2	1	5	6	7		3	6							
11	17	9991	501	503	512	12	35	83	2	01	2	1	5	6	7	0	2	6							
11	20	0000	501	502	508	12	26	82	6	03	3	6	5	6	0	0	2								
11	23	9976	001	500	506	11	35	24	8	38	3	8	5	6			2			11	46	653	0000	003	503
12	02	9969	002	001	503	12	32	16	8	38	3	8	5	6			2								
12	05	9950	003	002	501	12	40	04		38	3														
12	08	9919	005	004	003	11	48	00		39	3														
12	11	9916	005	005	003	11	44	00		39	3														
12	14	9909	007	006	005	11	44	00		39	3														
12	17	9885	007	007	006	11	52	00		39	3														
12	20	9879	009	008	007	11	49	00		39	3														
12	23	9874	009	009	008	12	48	00		39	3											112	0004	010	001
13	02	9883	009	009	006	12	50	00		39	3														
13	05	9882	009	007	003	12	48	00		39	3														
13	08	9887	009	007	501	13	47	80	8	05	3	8	5	6			2								
13	11	9897	008	006	504	13	45	81	8	05	2	8	5	6			2								
13	14	9898	005	004	000	13	47	24	8	36	2	8	5	5			2								
13	17	9918	008	006	505	12	40	40	8	05	3	6	5	5			2								
13	20	9924	009	007	503	12	30	80	4	02	2	4	5	6	0	0	2								
13	23	9932	005	004	505	12	39	80	4	02	2	4	5	5	0	0	2					983	0050	010	004
14	02	9939	004	002	506	12	34	81	0	05	1	0	0	9	0	0									
14	05	9940	004	003	507	12	34	81	0	36	0	0	0	9	0	0									
14	08	9942	004	002	507	12	35	81	0	36	0	0	0	9	0	0									
14	11	9949	003	001	507	12	35	81	5	03	1	5	5	6	0	0	2								
14	14	9955	006	004	506	12	34	81	7	02	2	7	5	5			2								
14	17	9952	007	005	504	12	32	81	7	02	2	7	5	6			2								
14	20	9956	008	006	504	12	28	81	8	02	2	8	5	6			2								
14	23	9959	008	006	501	11	25	81	8	70	2	8	5	6			2			12	43	807	0002	009	003
15	02	9947	011	008	501	12	37	82	8	02	2	8	5	6			2								
15	05	9950	010	009	000	12	35	81	8	38	2	8	5	6			2								
15	08	9948	012	009	000	12	37	81	8	38	3	2	5	6	0	0	2								
15	11	9950	012	010	001	12	39	81	8	05	3	6	5	6	2		2								
15	14	9943	012	010	001	12	39	64	7	05	2	7	5	6			2								
15	17	9955	010	008	000	12	37	81	5	05	2	5	5	6	0	0	2								
15	20	9958	009	007	501	12	35	81	7	05	1	7	5	6			2								
15	23	9957	012	010	002	12	31	61	8	38	2	8	5	6			2			12	50	903	0000	013	008
16	02	9958	012	011	007	12	26	80	8	36	3	8	5	6											
16	05	9957	012	011	006	12	28	16	8	36	3	8	5	6			3								
16	08	9961	011	009	002	12	26	40	3	15	3	3	5	6	0	0	3								
16	11	9961	006	005	503	14	25	81	6	02	2	2	5	6	3	0	3	3							
16	14	9947	006	004	503	13	19	83	0	01	2	0	0	9	0	0									
16	17	9943	003	002	505	15	17	83	0	02	0	0	0	9	0	0									
16	20	9913	008	006	505	19	21	83	1	02	0	1	5	7	0	0									
16	23	9881	005	003	504	16	35	83	0	02	0	0	0	9	0	0				15	51	623	0000	013	002
17	02	9856	006	004	503	15	39	83	0	02	0	0	0	9	0	0									
17	05	9861	005	004	502	20	24	83	0	02	0	0	0	9	0	0									
17	08	9858	011	008	504	16	29	83	1	02	0	1	5	7	0	0	3								
17	11	9863	008	006	505	15	33	83	7	03	1	7	5	7			3								
17	14	9853	013	010	502	13	28	83	6	02	2	4	5	7	1	0	3								
17	17	9863	012	010	001	12	31	83	7	02	2	7	5	7			3								
17	20	9868	014	012	005	12	33	83	8	02	2	8	6	7			3								
17	23	9873	017	015	006	12	39	81	8	36	2	8	6	7			3			13	48	772	0000	016	004
18	02	9879	017	015	007	12	42	80	8	38	3	8	6	7			3								
18	05	9880	018	015	004	12	44	80	6	38	3	7	5	7			3								
18	08	9891	020	016	005	12	37	82	7	02	3	7	5	7			3								
18	11	9907	021	017	004	12	25	83	8	02	2	8	5	7			2								
18	14	9902	022	018	006	12	28	83	8	14	2	8	6	7			2								
18	17	9912	021	017	006	12	26	82	8	22	2	8	6	7			2								
18	20	9914	019	016	003	12	30	83	8	02	2	8	5	7			2								
18	23	9926	018	015	004	13	28	83	8	02	2	8	5	7			2			12	60	842	0000	022	016

Results of Surface Observations,
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LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND																	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	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	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	9940	016	013	002	12	29	83	7	02	2	7	5	7			2								
19	05	9953	017	014	005	12	25	82	7	02	2	7	5	7			3								
19	08	9964	015	013	002	13	22	81	7	01	2	7	5	6	0	0	3								
19	11	9976	015	012	003	13	21	82	7	03	2	7	5	6			3								
19	14	9911	020	090	51	15	19	84	5	01	1	1	5	7	3	1	3	3	2						
19	17	9999	010	008	502	13	22	84	1	02	1	1	5	7	0	0	3								
19	20	0009	009	007	506	13	22	84	1	02	1	1	5	7	0	0	3								
19	23	0010	011	008	503	15	20	84	1	02	1	0	0	9	0	0				12	43	588	0000	018	008
20	02	0014	009	007	503	15	17	84	0	02	1	0	0	9	0	0									
20	05	0023	007	005	505	00	00	84	0	02	1	0	0	9	0	0									
20	08	0015	005	003	506	15	05	84	0	02	1	0	0	9	0	0									
20	11	0004	003	001	509	15	17	84	0	02	1	0	0	9	0	0									
20	14	0001	002	000	59	35	02	84	1	03	1	0	0	9	0	1									
20	17	9997	500	501	509	08	04	84	0	02	1	0	0	9	0	0									
20	20	0000	000	500	510	20	05	84	0	02	1	0	0	9	0	0									
20	23	9998	001	500	508	15	14	84	1	03	1	0	0	9	0	5				15	32	233	0000	012	502
21	02	9994	002	000	510	15	11	84	2	02	0	0	0	9	0	5									
21	05	9987	501	502	509	11	04	84	2	02	1	0	0	9	0	8									
21	08	9975	505	505	510	10	03	84	0	02	1	0	0	9	0	0									
21	11	9968	504	504	510	13	04	84	1	02	1	0	0	9	0	1									
21	14	9974	002	000	511	11	10	84	2	03	1	0	0	9	3	1		5	5						
21	17	9996	002	001	507	00	00	84	4	03	1	0	0	9	3	1		5	5						
21	20	0004	006	004	507	00	00	84	4	01	1	0	0	9	0	1			5						
21	23	0008	003	001	506	00	00	84	4	03	1	0	0	9	0	5			5	19	17	109	0000	007	505
22	02	0013	007	005	505	19	10	84	7	02	2	0	0	9	0	7									
22	05	0018	007	005	505	16	14	84	2	02	0	0	0	9	0	8									
22	08	0015	007	005	504	00	00	84	0	02	0	0	0	9	0	0									
22	11	0009	006	004	504	13	06	84	3	03	1	0	0	9	0	7									
22	14	0013	004	003	506	08	02	84	5	02	2	0	0	9	3	8		6	6						
22	17	0009	002	001	506	00	00	84	6	02	2	0	0	9	3	8		6	6						
22	20	0009	002	001	501	00	00	80	8	70	2	0	0	9	1			6							
22	23	9998	002	002	000	23	03	80	8	71	7	0	0	9	1			6		15	17	097	0000	010	001
23	02	0001	001	001	000	00	00	08	8	71	7	0	0	9	1										
23	05	9991	001	001	000	23	04	04	8	73	7	0	0	9											
23	08	9992	001	001	000	12	05	08	8	73	7	0	0	9											
23	11	9989	001	001	000	23	06	04	8	73	7	0	0	9											
23	14	9982	003	003	002	10	17	04	8	73	7	0	0	9	2										
23	17	9978	004	004	002	34	13	04	8	73	7	0	0	9	2										
23	20	9945	005	005	004	11	35	00	8	73	7	0	0	9	2										
23	23	9929	007	007	006	13	36	00		39	7									12	40	321	0014	007	001
24	02	9908	009	009	008	12	38	00		30	3														
24	05	9888	011	011	010	12	33	00		38	3														
24	08	9855	012	011	010	13	40	00		38	3														
24	11	9812	015	014	013	13	45	00		39	3														
24	14	9764	015	014	013	13	49	00		39	3														
24	17	9721	018	017	015	13	49	00		39	3														
24	20	9701	018	017	015	13	44	00		39	3														
24	23	9694	016	015	013	13	39	00		38	3									13	60	110	0014	019	007
25	02	9687	016	014	009	13	44	00		38	3														
25	05	9681	016	013	004	13	40	81	8	02	3	8	5	6			2								
25	08	9692	017	014	004	14	35	81	8	02	2	8	5	6			2								
25	11	9705	015	013	004	13	28	82	8	02	2	8	5	6			2								
25	14	9725	015	013	002	13	25	82	8	02	2	8	5	7			2								
25	17	9752	014	011	001	13	21	83	7	02	2	7	5	7			2								
25	20	9772	010	008	501	14	20	83	4	01	2	3	5	7	3	0	2								
25	23	9792	009	007	503	13	28	83	1	02	1	0	5	7	0	0	2			13	59	761	0035	017	008
26	02	9821	009	007	502	13	24	83	0	02	0	0	0	9	0	0									
26	05	9838	007	005	504	14	21	83	1	02	0	0	0	9	0	8									
26	08	9854	006	005	505	13	25	83	1	02	0	0	0	9	8	8		6							
26	11	9880	006	004	505	13	26	83	1	02	0	0	0	9	8	8		6							
26	14	9900	005	003	506	13	26	83	2	02	0	0	0	9	8	8	3	6							
26	17	9922	005	003	506	13	22	83	2	02	0	0	0	9	8	8	3	6							
26	20	9932	005	003	507	13	25	83	0	02	0	0	0	9	8	8									
26	23	9946	004	002	507	13	25	83	1	03	1	0	0	9	0	0	3			15	33	589	0000	009	003
27	02	9961	005	003	505	15	21	83	8	02	2	5	5	9			3								
27	05	9963	006	005	502	14	21	83	8	02	2	5	5	6			2								
27	08	9968	007	005	503	13	25	83	8	02	2	5	5	6			2								
27	11	9968	006	005	502	14	20	83	8	02	2	5	5	6			2								
27	14	9943	006	005	502	13	30	82	8	02	2	5	5	5			2								
27	17	9919	007	006	000	11	33	82	8	02	2	5	5	5											
27	20	9834	008	008	007	11	50	00		38	3														
27	23	9782	008	008	007	11	55	00		39	3											733	0000	008	003

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	02	9740	007	006	006	12	55	00		39	3														
28	05	9743	005	005	005	12	62	00		39	3														
28	08	9730	005	005	005	12	67	00		39	3														
28	11	9758	005	005	004	12	65	00		39	3														
28	14	9770	005	005	004	13	54	00		39	3														
28	17	9784	005	005	004	12	40	00		39	3														
28	20	9800	006	006	005	13	32	03		38	3														
28	23	9808	006	005	001	13	30	81	8	02	3	8	5	6			3					250	0050	008	005
29	02	9815	006	005	501	13	20	83	4	01	2	4	5	6	0	0	3								
29	05	9821	003	002	504	14	18	83	0	02	1	0	0	9	0	0									
29	08	9827	002	001	505	15	20	83	2	02	0	1	5	7	0	8	4		6						
29	11	9839	001	000	506	14	17	83	8	03	1	3	6	7	7		4	6							
29	14	9850	000	501	507	15	17	83	8	02	2	2	6	7	7	8	4	6	6						
29	17	9864	502	503	508	16	21	83	1	01	1	1	5	7	0	0	4								
29	20	9878	504	505	511	16	25	83	0	02	0	0	0	9	0	0									
29	23	9889	505	506	512	16	24	83	0	02	0	0	0	9	0	0				15	31	438	0045	007	505
30	02	9904	505	506	516	15	25	83	1	03	0	1	5	7	0	0									
30	05	9911	505	505	512	15	23	83	4	03	1	4	5	7	0	0	3								
30	08	9909	502	503	509	15	21	83	7	02	2	7	5	7			3								
30	11	9905	001	500	509	14	22	81	8	02	2	8	5	7			3								
30	14	9889	503	503	509	13	35	40	8	36	2	8	5	7			3								
30	17	9876	505	505	509	13	31	80	7	36	3	7	5	7			3								
30	20	9857	502	503	508	13	33	40	8	36	3	6	5	7			3								
30	23	9838	502	503	506	13	31	40	8	36	3	0	0	9	0	0				13	44	636	0000	002	506

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
01	02	9827	502	503	508	13	26	80	0	36	3	0	0	9	0	0									
01	05	9823	503	504	510	13	25	83	0	02	0	0	0	9	0	0									
01	08	9817	504	505	511	13	29	81	0	36	3	0	0	9	0	0									
01	11	9817	505	506	513	14	19	83	1	02	3	1	5	7	0	0	4								
01	14	9818	509	509	515	15	12	83	1	02	0	1	5	7	0	0	4								
01	17	9815	515	515	520	15	22	83	0	01	1	0	0	9	0	0									
01	20	9809	515	515	520	15	22	83	0	02	0	0	0	9	0	0									
01	23	9803	517	517	523	15	24	83	0	02	0	0	0	9	0	0				13	43	515	0002	501	517
02	02	9798	514	515	519	14	23	83	0	36	0	0	0	9	0	0									
02	05	9800	513	513	518	13	25	40	5	36	3	5	5	5	0	0									
02	08	9801	512	512	515	13	29	24	8	36	3	8	5	5											
02	11	9816	511	512	516	13	33	16	8	38	3	8	5	7			1								
02	14	9827	512	513	517	13	44	16	8	38	3	4	5	7	3	7	2		6						
02	17	9852	513	513	518	13	44	16	8	38	3	2	5	7	0	0	2								
02	20	9878	514	514	518	13	37	16	2	38	3	2	5	7	0	0	2								
02	23	9912	514	514	518	14	25	82	1	36	3	1	5	7	0	0				12	49	722	0000	511	517
03	02	9935	513	513	518	15	24	82	0	02	3	0	0	9	0	0									
03	05	9963	512	513	519	00	00	83	0	02	0	0	0	9	0	0									
03	08	9975	513	514	520	00	00	83	0	02	0	0	0	9	0	0									
03	11	9980	513	513	519	16	11	83	0	02	0	0	0	9	0	0									
03	14	9977	512	513	518	00	00	83	0	02	0	0	0	9	0	0									
03	17	9970	519	519	520	00	00	83	0	02	0	0	0	9	0	0									
03	20	9967	514	515	517	00	00	83	0	02	0	0	0	9	0	0									
03	23	9968	517	517	520	24	05	83	0	02	0	0	0	9	0	0				15	31	180	0000	504	520
04	02	9967	513	513	516	00	00	83	0	02	0	0	0	9	0	0									
04	05	9965	507	508	513	00	00	83	0	02	0	0	0	9	0	0									
04	08	9956	511	511	513	00	00	83	0	02	0	0	0	9	0	0									
04	11	9956	511	511	514	09	03	83	4	03	1	0	0	9	3	0		6							
04	14	9946	510	511	514	00	00	83	8	03	2	0	0	9	1			6							
04	17	9949	506	506	511	00	00	83	8	02	2	0	0	9	2			6							
04	20	9934	507	507	511	00	00	83	8	02	2	0	0	9	2			6							
04	23	9925	506	506	510	00	00	83	4	01	2	0	0	9	2	0		6		15	17	098	0000	502	519
05	02	9926	505	506	511	00	00	83	8	03	2	0	0	9	1			6							
05	05	9922	505	505	512	00	00	83	1	01	2	1	0	9	1	0									
05	08	9895	507	508	511	08	16	83	0	02	0	0	0	9	0	0									
05	11	9883	505	506	510	11	18	81	8	05	2	8	5	7			2								
05	14	9847	509	510	511	08	26	81	8	05	2	8	0	5	2		3								
05	17	9800	004	003	002	14	23	80	8	71	2	8	0	5	2		3								
05	20	9723	004	004	003	16	52	00		39	3														
05	23	9679	005	005	004	15	62	00		39	3									15	72	608	0000	005	509
06	02	9738	005	004	004	14	32	00		39	3														
06	05	9759	003	003	003	14	24	00		39	3														
06	08	9766	002	002	000	14	26	40		38	3														
06	11	9775	002	001	503	15	24	40	8	36	3	8	6	3			3								
06	14	9785	000	501	506	14	20	82	8	01	3	8	5	6			2								
06	17	9786	501	502	507	15	14	82	7	02	3	7	5	7			2								
06	20	9765	501	501	504	15	42	00		39	3														
06	23	9786	000	500	501	15	36	00		38	3									14	52	728	0035	005	502
07	02	9775	001	001	502	15	45	00		39	3														
07	05	9774	004	003	000	15	43	04		38	3														
07	08	9747	007	006	003	16	48	00		39	3														
07	11	9733	009	008	006	15	52	00		39	3														
07	14	9740	010	009	004	15	35	08	8	36	3	8	6	7			2								
07	17	9749	009	008	004	16	28	32	8	36	3	8	6	7			2								
07	20	9745	010	008	001	16	31	80	8	05	3	8	6	6			2								
07	23	9736	009	007	000	16	36	80	8	36	3	8	6	6			2			15	59	920	0010	011	500
08	02	9735	009	008	001	15	31	81	8	02	3	8	6	6			2								
08	05	9724	009	007	000	15	33	81	8	02	2	8	6	6			2								
08	08	9727	007	006	000	15	27	81	8	02	2	8	6	6			2								
08	11	9724	008	007	001	14	38	81	8	36	2	8	6	6			2								
08	14	9746	009	007	001	15	23	81	8	02	3	8	6	6			2								
08	17	9751	007	006	001	14	25	81	7	01	2	7	5	6			2								
08	20	9764	008	006	000	16	24	81	8	02	2	8	6	6			2								
08	23	9773	009	008	501	16	27	81	6	01	2	6	5	6	0	0	2			14	39	661	0003	010	005
09	02	9780	008	006	503	16	25	83	3	01	2	3	5	6	0	0	2								
09	05	9781	005	004	504	17	25	83	0	01	1	0	0	9	0	0									
09	08	9798	007	005	504	27	11	83	0	02	0	0	0	9	0	0									
09	11	9813	002	001	506	18	13	83	5	02	0	2	5	7	0	1	3		1						
09	14	9819	001	500	507	20	11	83	2	02	1	1	5	7	0	1	3		1						
09	17	9819	500	501	507	00	00	83	1	01	1	0	0	9	0	1			1						
09	20	9821	500	501	508	00	00	83	0	02	0	0	0	9	0	0									
09	23	9818	500	501	509	18	19	83	0	02	0	0	0	9	0	0				15	31	321	0000	010	503

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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	02	9807	502	503	510	27	06	83	0	02	0	0	0	9	0	0									
10	05	9784	501	503	511	14	26	83	0	02	0	0	0	9	0	0									
10	08	9776	504	505	511	00	00	83	0	02	0	0	0	9	0	0									
10	11	9774	505	506	512	21	05	83	2	02	0	0	0	9	3	0		8							
10	14	9766	505	506	513	00	00	83	6	03	1	0	0	9	3	1		8							
10	17	9761	506	506	512	00	00	83	2	01	2	0	0	9	3	0		8							
10	20	9765	507	507	515	21	06	83	0	02	0	0	0	9	0	0									
10	23	9758	509	510	515	00	00	83	0	02	0	0	0	9	0	0				14	32	214	0000	002	509
11	02	9758	508	509	514	18	11	83	0	02	0	0	0	9	0	0									
11	05	9756	510	511	518	17	21	83	0	02	0	0	0	9	0	0									
11	08	9756	511	512	518	18	23	83	0	02	0	0	0	9	0	0									
11	11	9748	510	511	518	16	18	83	0	02	0	0	0	9	0	0									
11	14	9742	513	514	521	22	16	83	0	02	0	0	0	9	0	0									
11	17	9740	515	515	522	17	17	83	0	02	0	0	0	9	0	0									
11	20	9738	516	517	522	00	00	83	0	02	0	0	0	9	0	0									
11	23	9738	516	517	524	19	09	83	0	02	0	0	0	9	0	0				17	32	274	0000	506	517
12	02	9736	516	517	524	00	00	83	0	02	0	0	0	9	0	0									
12	05	9742	514	514	520	16	21	83	0	02	0	0	0	9	0	0									
12	08	9751	516	517	524	15	26	83	0	02	0	0	0	9	0	0									
12	11	9753	518	518	527	15	27	83	0	02	0	0	0	9	0	0									
12	14	9755	516	517	526	15	26	83	0	02	0	0	0	9	0	0									
12	17	9751	519	520	526	15	30	83	1	02	0	1	5	7	0	0									
12	20	9753	517	517	527	15	26	83	0	02	0	0	0	9	0	0									
12	23	9761	519	519	526	16	25	83	0	02	0	0	0	9	0	0				15	36	469	0000	513	521
13	02	9769	520	521	528	18	16	83	0	02	0	0	0	9	0	0									
13	05	9767	522	523	530	18	21	83	0	02	0	0	0	9	0	0									
13	08	9764	520	520	528	18	25	83	0	02	0	0	0	9	0	0									
13	11	9755	521	521	529	16	31	63	0	36	0	0	0	9	0	0									
13	14	9763	522	522	528	15	30	81	0	36	3	0	0	9	0	0									
13	17	9775	521	521	526	15	26	81	0	36	3	0	0	9	0	0									
13	20	9795	519	519	524	15	16	83	0	02	3	0	0	9	0	0									
13	23	9815	518	519	525	26	12	83	0	02	0	0	0	9	0	0				14	41	541	0000	517	523
14	02	9819	518	519	525	00	00	83	0	02	0	0	0	9	0	0									
14	05	9823	519	520	525	16	16	83	0	02	0	0	0	9	0	0									
14	08	9823	518	519	523	08	04	83	0	02	0	0	0	9	0	0									
14	11	9814	516	516	522	13	03	83	0	02	0	0	0	9	0	0									
14	14	9816	520	520	523	00	00	83	0	02	0	0	0	9	0	0									
14	17	9816	516	517	522	00	00	83	0	02	0	0	0	9	0	0									
14	20	9818	514	514	520	16	29	83	0	02	0	0	0	9	0	0									
14	23	9817	513	514	519	17	30	83	0	02	0	0	0	9	0	0				17	38	202	0000	511	522
15	02	9832	513	513	519	17	29	83	0	02	0	0	0	9	0	0									
15	05	9838	513	513	519	16	21	83	0	02	0	0	0	9	0	0									
15	08	9850	510	511	517	18	19	83	0	02	0	0	0	9	0	0									
15	11	9858	507	508	515	30	13	83	0	02	0	0	0	9	0	0									
15	14	9876	507	507	516	23	11	83	0	02	0	0	0	9	0	0									
15	17	9896	508	509	516	19	15	83	0	02	0	0	0	9	0	0									
15	20	9912	514	514	520	00	00	83	0	02	0	0	0	9	0	0									
15	23	9923	511	511	519	25	03	83	0	02	0	0	0	9	0	0				18	37	329	0000	505	514
16	02	9928	514	514	520	00	00	83	0	02	0	0	0	9	0	0									
16	05	9938	515	515	522	16	17	83	0	02	0	0	0	9	0	0									
16	08	9926	512	513	519	15	25	83	0	02	0	0	0	9	0	0									
16	11	9926	510	511	519	15	26	83	0	02	0	0	0	9	0	0									
16	14	9924	510	511	519	16	21	83	0	02	0	0	0	9	0	0									
16	17	9930	514	515	522	00	00	83	0	02	0	0	0	9	0	0									
16	20	9930	518	519	525	00	00	83	0	02	0	0	0	9	0	0									
16	23	9915	513	514	521	18	12	83	0	02	0	0	0	9	0	0				14	38	305	0000	509	519
17	02	9904	513	514	521	18	15	83	0	02	0	0	0	9	0	0									
17	05	9890	516	517	522	00	00	83	0	02	0	0	0	9	0	0									
17	08	9860	513	513	521	25	04	83	0	02	0	0	0	9	0	0									
17	11	9849	519	519	524	00	00	83	0	02	0	0	0	9	0	0									
17	14	9840	519	519	524	00	00	83	0	02	0	0	0	9	0	0									
17	17	9848	513	514	520	00	00	83	0	02	0	0	0	9	0	0									
17	20	9855	514	514	520	15	09	83	0	02	0	0	0	9	0	0									
17	23	9861	512	513	519	00	00	83	0	02	0	0	0	9	0	0				24	29	182	0000	511	521
18	02	9882	510	511	518	03	07	83	0	02	0	0	0	9	0	0									
18	05	9912	509	509	514	18	26	83	0	02	0	0	0	9	0	0									
18	08	9945	506	507	512	19	21	83	0	02	0	0	0	9	0	0									
18	11	9982	501	502	507	21	21	81	0	38	3	0	0	9	0	0									
18	14	0003	001	001	502	18	38	00	0	39	3	0	0	9	0	0									
18	17	0015	004	003	001	16	43	00	0	38	3	0	0	9	0	0									
18	20	0008	004	003	000	17	40	08	0	35	3	0	0	9	0	0									
18	23	9992	004	004	002	18	33	08	0	3F	3	0	0	9	0	0				17	56	554	0000	016	515

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	02	9976	009	008	006	17	16	08	0	38	3	0	0	9	0	0									
19	05	9928	005	005	003	17	47	00	0	39	3	0	0	9	0	0									
19	08	9873	006	005	003	16	44	00	0	39	3	0	0	9	0	0									
19	11	9823	006	005	003	16	52	00	0	39	3	0	0	9	0	0									
19	14	9805	007	007	001	15	35	80	0	36	3	0	0	9	0	0									
19	17	9778	009	007	503	15	33	82	0	36	3	0	0	9	0	0									
19	20	9795	007	005	504	15	28	83	0	02	3	0	0	9	0	0									
19	23	9819	006	004	506	15	29	83	0	02	0	0	0	9	0	0				18	64	832	0000	014	004
20	02	9852	008	007	502	14	25	83	8	03	2	8	5	7			2								
20	05	9884	010	008	000	12	19	83	8	02	2	8	5	7			3								
20	08	9924	009	007	501	14	32	83	2	01	2	2	5	7	0	0	3								
20	11	9979	011	009	000	13	23	83	7	03	2	7	5	8			3								
20	14	0023	009	007	000	10	13	83	0	01	2	0	0	9	0	0									
20	17	0078	008	006	000	13	11	83	0	02	0	0	0	9	0	0									
20	20	0101	011	009	002	00	00	83	0	02	0	0	0	9	0	0									
20	23	0136	010	008	000	17	38	83	0	02	0	0	0	9	0	0				17	45	504	0000	014	002
21	02	0174	009	007	501	17	42	83	0	02	0	0	0	9	0	0									
21	05	0196	010	008	000	17	39	83	0	02	0	0	0	9	0	0									
21	08	0217	013	010	002	17	32	83	2	03	1	1	5	7	1	0	3	5							
21	11	0238	016	013	002	09	04	83	7	03	1	2	6	6	1		3	5							
21	14	0245	012	010	002	16	17	83	7	02	2	0	0	9	1	0		5							
21	17	0257	012	010	002	16	06	83	7	02	2	0	0	9	1	0		5							
21	20	0253	012	010	002	15	19	83	6	02	2	0	0	9	1	0		5							
21	23	0246	013	011	002	14	21	83	6	02	2	0	0	9	1	0				17	51	590	0000	019	009
22	02	0239	017	014	004	14	19	83	3	01	2	0	0	9	1	0									
22	05	0232	016	013	002	14	17	83	3	02	1	0	0	9	1	0		3							
22	08	0218	020	016	005	12	20	83	2	02	1	0	0	9	1	0		3							
22	11	0199	027	021	006	12	23	83	6	03	1	0	0	9	1	0		3							
22	14	0187	021	018	006	15	25	83	1	01	2	0	0	9	1	0		3							
22	17	0161	023	019	007	14	27	83	0	02	0	0	0	9	0	0									
22	20	0143	021	017	007	16	25	83	0	02	0	0	0	9	0	0									
22	23	0125	021	017	002	00	00	83	2	03	0	0	0	9	7	0				14	38	524	0000	030	012
23	02	0099	024	020	006	22	16	83	8	03	1	0	0	9	1			4							
23	05	0076	025	020	006	00	00	83	8	02	2	0	0	9	1			4							
23	08	0026	023	019	009	15	42	83	6	02	2	0	0	9	7	0		4							
23	11	0011	023	019	008	14	40	83	6	02	2	0	0	9	7	0		4							
23	14	9986	023	019	008	14	47	83	7	02	2	0	0	9	1	0		4							
23	17	9967	016	013	003	27	09	83	2	01	2	0	0	9	3	0		4							
23	20	9937	020	016	005	00	00	83	8	03	1	0	0	9	3	0		4							
23	23	9887	011	010	008	15	45	08	8	38	2	8	0	9	2					14	74	542	0000	031	011
24	02	9845	009	009	007	15	45	04	4	38	3	4	0	9	2	0									
24	05	9802	007	007	005	16	45	83	0	01	3	0	0	9	0	0									
24	08	9826	003	003	001	15	35	00		39	3														
24	11	9853	001	001	501	15	22	01	0	38	3	0	0	9	0	0									
24	14	9870	000	500	503	14	25	40	0	38	3	0	0	9	0	0									
24	17	9879	500	501	504	15	33	32	0	38	3	0	0	9	0	0									
24	20	9876	009	007	503	13	22	82	7	03	3	7	5	7			3								
24	23	9864	016	013	003	13	28	82	8	02	2	8	5	7			3			15	66	836	0000	016	501
25	02	9853	019	016	006	12	33	82	8	02	2	8	5	7			3								
25	05	9870	019	016	008	12	30	82	8	02	2	8	5	7			2								
25	08	9887	021	018	008	12	41	82	8	02	2	8	5	7			2								
25	11	9909	023	018	007	12	40	82	8	02	2	8	6	7			2								
25	14	9925	023	019	007	12	39	82	8	02	2	8	6	7			2								
25	17	9950	021	017	006	13	38	82	3	01	2	3	6	7	0	0	2								
25	20	9970	015	013	001	14	33	82	2	02	1	2	6	7	0	0	2								
25	23	9984	015	012	001	14	31	83	1	02	0	1	5	7	0	0	2			12	54	871	0000	023	015
26	02	9987	020	017	005	13	31	83	4	03	1	4	5	7	0	0	2								
26	05	9980	021	017	006	13	40	83	1	02	1	1	5	7	0	0	2								
26	08	9986	021	017	006	13	41	83	0	02	1	0	5	7	0	0									
26	11	9990	021	017	004	12	40	83	2	01	2	2	5	7	0	0	2								
26	14	9999	020	016	002	12	40	83	1	02	1	1	5	7	0	0	2								
26	17	0013	020	016	002	12	30	83	5	03	1	1	5	7	0	0	2								
26	20	0013	020	016	002	12	30	83	1	01	1	1	5	7	0	0	2								
26	23	0018	014	011	501	15	21	83	0	02	1	0	0	9	0	0				12	63	815	0000	022	014
27	02	0036	011	008	505	15	35	83	0	02	0	0	0	9	0	0									
27	05	0048	009	007	504	16	34	83	0	02	0	0	0	9	0	0									
27	08	0051	010	008	504	15	25	83	0	02	0	0	0	9	0	0									
27	11	0048	010	007	505	15	22	83	0	02	0	0	0	9	0	0									
27	14	0047	010	007	502	14	17	83	0	02	0	0	0	9	0	0									
27	17	0044	012	009	502	14	17	83	0	02	0	0	0	9	0	0									
27	20	0039	010	007	503	16	22	83	0	02	0	0	0	9	0	0									
27	23	0038	010	007	502	14	19	83	0	02	0	0	0	9	0	0				15	37	558	0000	015	008

Results of Surface Observations,
MAWSON — Jul., 1956

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	0028	012	009	504	13	25	83	0	02	0	0	0	9	0	0									
28	05	0022	011	008	505	12	34	83	3	03	0	3	5	7	0	0	2								
28	08	0030	007	005	507	12	32	83	7	03	1	7	5	7			2								
28	11	0029	008	006	505	12	35	83	8	02	2	8	5	7			2								
28	14	0025	010	008	502	12	42	82	8	02	2	8	5	7			2								
28	17	0015	013	010	501	12	38	82	8	05	2	8	5	7			2								
28	20	0012	013	010	502	12	38	82	8	05	2	8	5	7			2			12	49	808	0000	013	007
28	23	0011	010	008	504	13	33	83	8	02	2	8	5	7			2								
29	02	9998	010	008	505	12	38	83	8	02	2	8	5	7			2								
29	05	9988	011	009	504	13	37	83	1	01	2	1	5	7	0	0	2								
29	08	9986	009	007	504	12	31	83	0	02	1	0	5	9	0	0	2								
29	11	9988	013	010	502	12	27	83	7	03	1	7	5	8			3								
29	14	9993	011	010	502	14	26	83	8	02	2	8	5	8			3								
29	17	0004	010	008	505	12	32	83	8	02	2	6	5	8			3								
29	20	0017	011	008	504	12	31	83	5	01	2	5	5	8	0	0	3								
29	23	0034	008	006	506	12	26	83	0	02	1	0	0	9	0	0				12	45	701	0000	014	008
30	02	0050	003	002	510	14	23	83	0	02	0	0	0	9	0	0									
30	05	0054	005	003	510	12	26	83	0	02	0	0	0	9	0	0									
30	08	0070	001	500	511	04	04	83	0	02	0	0	0	9	0	0									
30	11	0070	003	001	512	12	25	83	0	02	0	0	0	9	0	0									
30	14	0080	004	001	512	12	25	83	0	02	0	0	0	9	0	0									
30	17	0081	002	500	515	12	29	83	0	02	0	0	0	9	0	0									
30	20	0074	500	502	512	13	31	83	0	02	0	0	0	9	0	0									
30	23	0073	007	005	505	12	21	83	8	03	1	8	5	7			2			12	38	559	0000	009	501
31	02	0051	010	007	505	13	31	83	8	02	2	8	5	7			2								
31	05	0047	010	007	504	12	23	83	8	02	2	8	5	7			2								
31	08	0025	010	008	502	14	25	83	8	02	2	8	5	7			2								
31	11	0008	007	005	507	12	32	83	7	02	2	7	5	7			2								
31	14	9993	007	005	506	12	24	83	6	02	2	5	5	7			2	2							
31	17	9973	008	006	505	12	31	83	1	01	2	0	0	9	3	0									
31	20	9960	010	007	508	12	30	83	0	02	1	0	0	9	0	0									
31	23	9957	010	007	508	12	25	83	0	02	0	0	0	9	0	0				12	40	639	0000	012	006

Results of Surface Observations,
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LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	02	9962	009	007	507	12	33	83	0	02	0	0	0	99	00	00									
01	05	9965	007	005	507	11	24	83	0	02	0	0	0	99	00	00									
01	08	9972	006	004	508	12	21	83	0	02	0	0	0	99	00	00									
01	11	9979	005	003	509	12	20	83	0	02	0	0	0	99	00	00									
01	14	9989	005	003	509	19	07	83	0	02	0	0	0	99	00	00									
01	17	9996	001	001	509	00	00	83	0	02	0	0	0	99	00	00									
01	20	0001	500	502	512	12	18	83	0	02	0	0	0	99	00	00									
01	23	0006	502	503	513	13	12	83	0	02	0	0	0	99	00	00				12	29	383	0000	011	502
02	02	0006	501	503	514	16	19	83	0	02	0	0	0	99	00	00									
02	05	0006	503	505	515	14	19	83	0	02	0	0	0	99	00	00									
02	08	0004	503	504	515	13	22	83	0	02	0	0	0	99	00	00									
02	11	0003	506	507	516	11	10	83	0	02	0	0	0	99	01	00									
02	14	9999	506	507	516	10	24	83	1	02	0	0	0	99	11	00		6							
02	17	0005	508	509	517	14	16	83	2	02	1	0	0	99	11	00		6							
02	20	0008	509	509	518	12	19	83	1	02	0	0	0	99	10	00		6							
02	23	0013	509	510	520	13	16	83	0	02	0	0	0	99	10	00				12	26	401	0000	500	511
03	02	0022	509	511	520	13	13	83	0	02	0	0	0	99	01	00									
03	05	0027	511	512	521	17	16	83	0	02	0	0	0	99	01	00									
03	08	0041	511	512	521	15	12	83	1	02	0	0	0	99	11	00		7							
03	11	0049	511	512	523	10	19	83	2	02	0	0	0	99	11	00		7							
03	14	0051	509	510	521	12	19	83	2	02	0	0	0	99	11	00		7							
03	17	0057	508	509	519	14	14	83	8	03	1	2	0	99	21	00		7							
03	20	0058	507	509	520	12	20	83	1	01	2	0	0	99	10	00		7							
03	23	0060	506	507	519	11	17	83	0	02	1	0	0	99	10	00				11	28	361	0000	505	512
04	02	0061	506	508	519	11	18	83	4	03	0	0	0	99	11	00		8							
04	05	0055	505	507	517	11	13	83	4	02	2	0	0	99	11	00		8							
04	08	0045	505	506	517	12	12	83	4	02	1	0	0	99	11	00		8							
04	11	0036	503	505	515	13	11	83	8	03	2	0	0	99	12	00		8							
04	14	0019	503	504	514	12	19	82	8	02	2	0	0	99	12	00		8							
04	17	0013	502	504	513	10	10	83	8	02	2	0	0	99	21	00		8							
04	20	0009	505	506	514	13	15	83	2	01	2	0	0	99	10	00		8							
04	23	9999	504	505	517	12	17	83	0	02	1	0	0	99	10	00				16	27	396	0000	502	507
05	02	9986	506	507	516	12	19	83	0	02	0	0	0	99	00	00									
05	05	9979	507	508	520	00	00	83	0	02	0	0	0	99	00	00									
05	08	9968	509	510	520	16	15	83	0	02	0	0	0	99	00	00									
05	11	9953	508	509	519	15	09	83	1	02	0	0	0	99	01	00		5							
05	14	9936	508	509	519	15	13	83	1	02	0	0	0	99	10	00		5							
05	17	9922	510	511	520	15	19	83	0	02	0	0	0	99	00	00									
05	20	9914	510	511	521	00	00	83	0	02	0	0	0	99	00	00									
05	23	9902	510	511	521	15	14	83	0	02	0	0	0	99	00	00				16	26	303	0000	504	510
06	02	9884	513	513	524	14	17	83	0	02	0	0	0	99	00	00									
06	05	9885	512	513	523	16	09	83	0	02	0	0	0	99	00	00									
06	08	9883	514	515	524	16	09	83	0	02	0	0	0	99	00	00									
06	11	9880	514	515	524	15	16	83	4	03	0	0	0	99	00	61			7						
06	14	9886	512	513	523	00	00	83	2	02	1	0	0	99	00	00			7						
06	17	9890	512	513	523	15	07	83	0	01	0	0	0	99	00	00									
06	20	9891	514	515	524	15	06	83	0	02	0	0	0	99	00	00									
06	23	9893	514	515	524	16	05	83	0	02	0	0	0	99	00	00				15	24	180	0000	510	516
07	02	9892	512	513	524	14	19	83	0	02	0	0	0	99	00	00									
07	05	9891	512	513	526	14	16	83	0	02	0	0	0	99	00	00									
07	08	9891	513	514	526	13	17	83	0	02	0	0	0	99	00	00									
07	11	9893	512	513	524	14	28	83	0	02	0	0	0	99	00	00									
07	14	9891	510	511	523	14	22	83	0	02	0	0	0	99	00	00									
07	17	9887	511	512	525	13	31	83	0	02	0	0	0	99	00	00									
07	20	9886	509	510	518	13	26	83	0	02	0	0	0	99	00	00									
07	23	9892	510	511	519	13	22	83	0	02	0	0	0	99	00	00				13	39	550	0000	508	514
08	02	9900	509	509	518	12	24	83	0	02	0	0	0	99	00	00									
08	05	9900	510	511	518	14	20	83	0	02	0	0	0	99	00	00									
08	08	9888	508	509	516	15	27	83	0	03	0	0	0	98	00	00									
08	11	9885	500	501	510	11	25	83	0	02	1	0	0	88	00	00		3							
08	14	9886	502	503	510	11	19	83	0	02	2	0	0	87	00	00		3							
08	17	9874	501	502	510	11	19	83	0	02	2	0	0	77	00	00		3							
08	20	9863	000	501	509	15	11	83	0	02	2	0	0	77	00	00		3							
08	23	9847	502	503	510	15	17	83	3	01	2	3	5	77	00	00		3		15	37	507	0000	003	511
09	02	9827	503	504	512	14	25	83	1	02	1	1	5	79	00	00	3								
09	05	9807	502	503	510	15	17	83	0	02	0	0	0	99	00	00									
09	08	9787	503	504	512	16	23	83	0	02	0	0	0	99	00	00									
09	11	9776	507	507	515	00	00	83	0	02	0	0	0	99	00	00									
09	14	9771	503	504	512	18	17	83	0	02	0	0	0	99	00	00									
09	17	9756	505	505	513	15	28	83	0	02	0	0	0	99	00	00									
09	20	9758	503	504	512	00	00	83	0	02	0	0	0	99	00	00									
09	23	9746	002	000	508	14	23	83	0	02	0	0	0	99	00	00				15	38	379	0000	002	507

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	02	9754	003	001	508	13	19	83	0	02	0	0	0	9	0	0									
10	05	9761	005	003	506	13	25	83	0	02	0	0	0	9	0	0									
10	08	9767	000	501	509	15	28	83	0	02	0	0	0	9	0	0									
10	11	9776	502	503	510	15	28	83	0	02	0	0	0	9	0	0									
10	14	9783	502	503	512	15	31	83	0	02	0	0	0	9	0	0									
10	17	9792	505	506	515	15	30	83	0	03	0	0	0	9	0	1			6						
10	20	9796	506	507	515	16	24	83	0	02	0	0	0	9	0	0									
10	23	9796	504	505	513	00	00	83	0	02	0	0	0	9	0	0				15	39	583	0000	006	507
11	02	9790	506	507	514	10	14	83	0	02	0	0	0	9	0	0									
11	05	9780	509	509	514	15	04	83	0	02	0	0	0	9	0	0									
11	08	9776	516	516	522	00	00	83	0	02	0	0	0	9	0	0									
11	11	9782	517	517	518	00	00	83	0	03	0	1	5	6	0	0	6								
11	14	9798	517	517	518	00	00	83	1	02	0	1	5	6	0	0	6								
11	17	9815	518	518	518	00	00	83	6	03	0	6	5	6	0	0	6								
11	20	9827	521	521	521	00	00	83	0	01	2	0	0	9	0	0									
11	23	9845	520	520	520	00	00	83	0	03	0	1	5	6	0	0				13	19	125	0000	504	521
12	02	9867	521	521	520	00	00	83	1	02	0	1	5	6	0	0									
12	05	9886	520	520	520	00	00	83	1	02	0	1	5	6	0	0									
12	08	9893	515	515	518	15	28	83	1	02	1	0	0	9	0	0									
12	11	9907	514	514	519	25	07	83	1	02	0	1	5	6	0	0									
12	14	9912	510	510	517	00	00	83	1	02	1	0	0	9	0	0									
12	17	9916	511	511	518	00	00	83	0	02	0	0	0	9	0	0									
12	20	9920	514	515	519	15	28	83	0	02	0	0	0	9	0	0									
12	23	9927	515	515	520	15	30	83	0	02	0	0	0	9	0	0				15	38	268	0000	508	524
13	02	9930	514	515	519	15	33	83	0	02	0	0	0	9	0	0									
13	05	9932	512	513	519	16	26	83	0	02	0	0	0	9	0	0									
13	08	9926	510	511	518	17	09	83	0	02	0	0	0	9	0	0									
13	11	9915	512	513	518	00	00	83	0	02	0	0	0	9	0	0									
13	14	9901	511	511	518	00	00	83	0	02	0	0	0	9	0	0									
13	17	9881	514	514	518	00	00	83	0	02	0	0	0	9	0	0									
13	20	9858	515	516	520	00	00	83	0	02	0	0	0	9	0	0									
13	23	9841	514	514	522	00	00	83	0	02	0	0	0	9	0	0				15	37	266	0000	509	518
14	02	9820	516	517	522	15	16	83	0	02	0	0	0	9	0	0									
14	05	9795	515	515	522	15	17	83	0	02	0	0	0	9	0	0									
14	08	9775	514	515	521	10	09	83	3	03	0	0	0	9	1	0		5							
14	11	9756	513	514	521	22	07	83	1	01	1	0	0	9	1	0		5							
14	14	9748	512	513	520	13	14	83	1	02	0	0	0	9	1	0		5							
14	17	9731	515	515	522	14	23	83	0	02	0	0	0	9	0	0									
14	20	9714	516	516	523	15	08	83	0	02	0	0	0	9	0	0									
14	23	9704	517	517	523	00	00	83	0	02	0	0	0	9	0	0				15	31	194	0000	511	518
15	02	9701	519	519	525	00	00	83	0	02	0	0	0	9	0	0									
15	05	9700	516	517	524	12	25	83	0	02	0	0	0	9	0	0									
15	08	9707	517	518	525	13	29	83	0	02	0	0	0	9	0	0									
15	11	9729	518	518	527	12	28	83	0	02	0	0	0	9	0	0									
15	14	9750	517	518	527	12	28	83	0	02	0	0	0	9	0	0									
15	17	9777	519	520	526	12	25	83	1	03	0	1	5	6	0	0	4								
15	20	9793	520	520	527	13	24	83	0	02	1	0	0	9	0	0									
15	23	9806	518	519	527	13	16	83	0	02	0	0	0	9	0	0				13	38	502	0000	516	520
16	02	9815	522	523	530	14	23	83	0	02	0	0	0	9	0	0									
16	05	9826	522	523	530	15	21	83	0	02	0	0	0	9	0	0									
16	08	9846	522	522	530	15	12	83	0	02	0	0	0	9	0	0									
16	11	9861	520	520	528	15	17	83	0	02	0	0	0	9	0	0									
16	14	9875	516	516	524	15	21	83	0	02	0	0	0	9	0	0									
16	17	9893	518	519	525	15	29	83	0	02	0	0	0	9	0	0									
16	20	9903	518	518	525	14	25	83	0	02	0	0	0	9	0	0									
16	23	9913	517	518	525	14	17	83	0	02	0	0	0	9	0	0				14	34	411	0000	513	523
17	02	9929	518	519	527	00	00	83	0	02	0	0	0	9	0	0									
17	05	9930	519	519	526	00	00	83	0	02	0	0	0	9	0	0									
17	08	9929	520	521	528	15	09	83	2	03	0	0	0	9	7	0		6							
17	11	9922	520	520	530	15	05	83	1	01	0	0	0	9	3	0		6							
17	14	9918	519	519	528	00	00	83	1	02	0	0	0	9	0	1			6						
17	17	9919	522	522	528	00	00	83	0	02	0	0	0	9	0	0									
17	20	9917	525	525	532	00	00	83	2	03	0	0	0	9	1	0		6							
17	23	9911	526	527	533	00	00	83	1	02	0	0	0	9	1	0		6		15	28	168	0000	515	527
18	02	9916	527	527	532	13	17	83	1	02	0	0	0	9	1	0		6							
18	05	9927	527	528	532	15	17	83	1	02	0	0	0	9	1	0		5							
18	08	9945	526	526	533	15	26	83	0	01	0	0	0	9	0	0									
18	11	9983	525	525	532	14	25	83	0	02	0	0	0	9	0	0									
18	14	0028	523	523	530	00	00	83	0	02	0	0	0	9	0	0									
18	17	0048	523	524	530	19	05	83	7	03	1	0	0	9	7	0									
18	20	0063	523	523	530	17	05	83	6	01	2	0	0	9	1	8		5	6						
18	23	0068	523	523	530	00	00	83	8	03	2	0	0	9	0	8			6	15	42	323	0000	522	530

Results of Surface Observations,
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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
19	02	0088	521	522	527	00	00	83	8	02	2	0	0	9	2			1							
19	05	0072	519	519	522	08	11	08	8	71	2	0	0	9	2			1							
19	08	0058	516	516	517	12	10	40	8	71	7	0	0	9	2			1							
19	11	0034	511	512	513	14	09	08	8	71	7	0	0	9	2										
19	14	0004	507	507	508	12	22	00		38	7														
19	17	0005	518	518	518	04	18	00		71	3														
19	20	0003	518	518	518	00	00	24	8	71	7	0	0	9	2			1							
19	23	9993	518	518	518	22	05	16	8	71	7	0	0	9	2			1		13	36	327	0002	507	523
20	02	0000	519	519	519	00	00	81	1	05	7	0	0	9	1	0		6							
20	05	9998	518	518	518	23	02	81	2	05	1	0	0	9	7	0		6							
20	08	9999	518	518	518	00	00	81	2	05	1	0	0	9	7	0		6							
20	11	9995	519	519	519	00	00	83	3	03	1	0	0	9	7	0		6							
20	14	9982	516	516	517	00	00	83	7	03	1	0	0	9	3	1		5	6						
20	17	9962	519	519	519	00	00	83	3	01	2	0	0	9	3	1		6	6						
20	20	9955	512	512	514	00	00	83	4	02	1	0	0	9	3	1		6	6						
20	23	9934	509	509	510	12	31	00	0	38	3	0	0	9	0	0				12	38	164		506	521
21	02	9913	504	504	507	15	19	16	8	36	3	0	0	9	7										
21	05	9837	002	002	001	13	38	00		39	3														
21	08	9776	005	004	001	13	48	00		39	3														
21	11	9730	005	004	001	13	61	00		39	3														
21	14	9715	006	006	005	13	74	00		39	3														
21	17	9711	006	006	005	13	70	00		39	3														
21	20	9709	006	005	005	13	61	00		39	3														
21	23	9709	005	005	004	12	63	00		39	3											248		007	509
22	02	9689	003	003	001	13	60	00		39	3														
22	05	9667	005	004	000	13	68	00		39	3														
22	08	9680	003	003	501	13	55	00		39	3														
22	11	9694	006	005	003	13	58	00		39	3														
22	14	9704	005	005	003	12	56	00		39	3														
22	17	9717	003	003	003	12	50	00		39	3														
22	20	9732	003	002	001	12	52	00		39	3														
22	23	9755	002	002	002	12	51	00		39	3											374		007	002
23	02	9786	002	002	000	13	50	00		39	3														
23	05	9794	003	002	000	13	50	00		39	3														
23	08	9789	004	004	000	13	56	00		39	3														
23	11	9775	007	006	003	13	53	01		39	3														
23	14	9766	008	008	007	13	53	00		39	3														
23	17	9767	009	009	008	13	54	00		39	3														
23	20	9766	010	010	009	12	52	00		39	3														
23	23	9751	010	010	009	13	63	00		39	3											385		011	002
24	02	9748	011	011	009	13	60	00		39	3														
24	05	9723	011	011	009	13	61	00		39	3														
24	08	9713	013	012	009	13	72	01		38	3														
24	11	9720	011	011	010	13	61	00		39	3														
24	14	9744	012	012	012	13	60	00		39	3														
24	17	9763	011	011	011	13	56	00		39	3														
24	20	9763	013	012	011	13	54	00		39	3														
24	23	9779	013	012	008	13	40	01		38	3											502	0357	013	011
25	02	9786	015	013	005	15	26	83	7	01	3	7	6	6			2								
25	05	9787	010	009	002	15	39	83	8	03	2	8	6	6			2								
25	08	9795	010	009	001	13	25	80	8	05	2	8	6	6			2								
25	11	9786	012	010	001	13	27	82	4	05	2	4	5	7	0	0	2								
25	14	9801	009	007	502	14	31	83	5	02	2	5	5	7	0	0	3								
25	17	9811	007	005	503	15	34	83	1	01	2	1	5	7	0	0	3								
25	20	9820	005	003	505	15	30	83	0	02	0	0	0	9	0	0									
25	23	9830	009	007	000	15	18	83	6	03	1	6	5	7	0	0	3					680	0000	016	004
26	02	9849	005	003	505	15	30	83	2	02	1	2	5	7	0	0	3								
26	05	9843	007	005	504	14	24	83	2	02	1	2	5	7	0	0	2								
26	08	9845	008	006	504	13	30	83	1	02	1	1	5	7	0	0	2								
26	11	9841	009	007	503	13	32	83	2	03	1	1	5	7	1	0	2	3							
26	14	9837	009	007	502	13	32	83	7	03	1	6	5	7	1		2	3							
26	17	9848	009	007	501	13	33	83	8	03	2	8	5	7			2								
26	20	9865	009	007	502	12	31	83	8	02	2	8	5	7			2								
26	23	9879	008	007	000	12	29	83	8	02	2	8	5	7			2			13	44	707	0000	011	003
27	02	9884	007	006	501	13	29	83	8	02	2	8	5	7			2								
27	05	9877	005	005	004	13	26	40	8	36	2	8	5	7			2								
27	08	9856	005	005	004	13	25	40	8	36	3	8	5	7			2								
27	11	9832	006	005	000	12	22	82	8	05	3	8	5	7			2								
27	14	9808	006	005	000	12	25	82	8	05	2	8	5	6			2								
27	17	9793	004	003	501	12	28	82	8	05	2	8	5	6			2								
27	20	9783	004	003	503	13	31	80	8	36	2	8	5	6			2								
27	23	9780	004	003	504	13	30	83	7	01	3	7	5	6			2			12	37	670	0000	008	003

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	w	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
28	02	9780	001	502	507	13	24	83	4	01	2	4	5	6	0	0	2								
28	05	9776	501	502	510	15	20	83	1	01	2	1	5	7	0	0	2								
28	08	9776	503	504	512	14	14	83	6	02	2	1	5	7	7	0	2	5							
28	11	9778	502	503	511	12	16	83	6	02	2	1	5	7	3	8	2	5	5						
28	14	9784	501	502	511	12	17	83	3	01	2	0	0	0	9	0			5						
28	17	9788	504	505	513	12	19	83	4	02	1	0	0	0	9	0			5						
28	20	9802	504	505	514	13	13	83	1	02	1	0	0	0	9	0									
28	23	9815	507	507	514	13	14	83	0	02	0	0	0	0	9	0				12	33	470	0000	004	507
29	02	9822	506	507	515	12	17	83	0	02	0	0	0	0	9	0									
29	05	9833	506	507	515	12	15	83	0	02	0	0	0	0	9	0									
29	08	9835	509	509	516	15	17	83	0	02	0	0	0	0	9	0									
29	11	9840	506	507	516	15	21	83	0	02	0	0	0	0	9	0									
29	14	9837	507	508	516	12	24	83	0	02	0	0	0	0	9	0									
29	17	9833	509	510	518	12	28	83	2	03	0	0	0	0	9	0			6						
29	20	9825	509	510	518	13	30	83	0	02	0	0	0	0	9	0									
29	23	9814	510	511	518	13	33	83	0	36	0	0	0	0	9	0				12	38	537	0000	504	511
30	02	9813	510	511	518	13	27	83	0	02	0	0	0	0	9	0									
30	05	9810	510	510	519	12	25	83	0	02	0	0	0	0	9	0									
30	08	9809	510	511	519	12	23	83	1	02	1	0	0	0	9	0			6						
30	11	9822	508	509	516	15	15	83	6	03	1	0	0	0	9	0			6						
30	14	9838	505	506	516	13	10	83	2	01	1	0	0	0	9	0			6						
30	17	9852	510	511	518	15	13	83	1	01	1	0	0	0	9	0									
30	20	9856	512	513	522	13	18	83	0	02	1	0	0	0	9	0									
30	23	9862	514	515	523	13	19	83	0	02	1	0	0	0	9	0				12	38	484	0000	504	514
31	02	9860	517	518	525	13	31	83	0	02	0	0	0	0	9	0									
31	05	9856	518	518	525	16	21	83	0	02	0	0	0	0	9	0									
31	08	9838	517	517	525	14	24	83	0	02	0	0	0	0	9	0									
31	11	9826	513	514	524	16	12	83	0	02	0	0	0	0	9	0									
31	14	9817	511	511	521	00	00	83	0	02	0	0	0	0	9	0									
31	17	9811	514	515	522	00	00	83	0	02	0	0	0	0	9	0									
31	20	9810	518	518	525	15	17	83	0	02	0	0	0	0	9	0									
31	23	9805	518	518	525	15	20	83	0	02	0	0	0	0	9	0				13	29	293	0000	511	518

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
01	02	9813	516	517	526	00	00	83	0	02	0	0	0	9	0	0									
01	05	9820	517	517	527	19	06	83	0	02	0	0	0	9	0	0									
01	08	9832	515	515	525	23	07	83	0	02	0	0	0	9	0	0									
01	11	9841	511	512	521	13	15	83	0	02	0	0	0	9	0	0									
01	14	9867	508	509	518	13	10	83	0	02	0	0	0	9	0	0									
01	17	9886	509	510	518	13	14	83	0	02	0	0	0	9	0	0									
01	20	9896	512	513	521	13	19	83	0	02	0	0	0	9	0	0									
01	23	9907	514	515	522	15	20	83	0	02	0	0	0	9	0	0				13	29	565	0000	507	514
02	02	9918	513	513	521	13	16	83	0	02	0	0	0	9	0	0									
02	05	9924	512	513	521	18	12	83	0	02	0	0	0	9	0	0									
02	08	9930	513	513	522	00	00	83	0	02	0	0	0	9	0	0									
02	11	9922	510	511	521	13	10	83	5	03	1	0	0	9	0	6			6						
02	14	9914	507	508	518	13	21	83	5	02	1	0	0	9	0	8			6						
02	17	9909	511	512	521	12	25	83	7	02	2	0	0	9	0	8			6						
02	20	9892	514	514	522	12	28	83	6	02	2	0	0	9	0	8			6						
02	23	9878	512	513	521	11	25	83	3	01	2	0	0	9	0	8			6	11	38	413	0000	507	515
03	02	9854	510	511	521	11	32	83	2	05	1	0	0	9	0	8			6						
03	05	9805	506	506	510	11	37	00		39	1														
03	08	9766	504	504	504	12	52	00		39	3														
03	11	9757	502	502	502	12	47	00		39	3														
03	14	9756	500	501	501	12	51	00		39	3														
03	17	9742	002	001	000	12	46	08	8	36	3	8	6	6											
03	20	9747	004	003	501	12	53	83	0	01	3	0	0	9	0	0									
03	23	9746	003	003	501	12	49	83	0	02	0	0	0	9	0	0						151	0000	004	512
04	02	9756	003	002	503	12	40	83	0	02	0	0	0	9	0	0									
04	05	9768	001	500	505	13	20	04	0	36	0	0	0	9	0	0									
04	08	9763	502	503	505	14	40	40	0	36	3	0	0	9	0	0									
04	11	9767	002	001	507	14	24	81	0	05	3	0	0	9	0	0									
04	14	9766	001	000	503	14	31	16	0	36	3	0	0	9	0	0									
04	17	9770	002	001	506	12	30	16	0	36	3	0	0	9	0	0									
04	20	9778	000	501	507	13	31	40	0	36	3	0	0	9	0	0									
04	23	9788	001	500	506	14	31	80	0	05	3	0	0	9	0	0						833	0000	005	503
05	02	9773	006	005	501	15	26	83	0	02	0	0	0	9	0	0									
05	05	9733	007	006	003	15	33	80	4	36	0	0	0	9	3	0									
05	08	9727	009	008	501	12	17	83	6	03	3	1	0	6	3	0	2		3						
05	11	9710	010	008	502	09	23	83	2	02	3	0	0	9	3	0			3						
05	14	9710	013	010	501	15	21	83	6	03	1	0	0	9	3	0			3						
05	17	9687	012	009	504	12	30	83	4	01	2	0	0	9	3	0			3						
05	20	9694	009	007	505	13	24	83	1	02	1	0	0	9	3	0			3						
05	23	9707	002	000	510	15	31	83	0	02	0	0	0	9	0	0						718	0000	014	502
06	02	9721	000	501	511	15	31	83	0	02	0	0	0	9	0	0									
06	05	9724	505	505	510	15	40	81	0	36	0	0	0	9	0	0									
06	08	9724	503	504	506	15	32	81	0	36	3	0	0	9	0	0									
06	11	9720	502	503	509	00	00	83	0	02	0	0	0	9	0	0									
06	14	9701	003	002	504	20	25	83	0	02	0	0	0	9	0	0									
06	17	9694	006	005	504	15	20	83	0	02	0	0	0	9	0	0									
06	20	9697	010	007	504	14	38	83	0	02	0	0	0	9	0	0									
06	23	9715	009	007	504	14	40	83	0	02	0	0	0	9	0	0				13	51	710	0000	011	505
07	02	9737	008	005	507	15	44	83	1	03	0	0	0	9	3	0									
07	05	9787	005	003	509	15	47	83	1	02	0	0	0	9	3	0		3							
07	08	9808	005	005	000	15	44	83	1	03	1	0	0	9	3	0		3							
07	11	9832	008	006	505	15	41	83	0	01	2	0	0	9	3	0									
07	14	9846	017	013	501	15	25	83	1	03	2	0	0	9	3	0		2							
07	17	9850	011	009	501	15	28	83	5	03	2	0	0	9	3	0		2							
07	20	9833	010	008	502	15	16	83	0	01	2	0	0	9	3	0									
07	23	9807	004	003	504	00	00	83	0	02	0	0	0	9	0	0				14	56	812	0000	017	004
08	02	9783	005	004	505	00	00	83	0	02	0	0	0	9	0	0									
08	05	9745	004	003	504	19	35	83	0	02	0	0	0	9	0	0									
08	08	9763	003	001	506	15	37	83	0	02	0	0	0	9	0	0									
08	11	9774	005	003	507	16	31	83	0	02	0	0	0	9	0	0									
08	14	9766	008	006	504	12	18	83	0	02	0	0	0	9	0	0									
08	17	9774	005	003	507	15	26	83	0	02	0	0	0	9	0	0									
08	20	9797	001	501	509	09	03	83	0	02	0	0	0	9	0	0									
08	23	9817	500	502	510	11	07	83	0	02	0	0	0	9	0	0				15	54	490	0000	011	502
09	02	9827	501	502	510	13	23	83	0	02	0	0	0	9	0	0									
09	05	9840	503	504	513	14	25	83	0	02	0	0	0	9	0	0									
09	08	9864	502	504	513	14	32	83	0	02	0	0	0	9	0	0									
09	11	9886	503	504	511	13	32	83	0	03	0	0	0	9	0	0									
09	14	9907	002	000	507	12	29	81	1	02	2	1	5	7	0	0	2								
09	17	9923	004	002	507	13	33	81	5	38	3	5	5	7	0	0	2								
09	20	9956	004	003	509	13	27	82	4	05	3	4	5	7	0	0	2								
09	23	9973	003	002	509	13	28	82	2	02	1	2	5	7	0	0	2			13	44	738	0000	005	505

Results of Surface Observations,
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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	9994	002	001	507	13	30	82	2	02	1	2	5	7	0	0	2								
10	05	0003	003	001	507	13	35	82	4	03	1	4	5	7	0	0	3								
10	08	0017	002	001	508	14	27	81	5	03	2	2	5	7	3	0	3	3							
10	11	0030	000	501	511	15	26	83	2	01	2	2	5	7	0	0	3								
10	14	0037	006	004	507	14	19	83	2	02	1	2	5	7	0	0	3								
10	17	0048	001	500	511	16	25	83	3	02	1	3	5	7	0	0	3								
10	20	0051	500	502	511	15	24	83	0	01	1	0	0	9	0	0									
10	23	0050	500	502	512	13	25	83	0	02	0	0	0	9	0	0				13	40	670	0000	006	501
11	02	0044	501	503	513	13	23	83	0	02	0	0	0	9	0	0									
11	05	0040	504	505	516	13	25	83	0	02	0	0	0	9	0	0									
11	08	0040	503	505	515	13	21	83	0	02	0	0	0	9	0	0									
11	11	0038	502	503	512	13	15	83	0	02	0	0	0	9	0	0									
11	14	0038	000	501	510	13	12	83	2	03	0	2	5	7	0	0	2								
11	17	0032	001	501	510	13	17	83	1	02	0	1	5	7	0	0	2								
11	20	0038	505	506	515	00	00	83	5	03	1	5	5	7	0	0	2								
11	23	0033	504	505	515	12	17	83	3	02	2	3	5	7	0	0	2			13	29	470	0000	002	506
12	02	0033	504	505	516	12	19	83	2	02	1	2	5	7	0	0	2								
12	05	0032	505	507	517	12	24	83	0	02	1	0	0	9	0	0									
12	08	0028	505	506	517	11	25	83	7	03	1	7	5	7			3								
12	11	0023	504	505	518	11	33	83	7	02	2	6	5	7	7		3	8							
12	14	0018	504	505	513	11	30	56	8	38	2	8	5	7			2								
12	17	0001	503	504	513	10	35	81	8	05	3	8	5	7			2								
12	20	9982	504	504	505	10	38	04		38	3														
12	23	9950	503	503	503	10	47	00		39	3									10	60	739	0000	503	505
13	02	9926	502	502	502	10	49	00		39	3														
13	05	9915	000	000	000	10	49	00		39	3														
13	08	9906	001	001	001	11	52	00		39	3														
13	11	9898	002	002	002	10	52	00		39	3														
13	14	9887	002	002	002	10	61	00		39	3														
13	17	9876	003	003	003	11	61	00		39	3														
13	20	9863	004	004	004	11	63	00		39	3														
13	23	9860	004	004	004	11	64	00		39	3											376		004	503
14	02	9861	005	005	004	11	55	00		39	3														
14	05	9857	008	007	004	11	52	40	8	05	3	0	0	9	7			1							
14	08	9863	009	009	005	11	45	16	8	05	2	0	0	9	7			1							
14	11	9859	012	010	001	11	44	81	8	05	2	0	0	9	7			1							
14	14	9857	013	011	001	11	45	81	8	05	2	0	0	9	2			1							
14	17	9867	013	010	501	11	39	81	8	05	2	1	5	7	1		2	1							
14	20	9873	013	011	502	11	38	81	8	05	2	0	0	9	1			1							
14	23	9882	013	010	503	11	31	82	8	02	2	8	5	7			2					111	0141	014	004
15	02	9897	010	008	505	12	24	83	0	01	2	1	5	7	0	0	2								
15	05	9907	005	003	507	13	23	83	0	02	1	0	0	9	0	0									
15	08	9914	006	004	507	12	20	83	3	03	0	0	0	9	3	1		1	6						
15	11	9926	005	003	507	00	00	83	3	02	1	0	0	9	0	1			6						
15	14	9932	005	003	504	00	00	83	2	02	1	0	0	9	0	1			6						
15	17	9935	006	004	507	11	15	83	2	02	1	0	0	9	0	1			6						
15	20	9943	001	001	510	12	17	83	1	01	1	0	0	9	0	1			6						
15	23	9944	502	503	512	12	20	83	4	03	1	0	0	9	0	6			6	11	31	447	0000	014	502
16	02	9945	501	503	513	12	20	83	4	02	2	0	0	9	0	6			7						
16	05	9937	503	504	512	12	14	83	5	03	2	0	0	9	0	6			8						
16	08	9925	502	503	512	11	20	83	7	02	2	0	0	9	1	8		2	8						
16	11	9908	002	000	510	10	11	83	7	02	2	0	0	9	0	8			8						
16	14	9893	004	002	508	09	05	83	4	01	2	0	0	9	0	8			8						
16	17	9875	002	001	508	11	12	83	7	03	2	0	0	9	0	6			8						
16	20	9857	000	001	511	11	17	83	7	02	2	0	0	9	0	8			8						
16	23	9845	501	502	511	11	16	83	4	01	2	0	0	9	0	8			6	11	28	430	0000	005	504
17	02	9831	505	506	513	16	21	83	4	02	1	0	0	9	0	8			6						
17	05	9817	503	504	510	16	16	83	2	01	1	0	0	9	0	8			6						
17	08	9801	505	506	515	15	21	83	2	02	1	0	0	9	0	8			6						
17	11	9789	503	504	512	21	16	83	1	02	1	0	0	9	0	8			6						
17	14	9782	002	000	508	00	00	83	1	02	0	0	0	9	0	8			6						
17	17	9769	502	501	511	00	00	83	1	02	0	0	0	9	0	8			6						
17	20	9765	507	508	513	00	00	83	1	02	0	0	0	9	0	8			6						
17	23	9769	507	508	517	00	00	83	1	02	0	0	0	9	0	8			6	15	31	288	0000	002	509
18	02	9773	507	508	517	12	07	83	1	02	0	0	0	9	0	1			6						
18	05	9783	510	511	518	00	00	83	1	02	0	0	0	9	0	1			6						
18	08	9793	510	511	519	12	17	83	4	03	1	0	0	9	0	2			6						
18	11	9805	506	507	516	11	14	83	0	01	1	0	0	9	0	1									
18	14	9819	502	504	515	11	16	83	1	02	1	0	0	9	0	1			7						
18	17	9825	505	506	515	11	24	83	8	03	1	1	5	6	0	7	2		7						
18	20	9831	505	506	512	11	29	82	8	38	2	0	0	9	0	7			7						
18	23	9850	504	505	510	12	25	81	8	71	7	0	0	9	2			7		12	37	468	0000	501	511

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	w	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
19	02	9866	503	504	509	12	17	824	8	36	7	0	0	9	2			7							
19	05	9865	502	502	503	11	25	044	8	36	3	0	0	9	2			1							
19	08	9890	500	500	501	10	14	248	8	36	3	0	0	9	2			1							
19	11	9914	000	501	503	09	16	248	8	36	3	0	0	9	2			1							
19	14	9932	001	000	503	08	12	248	8	05	3	0	0	9	2			1							
19	17	9936	001	001	502	06	03	818	8	70	7	5	5	5	2		2	1							
19	20	9940	003	003	502	00	00	828	8	01	7	7	5	6			2								
19	23	9933	004	003	504	00	00	833	8	03	2	8	5	6			2			11	34	495	0001	004	504
20	02	9927	007	005	502	18	08	811	8	71	2	0	0	9	2			3							
20	05	9939	001	001	501	22	04	804	8	71	2	0	0	9	2			3							
20	08	9942	000	000	000	00	00	408	8	71	7	0	0	9	2			3							
20	11	9941	005	004	000	12	13	833	1	01	1	1	5	5	0	0	3								
20	14	9946	006	005	501	12	10	833	1	02	1	1	5	5	0	0	3								
20	17	9953	005	003	507	12	11	833	1	02	1	1	5	6	0	0	3								
20	20	9959	000	500	507	13	13	833	2	02	0	1	0	9	0	5			6						
20	23	9963	000	501	509	14	09	833	7	03	1	0	0	9	0	6			6	12	31	273	0002	007	503
21	02	9975	000	501	509	00	00	833	5	02	2	0	0	9	0	6			6						
21	05	9974	501	502	511	00	00	833	8	02	2	0	0	9	1			8							
21	08	9975	502	503	510	00	00	833	8	02	2	0	0	9	2			8							
21	11	9974	004	002	507	00	00	833	8	02	2	0	0	9	2			8							
21	14	9965	003	001	508	12	15	833	8	02	2	0	0	9	2			8							
21	17	9959	002	001	506	04	09	828	8	05	2	0	0	9	2			8							
21	20	9946	001	000	503	05	12	808	8	71	2	0	0	9	2			8							
21	23	9929	002	002	502	07	07	808	8	71	7	0	0	9	2			8		05	19	274	0000	004	504
22	02	9883	006	005	004	10	31	018	8	36	7	0	0	9	2										
22	05	9871	008	006	006	10	23	044	8	36	3	0	0	9	2										
22	08	9850	009	009	008	11	25	120		38	3														
22	11	9829	010	010	009	11	31	000		39	3														
22	14	9834	012	012	009	12	28	120		38	3														
22	17	9853	013	012	006	13	22	811	7	01	3	7	6	6			2								
22	20	9876	011	009	000	14	17	883	7	02	2	7	5	6			2								
22	23	9878	006	004	504	17	22	883	1	01	1	5	5	6	0	0	2			12	38	634	0003	013	002
23	02	9878	001	500	510	15	26	833	0	01	0	0	0	9	0	0									
23	05	9866	501	503	510	15	25	833	0	02	0	0	0	9	0	0									
23	08	9858	501	502	511	14	09	833	0	02	1	2	5	7	0	0	6								
23	11	9838	003	001	508	13	14	833	7	03	2	2	5	7			6								
23	14	9824	006	004	506	10	06	833	7	02	2	2	5	7			6								
23	17	9813	003	002	508	13	13	833	8	02	2	2	5	7			6								
23	20	9806	001	500	507	13	15	833	8	02	2	8	5	7			6								
23	23	9802	501	503	509	14	15	833	8	02	2	8	5	7			6			15	28	372	0001	006	503
24	02	9801	503	504	514	14	11	833	2	01	2	2	5	7	0	0									
24	05	9801	506	507	515	14	16	833	2	02	1	2	5	7	0	0									
24	08	9800	509	510	515	15	16	833	1	01	1	1	5	5	0	0		3							
24	11	9797	504	505	512	14	10	833	4	02	2	4	5	5	0	0		3							
24	14	9799	500	502	510	00	00	833	7	03	1	2	5	6				3							
24	17	9802	502	503	515	13	12	833	7	02	1	7	5	6				4							
24	20	9814	507	508	517	13	04	833	5	01	2	1	5	6	0	0		4							
24	23	9814	507	508	517	11	03	833	5	03	1	5	5	6	0	0		4		14	22	313	0000	001	509
25	02	9820	510	511	521	14	09	833	1	01	1	0	5	6	0	0									
25	05	9826	512	513	521	13	07	833	1	02	1	1	5	7	0	0									
25	08	9836	512	513	521	00	00	833	1	02	1	1	5	7	0	0									
25	11	9847	509	510	521	00	00	833	1	02	0	0	5	9	0	1			6						
25	14	9849	507	508	518	00	00	833	1	02	0	0	5	9	0	1			6						
25	17	9845	508	509	523	00	00	833	1	02	0	0	5	9	0	1			6						
25	20	9829	511	512	523	15	12	833	1	02	0	0	5	9	0	1			6						
25	23	9810	513	514	521	15	17	833	0	01	0	0	5	9	0	0				15	24	204	0000	505	513
26	02	9781	515	515	521	15	23	833	0	36	0	0	0	9	0	0									
26	05	9750	513	513	522	00	00	833	0	02	0	0	0	9	0	0									
26	08	9718	512	513	521	00	00	833	0	02	0	0	0	9	0	0									
26	11	9700	511	512	520	00	00	833	0	02	0	0	0	9	0	0									
26	14	9687	510	511	519	00	00	833	0	02	0	0	0	9	0	0									
26	17	9686	508	509	516	00	00	833	0	02	0	0	0	9	0	0									
26	20	9704	512	512	518	00	00	833	0	02	0	0	0	9	0	0									
26	23	9725	513	513	520	12	17	833	0	02	0	0	0	9	0	0				14	27	215	0000	507	515
27	02	9766	513	514	521	12	20	833	0	02	0	0	0	9	0	0									
27	05	9802	513	514	522	12	27	833	0	36	3	0	0	9	0	0									
27	08	9842	513	513	521	13	26	833	0	36	3	0	0	7	3	0	2	1							
27	11	9877	506	507	514	12	19	833	3	03	3	1	5	7			2								
27	14	9917	502	503	508	12	11	408	7	71	2	7	5	7			2								
27	17	9947	503	503	511	12	12	811	7	15	1	8	5	7			2								
27	20	9973	507	508	515	12	16	833	1	01	1	7	5	7	0	0	2								
27	23	9997	508	509	514	15	17	833	1	02	1	7	5	7	0	0	2			12	32	510	0000	502	515

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	02	0007	509	510	516	15	18	83	0	01	0	0	0	9	0	0									
28	05	0014	510	510	517	15	16	83	0	02	0	0	0	9	0	0									
28	08	0009	503	504	514	13	16	83	0	02	0	0	0	9	0	0									
28	11	9988	001	501	511	12	23	83	2	03	0	0	0	9	0	1			6						
28	14	9971	005	003	507	11	16	83	2	02	1	0	0	9	0	1			6						
28	17	9946	002	001	508	12	16	83	6	03	1	0	0	9	0	6			6						
28	20	9912	001	000	508	13	22	83	8	03	2	0	0	9	0	7			6						
28	20	9912	001	000	508	13	22	83	8	03	2	0	0	9	0	7			5						
28	23	9878	004	003	507	12	19	83	2	02	1	0	0	9	0	8			6	12	30	504	0000	006	511
29	02	9847	005	003	507	09	09	83	4	02	1	0	0	9	2	0		1							
29	05	9822	007	006	503	08	12	83	8	03	2	0	0	9	2			1							
29	08	9795	010	007	502	12	26	83	8	02	2	0	0	9	2			1							
29	11	9792	008	006	53	06	05	83	8	02	2	0	0	9	2			1							
29	14	9776	015	012	000	12	26	82	8	05	2	0	0	9	2			1							
29	17	9773	015	012	000	10	28	80	8	05	2	0	0	9	2			1							
29	23	9765	013	013	010	10	35	01		38	3									10	41	675	0000	016	004
30	02	9766	015	014	012	11	35	00		38	3														
30	05	9768	015	015	012	11	32	01		38	3														
30	08	9768	015	015	013	10	28	00		39	3														
30	11	9776	014	014	013	08	25	00		39	3														
30	14	9781	014	014	013	10	25	00		39	3														
30	17	9781	014	014	012	09	17	16	8	38	3	0	0	9	2		2								
30	20	9756	015	014	013	09	19	08	8	71	7	0	0	9	2		2								
30	23	9735	015	014	013	08	12	08	8	71	7	0	0	9	2		2			11	44	833	0002	016	013

Results of Surface Observations,
MAWSON – Oct., 1956

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
		ub × 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	9711	014	013	010	12	22	16	8	36	7	0	0	9	2		2								
01	05	9698	013	012	008	11	17	40	8	71	7	0	0	9	2			1							
01	08	9685	013	012	008	11	25	40	8	36	7	0	0	9	2										
01	11	9684	014	013	008	12	28	81	8	36	3	0	0	9	2			1							
01	14	9692	016	014	008	12	23	81	8	05	3	0	0	9	1			1							
01	17	9702	016	015	011	12	23	40	8	36	2	0	0	9	1			1							
01	20	9709	014	013	010	12	28	16	8	36	3	0	0	9	1										
01	23	9701	014	013	012	13	31	02	8	36	3	0	0	9	1			1		12	40	704	0004	017	013
02	02	9692	014	014	013	13	39	00		39	3														
02	05	9692	015	015	014	13	43	00		39	3														
02	08	9688	017	016	015	13	45	00		39	3														
02	11	9680	017	017	016	12	47	00		39	3														
02	14	9671	018	018	016	12	48	00		39	3														
02	17	9683	018	018	016	11	47	00		39	3														
02	20	9688	017	017	016	11	47	00		39	3														
02	23	9690	017	017	016	11	50	00		39	3											272	0011	018	014
03	02	9702	017	017	016	11	46	00		39	3														
03	05	9713	017	016	016	11	50	00		39	3														
03	08	9734	017	016	015	10	44	00		39	3														
03	11	9766	016	016	015	10	37	00		39	3														
03	14	9793	017	017	016	09	21	16		36	3	5	5	6	3		2	2							
03	17	9811	016	015	012	09	20	80	5	05	3	2	5	6	3	0	2	2							
03	20	9825	015	014	009	10	17	81	8	15	2	8	5	6			2								
03	23	9832	015	013	008	11	16	83	8	02	2	8	5	6			2					905	0030	018	015
04	00	9836	015	013	005	12	28	83	8	02	2	8	5	6			2								
04	02	9838	016	013	006	12	22	83	8	02	2	8	5	6			2								
04	05	9842	016	013	006	11	23	83	8	02	2	8	6	6			2								
04	08	9851	015	013	006	13	26	81	8	36	2	8	6	7			2								
04	11	9860	017	014	007	13	19	83	8	02	3	8	6	7			2								
04	14	9863	016	013	004	13	18	83	8	02	2	8	6	7			2								
04	17	9871	013	011	001	13	19	83	8	02	2	8	6	7			2								
04	20	9875	012	009	501	13	20	83	4	01	2	4	6	7	0	0	2			12	31	572	0000	017	011
05	02	9883	012	010	501	13	21	83	7	03	1	0	0	9	2			2							
05	05	9892	012	010	501	13	19	83	8	03	2	0	0	9	2			2							
05	08	9892	014	012	003	12	16	82	8	05	2	0	0	9	2			2							
05	11	9900	016	014	004	11	14	83	8	02	2	0	0	9	2			2							
05	14	9912	017	015	007	11	13	40	8	71	2	0	0	9	2			2							
05	17	9915	017	015	009	11	13	24	8	71	7	0	0	9	2			2							
05	20	9925	014	013	008	12	10	40	8	71	7	0	0	9	2			2							
05	23	9934	011	010	003	12	17	82	1	36	7	0	0	9	1	0		2		12	26	473	0000	017	011
06	02	9933	010	009	003	12	21	83	0	02	1	0	0	9	0	0									
06	05	9930	010	009	002	12	17	83	7	03	1	7	5	7			2								
06	08	9931	010	008	000	13	21	83	8	02	2	8	5	7			2								
06	11	9900	011	010	005	12	31	24	8	36	3	8	5	7			2								
06	14	9879	013	012	007	11	34	40	8	36	3	8	5	7			2								
06	17	9816	012	011	010	11	37	00		39	3														
06	20	9759	010	010	010	11	45	00		39	3														
06	23	9700	009	009	009	12	52	00		39	3											899	0002	013	009
07	02	9630	009	009	009	12	65	00		39	3														
07	05	9593	009	009	009	12	70	00		39	3														
07	08	9585	009	009	009	12	67	00		39	3														
07	11	9588	011	011	011	12	66	00		39	3														
07	14	9572	012	012	012	12	74	00		39	3														
07	17	9589	013	013	013	12	61	00		39	3														
07	20	9602	015	014	012	13	59	03		38	3														
07	23	9628	015	014	012	13	58	02		38	3											766	0153	015	009
08	02	9653	017	015	012	13	57	08		38	3														
08	05	9675	018	016	010	13	52	80	8	05	3	8	6	6			2								
08	08	9688	018	015	008	13	52	24	8	05	2	8	6	6			2								
08	11	9713	019	016	008	13	52	64	8	05	2	8	6	6			2								
08	14	9732	019	016	008	13	47	80	8	05	2	8	6	6			2								
08	17	9748	019	016	004	13	41	83	5	01	2	7	6	9	7	8									
08	20	9781	018	015	004	14	30	83	7	03	2	7	5	7			2								
08	23	9808	013	010	501	15	31	83	1	01	2	1	5	7	0	0	2					214	0142	019	013
09	02	9826	011	009	502	15	25	83	1	02	0	1	5	7	0	0	2								
09	05	9832	009	007	504	15	23	83	0	02	0	0	0	9	0	0									
09	08	9842	009	007	504	16	17	83	0	02	0	0	0	9	0	0									
09	11	9847	013	011	001	15	08	83	0	02	0	0	0	9	0	0									
09	14	9848	014	012	005	00	00	83	0	02	0	0	0	9	0	0									
09	17	9844	013	011	003	24	05	83	0	02	0	0	0	9	0	0									
09	20	9846	009	008	003	00	00	83	0	02	0	0	0	9	0	0									
09	23	9839	008	006	504	13	27	83	0	02	0	0	0	9	0	0						373	0000	017	008

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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	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	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	02	9836	006	004	505	15	22	83	0	02	0	0	99	00	00									
10	05	9842	004	003	507	12	25	83	0	02	0	0	99	00	00									
10	08	9837	007	005	506	14	13	83	0	02	0	0	99	00	00									
10	11	9833	011	008	504	09	19	83	0	02	0	0	99	00	00									
10	14	9835	013	010	502	06	08	83	0	02	0	0	99	00	00									
10	17	9822	016	011	508	11	08	83	0	02	0	0	99	00	00									
10	20	9818	008	006	501	14	06	83	0	02	0	0	99	00	00									
10	23	9809	004	002	507	13	14	83	0	02	0	0	99	00	00				15	35	381	0000	016	002
11	02	9809	006	003	509	09	16	83	0	02	0	0	99	00	00									
11	05	9809	003	001	508	00	00	83	0	02	0	0	99	00	00									
11	08	9812	005	004	507	00	00	83	0	02	0	0	99	00	00									
11	11	9801	009	006	507	00	00	83	0	02	0	0	99	00	00									
11	14	9793	012	010	502	20	04	83	0	02	0	0	99	00	00									
11	17	9783	015	012	004	00	00	83	0	02	0	0	99	00	00									
11	20	9782	007	006	002	00	00	83	0	02	0	0	99	00	00									
11	23	9766	007	005	004	15	25	83	0	02	0	0	99	00	00				14	32	195	0000	015	002
12	02	9769	009	007	507	13	24	83	0	02	0	0	99	00	00									
12	05	9766	003	002	509	14	25	83	0	02	0	0	99	00	00									
12	08	9768	001	500	510	12	34	83	0	02	0	0	99	00	00									
12	11	9781	006	004	506	10	27	83	1	02	1	5	79	00	00	2								
12	14	9781	010	007	505	10	17	83	1	02	1	5	79	00	00	2								
12	17	9782	008	006	505	12	17	83	0	02	0	0	99	00	00									
12	20	9786	002	000	510	12	27	83	0	02	0	0	99	00	00									
12	23	9795	501	502	511	12	26	83	0	02	0	0	99	00	00				12	45	563	0000	010	502
13	02	9795	500	502	511	13	25	83	0	02	0	0	99	00	00									
13	05	9796	500	502	511	14	19	83	0	02	0	0	99	00	00									
13	08	9798	001	500	511	13	21	83	0	02	0	0	99	00	00									
13	11	9799	004	002	509	12	27	83	0	02	0	0	99	00	00									
13	14	9800	007	005	506	10	26	83	0	02	0	0	99	00	00									
13	17	9803	006	004	505	11	21	83	1	03	1	5	87	00	00	2								
13	20	9802	003	002	508	11	29	83	7	03	7	5	7			2								
13	23	9803	000	501	511	11	33	83	7	02	7	5	7			2			12	38	591	0000	008	503
14	02	9809	501	502	512	12	30	83	1	01	1	5	77	00	00	2								
14	05	9805	502	503	512	11	26	83	3	03	2	5	79	00	00	2								
14	08	9805	500	501	510	12	28	83	6	03	1	0	04	00	00		1							
14	11	9799	004	003	505	12	27	83	7	03	2	0	03	00	00		1							
14	14	9796	008	006	501	12	22	83	7	02	2	0	03	66	00		1	7						
14	17	9794	007	006	503	12	20	83	7	02	2	5	66	06	00	2		7						
14	20	9789	003	001	507	12	27	83	4	01	1	2	56	32	00	2	6	7						
14	23	9786	003	001	508	11	25	83	5	02	1	2	56	30	00	2	6		12	38	618	0000	009	502
15	02	9780	000	501	511	12	33	83	3	01	1	3	56	00	00	2								
15	05	9784	002	001	507	13	25	83	8	03	2	8	56			2								
15	08	9782	002	001	506	14	25	83	7	02	2	7	56			2								
15	11	9776	006	004	504	12	16	83	7	02	2	7	56			2								
15	14	9777	007	005	504	12	17	83	5	01	2	0	09	30	00		6							
15	17	9771	007	005	504	11	12	83	6	02	2	0	09	31	00		6	7						
15	20	9768	002	001	507	11	10	83	5	02	2	0	09	31	00		6	7						
15	23	9769	502	503	510	12	17	83	8	03	2	0	09	7			6		12	41	467	0000	008	502
16	02	9769	506	506	513	14	23	83	8	02	2	0	09	7			6							
16	05	9770	504	505	511	14	17	84	8	71	7	8	66											
16	08	9773	503	504	510	13	13	40	8	71	7	8	66				6							
16	11	9769	001	500	509	14	14	81	8	02	2	8	55				6							
16	14	9772	005	003	511	14	04	82	7	05	2	7	56				6							
16	17	9779	000	501	507	04	06	83	1	01	2	1	56	00	00		6							
16	20	9788	502	502	507	00	00	83	0	02	1	0	09	00	00									
16	23	9797	507	508	514	14	16	83	0	02	0	0	09	00	00				15	28	305	0000	005	508
17	02	9809	511	511	517	15	25	83	0	02	0	0	09	00	00									
17	05	9821	509	510	518	15	12	83	0	02	0	0	09	00	00									
17	08	9840	506	507	516	00	00	83	1	03	0	6	69	00	00									
17	11	9855	504	505	511	00	00	83	0	02	0	0	99	00	00									
17	14	9873	501	502	511	00	00	83	3	03	0	0	99	00	00		6							
17	17	9884	500	501	507	00	00	83	4	02	0	0	99	00	00		6							
17	20	9894	501	502	509	06	04	83	0	01	0	0	99	00	00									
17	23	9890	503	504	512	13	25	83	1	03	0	0	99	01	00				15	35	237	0000	001	511
18	02	9872	505	506	512	13	38	83	3	36	0	0	99	11	00		1							
18	05	9871	501	502	511	13	44	81	3	36	0	0	99	12	00		1							
18	08	9885	001	000	506	13	39	81	5	36	0	0	99	22		2								
18	11	9910	004	003	505	13	37	81	8	36	0	0	99	22		2								
18	14	9935	007	005	504	12	35	81	8	02	0	0	99	22		2								
18	17	9951	007	005	505	12	30	81	8	05	0	0	99	22		2								
18	20	9947	006	004	505	10	27	81	8	05	0	0	99	22		2								
18	23	9931	006	004	505	08	20	81	8	05	0	0	99	22		2			12	61	825	0000	007	505

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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
		lib x 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	9894	007	005	505	02	12	81	8	05	2	0	0	9	2		2								
19	05	9808	008	006	504	12	45	82	8	02	2	0	0	9	2		2								
19	08	9786	011	008	504	12	47	82	8	02	2	0	0	9	2		2								
19	11	9812	013	010	503	14	38	82	8	02	2	0	0	9	1,			4							
19	14	9855	017	015	509	04	05	83	6	01	2	0	0	9	1	8		4	4						
19	17	9858	016	015	511	27	09	83	2	01	1	0	0	9	0	2			5						
19	20	9844	010	010	508	18	04	83	0	01	1	0	0	9	0	0									
19	23	9825	008	006	502	12	17	83	0	02	0	0	0	9	0	0				12	63	559	0000	019	005
20	02	9816	007	005	503	00	00	83	0	02	0	0	0	9	0	0									
20	05	9809	005	004	505	00	00	83	0	02	0	0	0	9	0	0									
20	08	9788	005	004	501	00	00	83	0	03	0	0	0	9	2			6							
20	11	9764	010	008	501	05	04	83	8	02	2	0	0	9	2			6							
20	14	9740	010	009	501	10	28	81	8	02	2	0	0	9	2			6							
20	17	9737	009	007	503	10	23	81	8	02	2	0	0	9	2			6							
20	20	9728	006	006	506	11	26	02		39	3														
20	23	9674	006	006	506	11	26	00		39	3									10	42	460	0000	011	004
21	02	9616	005	005	505	11	40	00		39	3														
21	05	9527	005	005	504	12	48	00		39	3														
21	08	9453	004	004	504	12	58	00		39	3														
21	11	9443	006	006	505	12	54	00		39	3														
21	14	9537	007	007	507	14	35	00		39	3														
21	17	9597	010	009	508	16	18	08	8	38	3	0	0	9	2										
21	20	9619	008	008	508	20	03	82	4	15	7	3	5	6	3	0		5							
21	23	9639	002	001	508	15	17	83	0	02	1	0	0	9	0	0				13	74	951	0005	011	001
22	02	9665	500	500	501	15	22	81	1	36	3	0	0	9	1	0									
22	05	9685	001	000	504	00	00	83	3	03	1	0	0	9	1	0		6							
22	08	9709	001	000	505	00	00	83	5	03	1	0	0	9	7	1		6	7						
22	11	9721	003	002	503	00	00	83	8	02	2	0	0	9	1			6							
22	14	9719	011	009	504	12	16	24	8	71	2	0	0	9	2			6							
22	17	9686	010	010	510	12	30	00		39	7														
22	20	9679	012	012	512	11	31	01		38	3														
22	23	9668	015	015	515	11	38	03		38	3									11	42	473	0028	015	502
23	02	9688	015	015	515	11	35	00		38	3														
23	05	9711	012	012	512	11	37	00		38	3														
23	08	9728	010	010	510	12	37	00		39	3														
23	11	9741	012	012	512	13	35	00		39	3														
23	14	9761	013	013	513	13	31	08	7	36	3	7	5	6			2								
23	17	9775	013	012	511	13	31	40	6	36	3	6	5	6	0	0	2								
23	20	9783	010	010	510	12	34	08	7	36	3	7	5	6			2								
23	23	9792	014	013	511	13	31	24	8	36	3	8	5	6			2			12	45	912	0010	015	010
24	02	9810	014	013	009	13	25	32	8	36	3	8	5	6			2								
24	05	9824	014	013	011	13	20	40	8	36	3	8	5	6			2								
24	08	9829	015	014	010	14	11	40	8	71	3	8	5	6			2								
24	11	9818	017	016	010	13	11	83	5	01	7	0	0	9	0	8			6						
24	14	9812	017	015	011	23	04	83	5	02	1	0	0	9	0	2			6						
24	17	9785	016	015	010	00	00	83	2	01	1	0	0	9	0	0									
24	20	9762	013	011	005	14	16	83	0	02	1	0	0	9	0	0									
24	23	9746	003	003	502	15	28	82	0	36	3	0	0	9	0	0				14	41	351	0004	020	003
25	02	9722	002	002	503	14	25	83	0	36	3	0	0	9	0	0									
25	05	9709	501	501	503	14	33	16	0	37	3	0	0	9	0	0									
25	08	9697	003	002	502	14	35	81	0	36	3	0	0	9	0	0									
25	11	9709	009	008	001	00	00	83	0	02	3	0	0	9	0	0									
25	14	9728	009	007	000	24	11	83	0	02	0	0	0	9	0	0									
25	17	9744	009	008	002	00	00	83	0	02	0	0	0	9	0	0									
25	20	9768	008	007	000	13	15	83	0	02	0	0	0	9	0	0									
25	23	9790	001	500	507	14	30	83	1	03	0	0	0	9	0	5			6	14	47	442	0000	012	501
26	02	9807	502	502	508	14	23	83	1	02	0	0	0	9	0										
26	05	9816	001	500	508	12	27	83	8	03	1	0	0	9	2	5	7		6						
26	08	9823	006	004	507	13	19	83	8	02	2	0	0	9	2		7								
26	11	9822	006	005	502	12	30	82	8	02	3	0	0	9	2		7								
26	14	9818	007	006	503	11	38	01	8	36	3	0	0	9	2		7								
26	17	9820	007	007	506	11	30	04		38	3														
26	20	9823	005	005	505	12	35	00		37	3	0	0	9	7			7							
26	23	9833	006	005	000	12	37	81	7	36	3	0	0	9	7			7		11	60	789	0000	007	502
27	02	9842	005	004	000	12	33	83	3	36	3	0	0	9	7	0									
27	05	9847	003	002	504	12	37	83	5	36	3	0	0	9	7	0		7							
27	08	9848	006	005	504	12	32	83	1	01	3	0	0	9	7	2			5						
27	11	9844	008	007	502	12	32	83	2	03	3	0	0	9	0	8			5						
27	14	9848	012	009	001	11	23	83	1	02	3	0	0	9	0	0									
27	17	9838	011	009	501	11	21	83	0	01	3	0	0	9	0	0									
27	20	9830	011	009	501	11	14	83	0	02	3	0	0	9	0	0									
27	23	9819	002	000	508	12	17	83	0	02	3	0	0	9	0	0				12	51	683	0015	012	001

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	02	9811	000	501	509	14	19	83	0	02	0	0	0	9	0	0									
28	05	9788	504	505	512	13	22	83	0	02	0	0	0	9	0	0									
28	08	9770	002	001	512	13	16	83	0	02	0	0	0	9	0	0									
28	11	9755	007	005	507	12	16	83	0	02	0	0	0	9	0	0									
28	14	9742	008	006	506	03	06	83	0	02	0	0	0	9	0	0									
28	17	9730	010	007	504	08	13	83	0	02	0	0	0	9	0	0									
28	20	9725	004	002	507	12	17	83	0	02	0	0	0	9	0	0									
28	23	9722	000	501	511	13	25	83	0	02	0	0	0	9	0	0				13	34	419	0000	010	504
29	02	9724	503	504	513	13	28	83	1	03	0	1	5	7	0	0	4								
29	05	9727	503	504	513	13	28	83	1	36	0	1	5	7	0	0	4								
29	08	9739	501	502	511	13	29	83	1	01	3	1	5	7	0	0	4								
29	11	9756	004	003	508	12	24	83	1	02	0	1	5	7	0	0	4								
29	14	9774	008	006	504	12	17	83	1	02	1	1	5	7	0	0	4								
29	17	9790	010	007	504	11	14	83	0	01	1	0	0	9	0	0									
29	20	9803	005	003	505	10	19	83	0	02	0	0	0	9	0	0									
29	23	9818	003	001	508	12	22	83	0	02	0	0	0	9	0	0				14	37	582	0000	010	504
30	02	9828	501	502	511	14	23	83	1	03	0	1	5	7	0	0	4								
30	05	9833	502	503	510	15	22	83	4	03	1	4	5	7	0	0	3								
30	08	9838	001	500	509	14	20	83	6	03	2	6	5	7	0	0	3								
30	11	9836	007	005	506	12	21	83	1	01	2	1	5	7	0	0	3								
30	14	9834	011	008	503	11	19	83	1	02	0	1	5	7	0	0	2								
30	17	9826	011	009	503	11	14	83	2	03	1	2	5	7	0	0	2								
30	20	9822	007	005	505	11	20	83	7	03	1	7	5	7			2								
30	23	9810	006	004	505	12	19	83	7	02	2	7	5	7			2			14	31	497	0000	012	503
31	02	9806	005	004	507	12	21	83	7	02	2	7	5	7			2								
31	05	9795	003	002	508	11	25	83	5	01	2	5	5	8	0	0	2								
31	08	9785	006	004	505	11	25	83	8	02	2	8	6	8			2								
31	11	9764	011	009	000	11	23	83	8	02	2	8	6	8			2								
31	14	9763	013	011	004	11	22	83	8	02	2	8	6	8			2								
31	17	9752	016	014	007	10	19	83	8	02	2	8	6	8			2								
31	20	9750	017	015	008	11	26	83	8	15	2	8	6	7			2								
31	23	9747	017	015	007	11	33	83	7	02	2	7	5	7			2			11	47	604	0000	018	003

Results of Surface Observations,
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LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND							LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
01	02	9735	020	018	010	11	39	83	8	02	2	8	5	7			2								
01	05	9730	022	018	009	11	47	82	8	05	2	8	5	7	1		2								
01	08	9747	021	019	015	11	42	40	8	38	3	8	5	7			2								
01	11	9775	023	020	013	11	35	82	4	36	3	4	5	8	0	0	2								
01	14	9788	023	021	018	11	38	80	4	38	3	4	5	8	0	0	2								
01	17	9802	022	020	015	11	33	80	6	38	3	4	5	8	3	0	2	2							
01	20	9816	023	019	011	11	35	82	7	05	3	5	5	8	3		2	2							
01	23	9819	023	019	010	11	37	82	8	05	2	4	5	8	7		2	2		11	62	015	0000	024	016
02	02	9831	024	020	009	11	30	83	8	02	2	8	5	8			2								
02	05	9831	024	019	008	11	32	83	8	02	2	8	5	8			2								
02	08	9828	025	020	009	12	25	83	5	01	2	3	5	8	5		2	3							
02	11	9837	026	022	009	11	17	83	5	01	2	0	5	9	3	0			1						
02	14	9833	027	023	014	11	19	83	7	03	2	0	0	9	0	2			1						
02	17	9832	026	022	013	11	14	83	7	02	2	0	0	9	0	6			1						
02	20	9835	022	017	006	11	22	83	3	01	2	0	0	9	0	6			1						
02	23	9836	018	014	002	11	26	63	1	01	1	0	0	9	0	8			1	11	49	625	0000	028	016
03	02	9845	015	012	502	12	18	83	6	03	1	0	0	9	0	8			1						
03	05	9845	014	011	502	12	25	83	6	02	2	0	0	9	0	8			1						
03	08	9847	015	012	000	12	21	83	2	02	2	0	0	9	0	6			1						
03	11	9841	021	016	003	11	20	83	5	03	1	0	0	9	0	8			1						
03	14	9844	025	021	008	08	12	83	7	02	2	1	5	8	0	8	1		1						
03	17	9841	023	019	007	10	11	83	7	02	2	7	5	8			1		1						
03	20	9843	020	017	006	11	13	83	8	02	2	8	5	8			1		1						
03	23	9843	018	015	005	12	13	83	7	02	2	7	5	8			1		1	12	34	456	0000	026	014
04	02	9839	016	013	005	14	11	83	8	02	2	5	5	8	3		1								
04	05	9831	011	009	000	15	18	83	1	01	2	1	5	8	0	0									
04	08	9817	015	012	003	14	15	83	0	02	1	0	0	9	0	0									
04	11	9804	019	016	004	12	16	83	0	20	0	0	0	9	0	0									
04	14	9790	024	020	007	11	09	83	0	02	0	0	0	9	0	0									
04	17	9777	022	018	006	00	00	83	0	02	0	0	0	9	0	0									
04	20	9757	020	016	005	00	00	83	0	02	0	0	0	9	0	0									
04	23	9738	011	009	000	14	17	83	0	02	0	0	0	9	0	0				15	23	291	0000	025	011
05	02	9724	006	005	504	14	25	83	0	02	0	0	0	9	0	0									
05	05	9716	008	006	505	14	22	83	0	02	0	0	0	9	0	0									
05	08	9713	012	009	502	14	14	83	0	02	0	0	0	9	0	0									
05	11	9720	016	013	000	11	16	83	0	02	0	0	0	9	0	0									
05	14	9742	018	015	004	01	03	83	0	02	0	0	0	9	0	0									
05	17	9773	020	016	005	08	08	83	0	02	0	0	0	9	0	0									
05	20	9800	013	011	001	12	17	83	2	03	0	0	0	9	0	5			6						
05	23	9825	010	008	501	12	33	83	3	03	1	0	0	9	0	5			6	14	38	414	0000	020	005
06	02	9856	010	008	501	14	19	83	3	03	1	3	5	7	0	0	2								
06	05	9875	008	006	504	14	20	83	8	03	1	8	5	7			2								
06	08	9893	012	010	001	14	17	83	8	02	2	8	5	7			2								
06	11	9912	014	011	001	13	22	83	8	02	2	8	5	7			2								
06	14	9929	017	014	004	13	08	83	8	02	2	8	5	7			2								
06	17	9943	018	015	004	11	07	83	8	02	2	8	5	7			2								
06	20	9948	013	011	001	12	15	83	5	01	2	4	5	7	0	2	4		7						
06	23	9951	010	008	501	14	13	83	3	01	2	0	5	9	0	1			7	13	31	430	0000	018	008
07	02	9953	005	004	505	14	23	83	0	02	1	0	0	9	0	0									
07	05	9952	007	005	503	14	17	83	0	02	0	0	0	9	0	0									
07	08	9956	012	010	501	00	00	83	0	02	0	0	0	9	0	0									
07	11	9951	015	012	001	29	04	83	0	02	0	0	0	9	0	0									
07	14	9946	017	015	005	27	04	83	0	02	0	0	0	9	0	0									
07	17	9939	018	016	008	27	07	83	0	02	0	0	0	9	0	0									
07	20	9930	017	015	011	00	00	83	7	03	1	0	0	9	0	1			5						
07	23	9921	014	012	002	13	15	83	8	02	1	0	0	9	0	7			5	14	29	264	0000	019	005
08	02	9923	014	011	000	12	22	83	8	02	2	0	0	9	0	7			6						
08	05	9914	014	011	000	11	26	83	8	02	2	0	0	9	1			1							
08	08	9900	016	013	002	10	25	83	8	02	2	0	0	9	1			1							
08	11	9888	019	015	005	10	33	83	7	02	2	0	0	9	1			1							
08	14	9880	020	016	006	10	36	83	8	03	2	8	6	7			1								
08	17	9876	020	017	008	10	36	83	8	02	2	8	6	7			1								
08	20	9874	020	016	007	10	35	83	8	02	2	8	6	6			2								
08	23	9871	018	015	007	12	34	83	8	02	2	8	6	6			2			10	47	825	0000	020	013
09	02	9875	018	015	006	12	33	83	8	02	2	8	6	6			2								
09	05	9876	018	015	006	12	29	83	8	02	2	5	6	6	2		2	2							
09	08	9872	020	017	008	11	27	83	8	02	2	8	6	6			2								
09	11	9866	023	019	008	10	22	83	8	02	2	8	6	6			2								
09	14	9857	025	021	010	10	31	83	8	02	2	8	6	6	2		2								
09	17	9844	024	020	009	09	31	83	8	02	2	8	6	6	2		2								
09	20	9828	023	019	008	10	31	83	8	15	2	8	6	6	2		2								
09	23	9809	018	017	014	10	39	08	8	38	2	8	6	6	2		2			11	51	818	0000	025	018

Results of Surface Observations,
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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	9785	017	017	017	11	36	00		39	3														
10	05	9777	017	017	017	11	35	00		39	3														
10	08	9768	018	018	018	11	38	00		39	3														
10	11	9761	018	018	018	11	44	00		39	3														
10	14	9742	019	019	019	11	49	00		39	3														
10	17	9731	019	019	019	11	50	00		39	3														
10	20	9726	018	018	018	11	51	00		39	3														
10	23	9729	017	017	017	11	51	00		39	3												314		019	017
11	02	9737	017	017	017	11	47	00		39	3														
11	05	9744	018	018	018	11	47	00		39	3														
11	08	9748	020	020	020	11	47	00		39	3														
11	11	9761	020	020	020	11	48	00		39	3														
11	14	9782	021	021	021	10	46	00		39	3														
11	17	9798	020	020	020	10	46	01	8	36	3	7	5	7		1	2								
11	20	9817	020	020	020	10	42	01	7	36	3	7	5	7			2								
11	23	9852	020	020	020	11	39	80	8	36	3	7	5	7	1		2						181		021	017
12	02	9873	021	021	019	11	29	80	8	36	3	8	5	7			2								
12	05	9902	022	021	019	11	25	80	8	36	3	8	5	7			2								
12	08	9929	023	021	014	11	26	82	8	05	3	8	5	7			2								
12	11	9954	025	022	014	11	22	83	7	02	2	7	5	7			2								
12	14	9974	029	024	015	10	22	83	7	02	2	7	5	7			2								
12	17	9991	028	024	015	10	20	83	7	02	2	7	5	7			2								
12	20	0008	024	021	011	11	20	83	7	02	2	7	5	7			2								
12	23	0017	021	018	005	11	25	83	1	01	2	1	5	7	0	0	2						651	0157	029	020
13	02	0017	017	014	004	13	23	83	1	02	0	1	5	7	0	0	2								
13	05	0011	016	013	002	13	25	83	0	02	0	0	0	9	0	0									
13	08	0009	020	016	002	12	21	83	2	02	0	0	0	9	0	1			4						
13	11	0000	025	020	005	12	16	83	1	02	0	0	0	9	0	1			4						
13	14	9987	028	023	011	12	20	83	1	02	0	0	0	9	0	1			4						
13	17	9973	028	023	010	12	17	83	1	02	0	0	0	9	0	1			4						
13	20	9962	024	020	009	11	17	83	1	02	0	0	0	9	0	1			4						
13	23	9961	020	016	003	09	11	83	1	02	0	0	0	9	0	1			4	14	34	512	0000	028	015
14	02	9940	018	015	001	13	17	83	0	01	0	0	0	9	0	0									
14	05	9932	018	015	002	15	28	83	0	02	0	0	0	9	0	0									
14	08	9924	021	017	004	18	12	83	0	02	0	0	0	9	0	0									
14	11	9923	023	019	009	25	04	83	0	02	0	0	0	9	0	0									
14	14	9912	026	021	008	24	03	83	0	02	0	0	0	9	0	0									
14	17	9904	027	023	012	26	02	83	0	02	0	0	0	9	0	0									
14	20	9902	026	021	012	00	00	83	0	02	0	0	0	9	0	0									
14	23	9906	019	015	003	12	19	83	1	03	U	1	5	7	0	0				14	38	239	0000	027	017
15	02	9903	016	013	000	12	26	83	0	01	0	0	0	9	0	0									
15	05	9912	013	010	502	12	28	83	0	02	0	0	0	9	0	0									
15	08	9919	018	014	001	12	30	83	0	02	0	0	0	9	0	0									
15	11	9936	021	017	008	08	17	83	0	02	0	0	0	9	0	0									
15	14	9947	021	018	009	05	11	83	2	03	0	2	1	7	0	0	3								
15	17	9958	023	019	009	07	11	83	4	02	1	3	5	7	0	8	3		5						
15	20	9964	019	016	007	10	11	83	3	02	1	3	5	7	0	0	3								
15	23	9968	013	011	003	12	20	83	1	01	1	1	5	7	0	0	3			12	40	470	0000	023	011
16	02	9972	012	010	001	12	25	83	0	02	0	0	0	9	0	0									
16	05	9979	012	010	000	12	27	83	0	02	0	0	0	9	0	0									
16	08	9985	012	010	002	13	29	83	1	02	1	0	0	9	0	8			5						
16	11	9994	019	017	008	11	13	83	1	02	0	0	0	9	0	8			5						
16	14	9998	023	019	010	07	15	83	6	03	1	0	0	9	0	5			5						
16	17	0003	022	019	011	06	05	83	5	02	1	0	0	9	0	8			5						
16	20	0010	021	018	011	00	00	83	7	02	2	7	5	7			3								
16	23	0012	021	018	011	11	16	83	7	02	2	7	5	7			3			13	40	476	0000	023	011
17	02	0011	020	018	010	12	20	83	8	03	2	8	5	7			3								
17	05	0013	020	017	010	12	25	83	7	01	2	7	5	7			3								
17	08	0005	022	019	011	12	23	83	7	02	2	7	5	7			3								
17	11	9996	027	023	014	11	17	83	7	02	2	7	5	7			3								
17	14	9990	029	025	016	07	21	83	8	02	2	6	5	7	1		2	2							
17	17	9982	029	025	018	05	10	83	8	02	2	6	5	7	1		2	2							
17	20	9974	026	023	017	00	00	83	8	02	2	4	5	7	3		2	2							
17	23	9960	023	020	012	10	21	83	8	02	2	4	5	7	1		2	2		12	35	425	0000	029	019
18	02	9954	018	016	007	11	23	83	8	02	2	4	5	7	1		2	2							
18	05	9940	018	015	007	11	29	83	8	02	2	3	5	7	1		2	2							
18	08	9931	022	019	008	11	23	83	8	02	2	2	5	7	1		2	2							
18	11	9923	025	021	014	11	25	83	8	02	2	2	5	7	1		2	2							
18	14	9914	027	024	018	11	27	81	8	05	2	3	5	6	1		2	2							
18	17	9915	026	023	017	10	30	81	8	05	2	0	0	9	2		2								
18	20	9917	025	022	017	10	27	81	8	05	2	0	0	9	2		2								
18	23	9917	023	020	015	10	26	81	8	05	2	0	0	9	2		2			12	38	694	0000	027	017

Results of Surface Observations, MAWSON — Nov., 1956

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	9918	021	019	014	11	26	81	8	05	2	0	0	9	2		2								
19	05	9921	021	019	014	12	29	82	8	05	2	0	0	9	2		2								
19	08	9920	023	021	014	11	31	82	8	05	2	1	5	6	2		2								
19	11	9918	027	024	017	12	26	82	8	05	2	0	0	9	2		2								
19	14	9919	029	025	019	12	29	82	8	05	2	0	0	9	2		2								
19	17	9923	029	025	018	12	25	82	8	05	2	0	0	9	2		2								
19	20	9927	027	023	016	12	29	82	7	05	2	3	5	6	7		2	2							
19	23	9936	025	022	015	12	25	82	7	05	2	2	5	6	7		2	2		12	47	704	0000	029	020
20	02	9950	025	021	013	13	25	82	7	05	2	2	5	6	7		2	2							
20	05	9960	024	021	014	13	24	83	6	02	2	6	5	6	0	0	2								
20	08	9965	026	022	013	13	26	83	8	02	2	8	5	6			2								
20	11	9970	030	026	018	10	21	83	6	01	2	2	5	7	0	8	2		2						
20	14	9973	034	029	019	09	12	83	6	02	2	2	1	7	0	2	2		2						
20	17	9970	034	028	019	08	08	83	3	01	1	1	1	7	0	2	2		3						
20	20	9969	031	027	021	00	00	83	6	03	1	0	0	9	4	2		3	3						
20	23	9954	023	021	013	12	17	83	6	03	2	0	0	9	3	0		3		12	38	464	0000	035	023
21	02	9944	022	019	011	12	23	83	6	02	2	0	0	9	3	0		3							
21	05	9934	023	020	011	12	22	83	7	02	2	0	0	9	7			2							
21	08	9928	025	021	013	09	03	83	8	02	2	2	5	7	7		3	2							
21	11	9919	027	023	015	05	10	83	8	02	2	2	5	7	7		3	2							
21	14	9906	029	025	017	03	05	83	7	02	2	0	0	9	7			2							
21	17	9890	029	025	017	00	00	83	7	02	2	1	1	7	7		3	2							
21	20	9877	026	023	016	00	00	83	6	02	2	0	0	9	7	2		2	2						
21	23	9872	025	021	014	07	10	83	7	02	2	0	0	9	7	2		2	2	12	35	284	0000	031	021
22	02	9859	023	020	011	11	15	83	8	02	2	0	0	9	1			2							
22	05	9847	024	020	012	12	19	83	8	02	2	0	0	9	1			2							
22	08	9844	024	021	011	11	20	83	8	02	2	0	0	9	2			2							
22	11	9833	026	023	015	11	25	83	8	02	2	6	6	7	2		2	2							
22	14	9829	028	024	016	11	25	83	8	02	2	3	6	7	2		2	2							
22	17	9830	024	023	019	11	30	40	8	38	7	8	6	7			2								
22	20	9830	023	022	019	11	29	81	8	38	3	3	6	7	2		2	2							
22	23	9833	021	021	021	11	30	03		38	3									11	45	624	0000	028	021
23	02	9840	023	022	017	12	29	81	8	02	3	3	6	7	2		2	2							
23	05	9836	024	021	014	12	28	82	8	02	2	5	6	7	3		2	2							
23	08	9830	025	022	015	12	24	82	8	02	2	8	5	7			2								
23	11	9811	027	024	019	10	30	81	8	02	2	7	5	7	2		2	2							
23	14	9797	028	025	021	11	35	80	8	38	2	4	5	7	2		2	2							
23	17	9775	030	026	018	12	38	82	8	02	2	8	6	7			2								
23	20	9764	030	026	020	12	40	64	8	38	2	8	6	7			2								
23	23	9755	029	027	024	13	42	64	8	38	3	8	6	7			2			12	65	849	0000	031	021
24	02	9748	031	028	021	13	39	80	8	38	3	8	6	7			2								
24	05	9747	029	026	020	12	38	80	8	36	3	2	5	7	7		2	2							
24	08	9758	029	028	025	12	33	40	8	36	3	4	5	7	7		2	2							
24	11	9767	033	030	025	11	28	81	8	05	3	3	5	7	2		2	2							
24	14	9774	033	030	024	12	30	81	8	05	3	5	5	7	2		2	2							
24	17	9772	033	029	024	12	33	81	8	05	3	4	5	7	2		2	2							
24	20	9768	033	030	024	12	32	82	8	05	3	5	5	7	0	1	2		2						
24	23	9772	033	029	022	11	35	83	8	02	2	8	5	7			2			13	61	875	0000	035	027
25	02	9780	030	027	019	12	31	83	6	02	2	6	5	7	0	0	2								
25	05	9772	030	025	015	11	37	83	2	01	2	2	5	7	0	0	2								
25	08	9776	032	027	017	11	33	83	0	02	1	0	0	9	0	0									
25	11	9779	033	028	021	12	32	83	0	02	0	0	0	9	0	0									
25	14	9798	035	029	019	12	30	83	0	02	0	0	0	9	0	0									
25	17	9799	032	027	018	12	30	83	0	02	0	0	0	9	0	0									
25	20	9797	030	025	014	12	39	83	0	02	0	0	0	9	0	0									
25	23	9814	023	021	013	11	38	83	0	02	0	0	0	9	0	0				13	61	823	0000	035	023
26	02	9829	022	020	013	10	23	83	1	03	0	1	5	7	0	0	2								
26	05	9832	027	023	014	12	33	83	3	03	1	3	5	7	0	0	2								
26	08	9840	027	023	014	12	39	83	7	02	2	7	5	7			2								
26	11	9854	029	024	015	13	33	83	6	01	2	6	5	7	0	0	2								
26	14	9862	029	025	017	13	35	83	1	01	1	1	5	7	0	0	2								
26	17	9867	030	025	014	13	32	83	1	02	1	1	5	7	0	0	2								
26	20	9863	028	023	014	13	35	83	7	03	1	7	5	7			2								
26	23	9868	026	022	011	13	30	83	7	02	2	7	5	7			2			12	60	836	0000	030	022
27	02	9864	027	022	010	13	31	83	6	02	2	6	5	7	0	0	2								
27	05	9856	027	023	011	13	31	83	5	02	2	5	5	7	0	0	2								
27	08	9851	029	024	012	13	27	83	2	02	2	5	5	7	0	0	2		2						
27	11	9848	031	026	013	13	26	83	6	03	1	6	5	7	0	0	2								
27	14	9845	034	028	016	12	22	83	0	01	1	0	0	9	0	0									
27	17	9843	035	029	016	10	14	83	0	02	0	0	0	9	0	0									
27	20	9840	033	027	016	04	05	83	0	02	0	0	0	9	0	0									
27	23	9834	025	021	012	15	17	83	0	02	0	0	0	9	0	0				13	44	515	0000	036	025

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10^{-1}	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	02	9826	023	019	008	16	29	83	0	02	0	0	0	9	0	0									
28	05	9823	023	019	005	13	27	83	0	02	0	0	0	9	0	0									
28	08	9827	026	021	009	13	26	83	0	02	0	0	0	9	0	0									
28	11	9836	032	026	013	10	11	83	0	02	0	0	0	9	0	0									
28	14	9842	035	028	014	09	08	83	0	02	0	0	0	9	0	0									
28	17	9843	035	029	016	28	05	83	0	02	0	0	0	9	0	0									
28	20	9845	032	028	020	27	07	83	0	02	0	0	0	9	0	0									
28	23	9851	028	024	017	14	07	83	0	02	0	0	0	9	0	0				13	44	294	0000	036	021
29	02	9853	023	020	013	15	23	83	0	02	0	0	0	9	0	0									
29	05	9857	024	020	008	13	25	83	0	02	0	0	0	9	0	0									
29	08	9866	024	020	009	13	22	83	0	02	0	0	0	9	0	0									
29	11	9865	030	025	012	08	03	83	0	02	0	0	0	9	0	0									
29	14	9865	029	025	015	32	04	83	0	02	0	0	0	9	0	0									
29	17	9868	030	024	010	27	02	83	1	02	0	1	1	7	0	0									
29	20	9862	029	025	017	24	06	83	0	02	0	0	0	9	0	0									
29	23	9864	023	020	012	13	21	83	0	02	0	0	0	9	0	0				12	35	370	0000	032	020
30	02	9866	020	017	008	13	25	83	0	02	0	0	0	9	0	0									
30	05	9864	020	017	007	13	28	83	0	02	0	0	0	9	0	0									
30	08	9863	022	019	009	13	25	83	1	03	0	0	0	9	0	1			7						
30	11	9867	029	024	014	10	13	83	3	01	2	0	0	9	0	2			7						
30	14	9866	033	027	017	11	14	83	1	01	1	1	5	7	0	0	2								
30	17	9867	030	026	020	07	11	83	7	03	1	7	5	7			2								
30	20	9867	029	026	019	12	11	83	7	02	2	7	5	7			2								
30	23	9862	025	022	015	13	20	83	7	02	2	5	5	7	0	1	2		7	14	40	387	0000	034	018

Results of Surface Observations,
MAWSON — Dec., 1956

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	9861	024	021	015	14	17	83	7	02	2	5	5	7	0	1	2		7						
01	05	9854	025	022	015	13	27	83	7	02	2	7	5	7			2								
01	08	9858	027	024	016	09	04	83	7	02	2	7	5	7			2								
01	11	9851	032	027	019	07	11	83	7	02	2	7	5	7			2								
01	14	9852	031	027	021	05	09	83	8	02	2	8	5	7			2								
01	17	9864	030	027	021	08	04	83	8	02	2	8	5	7			2								
01	20	9864	029	026	022	08	01	83	8	02	2	8	5	6			2								
01	23	9880	027	026	023	34	03	83	8	02	2	8	6	6			2			13	34	265	0000	034	023
02	02	9893	026			24	02	83	2	01	2	2	5	6	0	0	2								
02	05	9899	026			25	04	83	2	02	1	2	5	6	0	0	2								
02	08	9905	028	025	017	07	08	83	7	02	1	4	5	6	3		2	7							
02	11	9921	032	029	025	08	04	83	5	02	2	3	5	6	3	1	2	7	6						
02	14	9929	033	029	024	00	00	83	5	01	2	3	5	6	0	1	2		6						
02	17	9939	031	028	021	05	09	83	8	03	2	7	6	8			2								
02	20	9953	030	027	022	09	15	81	8	05	2	7	6	8			2								
02	23	9969	028	026	021	11	18	81	8	05	2	7	6	8			2			12	30	157	0000	033	026
03	02	9973	028	025	021	13	28	81	8	05	2	8	6	8			2								
03	05	9984	026	025	022	13	31	80	8	70	2	8	6	7			2								
03	08	9994	028	026	021	12	35	81	8	15	2	8	6	6			2								
03	11	0001	030	027	022	11	38	80	8	05	2	0	0	9	2		1								
03	14	0012	031	028	023	11	37	24	8	71	2	0	0	9	2		1								
03	17	0015	030	027	022	11	38	80	8	38	2	0	0	9	2		1								
03	20	0028	028	026	023	11	35	16		38	3														
03	23	0030	026	024	020	12	35	80	8	70	3	3	6	5	2		2			11	51	803	0000	031	026
04	02	0032	026	024	021	12	38	82	8	05	2	0	0	9	2		2								
04	05	0038	026	025	022	12	36	82	8	05	2	0	0	9	2		3								
04	08	0007	029	024	016	12	24	82	8	05	2	0	0	9	2		3								
04	11	9983	032	027	017	12	17	82	8	05	2	8	6	7			3								
04	14	9952	036	030	019	08	16	82	8	05	2	8	6	7			3								
04	17	9931	035	030	020	12	22	83	7	01	2	0	0	9	1			2							
04	20	9910	032	026	017	13	23	83	5	01	2	0	0	9	1	8		2	8						
04	23	9898	027	023	015	13	28	83	6	02	1	0	0	9	1	8		2	8	11	40	533	0000	037	026
05	02	9890	025	021	011	13	26	83	6	02	2	0	0	9	1	8		2	8						
05	05	9880	027	023	010	13	28	83	6	02	2	0	0	9	3	1		2	1						
05	08	9874	029	024	014	13	26	83	6	02	2	0	0	9	3	1		2	1						
05	11	9873	034	028	016	11	21	83	6	02	2	0	0	9	3	1		2	1						
05	14	9887	037	030	018	11	21	83	7	02	2	0	0	9	3			2							
05	17	9895	036	030	019	11	25	83	5	01	2	0	0	9	7	0		2							
05	20	9906	031	026	017	11	26	83	2	02	1	0	0	9	3	0		2							
05	23	9921	027	023	014	12	30	83	5	03	1	0	0	9	3	0		2		12	44	589	0000	037	025
06	02	9931	025	021	012	12	30	83	7	02	2	0	0	9	7			2							
06	05	9927	027	024	018	11	38	83	7	02	2	0	0	9	7			2							
06	08	9940	031	027	020	11	35	83	7	02	2	0	0	9	7			2							
06	11	9951	034	030	023	09	30	83	6	02	2	2	5	6	7	0	2	2							
06	14	9955	035	030	023	10	28	83	7	02	2	7	5	6		1	2		2						
06	17	9953	035	030	023	10	26	83	2	01	2	5	5	6	3	0	2	2							
06	20	9946	032	028	022	10	26	83	2	02	1	2	5	6	0	0	2								
06	23	9937	031	027	022	11	30	83	7	02	2	7	5	6			2			11	52	785	0000	035	025
07	02	9930	031	028	022	13	30	83	8	02	2	8	5	6			2								
07	05	9917	031	027	021	13	31	83	5	01	2	5	5	6	0	0	2								
07	08	9905	032	027	017	12	31	83	2	01	2	1	5	7	0	1	2		2						
07	11	9890	036	031	023	12	33	83	1	01	1	0	0	9	0	1			2						
07	14	9880	039	033	024	11	28	83	0	01	1	0	0	9	0	0									
07	17	9872	039	033	024	11	26	83	0	02	0	0	0	9	0	0									
07	20	9874	035	030	021	10	26	83	1	03	0	0	0	9	0	5			2						
07	23	9885	031	026	018	10	26	83	5	03	1	0	0	9	7	0		2		12	49	715	0000	040	030
08	02	9894	029	024	016	10	26	83	8	03	2	0	0	9	1			2	2						
08	05	9887	029	025	016	11	25	83	8	02	2	0	0	9	1			2	2						
08	08	9883	031	027	018	11	25	83	8	02	2	0	0	9	1			2	2						
08	11	9893	034	029	021	08	16	83	8	02	2	0	0	9	1			2	2						
08	14	9899	034	030	024	08	21	83	8	02	2	0	0	9	2			2	2						
08	17	9903	034	030	025	08	17	83	8	02	2	0	0	9	1			2	2						
08	20	9903	033	028	021	10	24	83	7	02	2	0	0	9	1			2	2						
08	23	9906	031	027	020	12	31	83	7	02	2	0	0	9	1			2		12	45	578	0000	034	028
09	02	9907	031	026	016	12	35	83	6	02	2	0	0	9	1	0		2							
09	05	9906	031	026	016	12	36	83	7	02	2	0	0	9	1			2							
09	08	9913	031	027	019	12	31	83	8	02	2	0	0	9	7			3							
09	11	9919	035	030	022	12	26	83	8	02	2	0	0	9	7			3							
09	14	9926	036	031	022	12	28	83	8	02	2	0	0	9	7			3							
09	17	9931	035	030	022	12	30	83	8	02	2	0	0	9	2			3							
09	20	9938	033	029	021	13	26	83	8	02	2	0	0	9	2			3							
09	23	9948	032	027	018	13	31	83	7	02	2	0	0	9	2			3		12	49	731	0000	036	028

Results of Surface Observations,
MAWSON – Dec., 1956

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	9946	031	026	013	13	30	83	7	02	2	0	0	9	2			3							
10	05	9952	032	026	013	13	31	83	6	02	2	0	0	9	2	1		3							
10	08	9957	032	023	012	13	26	83	6	02	2	0	5	7	3	1	2	3							
10	11	9957	036	030	020	12	20	83	2	01	2	0	0	9	3	2									
10	14	9957	041	034	023	10	11	83	2	02	1	0	0	9	3	2									
10	17	9962	039	034	025	00	00	83	2	02	1	0	0	9	3	2									
10	20	9960	036	031	024	24	03	83	2	02	1	0	0	9	3	2									
10	23	9957	031	026	016	13	23	83	1	01	1	0	0	9	0	1			3	13	45	462	0000	041	030
11	02	9959	030	025	013	14	18	83	1	02	0	0	0	9	0	1			4						
11	05	9956	029	024	013	15	13	83	1	02	0	0	0	9	0	1			4						
11	08	9941	031	025	013	13	25	83	0	02	0	0	0	9	0	0									
11	11	9936	037	030	019	12	15	83	0	02	0	0	0	9	0	0									
11	14	9940	037	031	021	00	00	83	0	02	0	0	0	9	0	0									
11	17	9932	035	029	021	25	03	83	0	02	0	0	0	9	0	0									
11	20	9932	035	030	022	00	00	83	0	02	0	0	0	9	0	0									
11	23	9930	033	028	021	15	15	83	0	02	0	0	0	9	0	0				13	35	315	0000	039	028
12	02	9929	026	022	011	13	25	83	0	02	0	0	0	9	0	0									
12	05	9921	030	024	012	14	26	83	0	02	0	0	0	9	0	0									
12	08	9922	031	026	013	14	17	83	0	02	0	0	0	9	0	0									
12	11	9916	035	029	018	00	00	83	0	02	0	0	0	9	0	0									
12	14	9909	034	029	022	24	04	83	0	02	0	0	0	9	0	0									
12	17	9911	035	030	023	24	04	83	0	02	0	0	0	9	0	0									
12	20	9900	035	029	021	00	00	83	1	03	0	0	0	9	0	1			6						
12	23	9896	033	028	019	13	04	83	3	03	1	0	0	9	0	1			6	14	38	288	0000	037	026
13	02	9889	026	022	013	15	23	83	2	02	1	0	0	9	0	1			6						
13	05	9885	024	021	011	15	23	83	1	02	1	0	0	9	0	1			7						
13	08	9880	028	024	014	14	18	83	3	02	1	0	0	9	0	1			7						
13	11	9874	035	029	018	12	11	83	5	03	1	0	0	9	0	2			7						
13	14	9876	035	029	020	07	02	83	6	03	2	0	0	9	0	2			8						
13	17	9876	037	031	022	00	00	83	5	02	2	0	0	9	0	2			8						
13	20	9878	035	029	020	11	10	83	5	02	2	0	0	9	0	2			8						
13	23	9881	027	023	015	14	19	83	6	02	2	1	5	7	0	2			8	14	35	316	0000	036	024
14	02	9879	027	022	014	15	28	83	8	03	2	0	0	9	2			1							
14	05	9876	028	023	013	15	26	83	8	02	2	0	0	9	2			1							
14	08	9877	028	024	013	15	24	83	8	02	2	0	0	9	2			1							
14	11	9876	032	027	018	13	18	83	7	02	2	0	0	9	7			1							
14	14	9877	038	031	021	13	16	83	7	02	2	0	0	9	3	2		1		1					
14	17	9876	037	030	019	12	19	83	7	03	2	0	0	9	0	2				1					
14	20	9874	033	028	019	13	17	83	7	02	2	0	0	9	0	2				1					
14	23	9876	029	025	016	14	21	83	7	02	2	0	0	9	3	8		3	1	14	44	532	0000	038	025
15	02	9875	028	024	014	14	25	83	6	02	2	0	0	9	3	8		3	1						
15	05	9873	030	025	016	14	25	83	5	02	2	0	0	9	3	1		3	2						
15	08	9867	033	028	019	14	25	83	5	02	2	0	0	9	4	1		3	2						
15	11	9865	040	033	023	11	17	83	5	02	2	0	0	9	4	1		3	2						
15	14	9857	041	035	026	06	03	83	4	01	2	0	0	9	0	1			2						
15	17	9850	042	035	026	00	00	83	4	02	1	0	0	9	0	1			2						
15	20	9828	038	033	024	00	00	83	4	02	1	0	0	9	0	1			2	14	37	339	0000	043	027
15	23	9820	036	031	024	00	00	83	2	02	1	0	0	9	0	1			2						
16	02	9814	032	027	017	14	19	83	2	02	1	0	0	9	0	1			2						
16	05	9812	031	026	016	14	11	83	1	02	1	0	0	9	0	1			2						
16	08	9814	032	027	015	14	21	83	0	02	0	0	0	9	0	1									
16	11	9819	037	031	021	13	16	83	4	03	1	0	0	9	3	1		2	2						
16	14	9843	033	029	022	07	06	83	6	03	1	0	0	9	3	1		2	2						
16	17	9869	033	029	024	08	03	83	7	03	2	1	5	7	3	2	2	2	2						
16	20	9891	033	030	025	08	11	83	7	03	2	1	5	7	2	2	2	2	2	12	32	197	0000	039	030
16	23	9913	033	030	027	01	04	83	7	01	2	5	5	7	2	1	2	2	2						
17	02	9930	032	029	024	12	21	83	8	03	2	6	5	7	2		2	2	2						
17	05	9938	031	029	023	13	22	83	8	02	2	3	5	7	2		2	2	2						
17	08	9945	032	029	023	13	20	83	8	02	2	2	5	7	2		2	2	2						
17	11	9949	035	031	024	11	11	83	7	02	2	6	5	7	2		2	2	2						
17	14	9954	036	031	024	09	16	83	7	02	2	4	5	7	2		2	2	2						
17	17	9956	036	032	026	00	00	83	8	02	2	5	5	7	3		2	2	2						
17	20	9949	033	031	028	24	01	83	7	02	2	6	5	8	3		2	2	2						
17	23	9944	037	031	022	14	23	83	7	02	2	0	0	9	3			2	2	14	35	349	0000	037	030
18	02	9940	035	029	019	13	28	83	1	01	1	0	0	9	3	0		2							
18	05	9944	032	027	019	13	25	83	0	02	1	0	0	9	0	0									
18	08	9958	035	030	022	00	00	83	0	02	0	0	0	9	0	0									
18	11	9966	035	031	025	07	15	83	0	02	0	0	0	9	0	0									
18	14	9975	036	032	026	07	10	83	0	02	0	0	0	9	0	0									
18	17	9995	035	032	028	10	10	83	6	03	1	6	5	5	0	0	2								
18	20	0007	035	031	026	10	09	83	5	01	2	5	5	5	0	0	2								
18	23	0022	032	029	025	12	09	83	2	02	1	1	5	5	0	1	2		6	09	38	394	0000	037	031

Results of Surface Observations,
MAWSON – Dec., 1956

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	0035	029	026	022	15	15	83	1	01	1	1	5	5	0	0									
19	05	0045	029	025	019	14	20	83	1	02	1	1	5	6	0	0									
19	08	0043	034	029	022	14	19	83	1	02	1	1	5	7	0	0									
19	11	0038	039	033	024	14	20	83	2	03	1	2	5	8	0	0	2								
19	14	0037	043	036	027	13	09	83	7	03	1	7	5	8			2								
19	17	0031	042	036	028	14	05	83	7	02	2	7	5	8			2								
19	20	0025	040	034	025	14	12	83	2	01	2	2	5	8	0	0	3								
19	23	0017	036	031	021	15	17	83	2	01	1	1	5	8	0	1	3			13	38	359	0000	043	027
20	02	0009	035	029	020	15	21	83	1	01	1	1	5	8	0	0	3								
20	05	0003	033	029	020	16	20	83	1	02	1	1	5	8	0	0	3								
20	08	9989	038	031	020	15	21	83	0	02	1	0	0	9	0	0									
20	11	9976	041	034	024	14	19	83	0	02	0	0	0	9	0	0									
20	14	9970	043	037	027	00	00	83	0	02	0	0	0	9	0	0									
20	17	9965	043	037	026	11	04	83	0	02	0	0	0	9	0	0									
20	20	9959	041	035	028	13	14	83	1	03	0	1	5	7	0	0	3								
20	23	9965	039	034	028	10	05	83	7	02	2	7	5	7			3			15	32	373	0000	044	033
21	02	9963	036	034	031	00	00	81	8	51	5	8	5	5			2								
21	05	9964	036	034	033	00	00	81	8	51	5	8	5	5			2								
21	08	9949	040	035	029	11	17	81	8	50	5	8	5	5			2								
21	11	9945	041	036	029	11	09	81	8	50	5	8	5	5			2								
21	14	9941	044	037	029	11	11	83	8	02	2	8	6	5			2								
21	17	9939	045	038	029	11	16	83	8	02	2	1	5	6	1		2	2							
21	20	9942	040	035	029	10	07	83	6	02	2	1	1	6	1	0	2	2							
21	23	9947	037	033	027	13	07	83	7	03	2	0	0	8	1	2		2	2	11	30	277	0000	045	035
22	02	9950	035	030	023	11	19	83	5	01	2	0	0	9	1	1		2	2						
22	05	9957	035	030	022	11	22	83	6	02	2	0	0	9	0	1			1						
22	08	9968	039	033	024	11	23	83	6	02	2	1	5	8	0	2	2		1						
22	11	9980	040	034	026	08	19	83	5	01	2	0	0	9	3	1		2	1						
22	14	9985	040	034	027	08	15	83	3	01	1	0	0	9	3	1		2	1						
22	17	0008	039	034	027	00	00	83	2	01	1	0	0	9	3	0		2							
22	20	0009	039	034	028	00	00	83	0	02	1	0	0	9	0	0									
22	23	0012	035	031	025	14	13	83	1	03	0	1	5	7	0	0				11	37	409	0000	041	034
23	02	0011	034	029	021	10	11	83	0	02	1	0	0	9	0	0									
23	05	0000	035	030	020	13	28	83	0	02	0	0	0	9	0	0									
23	08	9997	041	034	022	13	21	83	0	02	0	0	0	9	0	0									
23	11	9997	043	036	025	10	11	83	0	02	0	0	0	9	0	0									
23	14	9998	045	037	027	11	11	83	0	02	0	0	0	9	0	0									
23	17	0001	044	037	029	10	10	83	0	02	0	0	0	9	0	0									
23	20	0004	041	035	026	12	16	83	1	03	0	1	5	8	0	0	3								
23	23	0006	040	034	025	13	26	83	2	02	1	2	5	8	0	0	3			13	41	468	0000	047	033
24	02	0004	039	032	023	14	25	83	1	01	1	1	5	8	0	0	3								
24	05	0006	038	032	022	13	25	83	0	02	0	0	0	9	0	0									
24	08	9993	040	033	022	14	25	83	0	02	0	0	0	9	0	0									
24	11	9977	044	036	026	14	23	83	1	03	0	1	5	8	0	0	3								
24	14	9972	046	038	027	13	17	83	6	03	1	6	5	8	0	0	3								
24	17	9970	046	039	029	10	11	83	6	02	2	6	5	8	0	0									
24	20	9972	039	035	028	00	00	83	0	01	2	0	0	9	0	0									
24	23	9970	040	034	025	13	21	83	0	02	0	0	0	9	0	0				13	42	475	0000	046	037
25	02	9976	038	032	023	14	19	83	0	02	0	0	0	9	0	0									
25	05	9977	035	030	022	15	22	83	1	02	0	0	0	9	0	0									
25	08	9974	039	033	024	15	13	83	5	03	1	0	0	9	0	0	1								
25	11	9971	042	035	027	14	12	83	4	02	2	0	0	9	0	0	2								
25	14	9972	040	034	026	00	00	83	2	01	2	0	0	9	0	0	1		2						
25	17	9976	042	035	026	19	03	83	1	02	1	0	0	9	0	0	1		2						
25	20	9976	043	036	027	00	00	83	1	02	0	1	5	7	0	0	3		4						
25	23	9974	036	031	023	13	15	83	1	02	0	1	5	7	0	0	3			15	30	307	0000	044	035
26	02	9980	032	027	019	13	22	83	0	02	0	0	0	9	0	0									
26	05	9979	033	028	019	14	22	83	0	02	0	0	0	9	0	0									
26	08	9970	036	030	020	14	22	83	0	02	0	0	0	9	0	0									
26	11	9970	040	034	025	14	11	83	0	02	0	0	0	9	0	0									
26	14	9971	038	032	024	23	02	83	0	02	0	0	0	9	0	0									
26	17	9974	039	034	027	24	01	83	0	02	0	0	0	9	0	0									
26	20	9974	040	034	025	24	01	83	0	02	0	0	0	9	0	0									
26	23	9971	036	031	024	16	15	83	2	03	0	1	5	7	3	0	4	4		14	31	329	0000	043	031
27	02	9982	032	027	019	16	25	83	0	01	0	0	0	9	0	0									
27	05	9986	031	027	019	16	25	83	0	02	0	0	0	9	0	0									
27	08	9984	036	031	021	14	23	83	0	02	0	0	0	9	0	0									
27	11	9979	041	035	025	13	19	83	0	02	0	0	0	9	0	0									
27	14	9984	043	035	021	10	09	83	1	03	0	1	5	8	0	0	3								
27	17	9985	042	036	026	12	14	83	7	03	1	7	5	7			2								
27	20	9994	037	034	028	10	02	82	8	05	2	8	5	6			2								
27	23	9994	036	034	030	00	00	83	8	02	2	8	5	6			2			16	35	418	0000	045	031

Results of Surface Observations,
MAWSON – Dec., 1956

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND											DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD AMOUNT	LOW CLOUD TYPE	LOW CLOUD BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	02	9993	036	034	031	25	02	83	8	02	2	8	5	6			2								
28	05	9980	039	035	028	13	13	83	8	02	2	8	5	6			2								
28	08	9973	040	036	030	00	00	83	8	02	2	7	5	6	2		2	2							
28	11	9972	037	035	032	00	00	80	8	15	2	0	0	9	2		2								
28	14	9967	038	036	033	21	02	40	8	61	7	0	0	9	2		2								
28	17	9957	040	037	033	19	02	80	7	60	6	1	5	5	2		2	2							
28	20	9953	041	037	030	11	08	80	8	15	6	8	5	7			2								
28	23	9957	038	035	031	10	02	61	8	15	2	8	6	7			2			12	22	187	0000	041	035
29	02	9960	036	034	031	00	00	81	8	20	2	8	6	7			2								
29	05	9959	035	032	028	13	12	81	8	50	2	8	5	7			2								
29	08	9953	038	033	026	11	09	81	8	05	2	8	5	7			2								
29	11	9956	037	033	028	06	02	40	8	76	2	8	6	5			2								
29	14	9958	036	035	033	00	00	16	8	71	2	8	6	5			2								
29	17	9960	035	033	030	00	00	12	8	71	2	8	6	4			2								
29	20	9960	034	033	033	00	00	08	8	71	2	8	6	4			2								
29	23	9962	033	032	031	00	00	16	7	71	2	7	6	4			2			12	20	173	0000	038	033
30	02	9959	033	029	022	15	12	81	7	05	2	2	6	6	1		3	1							
30	05	9964	034	030	025	15	01	82	7	02	2	3	5	6	7		3	3							
30	08	9958	033	028	018	00	00	83	4	02	2	0	0	9	3	1		3	1						
30	11	9957	033	029	024	00	00	83	5	03	2	0	0	9	7	0		3							
30	14	9960	035	031	025	00	00	83	3	02	2	1	5	5	3	0	2	3							
30	17	9961	036	032	026	00	00	83	1	01	1	0	0	9	3	0		4							
30	20	9968	035	031	026	00	00	83	0	02	1	0	0	9	0	0									
30	23	9972	031	029	026	00	00	83	2	41	1	2	5	8	0	0	3			15	16	132	0002	037	030
31	02	9985	025	025	025	00	00	83	8	41	4	2	6	3	1		8								
31	05	9990	027	026	025	00	00	82	8	41	4	5	6	3	1		8								
31	08	9992	028	027	024	00	00	81	8	40	2	4	5	3	1		8								
31	11	9997	029	027	024	00	00	82	7	41	2	3	6	3	1		8								
31	14	9993	032	028	023	00	00	84	6	01	2	4	5	8	0	0									
31	17	9996	031	028	021	00	00	82	8	03	2	8	6	5											
31	20	9991	029	027	024	06	02	82	8	02	2	8	6	4			4								
31	23	9998	028	026	024	00	00	82	8	02	2	8	6	4			4			06	11	087	0000	033	025

Results of Radiosonde Observations,
MACQUARIE – JAN., 1956

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	0085	06	010	097	0103	08	144	0085	07	194	0057	06	302	5002	03	424	083	01
02	007	0098	06	006	094	0120	05	142	0076	04	192	0051	03	300	5017	01	421	074	
03	995	0103	07	504	084	0067	06	130	0040	05	179	0011	04	285	5055	01	406	095	01
04	994	0090	05	504	082	0047	04	129	0020	03	178	0005	03	284	5049	00	403	107	01
05	992	0064	04	506	080	5015	03	125	5043	02	172	5060	02	277	5086	02	395	146	01
06	998	0056	04	501	084	5004	03	130	5034	02	177	5065	02	280	5136	01	395	215	01
07	999	0065	04	000	085	5013	03	130	5026	02	178	5071	01	281	5109	02	398	165	01
08	001	0035	03	001	086	5009	03	132	5028	03	190	5051	02	284	5081	02	402	136	01
09	003	0075	06	003	090	0100	06	138	0089	03	187	0042	03	295	5020	02	415	104	01
10	005	0076	06	005	092	0101	03	140	0125		190	0091		299	0014	02	420	090	01
11	003	0096	07	003	091	0104	08	138	0080	07	188	0055	06	296	5005	02	418	077	01
12	003	0097	06	003	090	0082	06	137	0061	05	187	0035	04	294	5044	03	414	090	01
13	007	0089	06	006	094	0091	07	141	0073	06	191	0045	05	299	5023	03	420	093	01
14	001	0110	07	001	089	0104	07	137	0094	06	187	0073	04	295	0000	02	417	072	01
15	007	0041	04	006	092	0036	04	136	0021	04	186	0006	01	293	5035	01	414	099	
16	985	0088	06	512	075	0062	05	122	0051	04	171	0029	02	278	5046	02	398	116	01
17	004	0062	03	004	089	5026	02	134	5056	02	181	5101	01	285	5092		402	160	
18	011	0057	03	010	094	5028	02	139	5055	02	187	5048	01	293	5052	01	412	110	01
19	991	0079	06	507	080	0045	05	126	0018	04	175	5019	03	280	5064	01	399	146	01
20	012	0055	05	010	096	0015	04	142	0014	04	191	5009	03	297	5005	01	418	102	01
21	988	0067	04	509	076	5009	03	122	5006	03	170	5024	02	275	5071	01	394	131	
22	992	0075	05	506	080	0004	04	125	5029	03	173	5051	02	278	5055	01	397	129	01
23	990	0066	05	508	078	0002	03	123	5027	03	171	5024	02	276	5083	01	395	117	01
24	976	0080	05	519	067	0031	04	113	5005	03	161	5030	02	266	5085	00	384	164	01
25	004	0066	04	004	089	5012	03	135	5041	02	182	5069	02	285	5113	00	402	175	01
26	994	0077	06	504	082	0031	05	126	0002	04	176	5022	04	281	5080	00	399	161	01
27	002	0051	04	502	087	5026	02	132	5059	02	179	5090	01	281	5170	00	395	250	01
28	014	0073	04	012	097	5015	03	143	5010	02	191	5027	01	296	5087	01	414	145	01
29	990	0061	04	508	078	5008	03	123	5027	02	171	5051	01	274	5119	01	390	211	01
30	004	0054	03	004	089	5026	03	134	5004	02	183	5010	00	286	5050	01	408	092	01
31	999	0083	05	000	086	0019	04	132	0046		181	0005	01	287	5050		407	122	

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	564	153	09	728	270	03	929	432	189	603	370	565	630	516	775	506	963	496
02	561	144	06	727	233	06	930	404	193	609	374	540	636	518	780	508	969	475
03	544	191	06	706	320	03	903	480	168	474	358	469	626	476	784	464	965	462
04	540	219	05	701	337	03	896	502	162	466	354	452	623	465	770	465	962	458
05	531	248	05	689	373		881	497	152	437	344	446	615	450				
06	527	301	05	683	400	01	873	507	144	422	337	447	608	450	757	455	949	449
07	533	253	07	693	370	03	885	517	150	451	342	451	613	450	762	459	953	446
08	539	180	12	702	300	05	901	449	163	532	351	493	615	489	762	483	952	466
09	553	190		714	328		911	465	169	586	354	530	616	508	762	489	952	461
10	558	191	11	722	277	04	921	439	180	633	360	552						
11	557	145	17	722	276	06	921	441	179	654	358	562	617	538	761	519	949	493
12	553	187	04	715	313	02	912	456	173	561	358	518	620	514	766	498	955	468
13	558	179	09	721	296	04	921	445	180	560	365	528	628	514	774	491	963	466
14	556	177	06	720	290	03	919	453	182	506	370	508	634	496	779	499	964	471
15	552	171		715	302		913	468	176	503	364	509	627	508	772	495	961	485
16	534	220	08	694	346	02	894	401	167	447	358	469	625	469	774	467	964	464
17	537	237		697	334		893	486	159	456	351	473	619	461	768	468	959	461
18	550	200	05	713	286	03	913	408	176	582	359	534	622	505	768	470	959	463
19	534	257	03	692	380	01	888	386	166	438	359	455	626	476	774	472	964	472
20	558	131	22	725	237	10	929	381	195	591	375	556	634	539	778	474	960	498
21	530	222	05	692	265		898	305	178	438	368	490	633	503	779	469	969	461
22	533	232		692	368	01	885	495	153	458	345	439	615	455	763	455	956	438
23	532	200	12	695	294	06	893	460	156	548	343	494	609	483	756	476	947	460
24	518	265	06	675	390	02	871	406	147	422	340	443	611	434	760	448	952	455
25	536	254	06	695	368	03	887	521	155	436	347	464	615	459	763	456	955	439
26	534	259	06	691	393	02	882	508	152	429	345	447	615	455	764	447	958	443
27	525	335		678	445		869	449	144	406	338	456	609	449	758	444	950	449
28	549	251	07	707	364	03	900	505	159	505	348	490	615	465	763	460		
29	522	307	03	677	416		871	410	148	408	342	434	613	457	761	462	952	454
30	547	162	13	712	251	07	915	402	190	558	364	534	626	511	772	493	961	471
31	544	203		705	311		904	427	176	475	365	502	629	517	775	465	965	475

Results of Radiosonde Observations,
MACQUARIE – Feb., 1956

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	010	0074	05	009	094	5005	03	140	5020	03	188	5043	02	292	5076	02	411	113	02
02	995	0078	05	503	083	0030	04	129	0001	04	177	5029	03	281	5094		401	100	
03	000	0051	03	001	086	5024	03	131	5056	02	178	5100	01	279	5169		395	190	00
04	993	0024	03	505	079	5034	02	124	5063	01	171	5101	01	273	5173	01	387	226	
05	987	0030	03	510	075	5030	02	120	5057	02	167	5091	01	269	5172	01	382	256	00
06	988	0036	04	509	076	5018	03	121	5040	03	169	5070	02	272	5132	01	387	186	00
07	981	0061	05	515	071	0010	04	116	5023	03	164	5054	02	266	5089	02	387	133	01
08	989	0050	03	508	076	5022	02	121	5066	01	168	5093	00	271	5115		387	186	
09	999	0045	03	000	085	5029	02	130	5070	01	177	5099	00	278	5144	00	394	187	
10	997	0080	04	502	084	5027	04	130	0009	03	179	0001	01	285	5068		403	150	
11	010	0070	04	009	094	0029	03	140	0018	02	189	0018	02	296	5020	01	417	089	00
12	986	0079	06	511	076	0033	05	122	0010	04	170	5022	03	275	5105	02	392	155	
13	998	0061	04	501	084	5016	03	129	5045	03	177	5058	02	281	5093	01	399	104	
14	014	0075	05	012	098	0025	04	144	0033	04	193	0018	04	300	5043	01	420	058	01
15	013	0074	04	011	097	0005	03	142	5009	01	191	5039	00	295	5114	00	411	186	
16	020	0072	04	017	102	0030	03	146	0013	03	197	5007	03	303	5059	02	422	101	01
17	025	0076	04	021	106	0042	02	153	0056		212	0051		310	5002	01	431	083	00
18	018	0079	05	015	102	0050	01	149	0034	04	198	0006	04	304	5057	02	423	124	00
19	026	0067	03	022	106	0018	01	152	0016	01	201	0016	01	307	5048	01	427	105	00
20	022	0052	03	018	103	5017	01	149	0021		198	0035		305	5018	01	426	101	01
21	013	0067	05	011	098	0085	06	145	0058	06	195	0036	05	302	5018	03	423	087	01
22	010	0075	06	009	097	0115	06	144	0076	05	194	0047	05	302	5002	04	424	076	01
23	998	0085	06	501	086	0090	08	134	0108	08	184	0072	06	293	5011	05	415	047	02
24	988	0094	06	509	077	0051	05	124	0040	03	173	0002	02	279	5062	02	398	125	00
25	984	0070	05	513	073	0022	04	119	5006	04	168	5024	03	272	5078	02	390	155	01
26	999	0061	04	000	085	5015	02	130	5045	02	178	5034		283	5080	01	402	129	01
27	002	0077	05	002	088	0006	03	134	5023	03	181	5058	02	285	5111	01	402	200	00
28	005	0071	04	005	091	0009	03	137	0018	01	185	5011	02	291	5046	01	411	123	
29	014	0085	05	012	099	0063	05	146	0098	04	196	0098		306	0030	01	426	078	00

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹
01	548	203	10	710	311	05	906	481										
02	539	191	05	701	294	04	903	387	170	538	357	491	623	475	770	489	960	475
03	527	306	03	683	398	01	874	516	145	456	336	458	606	442	756	446	948	449
04	519	300		674	410		865	490	136	425	330	450	600	450	749	439	942	436
05	512	351	01	664	457		854	446	128	416	322	430	594	437	744	430	938	420
06	521	258	03	679	367	02	871	513	136	480	325	492	592	476	739	461	931	456
07	523	207	10	685	318	04	881	478	143	493	333	479	602	459	750	440	944	423
08	521	265	05	680	363		873	482	143	450	335	468	602	479	750	458	941	442
09	529	212		691	293		891	439	158	463	347	517	608	522	753	500	942	479
10	540	207		701	320		899	431	172	462	361	528	622	538	766	512	954	479
11	556	188	04	719	295	03	917	462	178	557	362	541	622	531	766	502	955	488
12	529	191		690	332		889	388	164	451	354	494	619	504	764	498	953	485
13	537	216		699	297		896	464	164	490	352	495	616	518	761	519	949	495
14	558	188		720	309	04	918	459	178	552	363	543	623	532	768	506		
15	545	272		701	398		892	494	161	448	352	482	618	485	765	477	955	462
16	560	182	09	723	300	02	920	478	177	613	360	536	622	506	768	494	956	486
17	571	159		736	279		935	442	196	629	375	589	631	553	775	524	962	495
18	559	214		720	331		916	479	176	528	363	520	625	519	770	499	958	496
19	565	207	04	726	325		921	468	179	553	365	521	627	510	773	487	962	494
20	563	208	07	726	292		925	453	184	552	368	541	628	530	773	503	961	494
21	562	168	05	726	279	05	927	427	189	553	371	583	626	560	768	544	953	515
22	564	128		730	254		932	411	196	548	378	599						
23	557	115	08	724	243	04	926	400	192	552	373	588	628	550	771	539	957	507
24	534	231	03	694	333		894	387	171	414	363	498	626	514	771	513	958	498
25	526	214	07	687	332	03	883	420	159	405	352	470	618	511	764	502	952	492
26	538	220	09	698	341	02	893	488	157	463	348	473	616	481				
27	534	288		691	367		886	441	158	454	349	470	617	447	765	473	956	472
28	547	213		709	311	02	906	448	171	494	358	507	622	510	767	512	954	517
29	568	152		732	278	06	933	402	203	532	386	575	640	569	782	557	966	530

Results of Radiosonde Observations,
MACQUARIE – Mar., 1956

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	016	0074	05	014	101	0059	05	148	0084	05	198	0066	02	306	0000	01	425	049	
02	016	0065	03	014	099	5029	02	144	5055	02	191	5005	01	298	5026	01	416	105	00
03	011	0070	04	010	095	0024	03	141	0040	01	190	0015	03	297	5040	01	417	090	01
04	998	0067	05	501	085	0020	04	131	0007	04	174	5021	03	285	5045	03	405	104	02
05	000	0056	03	001	086	5019	02	131	5050	02	178	5082	01	281	5150	00	396	219	00
06	012	0055	03	010	095	5043	02	139	5058	01	187	5080	00	289	5149		404	195	
07	008	0063	04	007	072	5018	02	138	5023	01	186	5035		291	5054	02	411	101	02
08	973	0079	05	522	065	0054	05	111	0034	04	160	0012	03	267	5036	01	387	098	00
09	984	0076	05	513	074	0015	03	119	5015	02	168	5041	02	271	5109	01	348	165	00
10	979	0066	04	517	069	0000	03	115	5039	02	162	5070	02	265	5148	00	380	228	00
11	991	0080	03	507	079	0016	03	125	5017	02	173	5048	01	276	5118	00	393	157	
12	002	0049	03	002	087	5020	02	132	5052	02	180	5086	01	282	5157	00	396	250	00
13	020	0049	04	017	101	5037	02	146	5074	02	193	5108	01	295	5148	00	411	181	01
14	020	0068	05	017	103	0043	05	149	0031	05	198	0001	04	309	5041	03	424	118	01
15	994	0060	05	504	082	0027	04	128	5003	03	176	5005	01	282	5057		401	125	
16	014	0044	03	012	096	5035	02	142	5027	01	190	5021	01	294	5088	01	412	152	01
17	990	0056	04	508	078	0005	03	123	5026	03	171	5055	02	275	5105	01	391	135	00
18	994	0048	04	504	081	5009	03	126	5036	02	174	5069	02	278	5105		394	199	00
19	005	0039	02	005	089	5045	01	134	5081	01	180	5117	01	282	5144	00	397	214	
20	021	0065	05	018	103	0021	03	149	5013	03	197	5038	03	304	5028	01	425	092	
21	021	0063	05	018	103	5001	03	149	0040	03	198	0037		306	5019		426	097	
22	013	0064	05	011	098	0056	06	145	0051	06	194	0010	04	303	5054	02	420	089	00
23	997	0081	06	502	085	0073	06	132	0051	06	182	0022	05	286	5047	03	406	114	01
24	002	0060	04	002	087	5021	02	132	5054	02	180	5071	01	283	5067	00	403	120	00
25	996	0072	05	503	083	0000	03	126	5035	02	176	5066	02	279	5127	00	395	226	00
26	004	0050	03	004	089	5036	02	133	5066	02	181	5102	02	282	5163	00	397	205	00
27	989	0065	04	508	077	5002	03	123	5037	02	170	5073	02	275	5047	00	395	125	
28	004	0022	03	004	088	5040	03	135	5059	02	181	5024	03	287	5030	04	408	098	02
29	996	0048	03	503	082	5029	02	127	5071	01	174	5082	01	278	5092	00	396	139	
30	006	0071	05	006	091	5001	03	137	5005	02	186	0029	01	293	5030		413	087	
31	011	0050	05	010	096	0071	07	143	0051	06	192	0025	05	299	5047	03	419	115	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	570	133		736	243		940	392	206	552	387	599	639	590	780	557	964	521
02	556	196		718	326		914	467	174	523	359	523	621	518	766	521	953	513
03	556	191		717	315	03	915	467	173	592	356	528	618	513	763	505	951	495
04	543	173	13	706	302	05	904	458	168	501	356	518	618	518	762	518	948	517
05	528	308	03	685	351		884	388	159	448	350	475	616	491	763	468	954	456
06	539	265		697	345	02	892	453	161	477	350	521	610	531	755	497		
07	551	143	20	717	246	09	920	394	186	517	370	588	625	556	767	542	953	508
08	525	210		686	317		887	402	159	433	350	472	616	503	761	508	949	495
09	524	212	08	685	334	02	881	448	153	438	344	477	610	494	757	487	945	502
10	512	313		667	411		862	393	140	392	335	427	608	455	756	471	947	462
11	529	246		688	366		884	429	159	407	354	427	626	437	776	420	972	399
12	526	361	02	677	466		868	424	142	424	336	439	606	462	753	464	943	480
13	546	258	06	705	344	04	900	507	159	518								
14	561	205	08	722	320		919	491	174	637	355	547	615	526	758	531	943	519
15	538	215	03	698	338		893	487	161	452	352	476	617	491	764	479	953	480
16	547	247		706	351		901	491	159	561	344	505	608	508	754	493	942	500
17	525	291	03	681	372		875	447	147	453	338	468	604	502	750	482	939	490
18	528	265	07	686	353	03	879	507	145	462	336	462	604	492	750	487	939	488
19	530	271		687	377		880	509	145	480	334	509	599	490				
20	563	203		725	303	02	923	457	191	654	358	596	614	551	757	538	943	511
21	564	207	04	726	311		924	460	193	628	363	578	621	540	764	527	949	529
22	559	169	05	723	285	03	923	443	184	588	363	623	617	557	759	536	945	517
23	545	202	06	707	314	02	905	462	165	573	350	518	612	509	758	510	944	517
24	539	221	03	700	322		896	500	158	498	346	497	611	483	758	479	947	483
25	526	299		681	412		875	432	149	425	342	450	609	478	756	479	946	481
26	530	291	02	685	406	01	875	529	142	446	333	458	601	469	748	466	937	491
27	531	233		689	373		881	512	147	461	338	477	604	490	749	501	937	501
28	546	181	13	709	304	05	907	458	163	644	346	533	605	538	748	514		
29	533	234	03	693	345	03	888	469	151	538	337	510	602	499	748	467	936	505
30	552	184		714	306		912	449	171	598	352	581	608	565	750	544	936	523
31	557	194	11	718	311	04	915	461	173	557	358	572	614	570	756	531	941	525

Results of Radiosonde Observations,
MACQUARIE — Apr., 1956

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg
01	987	0089	07	510	077	0089	08	125	0066	07	175	0075	08	284	0017	05	407	038	03
02	013	0065	04	011	096	5024	02	141	5015	01	189	5053	00	293	5122	00	410	128	
03	012	0082	05	010	097	0050	04	143	0013	03	192	0009	01	299	5032	01	419	114	00
04	009	0065	05	008	094	0006	03	140	5007	01	188	5031	00	292	5064	00	411	151	
05	006	0077	06	006	092	0048	06	139	0025	05	188	5004	04	293	5044	01	413	115	00
06	018	0054	03	015	100	5017	01	145	5045	00	193	5069		296	5120		412	168	
07	022	0066	05	018	104	0017	02	150	0020		199	0024		305	5048		425	127	
08	027	0035	04	022	107	0019	03	153	0013	03	202	5007	01	306	5046		427	120	
09	025	0022	02	020	104	5007	01	150	0038		199	0048		306	5023		427	109	
10	015	0046	03	013	097	5035	03	143	0050		192	0027		299	5040	00	420	087	
11	005	0068	05	005	091	0045	05	138	0041	05	187	0018	05	294	5038	03	414	113	02
12	005	0071	05	005	091	0046	05	137	0036	05	186	0006	04	292	5040	02	412	115	01
13	005	0048	05	005	091	0037	05	137	0024	05	186	0008	04	292	5074	02	411	110	00
14	003	0057	05	003	089	0058	05	136	0034	03	185	5009	03	289	5081	02	407	165	01
15	006	0047	05	006	092	0049	03	138	0017	03	187	5019	02	292	5067	01	410	151	00
16	002	0063	06	002	088	0017	04	134	0021	04	183	0027	01	290	5041		410	096	
17	990	0068	05	508	079	0059	05	126	0040	05	175	0013	04	281	5057	02	400	122	01
18	981	0061	05	515	071	0055	06	118	0025	04	167	0007	03	273	5051	03	392	145	01
19	975	0075	06	520	066	0045	05	113	0017	05	161	5016	04	267	5072	02	385	156	01
20	978	0058	05	518	068	0012	04	114	5007	03	163	5013	03	268	5079	02	386	168	01
21	974	0063	04	521	065	0005	02	110	5040	02	158	5053	01	262	5098	00	380	152	01
22	977	0043	03	518	067	5008	02	112	5048	02	160	5081	02	262	5152	00	377	240	00
23	998	0054	04	501	084	5019	02	129	5041	01	177	5074	00	279	5149	00	394	230	00
24	990	0055	04	508	078	5005	02	123	5037	01	171	5065	01	274	5118	01	391	178	01
25	988	0069	05	509	077	0030	05	123	0004	04	171	5023	03	276	5080	02	395	147	01
26	991	0048	03	507	078	5025	02	123	5065	02	170	5098	00	272	5174	00	385	265	00
27	005	0040	03	005	089	5039	02	134	5078	01	181	5074		284	5115		401	163	
28	003	0049	03	003	088	5021	02	133	5055	02	180	5089	02	283	5111		400	184	00
29	995	0072	04	503	082	0009	03	128	5036	02	175	5070	02	278	5129	01	393	227	00
30	012	0068	04	010	095	5011	02	141	5042	02	188	5078	01	292	5103		409	161	00

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	118	18	717	229	07	920	395	185	522	372	527	634	496	780	490	971	446
02	547	217		707	337		903	487	164	496	352	504	616	511	761	519	948	504
03	556	209	05	717	318	02	914	468	176	531	361	537	621	531	766	494	955	478
04	546	246		704	345		899	488	161	519	347	525	609	534	754	511	939	522
05	550	218	06	710	335	02	906	486	163	548	348	536						
06	546	277	02	702	402		892	535	156	491	344	514	605	528	750	514	936	522
07	562	204	04	724	311	02	921	467	179	588	360	557	618	547	761	543	946	535
08	564	208		725	330		922	471	180	589	362	576	620	555	762	558	945	552
09	564	193		727	305		924	468	184	575	366	554	625	555	767	541	950	549
10	558	173		721	308	03	918	476	178	547	362	534	621	565	763	560	946	548
11	551	188		714	306		911	471	170	557	352	568	610	556	752	535	937	534
12	549	208	07	710	324	02	906	486	161	567	344	563	603	544	746	534	930	547
13	548	204	06	709	328	03	904	491	159	607	340	555	600	540	743	540	928	532
14	543	237	07	703	339	03	898	495	154	563	338	541	597	540	740	541	924	557
15	546	242	03	704	372	01	897	508	156	532	340	553	599	552	741	537	925	555
16	548	171	05	712	289		911	447	169	647	348	549	607	533	750	540	934	558
17	537	215	07	698	334	02	894	472	154	555	339	535	600	524	744	535	930	522
18	528	240	06	686	371	03	879	497	143	491	331	501	595	516	739	524	924	545
19	520	258	07	677	390	02	867	512	134	465	325	485	591	509	735	522	921	519
20	521	256	04	678	381	01	870	521	134	482	322	486	588	499	733	519	918	530
21	516	229	08	675	355	02	868	534	126	487	315	474	582	488	728	501	915	513
22	507	346	02	660	435		849	484	119	444	312	452	581	457	729	476	918	494
23	526	302	03	681	428	01	870	536	133	502	321	507	585	496	730	500	917	525
24	525	249	07	684	359	02	877	508	138	534	323	491	586	508	730	534	914	545
25	531	228	06	691	346	02	885	508	145	503	332	527						
26	515	338		671	357		867	458	135	484	327	475	591	510	736	503	923	533
27	536	256		594	365		887	501	151	499	339	506	602	534	746	527	931	547
28	533	282	04	690	370		883	506	144	509	332	502	595	511	740	506	926	537
29	524	335	03	678	410	01	870	487	137	486	326	482	591	498	736	521	923	524
30	543	252		702	371		894	511	151	533	335	534	596	541	739	530	924	541

Results of Radiosonde Observations, MACQUARIE – May, 1956

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	018	0066	05	015	101	0024	04	147	5008	03	196	5016	03	301	5075	01	419	150	01
02	015	0069	05	013	099	0034	04	145	0000	03	194	5029	03	298	5051	01	418	124	
03	002	0081	06	002	089	0054	05	136	0030	05	184	0001	04	291	5050	03	410	111	02
04	012	0057	04	010	095	5030	02	140	5035		189	5014	01	294	5079	00	412	140	
05	015	0067	05	013	099	0048	06	145	0024	05	194	5009	03	300	5051	01	419	136	00
06	013	0047	03	011	095	5013	01	141	5048		188	5064		292	5100		410	139	
07	022	0039	03	018	102	5056	02	147	5026	02	195	5002	02	301	5067	01	420	147	00
08	022	0061	05	018	104	0018	04	150	5014	03	198	5045	03	303	5069	00	421	150	00
09	012	0056	05	010	095	0010	04	141	5007	03	190	5026	03	294	5089	02	413	142	01
10	006	0043	04	006	090	5017	03	136	5029	03	184	5033	03	288	5084	02	406	154	01
11	987	0038	03	510	075	5019	01	120	5054	00	167	5085	01	269	5152	00	384	233	00
12	985	0025	03	512	073	5034	02	118	5070	02	165	5085	02	267	5148	01	382	221	00
13	986	0010	03	511	073	5040	02	118	5065	02	165	5098	01	267	5173	01	380	267	00
14	003	5008	02	003	086	5078	01	130	5117	01	176	5154	01	276	5198	00	389	237	
15	005	0057	04	005	090	5007	03	135	5010	02	184	5037	01	288	5098	01	405	173	00
16	022	0069	05	018	104	5015	02	149	5053	02	196	5028	01	301	5090		419	157	
17	030	0061	04	025	110	5013	03	156	0032	01	205	0013		310	5066		429	142	
18	025	0063	05	021	106	0004	02	152	0046		202	0031		308	5053		427	129	
19	015	0069	05	013	099	0033	04	145	5008	03	193	0001	01	299	5069		418	133	
20	013	0021	03	011	095	5066	02	140	5060	00	187	5090	00	289	5122		405	202	
21	001	0076	05	001	088	0037	05	134	0015	04	182	5022	03	287	5080	00	406	130	
22	005	0062	05	005	091	0027	05	137	0000	04	185	5024	03	290	5070	02	409	133	01
23	017	0044	03	014	099	5045	02	143	5081	01	190	5105	00	292	5144		407	211	
24	015	0060	03	013	098	5029	02	143	0005	01	192	5015		296	5079		415	152	
25	015	0034	02	013	097	5050	02	141	5074	02	189	5062	01	294	5075		411	150	
26	015	0046	04	013	098	5011	03	143	5019	03	191	5020	02	297	5078	02	414	166	01
27	989	0054	05	508	078	0052	06	124	0019	05	173	5006	04	279	5058	03	398	129	01
28	992	0052	04	506	079	5022	02	124	5062	01	171	5096	01	274	5094		392	168	
29	997	0066	05	502	084	0033	04	130	0009	03	180	0042	02	286	5047	01	406	125	
30	001	0078	05	001	088	0027	04	133	0009	03	182	5005	01	288	5044		407	128	
31	001	0072	05	001	088	0036	04	134	5001	03	182	5030	03	287	5085	01	404	163	00

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	252	07	713	369	02	905	516	159	585	342	546	601	554	743	571	925	573
02	554	224	05	714	344	03	910	480	164	671	340	597	596	577	736	569	917	577
03	548	188	12	711	307	05	909	462	166	660	343	627	595	596	735	587	915	587
04	548	223		709	308		907	455	166	582	347	582	602	592	742	590	924	589
05	555	229	04	715	343		912	470	168	622	349	557	607	571	748	576	928	591
06	546	227		706	352		899	529	156	563	339	547	600	543	743	537	927	546
07	555	243	04	714	368		907	513	159	631	339	558	598	536	741	544	925	536
08	556	244	03	714	372		905	541	156	616	337	575	595	546	738	546	922	537
09	548	231	04	708	363	02	901	513	152	622	333	563	591	561	733	541		
10	542	252	07	700	370	03	892	522	145	614	326	565	583	562	725	549	909	557
11	515	345	02	667	434		859	443	129	468	318	506	580	533	723	554	906	557
12	513	326	03	668	423		856	531	119	504	307	506	569	519	713	546	897	546
13	509	368	02	659	490		848	478	116	466	306	494	569	516	713	547	896	554
14	521	312		675	427		863	551	122	532	307	507	569	543	713	532	898	568
15	539	286	04	695	398	01	885	560	135	586	317	542	575	546	717	557	900	568
16	553	265		711	394	01	901	552	151	615	331	569	586	587	727	579	908	580
17	564	252	04	722	361		915	522	164	665	342	583	598	578	739	581	920	583
18	564	225		724	347		917	522	166	698	343	609	597	587	737	586	917	594
19	554	229		714	349	03	908	521	159	660	337	590	592	580	732	576	912	601
20	538	303		693	430		879	577	135	556	318	556	575	585	715	581		
21	542	242		700	345		893	521	146	632	325	612	579	600				
22	546	225	09	705	344	03	900	492	154	681	331	575	585	578	723	580	906	585
23	539	295		694	423		882	555	141	555	325	543	584	558	726	548	909	584
24	550	243		708	381		899	530	149	680	327	575	582	575	723	569	905	572
25	546	272		703	386		895	524	150	605	331	573	585	603	724	588	905	591
26	550	237	08	709	351	03	905	486	158	652	335	609	589	578	730	576	911	592
27	535	220	07	695	347	02	888	527	141	595	322	565						
28	525	291		680	421		869	534	128	529	314	517						
29	542	234		701	341		895	506	148	685	322	628	576	580	717	571		
30	544	232	03	703	348		896	523	146	659	323	605	578	570	720	554	904	548
31	539	259	05	697	373	02	889	530	140	626	320	569	577	547	719	557		

Results of Radiosonde Observations,
MACQUARIE – Jun., 1956

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	016	0030	03	013	097	5060	01	142	5045		190	5072		292	513		408	192	
02	017	0061	05	014	100	0018	04	146	5004	04	194	5042	03	298	5115	01	416	142	
03	015	0063	05	013	099	0018	04	145	5005	03	193	5035	02	297	5084	00	416	148	
04	011	0032	03	009	093	5020	01	139	5025		187	5053		290	5100		408	164	
05	008	0060	05	007	093	0013	04	139	5016	03	187	5045	03	291	5111	01	407	169	00
06	001	0044	04	001	086	5029	03	131	5043	03	179	5061	01	283	5108	01	400	159	00
07	987	0034	03	510	075	5023	03	120	5050	02	167	5080	02	270	5151	01	386	188	
08	997	0005	01	502	081	5077	01	125	5122	00	171	5166	00	270	5234	00	381	304	
09	009	0056	04	008	093	5024	03	138	5040	02	186	5001	01	292	5075		410	148	
10	019	0052	04	016	101	5010	03	146	5025	02	194	5030		299	5059		415	128	
11	013	0059	05	011	096	5014	03	142	0028		191	0010		297	5053		416	132	
12	988	0069	05	509	077	0058	06	124	0049	06	173	0019	05	280	5047	03	399	125	01
13	984	0048	04	513	073	0027	04	119	0007	04	168	5006	03	273	5071	01	392	143	00
14	986	0059	05	511	075	0018	04	121	5008	04	169	5022	04	275	5064	02	393	138	01
15	986	0061	05	511	075	0034	05	121	0006	04	170	5031	03	274	5103	01	392	165	00
16	992	0065	05	506	080	0022	04	126	5012	03	174	5054	02	279	5089	01	396	161	
17	987	0051	05	510	076	0014	03	121	5013	01	169	5048	01	273	5110	00	390	195	
18	969	0035	04	525	060	5003	04	106	0009	03	154	5026	02	259	5094	01	376	178	01
19	971	0039	03	523	062	0011	03	108	5010	02	156	5026	02	261	5081	01	378	159	00
20	987	0037	04	510	075	5034	03	120	5053	02	167	5072	02	270	5127	01	386	198	01
21	000	5008	02	001	084	5080	02	128	5112	01	174	5112	01	276	5140		391	217	
22	001	0048	04	001	086	5014	03	132	5033	03	180	5050	02	284	5104	02	401	172	00
23	989	0034	03	508	076	5024	02	121	5060	02	169	5092	01	271	5164		384	260	
24	987	0054	03	510	075	5017	02	120	5058	01	167	5099	01	269	5132		385	198	
25	999	0059	05	000	085	5001	03	131	5033	03	178	5043	02	283	5067	02	402	143	01
26	006	0022	02	006	089	5072	01	133	5111	01	179	5150	01	280	5126		398	172	
27	005	0043	04	005	090	0005	04	136	5007	04	184	5032	03	288	5108	02	405	175	01
28	985	0072	06	512	075	0058	06	121	0027	05	170	0005	04	276	5047	03	396	118	02
29	980	0052	05	516	070	0033	05	116	0000	04	164	5022	04	270	5066	03	389	136	01
30	974	0032	04	521	064	5013	03	110	5021	03	158	5053	02	261	5107	01	379	171	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	541	281		698	402		888	519	148	534	333	543	592	545				
02	551	253	04	710	367	01	901	530	155	548	339	533	600	556	742	573	924	577
03	550	266		707	389		897	543	152	533	338	512	599	549	741	555	923	574
04	543	242		702	375		893	546	145	586	328	544	589	533	733	536		
05	541	283		697	411		887	557	136	622	318	552	577	534	721	534	906	550
06	535	259	04	694	365	02	886	536	135	682	312	570	568	568	710	547		
07	520	247	05	678	370	02	869	538	121	608	302	566	560	563	702	563		
08	510	354		662	457		850	550	108	541	292	563	550	561				
09	546	239		704	356	01	897	520	146	731	318	648	566	610	704	628	882	602
10	555	228		714	360		908	508	161	683	333	650	582	640	718	645	894	650
11	553	223		713	342	03	907	498	160	693	334	634	585	602	724	605	903	610
12	536	206	10	697	336	03	892	503	149	578	332	547	588	568	730	564		
13	528	236		687	379		878	554	133	550	317	537	579	526	723	526	904	538
14	529	234	06	688	369	02	879	537	133	576	316	545						
15	526	273	05	683	401	01	872	547	125	589	307	560	567	549				
16	531	279	02	687	400	02	876	575	123	619	303	583	561	567	703	540	886	571
17	522	308	02	677	417	01	865	592	116	597	298	555	556	552	697	583	879	552
18	510	277	05	666	414	01	854	578	108	553	293	504	557	516	701	532	865	555
19	513	278	02	669	411		857	579	116	506	305	494	569	513				
20	519	295	05	674	428	01	862	567	119	519	307	505	569	533	713	542	896	556
21	522	332		676	449		861	598	116	537	301	520	565	508	711	517	896	547
22	534	285	03	691	399		880	545	131	624	311	561	571	530	714	542	899	543
23	514	367		664	460		854	482	120	499	307	513	568	530				
24	519	251		678	367		870	523	128	543	312	533	571	555	712	568		
25	537	252	06	696	368	02	888	524	138	639	318	570	574	545	718	536		
26	532	285		687	416		878	530	129	647	308	588						
27	540	263	06	698	366	03	890	526	139	685	316	617	569	590	709	575		
28	533	214	09	694	344	03	887	521	137	674	314	599	568	587	708	585		
29	525	233	08	684	358	03	877	525	126	658	303	615	555	600	694	586		
30	513	266	04	670	381		862	529	114	593	295	561	553	566	694	569	876	578

Results of Radiosonde Observations,
MACQUARIE – Jul., 1956

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	970	0034	04	524	061	5024	03	106	5051	02	153	5077	02	256	5146	01	371	227	00
02	986	5007	02	511	073	5071	01	117	5109	01	163	5146	01	263	5227	00	374	311	00
03	998	0026	03	501	083	5047	02	128	5084	02	175	5101	01	277	5164	00	391	235	00
04	999	0014	02	000	083	5058	01	128	5102	01	174	5132	01	274	5214		386	283	
05	985	0020	03	512	073	5055	02	117	5094	01	164	5124	01	264	5191	01	377	277	00
06	994	0048	04	504	081	5023	03	126	5037	02	174	5012		280	5069		398	162	
07	989	0061	04	508	077	5003	03	123	5038	03	170	5059	01	275	5076		393	163	
08	990	5021	01	507	075	5095	01	119	5139	01	165	5172	00	264	5232		375	334	
09	993	0030	03	505	079	5040	02	124	5069	02	171	5091	01	274	5114	01	391	184	00
10	000	0024	03	001	085	5055	02	129	5094	01	176	5108	01	277	5172		391	258	00
11	009	0028	03	008	092	5039	02	137	5029	01	185	5060		288	5148	00	403	220	
12	006	0034	03	006	089	5041	02	134	5053	01	182	5053	01	285	5121	01	401	206	00
13	007	0029	02	006	090	5067	01	134	5103	01	181	5123	01	283	5138		399	179	
14	005	0041	04	005	089	5007	03	135	5005	01	183	5036	02	288	5096	01	405	169	01
15	018	0025	02	015	098	5068	01	143	5106	01	190	5075	01	293	5109		410	171	
16	022	0040	04	018	102	5019	02	148	5024	02	196	5027	02	300	5095	01	418	177	00
17	028	0025	03	023	107	5028	02	152	5010	00	201	5029	01	305	5088		423	153	00
18	023	0040	04	019	104	5033	03	149	5016	01	197	5033		301	5106	00	418	190	00
19	014	0056	04	012	098	0028	04	144	0000	04	192	5031	03	297	5095	02	414	166	01
20	007	0050	04	006	092	0026	04	138	0003	04	187	5025	03	291	5084	01	409	172	01
21	003	0054	03	003	088	5007	04	133	5038	03	181	5063	03	284	5127	01	401	192	01
22	989	0046	04	508	077	0001	03	123	5019	03	170	5044	02	274	5119	00	390	209	00
23	000	0036	04	001	085	5026	03	130	5054	02	178	5089	01	280	5142	00	395	209	
24	008	0024	04	007	092	5014	01	137	5053	01	184	5094	01	286	5135	00	402	213	
25	009	0028	03	008	092	5020	01	137	5048	01	185	5069	01	288	5120	01	404	206	00
26	010	0000	02	009	092	5078	02	136	5087	02	183	5108	01	285	5158	00	399	224	
27	006	0013	03	005	079	0035	02	134	5078	01	181	5103	01	282	5162		396	238	
28	982	0057	05	514	072	5061	05	118	0020	05	167	5009	04	272	5069	03	391	138	01
29	992	0051	04	506	079	5009	03	125	5028	02	173	5052	01	276	5100		394	173	
30	977	0072	05	519	068	0028	04	114	0006	03	162	5024	02	268	5070		386	155	00
31	987	0032	04	510	075	5031	02	120	5065	02	167	5103	01	268	5169	00	382	252	

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	502	322	02	656	414	01	845	541	107	507	295	485	560	530	704	533	888	573
02	500	425	01	648	492		836	491	104	488	293	480	559	492	705	508	890	547
03	522	332		674	460		859	608	114	528	300	524	563	515	707	527		
04	515	358		667	449		853	556	114	503	302	496	565	521	710	518	896	514
05	507	330		661	426		849	545	109	529	294	527	556	545	700	521		
06	532	266		690	368		883	533	132	665	312	548	573	542	716	535	901	528
07	527	271		683	390		875	533	128	608	309	566	569	517	713	534		
08	500	416		651	449		841	501	105	516	292	497	555	522	699	533	884	552
09	524	276	04	681	398	01	870	559	120	601	303	528	564	557	706	529		
10	520	364	02	672	441	01	861	538	119	544	306	507	570	485	715	513		
11	535	306		689	438		875	588	123	602	304	551	565	509	711	494	899	504
12	533	305		689	413		877	575	127	611	307	573	566	535	710	492	899	503
13	533	252	04	691	382		881	549	131	605	311	603	564	608	704	570	887	529
14	539	265	06	697	377	03	889	533	138	666	315	595	568	587	708	571		
15	544	269		701	397		891	543	143	623	322	586	576	593	716	577	898	570
16	553	238		711	374		903	531	152	690	326	632	577	617	716	586	896	577
17	558	251		715	378		906	534	155	710	328	633	578	618	716	612	895	601
18	550	277		707	393		897	537	150	628	327	630	577	632	714	628	891	624
19	549	259	05	706	397	01	895	574	143	636	321	616	573	597	712	593		
20	543	268	04	699	408	01	887	574	138	633	316	600	569	617	708	600		
21	534	289		689	423		876	579	123	649	300	609	550	618	689	609	867	612
22	522	315	02	676	420		865	544	122	550	305	557	564	561	705	582	885	594
23	527	309		682	432		869	573	121	590	304	550	562	560	703	581	883	586
24	533	328		686	458		872	584	124	569	307	551	563	573	705	572		
25	536	320		690	439		875	605	121	623	302	549	560	575	701	554		
26	531	310		686	426		873	584	121	614	303	549	563	555	704	558	866	569
27	527	354		678	470		862	594	113	607	293	565	550	571	691	574	873	579
28	526	247	06	684	380	02	874	553	120	730	295	603	547	589	687	577		
29	528	256	07	685	382	02	876	549	125	630	304	598	558	583	699	573	860	577
30	520	266	05	678	388	01	868	563	118	632	296	613	545	631	683	622	860	644
31	512	359		663	466		850	536	109	545	294	540	551	578	691	596	872	596

Results of Radiosonde Observations,
MACQUARIE — Aug., 1956

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	000	0002	03	001	084	5075	02	128	5102	01	174	5133	01	277	513		392	203	
02	012	0040	04	010	096	0000	03	141	5035	03	189	5070	02	292	5105	01	409	180	
03	009	0040	04	008	093	5015	02	138	5038	02	186	5072	01	288	5146	00	403	218	
04	010	0037	03	009	093	5040	01	138	5030	01	186	5054	01	289	5115		405	199	00
05	010	0032	04	009	094	0000	02	139	5008	00	188	5028		292	5105	00	409	198	00
06	013	0049	04	011	096	0000	03	142	0010	02	191	5010		296	5069	01	414	159	01
07	011	0047	04	010	095	0015	03	141	5006	02	189	5053	02	292	5118	00	409	194	00
08	008	0050	04	007	093	0010	03	138	5032	02	186	5058	02	289	5105		407	176	
09	988	0047	04	509	076	0014	04	122	5005	04	170	5035	03	275	5105	02	391	195	00
10	994	5008	02	504	079	5087	01	123	5120	01	169	5098	01	272	5126		387	210	
11	005	0021	03	005	089	5025	01	134	5010		182	5033		287	5081		404	163	
12	003	0038	04	003	087	5037	02	132	5029	01	180	5039	01	285	5106	01	402	170	00
13	987	0052	05	510	075	5006	03	121	5030	02	169	5055	01	273	5105	00	389	210	00
14	972	0048	04	522	063	5003	02	108	5038	02	156	5083	01	258	5155	01	372	249	
15	977	0035	03	518	067	5033	02	112	5070	02	159	5105	01	260	5171	00	373	268	00
16	988	0037	04	509	076	5019	02	121	5050	02	168	5073	02	272	5114		388	190	00
17	999	0056	05	000	085	0008	04	131	5020	03	179	5037	03	284	5074		402	150	00
18	005	0051	04	005	090	5020	02	135	5018		183	5035		287	5121	00	403	196	00
19	994	0053	05	504	082	0025	05	128	5002	04	176	5026	03	281	5095	02	396	176	01
20	986	0056	05	511	075	0005	04	120	5024	03	168	5049	03	272	5119	01	388	199	01
21	993	0069	05	505	081	0018	04	127	5002	03	175	5034	03	279	5098	01	397	181	01
22	988	0005	03	509	075	5013	03	121	5016	03	169	5038	03	273	5104	02	389	198	00
23	978	0034	04	517	068	5008	03	113	5027	03	161	5054	02	265	5115	01	381	188	01
24	977	0005	02	518	066	5056	02	110	5091	01	157	5112	01	258	5165	00	372	250	00
25	981	5016	01	515	068	5086	01	112	5129	01	158	5158	00	258	5199	00	371	263	00
26	986	0010	02	511	074	5058	01	119	5073	01	166	5118	01	266	5170	01	381	211	00
27	992	0016	03	506	078	5057	02	123	5055	02	170	5070	01	273	5140	01	386	213	00
28	990	0037	03	507	077	5033	02	122	5053	02	169	5088	01	272	5118	00	386	207	00
29	987	0061	05	510	076	0000	04	121	5023	03	169	5051	03	273	5109		389	203	00
30	982	0066	05	514	072	0012	04	117	5016	03	165	5048	03	269	5110	02	386	182	00
31	984	0045	04	512	073	0000	03	118	5038	03	166	5079	02	268	5154	01	383	228	00

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	525	300		679	444		865	572	121	550	306	539	565	539	707	568	889	589
02	543	273		699	407	01	887	580	133	656	313	570	570	570	710	601		
03	535	302		690	417		879	548	136	558	319	548	576	586	715	605	893	635
04	538	296	04	693	415	01	881	582	130	595	311	567	568	567	709	567	892	554
05	541	297	03	696	426	01	883	567	137	563	322	522	584	537	727	527	913	538
06	549	264	06	706	390	02	895	563	147	574	331	529	592	539	736	532	921	520
07	542	287		697	422		884	583	134	605	317	535	579	491	726	494	915	468
08	540	288		695	415		883	578	132	603	314	548	576	494	723	477	913	458
09	524	306	03	678	434	01	864	611	117	574	300	541	562	501	708	484	899	450
10	520	300		674	429		862	573	117	563	301	517	566	477	714	426		
11	539	258		696	401		885	562	133	661	313	543	576	483	724	445		
12	536	270	03	693	396		882	568	131	636	311	570	571	500	718	475	909	442
13	521	299		677	420		865	569	119	537	304	520	567	522	712	509	900	477
14	502	364		652	504		838	513	104	469	293	476	561	475	708	486	897	486
15	502	358		653	467		841	504	108	470	300	454	569	469	716	488	904	497
16	521	291	03	678	367	01	872	486	134	508	321	508	585	515	729	518		
17	537	255		694	385	02	886	525	142	580	325	527	587	527	731	538	915	533
18	536	295	04	691	420	01	879	564	135	528	321	517	584	518	729	509	917	504
19	531	285	05	687	413		875	572	127	583	310	543	571	508	716	491	905	480
20	520	316	03	674	450		860	589	108	652	285	597	542	514	686	511		
21	530	277	05	686	420	01	873	576	119	720								
22	523	284	04	678	414	01	866	565	113	631	293	599						
23	514	285	05	670	404	01	859	577	107	650	285	599	537	586				
24	502	357	02	653	490		837	571	094	568	277	560	537	515	683	490		
25	500	354	02	651	467		837	543	098	526	285	495	550	492	696	498	884	497
26	514	292	05	669	417	01	857	562	117	510	306	487	570	507	715	515		
27	520	310		675	437		861	565	121	511	309	511	573	513	719	493	908	486
28	521	308	04	675	432	01	861	575	116	535	301	530	563	516	707	512	894	504
29	522	311	03	676	440	01	862	600	117	546	302	544	560	551	702	558		
30	519	285	05	675	412	01	863	573	117	531	302	529	564	523	709	502	896	496
31	514	337	03	666	481		850	518	115	450	306	506	572	488	720	478	910	475

Results of Radiosonde Observations,
MACQUARIE – Sep., 1956

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	988	0067	05	509	077	0039	05	123	0021	05	172	5012	04	277	5071	02	396	146	01
02	988	0063	06	509	077	0044	05	123	0006	04	172	5010	04	277	5071	02	396	142	01
03	995	0012	03	503	081	5027	02	126	5064	02	173	5090	01	276	5160	00	390	244	00
04	001	0053	04	001	087	0004	03	133	5021	03	181	5059	02	285	5093	00	402	155	
05	005	0045	03	005	089	5033	01	134	5077	01	181	5075	02	285	5097	02	403	170	01
06	004	0025	02	004	088	5064	02	132	5071	00	180	5096		282	5142		397	229	00
07	006	0031	03	006	090	5039	02	135	5047	02	182	5066	02	285	5114	00	403	160	00
08	007	0050	04	006	092	0043	02	138	0031	01	187	0000	01	293	5036		412	125	
09	998	0058	04	501	084	5011	03	130	5023	03	178	5043	03	282	5076	00	401	125	01
10	016	0013	03	013	097	5068	01	141	5103	01	187	5141	01	288	5169		403	198	
11	990	0014	03	507	076	5054	02	121	5081	01	168	5114	01	269	5190		382	261	00
12	983	0006	01	513	071	5058	01	115	5104	01	161	5132	01	262	5183	01	375	268	00
13	986	5005	02	511	073	5070	01	117	5098	01	164	5129	01	264	5206	00	376	292	00
14	996	0040	04	503	082	5020	03	128	5017	03	176	5039	03	280	5087	02	399	137	01
15	006	0049	04	006	091	5013	03	136	5032	02	184	5069	02	287	5085	00	405	169	
16	989	0048	04	508	077	5008	03	122	5028	03	170	5054	02	273	5132	01	385	217	00
17	998	0038	03	501	084	5028	02	129	5061	02	176	5065	01	279	5107	01	396	185	01
18	999	0010	02	000	083	5079	01	127	5111	01	173	5149	01	274	5171		389	183	
19	001	0041	04	001	086	5007	03	132	5009	04	180	5028	03	285	5081	02	403	156	01
20	988	0058	05	509	077	0034	04	123	0010	03	172	5020	02	276	5089	02	394	166	01
21	992	0057	04	506	080	0010	02	125	5013	01	173	5043	00	277	5103		394	152	00
22	990	0051	04	508	078	0025	04	124	5004	02	173	5029	01	277	5114	01	394	190	
23	000	0031	03	001	085	5052	02	130	5038	01	177	5063		280	5115		396	162	
24	006	0044	03	006	090	5030	02	135	5057	01	183	5050		287	5104		403	196	
25	022	0036	03	018	103	0000	03	148	5017	03	196	5045	03	301	5082	02	419	142	01
26	027	0060	05	023	109	0068	06	156	0040	05	205	0012	03	311	5049	02	431	091	01
27	028	0048	04	023	109	0059	02	155	0041	01	204	0010	01	310	5048		431	103	01
28	019	0045	04	016	101	0024	04	148	0024	04	196	0000	04	302	5056		421	120	
29	019	0007	02	016	099	0004		145	0027		194	0002	01	300	5063		418	154	
30	018	0021	03	015	100	0029	01	146	5003	01	194	5026	01	299	5084		417	155	

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	531	256	04	688	383	02	879	545	129	662	306	573	566	503	712	480		
02	532	233	06	691	369	02	882	538	135	588	318	538	581	486	728	492		
03	520	325		675	414		865	519	127	517	315	495	582	448	732	425	926	455
04	537	259	03	695	386		885	532	140	568	325	506	590	498	737	470	924	464
05	537	275	05	693	413	02	882	552	134	618	314	539	577	490	723	482	914	435
06	528	326	03	683	422		872	530	133	509	319	538	580	516	725	519		
07	537	264	03	694	382	01	885	550	136	607	317	541	577	535	720	529	906	520
08	549	226		708	367		900	527	151	645	330	603	585	551	728	554	912	545
09	538	224	09	697	367		890	514	142	632	323	577	579	550				
10	536	297		692	402		881	555	135	575	317	559	576	555	720	525	906	515
11	512	320	02	666	430		856	508	121	484	308	520	570	494				
12	504	358	02	655	453		845	478	114	468	304	460	574	463	723	470	914	463
13	505	337		659	426		848	507	115	449	307	452	578	455	727	464		
14	535	231	05	694	361	02	887	526	138	687	317	565	580	475	728	465		
15	540	258	04	697	378	02	888	539	140	608	324	527	588	473	736	441	928	452
16	520	329	03	674	423		863	517	125	511	314	471	584	432	735	418	930	418
17	530	266	03	686	410	01	875	567	132	510	321	483	591	423	741	450		
18	522	301		677	423		868	494	137	448	329	447	603	424	753	413	948	413
19	538	247	06	697	374	02	889	537	147	506	336	469	607	431	757	412		
20	529	265	04	686	358	02	881	481	143	516	332	477	601	443	752	407	944	394
21	530	237	07	690	345	03	884	505	141	533	329	495	548	435	748	418		
22	526	302	02	681	391		873	483	141	473	332	459	602	444	751	444	945	432
23	532	268		689	370		882	510	147	473	336	477	606	454	755	455	948	436
24	537	274		695	372		887	499	151	487	339	502	604	483	752	465	942	408
25	555	234	06	715	355	03	907	536	166	544	351	527	612	527	756	511	943	517
26	570	200	10	732	320	03	927	490	180	642	359	574	616	563	759	543	944	522
27	568	203	06	729	339	02	923	503	176	640	355	587	611	559	753	550	939	490
28	558	233		717	361		910	511	167	575	351	551	613	522	759	464	950	459
29	553	256		711	380		902	535	158	546	344	502	608	495	754	486	944	473
30	552	247	04	710	378		902	531	156	562	340	548	601	516	746	497	935	485

Results of Radiosonde Observations,
MACQUARIE – Oct., 1956

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	dg/kg
01	014	0038	03	012	096	5047	01	142	0010		190	5015	01	295	5078		413	164	
02	005	0051	04	005	090	5020	03	135	5041	03	183	5039	03	287	5110	00	404	182	00
03	996	0027	03	503	081	5052	02	126	5072	02	173	5092	01	275	5159	01	391	207	00
04	998	0047	04	501	084	5009	03	129	5021	03	177	5050	02	281	5128	01	396	217	00
05	000	0025	03	001	084	5061	02	129	5094	02	176	5111	01	278	5136	01	394	174	00
06	996	0039	03	503	082	5027	03	127	5064	02	175	5018		280	5079		398	152	
07	002	0015	03	002	086	5056	02	130	5093	02	177	5124	01	278	5164		393	233	
08	005	0052	04	005	090	5020	02	135	5043	02	183	5043		286	5103		404	152	
09	000	0039	03	001	085	5032	02	130	5069	02	177	5069	01	281	5114		399	126	
10	004	0058	04	004	090	5006	03	135	5006	02	183	5029	02	289	5066	00	407	124	
11	992	0063	06	506	080	0041	05	127	0008	04	175	5009	04	281	5060	03	400	142	01
12	980	0045	03	516	069	5015	02	114	5040	02	162	5047	01	266	5110	01	383	185	00
13	985	0040	03	512	073	5028	02	118	5064	02	165	5094	02	267	5156	01	382	254	00
14	992	0045	04	506	079	5006	03	125	5035	03	172	5061	02	276	5117	01	393	166	01
15	005	0058	04	005	090	0007	03	136	0039	03	185	0019	02	292	5060	02	410	140	01
16	007	0046	04	006	092	5010	03	137	5027	02	185	5047	02	289	5108	02	407	144	01
17	013	0026	02	011	095	5057	02	139	5090	01	186	5084	01	290	5120	00	406	191	00
18	008	0029	03	007	092	0031		138	0008		187	5002		292	5087		409	176	
19	996	0025	03	503	082	0020	02	128	5002		176	5015		281	5093	01	399	147	
20	000	0020	03	001	084	5068	02	129	5108	01	175	5142	01	275	5186		391	193	
21	993	0060	05	505	081	0023	04	127	0000	04	175	5022	03	280	5081	02	398	145	01
22	994	0040	04	504	081	0026	04	127	0003	04	176	5026	03	280	5089	02	396	160	01
23	977	0055	04	518	067	0020	04	113	5006	03	162	5017	01	267	5072	00	385	146	01
24	970	0037	04	524	061	5012	03	106	5042	01	154	5073	01	256	5148	01	371	229	00
25	994	0020	03	504	080	5032	02	125	5075	01	172	5108	01	273	5174	00	387	215	
26	004	0036	03	004	088	5049	02	133	5084	01	179	5102	01	282	5128	00	398	199	
27	009	0033	03	008	092	5042	02	137	5072	02	184	5068	02	288	5107	01	405	162	01
28	012	0046	03	010	095	5028	02	140	0019		189	5001		295	5054		414	130	
29	007	0039	04	006	091	0002	03	137	0019	04	186	5004	02	292	5056	00	411	137	01
30	992	0062	05	506	081	0066	06	127	0039	06	177	0018	04	284	5020	02	404	118	01
31	985	0069	05	512	075	0030	04	121	0000	04	169	5011	03	274	5079	01	392	158	

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	547	255		706	374		897	540	152	553	337	516	601	490	748	488		
02	537	287	05	693	401	02	882	557	140	531	326	518	590	492	737	481	927	467
03	523	312		677	422		866	537	128	492	317	488	583	494	729	489	917	507
04	529	298		684	422		872	535	134	515	322	489	590	480	737	479	927	450
05	528	275	05	684	410	02	874	541	135	489	326	473	595	457	743	462	936	434
06	533	249		691	375		884	512	141	552	326	513	592	475	740	452		
07	524	311		679	412		868	536	133	485	321	481	587	485	734	471	924	457
08	539	242		698	370	02	890	519	142	679	321	559	581	508	727	483	917	466
09	535	244		693	377		884	537	139	576	322	547	583	515				
10	544	217		705	338	02	900	494	153	648	333	560	593	523	738	503	925	494
11	536	233	07	696	343	03	889	527	144	571	328	524	591	509	737	502	925	495
12	516	283	04	672	405		866	469	135	477	325	496	592	466	739	461	931	477
13	511	363	02	663	433	01	855	454	128	425	321	423	595	425	747	411	941	427
14	528	254	06	685	386	02	877	521	142	468	333	458	602	461	750	447	942	465
15	547	218		707	333	02	903	484	161	524	350	494	615	483	761	483	952	458
16	543	222	10	703	325	04	900	470	162	491	353	461	621	476	769	455		
17	540	275		698	353		893	494	155	481	345	470	614	458	762	445	955	441
18	543	272		700	360	02	893	508	155	490	344	480	612	470	760	462	952	451
19	534	235		693	355		888	487	148	510	337	480	604	463	752	461		
20	524	288		679	425		867	531	133	456	323	471	594	426	744	440	938	421
21	535	224	07	695	352	02	888	523	144	550	330	488	599	451	748	449		
22	533	230	08	693	344	03	887	508	143	607	325	516	591	469	739	455	931	436
23	522	213	08	682	348	02	876	513	126	637	310	509	579	448	729	419	924	405
24	502	333	03	654	467		844	473	113	467	304	471	578	394	730	417		
25	519	319	02	673	415		864	495	130	484	320	483	588	450	738	420		
26	530	294	04	686	410	02	875	536	139	471	329	465	595	491	741	480	932	447
27	540	239	05	700	351		895	489	151	577	334	545	596	509	742	489	932	453
28	550	225		709	358		902	527	157	589	340	540						
29	547	229	08	707	351	01	900	499	159	538	344	518	608	497	754	463		
30	542	185		704	328	02	899	498	159	529	346	481	613	463	761	463	953	452
31	528	249		685	399		878	458	149	438	342	447	612	460	760	451	952	451

Results of Radiosonde Observations,
MACQUARIE – Nov., 1956

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	985	0065	05	512	075	0045	05	121	0020	04	170	5010	04	275	5078	02	393	159	01
02	988	0060	05	509	077	0018	04	123	5001	04	171	5018	04	276	5090	02	394	157	01
03	986	0057	04	511	074	5013	03	120	5045	02	167	5069	02	270	5118	01	387	202	00
04	007	0008	02	006	089	5076	01	134	5105	01	180	5125	01	281	5183	00	396	214	00
05	013	0024	03	011	095	5061	02	139	5096	01	186	5122	01	288	5112	01	405	184	00
06	005	0031	02	005	089	5058	01	133	5094	01	180	5129	01	280	5171		395	211	
07	994	0050	02	504	081	5029	02	126	5069	01	173	5078	02	276	5128	01	391	200	01
08	010	0055	03	009	094	5009	02	139	5038	01	187	5069	01	290	5094		408	159	00
09	012	0056	04	010	096	0011	04	142	5011	03	190	5032	03	294	5074	01	413	141	00
10	999	0069	05	000	086	0012	03	131	5005	04	180	5036	03	284	5094	01	401	145	01
11	980	0076	06	516	070	0044	05	117	5009	04	165	5003	04	271	5061	03	390	137	01
12	977	0045	03	518	067	5020	02	112	5050	02	159	5058	01	262	5139		379	162	01
13	978	0046	03	517	068	5022	03	113	5056	02	160	5077	02	263	5133	01	379	194	01
14	995	0038	02	503	081	5043	02	126	5079	01	172	5113	01	274	5163		389	203	00
15	984	0061	05	508	077	0000	03	123	5021	03	171	5046	03	275	5115	01	391	192	01
16	993	0023	02	505	079	5049	01	124	5087	01	170	5118	01	271	5188	00	384	253	00
17	001	0030	03	001	085	5046	02	130	5085	01	177	5069	01	280	5108	00	396	166	
18	013	0044	02	011	095	5050	02	140	5081	02	187	5045	01	293	5053	01	412	125	
19	014	0041	03	012	096	5042	02	142	0029		191	0004	01	297	5053	01	416	124	
20	011	0051	04	010	094	5022	03	140	0020	02	189	0005	01	295	5055	01	414	128	
21	004	0063	04	004	089	0015	03	135	0003	03	184	5008	02	290	5041	02	410	124	02
22	000	0045	04	001	086	5023	03	131	5023	02	179	5036	01	283	5098		401	159	
23	995	0062	04	503	082	5014	03	127	5041	02	175	5077	01	278	5116	00	394	190	00
24	998	0050	03	501	084	5023	02	129	5059	02	176	5066	01	279	5115	00	396	168	
25	003	0062	04	003	088	5029	02	133	5021	01	181	5045		286	5064		405	126	01
26	998	0046	04	501	084	0002	02	130	5031	02	178	5042	00	282	5111		399	125	
27	995	0044	04	503	082	0019	04	128	0000	03	176	5041	02	280	5085	01	399	141	
28	989	0055	03	508	077	5010	03	122	5047	02	170	5083	01	273	5124	01	389	170	00
29	983	0064	03	513	072	5009	03	117	5050	02	165	5068	01	268	5120	01	384	198	00
30	986	0047	03	511	074	5031	02	119	5067	02	166	5070	00	269	5117		386	179	

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	528	257	05	686	378	02	881	450	152	438	346	428	617	449	767	440	960	439
02	529	242	07	687	374	02	881	469	150	426	343	463	611	465	759	452	951	444
03	519	321	02	673	398	01	867	442	142	400	337	427	610	448	760	437	953	443
04	528	304		683	408		874	477	143	445	336	434	607	445	756	448	949	448
05	538	265	03	696	377		887	542	144	504	334	460	604	454				
06	527	303	03	682	431	01	870	529	135	470	326	444	599	415	751	408	946	419
07	524	291	04	680	411	01	868	563	130	463	322	438	594	438	744	411	939	421
08	543	240	07	703	318	04	900	474	157	592	340	537	604	490	751	480	943	436
09	549	223		710	335		905	483	164	553	348	540	609	519	754	487	945	458
10	537	242	08	696	369	02	889	520	143	602	327	532	592	470	740	467	933	423
11	526	228	09	687	337	03	882	506	138	539	324	513	589	461	739	447		
12	514	244	07	673	356	03	867	494	130	478	321	458	591	443	741	452	933	425
13	512	283	06	668	404	02	859	519	128	445	321	433	593	437	743	440	936	428
14	522	297		678	414	01	868	508	137	440	331	427	606	423	756	415		
15	525	279	05	681	385	02	874	476	146	429	339	442	611	430	762	434		
16	514	359	01	668	381		865	407	142	385	338	416	612	424	762	432	956	426
17	532	272		688	390		881	476	153	425	346	435	618	443	768	440	960	423
18	549	222		709	350		902	525	161	504	351	466	618	480	765	462	957	449
19	552	216		713	339		908	498	165	516	353	492	619	475	767	458	959	439
20	551	216	09	711	340	03	906	502	167	497	356	487	624	458	772	445	966	435
21	546	225	09	706	343	02	901	493	164	483	352	493	617	488	764	468	956	450
22	535	262		693	356		886	516	153	442	346	468	614	465	762	448	954	448
23	527	301		682	417		872	503	143	413	337	424	609	448	759	442	952	436
24	531	236		690	360		883	515	145	465	338	447	609	448	759	428	953	420
25	542	224		701	329	03	897	503	153	539	340	480	609	454	758	447	950	442
26	536	228	03	695	330	02	890	505	147	534	334	483	602	473	750	463		
27	535	230		696	336		890	502	147	533	335	476	603	466	752	452	944	440
28	523	277		679	400		869	538	129	508	320	430	594	425	744	413	939	426
29	517	303		671	442		859	522	125	469	316	453	588	432	738	416		
30	519	283		675	416		866	489	135	449	328	442	599	444	748	426	943	420

Results of Radiosonde Observations,
MACQUARIE — Dec., 1956

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	991	0066	05	507	079	0010	04	125	5016	03	173	5038	03	278	5085	02	396	133	
02	001	0056	03	001	086	5019	02	132	5003	03	180	5024	02	285	5090	02	403	137	01
03	990	0083	05	508	079	0026	02	125	0000	01	173	5019		278	5053		398	121	01
04	996	0071	05	503	084	0028	03	130	5008	03	178	5030	03	283	5075	02	402	130	02
05	995	0088	05	503	083	0023	03	129	0007	03	177	5032	01	281	5100	01	394	170	
06	006	0061	04	006	092	5006	03	136	5031	02	184	5046	02	289	5075	02	408	116	01
07	999	0050	03	501	084	5026	02	129	5057	01	177	5085	01	280	5110		397	179	
08	008	0050	03	007	092	5040	02	138	0034		187	0030		294	5032		414	096	
09	992	0065	04	506	080	5073	05	127	0046	04	176	0021	02	283	5030		404	099	
10	999	0056	04	500	085	5003	03	131	5016	02	179	5045	02	283	5085	01	401	160	00
11	005	0074	05	005	091	0043	03	137	0010	02	186	5022	02	291	5056	01	410	126	02
12	002	0078	06	002	089	0044	03	135	0009	03	183	5013	03	289	5060	02	408	130	01
13	004	0089	05	004	091	0062	04	137	0035	03	186	0000	02	291	5072	02	411	125	00
14	995	0077	05	504	083	5041	05	129	0017	04	178	5006	04	284	5053	03	403	135	01
15	005	0066	04	005	090	0010	02	136	0000	02	184	5030	01	290	5058		408	111	
16	002	0078	05	002	088	0023	02	134	0012	01	183	0000		289	5046		408	106	00
17	006	0079	05	006	092	0029	04	138	5006	03	187	0009	01	292	5057		412	114	
18	991	0079	06	507	080	0069	06	127	0041	06	176	0021	04	282	5009		403	091	
19	987	0083	05	510	076	0035	03	122	0000	03	171	5007	01	277	5066	00	395	144	00
20	986	0092	05	511	076	0049	04	122	0004	04	170	5030	03	275	5096	02	393	172	00
21	985	0071	06	512	074	0032	05	121	0010	03	169	5030	03	274	5082	02	392	154	01
22	983	0065	04	513	072	0012	03	118	5019	03	166	5049	02	270	5117	01	386	199	01
23	986	0060	04	511	074	5007	03	120	5039	02	168	5063	02	271	5125	01	387	200	
24	973	0077	05	522	064	0015	04	110	5011	04	158	5036	03	263	5085	02	380	160	01
25	977	0091	05	519	068	0040	04	114	0011	03	163	5020	01	267	5095	00	384	180	00
26	981	0084	04	515	071	0026	03	117	0004	03	166	5020	02	270	5098	01	388	165	00
27	984	0086	04	513	073	0005	03	119	5014	03	167	5025	02	272	5101	02	389	190	01
28	991	0070	04	507	079	5003	03	124	5040	02	172	5052	02	275	5108	01	392	174	00
29	979	0071	06	517	069	0026	04	115	0005	04	164	5018	03	269	5075	01	387	153	01
30	975	0074	05	520	066	0048	05	113	0016	04	161	5004	04	267	5066	02	385	142	01
31	984	0070	04	513	073	0005	03	119	0014	03	167	5022	01	272	5089	01	390	154	00

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	533	231	07	693	325		890	466	151	513	339	514	604	473	753	458	945	432
02	540	215	05	701	329	03	896	510	154	519	342	492	608	484	756	442	948	432
03	535	220	07	696	321	04	892	490	151	529	338	499	605	469	753	455	945	441
04	538	220	10	700	316	05	897	482	157	543	343	496	610	454	759	440		
05	533	250	07	691	379	02	882	500	151	451	344	423	619	411	771	414	966	423
06	547	186	11	711	281	05	910	435	170	562	355	538	618	502	764	477		
07	530	275		688	344		887	403	160	450	351	464	618	500	764	477	954	457
08	552	185		715	299	02	913	440	175	565	359	542	620	526	765	518	952	484
09	541	200		703	321		901	454	163	531	349	512	611	523	756	506	943	504
10	536	273	05	693	386	01	885	478	154	460	345	465	611	491	758	478	949	472
11	547	219	10	707	341	04	901	488	164	481	353	508	618	491	765	463	956	454
12	544	230	09	704	353	03	897	513	156	508	344	486	611	475	759	465	950	456
13	548	212		709	315	03	904	502	158	564	344	491	610	473	758	461	949	459
14	540	219	03	700	358		894	509	154	522	342	490	609	466	756	474	947	461
15	546	207		706	341		900	489	163	505	350	491	616	480	764	470	955	452
16	546	214	05	706	335		900	524	159	491	349	466	616	478	764	458	955	464
17	549	213	08	710	336	02	905	495	163	525	350	489	618	472	765	466	956	465
18	542	187		704	306	03	902	472	159	548	347	479	615	459	764	450	956	453
19	530	248	06	688	369	02	880	539	147	417	340	474	609	458	757	460		
20	526	286		682	413		874	456	147	418	342	413	613	447	762	455	952	454
21	527	255	07	685	380	03	875	552	145	429	338	440	612	416	763	433	956	433
22	518	310	03	673	392		867	444	141	417	336	414	611	414	762	430	955	438
23	518	310		673	411		865	462	135	448	327	457	597	455	746	455	938	456
24	515	253	07	673	378	03	865	507	135	417	330	418						
25	517	286	04	673	405	01	863	507	134	404	330	411	603	459	753	426	947	431
26	522	274	04	678	407	01	866	552	134	414	330	401	604	423	754	422	948	429
27	521	299	05	676	410	02	866	527	134	425	328	423	602	434	752	435	945	437
28	526	276		682	395		873	509	141	463	332	456	602	448	752	438	945	449
29	523	245	05	681	363	02	873	541										
30	520	249	03	678	376		872	490	141	429	335	427	608	435	758	427		
31	525	233		685	343		880	506	142	474	332	454	602	454	751	443	944	437

Results of Radiosonde Observations,
MAWSON – JAN., 1956

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	0004	02	500	083	5073	01	127	5097	01	174	5132	01	275	5171	00	389	217	
02	002	0022	02	003	087	5048	01	131	5092	01	178	5136	01	278	5156	00	393	240	CC
03	004	0017	02	005	088	5055	01	133	5101	01	179	5138	00	279	5169	00	395	245	CC
04	002	0048	02	003	088	5065	01	134	5089	01	181	5089	01	283	5149	01	399	195	CC
05	004	0035	02	009	093	5025	01	138	5069	01	185	5108	01	287	5152	01	403	148	
06	005	0046	02	006	091	0004	01	136	5044	01	184	5087	01	286	5151	00	401	185	
07	992	0042	02	505	080	0015	01	126	5018	01	173	5065	00	276	5160	00	391	210	CC
08	007	0042	03	007	092	5014		137	5044		185	5094		286	5180		401	234	
09	994	0063	02	503	082	0030	01	128	5015	01	176	5060	01	279	5125	01	397	153	01
10	994	0051	03	503	082	5006	01	127	5050	02	175	5052	02	279	5098	01	395	155	01
11	995	0043	03	503	082	5035	02	127	5074	02	174	5098	02	276	5146	01	391	196	01
12	985	0035	04	511	074	0010		120	5030		167	5070		271	5091		390	196	
13	998	0015	03	500	084	5015	03	130	5040	03	178	5059	02	282	5097	02	396	155	01
14	000	0029	03	002	086	5025	02	131	5059	02	178	5093	02	281	5123	01	397	191	01
15	001	0038	03	002	087	5013	02	133	5040	02	180	5070	02	284	5091	00	402	148	CC
16	999	0054	03	001	084	5010	01	129	5045	01	177	5045	00	282	5080	01	400	142	CC
17	998	0018	01	500	084	5049	01	128	5085	00	175	5101		277	5155		394	182	CC
18	995	5006	01	503	081	5066	00	125	5105	00	171	5137	00	272	5178		387	208	
19	998	5015	01	500	083	5095	01	127	5119	00	173	5146	00	273	5184	00	387	244	CC
20	001	5024	01	002	085	5091	01	129	5115	01	175	5138	00	276	5175	00	390	217	CC
21	994	5017	01	503	080	5080	01	124	5116	00	170	5141	00	270	5177	01	385	203	CC
22	989	5001	02	507	076	5061	01	120	5105	01	167	5145	00	267	5180	01	382	215	CC
23	987	0001	01	509	075	5056	00	119	5099	00	166	5133	00	267	5147	00	382	215	CC
24	985	5010	01	511	073	5074	01	117	5112	00	163	5138	00	264	5166	00	374	221	CC
25	985	5032	01	511	072	5083	01	116	5120	00	163	5144	00	263	5174	00	378	231	CC
26	990	5058	01	506	076	5083	00	120	5121	00	166	5137	00	267	5172	00	382	221	
27	994	5040	01	503	079	5099	00	123	5120	00	169	5133		271	5149		386	213	CC
28	993	5049	01	504	078	5102	01	122	5131	01	168	5141	00	268	5172	00	383	240	CC
29	996	5024	01	502	081	5096	01	125	5130	01	171	5133	00	271	5189	00	384	247	CC
30	990	5028	01	506	076	5085	00	120	5097		167	5134		268	5157		384	205	
31	979	5036	01	515	068	5074	00	112	5117	00	158	5140	00	260	5118		376	174	

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	522	276		580	374		872	510	136	463	329	424	603	412	756	390		
02	524	299	02	681	401	01	871	524	139	436	333	422	608	400	761	385	959	368
03	524	322		678	422		868	455	140	435	333	428	609	407	761	382		
04	531	297	02	689	355		885	411	156	461	346	464	618	427	769	412	969	402
05	535	302		692	369		889	443	157	472	347	465	618	422	769	423		
06	535	256		693	358		888	482	153	485	344	456	615	422	767	410	963	390
07	525	227		685	344													
08	554	276		591	393		882	483	152	440	345	429	619	430	771	409	967	388
09	532	234	04	692	351		886	508	150	460	343	427	616	417	769	390		
10	531	247	04	690	367		882	523	146	467	337	463	609	413	760	417	957	390
11	525	275	06	682	367	02	875	504	142	458	336	425	609	422	761	394	958	380
12	528	187																
13	534	251	07	693	349	03	887	510	149	457	340	445	612	436	762	420	957	412
14	530	272	03	688	349		883	494	149	466	342	442	614	421	766	405	963	375
15	539	203	11	700	319	05	897	482	155	514	345	467	615	440	767	412	962	404
16	536	210	04	697	337	03	892	498	151	501	342	456	614	425	765	406	962	378
17	530	238	06	690	349	03	885	508	145	493	336	452	608	420	760	406	957	372
18	519	297	03	675	393	01	867	515	135	431	330	418	606	400	759	377		
19	518	294	05	674	405		864	535	134	423	329	415	604	405	756	389	954	374
20	523	293	02	679	398	01	872	497	139	440	333	433	606	412	758	402	955	373
21	519	242	05	674	377	02	866	515	132	442	325	413	601	393	754	389	952	369
22	515	232	05	672	371	02	864	528	128	454	321	417	597	396	750	390	947	372
23	514	297	03	670	381	02	863	515	126	459	319	420	594	400	747	388	945	380
24	511	291	02	667	371	01	860	522	123	465	315	440						
25	510	286		666	395	01	857	534	119	468	311	437	585	410	737	400		
26	514	285	02	670	396		861	540	123	466	315	443	589	411	741	402	938	380
27	514	290	02	674	399	01	865	541	128	450	320	437	593	413	744	406	942	383
28	513	312	02	668	418		857	546	125	432	318	442	592	417	743	404	940	385
29	514	342	02	667	445		856	481	127	424	322	433	595	412	747	401		
30	517	291		675	393	01	864	535	129	452	323	424	597	406	749	396	946	385
31	511	241	08	670	342	04	866	475	132	467	324	454	595	438	746	407	943	384

Results of Radiosonde Observations,
MAWSON – Feb., 1956

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	980	5040	01	514	068	5085	00	112	5128	00	158	5160	00	258	5183	00	372	226	
02	980	5031	01	515	069	5061	00	113	5103	00	159	5145	00	260	5180	00	374	232	
03	989	5011	01	507	076	5059	01	121	5102	00	167	5140	00	267	5176	00	382	212	
04	992	5012	02	505	078	5089	01	122	5122	01	168	5143	00	269	5166	01	394	200	01
07	985	0000	02	510	073	5050	01	118	5090	01	165	5124	01	265	5180	01	380	225	00
08	991	0014	02	506	079	5055	01	123	5094	01	170	5124	01	270	5178	01	384	262	00
09	993	5019	01	504	079	5089	01	123	5125	01	169	5155	01	269	5196	00	392	255	00
10	985	5022	01	510	073	5088	00	116	5125	00	162	5160	00	262	5190	00	376	243	00
11	988	5021	01	508	075	5086	01	119	5124	01	165	5158	01	265	5189	00	379	228	00
12	988	5018	01	508	075	5086	01	119	5128	00	165	5161	00	265	5174	01	380	224	00
13	987	5022	01	509	074	5073	01	119	5108	00	165	5141	00	266	5176	00	379	227	00
14	986	5036	01	510	073	5085	00	117	5120	01	162	5138	01	263	5193	00	376	273	00
15	984	5025	01	511	073	5049	01	117	5091	01	164	5130	01	264	5193	01	377	274	00
16	981	5013	01	514	070	5065	01	114	5109	01	160	5129	01	261	5185	00	375	216	00
17	978	5035	01	516	067	5075	00	111	5115	00	157	5150	00	257	5155	00	372	225	
18	987	5043	01	509	074	5075	00	118	5110	00	165	5133	00	266	5147		391	230	00
19	992	5024	01	505	078	5070	01	123	5116	01	169	5150	01	270	5169		384	212	
20	994	5055	01	503	079	5094	01	123	5129	01	169	5143	01	269	5157		385	166	
22	991	0000	03	506	078	5045	02	123	5071	02	170	5110	01	272	5164	00	386	236	00
23	994	0015	02	503	081	5038	01	126	5080	01	172	5111	01	274	5166	00	389	194	00
24	984	5014	01	511	072	5072	01	116	5115	00	162	5157	00	262	5193	00	376	209	00
25	990	5050	01	506	076	5088	01	120	5123	01	166	5132	01	267	5184	00	380	255	00
26	994	5061	01	503	079	5108	00	122	5150	00	168	5183	00	267	5188	00	381	227	00
27	000	5098	00	502	082	5139	00	125	5178	00	170	5208	00	270	5191		384	213	
28	996	5092	00	501	080	5127	00	123	5158	00	169	5184	00	267	5195	00	381	203	
29	995	5106	00	502	078	5135	00	122	5168	00	167	5207	00	265	5199	00	379	227	00

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	504	282	05	661	383	03	854	497	124	424	318	423						
02	505	333	01	658	413		851	463	124	415	319	417	595	410	747	394		
03	515	297	02	671	402		861	511	130	444	324	441	596	420	747	416	943	393
04	518	231	09	678	337	04	873	506	137	458	329	439	602	418	753	418	947	413
07	511	310	04	667	390	02	858	509	129	415	323	419	598	404	750	402	947	390
08	513	357	02	666	438		855	461	130	407	326	406	602	403	754	397	951	382
09	513	320	03	667	429		857	491	128	425	323	415	598	411	750	411	945	406
10	508	302	04	663	415		854	479	127	404	322	412						
11	511	295	03	666	408		859	470	131	432	325	432	598	427	748	431	943	414
12	511	304	04	667	392	01	860	476	130	433	324	423	595	427	747	416		
13	511	285	03	669	366	01	862	510	129	424	323	434	596	426	747	408	942	405
14	505	333	02	659	440		849	464	122	418	316	433	588	428				
15	507	327	03	661	430		851	497	120	436	314	420	588	422	739	408	936	404
16	507	295	05	664	391	02	855	528	119	444	312	420	586	426				
17	504	290		661	374		853	529	116	444	310	428	584	411	736	410	932	407
18	513	300		669	407		859	542	123	457	317	437	590	426	741	418	936	411
19	517	309		672	402		863	503	134	431	327	424	601	431	752	417	947	398
20	521	238	07	681	308	02	879	453	141	547	331	453	601	450	750	439	943	433
22	518	304	04	673	404		864	548	132	432	326	421	600	414				
23	522	304	04	677	399	02	868	518	133	462	326	420	598	431	749	407	945	405
24	509	278	02	666	389	01	859	483	128	440	322	439	595	427	746	419	942	410
25	510	319	04	665	406		858	485	126	446	318	440	596	411	741	413	936	415
26	513	275		671	367	01	865	501	127	478	317	455	589	436	739	422	934	419
27	517	251	03	676	360	02	870	505	130	499	319	463	589	448	738	435	932	423
28	514	256	02	672	366	02	865	508	124	493	314	455	584	454	733	439		
29	511	299		667	398		858	529	123	458	315	445	587	440	737	435	930	427

Results of Radiosonde Observations, MAWSON – Mar., 1956

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	000	5108	00	002	082	5159	00	125	5189	00	170	5174	00	270	5185		384	224	
02	006	5100	00	006	087	5129	00	130	5150	00	176	5182	00	277	5152		393	193	
03	996	5045	01	501	080	5111	00	124	5134	00	170	5132		271	5158	00	386	223	
04	993	5075	01	504	078	5120	00	121	5156	00	167	5184	00	267	5173	00	382	213	00
05	992	5101	00	505	076	5138	00	120	5169	00	165	5185	00	264	5187		378	234	00
06	995	5119	00	502	078	5162	00	121	5203	00	166	5202	00	265	5188		379	244	00
07	992	5114	00	504	076	5143	00	119	5183	00	164	5200	00	264	5196	00	377	250	00
08	993	5138	00	504	076	5166	00	119	5191	00	164	5216	00	263	5185	00	376	257	00
09	997	5133	00	501	079	5168	00	122	5205	00	167	5206	00	266	5201		378	285	
10	991	5140	00	505	075	5161	00	117	5189	00	163	5197	00	261	5224	00	375	288	00
11	994	5145	00	503	077	5172	00	119	5206	00	164	5221	00	264	5193		377	230	
12	988	5097	00	508	073	5135	00	116	5156	00	162	5190	00	261	5184		376	213	
13	995	5097	00	502	079	5111	00	123	5148	00	168	5188	00	266	5190	00	382	188	
14	992	5090	00	505	076	5120	00	120	5157	00	165	5194	00	264	5161		378	244	
15	986	5128	00	509	071	5150	00	114	5182	00	159	5215	00	257	5215		370	260	
16	999	5139	00	001	080	5190	00	123	5230	00	167	5270	00	264	5244	00	376	281	
17	994	5095	01	503	078	5138	00	121	5177	00	166	5195	00	264	5233	00	376	272	
19	986	5075	01	509	072	5110	00	116	5145	00	161	5192	00	260	5199	00	372	297	00
20	981	5116	00	513	068	5141	00	111	5172	00	156	5202	00	254	5231	00	366	264	00
21	981	5158	00	513	067	5175	00	109	5198	00	154	5228	00	252	5228	00	364	265	
22	983	5160	00	511	068	5182	00	110	5216	00	155	5216	00	254	5216		365	283	
23	991	5163	00	505	074	5179	00	117	5206	00	162	5211	00	260	5227	00	372	284	
24	996	5143	00	501	078	5145	00	121	5154	00	167	5180	00	266	5218	00	378	307	00
25	989	5108	01	507	074	5149	00	117	5186	00	161	5212	00	261	5203	00	373	281	00
26	992	5119	00	504	076	5158	00	119	5181	00	164	5172	00	265	5183	00	378	265	00
27	987	5160	00	508	071	5188	00	113	5215	00	158	5185		256	5196	00	370	278	00
28	980	5191	00	513	065	5191	00	106	5231	00	152	5217	00	251	5218		363	281	00
30	986	5078	01	509	073	5104	01	116	5138	01	162	5165	01	262	5194	00	375	264	00
31	980	5093	01	514	067	5118	00	111	5153	00	156	5183	00	256	5192	00	369	260	00

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C.×10⁻¹
01	516	295		672	398		864	523	128	486	318	466	586	466	735	452	928	423
02	527	254	05	686	337	04	882	484	138	576	325	484	593	455	742	447	935	428
03	517	307		673	399	01	863	525	128	479	319	463	589	450	739	438		
04	514	293	03	670	394		862	524	127	472	318	449	589	449	739	438		
05	509	319	02	663	422		853	522	120	448	313	437	586	416	738	410	933	409
06	509	327		662	450		850	561	114	465	305	445	578	422	729	413		
07	507	338	02	660	453		848	508	116	456	309	450	581	426	732	411	928	399
08	507	319		661	427		849	563	112	467	303	455	573	438	723	422	918	425
09	507	363		658	454		846	533	114	454	305	453	576	431	726	431	921	420
10	502	342	01	655	436		843	555	107	463	299	449	570	435	720	425	915	419
11	508	332		661	454		850	493	117	470	308	475	577	455	726	453	919	434
12	510	228		671	323													
13	516	255	03	676	343	03	872	484	131	572	315	520	581	474	730	464	921	451
14	510	302	03	665	396	02	856	535	117	491	306	487	574	456	722	463	913	452
15	500	335		653	432		840	582	103	478	293	480	561	472	709	459	901	459
16	504	359		656	457		843	524	108	494	298	460	566	472	713	478	903	477
17	506	347	01	659	420		849	526	112	493	301	484	568	475	716	469	906	487
19	503	317	02	658	412		846	555	107	496	296	486	564	474	711	476	901	476
20	495	356	01	647	459		835	489	102	469	293	473	560	477	707	472	896	488
21	494	345	01	646	456		834	550	100	463	290	475	559	478	706	478	894	491
22	494	371		645	474		832	494	101	451	292	456	561	467	709	476	898	479
23	500	373	01	651	443		839	543										
24	504	414	01	653	489		839	523	107	475	297	478	564	479	711	491	900	497
25	502	359	02	654	450		842	525	110	478	300	474	567	495	714	488	903	488
26	507	366	02	657	480		843	564	109	456	301	442	569	474	717	468	906	503
27	499	379	01	648	500		831	581	093	492	282	485	549	484	695	492	864	490
28	492	376		642	476		830	494	099	465	290	487	556	485	702	514	889	498
30	504	345	03	656	458		844	529	108	486	296	507	560	512	705	519	891	517
31	499	340	02	652	424		842	500	110	471	299	498	563	515	707	517	893	523

Results of Radiosonde Observations,
MAWSON — Apr., 1956

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	5088	01	513	068	5131	00	111	5167	00	156	5146	00	255	5213	00	367	302	00
02	988	5131	01	508	073	5157	01	115	5179	00	160	5218	00	258	5238	00	370	274	00
03	991	5136	00	505	074	5177	00	117	5198	00	163	5159		262	5214	00	374	247	00
04	994	5145	00	503	076	5189	00	119	5151	00	165	5143	00	265	5204	00	377	234	00
05	997	5170	00	501	078	5201	00	121	5140	01	167	5147	01	267	5208	00	379	224	00
06	985	5167	00	510	069	5203	00	111	5219	00	156	5190	00	255	5220	00	366	311	00
07	985	5194	00	510	069	5213	00	111	5183		156	5174	00	256	5227	00	367	323	00
09	002	5074	01	003	085	5109	00	128	5131	00	175	5139	00	275	5160	01	391	185	00
11	995	5058	01	502	080	5077	00	124	5117	00	170	5152	00	271	5152	01	387	180	01
13	995	5059	01	502	080	5098	01	123	5134	01	169	5168	00	269	5207	00	382	241	00
14	986	5117	01	509	072	5130	00	115	5170	00	160	5212	00	258	5189	00	372	250	00
15	986	5121	00	509	072	5125		115	5156		161	5194		258	5241		372	193	
17	992	5079	01	505	077	5119	00	120	5159	00	166	5199	00	264	5237	00	375	309	00
18	987	5116	00	508	072	5160	00	115	5198	00	159	5214	00	258	5215	00	370	291	00
19	986	5153	00	509	070	5185	00	113	5205	00	158	5206	00	256	5235	00	367	314	00
20	985	5164	00	510	070	5180	00	112	5168	00	158	5184	00	256	5239	00	366	283	
21	985	5181	00	510	070	5175	00	112	5194	00	157	5185	00	256	5227	00	366	271	00
22	979	5169	00	514	065	5174	00	108	5212	00	153	5182	00	252	5215	00	364	294	00
23	985	5177	00	510	069	5233	00	110	5248	00	155	5221	00	253	5237	00	363	305	00
25	983	5115	01	511	069	5155	00	112	5188	00	157	5198	00	255	5225	00	367	241	00
26	998	5160	00	000	080	5165	00	123	5141		169	5153	00	269	5223	00	381	274	00
29	005	5043	01	006	088	5095		132	5137		177	5186	00	276	5214		388	253	
30	005	5095	00	006	088	5057		132	5092		179	5126		279	5213	00	391	274	00

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	495	352	02	647	453		834	520	101	476	290	482	556	508	701	500	889	512
02	492	350	02	651	462		839	533	103	488	291	502	555	509	700	500	887	522
03	502	361	02	654	470		839	568	102	470	291	498						
04	505	391	02	655	488		839	579	104	471	294	485	559	500	705	509	892	517
05	507	384	01	657	466		844	568	105	496	293	496	558	503	704	501	891	515
06	443	390	01	642	495		826	577	088	485	278	474	544	492	691	493		
07	496	432		640	484		827	516	093	497	282	487	545	518	690	521	475	547
09	525	252	04	685	321	02	833	431	151	450	344	424	620	395	773	388	971	378
11	572	226	03	682	352	02	876	504	133	531	318	552	580	525	724	507	911	508
13	515	273	05	671	400	02	862	533	122	512	309	511	573	506	717	526	903	526
14	503	302	04	659	397	02	849	537	109	506	296	500	559	533	703	528	888	546
15	505	282		660	421		849	562	104	542	289	530	550	541	692	549	876	555
17	502	390	02	654	451		841	571	101	519	287	530	547	545	690	553	873	568
18	474	370	02	649	461		836	557	098	517	285	521	546	532	689	546	873	554
19	494	364	01	643	469		832	532	094	512	281	521	542	533	686	532	871	542
20	448	357		647	468		834	562	096	501	283	513	545	526	689	537	873	552
21	447	374	02	646	480		831	536	094	493	283	493	547	534	690	545	873	561
22	491	395	02	641	476		825	563	089	494	276	513	539	532	682	542	865	568
23	441	367	02	641	467		827	569	087	517	273	525	535	547	677	556	860	569
25	495	342	01	644	494		828	602	086	529	271	522	533	523	677	545		
26	510	350	02	662	474		846	613	097	592	278	580	534	563	676	566		
29	514	330	02	674	416		862	560	114	597	295	570	551	575	692	593		
30	522	309		677	414		866	549	118	617	300	570	554	616	693	604	872	606

Results of Radiosonde Observations,
MAWSON – May, 1956

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	021	5115	00	018	098	5156		141	5143		187	5178		287	5170	00	402	216	00
02	014	5070	00	016	098	5119	00	141	5155	00	187	5136		287	5193		402	225	00
03	004	5110	00	005	086	5135	00	129	5173	00	174	5213	00	271	5224	00	385	242	
04	001	5166	00	002	081	5200		123	5220	00	168	5256	00	264	5222		377	257	
05	004	5147	00	005	084	5179	00	127	5224	00	171	5251	00	267	5264	00	376	525	00
06	002	5144	00	003	082	5187	00	125	5225	00	169	5264	00	264	5282	00	374	517	
07	003	5124	00	004	086	5113	00	129	5155	00	175	5187	00	273	5246	00	384	302	00
08	995	5149	00	502	078	5142	00	121	5172	00	167	5210	00	264	5236	00	375	303	
09	993	5094	01	504	077	5126	00	121	5165	00	166	5204	00	264	5245	00	375	290	00
12	002	5109	01	003	083	5167	00	126	5208	00	170	5242	00	268	5233	00	380	290	
15	986	5081	00	509	072	5135	00	115	5174	00	160	5198	00	256	5246	00	370	284	00
16	987	5158	00	508	071	5178	00	114	5213	00	158	5219	00	257	5235		367	325	
17	987	5156	00	508	071	5200	00	113	5239	00	157	5248	00	254	5248	00	365	324	00
18	985	5198	00	510	069	5212	00	111	5239	00	155	5273	00	251	5257	00	362	318	00
19	977	5209	00	515	062	5233	00	104	5249	00	148	5265	00	244	5271	00	354	325	00
20	984	5239	00	506	071	5254	00	112	5274	00	155	5287	00	252	5257		365	303	
21	995	5236	00	502	075	5238	00	117	5242	00	161	5229		259	5242		369	313	
23	984	5115	00	511	070	5153	00	113	5186	00	158	5224	00	255	5265	00	366	306	00
24	990	5137	00	506	074	5180	00	116	5220	00	160	5241	00	256	5297	00	366	307	00
25	988	5145	00	507	072	5200	00	114	5232	00	158	5261	00	254	5251	00	365	315	00
26	978	5194	00	515	063	5222	00	105	5254	00	149	5233	00	245	5265	00	355	328	00
27	986	5241	00	509	068	5263		109	5295		152	5319	00	248	5280		357	331	
28	982	5197	00	512	066	5225		108	5254		152	5285	00	246	5269		356	316	
29	982	5136	00	512	068	5166	00	110	5202	00	155	5225	00	253	5242	00	364	327	00
30	983	5111	00	508	073	5144	00	116	5173	00	161	5204	00	259	5251	00	369	332	00
31	984	5104	00	511	070	5139		113	5181		158	5224		255	5267		365	312	

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	534	299	04	689	423		876	584	122	647	301	505	554	603	692	603	871	613
02	535	321	02	686	443		873	583	119	653	297	507	551	572	691	607	870	588
03	515	351		666	477		850	621	099	566	280	559	534	603	673	597	852	616
04	506	369		656	493		839	615	093	570	274	582	528	604	667	624		
05	504	402		653	494		838	582	091	587	271	596	523	618	661	622	838	641
06	506	401		648	514		830	513	091	595	259	611	510	641	646	644	822	643
07	511	406	01	659	513		842	609	093	604	273	583	527	602	666	613	844	613
08	503	374		653	474		840	548	097	560	279	560	534	609	672	605	851	622
09	503	364		655	459		840	588	096	558	279	565	535	584	675	610	852	633
12	508	375		658	484		843	589	095	615	273	629	522	643	658	657	832	679
15	494	387	02	647	501		831	565	087	583	267	594	520	592	659	609	834	620
16	494	405	01	642	490		827	587	078	584	259	593	511	603	649	626	826	646
17	495	430		637	535		817	616	070	597	249	605	495	634	635	655		
18	488	406		637	503		820	613	074	577	255	598	508	611	646	632		
19	481	403		630	493		814	576	069	569	250	582	503	623	640	629	816	655
22	490	405		639	488		822	600	075	580	256	587	508	631	645	635		
23	497	394		647	469		832	611	080	627	257	643	503	659	638	673	811	688
24	492	411	01	640	510		823	598	076	596	255	616	503	649	638	677		
25	493	406	01	642	496		827	573	080	606	259	609	508	651	643	665		
26	492	401		640	519		822	624	070	615	248	620	497	647	633	658		
27	491	409		652	507		813	586	066	592	247	590	500	614	638	641		
28	483	406		633	484		818	579	072	571	254	593	505	635	641	655	815	674
29	484	410		638	498		817	579	070	579	251	602	502	631	638	657	812	683
26	476	416	01	637	532		818	623	068	605	248	597	499	637	635	652	809	675
30	475	421		642	535		823	623	073	618	250	634	497	653	633	661		
31	472	397		641	513		822	635	070	640	246	650	492	658	626	685		

Results of Radiosonde Observations,
MAWSON – Jun., 1956

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	988	512	00	508	072	5173	00	115	5205	00	159	5235	00	257	5249	00	367	327	00
02	982	521	00	512	066	5234	00	108	5255	00	151	5280	00	247	5262		357	331	00
03	983	526	00	507	069	5294		109	5322		152	5343		248	5264		358	335	
04	983	526	00	511	065	5271	00	106	5272		150	5298		246	5276		355	348	00
05	982	525	00	512	065	5260	00	106	5289	00	149	5302	00	245	5278		354	358	
06	982	522	00	504	073	5228		115	5232		159	5236	00	256	5298		363	388	00
07	002	525	00	003	080	5263		121	5280		165	5228		263	5263		372	340	
09	970	516	00	522	059	5125	00	102	5161	00	148	5200	00	245	5278	00	354	310	00
10	985	514	00	510	070	5177	00	112	5211	00	157	5242	00	253	5271	00	364	313	00
11	998	517	00	000	079	5207	00	121	5220	00	165	5233	00	263	5241	00	374	325	00
14	996	514	00	501	078	5175	00	121	5211	00	165	5229	00	262	5273	00	371	349	00
16	996	510	00	501	079	5155	00	122	5189	00	167	5225	00	264	5267	00	373	350	00
17	986	510	00	509	072	5132	00	115	5170	00	160	5213	00	258	5251	00	368	323	00
18	991	507	01	505	076	5099	00	120	5136	00	166	5176	00	264	5255	00	374	327	00
19	997	508	01	501	081	5129	00	124	5169	00	169	5211	00	266	5262	00	377	299	00
20	000	517	00	002	082	5130		125	5145		171	5162		271	5203		383	273	
21	997	513	00	501	079	5088		123	5117		169	5152		269	5185		382	278	
22	001	515	00	002	083	5104	00	127	5110	01	173	5122	01	274	5175	01	386	256	00
23	994	517	00	001	079	5168	00	122	5132	01	168	5154	01	269	5170	01	383	233	00
25	970	509	01	522	059	5118	00	103	5153	00	148	5201	00	246	5260	00	357	279	00
26	986	513	00	509	071	5158	00	114	5199	00	158	5202	00	257	5225	00	368	297	00
27	997	514	00	501	079	5182	00	121	5215	00	166	5188	00	265	5217	00	376	298	00
29	983	515	00	511	068	5188	00	110	5213	00	155	5226	00	253	5232	00	364	317	00
30	991	517	00	505	074	5201		116	5240	00	160	5239	00	257	5257	00	367	328	00

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	443	427		640	529		821	630	066	655	241	665	484	697				
02	435	420		630	525		812	618	059	640	235	662	480	683	613	702	763	714
03	433	430		629	542		809	647	057	626	233	647	479	682				
04	436	438		627	530		808	622	058	622	235	642	481	681	614	699	764	713
05	478	451		625	517		808	587	061	601	239	623	488	662	622	679	794	700
06	487	445		633	534		815	606	066	606	245	632	491	681	624	703		
07	498	415		646	504		828	613	078	629	254	646	499	680				
09	483	345	03	638	400	02	828	543	077	673	252	642	499	683	632	705		
10	491	362	02	644	437	01	832	571	078	722	248	697	489	716	620	730		
11	501	392		652	473		837	577	086	687	258	704	496	748				
14	496	442	01	643	525		825	613	074	632	249	670	491	710				
15	497	467		642	551		822	641	069	647	243	696	481	743	610	779		
17	494	415	01	642	515		822	656	069	640	243	662	486	708				
18	500	430		647	530		826	656	073	656	249	642	496	673	630	662		
19	504	386	01	654	503		835	633	082	630	259	630	505	673	639	682	810	712
20	512	372		662	497		845	611	092	662	266	650	511	693	643	704	813	729
21	511	355		662	480		846	610	091	670	263	687	504	718	635	718		
22	517	357	02	668	473		852	614	094	765	261	722	500	724	631	733		
23	514	314	03	668	442	01	854	607	094	782	258	762						
25	486	344	02	638	477		822	524	070	662	245	662	488	726	618	752		
26	497	364		648	466		833	601	078	682	250	682	489	752				
27	504	361	01	657	438		846	534	095	727	264	705						
29	490	410		639	493		820	640	066	666	240	666	484	712				
30	493	413	01	642	515		824	627	067	702	237	703						

Results of Radiosonde Observations,
MAWSON – Jul., 1956

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	431	2120	00	512	0665	5225	00	1107	3261	00	151	5286	00	247	5275	00	557	3228	
02	442	2255	00	512	0665	5252	00	1107	3287	00	150	5325	00	244	5288	00	553	3250	
03	448	2330	00	000	0777	5275	00	1118	3276	00	161	5252	00	257	5307		567	3304	
04	445	2356	00	502	0777	5152		1120	5175		166	5197		264	5244		575	2285	
05	444	2304	00	507	0771	5233	00	1113	3236		157	5220	00	255	5231	00	566	2253	00
06	477	3170	00	514	0663	5216	00	1104	3232	00	148	5245	00	244	5258	00	555	3315	00
07	475	3132	01	514	0663	5142	00	1106	3185	00	150	5218	00	248	5265	00	556	3340	00
08	473	3134	00	519	0661	5156	00	1104	3188	00	145	5208	00	247	5245	00	557	3319	00
09	480	3155	00	514	0666	5157	00	1109	3143	00	154	5209	00	252	5242	00	563	3326	00
10	477	3146	00	518	0662	5210	00	1105	3212		145	5220		248	5244	00	556	3335	00
11	475	3253	00	517	0660	5247	00	1101	3286	00	145	5280	00	241	5269		551	3343	
12	475	3253	00	517	0659	5267		1100	3315		143	5324		236	5287		547	3355	
13	477	3261	00	515	0660	5320	00	1100	3348	00	142	5383	00	234	5332	00	545	3337	00
14	481	3256	00	512	0665	5238	00	1106	3259	00	150	5274	00	246	5285		556	3338	
15	485	3214	00	509	0668	5213	00	1110	3252	00	154	5239	00	250	5278		559	3333	
16	483	3251	00	503	0674	5252		1115	3278		159	5227		257	5240		566	3300	
17	485	3252	00	509	0668	5235	00	1109	3224		154	5195		252	5252		563	3300	
18	487	3201	00	501	0678	5190	00	1120	3208	00	165	5245	00	262	5237		573	3316	
19	478	3128	00	515	0656	5110	00	1109	3155		154	5145		252	5230		564	2295	
20	485	3115	00	502	0678	5163	00	1121	3205	00	165	5246	00	262	5227	00	574	3303	00
21	482	3101	00	503	0679	5107	00	1144	3145	00	190	5148	00	291	5162		606	2255	
22	486	3024	00	017	1101	5062		1145	5089		192	5121		294	5141		611	1161	00
23	488	3044	01	000	0882	5060		1127	5070		174	5094		276	5144		591	2000	00
24	485	3143	00	511	0664	5198	00	1111	5225	00	156	5252	00	251	5268	00	561	3118	
25	485	3057	01	506	0680	5074	00	1124	5109	00	170	5155	00	270	5224	00	594	3094	00
26	484	3050	01	001	0882	5104	00	1126	5136	00	172	5184	00	270	5257	00	581	2899	00
27	485	3117	00	003	0886	5138	00	1129	5176	00	174	5207	00	273	5228	00	584	3118	00
28	483	3158	00	004	0884	5175	00	1126	5216	00	170	5249	00	268	5221	00	580	2833	00
29	488	3152	00	000	0880	5162	00	1123	5208	00	167	5242	00	264	5258	00	574	3121	00
30	487	3194	00	007	0886	5200		1128	5242		172	5280	00	269	5226	00	581	2838	00
31	482	3126	00	003	0883	5179	00	1125	5218	00	170	5220	00	266	5242	00	580	2856	00

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	4 0 3	4 1 3		6 3 0	5 2 5		A 1 1	6 4 7	0 5 4	6 9 5	2 2 5	7 0 3	4 6 2	7 4 7				
02	4 7 8	4 5 0		5 2 5	5 2 7		A 0 7	6 0 9	0 5 6	6 5 0	2 3 0	6 7 6	4 7 0	7 2 8	6 0 0	7 5 9		
03	4 9 6	3 5 2		5 4 8	4 5 9		A 3 4	5 9 6	0 7 9	7 1 9	2 5 0	6 6 2	4 9 1	7 3 9				
04	5 0 4	4 6 9	0 2	6 5 7	4 4 4		A 4 3	6 0 8	0 9 5	7 6 8	2 5 2	7 2 9	4 8 9	7 4 2				
05	4 4 8	3 5 5	0 2	5 4 9	4 6 7		A 3 4	6 0 7	0 7 5	7 5 5								
06	4 8 1	4 0 0	0 1	5 5 0	5 0 9		A 1 1	6 2 7	0 5 8	6 6 6	2 3 1	6 9 0	4 7 0	7 3 6				
07	4 8 2	4 3 5		6 2 8	5 4 4		A 0 9	6 1 6	0 5 6	6 5 4	2 3 0	6 9 0	4 7 0	7 2 7				
08	4 8 4	4 1 6	0 1	5 3 1	5 4 7		A 0 8	5 7 7	0 5 2	6 7 4	2 2 4	6 9 2						
09	4 8 4	4 3 4		5 3 5	5 5 0		A 1 2	5 8 8	0 5 4	6 9 3	2 2 4	7 1 6	4 6 0	7 7 3				
10	4 8 3	4 4 2		6 2 9	5 5 8		A 0 8	6 3 6	0 5 1	7 0 7	2 2 1	7 1 8	4 5 7	7 7 6				
11	4 7 6	4 4 5		5 2 2	5 4 0		A 0 3	6 3 4	0 4 9	6 7 3	2 2 1	7 1 5	4 5 6	7 7 3				
12	4 7 2	4 2 4		6 2 0	5 0 9		A 0 2	6 2 2	0 4 7	6 8 6	2 1 8	7 1 2	4 5 6	7 5 2				
13	4 6 4	4 1 5		6 1 7	5 0 8		A 0 0	6 0 0	0 4 9	6 3 9	2 2 4	6 7 2	4 6 5	7 1 8				
14	4 5 1	4 1 1		6 3 1	4 6 7		A 1 7	5 6 6	0 6 8	6 6 0	2 4 1	6 9 3	4 7 9	7 4 4				
15	4 5 5	4 0 3		5 3 4	4 9 9		A 1 9	5 8 5	0 6 9	6 4 3	2 4 5	6 6 0	4 8 8	7 2 4	6 1 8	7 4 9		
16	4 4 5	3 9 3		5 4 5	4 8 3		A 3 0	5 9 6	0 7 8	6 5 3	2 5 2	6 7 1	4 9 2	7 3 0	6 2 2	7 4 7		
17	4 6 1	3 9 5		5 4 0	5 0 3		A 2 2	6 0 9	0 7 2	6 4 5	2 4 6	6 7 7	4 8 7	7 0 1	6 1 8	7 3 8		
18	5 0 0	3 9 1		5 4 9	4 8 7		A 3 5	5 7 3	0 8 6	6 5 4	2 5 9	6 9 2	4 9 9	6 8 9				
19	4 9 1	3 9 7		5 4 0	4 9 4		A 2 5	5 6 6	0 7 8	5 9 8	2 5 5	6 5 1	4 9 7	7 2 5	6 2 7	7 5 2		
20	5 0 0	4 0 7		6 4 4	5 1 3		A 3 1	5 2 2	0 7 8	6 5 7	2 5 1	7 1 0	4 8 8	7 4 5	6 1 7	7 6 9		
21	5 3 8	2 8 4	0 4	5 9 5	4 0 0	0 1	8 8 4	5 6 8	1 2 7	7 8 5	2 9 0	7 7 9						
22	5 4 5	2 7 5	0 2	7 0 1	4 1 2		8 8 9	5 8 1	1 3 2	7 7 8								
23	5 2 4	3 0 0	0 2	6 7 9	4 2 6		A 6 6	5 8 0	1 1 0	7 7 6	2 7 2	7 8 7						
24	4 8 9	3 7 4		6 4 0	4 7 6		A 2 5	5 7 3	0 7 4	6 8 5	2 4 4	7 1 2	4 8 4	7 4 2				
25	5 0 8	3 9 2	0 1	6 5 7	4 8 7		A 4 1	5 9 9	0 8 9	6 7 3	2 6 0	7 1 9	4 9 6	7 3 9				
26	5 1 0	3 3 5		6 6 3	4 4 5		A 5 0	5 9 6	0 9 3	7 2 5	2 6 2	7 1 8	4 9 8	7 7 6				
27	5 1 0	4 1 6		6 5 9	4 9 2		A 4 3	6 0 4	0 8 7	6 9 9	2 5 7	7 3 1	4 9 1	7 7 6	6 1 8	7 9 3	7 8 0	8 2 5
28	5 0 8	3 7 6		6 6 0	4 4 4		A 4 6	5 8 6	0 8 9	7 2 2	2 5 8	7 2 6	4 9 3	7 7 3	6 2 0	7 8 7		
29	5 0 1	3 9 7	0 1	6 5 0	5 0 5		A 3 2	6 2 4	0 7 5	7 4 2	2 4 2	7 6 5	4 7 4	7 9 6	6 0 0	8 0 2		
30	5 0 4	3 8 5		6 5 8	5 0 1		A 4 0	6 4 9	0 8 2	7 3 9	2 4 9	7 4 6	4 8 3	7 8 7	6 0 9	8 0 7		
31	5 0 8	3 6 1	0 1	6 5 6	4 5 9		A 4 5	5 9 4	0 8 8	7 5 3	2 5 3	7 8 7	4 8 2	8 0 5				

Results of Radiosonde Observations,
MAWSON – Aug., 1956

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	997	0153	00	0501	0779	0165	00	1229	0200	00	1667	0213	00	2665	0215	00	3777	0287	00
02	0006	0221	00	0002	0779	0240	00	1221	0273	00	1664	0292	00	2662	0237		3773	0304	00
03	0004	0245	00	0005	0782	0263		1223	0293		1666	0307		2665	0248		3774	0314	00
04	0004	0207	00	0005	0782	0259	00	1223	0291	00	1666	0280	00	2663	0258	00	3773	0317	00
05	9996	0231	00	5001	0776	0252		1217	0272		1661	0257		2658	0276	00	3767	0333	00
06	9988	0254	00	5007	0770	0240		1211	0252		1655	0279		2652	0263		3762	0346	
07	9984	0244	00	5006	0770	0259		1211	0297		1654	0305		2650	0301	00	3758	0353	
08	9988	0207	00	5007	0770	0228	00	1212	0255	00	1656	0247	00	2650	0289	00	3759	0355	
09	9978	0144	00	5015	0764	0166	00	1206	0205	00	1651	0215	00	2648	0288	00	3757	0343	00
10	9977	0153	00	5016	0764	0163	00	1206	0199	00	1651	0226	00	2648	0293	00	3756	0341	00
11	9978	0278	00	5014	0762	0256	00	1203	0267	00	1647	0273	00	2643	0297		3751	0360	
12	9990	0272	00	5006	0771	0233	00	1213	0255	00	1657	0274	00	2652	0298	00	3760	0377	00
13	9942	0250	00	5004	0773	0251	00	1214	0275	00	1658	0237	00	2655	0257		3766	0316	00
14	9976	0258	00	5016	0766	0270	00	1201	0277	00	1645	0288	00	2640	0268	00	3750	0329	
15	9972	0272	00	5019	0757	0288	00	0996	0323	00	1640	0345	00	2634	0341	00	3742	0331	
16	9935	0245	00	5009	0767	0295	00	1207	0317	00	1650	0332	00	2644	0346	00	3751	0340	00
17	9992	0284	00	5004	0771	0306	00	1212	0322	00	1654	0324	00	2648	0345	00	3755	0388	00
18	9977	0326	00	0000	0775	0317	00	1215	0355	00	1657	0347	00	2652	0344		3761	0347	
19	0004	0240	00	0005	0781	0260	00	1222	0235	00	1667	0223	00	2665	0244	00	3775	0328	00
20	9964	0268	00	0001	0778	0231	00	1219	0230	00	1664	0244	00	2661	0246	00	3772	0316	00
25	9774	0111	00	5015	0767	0095	00	1211	0138	00	1656	0182	00	2655	0214	00	3768	0264	00
26	9984	0135	00	5011	0769	0160	00	1212	0200	00	1657	0240	00	2653	0227	00	3763	0307	00
27	9954	0148	00	5011	0769	0180	00	1211	0220	00	1656	0253	00	2652	0270	00	3761	0306	00
28	9978	0194	00	5015	0763	0215	00	1205	0255	00	1645	0293	00	2644	0292	00	3753	0328	00
29	9984	0205	00	5010	0767	0259	00	1206	0274	00	1652	0297	00	2647	0302	00	3755	0343	00
30	9961	0222	00	5013	0765	0251	00	1206	0288	00	1649	0316	00	2644	0281	00	3754	0352	00
31	9983	0271	00	5011	0765	0280		1206	0321		1649	0334		2643	0298	00	3753	0350	00

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	5086	3753	01	6556	4777		8411	5977	0855	7366	2500	7855						
02	5081	3711		6552	4665		8366	5907	0777	7552	2433	7772	4777	7521	6065	7711		
03	5081	3686		6550	4911		8334	6007	0755	7422	2422	7758	4766	7711	6044	7777	7699	7758
04	5060	4011	02	5496	4883		8333	6115	0733	7900	2366	7999						
05	4933	4114	01	6411	5113		8224	6227	0655	7555	2300	7779						
06	4866	4355		6334	5113		8116	6228	0557	7500	2233	7600						
07	4883	4350		6300	5334		8108	6228	0544	7222	2211	7677	4511	8091				
08	4864	4357		6300	5330		8111	6114	0556	7022	2255	7366	4599	7822	5866	7955	7499	7977
09	4882	4288		6300	5222		8111	6222	0556	7022	2244	7522	4577	7822	5844	7855	7488	7888
10	4882	4115		6300	5194		8111	6355	0544	7188	2222	7388	4566	7744	5833	7844	7466	7988
11	4876	4300		6233	5277		8066	6077	0533	6822	2244	7111	4622	7477	5911	7677	7555	7922
12	4884	4577		6300	5288		8133	6033	0611	6777	2311	7122	4699	7622	5977	7822		
13	4933	3988	01	6411	5110		8233	6311	0688	7033	2377	7477	4711	7777	5999	7688	7633	7933
14	4777	4000		5266	4822		8110	6122	0533	7100	2233	7077	4600	7433	5899	7544	7555	7699
15	4688	4233		6155	5411		7966	6322	0411	6900	2111	7199	4488	7433	5777	7588	7433	7611
16	4777	4266		5244	5255		8047	6477	0455	7333	2133	7455	4488	7677	5766	7877	7411	7677
17	4788	4652		5233	5433		8022	6550	0455	7166	2144	7344	4500	7522	5799	7555	7455	7666
18	4877	4000		5366	4955		8199	6177	0644	7144	2344	7188	4699	7433	5999	7433		
19	5022	3988	01	6511	5033		8322	6433	0755	7077	2444	7299	4800	7522	6100	7299		
20	4933	4033		5466	5177		8266	6700	0666	7322	2344	7388	4688	7688	5977	7544	7633	7577
25	4977	3544	01	6455	4788		8344	5900	0844	6633	2599	6755	5044	6800	6388	6899	8122	6550
26	4900	3977		6400	4668		8266	5977	0700	7044	2411	7077	4811	7077	6133	7077	7833	7255
27	4868	3992	02	6355	4944		8222	5855	0711	6577	2444	6944	4844	7299	6144	7555	7800	7633
28	4794	4222	01	5277	5166		8100	6200	0544	7122	2233	7355	4600	7333	5900	7377	7599	7222
29	4811	4155		6299	5288		8100	6244	0544	7299	2222	7388	4588	7433				
30	4744	4488		6244	5344		8055	6166	0500	7022	2199	7266	4577	7200	5888	7366		
31	4794	3988		6255	4900		8122	6122	0544	7155	2233	7322	4600	7400	5900	7400		

Results of Radiosonde Observations,
MAWSON – Sep., 1956

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	5256	00	510	066	5285	00	107	5317	00	150	5322	00	245	5293	00	353	353	
02	992	5245	00	504	072	5273		113	5299		156	5274		252	5273		362	333	
04	976	5180	00	516	062	5180	00	105	5199		150	5242	00	245	5308	00	353	347	00
05	971	5133	00	521	059	5150	00	102	5168	00	147	5209	00	244	5287	00	354	352	00
06	972	5151	00	520	060	5183	00	102	5213	00	147	5236	00	243	5266	00	353	332	00
07	985	5121	00	510	071	5108	00	115	5150	00	160	5190	00	258	5234	00	369	310	
08	977	5141	00	516	064	5153		107	5192		151	5229		247	5322		357	296	
09	989	5193	00	507	071	5235	00	113	5270	00	156	5306	00	250	5312	00	360	343	
10	002	5185	00	503	082	5200	00	124	5228	00	168	5265	00	263	5345	00	370	370	00
11	004	5188	00	505	083	5233	00	124	5266	00	178	5272	00	274	5301	00	383	332	
12	000	5189	00	502	080	5218	00	121	5255	00	165	5258	00	262	5245	00	373	302	00
15	992	5141	00	504	075	5169	00	118	5207	00	163	5223	00	261	5220	00	372	308	
16	992	5189	00	504	074	5210		116	5233		160	5256		258	5237		369	308	00
17	979	5203	00	514	064	5213		106	5250		150	5253		247	5244		358	315	00
18	980	5220	00	513	064	5257	00	105	5265	00	149	5238	00	247	5253	00	357	320	00
19	990	5191	00	506	072	5219	00	114	5228	00	159	5236	00	256	5276	00	365	345	00
20	994	5172	00	503	076	5213	00	118	5231	00	162	5221	00	260	5277	00	369	352	00
21	997	5163	00	501	077	5225		119	5230		164	5195	00	262	5253	00	373	294	00
22	983	5120	01	511	069	5162	00	111	5199	00	156	5202	00	255	5213	00	367	290	00
23	985	5162	00	510	069	5200	00	111	5208	00	156	5237	00	253	5247	00	364	299	00
24	986	5210	00	513	064	5248	00	105	5285	00	149	5274	00	245	5272		356	318	
25	984	5229	00	510	066	5278		107	5302		150	5318		244	5325	00	352	373	00
26	971	5242	00	520	057	5265		098	5292		141	5296		236	5302		344	363	
27	987	5213	00	508	069	5252	00	111	5286	00	154	5294	00	248	5316	00	356	372	
28	000	5187	00	502	080	5225	00	122	5249	00	166	5254	00	262	5267		373	293	
29	979	5113	00	515	066	5130		109	5168		154	5215	00	252	5235	00	364	252	00
30	977	5084	01	516	064	5145	00	107	5180	00	152	5218	00	249	5304	00	357	370	00

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	478	428		626	520		807	643	050	714	219	728	456	739	586	744		
02	488	407		637	493		820	628	061	741	229	746	463	773	591	788	755	773
04	479	422		626	533		806	650	049	702	219	723	456	747	586	756	752	756
05	479	433		626	517		807	657	048	684	218	743	456	744	586	738	753	757
06	478	424		625	538		807	607	055	658	227	710	466	710	597	725	765	733
07	496	422		643	532		823	621	066	692	238	709	477	712	609	717	779	718
08	484	396		634	499		817	586	065	693	238	682	482	702	614	685		
09	485	423		632	524		816	582	065	632	243	667	488	675	623	665		
10	495	433		642	533		824	617	073	644	248	647	491	703	624	695		
11	508	428		646	525		827	615	072	702	242	713	481	708	612	728		
12	500	412	01	648	530		827	673	070	708	240	727	479	722				
15	499	393		648	506		831	624	078	647	253	636	504	585	644	572	827	545
16	496	398	01	644	526		827	610	074	664	248	645	499	600				
17	484	404	01	634	486		817	626	061	704	231	702	475	649	611	640	789	571
18	464	392	01	633	512		813	648										
19	490	425		638	525		820	622	061	743	229	735	465	733				
20	493	444		640	515		823	599	068	706	237	723	474	749	603	755	770	742
21	502	334	02	655	454		840	613	082	725	250	737	484	780	611	777		
22	495	387	01	644	510		826	607	074	662	247	688	487	712	619	730	788	708
23	492	363		644	468		828	607	075	690	246	692	488	703	621	687	792	692
24	482	408		631	494		816	607	062	685	234	694	477	692	610	695		
25	476	454		622	537		803	622	050	680	222	690	463	713	594	713		
26	468	454		614	533		797	615	043	675	215	711	453	718	585	727	754	715
27	480	452		626	527		808	616	056	681	227	707	466	725	597	740		
28	502	353		654	440		841	569	086	722	256	726	491	752	620	748		
29	497	286	05	652	416	01	840	578	085	748	251	750	487	727	618	723	788	723
30	482	387	01	633	461		820	567	069	672	241	703	482	705				

Results of Radiosonde Observations,
MAWSON – Oct., 1956

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	0101	01	523	058	5130	00	101	5171	00	146	5147	00	244	5266	00	355	312	00
03	979	0087	01	515	066	5140	00	109	5176	00	154	5216	00	252	5264	00	362	335	00
04	984	0080	01	511	070	5130	00	114	5161	00	159	5192	00	257	5268	00	368	304	00
05	989	0083	01	507	074	5149	00	117	5184	00	162	5211	00	260	5247	00	371	293	00
08	979	0087	01	515	067	5102	00	111	5137	00	156	5175	00	255	5239	00	365	323	00
09	984	0118	00	511	070	5157	00	112	5199	00	157	5238	00	255	5232	00	366	300	00
10	983	0125	00	511	068	5172		111	5211		155	5236		253	5232		365	282	
11	981	0148	00	513	067	5161	00	110	5183	00	155	5221	00	251	5279	00	364	246	
12	978	0159	00	515	064	5213	00	105	5247	00	149	5238	00	244	5254	00	355	312	
13	980	0164	00	514	065	5212	00	107	5249	00	151	5286	00	246	5294	00	355	332	
14	980	0162	00	514	065	5204	00	107	5234	00	151	5269	00	246	5344	00	353	354	00
15	978	0152	00	515	064	5201	00	106	5243	00	150	5277	00	244	5335	00	352	350	00
16	976	0132	00	516	061	5248	00	103	5272	00	146	5297	00	240	5350	00	347	379	00
17	985	0132	00	510	068	5244		109	5262		153	5257		250	5264		360	320	
18	990	0165	00	506	073	5185	00	115	5224	00	160	5201	00	256	5241	00	369	309	00
19	982	0103	00	512	069	5106		112	5147		158	5196		255	5263	00	366	302	00
20	978	0151	00	515	065	5153		108	5150		153	5164		253	5219		365	253	00
21	981	0133	01	529	051	5162	00	094	5190	00	139	5224	00	235	5306	00	344	315	00
22	971	0155	00	520	058	5166	00	101	5184	00	146	5190		245	5230		357	286	00
23	977	0097	01	516	064	5133	00	108	5176	00	153	5210	00	252	5216	00	364	293	00
24	982	0093	00	512	069	5140	00	112	5167	00	157	5201	00	255	5257	00	366	309	00
25	971	0116	00	521	059	5183	00	101	5213	00	146	5242	00	243	5226		354	301	
26	982	0142	00	512	067	5180	00	110	5223	00	154	5206	00	252	5241	00	363	293	00
27	984	0128	00	511	069	5178	00	111	5215	00	156	5253	00	253	5240	00	364	311	00
28	975	0154	00	517	062	5196	00	104	5230	00	148	5273	00	244	5265		355	313	00
29	974	0180	00	518	060	5212	00	102	5244	00	146	5269	00	242	5296	00	351	325	
30	984	0142	00	511	069	5194	00	111	5235	00	155	5277	00	250	5284	00	360	328	
31	977	0152	00	516	064	5173	00	106	5216	00	150	5259	00	246	5282	00	356	322	00

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	481	405	01	630	511		811	627	057	664	229	681	473	672	607	681		
03	487	411	01	636	515		817	618	064	660	237	680	481	648				
04	495	398	01	644	513		825	644	069	668	243	652						
05	499	391	02	647	513		828	620	071	706	242	704	484	667	619	665		
08	492	388	02	641	502		825	592	074	651	249	657	497	617	635	604	816	566
09	494	379	02	645	474		830	568	082	647	259	606	514	564	655	550		
10	493	386		644	450		831	554	088	567	268	604	523	547	666	541	851	508
11	494	351		646	458		832	586	081	637	259	596	515	550	658	535	845	505
12	482	403		631	505		816	555	070	601	248	618	500	572	641	583	824	546
13	481	400		629	502		813	587	065	619	243	605	495	580	636	570	819	541
14	479	401		628	500		812	584	064	605	244	592	499	552				
15	477	428		625	513		808	601	058	622	237	596	494	521	639	497		
16	471	457		616	532		799	592	050	618	227	630	479	575	621	541	807	500
17	486	413		535	497		817	613	065	647	241	624	494	566	636	528	824	467
18	496	379	02	646	483		832	555	087	573	270	555						
19	493	399	01	642	496		825	612	074	633	250	616	505	558	648	519	836	480
20	496	318	03	651	421		839	569	086	684	259	676	507	611	645	593	828	534
21	471	377	02	621	495		805	583	056	620	234	623	485	623	624	589		
23	485	387	01	636	461		821	594	069	660	244	656	491	627	627	637		
25	491	383	01	641	493		823	634	074	623	251	634	500	626	637	632		
24	492	400	01	640	519		822	615	070	643	245	643	496	610	634	615		
25	482	396		630	523		814	581	067	618	244	623						
26	491	369	02	642	480		826	587	077	602								
27	491	392	01	641	495		824	605	071	658	246	651	447	605	636	583	817	571
29	482	392		631	492		815	617	061	655	236	643	487	608	626	598	807	568
24	478	383		624	488		811	613	058	662	234	629						
30	486	425		633	517		816	610	065	654	240	640	441	590	630	584		
31	485	394		633	479		817	608	064	664	239	641	440	598	630	568	813	551

Results of Radiosonde Observations,
MAWSON – Nov., 1956

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	9 4 6	5 0 5 0	0 1	5 1 4	0 6 8	5 0 8 0	0 0	1 1 2	5 1 1 7	0 0	1 5 8	5 1 5 0	0 0	2 5 7	5 2 4 4	0 0	3 6 8	3 1 4	0 0
02	9 4 3	5 0 3 7	0 1	5 1 2	0 7 0	5 0 8 4		1 1 4	5 1 2 6	0 0	1 6 0	5 1 5 4	0 0	2 5 9	5 2 4 2	0 0	3 7 1	2 8 8	0 0
03	9 4 3	5 0 7 0	0 1	5 1 1	0 7 1	5 1 2 4	0 0	1 1 4	5 1 6 2	0 0	1 5 9	5 2 0 0	0 0	2 5 8	5 2 2 8	0 0	3 7 0	2 8 4	0 0
04	9 4 4	5 0 7 7	0 1	5 1 3	0 6 6	5 1 2 4	0 0	1 1 1	5 1 6 6	0 0	1 5 7	5 1 9 7	0 0	2 5 5	5 2 3 3	0 0	3 6 6	2 9 8	0 0
05	9 4 1	5 0 9 4	0 0	5 2 1	0 6 0	5 1 3 7	0 0	1 0 3	5 1 7 7	0 0	1 4 8	5 2 0 8	0 0	2 4 7	5 2 2 6	0 0	3 5 9	2 9 0	0 0
06	9 4 0	5 1 0 6	0 0	5 0 5	0 7 4	5 1 5 4	0 0	1 1 7	5 1 8 9	0 0	1 6 2	5 2 2 8	0 0	2 6 0	5 2 2 8	0 0	3 7 1	2 9 3	
07	9 4 1	5 1 0 7	0 0	5 0 2	0 7 6	5 1 5 8	0 0	1 2 1	5 1 9 5	0 0	1 6 6	5 2 0 6	0 0	2 6 4	5 2 3 5	0 0	3 7 5	3 1 3	0 0
08	9 4 4	5 0 6 2	0 1	5 0 7	0 7 5	5 1 0 0		1 1 8	5 1 4 0		1 6 4	5 1 5 4	0 0	2 6 4	5 1 9 4	0 0	3 7 8	2 3 7	0 0
09	9 4 7	5 0 5 5	0 1	5 0 9	0 7 3	5 1 0 5	0 0	1 1 7	5 1 2 8	0 0	1 6 3	5 1 8 1	0 0	2 6 4	5 1 8 1	0 0	3 7 8	2 1 8	0 0
12	9 4 5	5 0 4 2	0 1	5 0 2	0 8 0	5 0 9 5	0 1	1 2 4	5 1 2 3	0 1	1 7 0	5 1 5 7	0 1	2 6 9	5 2 1 8	0 0	3 8 1	3 0 8	0 0
13	9 4 0	5 0 5 6	0 1	5 0 0	0 8 3	5 1 0 7	0 0	1 2 7	5 1 4 5	0 0	1 7 3	5 1 4 5	0 0	2 7 3	5 1 9 0	0 0	3 9 8	2 1 4	
14	9 4 1	5 0 5 0	0 1	5 0 5	0 7 7	5 1 0 1	0 0	1 2 1	5 1 3 9	0 0	1 6 7	5 1 6 3		2 6 5	5 1 9 7		3 9 1	2 0 6	
15	9 4 5	5 0 7 3	0 1	5 0 4	0 7 7	5 1 3 7	0 0	1 2 0	5 1 7 5	0 0	1 6 5	5 2 1 5	0 0	2 6 4	5 2 1 5		3 7 6	2 8 4	0 0
16	9 4 4	5 0 8 6	0 1	5 0 1	0 8 1	5 1 5 0	0 0	1 2 4	5 1 3 0	0 0	1 6 9	5 2 2 3	0 0	2 6 7	5 2 3 2		3 7 9	2 7 3	
17	9 4 6	5 0 4 3	0 1	5 0 2	0 8 4	5 1 0 3	0 0	1 2 7	5 1 3 8	0 0	1 7 3	5 1 6 2	0 0	2 7 2	5 2 0 9	0 0	3 8 6	2 5 0	
18	9 4 4	5 0 4 1	0 1	5 0 5	0 7 8	5 0 8 5	0 1	1 2 3	5 1 2 2	0 1	1 6 8	5 1 5 8	0 0	2 6 7	5 2 0 4	0 0	3 8 0	2 3 8	0 0
19	9 4 4	5 0 3 6	0 1	5 0 3	0 7 9	5 0 8 5	0 1	1 2 9	5 1 2 4	0 0	1 6 8	5 1 5 7	0 0	2 6 7	5 2 2 3	0 0	3 7 9	2 5 6	0 0
20	9 4 7	5 0 2 6	0 1	5 0 1	0 8 2	5 0 8 7	0 0	1 2 5	5 1 2 5	0 0	1 7 2	5 1 6 1	0 0	2 7 2	5 2 0 9	0 0	3 8 4	2 9 2	0 0
21	9 4 2	5 0 4 0	0 1	5 0 5	0 7 7	5 1 0 1	0 0	1 2 1	5 1 3 4	0 0	1 6 7	5 1 7 0	0 0	2 6 7	5 2 0 0	0 0	3 8 0	2 5 4	0 0
22	9 4 3	5 0 5 7	0 1	5 1 2	0 7 1	5 0 8 8	0 0	1 1 5	5 1 3 3	0 0	1 6 0	5 1 7 3	0 0	2 6 0	5 1 9 5	0 0	3 7 3	2 5 2	0 0
23	9 4 4	5 0 4 3	0 1	5 1 3	0 7 0	5 0 6 2	0 1	1 1 4	5 1 2 0	0 1	1 6 0	5 1 6 0	0 1	2 5 9	5 2 2 0	0 0	3 7 2	2 4 3	0 0
24	9 4 8	5 0 2 5	0 2	5 1 4	0 6 6	5 0 4 2	0 1	1 1 1	5 0 7 7	0 1	1 5 8	5 1 0 7	0 1	2 5 9	5 1 6 2	0 1	3 7 6	1 5 7	0 1
25	9 4 7	5 0 1 1	0 1	5 1 5	0 6 8	5 0 2 3	0 1	1 1 3	5 0 5 4	0 1	1 6 0	5 1 0 3	0 0	2 6 2	5 1 4 7		3 7 7	2 1 0	
26	9 4 8	5 0 1 7	0 1	5 1 0	0 7 3	5 0 7 0	0 0	1 1 6	5 0 6 4	0 0	1 6 4	5 1 3 7	0 0	2 6 4	5 1 9 6	0 0	3 7 7	2 5 0	0 0
27	9 4 5	5 0 1 6	0 1	5 1 0	0 7 3	5 0 5 3	0 0	1 1 6	5 0 9 2	0 0	1 6 4	5 1 2 7	0 0	2 6 4	5 2 0 3	0 0	3 7 7	2 7 3	0 0
28	9 4 5	5 0 2 4	0 1	5 1 2	0 7 1	5 0 7 2	0 0	1 1 5	5 1 1 0	0 0	1 6 1	5 1 4 9	0 0	2 6 2	5 1 7 6		3 7 5	2 5 1	
29	9 4 6	5 0 3 0	0 1	5 1 0	0 7 3	5 1 0 1	0 0	1 1 7	5 1 1 5	0 0	1 6 3	5 1 4 1	0 0	2 6 4	5 1 8 7		3 7 7	2 5 0	
30	9 4 6	5 0 3 6	0 1	5 0 9	0 7 3	5 0 9 4	0 0	1 1 7	5 1 2 2	0 0	1 6 3	5 1 5 5	0 0	2 6 3	5 2 0 3		3 7 6	2 6 3	

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	4 4 5	3 9 3	0 1	6 4 4	5 0 5		8 2 6	5 2 1	0 7 0	6 9 8	2 4 3	6 7 2	4 4 1	6 1 2	6 3 0	5 9 0	8 1 1	5 6 4
02	4 9 9	3 6 6	0 1	5 4 9	4 8 9		8 3 2	5 3 2	0 7 6	6 8 8	2 4 8	6 6 7	4 4 6	6 1 2	6 3 6	5 7 3	8 1 9	5 5 5
03	4 9 3	3 7 0	0 1	5 4 9	4 8 6		8 3 2	5 2 3	0 7 6	6 5 0	2 5 5	6 2 9	5 0 7	5 7 6	6 4 9	5 4 1		
04	4 4 4	3 9 4	0 2	5 4 3	4 8 6		8 2 7	5 0 8	0 7 5	6 5 2	2 5 1	6 3 3	5 0 5	5 5 4	6 4 9	5 1 9	8 3 4	4 4 9
05	4 8 7	3 6 7		5 3 7	4 9 1		8 2 1	5 9 5	0 7 0	6 4 6	2 4 7	6 2 6	5 0 0	5 5 5				
06	4 9 9	3 8 5	0 1	5 4 9	4 9 2		8 3 1	6 2 9	0 7 9	6 4 0	2 5 5	6 2 5	5 0 9	5 5 5	6 5 2	5 3 2	8 4 0	4 7 5
07	5 0 2	3 8 7	0 1	6 5 2	4 8 5		8 3 6	6 0 5	0 8 6	6 3 3	2 6 3	6 1 9	5 1 6	5 6 9	6 5 9	5 2 8	8 4 6	4 9 6
08	5 1 1	2 5 4	0 6	6 6 9	3 7 1	0 3	8 6 2	5 1 1	1 1 6	6 3 8	2 9 4	6 1 2						
09	5 1 1	2 8 5	0 3	6 6 7	3 9 9	0 1	8 5 7	5 5 4	1 0 9	6 1 3	2 8 9	5 8 2						
12	5 0 4	3 8 4	0 1	6 5 9	4 5 6		8 4 6	5 6 9	0 4 9	5 9 9	2 7 8	6 0 3	5 3 4	5 5 3	6 7 8	5 2 0	8 6 6	4 7 0
13	5 1 9	3 0 5	0 2	6 7 5	3 9 8		8 6 5	5 3 1	1 1 5	6 9 8	2 9 0	6 3 8	5 4 4	5 4 1	6 8 9	5 0 6	8 7 9	4 4 1
14	5 1 4	3 1 4		6 6 7	4 4 3		8 5 6	5 4 2	1 0 6	6 3 9	2 8 4	6 0 3	5 4 1	5 2 6	6 8 6	4 8 7	8 7 6	4 4 7
15	5 0 6	3 2 7		6 5 9	4 3 4		8 4 8	5 5 9	1 0 1	5 9 6	2 8 2	5 6 5	5 4 5	4 8 1	6 9 2	4 5 1	8 6 0	4 2 0
16	5 0 8	3 4 8		6 6 1	4 2 5		8 5 2	5 2 9	1 0 7	5 8 9	2 9 0	5 4 8	5 5 3	4 7 3	7 0 2	4 4 3		
17	5 1 6	3 2 4	0 2	6 7 0	4 1 7	0 1	8 5 9	5 5 5	1 1 2	5 7 6	2 9 7	5 1 4	5 6 4	4 5 9	7 1 4	4 3 2	9 0 4	4 0 8
18	5 1 1	3 2 3	0 3	6 6 4	4 3 8	0 1	8 5 2	5 7 0	1 0 6	5 4 8	2 9 1	4 8 5	5 6 4	3 9 4	7 1 8	3 6 0		
19	5 0 9	3 4 5	0 2	6 6 1	4 5 8		8 4 8	5 7 2	1 0 2	5 6 5	2 8 6	5 1 1	5 5 6	4 1 1	7 0 9	3 7 0		
20	5 1 2	3 5 4	0 2	6 6 4	4 7 0		8 5 1	5 5 6	1 0 7	5 5 8	2 9 2	5 1 4	5 5 8	4 4 2	7 0 9	4 0 3		
21	5 1 1	3 3 0	0 3	6 6 3	4 5 0		8 5 1	5 6 0	1 0 8	5 3 2	2 9 4	4 9 9	5 6 1	4 5 6	7 1 1	4 3 0	9 0 7	3 7 5
22	5 0 3	3 4 3	0 3	6 5 6	4 4 0		8 4 4	5 5 9	1 0 5	5 0 7	2 9 2	5 1 1	5 5 8	4 5 3	7 0 8	4 2 3		
23	5 0 3	3 0 4	0 4	6 5 9	4 0 0	0 2	8 4 9	5 1 9	1 1 0	5 1 7								
24	5 1 2	2 4 5	0 7	6 7 1	3 5 4	0 3	8 6 5	4 9 7	1 2 2	5 7 2	3 0 8	5 0 3	5 7 6	4 3 9	7 2 7	4 3 4	9 2 1	4 1 6
25	5 1 0	2 6 5		6 6 8	3 6 5		8 6 2	4 8 3	1 2 2	5 5 9	3 0 8	5 1 0	5 7 5	4 3 0	7 2 5	4 3 6	9 2 1	3 8 1
26	5 0 7	3 3 5		6 6 1	4 2 7		8 5 2	4 8 1	1 1 7	4 9 5	3 0 6	4 6 8	5 7 7	4 0 4	7 3 0	3 7 7		
27	5 0 8	3 2 3	0 2	6 6 1	4 3 1		8 5 2	5 0 3										
29	5 0 6	3 1 7		6 6 0	4 1 8		8 5 0	5 3 6	1 1 1	5 1 7	3 0 0	4 7 4	5 7 2	4 1 0	7 2 5	3 8 7		
29	5 0 8	3 2 4		6 6 2	4 2 5		8 5 2	5 2 4	1 1 5	4 7 9	3 0 5	4 7 2	5 7 7	4 0 3	7 2 9	3 7 4	9 2 9	3 5 4
30	5 0 6	3 2 9		6 5 9	4 3 7		8 4 9	5 0 2	1 1 5	4 7 4	3 0 6	4 4 2	5 8 0	4 0 4	7 3 3	3 8 7	9 5 1	3 5 2

Results of Radiosonde Observations,
MAWSON – Dec., 1956

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	985	5007	02	510	073	5088	01	116	5126	01	163	5151	01	263	5202	00	375	268	
02	991	5019	02	505	077	5086	01	121	5115	01	167	5153	00	267	5201	00	380	268	00
03	998	5010	02	501	084	5058	01	129	5091	01	175	5105	01	277	5173	01	391	224	00
04	994	5012	01	501	084	5077	00	128	5117	00	174	5147	00	275	5170	01	390	206	00
05	987	5002	01	509	075	5067	00	119	5096	00	166	5121	00	267	5128	00	384	182	01
06	994	0000	02	503	080	5067	01	124	5107	00	171	5129	00	272	5153		387	216	
07	990	0018	02	506	078	5034	01	123	5073	01	169	5113	01	271	5174	00	385	220	00
08	989	0007	02	507	076	5056	01	121	5090	01	168	5112	00	269	5156	01	385	201	01
09	992	0015	02	505	079	5026	00	124	5068	00	171	5110	00	274	5135	01	390	164	01
10	995	0010	02	504	081	5049	00	126	5086	00	172	5116	00	274	5143	00	390	182	00
11	994	0009	01	503	081	5040		125	5089	00	172	5105		274	5118		391	190	
12	991	0012	01	506	078	5048	00	123	5091	00	169	5124	00	271	5097		388	179	
13	988	5012	01	508	075	5073	00	119	5095	00	166	5121	00	267	5186		381	232	
14	987	5016	01	509	074	5065	00	119	5105	00	165	5146	00	265	5181	01	379	250	00
15	986	0027	02	510	074	5035	01	119	5077	01	166	5113	01	268	5150	00	383	206	00
16	981	0024	02	514	070	5033	01	115	5078	01	162	5103	01	264	5148	00	379	226	00
17	995	0006	02	502	081	5054	01	126	5088	01	172	5128	01	273	5187	01	386	228	00
18	996	0010	02	502	082	5044	01	127	5073	01	174	5097	00	276	5156	00	391	210	00
19	004	0028	02	505	089	5039	01	134	5060	01	180	5112	01	283	5139	00	398	205	00
20	998	0043	02	500	085	5014	00	130	5054	00	177	5082	00	280	5149	00	395	208	00
21	995	0044	03	502	082	5020	02	128	5055	02	175	5086	02	278	5110	02	394	183	01
22	997	0036	02	501	084	5034	01	129	5072	01	176	5071	00	279	5120		395	180	
23	000	0052	02	502	087	0005	01	133	5038	01	180	5074	01	283	5118	01	400	174	00
24	996	0056	02	501	086	0003	01	132	5043	01	179	5085	01	281	5138	00	397	178	00
25	997	0051	02	501	084	5014	01	130	5048	01	177	5076	01	280	5125	00	396	205	00
26	997	0041	02	501	084	5024	01	129	5066	01	176	5094	01	278	5140	00	394	205	00
27	998	0045	02	500	085	0010	01	131	5040	01	178	5085	00	280	5168	00	396	205	
28	997	0028	03	501	084	5025	02	129	5055	02	176	5082	02	279	5143	01	394	223	00
29	995	0026	02	502	082	5048	02	126	5074	02	174	5093	02	276	5124	01	392	205	00
30	996	0007	02	502	082	5050	01	127	5080	01	174	5108	01	275	5152	01	390	204	00
31	996	5025	02	501	084	5048	02	129	5079	02	176	5116	01	277	5156	00	393	190	00

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	506	308	02	661	416	01	850	548	112	476	304	429	579	400	733	367		
02	511	315	02	666	411		856	532	115	503	304	461	577	386	731	357	932	330
03	524	274	05	681	380	02	873	518	134	490	325	460	596	413	748	388	947	341
04	523	273	06	681	367	03	873	526	132	483	322	453	594	426	746	397	944	361
05	517	258	07	676	361	03	869	507	128	507	318	455	592	383	745	377	944	341
06	520	283	02	677	374		869	520	132	459	323	448	597	396	750	371	951	338
07	518	279	03	675	392		866	513	132	468	325	430	601	391				
08	517	283	05	674	396	01	865	511	132	431	326	412	601	398	754	387		
09	525	236	06	684	364	02	878	499	140	471	334	407	610	381	764	364	965	332
10	524	260		682	364		876	503	137	485	329	424	604	400	757	384		
11	525	268		681	393		873	525	135	459	328	424	605	383	759	367		
12	522	271		680	382		871	533	134	450	327	416	604	376	759	359	958	343
13	512	313		667	435		856	497	125	418	321	406	549	373	753	365	953	347
14	510	313	04	664	422	02	853	516	119	436	313	410	591	378	745	366	945	350
15	515	296	03	671	410	01	860	551	121	475	313	427	590	375	744	362		
16	510	303	03	666	406		856	547	120	458	313	413	592	366	746	358	947	337
17	518	320	04	672	415	02	861	543	126	453	318	435	593	396	746	367		
18	523	300	03	680	381		872	524	133	477	325	421	601	391	755	367		
19	531	296	03	687	383	01	879	517	141	469	334	425	609	407	762	366	961	364
20	527	293	02	683	397		874	530	138	460	331	420	605	398	758	390		
21	528	280	05	685	380	02	876	527	139	473	332	425						
22	530	263	04	686	386	01	878	522	140	477	332	423	607	397	759	383	959	366
23	534	251		693	362		886	501	148	487	339	448	614	398	767	389	965	368
24	532	264		689	374		882	516	145	468	336	438	611	401	764	383	962	375
25	524	280		686	392	02	877	518	142	458	335	426	611	388	764	373	963	362
26	526	305	02	682	400		873	497	142	432	336	405	614	383	768	370		
27	528	291		684	389		876	512	145	431	339	420	616	383	770	365		
28	525	300	04	681	410	01	872	475	144	422	340	405						
29	525	304	04	680	408	02	870	510	139	433	333	416	609	386	763	377	961	362
30	523	302	03	678	413		868	515	137	430	331	414	608	389	761	375	961	354
31	526	257	03	685	345	03	881	484	141	493	332	443	606	403	758	373	957	361

Results of Radiosonde Observations,
TROPOPAUSE

MACQUARIE ISLAND 1956

January

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	1130	220	612	1
02	1216	193	623	1
03	929	288	498	2
04	927	286	530	1
05	870	305	502	1
06	873	300	507	1
07	964	266	550	1
08	1058	236	556	2
09	1116	218	604	1
10	1162	206	638	1
11	1210	190	675	1
12	1121	217	569	1
13	1101	227	598	2
14	1038	249	541	1
15	1028	251	530	1
16	927	285	413	2
17	956	272	538	1
18	959	060	483	2
19	1435	133	487	1
20	1241	185	612	1
21	1332	158	488	2
22	874	304	498	1
23	965	268	516	2
24	675	400	390	1
25	919	285	540	1
26	855	312	513	1
27	811	327	486	1
28	1030	244	605	1
29	749	359	447	1
30	1143	212	565	1
31	1365	150	502	2

February

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01				
02	1141	209	549	1
03	874	300	516	1
04	782	339	489	2
05	760	345	493	1
06	871	300	513	2
07	1025	240	549	1
08	832	320	479	2
09	1011	250	503	1
10	1373	147	532	1
11	1117	220	572	1
12	1074	228	446	2
13	963	271	495	1
14	1078	233	585	1
15	846	322	503	1
16	1107	223	606	2
17	1226	190	646	1
18	1027	252	556	2
19	1098	228	593	1
20	1108	225	599	1
21	1131	218	591	1
22	1269	178	578	2
23	1229	188	573	1
24	1363	150	498	2
25	1285	166	466	2
26	967	268	540	1
27	817	332	433	2
28	997	261	518	1
29	1465	132	603	2

March

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	1291	175	593	2
02	1136	212	580	1
03	1154	206	607	1
04	1032	246	532	1
05	1231	180	471	2
06	1399	139	536	1
07	1370	150	588	2
08	1045	237	463	1
09	881	300	448	2
10	711	338	432	2
11	884	300	429	2
12	709	381	485	2
13	1049	237	579	1
14	1147	210	652	1
15	1230	180	480	1
16	1074	229	597	1
17	772	350	440	2
18	909	286	531	1
19	880	300	509	2
20	1196	195	664	2
21	1183	200	628	1
22	1363	150	623	1
23	1085	226	581	2
24	954	273	541	1
25	747	363	449	1
26	881	296	535	1
27	881	300	512	1
28	1148	205	644	2
29	1048	234	537	1
30	1117	218	611	2
31	1418	136	593	1

April

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	1106	226	565	1
02	1005	256	555	1
03	1038	247	548	1
04	992	260	550	2
05	1066	233	604	1
06	926	284	551	1
07	1120	219	608	1
08	1168	203	605	1
09	1060	242	567	2
10	1091	229	583	1
11	1055	240	573	2
12	1077	229	625	1
13	1131	210	647	1
14	1048	237	613	2
15	996	256	574	2
16	1191	193	660	1
17	1074	227	589	1
18	975	258	542	1
19	841	312	534	1
20	856	305	524	1
21	983	250	627	1
22	756	346	499	2
23	886	292	547	1
24	963	262	543	1
25	957	268	565	2
26	1408	132	508	1
27	981	260	527	1
28	984	256	557	1
29	870	300	487	1
30	1077	225	617	1

May

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	1107	217	633	1
02	1183	194	677	1
03	1166	200	660	1
04	1116	217	604	1
05	1066	236	604	2
06	1073	228	588	1
07	1113	216	664	1
08	1084	225	660	1
09	1081	225	667	1
10	1077	223	640	1
11	719	370	454	1
12	840	308	533	1
13	659	400	490	2
14	916	276	576	1
15	1055	227	660	1
16	1086	223	676	1
17	1128	212	706	1
18	1134	211	708	1
19	1090	224	657	2
20	975	257	602	1
21	1061	229	641	1
22	1170	194	685	1
23	882	300	555	1
24	1130	206	690	1
25	1069	227	605	2
26	1133	208	673	1
27	993	253	621	1
28	927	274	568	1
29	1148	200	685	1
30	1131	205	680	1
31	1080	221	668	1

June

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	987	256	554	1
02	1039	226	642	1
03	1638	240	629	1
04	1633	239	638	1
05	1001	250	645	2
06	1124	204	704	1
07	1078	214	649	1
08	850	300	550	2
09	1146	200	731	2
10	1241	175	719	1
11	1206	186	704	1
12	1026	243	599	1
13	967	260	618	1
14	1021	239	636	2
15	1051	225	628	1
16	1028	234	702	1
17	961	256	635	1
18	950	257	606	1
19	876	291	596	1
20	799	070	562	1
21	850	305	597	2
22	1087	215	656	1
23	817	317	499	1
24	951	263	590	2
25	1096	215	692	1
26	1045	230	656	1
27	1097	215	685	2
28	1103	211	695	1
29	1074	218	703	1
30	985	246	640	1

Results of Radiosonde Observations,
TROPOPAUSE

MACQUARIE ISLAND, 1956

July

DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	1628	090	552	1
02	1747	075	532	1
03	867	296	614	1
04	835	310	564	1
05	882	284	569	1
06	1105	210	686	1
07	1041	230	633	1
08	796	321	503	1
09	1031	232	677	1
10	937	266	568	1
11	1036	231	682	1
12	1057	224	655	2
13	1095	213	676	1
14	1119	206	689	1
15	1090	218	655	1
16	1108	215	706	1
17	1122	212	705	2
18	1064	231	630	1
19	1013	248	658	1
20	1057	228	642	1
21	1030	233	683	1
22	941	266	588	2
23	977	252	631	1
24	950	264	626	2
25	991	248	690	1
26	965	259	657	2
27	948	261	630	1
28	1116	202	735	1
29	1070	219	708	1
30	1004	241	646	1
31	924	267	565	1

August

DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	854	305	589	1
02	1051	229	700	1
03	978	256	593	1
04	993	249	682	2
05	975	259	613	2
06	1020	245	668	1
07	1050	229	650	1
08	995	250	667	1
09	883	291	625	1
10	962	255	599	1
11	1070	222	683	2
12	1056	227	673	1
13	978	250	622	1
14	1600	094	495	1
15	729	356	498	2
16	991	248	545	1
17	1037	236	604	2
18	938	272	609	1
19	1017	240	635	1
20	976	248	656	2
21				
22	1049	223	670	2
23	1029	227	682	1
24	859	290	576	1
25	769	333	543	1
26	831	311	561	2
27	895	285	577	1
28	960	256	612	1
29	891	287	617	1
30	932	268	621	1
31	1327	145	521	1

September

DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	1114	205	700	1
02	996	250	640	1
03	970	056	473	1
04	1066	225	608	1
05	1006	245	643	1
06	897	288	542	2
07	1013	244	639	1
08	1056	234	658	2
09	1100	215	662	1
10	1031	236	628	1
11	1261	161	530	1
12	701	372	481	1
13	827	310	513	1
14	1114	208	698	1
15	1012	246	634	1
16	894	286	527	2
17	925	277	596	1
18	826	319	491	2
19	1028	240	608	1
20	979	257	551	1
21	997	251	605	1
22	861	305	494	1
23	874	304	510	1
24	967	265	539	1
25	940	285	553	1
26	1149	211	687	1
27	1143	211	675	1
28	1096	224	594	1
29	987	262	588	2
30	1020	248	612	2

October

DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	1009	251	593	1
02	983	255	579	1
03	889	290	544	1
04	862	304	538	1
05	944	269	559	1
06	952	269	563	2
07	868	300	536	1
08	1135	202	683	1
09	1065	225	608	1
10	1136	206	688	1
11	1043	235	632	1
12	866	300	469	2
13	743	354	465	1
14	860	308	521	2
15	1077	229	601	1
16	1069	231	572	1
17	1012	249	577	1
18	959	271	568	2
19	1033	239	568	1
20	840	313	537	1
21	1027	241	605	1
22	1109	211	625	1
23	1070	220	680	1
24	669	391	475	1
25	864	300	495	2
26	927	276	545	1
27	1075	226	627	1
28	1051	237	617	1
29	1045	240	578	2
30	1008	253	576	1
31	878	300	458	2

November

DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	881	300	450	2
02	1427	132	486	1
03	732	367	433	2
04	859	307	501	1
05	1002	250	593	1
06	862	303	532	1
07	946	265	583	1
08	1081	226	622	2
09	1022	250	573	1
10	1064	228	642	2
11	1015	243	604	1
12	961	260	556	1
13	847	306	519	2
14	856	306	520	1
15	827	322	483	1
16	531	488	373	1
17	1046	316	475	2
18	1008	254	592	1
19	1081	229	630	1
20	1008	256	588	1
21	995	260	556	1
22	907	290	525	1
23	853	310	514	1
24	962	265	562	1
25	1086	223	638	1
26	1054	232	628	1
27	1059	231	617	1
28	923	276	564	2
29	845	307	528	1
30	875	296	492	2

December

DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	1046	236	560	2
02	1069	229	595	1
03	1000	255	567	2
04	1019	248	557	2
05	845	318	527	1
06	1098	225	594	1
07	927	282	416	2
08	1119	218	573	1
09	1060	235	556	1
10	790	346	470	2
11	1070	254	555	1
12	1002	254	581	1
13	1074	228	638	1
14	917	288	533	2
15	975	266	541	1
16	1047	238	590	1
17	1200	248	596	1
18	1080	226	636	1
19	883	297	540	1
20	741	366	458	1
21	875	300	552	1
22	730	368	421	1
23	760	352	455	1
24	843	310	501	2
25	1017	322	510	1
26	866	300	552	1
27	886	291	536	1
28	840	316	504	2
29	888	292	550	1
30	897	289	497	1
31	943	272	554	2

January

DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	970	257	571	1
02	871	300	524	2
03	809	328	495	1
04	1000	253	455	1
05	978	263	481	2
06	924	283	514	1
07				
08	842	320	499	1
09	969	263	562	1
10	928	280	536	1
11	875	300	504	1
12				
13	1000	251	572	1
14	938	275	514	1
15	1074	228	616	1
16	1041	238	609	1
17	991	254	585	1
18	828	318	503	2
19	864	300	535	1
20	900	287	512	1
21	901	284	541	2
22	953	261	573	1
23	947	262	579	1
24	912	275	557	1
25	934	265	580	1
26	940	266	575	1
27	927	272	573	1
28	857	300	546	1
29	752	351	501	2
30	891	287	560	2
31	947	265	504	1

February

DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	896	281	524	1
02	940	263	473	1
03	815	323	508	2
04	953	264	567	1
07	858	300	509	1
08	774	338	523	1
09	786	335	501	1
10	783	333	500	1
11	810	324	473	1
12	818	320	472	2
13	932	270	555	1
14	733	359	497	1
15	780	333	492	2
16	938	263	587	1
17	940	261	590	1
18	907	278	566	1
19	845	306	512	1
20	1028	264	513	1
22	864	300	548	1
23	920	276	545	1
24	859	300	483	2
25	928	269	509	1
26	1000	243	570	1
27	1018	237	587	1
28	992	245	592	2
29	910	276	528	1

March

DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	875	295	527	1
02	1087	218	628	1
03	930	271	538	1
04	916	276	538	1
05	896	282	535	1
06	899	278	570	1
07	799	323	529	1
08	910	272	594	1
09	846	300	533	1
10	874	285	570	1
11	750	349	504	1
12				
13	1036	233	571	2
14	925	270	567	1
15	840	300	582	1
16	780	331	532	1
17	886	283	552	1
19	870	289	573	2
20	766	334	517	1
21	846	294	553	1
22	770	331	537	1
23	851	292	552	1
24	726	357	535	2
25	830	305	532	1
26	802	319	572	1
27	813	309	587	1
28	727	351	516	2
30	818	312	534	1
31	789	325	493	2

April

DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	800	315	550	1
02	857	291	544	1
03	818	310	576	1
04	821	307	580	1
05	844	300	568	1
06	766	330	573	2
07	728	350	517	2
09	1025	242	505	1
11	1058	225	603	1
13	959	257	563	1
14	933	262	580	1
15	932	261	613	1
17	919	280	580	1
18	836	300	557	1
19	812	309	537	1
20	834	300	562	1
21	769	330	567	1
22	765	328	578	1
23	866	282	576	1
25	828	300	602	1
26	896	276	634	2
29	999	241	637	1
30	1053	222	631	1

May

DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	1039	230	702	1
02	1003	242	686	2
03	947	256	673	1
04	896	274	649	1
05	928	260	613	1
06	904	266	637	1
07	918	265	629	1
08	945	253	587	1
09	894	275	608	1
12	905	271	607	1
15	789	320	573	1
16	890	270	623	2
17	780	318	628	1
18	797	311	609	2
19	886	268	593	1
20	856	284	616	2
21	894	272	648	2
23	915	259	603	1
24	947	249	606	1
25	875	276	649	2
26	851	282	613	1
27	910	258	593	1
28	897	264	609	1
29	869	276	634	1
30	849	287	637	1
31	865	280	653	1

June

DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	900	262	680	1
02	923	250	660	2
03	782	312	647	2
04	894	261	647	1
05	876	269	613	1
06	813	300	606	2
07	916	260	637	1
09	1045	212	675	1
10	1105	191	734	1
11				
14	863	282	627	2
16	822	300	641	2
17	880	272	675	1
18	826	300	656	1
19	1017	223	658	1
20	929	261	650	2
21	1005	231	700	1
22	1094	200	765	2
23	1120	191	797	1
25	1070	200	662	1
26	971	239	690	2
27				
29	867	278	663	1
30	934	250	693	2

July

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	904	256	692	1
02	849	280	620	3
03	1023	220	709	2
04	1085	200	768	2
05	1075	200	755	1
06	997	222	666	2
07	899	259	654	1
08	796	306	692	1
09	955	236	704	1
10	936	243	696	2
11	880	265	659	2
12	939	240	673	2
13	883	263	628	2
14				
15	979	232	638	2
16	950	247	644	2
17	906	262	637	1
18				
19				
20				
21	1250	161	808	1
22				
23	1246	157	827	1
24				
25				
26	1052	214	732	1
27				
28	1124	188	742	1
29	1242	150	765	1
30	1137	182	748	1
31	1253	150	787	2

August

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	1186	168	780	2
02	1148	177	772	2
03	1005	226	750	1
04	1045	210	787	2
05	1035	211	753	2
06	1057	200	753	2
07				
08	1331	125	764	2
09	1135	175	735	2
10	1332	124	770	2
11	1132	175	701	2
12	1140	175	703	2
13	1159	171	742	2
14	978	228	725	1
15	1120	175	706	2
16	932	242	713	2
17	1045	200	716	2
18	1317	130	762	1
19	1133	181	729	2
20	1334	126	773	1
25	1259	150	675	1
26	1037	212	709	1
27				
28	1054	200	712	2
29	1054	200	729	2
30	936	242	683	2
31	990	223	720	1

September

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	1050	200	714	3
02	1061	200	741	1
04	1456	100	747	3
05	920	248	736	1
06	1299	133	725	1
07	1238	150	709	2
08	1065	200	683	1
09	1488	100	675	1
10	1027	216	647	1
11	1162	172	721	1
12	1070	200	708	2
15	984	234	667	1
16	905	265	644	2
17	1061	200	704	2
18				
19	1025	213	750	1
20	1068	200	706	2
21	1484	100	780	1
22	1074	200	662	3
23	1075	200	690	1
24	1062	200	685	1
25	1294	133	707	2
26	1145	169	707	2
27	1056	200	681	3
28	1040	217	718	2
29	1069	206	750	1
30	1177	167	700	2

October

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	1116	182	687	1
03	1128	180	683	1
04	971	236	686	1
05	981	233	713	1
08	1022	218	655	1
09	1122	188	644	1
10	1136	186	581	3
11	1081	200	637	1
12	1332	131	639	1
13	1065	200	619	2
14	920	252	610	1
15	839	286	615	2
16	912	250	617	2
17	917	256	646	2
18				
19	1132	182	644	1
20	1033	219	680	2
21	867	272	615	1
22	917	257	644	2
23	836	295	640	1
24	930	251	647	1
25	1067	200	618	2
26				
27	970	237	668	1
28	973	232	673	1
29	889	265	664	1
30	974	232	646	3
31	1015	218	675	1

November

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	1007	223	701	1
02	1015	222	702	1
03	950	247	662	1
04	891	270	632	3
05	880	272	632	2
06	922	259	654	2
07	989	235	632	2
08	1050	223	650	1
09	1030	228	631	1
12	901	274	598	2
13	1115	200	698	1
14	1180	177	636	1
15	979	244	614	1
16	978	246	595	1
17	989	244	628	1
18	989	242	630	1
19	930	263	615	1
20	920	269	577	1
21	992	240	579	1
22	844	300	559	1
23	926	267	536	1
24	1089	212	624	1
25	1158	189	562	1
26	947	260	517	1
27	928	267	517	1
28	921	269	563	1
29	898	280	538	1
30	849	300	502	2

December

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	87-	267	555	2
02	918	273	568	2
03	957	263	567	2
04	995	248	584	1
05	999	245	591	2
06	953	263	565	2
07	897	286	525	1
08	844	311	510	2
09	985	254	580	1
10	976	257	566	1
11	964	261	562	1
12	911	282	547	2
13	787	334	502	1
14	898	280	533	1
15	924	272	585	1
16	891	285	563	1
17	861	300	543	2
18	952	264	572	1
19	976	258	555	1
20	916	281	548	1
21	921	279	560	1
22	977	257	581	1
23	964	264	552	1
24	937	275	550	1
25	925	279	542	1
26	892	292	500	1
27	876	300	512	2
28	817	326	477	1
29	886	294	512	1
30	859	304	520	1
31	1052	230	568	1

Results of Upper Wind Observations,
MACQUARIE · 1956

MONTH	DAY	HOUR	SURFACE		1000 FEET		3000 FEET		5000 FEET		7000 FEET		10,000 FEET		15,000 FEET		20,000 FEET		25,000 FEET		30,000 FEET		35,000 FEET	
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt
JAN	02	04	13	04	04	17	03	30	04	26														
JAN	04	04	34	11			33	23	33	26	33	29	34	30	35	36								
JAN	04	10	34	11	34	18																		
JAN	04	22	26	13	27	15																		
JAN	05	04	26	13	26	12	24	17	25	15														
JAN	05	10	21	07	23	16																		
JAN	05	16	26	10	25	05	25	20	25	28														
JAN	05	22	28	12	30	18	29	18	25	13														
JAN	06	05	27	17	27	19	27	21	28	19	28	23	28	24										
JAN	06	10	27	12	25	20	25	14																
JAN	06	17	29	16	29	17																		
JAN	07	04	29	22	29	30	28	38																
JAN	08	10	00	00	23	03																		
JAN	09	10	27	18	28	23																		
JAN	09	22	33	06	35	12																		
JAN	14	04	31	06	27	06	31	14																
JAN	15	04	17	11	17	18																		
JAN	16	22	26	35	26	40																		
JAN	17	04	26	32	26	42	26	40	26	49														
JAN	17	10	27	30	27	43																		
JAN	17	22	27	24	26	21	26	28																
JAN	18	04	26	10	25	10																		
JAN	18	09	00	00	14	03	23	01	29	16	29	16	30	13										
JAN	19	04	30	20	29	35																		
JAN	19	23	08	10	09	13																		
JAN	22	04	27	29	27	37	26	40																
JAN	22	10	28	21	27	26	27	31	26	31														
JAN	22	16	28	18	27	30	26	32																
JAN	22	22	27	27	27	38	27	33																
JAN	23	05	29	21	29	29																		
JAN	23	22	30	24	29	31																		
JAN	24	04	30	24	30	30	28	36	28	39	28	39												
JAN	24	09	27	25	23	32																		
JAN	24	18	27	27	25	38	24	35	25	26	24	23	25	27										
JAN	24	22	27	18	25	26	25	23																
JAN	25	04	29	14	29	17	28	18																
JAN	25	09	29	14	29	17																		
JAN	25	18	34	08	36	18																		
JAN	26	10	29	23	29	30																		
JAN	26	17	27	24	24	26																		
JAN	26	22	26	18	24	18																		
JAN	27	04	26	23	26	30																		
JAN	27	08	26	25	26	30	25	35	25	33	25	32	25	36	25	42	25	47	25	50	26	45	27	41
JAN	27	22	26	27	26	38	25	36	27	24	24	36	24	58										
JAN	28	04	29	19	28	24	27	35	26	34	25	36	26	46										
JAN	28	10	30	26	30	27	28	27	27	35														
JAN	29	04	29	23	29	30	27	25					29	30	30	32								
JAN	29	22	24	16	22	09																		
JAN	30	04	22	15	23	20																		
JAN	30	10	27	12	23	08																		
JAN	30	17	30	26	28	39																		
JAN	31	04	27	25	26	22																		
JAN	31	09	27	22	26	44	24	31	23	30	26	25												
JAN	31	18	27	30	26	39	24	56																
JAN	31	22	27	30	26	35	26	40																
FEB	01	04	29	22	28	31	27	39																
FEB	01	10	29	25	28	35																		
FEB	01	17	31	28	29	36	28	49																
FEB	01	22	31	25	30	40																		
FEB	02	04	30	29	30	40																		
FEB	02	09	29	23	28	32																		
FEB	02	22	27	31	26	30	26	29																
FEB	03	04	28	25	28	31					27	39	27	43										
FEB	03	10	27	25	27	30	27	33																
FEB	03	17	28	31	26	48																		
FEB	03	22	27	31	25	33																		
FEB	04	04	27	20	25	22	24	36	25	32	25	31			25	45	25	45	25	55	25	61	25	47
FEB	04	09	27	23	25	30	24	32																
FEB	04	22	26	24	25	27																		
FEB	05	04	27	18	25	20																		
FEB	05	10	21	15	22	18	21	28																
FEB	05	17	22	10	23	12																		
FEB	05	22	22	05	24	36																		
FEB	06	04	26	18	25	20	25	22	25	30														
FEB	06	10	29	03	26	08																		
FEB	06	22	27	10	27	12																		
FEB	07	04	30	13	28	17	29	21																
FEB	07	10	22	05	25	07																		

Results of Upper Wind Observations,
MACQUARIE 1956

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	07	17	24	09	24	36																		
FEB	07	22	20	07	22	17	22	25	23	25	23	26	24	40										
FEB	08	05	25	20	24	20	23	28	24	30	25	30	24	35			25	43	25	45	25	40		
FEB	08	09	22	10	25	11	23	19	23	24			24	30										
FEB	08	23	20	13	21	09	21	22	21	21	22	23	23	43	23	70								
FEB	09	04	25	12			23	20	22	21	22	23	21	25										
FEB	09	09	23	05	23	05	22	14	22	15	22	24	23	41	25	77	23	94	23	13				
FEB	09	18	35	03	36	10	34	15	29	14	27	12	25	33	24	35	24	45	24	68	24	67	24	88
FEB	09	22	36	15	36	30																		
FEB	10	04	26	31	26	39																		
FEB	10	09	26	30	26	40																		
FEB	11	04	31	10	30	14	25	11	27	15	26	21												
FEB	11	07	34	08	33	12	30	11	29	12	29	14	30	20	29	33	29	39	29	47	28	43	28	48
FEB	11	23	27	13	25	22																		
FEB	12	05	31	28	30	32	30	41	31	47	31	45												
FEB	12	08	30	28	30	34	30	43	30	51	31	51	31	57	31	73								
FEB	12	18	27	27	26	32	26	36																
FEB	13	07	27	31	26	36																		
FEB	13	22	28	22	28	33																		
FEB	15	04	28	14	28	12	28	29	28	25	28	26	28	29	29	41	29	48	29	53	30	67	30	63
FEB	15	09	29	21	29	29																		
FEB	15	18	27	27	26	32																		
FEB	15	22	27	26	25	25																		
FEB	16	04	27	24	26	36	24	39	24	36	24	38												
FEB	16	22	28	19	27	22																		
FEB	17	09	32	19	30	33																		
FEB	17	18	32	22	32	31																		
FEB	17	22	32	24	32	33																		
FEB	18	18	23	06	22	06																		
FEB	19	04	27	17	26	18	23	19	22	20	21	22	22	17	23	24	23	40	23	37				
FEB	19	09	26	06	26	09																		
FEB	19	18	26	14	25	10																		
FEB	19	22	24	05	23	05																		
FEB	20	04	27	20	26	22					23	35	23	43										
FEB	20	08	26	24	25	23	22	25	21	34	23	40	23	32	22	47	22	68						
FEB	23	22	31	19	30	32																		
FEB	24	04	32	29	31	40																		
FEB	25	04	30	27	29	39																		
FEB	25	22	29	20	28	23																		
FEB	26	04	27	17	26	23	26	23	27	30														
FEB	26	10	27	14	27	21	25	16																
FEB	26	16	28	12	27	14	26	22	27	25														
FEB	27	04	26	23	26	33	26	36																
FEB	27	10	29	15	28	20	26	30																
FEB	27	22	30	22	28	26																		
FEB	28	04	26	20	26	24	24	30	25	30	25	35	23	40										
FEB	28	16	29	17	29	26																		
MAR	01	22	27	26	24	19																		
MAR	02	04	27	25	25	32	24	24																
MAR	02	10	27	20	25	27	24	37																
MAR	02	18	28	27	28	27																		
MAR	02	22	27	27	27	27																		
MAR	03	04	27	23	28	29																		
MAR	03	10	29	20	28	31																		
MAR	03	22	30	21	29	29																		
MAR	04	04	31	22	31	36																		
MAR	04	22	27	31	25	35																		
MAR	05	04	26	29	26	45	25	38																
MAR	05	16	27	23	26	26																		
MAR	05	21	27	19	27	25																		
MAR	06	05	18	06	21	16	22	24	22	23	23	26	22	28										
MAR	06	10	18	01	22	03																		
MAR	06	22	31	07	33	09	32	11	31	16	28	07	26	08	25	37								
MAR	07	04	36	08	03	18	01	22	36	24	35	21												
MAR	08	10	26	25	27	34																		
MAR	09	04	31	20	31	30	29	35	30	39	30	42	31	53	31	74								
MAR	09	11	31	21	31	30																		
MAR	09	22	32	15	30	19	29	24																
MAR	10	04	30	20	30	24	28	30																
MAR	10	10	27	25	28	21	28	33	27	28														
MAR	10	16	27	27	27	30																		
MAR	10	22	27	25	27	30																		
MAR	11	04	26	33	26	43	25	52	26	50	26	51	25	64	26	69								
MAR	11	09	27	24	26	28	25	30																
MAR	11	16	26	21	26	21																		
MAR	11	23	27	19	26	22	25	30	25	25	26	21	26	27	27	48	28	71						
MAR	12	04	27	22	27	26	27	32	27	30	28	30												
MAR	12	10	26	25	23	18																		

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
MAY	12	18	22	11	22	16																		
MAY	12	22	22	05	22	06																		
MAY	13	04	26	18	26	25	25	37	25	34														
MAY	13	08	27	16	25	28	25	29	24	28	24	33	23	40	23	55	23	76						
MAY	13	16	27	03	25	10	25	20	25	23														
MAY	13	21	31	15	30	18																		
MAY	14	04	31	15	29	22																		
MAY	14	08	30	15	31	26	30	31	32	21	31	27												
MAY	15	04	31	21	31	36	32	41																
MAY	15	16	23	13	21	11																		
MAY	15	22	22	13	22	08																		
MAY	16	04	27	09	27	16																		
MAY	16	10	31	14	31	18																		
MAY	16	16	32	20	34	29																		
MAY	16	22	36	26	36	29																		
MAY	17	04	31	26	31	33	30	45																
MAY	17	10	28	22	27	41																		
MAY	17	17	27	27	26	36																		
MAY	17	22	29	24	28	34																		
MAY	18	04	28	17	27	32	26	42	26	41	27	43												
MAY	18	22	24	18	24	21																		
MAY	19	04	18	18	21	28	22	43																
MAY	19	10	18	18	21	30																		
MAY	19	16	27	18	27	19	25	32	24	35														
MAY	20	16	29	20	28	22																		
MAY	20	22	28	22	28	30																		
MAY	22	22	33	20	31	26																		
MAY	23	18	22	06	23	13																		
MAY	23	22	20	05	22	12																		
MAY	24	04	28	10	27	12	24	14																
MAY	24	10	32	09	30	15	29	22	28	16	26	18												
MAY	24	22	32	20	29	27	28	33	29	35														
MAY	25	04	29	26	28	32																		
MAY	25	10	27	25	26	43	26	40																
MAY	25	18	29	14	27	27																		
MAY	25	22	26	21	25	25																		
MAY	26	04	23	18	24	30																		
MAY	26	10	24	16	25	20																		
MAY	26	16	28	20	27	24																		
MAY	26	23	28	34	27	35	27	52																
MAY	27	05	27	35	27	42	26	63																
MAY	27	08	27	37	26	45																		
MAY	27	16	23	18	23	26																		
MAY	27	22	26	12	24	13	23	29																
MAY	28	16	29	19	29	23																		
MAY	28	22	29	34	29	40																		
MAY	29	05	27	35	26	43																		
MAY	30	04	29	27	28	40	27	54																
MAY	30	10	30	29	30	34																		
MAY	30	22	29	12	29	15																		
JUN	01	10	28	21	27	30	27	50																
JUN	01	22	27	28	26	36	26	42																
JUN	02	04	28	18	27	30	27	34																
JUN	02	10	31	20	31	24																		
JUN	02	15	32	26	32	30	29	42	30	47														
JUN	02	23	31	28	32	37	31	60	30	56	30	49	31	51										
JUN	03	05	32	26	33	40	31	50	31	54														
JUN	04	04	32	12	29	24	28	30	28	32	29	42	29	51	29	61	30	81	30	90				
JUN	04	10	31	14	30	18	29	21	28	26	27	33												
JUN	04	15	32	12	31	15	30	19	29	28														
JUN	04	22	34	20	33	24																		
JUN	05	04	33	26	33	35																		
JUN	05	10	32	15	29	21	29	30																
JUN	05	16	29	07	27	18	26	21	28	22	29	25												
JUN	05	22	26	04	25	09	26	11	26	15	28	22	28	31										
JUN	06	04	30	10	30	18	29	18	29	18	28	20	27	24	28	40	27	48	25	45	27	55	29	63
JUN	06	09	31	17	31	19	29	29	28	31														
JUN	06	15	32	22	31	25	29	40	30	42	29	47												
JUN	06	23	32	19	30	23	30	32	30	29	30	31	30	45	29	45	29	52	29	52	29	51	28	53
JUN	07	04	30	16	30	29	29	29	29	29	29	32	29	33	29	40	29	44	29	45	29	40	29	40
JUN	07	10	31	16	29	22	28	21	27	26	27	23												
JUN	08	15	13	14	13	17																		
JUN	08	22	13	17	13	20																		
JUN	09	04	12	16	11	20	11	18																
JUN	09	10	11	18	11	18																		
JUN	09	16	10	15	08	12																		
JUN	09	22	09	12	08	17																		
JUN	10	04	03	03	04	12																		

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
APR	10	09	36	05	36	10																		
APR	10	16	34	05	36	09																		
APR	13	23	00	00	02	06	02	16																
APR	14	16	00	00	34	03	36	03	36	03														
APR	14	22	00	00	06	04																		
APR	15	04	16	06	12	08	03	06	03	08	04	09	28	12	28	12	27	13	26	15	26	28		
APR	18	17	34	17	34	23	33	28																
APR	18	22	36	15	35	23	34	30																
APR	19	10	34	07	35	18																		
APR	19	23	31	22	29	28																		
APR	20	04	29	23	27	26	28	42	28	30	27	35	27	30										
APR	20	10	27	21	27	20																		
APR	20	23	31	23	30	21	31	25	32	30														
APR	21	04	33	30	32	35	33	40																
APR	21	10	29	21	27	35																		
APR	21	16	31	18	30	17																		
APR	21	22	29	21	29	31	28	34	28	39	28	43	28	39	28	41	28	40						
APR	22	04	31	31	30	28	29	37	29	45	29	43	29	48	29	42	29	48	29	54	29	65	30	52
APR	22	10	31	28	29	30	29	39																
APR	22	22	31	28	31	29	30	33	29	37	29	39	29	40	29	50	29	63	29	70				
APR	23	04	30	13	29	19	28	25	29	31	29	36	29	45	29	53	29	64	29	81	29	95	30	70
APR	23	10	36	03	36	09	34	18	32	18	32	18												
APR	23	18	33	15	31	22	30	36																
APR	24	04	28	31	28	31	27	46	27	50	29	55												
APR	24	10	30	28	29	21	29	45																
APR	24	22	32	37	32	35																		
APR	25	11	32	03	31	08																		
APR	25	22	30	25	26	30																		
APR	26	04	30	29	30	33	30	40	29	38	29	47	29	53	29	59	30	99	31	20				
APR	26	10	28	23	27	28	27	35	27	36														
APR	26	23	00	00	28	06	27	06	27	09	27	12	26	22	27	25	27	40	28	42	30	62	31	86
APR	27	04	00	00	06	04	07	03	09	02			27	07	28	17	28	32	27	40	30	55	31	68
APR	27	10	10	08	09	19	08	15	07	15														
APR	27	16	11	17	09	19	07	26	06	17														
APR	27	22	11	10	09	16	05	15	01	13														
APR	28	04	36	03	04	14	02	20	35	18	32	21	33	24	33	32	32	36	28	42	27	48	29	50
APR	28	10	01	18	36	20	36	33	33	35	31	35												
APR	28	22	32	18	31	24	29	28	29	37	30	40	30	51	31	51	31	66	31	08				
APR	29	04	33	25	32	27	31	30																
APR	29	10	31	27	31	32	30	37																
APR	29	17	31	27	29	30	28	44																
APR	29	23	31	28	28	26	28	31	28	43	28	48	28	42	28	45	28	61						
APR	30	04	31	29	29	33	28	37																
MAY	01	10	31	18	29	26	29	23																
MAY	01	18	31	15	29	25																		
MAY	01	22	31	13	29	20	28	25																
MAY	02	04	33	08	31	24	31	20																
MAY	03	23	18	10	22	11	21	24	24	18	23	23	25	25	28	32	30	51	31	79	32	99	32	25
MAY	04	05	28	08	26	15	24	21	21	24	21	31	25	34	27	38	28	50	29	54	31	96		
MAY	04	10	31	07	30	13	28	18	25	11	26	22												
MAY	04	17	33	15	32	18	30	25																
MAY	04	22	33	13	32	18																		
MAY	05	23	27	21	26	22	24	25	26	31	27	34	27	68	27	69	27	69						
MAY	06	04	27	26	25	24	24	28	24	30	24	38	24	60	25	73								
MAY	06	10	24	08	22	11																		
MAY	06	16	19	12	20	10	21	28																
MAY	06	22	28	08	23	07																		
MAY	07	04	28	23	26	25																		
MAY	07	10	28	30	28	36																		
MAY	10	04	00	00	29	08																		
MAY	10	10	33	10	33	10	33	12																
MAY	10	23	27	20	27	23	27	21	29	12	29	13	32	21	33	32	34	37						
MAY	11	04	27	18	25	18	25	22	26	24	26	25	27	24										
MAY	11	09	27	24	27	25																		
MAY	11	15	27	23	27	24																		
MAY	11	23	27	06	25	09	24	14	24	16														
MAY	12	04	18	12	19	15	20	20																
MAY	12	10	19	07	21	08																		
MAY	12	16	27	18	27	17																		
MAY	12	22	29	10	28	13	27	16																
MAY	13	04	28	01	30	09																		
MAY	13	10	16	09	16	13	18	13																
MAY	13	16	21	13	21	18	21	25																
MAY	13	22	20	18	20	20	21	26																
MAY	14	04	21	07	21	13	22	40																
MAY	14	10	20	17	20	20	21	27																
MAY	14	16	27	21	25	24	25	30	25	25														
MAY	14	22	28	22	27	28																		

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
MAY	15	04	29	25	27	36	27	44																
MAY	15	09	27	24	27	28																		
MAY	15	16	29	22	27	32																		
MAY	15	22	30	18	28	25	26	27	27	31														
MAY	16	04	30	20	29	28	29	25																
MAY	16	10	33	17	31	21	29	22	29	24														
MAY	16	16	34	18	32	22	31	25	30	21														
MAY	16	22	33	13	34	22	33	23																
MAY	17	05	35	15	35	25	33	30	33	26	32	27	31	36										
MAY	17	10	34	18	34	22																		
MAY	17	16	34	18	34	27																		
MAY	17	22	34	18	35	26																		
MAY	18	04	34	14	34	28																		
MAY	18	10	34	17	35	28	32	32																
MAY	18	16	34	17	35	24																		
MAY	18	22	34	16	34	25																		
MAY	19	04	34	19	34	32																		
MAY	19	16	22	07	21	09	20	15	23	15														
MAY	19	22	19	07	19	08																		
MAY	20	04	22	31	25	06																		
MAY	20	10	31	10	30	10	30	28																
MAY	20	16	32	24	32	25																		
MAY	20	22	33	27	33	37	33	52																
MAY	21	15	29	23	29	26																		
MAY	22	22	27	23	26	31	26	30	26	35	26	42	27	55										
MAY	23	04	27	26	26	35	25	38	25	38	25	38	25	45	24	75	26	80						
MAY	23	10	27	26	25	31	25	22	25	23														
MAY	23	16	29	17	29	18	27	20																
MAY	23	22	31	22	31	22																		
MAY	24	04	32	27	31	37																		
MAY	24	23	24	05	24	08	26	17																
MAY	25	04	20	03	21	07	23	12																
MAY	25	11	22	02	21	05	14	01																
MAY	25	23	08	03	06	07	01	06	32	13	32	14	30	26	31	28								
MAY	26	04	11	07	09	08																		
MAY	26	10	11	13	09	14																		
MAY	27	18	23	23	23	18																		
MAY	27	22	27	28	25	38																		
MAY	28	04	27	27	27	28	26	35	26	35	25	35	25	37	25	40	25	43	24	42				
MAY	28	10	31	32	30	30																		
MAY	28	16	31	30	31	34																		
MAY	29	04	31	26	30	35																		
MAY	29	09	30	25	31	23	31	34																
MAY	29	16	29	18	30	17																		
MAY	29	22	34	13	34	21																		
MAY	30	04	33	25	32	36	30	47																
MAY	30	10	33	26	31	31																		
MAY	30	16	33	26	31	27																		
MAY	30	23	33	25	33	25																		
MAY	31	04	34	21	32	30	31	34																
MAY	31	22	18	18	18	19	21	18																
JUN	01	04	18	04	19	07									23	26	19	42	21	30	26	25	28	25
JUN	01	10	24	02	27	07	25	10	25	13	23	15												
JUN	01	16	31	19	30	18	29	22																
JUN	01	22	31	20	31	23																		
JUN	03	18	29	19	29	21																		
JUN	03	23	23	05	23	18																		
JUN	04	04	23	08	23	17	26	27	25	29	25	29	24	30	23	28	22	28	22	33	21	44	22	38
JUN	04	10	27	13	26	15	27	19																
JUN	04	16	30	13	29	16																		
JUN	05	10	31	23	30	28																		
JUN	05	16	31	30	30	35	28	46																
JUN	05	22	28	27	27	35	28	45																
JUN	06	04	28	28	27	33																		
JUN	06	10	29	24	29	27																		
JUN	06	23	30	30	28	32																		
JUN	07	04	28	19	27	27																		
JUN	07	10	27	25	26	33																		
JUN	07	16	28	20	26	31	25	34																
JUN	07	22	23	15	24	15	23	38	24	40														
JUN	08	04	21	15	23	20	22	38	22	38	23	40	22	50										
JUN	08	10	27	21	25	37	25	47																
JUN	08	16	30	32	29	38																		
JUN	08	22	29	24	27	35																		
JUN	09	04	29	31	27	49																		
JUN	09	09	29	26	29	29																		
JUN	09	23	29	23	29	30	28	32	28	30	28	32	29	43	28	43	28	45	28	45	28	44	30	30
JUN	10	04	31	28	29	42																		

Results of Upper Wind Observations,
MACQUARIE 1956

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
MN	10	22	33	27	32	31	32	35	32	34	31	34	30	41	31	37	31	42	30	52	30	60	29	67
MN	11	04	33	12	33	25																		
MN	11	10	34	06	34	09																		
MN	13	23	32	13	32	23																		
MN	14	05	25	23	26	30	27	41																
MN	14	10	30	21	28	26	27	39																
MN	14	16	32	18	31	27	29	38																
MN	14	22	34	20	35	25																		
MN	15	05	32	17	31	23																		
MN	15	10	32	21	32	20	29	34																
MN	15	23	29	22	27	25																		
MN	16	04	36	23	36	23																		
MN	16	16	33	18	32	24																		
MN	16	22	33	09	32	14	31	19	32	17														
MN	17	04	33	01	31	10	32	15	32	16	31	20	31	23										
MN	17	10	32	06	31	07																		
MN	18	05	28	12	27	18																		
MN	18	10	30	07	29	11																		
MN	18	16	27	10	23	13																		
MN	18	22	27	23	25	34	20	12					13	10	13	09	08	07	06	14				
MN	19	04	00	00	14	05	12	02	06	09	09	11	19	08	19	12	20	12	11	07	08	10	21	11
MN	19	10	00	00			17	18	17	14	16	15	14	12										
MN	19	23	18	30	17	25																		
MN	20	04	18	30	17	27																		
MN	20	10	18	21	18	21																		
MN	20	18	18	13	18	18																		
MN	20	22	19	12	20	12	19	16																
MN	21	04	19	10	19	13	19	16	20	15														
MN	21	10	18	07	19	10	20	13	19	15	21	13	21	12										
MN	21	16	27	10	25	12	25	15																
MN	21	22	29	21	28	27	28	32	27	40														
MN	22	04	27	20	26	33	25	35																
MN	22	22	32	24	32	26																		
MN	23	04	28	25	27	46	26	47																
MN	23	10	28	33	26	35	26	48																
MN	23	22	32	32	31	32																		
MN	24	04	30	42	28	50	27	64	27	74	27	70												
MN	24	10	28	42	26	34																		
MN	24	16	28	28	26	27	26	50																
MN	24	22	34	10	33	16																		
MN	25	04	31	32	29	39																		
MN	25	10	31	22	28	31																		
MN	25	16	31	23	28	23																		
MN	25	22	27	25	26	23	25	31																
MN	26	04	28	25	25	36	24	39																
MN	26	09	28	14	28	15																		
MN	26	18	29	14	29	19																		
MN	26	22	33	15	33	13	34	14																
MN	29	22	20	08	20	13	20	15																
MN	29	23	22	12	22	15	21	19	21	17	22	17	25	14	27	14	33	30	33	42	34	52	34	52
MN	30	04	25	16	24	23	22	23	22	22	23	21												
MN	30	10	26	10	24	12	25	19																
MN	30	16	27	12	26	17	26	10																
MN	30	22	32	18	33	18	32	28	31	26														
JL	01	04	34	26	35	28																		
JL	01	10	27	17	27	18	28	14																
JL	01	16	27	24	26	31	25	28																
JL	01	23	27	22	25	16	25	28																
JL	02	04	29	04	27	09	24	25																
JL	02	10	25	08	26	14	27	19																
JL	02	16	29	18	29	16																		
JL	02	22	27	16	26	19	26	22																
JL	03	04	31	18	30	24	30	24																
JL	03	10	33	28	33	26																		
JL	03	16	27	17	24	17	23	23	26	26														
JL	03	23	21	16	22	23	22	23	21	23	23	23	23	32	24	30	26	30						
JL	04	04	22	07	24	20	24	28	24	30	24	36	24	35	22	45	20	78						
JL	04	10	30	11	29	16	28	23	28	33	28	35												
JL	04	23	30	34	27	37																		
JL	05	10	25	18	26	25																		
JL	05	15	29	12	28	26																		
JL	05	22	30	24	27	32																		
JL	06	04	29	29	28	40	25	55	26	52														
JL	06	10	29	24	27	29																		
JL	06	16	31	31	29	29																		
JL	06	22	31	30	30	35	28	49																
JL	07	04	32	21	31	34	30	45																
JL	07	23	19	20	18	24																		

Results of Upper Wind Observations,
MACQUARIE 1956

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
JL	08	04	20	12	21	11	22	21																
JL	08	10	28	21	27	20	26	28	26	34														
JL	08	18	29	28	28	31	27	36																
JL	08	22	28	31	27	31	26	35																
JL	09	04	29	28	28	34	28	36	27	35	27	36	26	42	26	45	25	45						
JL	09	22	29	25	26	31	25	42																
JL	10	04	29	08	26	08	25	18	27	20														
JL	10	10	00	00	22	07	21	10	22	10														
JL	10	16	27	14	24	13	24	24																
JL	10	22	28	21	25	32	24	21																
JL	11	04	28	26	27	29					25	25												
JL	11	10	28	18	27	17	27	28	27	27														
JL	11	16	30	18	28	20																		
JL	11	23	31	26	30	24	29	25	29	22	28	22	27	25	27	22	24	08	20	16	18	20	21	26
JL	12	04	31	26	30	28	30	34	30	30	30	27	28	30	27	25	26	18	21	05	22	14	20	28
JL	12	10	32	29	31	23																		
JL	12	16	28	23	27	23																		
JL	12	22	28	18	25	22	24	27	23	42														
JL	13	04	26	12	24	15	23	28	23	34														
JL	13	10	27	19	27	21	27	20																
JL	13	16	31	30	29	34																		
JL	13	22	30	25	28	32																		
JL	14	04	30	25	29	28																		
JL	14	10	30	18	26	21	26	23	27	27														
JL	14	16	21	03	18	08	21	13	24	22	25	26												
JL	14	22	29	12	25	10	23	12																
JL	15	04	27	07	25	11	24	19																
JL	15	10	28	16	26	14																		
JL	15	16	30	25	28	31	27	46																
JL	15	22	30	23	28	20																		
JL	16	04	29	18	27	27																		
JL	16	10	28	20	26	22																		
JL	16	16	28	14	27	20																		
JL	16	23	27	02	24	04																		
JL	17	04	32	04	29	05	07	02																
JL	17	10	00	00	09	05	05	09																
JL	17	16	02	03	01	05	02	15																
JL	17	22	11	03	08	10																		
JL	18	04	01	03	02	15																		
JL	18	09	36	05	01	05																		
JL	18	16	00	00	35	06																		
JL	19	05	36	18	02	25																		
JL	20	04	00	00	28	08																		
JL	20	10	00	00	24	02	23	07	25	09	29	10												
JL	20	16	00	00	13	03	21	06	24	08														
JL	20	22	16	10	09	04	33	03	33	05	01	07	36	07	02	08	02	10	02	12	33	13	29	24
JL	21	22	00	00	33	08	35	09	34	03	36	07												
JL	22	04	28	10	28	17	28	13	26	06	25	06	21	06										
JL	22	10	00	00	18	06	23	10																
JL	22	22	16	13	13	14																		
JL	23	04	11	05	12	08																		
JL	23	11	13	05	14	08	31	02	28	04	26	11	25	08										
JL	23	16	00	00	19	06																		
JL	23	22	17	10	16	18																		
JL	24	04	18	15	16	23	15	16	18	14	17	17	15	25	21	13	21	14	21	14	24	18	26	18
JL	24	10	17	13	19	17																		
JL	24	16	18	09	18	12																		
JL	24	22	00	00	18	07	19	14	21	10	20	14	21	14	20	10	18	11	17	10	17	15	24	11
JL	25	04	22	07	22	19	22	16	20	12	19	16	18	15	20	13								
JL	25	10	18	05	20	10	22	21	23	18	23	15	23	18										
JL	25	16	18	03	19	09	20	14	21	22	22	23												
JL	25	22	18	03	19	08	21	12																
JL	26	04	19	05	20	07																		
JL	26	10	28	12	28	15																		
JL	26	16	27	15	28	17																		
JL	26	23	28	07	26	09	26	19	26	14														
JL	27	04	30	05	31	08											29	16	29	16	27	35	27	39
JL	27	10	35	07	33	06	30	17																
JL	27	16	36	13	34	14	31	15	29	18														
JL	27	22	01	20	35	26																		
JL	28	10	30	26	30	27																		
JL	28	15	30	21	29	22																		
JL	28	22	29	12	26	14																		
JL	29	04	27	03	26	05																		
JL	29	09	01	03	34	09	34	13																
JL	30	10	31	23	28	26	29	29	30	26	29	30												
JL	30	16	31	20	30	21	29	32	30	34														
JL	30	22	32	21	31	21	31	22	31	23	30	23	31	26	31	38	32	45	32	54				
JL	31	04	30	23	29	21	31	23	31	28	31	29												
JL	31	10	32	21	30	19	30	23	30	29	31	26												
JL	31	16	27	21	27	30	25	26																
JL	31	22	28	20	25	13	21	35	20	35														

Results of Upper Wind Observations,
MACQUARIE 1956

MONTH	DAY	HOUR	SURFACE		1000 FEET		3000 FEET		5000 FEET		7000 FEET		10,000 FEET		15,000 FEET		20,000 FEET		25,000 FEET		30,000 FEET		35,000 FEET	
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt
AUG	01	04	23	15	24	23																		
AUG	01	10	25	16	27	22																		
AUG	01	15	26	12	26	17																		
AUG	02	18	31	18	29	20	29	14																
AUG	02	22	33	23	32	25	30	32																
AUG	03	04	28	27	26	42	25	36	26	38	26	38	25	38	24	54	24	82	24	83				
AUG	03	10	28	25	28	29	26	43																
AUG	03	16	28	28	29	32																		
AUG	03	23	28	20	26	22	25	31																
AUG	04	04	29	10	28	16																		
AUG	04	07	31	09	30	09																		
AUG	04	22	31	12	31	12																		
AUG	05	18	31	12	30	16																		
AUG	05	22	32	15	30	20																		
AUG	06	04	34	14	31	18	29	16	27	16	28	16	27	19	24	16								
AUG	07	22	35	23	33	25																		
AUG	08	04	34	22	33	31																		
AUG	08	10	35	26	34	34	31	33																
AUG	08	16	35	23	34	30	33	36	32	26	31	30												
AUG	08	22	35	27	35	32																		
AUG	09	22	19	17	18	15	18	28	19	16	23	15												
AUG	10	04	19	16	19	21	19	24																
AUG	10	10	19	11	19	11																		
AUG	10	16	22	10	22	06																		
AUG	10	22	29	24	26	31																		
AUG	11	04	29	26	27	25																		
AUG	11	10	29	27	27	25																		
AUG	11	16	30	23	29	21																		
AUG	11	23	31	23	31	22	30	25	31	25	32	31	31	25	32	30	32	33	31	33	31	35	31	40
AUG	12	04	34	21	33	30	32	29																
AUG	12	10	35	25	35	27																		
AUG	12	16	35	21	35	22																		
AUG	12	23	35	17	34	24																		
AUG	13	04	01	18	36	30	35	30																
AUG	13	10	01	26	36	31																		
AUG	13	22	34	23	31	27	30	29	31	30	32	38	32	38										
AUG	14	04	33	28	32	37	31	50	31	30	31	45	31	38	31	46	32	56	33	58	33	64		
AUG	14	23	31	37	29	50																		
AUG	15	04	32	30	30	26																		
AUG	15	11	31	25	30	29																		
AUG	15	22	32	22	29	22	28	32	28	30														
AUG	16	04	31	22	29	28	28	31	27	36	27	50	27	59	26	70								
AUG	17	22	32	31	30	36	29	47	27	53	27	64	28	70	28	80								
AUG	18	04	33	22	33	34																		
AUG	18	09	33	27	34	30																		
AUG	18	16	34	23	34	26	33	32																
AUG	18	23	34	15	34	16																		
AUG	19	10	32	25	31	27																		
AUG	19	16	32	26	31	26																		
AUG	19	22	32	33	31	36	30	41	29	46														
AUG	20	10	28	21	29	25																		
AUG	20	16	30	20	30	20																		
AUG	20	22	33	33	33	41																		
AUG	21	05	33	33	33	32																		
AUG	21	10	32	22	32	24																		
AUG	21	16	32	18	31	23																		
AUG	21	22	00	00	04	08	35	07	28	15														
AUG	22	11	33	38	32	37																		
AUG	22	16	33	15	31	20	30	24	31	30	32	30												
AUG	22	22	09	06	06	12	04	14	33	15	34	20	34	39										
AUG	23	04	11	11	09	13																		
AUG	24	04	19	15	20	18																		
AUG	24	10	18	10	18	13	19	09																
AUG	24	16	16	12	17	12	21	09	27	12														
AUG	24	22	17	05	15	05	24	05	28	07	28	12	29	17	30	16	31	23	31	19	31	17	25	24
AUG	25	04	17	05	18	06	15	08	18	06	24	06	24	08			33	26	34	30				
AUG	25	09	16	18	15	15	15	16	16	12														
AUG	25	14	14	08	13	08	14	08	17	14	17	20												
AUG	25	22	35	08	35	10	35	09	27	08	24	10	26	14	22	32	21	36	21	36	21	34	24	27
AUG	26	04	35	14	34	16	33	15	32	07	29	11	24	22	21	12	25	10	25	09	25	17	23	35
AUG	26	10	35	11	33	22	31	25	30	18														
AUG	26	15	34	15	35	26	34	32																
AUG	26	22	23	04	24	09	24	11																
AUG	27	05	28	03	27	06	27	08	27	08	26	12	23	12	23	18	21	15	21	22	20	24	24	30
AUG	27	10	29	02	29	06	30	06	29	08	26	09												
AUG	27	16	34	17	33	16																		
AUG	27	23	33	21	31	22																		
AUG	28	04	28	28	25	25	25	31	26	34	26	45	28	45										
AUG	28	10	28	15	27	18	27	20	27	16	26	28												
AUG	28	16	29	15	28	22																		
AUG	28	22	33	31	34	30																		
AUG	29	04	32	27	31	34																		
AUG	29	10	32	28	31	35																		
AUG	29	16	33	18	31	28	30	43	30	43														
AUG	29	22	35	35	35	37																		
AUG	30	04	32	35	32	34	31	56																
AUG	30	22	34	17	35	20	32	29	31	31	31	32												
AUG	31	02	34	18	33	15	31	24	30	32	30	34	30	34	29	43	29	55	31	63	31	65	31	68
AUG	31	10	30	27	29	20	28	26	27	36														
AUG	31	16	32	17	30	15	30	27	30	29	30	39												

Results of Upper Wind Observations,
MACQUARIE 1956

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
FP	01	10	30	21	30	29																		
FP	01	06	33	32	31	35	30	51																
FP	02	11	22	13	19	11																		
FP	02	17	29	08	29	08																		
FP	02	22	01	10	36	13	36	16	35	15	35	17												
FP	03	04	35	16	01	18	35	22																
FP	03	10	33	12	31	19	29	21																
FP	03	16	29	20	28	23																		
FP	04	04	31	23	29	32																		
FP	04	22	28	23	28	25	28	33																
FP	05	02	31	28	30	28	29	26	29	25	28	30	27	45										
FP	05	18	18	05	18	12																		
FP	05	22	23	04	24	06	34	10	25	13	26	23	26	39										
FP	06	04	23	05	22	07	23	12																
FP	06	09	28	14	24	10	24	20	24	21														
FP	06	16	30	17	28	22	26	18																
FP	06	22	30	25	28	28	27	25																
FP	07	04	30	24	27	29	26	34																
FP	07	10	29	23	27	24																		
FP	07	16	29	21	27	31																		
FP	07	22	30	27	30	33																		
FP	08	04	31	28	29	39	27	44	28	40	28	34	27	42	28	47	27	42	27	48				
FP	08	10	31	27	28	30																		
FP	09	04	31	37	29	49																		
FP	09	10	28	35	25	29																		
FP	09	23	29	08	25	05	24	20	24	21	23	27	24	26	24	55								
FP	10	04	29	12	27	20	25	29	27	29	27	24	22	34	25	41	26	51	26	70	27	88	27	99
FP	10	10	34	18	34	21																		
FP	10	23	31	20	29	21																		
FP	11	04	28	13	26	14	25	21	27	22	28	32	30	39	33	67	33	95	32	21	32	15		
FP	11	10	26	11			26	20	27	22	28	20												
FP	11	16	27	07	26	15																		
FP	11	22	27	10	24	07																		
FP	12	04	27	18	26	24	26	24																
FP	12	11	21	15	21	18	22	18	23	22														
FP	12	16	27	19	23	21	24	26																
FP	13	04	21	10	23	24	21	32																
FP	13	10	20	18	21	20	22	21																
FP	13	16	27	18	24	17																		
FP	13	22	30	22	29	25																		
FP	14	04	28	30	27	38																		
FP	14	23	30	26	29	30	28	32	27	28	27	33	27	35										
FP	15	05	31	28	30	34	27	41																
FP	15	10	32	27	30	31																		
FP	15	23	32	15	29	25																		
FP	16	04	30	20	28	29																		
FP	16	10	28	25	25	29	25	25																
FP	16	16	28	24	27	22																		
FP	16	22	30	28	29	27																		
FP	17	04	31	28	30	36	29	46	30	52														
FP	17	10	32	29	32	30																		
FP	17	17	27	21	25	29	25	31	25	31	26	47												
FP	17	22	27	30	25	36																		
FP	18	04	25	18	24	19	24	33	25	37														
FP	18	10	25	05	23	10	23	17																
FP	18	16	28	10	27	11	27	09	27	11	25	16												
FP	18	22	36	07	01	10	32	15																
FP	19	02	36	07	03	11	34	16	32	14	30	20	30	20	29	25	29	32	28	40	27	62	29	41
FP	20	04	33	28	31	38	31	40	31	47	31	53	32	63	31	74								
FP	20	10	33	23	32	25	31	33																
FP	20	16	33	23	32	25																		
FP	20	22	34	18	31	22	30	27	31	36	31	38	31	38	29	32								
FP	21	04	35	10	34	18	35	18	34	22	33	23	34	22	31	45								
FP	21	10	00	00	03	09	06	09																
FP	21	16	00	00	04	07																		
FP	21	23	01	18	35	21																		
FP	22	04	33	17	32	32	31	35	31	31	32	34	32	36	34	39	34	60	34	79	34	81		
FP	22	10	35	17	34	25	33	33																
FP	22	16	33	28	33	30	32	39	32	50														
FP	22	22	27	18	26	23	26	18	28	24	30	24												
FP	23	04	28	18	27	25	27	25	28	22	28	24	29	27	21	25	20	30						
FP	23	10	31	23	30	21	29	25																
FP	24	04	27	22	25	28	25	36	26	36	27	46	27	55	27	62								
FP	24	09	27	14	25	16	26	19																
FP	24	16	28	18	28	17	28	21																
FP	24	22	33	04	32	06	30	13	28	19	29	21												
FP	25	04	35	12	35	17	32	18	28	14	27	17												
FP	28	22	16	14	17	15	18	12	20	18														
FP	29	04	17	12	17	15	17	15	18	13	18	16	18	15	21	10	22	08	20	07	02	03	22	19
FP	29	10	18	14	17	18	16	16	17	15	19	12	19	13										
FP	29	16	17	17	16	16	15	10	15	16	17	12	20	11										
FP	29	22	17	12	16	11	14	12	13	15	14	14	17	03	16	07	14	15	17	10	20	14	18	22
FP	30	04	14	08	14	09	12	10	13	12	21	05	23	05	10	03	07	02	16	03	18	12	16	12
FP	30	10	14	04	12	06	08	07	14	07	21	03	30	03										
FP	30	16	00	00	01	06																		
FP	30	22	35	07	35	07																		

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
OCT	01	04	35	07	34	15																		
OCT	01	08	31	10	32	12	34	15																
OCT	01	16	35	10	33	13																		
OCT	01	22	33	06	33	12																		
OCT	02	04	34	10	33	14	31	13																
OCT	02	10	34	12	33	17																		
OCT	02	18	31	12	30	18	29	21	29	18	28	16	29	24	30	28	31	31	30	27	31	34	30	41
OCT	02	22	33	20	32	23																		
OCT	03	04	25	12	23	19	23	25	26	23	27	25												
OCT	03	10	27	14	25	10	24	21																
OCT	03	16	27	15	24	10	24	21																
OCT	03	22	28	22	28	20																		
OCT	04	04	27	28	26	42	25	38	25	36	24	35												
OCT	04	10	27	17	28	19																		
OCT	04	22	27	28	25	34																		
OCT	05	05	28	21	25	20	24	30																
OCT	05	10	28	15	25	09	24	20																
OCT	05	16	29	25	28	27																		
OCT	05	22	29	26	28	36																		
OCT	06	04	29	27	29	39							28	50	29	59	28	63	28	68	28	72	28	61
OCT	06	10	31	26	29	28																		
OCT	06	18	21	05	22	12	23	30																
OCT	06	22	23	10	22	11	23	25	23	27	23	30	25	33	25	33	24	35	25	39	26	43	27	43
OCT	07	04	20	07	21	13																		
OCT	07	10	22	05	23	07	25	21																
OCT	07	16	28	12	27	18	26	21	27	18	25	24												
OCT	07	22	31	18	29	22	27	30	26	23	25	30	25	38	24	44	24	55	25	63	25	73		
OCT	08	04	30	34	30	40	29	47	29	50	28	47	27	40	27	42	27	55	27	75	27	77	26	61
OCT	08	10	32	30	32	31																		
OCT	08	23	28	23	27	31	26	44	27	43	27	45												
OCT	09	04	27	29	26	35	26	35																
OCT	09	10	27	22	27	15	26	23	25	42														
OCT	09	22	31	22	29	29																		
OCT	10	04	32	18	31	27	30	26	32	25	32	28												
OCT	10	09	34	17	33	23	32	32																
OCT	12	04	31	28	30	30	31	42																
OCT	12	10	30	28	28	33																		
OCT	12	22	28	30	26	24	25	27																
OCT	13	04	14	05	12	06	25	03																
OCT	13	10	20	10	17	18	19	17	20	20														
OCT	13	16	28	05	27	11	25	17																
OCT	13	22	31	18	30	18	30	30	28	26	27	25												
OCT	14	04	32	31	32	37																		
OCT	15	04	32	20	29	29																		
OCT	15	10	31	24	30	30																		
OCT	15	18	31	24	31	27																		
OCT	15	22	31	24	31	26	29	34																
OCT	16	04	32	16	29	25	28	26																
OCT	16	10	27	13	26	16	27	22	28	25	29	31												
OCT	16	16	27	21	26	32	25	28	26	28	27	33												
OCT	16	22	27	17	25	16	26	17																
OCT	17	05	27	23	27	32	27	27																
OCT	17	10	28	20	27	23																		
OCT	17	16	28	16	28	20																		
OCT	17	22	28	13	28	21	26	15																
OCT	18	04	28	10	27	17	27	12	27	15	27	21												
OCT	18	10	27	10	26	09																		
OCT	18	22	31	18	31	21																		
OCT	19	04	31	18	29	21																		
OCT	19	10	31	14	29	18																		
OCT	19	16	27	20	25	37	23	22	24	22														
OCT	19	23	27	15	25	13	24	29	25	24	26	27	27	35	27	44	26	51						
OCT	20	04	28	26	24	22	24	26	25	24	25	25												
OCT	20	10	27	12	26	15	26	14	25	13	26	25												
OCT	20	16	33	26	34	21	33	35																
OCT	21	18	29	22	28	22																		
OCT	21	22	27	10	28	10																		
OCT	22	10	01	18	35	27																		
OCT	22	16	36	13	35	21																		
OCT	22	22	35	12	34	25	33	28																
OCT	23	04	35	15	35	30																		
OCT	23	18	31	27	30	27	30	28																
OCT	23	22	34	10	35	14	34	21	34	26	32	30	32	43	34	50	34	70	35	87				
OCT	24	04	30	22	31	21	30	29	31	30	31	32												
OCT	24	10	31	14	31	20	30	24																
OCT	24	16	30	15	28	21	27	27	26	26	27	26												
OCT	24	22	29	18	28	20	27	27	27	30	27	32	27	35	27	51	27	75						
OCT	25	04	30	15	29	20	30	29	29	30					27	58	26	64						
OCT	25	18	27	18	26	19	25	25	26	21														
OCT	25	22	27	18	25	23	27	24	27	22	27	27	27	37	27	40	27	47	27	53	27	61	28	53

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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
OCT	26	04	30	13	29	14	28	21	28	30	28	30	27	36	28	42	28	52	28	54	28	59	27	55
OCT	26	10	30	14	30	18	27	35																
OCT	26	16	28	21	26	24	26	25																
OCT	26	22	27	21	26	26	26	20	26	30														
OCT	27	05	30	12	28	12	26	17	26	20	26	23	26	23	25	26	25	30	24	30	23	33	23	32
OCT	27	10	28	04	28	11	25	14	25	17														
OCT	27	18	31	12	29	14																		
OCT	27	22	31	10	30	14	29	17	28	17														
OCT	28	04	32	11	30	16	30	16	29	13	29	15	29	17										
OCT	28	10	31	07	30	12																		
OCT	28	16	31	05	31	10																		
OCT	28	22	00	00	06	06																		
OCT	29	04	13	12	11	12																		
OCT	31	02	32	21	31	30	30	44	31	38	30	32	32	30	34	29	35	25	03	35	05	43	03	38
OCT	31	09	33	20	33	26																		
OCT	31	17	31	29	30	30	30	43																
OCT	31	22	32	18	32	23	31	30	31	30	31	29	30	32	31	36	31	45	31	56	31	53	31	44
NOV	01	10	33	18	32	29																		
NOV	01	22	31	17	30	25	29	37																
NOV	02	02	33	20	31	28	30	30	30	35	29	36	29	43	28	63	29	86	29	81	29	72		
NOV	02	16	29	12	28	17	28	14	30	14														
NOV	02	22	31	21	31	24	31	36																
NOV	03	04	29	24	28	23	28	31	28	28	28	30	29	33	29	38	29	34	31	51	31	67		
NOV	03	10	18	07	19	10	23	17	25	18														
NOV	03	16	21	03	22	10	24	08																
NOV	03	22	16	18	17	20	16	17																
NOV	04	04	18	17	17	19																		
NOV	04	10	18	18	17	10																		
NOV	04	16	17	16	17	12																		
NOV	04	22	18	09	18	12	19	12																
NOV	05	04	28	14	27	13	24	11																
NOV	05	10	29	07	28	08	27	10																
NOV	05	18	18	18	18	17	22	18	26	14	27	23	28	13	27	18	26	16	28	22	29	23	27	20
NOV	05	22	20	07	18	14	21	22	22	18														
NOV	06	05	27	12	26	14	23	18	23	17	24	17	25	23	25	28	27	26	28	30	28	30	27	30
NOV	06	10	27	18	26	17	25	19																
NOV	06	18	28	13	26	21																		
NOV	06	22	31	18	31	15	31	23																
NOV	07	04	36	16	36	20	01	20	01	20														
NOV	07	09	36	05	04	15																		
NOV	07	16	13	07	13	06	13	06																
NOV	07	21	12	07	13	08	13	07	14	03	16	06	19	12	18	21	17	45	17	63	18	85	17	81
NOV	08	04	29	07	28	12	30	12	30	14	27	15	24	20	23	20	23	26						
NOV	08	10	32	16	31	17																		
NOV	08	16	31	18	31	19																		
NOV	09	04	32	21	32	31																		
NOV	09	09	33	23	33	26	33	37																
NOV	09	16	33	23	34	29																		
NOV	09	22	34	25	33	25																		
NOV	10	09	35	17	35	25	33	35																
NOV	11	10	35	12	33	22	31	25																
NOV	11	16	34	22	33	18	32	28																
NOV	11	22	33	15	34	15	31	15	29	18														
NOV	12	04	31	21	30	23	29	25	30	24	32	23	34	30										
NOV	12	10	29	22	29	20	28	26																
NOV	12	18	30	18	29	20	28	28	29	32														
NOV	12	22	30	22	30	22	29	33																
NOV	13	05	31	19	32	19	31	23	31	28														
NOV	13	11	28	20	25	27	24	37																
NOV	13	16	30	23	30	29																		
NOV	13	22	27	25	24	21	25	44	25	26														
NOV	14	04	27	25	26	27	26	31																
NOV	14	09	31	27	31	26																		
NOV	14	16	31	23	31	26	30	37																
NOV	14	22	32	30	32	32																		
NOV	15	04	33	34	33	38																		
NOV	15	10	30	22	28	15	29	27																
NOV	15	18	29	18	27	16	28	25																
NOV	15	22	28	22	26	20	27	25	28	35	29	35												
NOV	16	04	29	22	28	24	27	26	26	26	27	30												
NOV	16	10	28	17	27	20																		
NOV	16	16	28	18	26	20	25	24	25	30	26	23												
NOV	16	22	28	17	26	10	23	23	23	23														
NOV	17	04	27	18	25	28	25	24	26	19														
NOV	17	10	27	10	25	09																		
NOV	17	16	00	00	26	07																		
NOV	17	22	30	02	29	04	24	08																
NOV	18	04	16	03	16	03	15	04																

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
NOV	18	10	11	03	10	04																		
NOV	18	16	12	15	11	10																		
NOV	18	22	12	17	11	16	07	16																
NOV	19	04	13	21	12	22	08	16																
NOV	19	10	12	19	12	19																		
NOV	19	16	13	17	12	16																		
NOV	19	22	12	15	11	17	08	10																
NOV	20	04	11	12	10	15	09	10																
NOV	20	10	11	05	08	08																		
NOV	20	16	00	00	34	02																		
NOV	20	22	34	10	32	10	31	09	27	15														
NOV	21	04	33	15	32	23	31	23	29	25	29	21	27	25										
NOV	21	18	25	03	23	06	28	12																
NOV	21	22	24	07	23	03																		
NOV	22	04	15	03	18	05																		
NOV	22	10	14	05	15	07																		
NOV	22	16	00	00	12	05																		
NOV	22	22	34	10	32	10																		
NOV	23	04	31	12	28	19	27	14	28	25	28	24	29	22	29	21	30	22	29	22	31	31	32	27
NOV	23	10	31	14	29	17	28	20	27	20	29	20	29	27										
NOV	23	18	27	22	24	22	25	16	25	15														
NOV	23	22	27	07	23	04																		
NOV	24	04	28	10	26	12	24	12																
NOV	24	10	23	03	23	05	21	04																
NOV	24	16	29	05	31	05	34	05																
NOV	24	22	34	03	02	04																		
NOV	25	04	08	07	06	13	03	14	03	15	05	10	04	10										
NOV	25	10	07	09	06	12	04	21																
NOV	25	16	10	14	07	13	05	18																
NOV	25	22	12	15	08	20	05	28	05	26	04	23	05	23	06	21	07	20	06	19	06	20	07	14
NOV	26	04	12	12	07	24	06	28	06	28	06	28	06	25	08	20	08	23	09	15	09	22	07	18
NOV	26	09	13	16	10	20	09	26	06	24	06	29	06	25	08	27	09	23	10	27	11	24	11	32
NOV	26	16	14	10	09	17	06	27	05	09														
NOV	27	18	27	18	25	31																		
NOV	27	22	30	16	27	20	26	19	26	24	27	19	28	30	30	30	30	30	31	29	34	44	35	46
NOV	28	04	32	18	31	22																		
NOV	28	10	33	18	24	19																		
NOV	28	22	32	04	30	07	29	11																
NOV	29	04	15	03	17	04																		
NOV	29	10	14	09	14	12	17	08	24	05	34	09												
NOV	29	22	18	23	18	19																		
NOV	30	04	22	15	21	18	19	27																
NOV	30	10	20	07	21	08	22	23	21	15	22	27	22	25										
NOV	30	16	30	17	28	22	27	12																
NOV	30	22	34	21	32	23																		
DEC	01	04	31	21	30	37	28	31	28	29	29	35	29	43										
DEC	01	09	27	19	27	24																		
DEC	01	16	23	03	26	09	26	10																
DEC	01	22	33	07	35	10	35	11	30	12	28	18	30	23										
DEC	02	04	36	17	01	15	35	20	34	15	34	20	32	16										
DEC	02	04	34	16	32	22	31	27	32	30	33	39	33	60										
DEC	03	10	34	15	32	23	32	23	32	27	32	30												
DEC	03	16	32	12	32	16	32	24	32	26														
DEC	03	22	34	16	33	19	32	27	33	24	33	26	32	26										
DEC	04	04	35	18	34	28	33	28	33	25	34	27												
DEC	04	10	01	21	01	23																		
DEC	04	23	31	12	28	19	29	17																
DEC	05	05	27	14	27	21	27	16	27	23	29	23	30	22	34	33								
DEC	05	10	29	18	27	37	26	33																
DEC	05	16	27	27	25	40	25	23	26	33														
DEC	05	22	31	21	31	23	30	27																
DEC	06	04	32	28	31	34	30	40	31	31														
DEC	06	16	27	13	26	22	25	13																
DEC	07	05	26	15					25	26	25	26			28	54	28	69	29	98				
DEC	07	10	27	20	23	17	24	23	25	18														
DEC	07	23	31	07	29	11	27	11	26	14	26	21	25	25	26	42								
DEC	08	05	31	07	36	07	01	09	32	11	33	12	30	16	28	27	28	49	27	78	27	21	28	43
DEC	08	10	08	15	07	21																		
DEC	10	04	34	09	31	12	29	22	28	23	28	19	29	23	31	33	32	37	33	48	31	51	30	42
DEC	10	10	32	13	29	21	29	23																
DEC	10	18	27	12	26	16	26	17	27	22	27	22	28	23										
DEC	10	22	34	09	32	14	31	14	27	19	27	18												
DEC	11	04	33	08	32	18	31	21	30	22	29	21	30	13										
DEC	14	10	23	06	23	17																		
DEC	14	17	22	03	22	04																		
DEC	14	22	09	02	04	02	23	04																
DEC	15	04	07	07	07	04	09	03	03	02	36	03	33	06	32	09	28	09	29	17	32	25	32	33
DEC	15	10	11	14	10	10																		

Results of Upper Wind Observations,
MACQUARIE 1956

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	16	04	33	05	33	12	35	11	36	15	34	16	35	25										
DEC	16	10	03	05	35	10																		
DEC	17	18	08	04	05	12																		
DEC	18	22	33	15	33	22	31	28	31	21	32	23	33	33										
DEC	19	04	02	16	36	21	01	25	36	24	36	27	01	29	36	32	36	37	35	37				
DEC	19	23	36	11	35	14	34	14	35	17	35	20	34	21	35	22	36	34						
DEC	20	04	02	14	35	23	35	24																
DEC	20	09	35	15	34	26	34	31	34	30														
DEC	20	18	36	13	35	21	35	21	35	27	35	20	34	25										
DEC	21	03	10	11	08	24																		
DEC	21	11	34	15	31	29																		
DEC	21	22	35	14	01	15																		
DEC	22	04	33	11			35	15	36	16														
DEC	22	10	31	13	31	17	31	19																
DEC	22	22	29	21	24	20																		
DEC	23	04	28	21	27	24	26	29	26	25	26	25	26	23	25	30	25	39	25	49			25	31
DEC	23	10	30	14	28	17	29	18																
DEC	24	06	30	27	29	42																		
DEC	24	10	30	29	29	32																		
DEC	24	16	31	09	29	21	29	21	29	21	28	24												
DEC	24	23	31	13	31	19	30	24	30	20														
DEC	25	05	34	07			31	15	31	17	31	22	31	23	31	21	30	27	31	31	31	37	33	25
DEC	25	10	34	05	32	10	31	15	32	13														
DEC	25	16	31	02	28	06																		
DEC	25	22	31	05	29	08	29	13	28	15	27	17	28	21	28	23	29	26	30	33	29	24		
DEC	26	05	32	03	29	07	28	14	29	15	29	17	29	21	29	22	31	22	31	28	31	25	28	07
DEC	26	10	00	00	01	03	34	07	34	08	33	13	32	13										
DEC	26	22	18	16	16	26	18	09																
DEC	27	04	17	07	19	04	25	10	26	12	24	07												
DEC	27	10	25	03	24	07	23	07																
DEC	27	16	18	03	23	06	27	14																
DEC	28	04	26	08	27	11	26	08																
DEC	28	09	00	00	27	05	26	08	28	10	27	13	27	08	21	09	19	12	23	17	25	25	25	43
DEC	28	16	02	02	04	12																		
DEC	29	08	30	06	30	18	30	32	34	15														
DEC	29	18	13	13	09	13	08	20	07	18	07	12	08	11	04	12								
DEC	30	04	17	24	15	25	11	12																
DEC	30	22	13	21	10	22																		
DEC	31	00	12	16	11	14	10	16	12	07	12	09	02	07	36	05	07	07	12	06	03	01	32	08
DEC	31	04	12	16	12	18	10	14	09	07	11	05	33	08	04	07	06	09	04	07	36	15	28	12
DEC	31	10	11	12	10	12	10	17	09	13														
DEC	31	16	13	13	13	15																		

Results of Upper Wind Observations,
MACQUARIE 1956

MONTH	DAY	HOUR	40,000 FEET		45,000 FEET		50,000 FEET		55,000 FEET		60,000 FEET		65,000 FEET		70,000 FEET		75,000 FEET		80,000 FEET		85,000 FEET		90,000 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	04	04	26	39	26	39	26	35	26	29														
FEB	09	18	24	82	24	78	24	53	24	43	23	40												
FEB	11	07	28	47	29	46	28	43	27	34														
FEB	15	04	29	54	29	48																		
MAR	06	04	30	70	30	70	30	55	30	58	30	49												
MAR	06	23	28	47	28	59	29	58	29	52														
MAR	07	04	29	41	29	52	29	48	29	31														
MAR	22	04	30	46																				
MAR	23	04	29	63	29	59																		
MAR	26	23	31	87	30	80	31	70	31	65														
MAR	27	04	31	61	31	67	30	52	31	52	31	38												
MAR	28	04	30	46																				
JUN	01	04	28	22	27	25	27	25																
JUN	04	04	25	32	26	43	26	42	26	44	27	48												
JUN	09	23	29	39	27	47																		
JUN	10	22	30	70	29	71	29	70	29	70														
JUN	19	04	24	20	25	26	27	28																
JUN	29	23	31	33	29	30	28	30																
JUL	11	23	26	34	27	40	28	52	28	60														
JUL	12	04	25	24	27	40	28	49	28	63														
JUL	20	22	27	36	27	41																		
JUL	24	04	28	33	28	48																		
JUL	24	22	27	30	27	38	27	54																
JUL	27	04	26	55																				
AUG	11	23	30	40																				
AUG	24	22	25	30	24	42	24	45	24	62														
AUG	25	04	24	40																				
AUG	25	22	23	50	23	51	23	56	24	60														
AUG	26	04	24	51																				
AUG	27	05	26	35	26	42	26	45																
AUG	31	02	31	68																				
SEP	10	04	27	80	27	81	27	73	27	93	27	95												
SEP	19	02	28	35	29	26																		
SEP	29	04	24	19	25	14	28	13	27	15	29	16												
SEP	29	22	21	15	25	17	27	17	28	20	29	22												
SEP	30	04	28	13	29	17	29	22	30	30	28	33												
OCT	02	18	30	44	29	46	28	50																
OCT	06	04	27	62																				
OCT	06	22	27	47	27	42	27	39																
OCT	25	22	27	46	28	44																		
OCT	26	04	27	46	27	33	27	33																
OCT	27	05	26	36	27	36	27	36	27	37	27	33												
OCT	31	22	31	39	31	35	31	30																
NOV	06	05	26	23	26	18	28	18	28	13	28	10												
NOV	07	21	19	42	21	30	22	27																
NOV	23	04	32	23																				
NOV	25	22	33	09	32	10	31	08	28	05														
NOV	26	04	03	06	31	08	29	05	30	12	25	10												
NOV	26	09	13	18	20	09	27	10	26	10	27	15												
NOV	27	22	32	34	32	30	33	23	32	15														
DEC	08	05	28	13	27	69	26	42	26	31	24	22												
DEC	10	04	30	43	29	35	30	41																
DEC	15	04	31	36	32	35	31	28	34	13	33	21												
DEC	25	05	35	15	35	12	35	12	34	08	32	09												
DEC	26	05	29	13	30	10	31	13	35	09														
DEC	28	09	26	35	27	23	29	18																
DEC	31	00	26	20	27	19	27	19	30	19	31	15												
DEC	31	04	28	18	27	15	27	18	27	09	02	07												

Results of Upper Wind Observations,
MAWSON 1956

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
AN	01	05	07	08	07	09	10	21	10	24	12	15	13	21	16	24	16	32	17	3	18	36	19	12
AN	01	10	25	06	24	05	13	06	11	17	13	08			16	21	17	47	18	44	19	48	18	58
AN	02	05	12	18	10	23	10	15	12	09	17	10	14	06	17	18	18	25	19	21	19	27	23	09
AN	02	10	25	05	22	04	11	08	12	16	14	14	13	07	18	17	19	17	21	29	20	28	21	18
AN	03	05	11	15	12	24	09	18	10	20	13	20	14	15	14	13	14	08	12	11	20	13	21	16
AN	03	10	13	26	13	32	08	07	11	13														
AN	04	05	13	28	14	45	10	38	10	04	10	09	15	31	16	12	18	30	22	29	23	67	22	55
AN	04	11	13	21	13	26	11	26	10	11	12	20	15	31	17	18	19	30	19	35	21	17		
AN	05	05	13	25	11	35	09	20	10	10	14	17	15	29	18	17	20	35	20	81	21	83		
AN	05	10	03	04	06	03	11	16	12	10	14	20	17	32	16	34	17	38						
AN	06	05	15	26	14	26	10	16	11	10	15	11	15	35	14	46	15	68	15	80	16	97		
AN	06	10	15	16	13	14	12	12	14	17	14	21	15	34	15	49	15	64	16	63				
AN	07	05	13	37	13	48	10	46	09	33														
AN	08	06	12	23	12	36	10	22	10	18	13	24												
AN	08	11	08	14	09	15																		
AN	09	05	13	35	12	61	10	43	10	44	11	25	11	26	11	24	09	31	07	11	36	13	05	09
AN	09	10	13	31	13	48	10	36	09	24														
AN	10	06	13	19	12	31	10	29	11	25														
AN	10	09	25	03	07	07	11	21	11	37														
AN	11	11	13	26	13	55	07	16	08	27	12	15												
AN	12	11	09	38	09	42	09	52																
AN	13	05	11	34	11	33	09	48																
AN	13	09	08	03	08	29	10	42																
AN	14	05	09	22	08	30	10	40																
AN	15	05	12	16			08	18	09	19	07	18	04	20										
AN	15	10	09	04	06	06	09	14	11	16	10	13	03	13	01	19								
AN	16	05	13	22	12	11	10	09	13	19	18	06	17	08	07	02	30	02	29	03	32	03	06	01
AN	16	10	24	08			10	08	13	17	19	09	21	07	27	05	24	05	29	03	33	04	02	04
AN	17	05	11	06	11	14	12	21	11	43	12	32												
AN	17	10	11	12	13	11	17	09	13	21	16	19	20	19	22	32	25	33	25	45	26	45	24	36
AN	18	05	13	22	13	23	08	10	11	08	31	07	19	11	25	22	25	36	27	36	27	45	26	19
AN	18	10	08	08	05	05	09	09	13	09	27	03	26	07	26	27	27	43	27	34				
AN	19	05	12	22	11	20	08	04	35	01	25	01	35	06	30	17	30	24	30	18	30	24	28	20
AN	19	10	04	10	06	07	12	04	34	02	34	03	32	04	30	16	30	21	30	23				
AN	20	05	12	19	10	17	09	02	09	05	01	05	33	01	25	08	29	18	27	44	26	50	27	28
AN	20	11	07	13	07	13	11	13			11	07	06	05	35	08	30	13	28	27				
AN	21	05	12	25	09	26	09	24	08	21	08	21	06	19										
AN	21	10	09	19	10	22	09	24	10	23	09	22												
AN	22	05	11	17	12	22	09	36	10	41	10	34												
AN	22	11	12	25	12	32	09	32	09	30	10	29												
AN	23	05	12	25	11	33	10	36	10	36	14	27	11	33	10	29	10	14	10	15	10	12	05	08
AN	23	10	10	23	10	23	10	22	10	24	14	20												
AN	24	05	13	22	11	23	09	20	11	25	13	19	10	15	12	12	08	12	08	15	08	15	07	08
AN	24	10	05	10	07	09	10	17	13	20	11	16	10	13	10	14	11	13	10	14	09	13	08	12
AN	25	05	13	18	10	11	13	04	11	09	14	09	11	08	10	12	10	13	11	16	17	10	11	04
AN	25	11	24	06	25	03	10	10	12	14	13	09	10	06	10	10	09	15	09	12	11	10	12	07
AN	26	05	13	22	10	26	09	10	14	10	13	11	12	10	13	03	09	06	09	05	04	04	23	05
AN	26	11	08	07	07	03	12	13	12	08	15	07	13	06	15	04	13	02	23	01	22	04	25	06
AN	27	05	12	18	11	05	11	07	12	07	36	04	23	03	26	06	31	15	31	14	32	27	29	12
AN	27	10	05	06	06	03	11	08	08	01	06	04	27	06	30	10	31	17	32	26	32	29	28	16
AN	28	05	12	16	09	12	08	07	08	06	07	04	32	02	32	11	28	09	30	12	32	14	28	19
AN	28	11	06	07	07	05	09	06	10	07	05	03	28	10	28	17	31	11	34	15	34	17	29	19
AN	29	05	13	13	16	03	23	06	16	09	17	13	19	13	24	17	23	15	24	14	24	22		
AN	29	10	07	05	08	03	11	08	16	10	20	11	18	14	19	25	21	26	22	26	25	32	23	35
AN	30	05	34	08	02	06	14	06	16	21	23	23	22	29	24	41	24	67	24	63	24	57	24	41
AN	30	10	27	11	27	07	17	21	21	10	24	14	22	36	25	45	24	44	24	56	26	52	24	50
AN	31	05	13	26	10	22	08	08	12	18	17	19	26	13										
AN	31	11	09	22	10	21	11	26																
FR	01	05	13	26	11	32	08	09	11	23	13	17	14	20	21	17	21	12	20	09	23	08	27	14
FR	01	10	11	22	12	19	10	10	15	04	16	18	14	12	23	18	24	20	22	28	22	18	25	21
FR	02	05	15	20	14	19	09	08	13	04	13	11	18	15	19	18	19	23	20	36	22	23	25	12
FR	02	10	29	13	30	07	13	06	13	10	16	15	19	14	20	36	20	28	19	59	20	30	23	24
FR	03	05	14	14	14	27	11	04	16	02	16	23	22	17	24	30	25	26	24	29	25	37	25	34
FR	03	11	33	04	03	04	12	11	11	15	12	09	21	16			25	41	23	64				
FR	04	06	10	31	10	44	09	44	09	38	09	26												
FR	07	05	11	23	10	29	09	30	10	28	12	14												
FR	07	10	08	16	10	16	11	24																
FR	08	05	12	32	12	54	09	44	08	32														
FR	08	10	09	15	10	14	10	21	10	27														
FR	09	05	12	15	12	25	10	33	11	26	11	11												
FR	09	11	11	26	12	27	09	29	09	25														
FR	10	05	12	13	11	17	10	25	10	23	12	21	13	19	12	17	10	25	10	24	10	14		
FR	10	11	12	14	12	14	10	16	10	12			11	12										
FR	11	05	13	16	11	17	10	14	11	21			12	09	14	04	24	06	04	10	32	07	24	12
FR	11	11	08	04	09	07	11	11	11	30														
FR	12	05	12	16	11	20	10	17	11	18	11	19												
FR	12	10	07	06	08	05	10	15	11	22	10	12												
FR	13	05	13	16	11	14	18	04	17	03	26	02												

Results of Upper Wind Observations,
MAWSON 1956

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	13	11	09	06	27	04	10	08	12	05	29	05	03	03	33	10								
FEB	14	05	13	11	09	04	29	04																
FEB	14	11	07	07	09	03	11	03	29	06	31	06	28	10	36	10	04	25	03	28	34	21	35	13
FEB	15	05	14	33	11	24	09	19	07	12														
FEB	15	10	12	31	10	31	08	09																
FEB	16	06	11	29	12	38	10	32	09	28	11	18	10	19	10	08	21	08	23	06	24	23	18	01
FEB	16	11	11	15	11	24	10	38	09	22														
FEB	17	05	14	26	13	28	14	02	19	05	14	16	14	10	20	24	20	21	22	28	22	34	27	02
FEB	17	10	12	17	11	12	08	08	13	06	12	03	19	01	20	11	18	11	23	26	22	36	25	12
FEB	18	04	14	20	13	25	10	03	14	05	18	04	23	12	24	20	24	26	25	40	24	20	24	11
FEB	18	10	12	14	10	16	09	06	16	08	20	05	26	10	25	18	25	22	27	30	28	40	25	31
FEB	19	06	13	25	10	19	08	10					24	10										
FEB	19	10	06	07	07	05	11	19	10	10	18	05	25	02	25	22	21	33	20	46	20	45		
FEB	20	05	13	29	10	32																		
FEB	22	05	13	35	12	52	09	38																
FEB	23	05	12	31	12	48	10	42																
FEB	23	11	12	22	14	26	10	25	09	25	09	19												
FEB	24	05	12	32	11	39	09	34	09	28														
FEB	24	11	13	29	12	33																		
FEB	25	05	13	29	10	23	08	16	11	16														
FEB	25	10	13	20	11	24	09	21	12	10	11	14												
FEB	26	05	12	23	12	35	10	23	12	15	13	16												
FEB	26	11	13	28	12	22	08	16	08	06														
FEB	27	05	13	26	10	22	07	14	15	03	13	08	13	10	13	12	09	14	09	17	09	24	08	14
FEB	27	10	13	25	13	30	10	25	15	07	17	14	13	08	14	12	12	13	12	12	10	16	08	14
FEB	28	05	13	33	12	27	06	06	17	06	31	02	14	12	17	10	17	16	18	13	20	14	19	11
FEB	28	10	08	11	08	13	10	13	18	09	24	05	14	08	18	09	19	13	21	15	22	20	23	20
FEB	29	05	13	18	12	10	23	01	32	11	27	03	29	12	27	24	28	26	29	60	29	49	27	21
FEB	29	10	12	17	09	09	14	06	31	04														
MAR	01	05	14	25	12	22	10	14	17	09	21	17	22	24	23	42	23	55	23	11	23	82	23	36
MAR	01	11	11	10	10	11	08	18	14	12	23	15	22	21	22	41	23	66	23	79	23	80		
MAR	02	11	12	12	09	16	07	18	10	20	12	11	26	06	02	10								
MAR	03	10	07	02			10	06	11	06	15	03	27	06	29	06	34	07	05	11	06	17	34	13
MAR	04	05	16	12	00	00	00	00	12	05	20	13	22	12	30	02	05	16	05	36	05	36	34	12
MAR	04	11	08	04			14	02	16	06	24	12	28	18	33	08	02	18	01	24	02	28	32	17
MAR	05	07	13	27	12	41			13	07	23	12	28	09	27	14	27	20	27	24	29	23	30	26
MAR	05	11	11	17	10	22	08	04	20	04	25	08	25	11	25	13	27	19	27	24	28	24	30	28
MAR	06	05	13	28	12	29	09	06	12	05	24	04	26	16	25	20	28	20	29	24	30	24	30	21
MAR	06	10	13	18	12	12	27	04	21	02	26	07	25	15	27	12	28	13	30	19	31	21	30	22
MAR	07	05	13	31	12	29	09	09	13	07	24	04	26	06	26	04	28	08	26	15	27	20	27	23
MAR	07	10	12	20	11	25	12	05	19	03	24	04	25	11	24	05	25	11	25	18	25	27	27	26
MAR	08	05	14	12	15	12	19	04	18	02	22	10	24	13	23	20	23	30	24	40	24	38	27	20
MAR	08	10	00	00	13	03	15	03	13	03									27	24	28	26	28	25
MAR	09	05	15	22	13	14	13	15	13	05	25	18	25	25	25	27	25	35	25	54	25	44	27	30
MAR	09	11	13	26	13	25	07	06	24	04	25	16	25	18	26	29	26	45	26	57	26	49	27	34
MAR	10	05	16	28	15	30	18	02																
MAR	10	10	15	20	14	25	18	04																
MAR	11	05	15	22	13	20	03	03	12	05	20	21	23	20										
MAR	11	11	13	19	13	20	11	13	14	07	20	14	21	26	25	32	25	50	25	78	25	06	25	82
MAR	12	05	13	37	13	39	09	22	08	17	12	22	15	05	18	08	24	17	27	21	28	21	25	32
MAR	12	10	14	35	12	30	08	17																
MAR	13	05	14	33	13	49	04	07	06	05	10	11	17	12	18	10	29	13	28	16	29	13	28	16
MAR	13	10	13	27	13	35	11	01	32	06	20	03	14	12	19	10	25	13	28	16	29	23	30	32
MAR	14	05	13	21	13	31	14	19	10	08	15	14	19	07	18	09								
MAR	14	10	10	14	10	10	13	15	12	20														
MAR	15	05	13	21	11	29	07	16	11	10	14	14	18	16	18	03	13	03	33	03	32	11	30	12
MAR	15	10	11	19	10	20	09	13	13	14	15	06	19	06	06	02	09	06	08	04	02	10	32	13
MAR	16	05	15	20	13	28	10	15																
MAR	16	12	13	18	12	26	09	08	13	06														
MAR	17	05	13	18	11	17	11	06	19	08														
MAR	17	10	12	17	12	30	11	10	19	11	28	06												
MAR	18	05	13	45	11	55	08	31																
MAR	18	11	12	42	12	38																		
MAR	19	05	14	18	14	23	11	20	11	14	14	13	14	05	16	04	19	05	24	11	27	14	27	14
MAR	19	10	13	16	12	25	09	10	08	03	17	15	22	05	22	05	26	08	25	15	26	20	27	18
MAR	20	05	13	20	12	20	15	03	21	04	24	04	29	07	27	11	31	15	32	15	25	16	27	20
MAR	20	10	13	18	11	17	15	02	27	04	27	06	25	18	28	14	25	19	22	32	24	33	26	23
MAR	21	05	16	20	13	14	15	03	26	04	31	08	26	15	27	20	29	22	30	30	31	34	29	25
MAR	21	10	14	13	11	07	24	09	28	14	27	17	27	20	28	22								
MAR	22	05	15	15	16	10	29	07	31	07	27	15	25	32	26	30	28	30	27	37	28	31	27	20
MAR	22	11	00	00	23	03	28	05																
MAR	23	05	15	23	14	27	12	07	21	10	23	25	24	44	26	47	27	44	28	59	28	53		
MAR	23	10	16	07	19	07	24	05	24	13	24	39	25	51	26	54	27	57	26	60	28	59	29	38
MAR	24	04	00	00	20	04	20	06	23	13	24	18	26	30	26	36	25	53	25	53	25	52	26	49
MAR	24	11	00	00	18	03	19	01	25	10	25	16	27	20	26	36	24	82	25	31	25	27	25	69
MAR	25	12	13	14	13	20	06	14	12	05														
MAR	26	05	13	19	10	24	09	22	14	12	25	06	26	09	26	12	27	19	27	15	28	26	29	31
MAR	26	10	09	10	12	14	13	15	16	05	24	12	27	11	27	15	22	19	25	20	27	22	28	29

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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
MAR	27	05	13	17	11	12			17	03	24	12	24	13	25	13	28	05	31	11	28	12	26	22
MAR	27	11	14	14	13	15	14	09	19	04	24	17	24	22	25	13	27	09	24	09	26	15	25	21
MAR	28	05	16	25	15	18	07	06	14	09	25	18	24	35	25	25	26	25	24	25	24	35	24	35
MAR	28	11	00	00	04	03	00	00	23	06	24	27	26	34	26	32	26	38	25	46	25	58	24	50
MAR	30	10	12	31	11	28	07	11																
MAR	31	05	12	20	10	21	07	15	09	16	10	13												
MAR	31	10	12	09	10	35	08	23	11	24	10	20	10	13	30	03								
APR	01	05	13	27	10	13	07	13																
APR	01	10	13	18	13	22	03	09																
APR	02	10	13	16	16	03	20	03																
APR	03	05	15	15	14	10	13	01	27	15	26	21	27	31										
APR	03	11	13	16	13	15	05	02	28	14	29	21	28	17	29	25								
APR	04	05	16	03	23	02	10	07	22	08	25	14	26	16	27	17	28	18	27	25	28	29	29	35
APR	04	10	00	00	11	04	12	06	24	10	27	14	27	16	28	22	27	23	28	29	27	31		
APR	05	05	12	18	10	13	07	04	26	16	26	13	28	15	27	12	28	40	28	77	28	86		
APR	05	10	12	20	12	18	11	02	25	09	22	05	32	03	26	16	29	34	28	55	29	58		
APR	06	05	17	07	21	07	18	03	20	05	24	18	25	25	25	25	25	24	26	32	27	32	26	28
APR	06	11	11	05	09	04	33	10	22	08	25	28	24	46	25	42	26	43	26	47	26	50	27	33
APR	07	04	13	09	13	03	10	06	23	05	27	26	27	34	26	43	26	57	26	59	26	64	26	54
APR	09	10	11	27	11	36																		
APR	11	06	12	35			09	35	09	27														
APR	13	04	14	17	13	28																		
APR	13	10	12	20	13	37	08	05	13	21														
APR	14	10	13	36	14	37	10	37																
APR	15	05	13	21	13	26	08	22	10	22	12	18	14	38	13	20	15	16	15	25	15	40	24	11
APR	15	10	12	20	11	18	08	10	11	10	13	24	15	40	19	10	15	19	16	27	17	29	17	13
APR	16	06	13	39	12	40	10	20	09	24														
APR	16	11	13	35	12	29	08	17																
APR	17	05	13	28	13	29	09	19	10	12	13	18												
APR	17	11	13	29	13	34	10	20	11	27														
APR	18	05	15	05	10	08	03	08	12	10	15	12	16	03	04	04	01	23	01	23	01	13	34	08
APR	18	10	14	10	13	12	14	04	20	02	14	03	05	06	01	18	01	26	01	2	36	15	34	12
APR	19	06	15	15	13	13	12	02	28	10	25	10	18	05	05	13	05	08	03	04	31	08	27	15
APR	19	10	13	11	09	03	21	03	26	17	25	11	20	05	34	06	25	08	24	14	25	16	28	16
APR	20	04	00	00	12	08	10	12	07	04	02	12	34	08	27	16	28	17	30	1	29	15	27	23
APR	20	10	14	15	14	15	12	06	10	05	32	04	27	15	28	19	28	22	27	39	29	33	28	26
APR	21	04	15	23	14	14	24	01	24	09	27	20	27	25	27	28	28	22	29	15	28	28	29	33
APR	21	10	15	15	11	08	21	04	27	23	26	26	27	32	28	30	29	23	27	36	28	37	29	38
APR	22	05	13	28	13	27	08	09																
APR	22	11	12	23	10	04	05	03	25	06														
APR	23	04	13	08	12	09	13	05	30	07	28	21												
APR	23	11	14	24	10	16	10	07	30	12														
APR	25	05	13	17	09	16	07	06	04	04	35	15	32	12	32	09	33	12	28	2	29	18	28	27
APR	25	11	10	15	06	16	10	08																
APR	26	06	15	27	16	20	11	04	25	21	26	32	26	35	27	40	27	42	27	55	27	67		
APR	26	11	14	14	06	02	14	04	27	16	27	19	27	16										
APR	29	04	18	12	18	17	19	15	18	20	14	29	12	35										
APR	29	10	00	00	25	06	18	18	15	22	13	13	20	22	21	20	27	14	28	19	30	27	26	26
APR	30	04	00	00	20	05	22	16	22	06	24	17	21	19	23	30	24	49	24	62	24	70	24	50
APR	30	10	21	19	22	18	16	18	24	11	23	19	23	27	23	39	24	55	25	58	25	61	25	58
MAY	01	04	15	21	13	30	10	19	11	24	12	09	25	08	25	17								
MAY	01	10	00	00	07	06	12	18	11	28	13	17	26	05										
MAY	02	05	13	15	13	13	13	14	14	36														
MAY	02	11	16	42	16	56	10	24	06	10	11	08												
MAY	03	05	14	27	14	25	11	25	11	20	10	25	16	37	15	41	15	48	16	44	16	47	17	30
MAY	03	10	17	18	17	16	14	10	15	16	15	21	17	21	17	30	17	46	18	47	18	53	20	23
MAY	04	05	00	00	16	09	10	21	13	29	16	22	17	38	19	32	20	32	20	53	22	53	24	22
MAY	04	10	13	16	14	16	11	15	15	15	12	09	16	12	20	23	21	37	21	51	22	51	27	33
MAY	05	05	14	24	13	35	10	27	11	17	16	14	17	17	20	21	22	28	22	2	25	17	26	17
MAY	05	11	14	18	14	15	09	21	10	21	15	15	19	12	21	19	21	30	23	16	24	23	26	17
MAY	06	05	15	35	14	40	30	14	12	04	16	13	17	14	20	14	20	25	21	14	27	10	24	13
MAY	06	09	13	31	14	46	11	31	12	21	15	11	15	11	19	13	20	13	25	03	28	10	25	10
MAY	07	05	14	26	12	25	09	29	09	25														
MAY	07	10	15	35	15	34	05	12	07	12	13	11												
MAY	08	06	15	36	15	27	12	02	17	05	14	13	18	11	21	12	21	12	24	26	25	21	26	19
MAY	08	09	15	32	15	33	13	08	14	05	15	07	19	09	20	11	22	08	25	20	26	23	27	18
MAY	09	05	13	25	11	32	09	24	09	17			09	03	02	05	30	12	28	23	29	27	32	22
MAY	09	10	12	22	10	32	09	26	10	12														
MAY	10	09	13	38	14	67	11	59																
MAY	11	05	15	38	15	31	29	05	28	12	24	18	22	14	23	16	17	07	17	11	29	08	30	12
MAY	12	05	12	17	11	26	08	13					18	05	09	08	29	16						
MAY	12	10	12	23	12	38	09	29																
MAY	14	06	13	51	14	43																		
MAY	14	10	13	45	14	24	10	32																
MAY	15	05	13	19	12	41	07	20																
MAY	15	10	14	22	12	32	10	34																

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
MAY	16	05	14	25													34	07	34	1-	36	19	34	21
MAY	16	10	14	33	10	28	09	27	10	20														
MAY	17	04	14	17																			28	20
MAY	17	09	13	19	12	16	09	09	15	07	23	05	24	11	24	09	20	08	17	15	27	10	29	19
MAY	18	07	14	17	14	24	13	18	15	13	15	13	19	09	21	11	22	15	23	19	25	19	27	28
MAY	18	10	15	17	12	17	09	08	15	12	18	06	19	11	22	13	23	20	24	22	25	22	25	24
MAY	19	05	14	25	12	14	07	07	12	06	24	04	24	08	25	17	23	30	23	28	25	27	26	32
MAY	19	10	14	28	12	21	06	09	15	05	27	11	23	11	24	25	24	40	24	46	23	44	26	36
MAY	20	05	13	23	13	10	29	04	28	03	26	11	25	25	25	24	26	29	27	30				
MAY	20	10	13	19	13	10	25	04	23	05	24	21	24	22	24	29	26	24	27	25	27	26	29	31
MAY	21	05	00	00	08	01	13	06	23	16	24	19	26	36	25	37	25	53	25	84	25	89	26	60
MAY	21	10	16	21	18	05	14	10	22	11	25	16	26	27	26	37								
MAY	23	15	11	24	12	33	11	28	11	10	16	07	17	07	15	11	09	10	10	05	29	06	27	08
MAY	24	05	12	23			15	14	15	15	15	17	22	06	33	13			30	07				
MAY	24	09	11	17	10	31	09	22	09	18														
MAY	25	05	11	14	08	17	11	12	13	13	13	14	23	21	23	20	24	18	27	16	32	11	29	15
MAY	25	10	12	12	08	06	12	10	12	18	15	06												
MAY	26	06	14	19									24	23	23	20	24	22	20	05	21	08	20	18
MAY	26	10	15	22	15	02	11	04	10	07	22	09	24	24	24	25								
MAY	27	06	13	20	13	07													34	09	29	13	27	27
MAY	27	09	12	20	12	17	11	06	11	18	13	01	30	05	29	12	28	15	30	12	31	19	29	29
MAY	28	05	13	30											28	26	29	28	29	25	29	22	30	32
MAY	28	10	13	30	12	15	06	07	08	05	28	05	29	14	30	21	31	30	32	29	32	22		
MAY	29	05	12	28	12	28	11	22	13	15	15	10	03	07	06	09	02	18	35	11	31	14	31	15
MAY	29	10	12	29	12	24	13	04																
MAY	30	05	13	17			10	15	32	06	19	04	08	04	10	03	01	03			35	14	34	17
MAY	30	09	12	28	12	26	08	13																
MAY	31	05	13	26	12	09	11	06	09	10	10	07	11	08	09	03	09	11	07	07				
MAY	31	10	12	22	11	25	09	19	10	17														
JN	01	05	14	12	13	13	11	10	11	16	15	16	12	06	12	14	08	18	05	2	06	09	33	09
JN	01	09	12	21	13	28	12	19	13	27	12	22	17	12										
JN	02	05	14	17	13	11	11	15	11	06	29	06	24	16	24	15	27	04	29	14	28	28	30	22
JN	02	10	13	16	08	14	08	12	02	03														
JN	03	04	12	19	12	16			12	06	27	09					30	28	27	15	30	16	31	20
JN	03	09	12	16	12	21	12	14	16	05	28	13	29	19	30	26	30	36	30	18	30	16		
JN	04	05	00	00	00	00	00	00	00	00	00	00	00	00	31	12	31	23	29	22	27	15	27	17
JN	04	11	00	00	14	07	11	10																
JN	05	08	00	00	24	06	13	12	22	06	25	22	27	42	27	37	27	28	27	44	27	38	28	39
JN	06	04	14	25							27	18	28	22	30	30	30	40	29	35	28	35		
JN	06	10	14	25	14	18	07	01	17	02	29	10	24	15										
JN	07	04	00	00	34	04	12	10	22	16	23	30	24	33	24	43	25	53						
JN	07	09	15	14			18	08	23	12	24	27	25	84	26	67	27	79						
JN	09	09	14	25			14	23	03	07	23	08	23	14									01	15
JN	10	05	13	20					12	06	07	05	34	06	32	06	04	16	04	40	05	39	01	25
JN	10	09	13	20	12	10	33	01	22	03	36	02	30	01	30	06	04	18	04	33	04	33		
JN	11	05	14	23	14	04	18	02	26	02					25	09	28	07			27	22		
JN	11	09	12	30	12	35	09	11	14	11														
JN	13	10	12	43	12	30																		
JN	14	10	12	33			09	07	16	03	08	05	10	05	05	03	03	02	07	06	05	18	03	19
JN	15	09	12	36	11	25	09	24																
JN	16	05	12	15	14	07	29	02	27	01	25	01	30	05			11	12	13	14	06	12	01	13
JN	16	10	13	22	14	27	11	11	14	12	15	17	15	31										
JN	17	10	13	30					15	18	14	09	12	23	07	16	09	17	11	15	11	15	16	09
JN	18	07	14	24	14	31	11	34	08	25	11	32	12	23	13	25								
JN	19	04	13	16	13	26	12	17	13	18	14	11	12	22	10	25	10	35	09	44	12	25	16	23
JN	19	08	15	18	13	05	10	06	11	14	15	18	11	27	11	26								
JN	20	08	16	17	18	17	23	06	27	09	27	12	25	19	24	23	25	25	26	30	25	38	25	39
JN	21	07	00	00	32	02	09	06	18	08	20	17	23	38	23	69								
JN	22	07	00	00	00	00	27	02	27	14	26	24	26	29	28	30	28	29	26	3	26	47	26	58
JN	23	04	23	04					32	03	29	09	26	30	28	23	27	31	26	35	25	50		
JN	25	06	13	28	13	35	11	28	11	19	09	01	13	18	13	18	16	23	19	31	18	26	27	16
JN	26	04	13	25	12	22	10	12	16	08	25	06	25	10	25	14	26	18	27	22	29	30	29	30
JN	26	08	14	25	13	25	07	06	16	07	24	04	23	10	25	15	26	17	28	14	29	24	28	30
JN	27	05	15	19	14	12	10	12	08	13	36	04	31	07	33	13	29	47	26	80				
JN	27	09	13	29	10	24	09	24																
JN	29	04	15	24	13	16	15	07	07	07	27	01	27	15	27	08	30	10	32	06	29	24	29	32
JN	29	09	15	21	11	08	16	06	15	01	16	02	30	04	25	10								
JN	30	05	14	22			08	18	20	05	28	10	28	12	31	13	29	26	28	29	28	19	29	31
JL	01	04	14	21	12	15	34	07	20	06	18	07	22	17	24	17	25	24	27	26	27	25	27	25
JL	01	08	14	14	11	06	28	03	24	05	24	09	23	19	25	22	25	26	26	25	26	28	27	26
JL	02	06	14	37	12	32	10	17	06	06	13	04			25	07	24	10	21	12	19	19	22	26
JL	03	05	17	04	25	04	18	10			17	15	17	50	19	69								
JL	03	09	00	00	26	09	16	04	14	22	17	27	18	38	19	53	20	62	21	82	21	84		
JL	04	04	00	00	36	04			16	15	15	14	22	17	24	30	25	42	26	48	27	64		
JL	04	08	00	00	09	04	13	11	11	06	30	06	27	13										
JL	05	04	10	19	10	07	11	08	11	10	07	12			05	25	31	35	30	46	29	60		

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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
JL	05	09	08	26	08	23																		
JL	06	05	13	23	12	29	10	32	10	33	15	20	05	09	08	04	08	23	10	35	09	18	33	15
JL	06	10	13	26	12	18	09	32	11	28														
JL	07	12	15	31	13	36	08	31	08	23	09	20	09	16	06	26	07	23	06	10	36	04	29	10
JL	08	04	14	22					06	17	07	14	04	19	01	17	35	23	35	27	30	08	26	11
JL	08	09	15	24	12	26	09	38																
JL	09	05	00	00			09	15	12	15	11	09	12	05	07	06	06	11	08	09	26	03	26	15
JL	09	09	20	08	17	07	12	09	13	03	18	06	15	03	34	04	03	11	04	11	27	04	27	13
JL	10	04	00	00	06	02	11	15	12	15	09	15	09	17	01	05	34	07	30	04	29	13	28	16
JL	10	10	00	00	10	07	12	12	13	16	11	14	06	08	07	07	01	07	27	07	28	10	29	18
JL	11	04	16	24	14	20	12	06	19	11	16	10	24	18	24	18	25	13	25	14	27	20	26	22
JL	11	09	21	17	15	09	15	08	23	12	23	14	23	14	25	22	24	17	25	17	25	19	26	26
JL	12	05	15	12			15	11	10	09	15	03	26	23	25	25	25	33						
JL	12	09	15	28	12	30	10	13	13	12	26	05	25	17	21	06	25	13	28	22	25	19		
JL	13	11	15	26	12	30	09	25	11	25	18	08	27	12	24	11	25	15	25	22	24	30	23	35
JL	14	04	16	24	18	05	25	06	21	05	23	16	20	25	23	27	23	65						
JL	14	09	00	00	08	03	11	08	24	07	19	10	25	17	24	41	24	68						
JL	15	05	25	16	18	07	13	14	13	15	19	14	20	13	21	22	23	35	23	54	23	52	23	61
JL	15	10	00	00	00	00	12	18	15	09	20	20	23	15	22	18	23	38	23	55	24	53	24	60
JL	16	04	16	24	11	08	10	02	23	03	21	08	23	24	25	35	25	53	25	65	26	58		
JL	16	09	12	24	13	18	07	08	17	12	19	14	25	28	24	28	24	63						
JL	17	04	00	00	16	04			15	07	20	10	21	16	24	28	25	30	26	46	26	35	26	52
JL	17	09	00	00	24	02	08	05	23	06	22	10	23	21	24	32	24	32	25	34	25	31	24	35
JL	18	05	25	22	21	35	17	33	12	25	12	25	16	20	19	24	20	34	21	80	21	81		
JL	19	11	16	31	14	40	01	11	04	11	14	06	18	10	14	23	11	26	22	24	25	26	23	30
JL	20	05	12	19	15	27													22	12	23	24	24	34
JL	20	09	11	14	09	15	11	28	10	29	11	22	13	11	18	13	20	22	23	24	25	51	23	35
JL	21	05	17	28	13	28	09	16	13	12	15	22	17	14	21	33	21	41	21	46	21	70		
JL	21	09	15	21	14	10	12	14	13	15	27	03	21	20	21	29	21	36						
JL	22	06	13	23	13	36	10	27	12	13	19	12	12	16	13	21	12	22	11	24	15	23	17	17
JL	22	10	14	20	14	16	10	17	14	16	11	15	14	17	13	28	13	21	13	22	15	28	15	25
JL	23	07	14	48	16	67	06	12	07	14														
JL	23	10	21	28	21	32	16	27	14	34	15	20	15	30	19	32	19	45	21	22	22	38		
JL	24	05	12	17	12	25	12	26	13	30	14	26	18	30	21	31	20	41	20	32	23	25	22	33
JL	24	10	15	31	14	34	12	30																
JL	25	10	12	40	13	58																		
JL	25	12	13	38											11	20	12	15	13	09	14	04	21	15
JL	26	06	13	33	14	53	12	53	11	55									17	14	22	15	21	15
JL	26	09	12	38	13	49	10	40	09	39														
JL	27	05	15	22	13	23	18	04	14	08	10	18	07	14	06	05	12	06	22	17	23	20	24	23
JL	27	10	13	25	12	24	07	07	13	14	12	20	08	12	10	06	09	10	24	10	23	31	23	33
JL	28	05	12	33	11	38	10	45	09	34	10	26	10	23	08	13	14	14	22	30	22	32	23	29
JL	28	09	12	40	12	32	09	19																
JL	29	04	12	26	12	34	10	28	09	18	12	15	17	20	10	15	10	18	13	16	16	37	19	30
JL	29	10	14	25	14	43	10	21	08	17	10	19												
JL	30	04	15	25	15	31	12	22	12	10	13	15	14	06	24	08	10	02	17	10	18	18	23	18
JL	30	10	12	22	12	24	09	11	15	10	12	08	08	05	26	05	23	04	18	14	21	14	26	18
JL	31	04	12	25	12	32	10	21	12	28	12	20	10	25	07	20	09	27	21	14	19	23	22	31
JL	31	10	12	38	11	27	09	22	10	23	09	25	08	27	07	22								
AUG	01	04	12	21	11	26	09	19	11	26	13	23	09	32	09	21	11	12	12	26	12	39	11	13
AUG	01	10	00	00	24	03	09	14	12	20	09	19	09	18	10	09	11	09	12	21	13	32	12	14
AUG	02	05	14	20	12	08	08	12	13	09	18	08	26	13	26	13	25	07	31	07	21	01	29	09
AUG	02	11	12	20	12	17	09	11	13	15	19	02												
AUG	03	04	14	14	15	01	14	09	10	05	06	03			28	15	30	28	29	45				
AUG	03	09	12	17	11	16	10	17	15	16	26	01	34	03	29	11	31	28	31	42				
AUG	04	05	12	14	10	20	09	13	10	22	10	12	04	08	02	13	36	22	36	48	36	67		
AUG	04	10	12	17	10	28	08	06	12	10	03	09	36	07										
AUG	05	04	14	12	11	11	09	11	12	19	21	10	22	05	33	07	02	21	01	41	01	55	01	42
AUG	05	10	14	15	13	10	11	06	13	15	20	05	24	08	25	04	34	09	36	24	01	43	01	50
AUG	06	04	17	09	00	00	13	02	22	04	24	08	28	21	32	23	34	29	01	45				
AUG	06	10	15	14	17	04	13	03	27	07	31	10	33	17	34	22	36	36	01	49	01	56		
AUG	07	04	13	29	11	26	09	18	17	10	20	08	24	05	28	12	29	08	36	13	01	16	36	11
AUG	07	10	13	25	12	32	12	12	18	09	22	07	27	05	34	06	34	11	35	17	36	09	32	10
AUG	08	04	13	19	13	24	10	18	13	16	13	16	26	03	18	10	14	15	22	06	22	10	26	13
AUG	08	10	12	16	12	38	11	08	11	14														
AUG	09	04	19	17	19	20	16	18	13	12	32	06	20	07	20	06	14	04	18	02	26	06	30	11
AUG	09	10	15	28	15	21	17	07	22	12	24	16	21	13	23	08	15	02	22	00	28	07	30	08
AUG	10	04	15	26	13	35	09	15	10	09	14	11	21	09	25	18	25	20	25	23	26	23	29	16
AUG	10	10	15	30	15	22	12	05	19	04	24	08	25	26	26	24	25	28	28	28	28	36	28	23
AUG	11	05	00	00	07	11	09	05	19	07	29	20	32	23	31	30	32	31	32	28	31	12	30	24
AUG	11	10	00	00	08	05	12	04	27	17	28	16	28	28	28	29	29	32	28	40	29	18	29	28
AUG	12	06	13	15	12	04	25	04	27	15	28	29	26	37	26	39	26	55	26	57	26	53	27	46
AUG	12	11	00	00	36	01	13	08	25	11	25	22	26	31	26	41	26	60	25	64	26	65		
AUG	13	04	00	00	09	02	15	11	20	09	22	16	23	43	23	43	24	67						
AUG	13	10	00	00	00	00	12	04	21	08	22	14	22	34	23	38	24	47	24	52	25	63	24	71
AUG	14	05	18	10	18	03	13	05	11	10	15	11	24	11	26	21	25	16	26	28	26	24	27	25
AUG	14	11	00	00	00	00	09	03	13	15	22	07	24	15	25	20	25	24	26	26	26	24	26	23
AUG	15	04	12	32	12	28							26	18	28	18	27	22	28	39	28	38	28	33

Results of Upper Wind Observations,
MAWSON 1956

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
AB	15	10	12	27	11	24	08	10	20	04	28	11	29	21	29	22	30	30	29	34	29	40	28	34
AB	16	04	15	19	10	15	09	08	10	06	26	12	27	18	27	25	27	33	27	31	27	26		
AB	16	10	15	23	13	25	06	12	16	09	24	17	25	15	26	24	26	21	27	20	28	27	27	33
AB	17	04	14	05	05	04			25	06	27	12	30	13	28	22	29	25	28	31	29	33	27	42
AB	17	10	00	00	22	02	26	08	27	13	28	12	27	16	27	25	27	28	28	30	27	34	27	38
AB	18	05	14	30	14	18	12	06	16	06	22	28	22	39	23	70								
AB	18	10	20	05	23	05	19	05	22	17	24	31	23	46	24	63								
AB	19	05	13	25	11	31	08	33	04	22	03	22	02	24	33	23	32	25	34	43	31	42	30	52
AB	20	04	00	00	34	03	17	13	11	09	23	15	26	15	26	28	26	45	26	62				
AB	20	10	00	00	15	02	18	05	13	02	26	09	27	16	27	31	28	36	29	41	28	69	28	80
AB	25	05	13	29	13	40	09	23	12	14	17	15	17	24	17	17	20	13	21	21				
AB	25	11	15	33	15	38	13	12	07	03	10	01	19	16	22	19	21	28	25	12	29	11	30	12
AB	26	04	14	25	13	30	10	30	10	30	12	26	13	07	31	05	29	12	25	32	26	37	28	32
AB	26	10	13	36	11	29	08	18	10	14														
AB	27	04	12	32	12	46	09	32	10	29	13	18	11	25										
AB	27	10	13	25	13	36	11	43																
AB	28	04	14	12	13	18	09	10	11	07	19	09	14	09	22	06	20	02	32	03	01	03	30	10
AB	28	10	13	17	13	18	08	04	12	04	22	08	25	13	24	09	27	03	26	04	06	02	34	06
AB	29	07	13	12	12	11	09	04	18	03	26	04	26	21	27	18	28	13	31	09	30	02	29	19
AB	29	10	12	24	11	22	06	08	12	05	26	09	28	26	27	36	28	26	29	16	35	09	30	10
AB	30	04	12	25	12	24	11	22	19	10	28	09	25	16	26	21	25	11	23	12	23	19	25	22
AB	30	10	14	07	11	10	09	09	16	09	24	07	26	18	27	23	27	17	21	15	20	22	23	24
AB	31	04	13	20	08	11	07	05			11	03	33	08	03	09	09	12	09	16	05	14	32	16
AB	31	11	00	00	08	06	09	07	12	17	08	03	02	05	02	07	06	08	09	20	10	26	35	08

Results of Upper Wind Observations,
MAWSON 1956

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	04	11	25	11	27	09	23	10	20	09	15	08	20	02	15	02	24	01	35	01	20	36	25
JAN	01	11	12	21	11	39	08	29																
JAN	03	09	09	25									09	32	08	30	05	24	05	22	06	30	03	17
JAN	03	12	10	21	11	32	09	30																
JAN	04	05	12	25	10	20	06	11	06	11	10	10	07	10	06	12	02	24	02	35	01	32	34	21
JAN	04	10	13	17	12	23	09	13	08	11														
JAN	05	04	11	09	09	14	08	06	03	10	04	10	07	11	04	17	02	24	02	26	32	11	33	17
JAN	05	11	11	12	06	11																		
JAN	08	11	13	44	13	58																		
JAN	09	04	15	15	14	13	10	07	15	07	19	14	15	11	18	16	15	22	14	19	16	25	19	21
JAN	09	14	00	00	00	00	08	01	14	09	17	08	20	10	23	12	25	19	25	16	21	15	23	33
JAN	10	04	11	18	12	23	10	20	12	23	15	23	15	13	17	18	18	28	19	36	23	34	23	40
JAN	10	14	13	09	09	06	11	12	13	26	14	22	13	15	15	16	16	22	17	22	17	12	24	18
JAN	11	04	00	00	00	00	12	26	12	24	13	29	15	40	14	22	16	25	16	35	17	23	22	25
JAN	11	14	00	00	14	02	11	03	13	15	17	19	18	13	21	11	20	19	20	24	20	27	22	35
JAN	12	06	10	13	11	15	11	25	11	29	13	22	15	16	24	07	29	09	26	16	24	29	24	34
JAN	12	14	11	22	13	30	11	25	10	18	17	13	15	20	20	15	17	15	21	16	22	27	24	31
JAN	13	04	12	26					11	20	14	10	16	04	22	10	20	06	25	12	26	37	26	34
JAN	13	14	11	26	10	09	07	10	06	08														
JAN	14	05	12	29	10	35	11	08	09	08	05	11	04	13	33	16	29	30	29	40	29	49		
JAN	14	14	12	25	12	13	12	04	06	06	36	02	29	20	30	16	30	26	30	39	30	39		
JAN	15	05	13	15	14	19	08	09	10	08	07	06	32	02	31	18	30	26	30	34	31	31	30	42
JAN	15	14	11	08	07	06	25	02	28	07	24	06	25	09	31	18	32	21	31	24	31	26	30	28
JAN	16	04	13	11	13	08	32	03	28	17	29	23	28	20	26	14	27	20	27	24	28	24	28	32
JAN	16	14	00	00	08	02	17	05	27	07	27	10	26	14	24	20	24	31	25	33	25	42	25	40
JAN	17	04	15	04	36	03	13	06	22	08	26	15	26	32	26	35	27	38	27	55	28	54	27	50
JAN	17	14	00	00	18	02	11	07	27	07	27	13	27	21	27	33	27	31	26	54	29	95	26	78
JAN	18	05	13	38					08	14	06	13	31	12	29	18	27	26	29	29	28	53	28	69
JAN	18	14	10	28	10	25	10	23																
JAN	19	07	15	32	16	36	12	10	13	02	22	04	18	20	18	23	20	14	25	21	25	25	26	40
JAN	19	14	26	11	27	03	26	19	25	21	23	21	25	27	25	25	26	33	25	47	25	56	25	61
JAN	20	04	00	00	06	01	08	03	33	08	34	15	28	24	28	60	28	87						
JAN	20	12	10	23	10	28	07	18																
JAN	21	12	27	05																			27	42
JAN	22	04	00	00	09	08	10	07	28	14	28	30	29	31	30	39								
JAN	23	11	13	36	12	41	10	22	11	15	15	09	22	08	25	17	26	10	25	15	28	30	28	49
JAN	24	04	14	05	00	00	08	14	36	08			23	12	27	12	29	11	31	19	29	25	28	32
JAN	24	14	00	00	15	04	26	03	25	06	24	08	24	09	24	12	25	12	26	18	26	26	26	34
JAN	25	06	09	05	00	00	06	07	16	09	20	15	23	21	23	23	23	24	24	45	24	46	24	73
JAN	25	15	13	15	14	10	15	05	18	03	21	21	24	36	24	45	25	67						
JAN	26	05	11	31	11	29	11	15	11	07	31	15	33	14	31	19	32	21	34	32	33	46	31	39
JAN	27	05	12	31	13	35	11	27	15	09	24	14	23	13	24	12	24	08	27	16	29	18	29	22
JAN	27	17	10	19	13	27	10	14	15	10	23	08	29	07	26	14	25	11	25	11	30	09	29	16
JAN	28	07	12	14	11	22	11	13	12	09	23	14	28	17	27	12	28	16	24	17	25	18	27	19
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JAN	30	04	13	17	13	19	12	07	15	06	16	09	25	12	27	19	28	19	27	34	27	33	27	38
JAN	30	15	11	20	11	21	12	10	10	07														
JAN	31	04	11	26	12	36	10	24	10	18	11	19	10	17	17	03	27	17	28	23	28	23	29	17
JAN	31	15	12	32	13	60	10	28																
FEB	01	09	11	37	12	41	10	50	08	11														
FEB	01	11	11	32									10	20	11	30	08	22	07	14	09	15	13	04
FEB	02	04	11	25	13	38	11	42	10	23	11	12	15	23	09	20	03	15	03	13	06	09	28	07
FEB	02	14	11	19	13	27	08	12	07	06	15	17	30	05	14	10	05	09	33	10	22	03	26	09
FEB	03	04	12	23	12	21	13	02	34	03	08	08	14	03	03	04	03	11	34	17	02	08	27	20
FEB	03	15	11	14	10	21	07	10	11	08	15	13												
FEB	04	04	14	14	13	18	09	06	15	06	24	10	18	06	22	05	22	12	23	14	24	20	26	18
FEB	04	14	00	00	24	05	13	02	14	10	23	07	23	10	24	13	25	26	25	38	25	48	25	26
FEB	05	04	14	11	14	21	11	09	13	04	17	04	23	13	25	17	25	27	25	43	25	27	27	18
FEB	05	14	12	11	10	17	08	14	13	08	27	09	26	14	26	19	27	25	28	31	28	36	29	29
FEB	06	04	14	12	13	25	09	08	08	06	24	08	27	14	28	12	25	16	27	19	31	24	30	20
FEB	06	15	12	12	10	08	14	02	18	06	22	09	28	17	29	18	30	22	30	21	29	21	28	23
FEB	07	04	00	00	12	01	15	09	17	05	25	12	26	16	26	22	25	25	25	33	25	35	25	39
FEB	07	14	00	00	19	02	17	05	23	08	25	11	25	20	25	39	24	62	24	89	24	01		
FEB	08	05	11	32	12	36	07	19	11	09	06	12	02	11	31	18	28	34	29	38	29	50	29	57
FEB	08	15	10	35	11	53	06	17																
FEB	09	04	10	25	11	42	08	36	09	16	09	14	06	20	33	24	33	30	32	40	31	53	31	53
FEB	09	15	10	34	10	36	10	47																
FEB	12	05	10	23	11	43	09	36	08	17	08	17	08	16	01	11	31	33	28	48	31	45	33	30
FEB	12	15	11	19	11	27	10	11	10	11														
FEB	13	04	11	23	13	32	11	23	12	11	15	07	19	12	20	10	18	08	25	11	27	19	30	23
FEB	13	15	12	16	13	19	08	13	12	19	16	20	14	30	14	19	18	26	19	31	22	32	22	35
FEB	14	04	00	00	18	03	09	20	10	20	13	20	15	31	14	30	15	28	17	39	22	16	20	33
FEB	14	15	00	00	14	01	13	06	13	18	18	10	17	18	22	13	20	28	21	28	24	28	21	37
FEB	15	04	11	22	12	28	08	33	10	38	14	22	19	09	24	28	25	33	25	35	25	32	24	23
FEB	15	15	10	07	10	07	10	17	11	25	14	27	13	08	18	12	24	27	25	38	26	39	25	34
FEB	16	04	12	24	12	35	09	15	09	15	13	10	14	08	24	07	25	26	24	58	25	57	25	60

Results of Upper Wind Observations,
MAWSON 1956

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	16	14	00	00	09	07	11	22	12	24	11	11												
NOV	17	04	12	20	11	34	08	24	11	22	11	15	09	12	32	04	32	08	31	19	31	26	31	21
NOV	17	14	06	04	09	10	08	24	09	32														
NOV	18	04	11	25	12	38	09	27	08	23	08	23	06	22	04	18	35	17	01	21	01	24	36	26
NOV	18	16	10	27	11	38	10	32																
NOV	19	04	12	29	12	36	10	32	09	25	11	15	10	21	10	28	10	38	10	40	09	34	04	12
NOV	19	14	12	27	13	33	11	46	09	21														
NOV	20	04	12	28	12	41	09	30	11	19	14	17	11	17	09	20	08	23	08	42	08	41	09	27
NOV	20	15	10	06	08	04	09	15	12	18	16	24	11	22	12	14	10	18	09	21	09	21	13	07
NOV	21	05	07	05	08	17	06	29	14	36	12	30	09	22	08	25	07	31	09	25	08	26	25	09
NOV	21	16	00	00	14	04	10	13	10	23	12	32	09	26										
NOV	22	04	11	27	12	35	10	43	10	36	10	30	10	22	08	32	09	30	07	50	07	47	36	16
NOV	22	15	11	29	11	40	08	30																
NOV	23	04	10	25	12	39	10	38	09	28	10	28	10	33	10	32	08	30	08	31	05	38	04	38
NOV	23	16	12	42	14	83																		
NOV	24	07	11	30	13	42	10	34																
NOV	24	15	12	31	13	35	10	45																
NOV	25	04	12	32	13	48	11	52	10	54	10	46	11	31	12	47	12	52	12	55	13	60	13	57
NOV	25	14	12	39	13	61	10	30	09	35	10	34	13	35	14	57	14	56	13	71				
NOV	26	07	12	32	13	37	12	54	09	30	11	13	09	16	10	17	11	30	14	40	14	45	13	36
NOV	26	14	13	35	13	53	11	31	11	05														
NOV	27	05	13	26	12	32	09	17	08	10	13	10	13	18	14	21	15	25	14	42	14	38	16	22
NOV	27	16	00	00	04	02	10	10	12	15	17	22	16	07	15	16	12	32	13	35	14	32	15	26
NOV	28	04	13	21	12	24	10	14	11	12	15	12	12	12	13	22	12	26	13	32	15	40	19	12
NOV	28	15	25	05	27	04	17	04	12	10	07	01	17	06	15	07	16	11	15	11	12	11	21	09
NOV	29	04	11	17	10	07	18	01	19	05	27	04	00	00	32	06	32	15	32	22	32	23	26	18
NOV	29	17	13	14	09	07	11	10	09	05	10	02	36	04	36	05	31	12	28	28	29	28	29	21
NOV	30	04	13	20	11	14	13	02	09	02	04	04	04	04	34	07	32	12	32	20	30	23	31	19
NOV	30	16	14	17	08	18	09	17	11	14														
DEC	01	04	07	11	06	09	10	12	09	16	13	18	10	15	06	13	02	22	04	33	01	20	35	19
DEC	01	15	08	01	09	01	10	05																
DEC	02	04	00	00	06	06	08	11	12	07	10	12	32	02	25	12	29	25	29	30	29	27	30	31
DEC	02	16	10	14	09	14	07	15	07	15	07	15												
DEC	03	04	11	36	11	41	08	43	06	27	05	17	06	18	03	25	36	27	34	45	33	70	33	48
DEC	03	15	12	33	11	34																		
DEC	04	05	12	19	12	21	09	10	11	20	13	17	10	15	08	09	36	17	34	31	34	39	34	40
DEC	04	14	13	20	14	28	11	27	13	10	13	16	10	17	03	09	36	13	36	18	35	21	32	30
DEC	05	04	12	25	12	34	09	25	09	18	13	15	09	13	06	09	04	17	02	28	02	23	36	15
DEC	05	16	12	26	11	31	09	23	10	28	10	29	08	27	08	32	08	40	06	42	07	52	08	46
DEC	06	04	11	31	11	37	10	40							08	42	07	43	08	37				
DEC	06	16	11	36	11	50	10	81	09	41														
DEC	07	04	12	31	13	58	09	42	09	41	10	38	09	34	09	33	07	26	08	24	09	24	08	20
DEC	07	14	11	25	12	34	09	37	09	34	10	33	09	30	08	25	06	22	07	18	08	19	04	16
DEC	08	04	10	25	11	34	10	40	09	33	10	25												
DEC	08	16	12	29	11	21	10	33	10	21														
DEC	09	04	12	31	12	41	09	37	09	37	10	35	11	18	08	27	07	10	05	17	01	26	02	23
DEC	09	15	13	27	12	35	09	29	09	31														
DEC	10	05	13	23	12	29	10	31	10	26	12	24	12	29	12	17	13	13	13	13	08	12	07	07
DEC	10	14	24	03	24	05	11	03	12	22	14	23	12	19	13	20	13	18	14	20	15	11	12	04
DEC	11	04	12	24	12	24	09	18	11	15	15	20	14	15	16	11	18	09	21	12	28	13	27	10
DEC	11	16	00	00	06	01	09	13	12	18	12	24	13	21	17	12	20	13	21	16	25	20	27	32
DEC	12	04	14	16	12	20	08	17	10	14	15	20	31	05	22	14	25	19	26	23	26	24	26	20
DEC	12	14	24	02	25	05	10	05	13	11	11	07	20	11	25	17	25	26	26	36	27	34	26	24
DEC	13	04	14	12	12	04	10	04	08	03	09	06	09	08	36	03	32	12	33	22	28	13	24	08
DEC	13	16	13	13	12	19	09	24	12	13	12	14	12	19	08	10	02	12						
DEC	14	04	14	20	16	36	14	18	14	19	15	17	05	09									05	04
DEC	14	20	13	17	12	23	10	10	09	13	14	20	12	10	05	18	04	21						
DEC	15	04	13	17	11	24	09	16	09	17	12	16	10	20	09	20	08	22	09	27	07	30	07	10
DEC	15	15	00	00	23	03	10	09	11	18	09	17	10	22	09	22	08	20	08	21	07	19	36	08
DEC	16	04	14	20	11	24	06	09	10	07	09	08	08	12	07	11	07	15	07	16	06	12	36	09
DEC	16	14	07	09	07	13	08	09	08	17														
DEC	17	04	12	19	10	26	09	21	09	13	09	14	10	16	06	11	02	08	04	14	04	16	01	13
DEC	17	15	24	01	15	02	10	26	10	28	11	28												
DEC	18	04	06	07	07	07	11	25	11	29	10	28	11	18	07	10	04	04	30	17	29	28	32	18
DEC	18	16	09	09	08	14	11	12	12	29	12	23	11	08	11	08	25	05	27	16	26	33	27	34
DEC	19	04	14	18	12	27	10	19	09	16	10	19	11	16	16	05	20	09	23	20	23	26	21	08
DEC	19	15	14	14	13	17	12	05	10	06	15	14	08	07	14	12	16	08	19	09	22	15	25	07
DEC	20	04	15	22	12	29	12	10	17	08	15	06	13	07	09	08	06	07	11	05	08	02	02	06
DEC	20	15	13	14	10	19	10	23	10	16	13	13	10	10	06	14	04	20	03	33				
DEC	21	04	11	10	10	23	10	25	10	16	10	19	09	16	07	17	06	21	03	32	01	50	03	15
DEC	21	16	11	08	08	14	10	21	10	33	11	25												
DEC	22	04	07	10	09	25	10	33	10	33	09	27	09	22	08	23	05	17	04	26	04	34	01	19
DEC	22	14	21	02	17	03	11	20	11	21	13	21	12	11	13	14	10	08	06	05	01	04	36	09
DEC	23	04	13	17	11	22	10	21	11	22	11	27	11	22	07	08	17	10	21	10	23	18	25	14
DEC	23	14	12	17	12	27	10	29	09	25	12	24	12	24	17	09	19	12	20	19	20	33	21	42
DEC	24	04	14	22	13	30	14	10	12	05	14	13	13	24	14	18	17	22	18	25	18	26	17	16
DEC	24	14	00	00	09	07	11	24	11	22	14	25	14	28	12	19	13	17	12	33	13	20	16	18
DEC	25	04	13	15	12	14	09	07	11	08	15	08	20	11	14	11	10	12	09	04	05	06	12	05

Results of Upper Wind Observations,
MAWSON 1956

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	16	00	00	00	00	09	11	11	20	15	11	15	06	18	07	18	09	17	0	18	06	17	09
DEC	26	05	13	13	11	16	23	02	16	07	14	13	15	07	18	13	21	20	21	31	21	27	22	11
DEC	26	15	00	00	14	05	16	21	15	16	17	09	19	25	20	21	18	21	20	29	20	25	21	24
DEC	27	05	13	26	12	31	08	07	10	06	13	11	16	17	18	16	20	19	21	31	21	26	21	11
DEC	27	15	10	02	10	17	09	25																
DEC	28	04	00	00	06	08			08	23	12	28	10	18	08	20	08	21	07	26	08	14	06	05
DEC	28	16	11	04	08	15	07	19	10	19														
DEC	29	04	10	07	09	18	10	11	11	17	10	13	09	12	06	15	05	20	03	26	04	21	02	13
DEC	30	04	00	00	33	02	08	06	12	08	11	10	18	07	07	07	06	13	05	24	02	11	31	07
DEC	30	16	00	00	00	00	12	03	14	06	11	10	22	07	25	05	33	13	31	07	26	13	26	22
DEC	31	04	00	00	01	01											28	23	27	46	27	56	27	57
DEC	31	15	07	02	17	03																		

Results of Upper Wind Observations,
MAWSON 1956

MONTH	DAY	HOUR	40,000 FEET		45,000 FEET		50,000 FEET		55,000 FEET		60,000 FEET		65,000 FEET		70,000 FEET		75,000 FEET		80,000 FEET		85,000 FEET		90,000 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	05	13	20	03	17	06	05																
JAN	01	10	21	13	18	08	19	04	13	05														
JAN	02	05	21	03	27	02	18	03	03	03	05	05												
JAN	02	10	25	07	27	07	27	03																
JAN	03	05	21	06	25	05	18	06	18	01														
JAN	04	05	22	44	20	22	21	32	07	11	17	17												
JAN	09	05	06	14	06	13	08	12	06	09	09	12												
JAN	16	05	23	02	21	07	18	03	18	05	15	10												
JAN	16	10	22	04	19	06	19	05	17	04														
JAN	17	10	23	19	23	15	23	18	25	17	15	09												
JAN	18	05	27	18	24	07	26	09	22	04	09	04												
JAN	19	05	28	15	26	11																		
JAN	20	05	27	22	28	22	26	11	29	10	27	06												
JAN	23	05	04	10	03	05	18	01	09	06	08	06												
JAN	24	05	35	06	36	02																		
JAN	24	10	07	07	30	04	30	03	07	03	36	03												
JAN	25	05	30	04	14	03	21	03	10	02														
JAN	25	11	18	01	26	03	25	05	26	03	20	03												
JAN	26	05	12	02	21	04	13	03	08	02	36	01												
JAN	26	11	22	05	18	07	22	06	21	04	22	04												
JAN	27	05	28	09	25	08	22	06	21	05	32	05												
JAN	27	10	28	16	26	14	26	11	26	08														
JAN	28	05	26	17	27	18	28	12	26	12	27	05												
JAN	29	05	25	22	25	20	26	15	24	10	27	03												
JAN	29	10	23	30	24	25	25	25	25	13	29	11												
JAN	30	05	24	30																				
JAN	30	10	24	39																				
FEB	01	05	28	17																				
FEB	01	10	28	16	26	21	25	18	27	14	27	14												
FEB	02	05	26	13	28	16	25	13	23	18														
FEB	02	10	25	18	26	12	27	15	27	15	25	12												
FEB	03	05	26	28	27	24	27	19	28	15	28	13												
FEB	11	05	21	11	27	10	25	06	29	05	25	04												
FEB	14	11	36	12	32	13	29	03	32	13	06	13												
FEB	16	06	33	08	12	05	03	05																
FEB	17	05	22	03	14	02	25	03	34	03	24	11												
FEB	17	10	22	13	25	02	31	06																
FEB	18	04	25	14	26	10	21	05	24	07	24	04												
FEB	18	10	25	16	24	15	25	11	24	04	22	06												
FEB	27	05	06	06	12	04	03	05	08	05	33	09												
FEB	27	10	07	03	10	07	32	10	15	04	29	02												
FEB	28	05	18	04	18	02	04	01	09	05														
FEB	28	10	22	11	21	05	00	00	30	04														
MAR	01	05	24	39	24	21	25	20	25	07	26	15												
MAR	03	10	29	16	28	16	29	23	27	17	27	16												
MAR	04	05	25	07	28	21	27	25	30	24														
MAR	04	11	30	26	29	28	28	30	29	24	27	20												
MAR	05	07	31	25	32	30	31	25	31	32	29	32												
MAR	05	11	31	28	31	25	32	25	30	25														
MAR	06	05	31	18	31	18	31	20	32	16	30	28												
MAR	06	10	30	18	30	22																		
MAR	07	05	28	20	30	25	29	23	31	16	31	22												
MAR	07	10	28	19	29	22	29	19	31	23														
MAR	08	05	30	19	29	16	30	20	30	22	31	20												
MAR	08	10	28	25	29	23	28	25	28	21	29	27												
MAR	09	05	28	25	27	21	29	20	30	20	29	18												
MAR	09	11	28	29	28	24																		
MAR	11	11	26	54	26	54	26	49																
MAR	12	05	29	40	28	32	29	34	27	23	29	23												
MAR	13	05	27	22	27	19	28	20	28	20	29	18												
MAR	13	10	30	31	29	23	28	27																
MAR	15	05	31	15	31	15	32	12	31	24	31	14												
MAR	15	10	31	14	31	16	30	16	29	16	29	11												
MAR	19	05	27	17	26	19	25	16	25	21	25	19												
MAR	19	10	26	21	26	20	26	21	26	20														
MAR	20	05	26	24	24	22	27	25	26	20	27	24												
MAR	20	10	26	27	27	27	27	31																
MAR	21	05	30	28	29	27	28	20	29	22	29	19												
MAR	22	05	28	26	28	18	29	25	29	23	28	22												
MAR	23	10	28	32	28	29	28	28	27	26	28	23												
MAR	24	04	25	38	26	44	28	28	26	34	27	32												
MAR	26	05	29	40	29	33	29	39	29	40	29	38												
MAR	26	10	28	27	29	35	30	36	29	42	28	40												
MAR	27	05	26	21	27	20	28	27	28	29	28	30												
MAR	27	11	27	26	25	23	26	23	26	28	26	29												
MAR	28	05	24	35	24	40	25	40	24	26	26	45												
MAR	28	11	25	59	24	39	26	45	25	30	26	39												

Results of Upper Wind Observations,
MAWSON 1956

MONTH	DAY	HOUR	40,000 FEET		45,000 FEET		50,000 FEET		55,000 FEET		60,000 FEET		65,000 FEET		70,000 FEET		75,000 FEET		80,000 FEET		85,000 FEET		90,000 FEET	
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt
[illegible]	04	05	28	38	28	38	29	40	29	51	28	45												
[illegible]	06	05	28	25	28	27	28	24	29	39	28	35												
[illegible]	06	11	27	33	28	33	28	29																
[illegible]	07	04	26	53	26	50	27	50	27	52	27	38												
[illegible]	15	05	33	07	30	07	25	15	28	13	29	23												
[illegible]	15	10	29	08	26	10	30	11	29	22	30	23												
[illegible]	18	05	33	14	33	16	32	15	31	23	31	26												
[illegible]	18	10	31	12	31	16																		
[illegible]	20	04	29	27	28	35	28	38	27	44	28	45												
[illegible]	20	10	28	31	28	39	28	38	28	45														
[illegible]	21	04	29	40	29	38	28	51																
[illegible]	21	10	28	32	29	42	29	51																
[illegible]	29	10	26	39	26	35	27	43																
[illegible]	30	04	26	48	26	41	26	53	27	62	28	44												
MAY	03	05	24	17	30	20	30	27	29	30	30	36												
MAY	03	10	25	17	28	19	28	24																
MAY	04	05	26	29	28	30	28	30	26	33														
MAY	04	10	26	25	28	25	29	35																
MAY	05	05	27	19	30	21	29	30	30	30	29	38												
MAY	05	11	28	20	28	20																		
MAY	05	05	28	11	28	13	31	12	28	28														
MAY	06	09	26	15	28	14	30	18	28	32														
MAY	08	06	25	28	27	24	27	28																
MAY	08	09	28	25	28	30	28	36	29	46	29	49												
MAY	09	05	31	24	31	34	31	38	31	40														
MAY	16	05	32	26	32	30	32	51	31	53														
MAY	17	04	30	26	29	36	30	42	29	48														
MAY	17	09	30	17	28	44	28	55																
MAY	18	07	28	26	28	35	28	40	28	51														
MAY	18	10	26	23	28	33	28	35																
MAY	19	05	28	33	27	39	29	46	27	55	29	64												
MAY	19	10	27	36	28	38	28	50																
MAY	20	10	29	32	29	36																		
MAY	21	05	27	50	27	38	28	57	29	43	29	70												
MAY	23	15	27	22	27	36	27	40																
MAY	24	05	28	41	28	45	28	58	28	74														
MAY	25	05	31	18	29	22	29	39	28	42														
MAY	26	06	24	30	25	40	25	40	25	61														
MAY	27	06	27	35	28	61	26	37	27	33														
MAY	27	09	28	40	28	45																		
MAY	28	05	29	40																				
MAY	29	05	29	27	29	41	29	42	30	60														
MAY	30	05	29	30	29	33	28	45																
JUN	01	05	31	15	29	28																		
JUN	02	05	30	25	30	32	30	23																
JUN	03	04	31	16	31	26																		
JUN	04	05	26	18	27	25	28	37	29	38														
JUN	05	08	27	45	27	45	27	55	26	45	27	75												
JUN	09	09	29	30	30	38	30	48	30	62														
JUN	10	05	31	20	28	31	28	37																
JUN	14	10	01	13	34	13	34	20																
JUN	16	05	02	06	34	15	35	12																
JUN	17	10	20	10	21	10	22	25																
JUN	18	07	20	24	20	39	23	30																
JUN	19	04	20	27	23	42	25	50	25	59														
JUN	20	08	25	45	27	54	26	60	27	60	27	75												
JUN	22	07	27	52	27	52	27	71																
JUN	25	06	27	29	28	38	28	38																
JUN	26	04	30	38	29	34																		
JUN	26	08	29	35	28	41	29	59	28	88														
JUN	29	04	30	36	30	46																		
JUN	30	05	28	37																				
JUL	01	04	26	28	27	34	28	41																
JUL	01	08	27	27	27	32																		
JUL	02	06	22	38	23	32	24	45																
JUL	06	05	32	14	29	25																		
JUL	07	12	26	17	27	22																		
JUL	08	04	26	25	28	27																		
JUL	09	05	28	17	28	28																		
JUL	09	09	28	22	27	27	28	25																
JUL	10	04	27	23	26	25																		
JUL	10	10	26	21	27	25	27	31																
JUL	11	04	26	25	26	32	27	33																
JUL	11	09	26	26	25	32																		

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		65,000 FEET		70,000 FEET		75,000 FEET		80,000 FEET		85,000 FEET		90,000 FEET	
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt
JL	13	11	23	34																				
JL	15	10	24	64																				
JL	17	09	25	36	26	47	27	55																
JL	19	11	26	36	26	40	26	49																
JL	20	05	26	26	27	27	27	38	28	40														
JL	20	09	24	49	26	34	26	32																
JL	22	06	17	20																				
JL	22	10	15	27																				
JL	24	05	24	48																				
JL	25	12	24	17	26	32																		
JL	26	06	24	17	25	32	27	32																
JL	27	05	25	27	25	35	26	37	26	52														
JL	27	10	25	35	25	35	26	47																
JL	28	05	26	23	27	32	28	38																
JL	29	04	22	16	26	17	26	26																
JL	30	04	26	25	27	33	27	46	27	59														
JL	30	10	27	32	27	34																		
JL	31	04	26	26	29	36																		
AG	01	04	27	12	28	21																		
AG	01	10	24	09																				
AG	02	05	29	20	30	32	28	41	28	53														
AG	05	04	36	33	36	30																		
AG	05	10	01	45	35	30	36	24	33	25														
AG	07	04	31	17	30	23																		
AG	07	10	33	09	30	19	30	35	31	40	32	46												
AG	08	04	29	15	29	14	31	16	29	40														
AG	09	04	31	11	29	18	31	25	30	38														
AG	09	10	30	10	29	16																		
AG	10	04	30	17	30	19	30	32	29	31														
AG	10	10	29	26	30	24																		
AG	11	05	29	26	28	47																		
AG	11	10	28	28																				
AG	12	06	28	27	28	47	28	48																
AG	13	10	24	52	26	46	26	64																
AG	14	05	27	26	27	44																		
AG	14	11	26	31																				
AG	15	04	28	35																				
AG	15	10	28	33	28	43	28	48																
AG	16	10	27	33	28	37																		
AG	17	10	27	41	27	44	27	55																
AG	20	10	28	74																				
AG	25	11	32	08	30	18	30	18																
AG	26	04	29	31	29	40	29	60	29	59	29	73												
AG	28	04	28	21	28	33	28	56	28	55														
AG	28	10	28	15	28	25	27	38																
AG	29	07	28	24	27	38																		
AG	29	10	28	21																				
AG	30	04	26	25	27	48	27	49																
AG	30	10	25	31	27	41	28	55																
AG	31	04	30	36	30	45	29	60	29	73														
AG	31	11	32	13																				
SP	01	04	25	23	25	32	26	47	26	62														
SP	01	11	23	25	24	38	25	39																
SP	02	04	26	46	26	52	26	60	26	75														
SP	02	10	27	41	27	42																		
SP	04	05	18	16	15	17	21	20	23	17														
SP	06	06	18	27	19	40	21	43	21	48														
SP	06	12	19	39																				
SP	07	12	21	37	24	58	24	62	24	76														
SP	08	06	24	29	23	56																		
SP	08	11	22	48	22	54	24	70																
SP	09	06	26	33	24	48	26	69	28	82														
SP	10	05	25	36	28	39	29	48	29	57														
SP	11	04	28	29	29	33	30	46	30	55														
SP	11	10	27	27	29	30	30	37																
SP	15	04	29	47	30	72																		
SP	15	10	30	45																				
SP	16	04	31	43																				
SP	16	10	31	37	31	49	31	59																
SP	17	04	31	25	30	38	31	51																
SP	17	12	30	23	31	30	32	41																
SP	18	10	33	33	32	32																		
SP	19	04	32	21	32	30	30	33																
SP	20	04	25	36	25	35	26	37	26	40														
SP	20	11	25	46	25	48	26	47	26	45														
SP	22	05	25	35	24	37	24	53	24	54														

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MONTH	DAY	HOUR	40,000 FEET		45,000 FEET		50,000 FEET		55,000 FEET		60,000 FEET		65,000 FEET		70,000 FEET		75,000 FEET		80,000 FEET		85,000 FEET		90,000 FEET	
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt
SEP	23	04	26	35																				
SEP	25	04	27	34	27	39	27	46																
SEP	25	11	27	28	27	30	27	40																
SEP	26	04	27	10	29	18	29	20	27	30														
SEP	26	10	28	09	28	15	26	18																
SEP	27	05	25	42	26	39	24	39	25	42														
SEP	29	04	30	32	29	32	29	32	28	32														
OCT	01	04	33	20	28	27	28	36	28	45														
OCT	03	09	35	15	30	21	32	31																
OCT	04	05	34	18	31	18	31	42	30	50														
OCT	05	04	32	23	33	31	31	39																
OCT	09	04	23	44	23	52	24	69	24	78														
OCT	09	14	22	52	23	65																		
OCT	10	04	26	48	25	77																		
OCT	10	14	26	39	26	51	26	71	26	85														
OCT	11	04	25	36	26	52	26	72	27	90	27	09												
OCT	11	14	23	47	23	67																		
OCT	12	06	25	49	26	58	27	74	27	86	27	89												
OCT	12	14	25	52	25	54	26	67																
OCT	13	04	26	50	27	62	27	65																
OCT	15	14	30	32	30	35	31	46																
OCT	16	04	29	34	29	43	29	70																
OCT	16	14	26	46	27	44	28	41	28	55														
OCT	17	04	27	55	27	49	28	66	28	84														
OCT	17	14	76	04																				
OCT	19	07	27	47	27	84																		
OCT	19	14	26	68	26	76	27	78																
OCT	21	12	27	42	27	67	28	73																
OCT	23	11	29	77	29	85																		
OCT	24	04	28	42	28	51	27	64	27	55														
OCT	24	14	26	46	27	48	27	53																
OCT	25	06	25	65																				
OCT	26	05	31	50																				
OCT	27	05	30	33	29	45	29	48	30	62														
OCT	27	17	29	25	30	35	30	46																
OCT	28	07	27	27	29	26	29	30	29	46	30	54												
OCT	28	14	28	23	29	30	30	30	29	35														
OCT	29	04	28	33	28	35	29	37	28	33	28	45												
OCT	29	14	28	30	27	37	27	39																
OCT	30	04	27	39	28	41	28	45	27	52														
OCT	31	04	30	14	30	20	30	27	30	32	31	30												
NOV	01	11	23	05	23	17	27	15	26	21														
NOV	02	04	23	09	24	20	24	23	25	28	26	28												
NOV	02	14	24	19	24	26																		
NOV	03	04	25	29	26	37	26	45	26	48														
NOV	04	04	28	18	29	20	30	38	30	43	29	46												
NOV	04	14	26	21	28	16	30	22	30	29	31	38												
NOV	05	04	29	13	30	17	31	25																
NOV	05	14	30	23	29	18	30	25																
NOV	06	04	31	22	30	23	31	27	31	32	32	31												
NOV	06	15	27	24	28	20																		
NOV	07	04	25	38	26	36	27	32	27	30	29	27												
NOV	12	05	36	27	34	31	35	35	34	41														
NOV	13	04	31	17	34	12	35	18	35	25	35	30												
NOV	13	15	24	19	27	08	34	09	36	10	36	28												
NOV	14	04	24	10	28	04	02	06	36	17	36	12												
NOV	14	15	22	14	25	08																		
NOV	15	04	27	11	33	03	36	06	01	12	02	19												
NOV	15	15	26	26	25	21	26	13	30	08	00	00												
NOV	16	04	25	40	24	20	28	09	26	10	29	08												
NOV	17	04	28	14	29	17	25	19	24	29	24	17												
NOV	18	04	34	16	34	18	33	18	33	22														
NOV	19	04	04	10	32	13	35	18	36	16														
NOV	20	04	16	08	25	16	26	13	28	08														
NOV	20	15	24	12	24	21	24	22																
NOV	21	05	25	28	26	37	26	37	27	25	29	20												
NOV	22	04	01	20	35	22	33	21	33	20	32	16												
NOV	25	04	07	05	06	13	34	31	36	18	36	29												
NOV	26	07	13	19																				
NOV	27	05	27	05																				
NOV	27	16	15	11	29	06	32	15	34	25	34	33												
NOV	28	04	30	08	31	13	34	20	34	20	34	29												
NOV	28	15	24	17	26	18	29	13	32	16														
NOV	29	04	25	23	26	26	28	21	31	17	32	18												
NOV	29	17	30	29	30	27	29	34	30	27	30	22												
NOV	30	04	31	24	30	36	31	35	32	28	31	19												

Results of Upper Wind Observations,
MAWSON 1956

MONTH	DAY	HOUR	40,000 FEET		45,000 FEET		50,000 FEET		55,000 FEET		60,000 FEET		65,000 FEET		70,000 FEET		75,000 FEET		80,000 FEET		85,000 FEET		90,000 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	01	04	34	18	33	19	34	16	34	26	33	15												
DEC	02	04	29	29	30	27	31	23	33	20	32	24												
DEC	03	04	33	29																				
DEC	04	05	32	27	33	25	33	18	32	14	33	12												
DEC	04	14	32	18	33	20	35	20																
DEC	05	04	33	15	34	23	33	25	33	13	33	19												
DEC	07	04	34	07	32	10	30	10	28	10														
DEC	07	14	33	19	31	16	30	13	31	13	28	09												
DEC	08	04	04	17	34	15	31	14	33	13	35	10												
DEC	09	04	02	13	04	11	02	08	35	10	36	07												
DEC	10	05	06	05	03	06	09	05	01	03	20	02												
DEC	11	04	26	07	23	02	25	03	27	03	30	05												
DEC	11	16	27	28	26	12	30	07	24	08	29	07												
DEC	12	04	26	17	26	09	26	08	18	02	21	03												
DEC	12	14	25	15	24	14	25	12	24	08														
DEC	13	04	24	10	22	14	24	12	20	06	25	08												
DEC	14	04	17	03	15	08	21	06	19	05	10	02												
DEC	15	04	35	08	02	08	34	05	33	02	05	04												
DEC	15	15	36	05	36	08	32	07																
DEC	16	04	34	10	35	13	35	09	02	06	36	08												
DEC	17	04	36	12	36	14	36	08	36	14	02	11												
DEC	18	04	36	07	03	06	02	06	05	08	05	11												
DEC	18	16	28	07	36	04	01	03	01	05	34	06												
DEC	19	04	30	03	10	04	02	05	09	05	06	11												
DEC	19	15	19	06	02	04	35	01																
DEC	20	04	03	07	01	05	02	11	04	07	07	11												
DEC	21	04	01	10	02	12																		
DEC	22	04	04	15	04	15	04	09	04	17	04	12												
DEC	22	14	02	11	03	15	04	12	06	14														
DEC	23	04	01	07	05	14	04	09	06	12	06	12												
DEC	23	14	20	14	20	03	08	08	07	08	07	08												
DEC	24	04	14	09	09	12	05	06	08	11	08	09												
DEC	24	14	14	08	11	08	09	02	06	08														
DEC	25	04	11	02	10	08	07	09	07	12	06	11												
DEC	25	16	18	10	17	04	10	05	08	04	06	09												
DEC	26	05	21	06	06	05	01	05	06	09														
DEC	26	15	23	07	21	09	09	01	01	05	08	06												
DEC	27	05	22	04	14	09	36	03	06	10	05	07												
DEC	28	04	10	03	03	06	04	05																
DEC	29	04	01	07	34	06	05	04	07	05	08	10												
DEC	30	04	28	07	25	08	25	02	08	03	16	08												
DEC	30	16	25	17	26	14	26	14	25	09	20	04												
DEC	31	04	27	27			27	01	21	07	29	06												