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METEOROLOGY

Mawson, Davis, Taylor and Macquarie Island, 1957

Prepared By

THE BUREAU OF METEOROLOGY, MELBOURNE

(54)

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

1. This volume contains the meteorological observations, surface, radiosonde, radio wind and pilot balloon made at Macquarie Island, Mawson, Davis and Taylor during 1957. 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 observations were carried out by the following:- (1956 and 1957)*

MACQUARIE ISLAND

1956*		1957	
W.R.J.Dingle	Observer	P.J.R.Ruckert	Observer
G.J.MacDonald	Observer	W.R.A.Kellas	Observer
I.A.Fox	Observer	R.V.Hill	Observer

MAWSON

1956*		1957	
J.W.P.McCarthy	Meteorologist	F.T.Hannan	Meteorologist
M.J.Christensen	Observer	B.Isabelle	Observer
N.T.Lied	Observer	G.Wheeler	Observer

TAYLOR 1957

Taylor observations were made by staff from Mawson base.

DAVIS 1957

W.R.J.Dingle	Observer
N.T.Lied	Observer

* In A.N.A.R.E. Report, Series D. Vol.IX, Meteorology, Mawson and Macquarie, 1956, the names of the 1957 parties were given in error.

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 (GMT + 10 hr), Mawson (GMT + 5 hr), Davis (GMT + 5 hr)

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 and Davis 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 and Davis 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. Radiosondes were released daily from Mawson and Macquarie Island, at 0400 G.M.T. from January to March. From April to December release time was 0000 G.M.T. at Mawson and 2300 G.M.T. at Macquarie Island. 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. A continuous record of air temperature was given by a daily thermograph in the same screen. At Mawson and Davis a dry bulb thermometer and a daily thermograph were mounted in a Stevenson Screen, the latter being used to obtain the daily temperature extremes.

Humidity

Relative humidity and dew point were obtained from dry and wet bulb thermometer readings mounted in a Stevenson Screen. Continuous records of relative humidity were given by a daily hygrograph in the same screen. At Mawson and Davis relative humidity and frost point were obtained from the readings of the dry bulb thermometer and a daily hygrograph in the same screen. The hygrograph which provided a continuous record of relative humidity was periodically checked against an aspirated psychrometer.

Wind

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

Precipitation

Precipitation was measured by a rain gauge. 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.

At Mawson and Davis it was not possible to accurately measure all precipitation, although some accurate measurements were obtained with a shielded snow gauge when surface winds were not strong. These results have not been published.

Radiosonde Observations

Radiosonde observations were made using Australian-made apparatus of the United States Weather Bureau pattern (Diamond Hinman), operating on 72 mc/s or 403 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 and Davis base-line checks were carried out by placing the sonde together with dry and wet bulb thermometers in a calibration 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 and by radar also following either the radiosonde balloon or a separate balloon carrying a radar target.

At Mawson upper winds were made either by visual means following either a pilot balloon or the radiosonde balloon or by electronic means using a radio theodolite following either a radiosonde or a radio transmitter used for windfinding only.

At Davis, upper wind observations were made at Davis by visual means following a pilot balloon.

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 1/4 statute miles
18	2 1/4 statute miles	2 1/2 statute miles
20	2 1/2 statute miles	3 statute miles
24	3 statute miles	4 statute miles
32	4 statute miles	5 statute miles
40	5 statute miles	6 statute miles
48	6 statute miles	7 statute miles
56	7 statute miles	8 statute miles
64	8 statute miles	9 statute miles
72	9 statute miles	10 statute miles
80	10 statute miles	12 statute miles
81	12 statute miles	24 statute miles
82	24 statute miles	36 statute miles
83	36 statute miles	48 statute miles
84	48 statute miles	60 statute miles

Code Figure	Lower Limit	Upper Limit less than
85	60 statute miles	90 statute miles
86	90 statute miles	120 statute miles
87	120 statute miles	180 statute miles
88	180 statute miles	300 statute miles
89	300 statute miles	No upper limit

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

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CODE FOR PRESENT WEATHER

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

10 Mist

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

13 Lightning visible, no thunder heard.

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

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

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

17 Thunder heard, but no precipitation at the station.

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

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

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
31 Duststorm or sandstorm
32
(- has decreased during the preceding hour
(- no appreciable change during the preceding hour
(- 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	slight at time of observation
62	Rain, not freezing, intermittent	moderate at time of observation
63	Rain, not freezing, continuous	moderate at time of observation
64	Rain, not freezing, intermittent	heavy at time of observation
65	Rain, not freezing, continuous	heavy at time of observation
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	slight at time of observation
72	Intermittent fall of snow flakes	moderate at time of observation
73	Continuous fall of snow flakes	moderate at time of observation
74	Intermittent fall of snow flakes	heavy at time of observation
75	Continuous fall of snow flakes	heavy at time of observation
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	- slight
88	without rain or rain and snow mixed	- 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	

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. (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.

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

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.

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

6 Cirrus and Cirrostratus, often in bands converging toward the horizon; or Cirrostratus alone; in either case gradually spreading over the sky and usually thickening as a whole and the continuous layer exceeding 45° altitude.

7 Cirrostratus covering the whole sky.

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

9 Cirrocumulus alone or Cirrocumulus with some Cirrus or Cirrostratus, but the Cirrocumulus being the main cirriform cloud present. (Cirrocumulus may be present in $C_H = 1$ to $C_H = 8$.)

Blank Clouds of genera C_H non visible owing to darkness, fog, sandstorm or other analogous phenomena or owing to the existence of a complete layer of lower cloud.

CODE FOR HEIGHT, ABOVE GROUND, OF BASE OF CLOUD

Code Figure

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

CODE FOR DIRECTION OF MOVEMENT OF CLOUD CODE FIGURE

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

DAVIS

Latitude 68° 35'S

Longitude 77° 58'E

Height above M.S.L. 40 ft.

MARCH 1957

Hour	Mean Pressure (Mb)	Mean Temperatures °F			Mean Cloud (Eighths)		Mean Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
05	985.1	15.9		6.6	6.9	5.4	9.9
11	985.2	18.8		7.6	6.6	4.5	10.2
17	985.4	18.9		9.8	6.5	4.7	9.4
23	985.4	16.2		7.3	6.2	5.1	8.7

Rain (Points)	Rain Days (.01 in.) or more	Temperatures °F						Sunshine (Hours)	Anemom. (Miles per Day)	Max. Gust (Knots)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Ter. Min.			
-	-	21.4	23.9 on 27th	11.8	-16.1 on 22nd	-	-	-	10.3	55 on 28th

APRIL 1957

Hour	Mean Pressure (Mb)	Mean Temperatures °F			Mean Cloud (Eighths)		Mean Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	984.9	14.0		5.3	5.8	4.6	9.3
05	985.0	13.8		5.0	5.8	3.9	10.0
08	985.3	14.2	11.4	5.3	6.0	3.9	9.4
11	985.3	15.9		6.4	5.9	3.3	9.3
14	985.3	16.8		6.9	5.9	3.5	9.5
17	985.3	15.2		6.4	5.5	3.6	9.2
20	985.4	14.9		6.0	5.4	4.1	9.5
23	985.2	14.7		5.6	6.2	5.1	8.9

Rain (Points)	Rain Days (.01 in.) or more	Temperatures °F						Sunshine (Hours)	Anemom. (Miles per Day)	Max. Gust (Knots)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Ter. Min.			
-	-	20.0	31.6 on 21st	10.2	-5.2 on 10th	-	-	-	10.0	56 on 25th

DAVIS

Latitude 68° 35'S

Longitude 77° 58'E

Height above M.S.L. 40 ft.

MAY 1957

Hour	Mean Pressure (Mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	993.5	4.9		-3.0	4.8	3.1	9.1
05	993.2	5.3		-3.1	4.8	3.4	9.2
08	993.0	6.1		-2.5	5.5	4.0	9.7
11	992.8	7.0		-1.8	5.6	3.6	9.2
14	992.7	6.9		-1.5	5.6	3.7	9.8
17	992.8	6.3		-1.9	5.0	3.8	10.2
20	992.8	5.6		-2.4	4.6	3.3	9.9
23	993.2	5.4		-3.1	4.4	2.9	9.6

Rain (Points)	Rain Days (·01 in.) or more	Temperature °F						Sunshine (Hours)	Anemoms (Miles per Day)	Max. Gust (Knots)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Ter. Min.			
		10.7	28.6 on 24th	0.2	-24.9 on 20th	-	-	-	10.5	54 on 21st

JUNE 1957

Hour	Mean Pressure (Mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	995.2	11.0		3.9	5.4	4.1	11.8
05	995.1	10.9		3.9	5.7	4.1	11.8
08	995.0	11.0		3.5	6.2	4.7	12.6
11	994.9	10.5	10.4	3.3	6.2	3.8	11.4
14	994.8	10.8		4.2	6.3	4.3	11.0
17	995.0	10.7		4.4	6.2	4.8	10.0
20	994.9	10.7		4.2	5.7	4.9	10.7
23	994.7	11.2		4.4	5.1	4.3	12.6

Rain (Points)	Rain Days (·01 in.) or more	Temperatures °F						Sunshine (Hours)	Anemom. (Miles per Day)	Gust (Knots)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Ter. Min.			
-	-	15.8	31.2 on 24th	6.1	-15.9 on 14th	-	-	-	11.8	71 on 24th

DAVIS

Latitude 68° 35'S

Longitude 77° 58'E

Height above M.S.L. 40 ft.

JULY 1957

Hour	Mean Pressure (Mb)	Mean Temperatures °F			Mean Cloud (Eighths)		Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	984.7	0.7		-5.5	4.9	4.3	8.8
05	984.6	1.6		-4.4	5.1	4.4	8.3
08	984.8	1.7		-4.2	5.3	4.4	7.5
11	984.8	1.0	0.4	-5.6	5.4	3.6	7.5
14	984.9	0.9		-5.3	5.5	3.5	7.4
17	985.3	0.5		-5.5	5.2	3.8	8.2
20	985.3	0.5		-5.7	5.0	3.9	7.0
23	985.4	0.0		-6.5	4.2	3.2	8.6

Rain (Points)	Rain Days (.01in) or more	Temperatures °F						Sunshine (Hours)	Anemom. (Miles per Day)	Max. Gust (Knots)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Ter. Min.			
-	-	6.0	25.0 on 3rd	-5.4	-20.4 on 16th	-	-	-	9.6	68 on 3rd

AUGUST 1957

Hours	Mean Pressure (Mb)	Mean Temperatures °F			Mean Cloud (Eighths)		Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	987.2	3.8		-5.6	5.2	3.3	9.0
05	986.8	3.8		-4.9	5.3	3.2	9.1
08	986.6	4.4		-4.8	4.9	3.1	10.4
11	986.4	6.3	5.7	-4.7	5.5	3.3	10.3
14	986.2	6.6		-3.8	5.7	3.2	11.5
17	986.3	5.0		-4.7	5.5	3.3	11.1
20	986.3	4.0		-5.1	5.0	3.3	9.8
23	986.2	3.5		-5.3	5.1	3.4	10.0

Rain (Points)	Rain Days (.01in.) or more	Temperatures °F						Sunshine (Hours)	Anemom. (Miles per Day)	Max. Gust (Knots)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Ter. Min.			
-	-	10.3	22.8 on 11th	-1.3	-12.4 on 6th	-	-	-	10.9	56 on 21st

DAVIS

Latitude 68° 35'S

Longitude 77° 58'E

Height above M.S.L. 40 ft.

SEPTEMBER 1957

Hour	Mean Pressure (Mb)	Mean Temperatures °F			Mean Cloud (Eighths)		Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	979.6	0.5		-8.4	4.3	3.3	6.5
05	979.5	0.4		-8.2	4.8	3.5	6.6
08	979.5	1.3		-7.8	4.7	3.2	6.3
11	979.5	4.7		-5.8	4.6	2.9	6.7
14	979.6	5.9		-3.9	5.0	3.3	6.9
17	979.9	5.1		-4.5	4.9	3.1	5.5
20	979.9	2.8		-6.6	4.2	2.9	7.3
23	979.8	1.7		-7.8	3.7	2.4	7.1

Rain (Points)	Rain Days (.01in) or more	Temperatures °F						Sunshine (Hours)	Anemom. (Miles per Day)	Max. Gust (Knots)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Ter. Min.			
		8.0	27.9 on 29th	-4.4	-21.4 on 11th			-	11.3	52 on 24th

OCTOBER 1957

Hours	Mean Pressure (Mb)	Temperatures °F			Mean Cloud (Eighths)		Mean Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	981.1	13.5		4.9	4.6	3.1	11.6
05	981.3	13.7		4.4	4.5	2.7	12.3
08	981.1	16.7		6.0	4.7	2.9	15.2
11	981.0	18.9		7.5	4.9	2.5	17.8
14	981.3	19.4		8.9	4.6	3.0	14.6
17	981.1	19.1		9.5	4.4	2.7	12.6
20	980.9	16.8		7.9	4.3	2.5	11.3
23	981.0	14.7		5.7	4.3	2.6	11.1

Rain (Points)	Rain Days (.01 in.) or more	Temperatures °F						Sunshine (Hours)	Anemom. (Miles per Day)	Max. Gust (Knots)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Ter. Min.			
-	-	21.7	31.8 on 12th 31st	10.5	-02.2 on 8th	-	-	-	14.5	77 on 19th 20th

DAVIS

Latitude 68° 35'S
Longitude 77° 58 ' E
Height above M. S. L. 40 ft.

NOVEMBER 1957

Hour	Mean Pressure (Mb)	Mean Temperatures °F			Mean Cloud (Eighths)		Mean Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	990.0	17.2		8.7	4.1	2.6	8.2
05	990.1	18.2		7.6	4.4	3.2	8.5
08	990.1	20.5		8.5	4.1	3.0	10.6
11	990.2	22.5		10.6	3.7	2.3	11.1
14	990.2	23.0		11.8	3.1	2.1	10.2
17	990.0	23.1		11.9	3.0	1.9	8.6
20	989.8	21.6		12.1	3.4	2.1	8.4
23	990.0	18.9		10.6	3.8	2.4	7.5

Rain (Points)	Rain Days (·01 in) or more	Temperatures °F						Sunshine (Hours)	anemom. (Miles per Day)	Max. Gust (Knots)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Ter. Min.			
-	-	25.0	32.7 on 25th 30th	15.1	05.3 on 4th	-	-	-	9.4	43 on 25th

DECEMBER 1957

Hour	Mean Pressure (Mb)	Mean Temperatures °F			Mean Cloud (Eighths)		Mean Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	993.3	30.0		18.9	5.6	3.0	8.1
05	993.5	30.2		18.4	5.4	2.3	8.0
08	993.4	32.2		19.2	5.6	2.4	11.1
11	993.2	33.6		20.7	5.8	3.1	9.5
14	993.2	34.4		22.1	5.6	2.8	9.6
17	993.0	33.2		23.1	5.5	2.6	7.6
20	992.9	32.0		24.4	5.5	2.5	6.7
23	993.1	31.2		22.9	5.0	3.2	5.8

Rain (Points)	Days (·01 in) or more	Temperatures °F						Sunshine (Hours)	Anemom. (Miles per Day)	Max. Gust (Knots)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Ter. Min.			
-	-	36.5	43.7 on 19th	28.4	23.4 on 1st	-	-	-	9.7	69 on 27th

MACQUARIE ISLAND

Latitude 54° 30'S

Longitude 158° 57'E

Height above M.S.L. 20 ft.

JANUARY 1957

Hour	Mean Pressure (Mb)	Mean Temperatures °F			Mean Cloud (Eighths)		Mean Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
01	992.3	45.5	44.5	43.5	6.6	4.5	16.6
04	991.6	45.4	44.5	43.3	6.9	4.2	17.2
07	991.9	45.9	44.8	43.6	6.8	4.1	18.4
10	992.1	47.0	45.7	44.2	6.5	3.7	18.8
13	992.3	47.7	45.8	43.7	6.4	4.2	18.3
16	992.4	46.9	45.1	43.2	6.5	4.9	19.3
19	992.8	45.9	44.8	43.3	6.6	4.4	17.0
22	993.0	45.5	44.5	43.5	6.3	3.8	15.2

Rain (Points)	Rain Days (.01 in. or more)	Temperatures °F						Sunshine (Hours)	Anemom. (Miles per Day)	Max. Gust (Knots)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Ter. Min.			
405	30	49.1	52.3 on 9th	43.0	38.0 on 17th 31st	40.5	33.8 on 31st	-	19.8	73 on 11th

FEBRUARY 1957

Hour	Mean Pressure (Mb)	Mean Temperatures °F			Mean Cloud (Eighths)		Mean Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
01	998.8	45.0	43.4	41.4	6.5	4.7	19.7
04	999.0	44.9	43.5	41.7	7.0	5.5	20.3
07	999.6	45.4	44.2	42.5	7.1	5.1	20.7
10	999.9	46.4	44.6	42.3	7.3	5.5	21.3
13	999.7	46.6	44.6	42.0	7.1	5.2	20.7
16	999.5	46.3	44.4	41.7	6.6	5.1	20.6
19	999.7	45.3	43.7	41.3	7.4	5.4	19.5
22	999.6	45.1	43.6	41.6	7.2	5.7	18.8

Rain (Points)	Rain Days (.01 in. or more)	Temperatures °F						Sunshine (Hours)	Anemom. (Miles per Day)	Max. Gust (Knots)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Ter. Min.			
411	24	47.7	51.1 on 16th	42.7	37.5 on 1st	40.9	33.5 on 1st	-	22.6	72 on 24th

MACQUARIE ISLAND

Latitude 54° 30'S

Longitude 158° 57'E

Height above M.S.L. 20 ft.

MARCH 1957

Hour	Mean Pressure (Mb)	Mean Temperatures °F			Mean Cloud (Eighths)		Mean Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
01	1003.0	43.7	42.2	40.1	6.7	5.7	17.7
04	1002.7	43.6	42.5	40.6	7.2	6.0	20.5
07	1003.2	43.7	42.3	40.1	7.2	5.9	20.4
10	1003.4	44.4	42.5	39.8	7.1	5.5	21.0
13	1002.9	45.2	43.2	40.4	7.0	5.4	20.5
16	1002.7	44.7	43.0	40.5	6.9	5.2	19.5
19	1003.2	43.8	42.5	40.3	6.4	5.1	17.7
22	1003.3	43.8	42.4	40.2	6.1	4.8	17.0

Rain (Points)	Rain Days (.01 in) or more	Temperatures °F						Sunshine (Hours)	Anemom. (Miles per Day)	Max. Gust (Knots)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Ter. Min.			
261	23	46.3	50.2 on 9th	41.2	32.0 on 22nd	38.5	28.6 on 22nd	-	21.1	72 on 22nd

APRIL 1957

Hour	Mean Pressure (Mb)	Mean Temperatures °F			Mean Cloud (Eighths)		Mean Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
01	1000.5	42.0	41.0	39.3	6.2	5.0	16.7
04	999.5	42.1	41.1	39.6	7.0	5.6	16.1
07	999.7	42.1	40.8	38.9	6.8	4.7	17.3
10	1000.0	43.0	41.3	38.7	6.2	4.8	18.8
13	999.9	43.1	41.4	38.9	6.8	4.6	17.3
16	1000.2	42.3	40.8	38.6	6.6	5.0	17.4
19	1000.8	41.7	40.4	38.2	6.0	4.9	16.0
22	1000.9	41.8	40.3	38.1	6.0	4.7	15.4

Rain (Points)	Rain Days (.01in) or more	Temperatures °F						Sunshine (Hours.)	Anemom. (Miles per Day)	Max. Gust (Knots)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Ter. Min.			
274	27	44.7	47.0 on 13th	39.1	32.1 on 17th	36.1	24.2 on 17th	-	18.7	59 on 11th

MACQUARIE ISLAND

Latitude 54° 30'S

Longitude 158° 57'E

Height above M.S.L. 20 ft.

MAY 1957

Hour	Mean Pressure (Mb)	Mean Temperatures °F			Mean Cloud (Eighths)		Mean Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
01	994.3	38.4	36.9	34.3	6.5	5.1	19.5
04	994.5	38.0	36.6	33.6	6.9	5.3	19.1
07	995.2	38.1	36.6	33.7	6.8	5.1	17.8
10	995.2	38.5	36.8	33.6	6.9	5.3	16.0
13	994.4	38.9	37.1	34.0	7.2	5.1	18.3
16	994.3	38.7	37.0	34.0	6.9	4.8	16.1
19	994.8	38.5	37.1	34.6	7.1	5.6	17.3
22	994.8	38.5	37.1	34.4	7.1	5.3	18.3

Rain (Points)	Rain Days (.01in) or more	Temperatures °F						Sunshine (Hours)	Anemom. (Miles per Day)	Max. Gust (Knots)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Ter Min.			
318	29	40.9	45.6 on 22nd	35.4	28.0 on 27th	32.8	25.0 on 27th	-	18.4	65 on 24th

JUNE 1957

Hour	Mean Pressure (Mb)	Mean Temperatures °F			Mean Cloud (Eighths)		Mean Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
01	993.9	36.5	35.4	33.5	7.2	6.6	17.1
04	992.9	36.9	35.6	33.3	7.1	6.0	18.0
07	992.7	37.0	35.9	33.6	7.1	6.2	19.6
10	992.9	37.3	35.8	33.2	7.4	6.0	20.2
13	992.7	37.2	35.6	32.9	7.1	5.7	20.5
16	993.4	36.5	35.1	32.6	7.3	5.6	18.2
19	993.9	36.5	35.4	32.9	7.0	5.9	16.9
22	994.0	36.4	35.5	33.5	7.0	5.7	18.3

Rain (Points)	Rain Days (.01in) or more	Temperatures °F						Sunshine (Hours)	Anemom. (Miles) per Day)	Max. Gust (Knots)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Ter Min.			
325	28	39.9	43.7 on 3rd	32.9 on 26th	23.6	31.5	21.8 on 21st	-	19.9	70 on 4th

MACQUARIE ISLAND

Latitude 54° 30'S

Longitude 158° 57'E

Height above M.S.L. 20 ft.

JULY 1957

Hour	Mean Pressure (Mb)	Mean Temperatures °F			Mean Cloud (Eighths)		Mean Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
01	1005.5	37.6	36.5	34.6	6.5	5.2	21.9
04	1005.5	37.6	36.4	34.2	7.0	6.2	21.9
07	1006.6	37.2	35.9	33.7	6.9	6.0	20.8
10	1007.4	37.2	35.6	32.8	6.9	5.1	20.5
13	1006.9	37.2	35.9	33.3	7.1	5.6	21.1
16	1006.9	37.1	35.8	33.3	6.9	5.4	20.9
19	1006.5	37.6	36.6	34.9	6.2	5.3	20.5
22	1006.3	37.8	36.9	35.3	7.0	5.7	22.8

Rain (Points)	Rain Days (.01in.) or more	Temperatures °F						Sunshine (Hours)	Anemom. (Miles per Day)	Max. Gust (Knots)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Ter. Min.			
265	28	40.4	44.3 on 13th 31st	34.2	19.0 on 26th	32.1	19.5 on 26th	-	21.6	83 on 24th

AUGUST 1957

Hour	Mean Pressure (Mb)	Mean Temperatures °F			Mean Cloud (Eighths)		Mean Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
01	1007.1	39.5	38.6	36.9	6.5	5.8	20.9
04	1006.9	39.1	38.0	36.2	7.2	6.4	19.4
07	1006.8	39.2	38.2	36.5	7.1	6.3	19.7
10	1006.6	39.8	38.5	36.3	7.2	5.7	19.7
13	1006.0	40.0	38.7	36.8	6.8	5.5	20.1
16	1006.2	39.7	38.4	36.1	6.8	5.3	19.5
19	1006.5	39.4	38.3	36.5	6.5	5.5	19.3
22	1006.8	39.2	38.1	36.4	6.2	5.4	20.3

Rain (Points)	Rain Days (.01in.) or more	Temperatures °F						Sunshine (Hours)	Anemom. (Miles per Day)	Max. Gust (Knots)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Ter. Min.			
189	29	41.8	44.7 on 1st	36.5	26.7 on 21st	34.3	22.7 on 20th	-	20.6	71 on 23rd

MACQUARIE ISLAND

Latitude 54° 30'S

Longitude 158° 57'E

Height above M. S. L. 20 ft.

SEPTEMBER 1957

Hour	Mean Pressure (Mb)	Mean Temperatures °F			Mean Cloud (Eighths)		Mean Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
01	1002. 3	39. 9	38. 6	36. 4	6. 1	5. 3	20. 0
04	1002. 5	39. 8	38. 3	35. 7	6. 7	5. 6	17. 8
07	1002. 9	40. 0	38. 7	36. 6	6. 9	5. 5	17. 3
10	1002. 6	40. 7	39. 2	36. 6	7. 0	5. 1	19. 2
13	1001. 8	41. 0	39. 1	36. 8	6. 8	5. 1	21. 8
16	1001. 2	40. 6	38. 9	36. 3	6. 9	5. 4	20. 8
19	1001. 9	40. 3	38. 8	36. 6	7. 1	5. 9	18. 5
22	1001. 9	40. 0	38. 5	36. 0	6. 5	5. 6	18. 9

Rain (Points)	Rain Days (·01 in.) or more	Temperatures °F						Sunshine (Hours)	Anemom. (Miles per day)	Max. Gust (Knots)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Ter. Min.			
182	30	42. 4	44. 8 on 22nd	37. 2	31. 6 on 5th	35. 2	29. 1 on 14th	-	23. 0	65 on 24th

OCTOBER 1957

Hour	Mean Pressure (Mb)	Mean Temperatures °F			Mean Cloud (Eighths)		Mean Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
01	985. 6	38. 3	36. 7	34. 0	6. 3	5. 3	17. 9
04	986. 0	37. 5	36. 2	33. 5	7. 2	6. 0	17. 6
07	986. 0	37. 8	36. 2	33. 3	7. 2	6. 0	16. 7
10	987. 1	39. 0	36. 5	32. 1	6. 9	5. 3	17. 5
13	987. 1	39. 3	36. 7	32. 2	6. 5	5. 3	18. 0
16	986. 9	38. 8	36. 5	32. 5	7. 2	5. 2	16. 2
19	987. 2	37. 8	36. 4	33. 8	7. 0	5. 3	15. 9
22	986. 6	37. 9	36. 4	33. 9	6. 5	5. 9	17. 6

Rain (Points)	Rain Days (.01 in.) or more	Temperatures °F						Sunshine (Hours)	Anemom. (Miles per Day)	Max. Gust (Knots)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Ter. Min.			
330	29	41. 4	45. 2 on 24th	34. 5	26. 5 on 3rd	32. 6	24. 6 on 3rd	-	20. 9	72 on 18th

MACQUARIE ISLAND

Latitude 54° 30'S

Longitude 158° 57'E

Height above M. S. L. 20 ft.

NOVEMBER 1957

Hour	Mean Pressure (Mb)	Mean Temperatures °F			Mean Cloud (Eighths)		Mean Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
01	991. 4	39. 7	38. 0	35. 5	7. 2	5. 6	14. 0
04	991. 1	39. 5	38. 3	36. 1	7. 6	5. 6	12. 6
07	991. 6	40. 3	38. 5	35. 9	7. 6	5. 6	12. 2
10	991. 6	41. 4	39. 0	35. 0	7. 2	4. 9	13. 9
13	991. 6	42. 0	39. 7	35. 6	6. 5	4. 7	14. 3
16	991. 7	41. 3	39. 2	35. 9	6. 8	4. 3	14. 4
19	992. 2	40. 1	38. 5	35. 9	6. 8	4. 4	12. 5
22	992. 4	40. 0	38. 4	35. 7	6. 6	4. 8	13. 5

Rain (Points)	Rain Days (.01 in. or more)	Temperatures °F						Sunshine (Hours)	Anemom. (Miles per Day)	Max Gust (Knots)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min	Extr. Ter. Min.			
182	28	43. 8	45. 9 on 27th	37. 5	31. 2 on 24th	35. 9	23. 6 on 25th	-	16. 7	50 on 23rd

DECEMBER 1957

Hour	Mean Pressure (Mb)	Mean Temperatures °F			Mean Cloud (Eighths)		Mean Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
01							
04							
07							
10	993. 1	42. 8	40. 7	37. 8	7. 5	6. 7	13. 2
13	992. 7	43. 2	41. 3	38. 5	7. 4	6. 3	12. 8
16	992. 3	42. 7	41. 0	38. 5	6. 8	6. 0	12. 7
19	992. 6	41. 8	40. 3	38. 0	7. 0	6. 8	10. 5
22	992. 8	41. 5	40. 0	37. 8	6. 5	6. 4	11. 2

Rain (Points)	Rain Days (.01 in.) or more	Temperatures °F						Sunshine (Hours)	Anemom. (Miles per Day)	Max. Gust (Knots)
		Mean Max.	Extr. Max.	Mean Max	Extr. Min.	Mean Terr. Min.	Extr. Ter. Min.			
319	28	44. 7	48. 3 on 25th	39. 2	35. 1 on 19th	36. 1	29. 1 on 21st	-	14. 9	48 on 12th

MAWSON
Latitude 67° 36'S
Longitude 62° 53'E
Height above M. S. L. 27 ft.

JANUARY 1957

Hour	Mean Pressure (Mb)	Mean Temperatures °F			Mean Cloud (Eighths)		Mean Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	990.0	30.5	26.5	18.5	4.8	1.7	21.0
05	990.0	30.2	25.9	17.3	4.5	1.6	22.0
08	989.8	32.2	27.4	18.1	4.9	1.9	23.2
11	989.4	35.5	29.9	20.4	4.0	1.8	20.7
14	989.6	36.4	30.9	21.8	4.5	1.8	15.4
17	989.5	36.1	30.8	22.5	4.4	2.1	13.3
20	989.2	34.9	30.1	22.5	4.1	2.2	13.7
23	989.2	32.3	28.1	20.5	4.8	2.0	19.3

Rain (Points)	Rain Days (.01 in.) or more	Temperatures °F						Sunshine (Hours)	Anemom (Miles per day)	Max Gust (knots).
		Mean Max	Extr. Max	Mean Min	Extr. Min	Mean Terr. Min	Extr. Ter. Min			
		37.8	43.1 on 7th	28.5	21.7 on 22nd	27.2	20.2 on 22nd	9.2	15.4	65 on 24th

FEBRUARY 1957

Hour	Mean Pressure (Mb)	Mean Temperatures °F			Mean Cloud (Eighths)		Mean Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew. Point	Total	Low	
02	989.0	21.5		9.0	3.5	2.3	27.0
05	988.8	21.0		8.4	3.7	2.2	29.0
08	988.4	21.9		9.0	4.6	1.7	29.5
11	988.2	25.9		12.0	4.2	1.5	25.4
14.	988.3	28.7		12.8	4.2	1.6	20.7
17	988.3	28.4		13.8	4.3	1.7	18.7
20	988.5	26.4		13.0	4.2	1.9	21.6
23	988.6	23.0		10.3	4.3	2.4	25.8

Rain (Points)	Rain Days (.01 in.) or more	Temperatures °F						Sunshine (Hours)	Anemom (Miles per day)	Max Gust (Knots)
		Mean Max.	Extr Max	Mean Min	Extr Min	Mean Terr. Min	Extr. Ter Min			
		30.0	40.2 on 2nd	18.8	6.6 on 27th	17.5	5.3 on 27th	8.3	22.3	74 on 28th

MAWSON
Latitude 67° 36'S
Longitude 62° 53'E
Height above M.S.L. 27 ft.

MARCH 1957

Hour	Mean Pressure (Mb)	Mean Temperatures °F			Mean Cloud (Eighths)		Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	988.6	12.4		2.6	2.6	1.6	22.6
05	988.9	11.7		2.1	3.3	1.2	21.2
08	989.0	12.5		2.3	5.6	2.2	19.9
11	989.2	15.0		3.9	5.0	2.4	18.2
14	989.1	18.0		6.6	4.7	2.2	14.4
17	989.1	17.8		6.7	4.2	1.8	13.0
20	988.7	14.2		4.9	3.9	1.9	19.6
23	988.8	12.4		2.7	2.4	1.3	22.7

Rain (Points)	Rain Days (·01 in.) or more	Temperatures °F						Sunshine (Hours)	Anemom. (Miles per Day)	Max. Gust (Knots)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Ter. Min.			
-	-	19.7	26.0 on 13th	8.3	-2.2 on 27th	7.0	-4.1 on 27th	5.6	21.8	70 on 25th

APRIL 1957

Hour	Mean Pressure (Mb)	Mean Temperatures °F			Mean Cloud (Eighths)		Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	989.4	7.2		-2.7	2.4	1.7	21.0
05	989.2	7.3		-2.7	2.4	1.1	20.0
08	989.2	7.5		-2.6	3.5	1.6	21.5
11	989.6	8.2		-1.4	3.9	1.6	18.5
14	990.1	11.3		-0.0	4.1	1.7	15.6
17	990.0	10.5		-0.2	4.3	2.0	14.4
20	990.3	8.7		-2.3	3.8	2.2	18.4
23	990.3	7.6		-3.0	2.7	1.7	20.3

Rain (Points)	Rain Days (·01 in.) or more	Temperatures °F						Sunshine (Hours)	Anemom. (Miles per Day)	Max. Gust (Knots)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Ter. Min.			
-	-	13.6	30.2 on 21st	3.4	-10.4 on 10th	1.9	-12.8 on 12th	4.5	23.3	60 on 3rd

MAWSON
Latitude 67° 36'S
Longitudinal 62° 53'E
Height above M. S. L. 27 ft.

MAY 1957

Hour	Mean Pressure (Mb)	Mean Temperatures °F			Mean Cloud (Eighths)		Mean Wind Speed (Knots).
		Dry Bulb	Wet Bulb	Dew Point	Total	Low.	
02	994. 2	4. 4		-6. 8	4. 2	3. 0	19. 5
05	994. 3	4. 0		-6. 5	4. 4	2. 7	21. 1
08	994. 2	4. 0		-6. 1	3. 7	2. 5	19. 0
11	994. 3	4. 2		-6. 6	5. 5	2. 3	20. 0
14	994. 5	4. 5		-6. 7	5. 2	2. 9	19. 2
17	994. 4	4. 5		-6. 9	5. 5	3. 3	18. 1
20	993. 9	4. 4		-6. 7	4. 4	2. 3	20. 9
23	993. 8	4. 4		-5. 9	4. 1	2. 6	20. 8

Rain (Points)	Rain Days (·01 in.) or more	Temperatures. °F						Sunshine (Hours)	Anemom (Miles per day)	Max Gust (Knots)
		Mean Max	Extr. Max	Mean Min	Extr. Min	Mean Terr Min	Extr. Ter Min			
		8. 9	25. 5 on 27th	-0. 7	-21. 0 on 18th	-3. 1	-22. 5 on 18th	1. 1	25. 3	74 on 30th

JUNE 1957

Hour	Mean Pressure (Mb)	Mean Temperatures °F			Mean Cloud (Eighths)		Mean Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	994. 3	10. 8		2. 1	3. 9	2. 0	29. 6
05	994. 2	10. 6		1. 8	3. 7	1. 7	30. 4
08	993. 9	10. 7		2. 0	4. 6	1. 9	31. 1
11	994. 2	11. 5		2. 8	5. 4	3. 6	29. 0
14	994. 1	11. 5		2. 3	5. 2	2. 8	30. 4
17	994. 1	11. 3		2. 4	4. 9	2. 7	31. 0
20	994. 4	11. 4		2. 6	4. 0	2. 0	28. 3
23	993. 7	11. 0		1. 9	3. 6	2. 0	29. 5

Rain (Points)	Rain Days (·01 in.) or more	Temperatures °F						Sunshine (Hours)	Anemom (Miles per day)	Max Gust (Knots)
		Mean Max	Extr Max	Mean Min	Extr. Min	Mean Terr. Min	Extr. Ter Min			
		15. 3	25. 1 on 24th	5. 9	-9. 9 on 21st	3. 7	-10. 8 on 21st	-	29. 1	71 on 15th

MAWSON
Latitude 67° 36'S
Longitude 62° 53'E
Height above M.S.L. 27 ft.

JULY 1957

Hour	Mean Pressure (Mb)	Mean Temperatures °F			Mean Cloud (Eighths)		Mean Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	988.5	-0.3		-12.8	3.1	1.5	19.5
05	988.3	-0.4		-13.0	4.4	1.6	20.0
08	988.2	0.4		-12.4	4.2	1.4	20.9
11	988.5	-0.0		-12.5	4.9	2.0	19.0
14	988.4	0.2		-11.6	5.0	1.9	18.6
17	988.7	0.0		-11.9	4.1	1.5	17.0
20	988.7	0.1		-11.5	3.9	1.5	17.4
23	988.6	-0.5		-12.8	3.6	1.4	20.1

Rain (Points)	Rain Days (.01 in.) or more	Temperatures °F						Sunshine (Hours)	Anemom. (Miles per Day)	Max. Gust (Knots)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Ter. Min.			
-	-	4.5	21.3 on 4th	-4.1	-19.1 on 15th	-5.4	-22.2 on 15th	0.5	22.2	78 on 18th

AUGUST 1957

Hour	Mean Pressure (Mb)	Mean Temperatures °F			Mean Cloud (Eighths)		Mean Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	989.8	4.2		7.2	3.3	1.6	23.5
05	989.4	3.8		-7.4	2.9	0.8	25.1
08	989.7	3.8		-7.6	3.7	1.5	24.3
11	989.8	3.6		-7.4	4.7	1.4	22.3
14	989.7	4.8		-6.2	5.1	1.9	23.5
17	989.7	4.3		-7.3	5.1	1.9	24.8
20	989.8	3.6		-7.6	3.6	1.5	24.5
23	989.5	3.5		-7.4	3.9	1.8	21.7

Rain (Points)	Rain Days (.01 in.) or more	Temperatures °F						Sunshine (Hours)	Anemom. (Miles per Day)	Max. Gust (Knots)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Ter. Min.			
-	-	7.6	+23.4 on 4th	-0.9	-10.8 on 6th	-1.8	-12.2 on 17th	2.7	24.0	70 on 3rd

MAWSON
Latitude 67° 36'S
Longitude 62° 53'E
Height above M.S.L. 27 ft.

SEPTEMBER 1957

Hour	Mean Pressure (Mb)	Mean Temperatures °F			Mean Cloud (Eighths)		Mean Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	984.2	-3.2		-14.7	1.2	0.6	21.2
05	984.1	-3.5		-15.7	1.7	0.9	20.3
08	984.1	-3.1		-15.2	3.0	1.1	17.9
11	984.3	0.1		-13.4	4.0	1.4	16.6
14	984.2	2.4		-10.6	3.8	1.7	13.8
17	984.1	1.5		-11.0	3.3	1.6	14.8
20	984.2	-0.8		-12.9	2.9	1.3	16.8
23	984.3	-1.9		-14.1	1.9	1.2	19.3

Rain (Points)	Rain Days (·01 in.) or more	Temperatures F						Sunshine (Hours)	Anemom. (Miles per Day)	Max. Gust (Knots)
		Mean Max.	Extr. Max.	Mean. Min.	Extr. Min.	Mean Terr. Min.	Extr. Ter. Min.			
-	-	4.0	18.7 on 30th	-6.4	-19.5 on 10th	-7.4	-22.4 on 10th	6.0	21.7	61 on 14th

OCTOBER 1957

Hour	Mean Pressure (Mb)	Mean Temperatures °F			Mean Cloud (Eighths)		Mean Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	982.3	13.1		1.4	4.3	2.2	20.0
05	982.2	12.5		1.1	5.1	2.3	21.5
08	982.4	13.8		1.9	5.0	2.1	20.0
11	982.4	18.5		4.5	4.8	2.3	16.6
14	982.3	20.3		6.4	4.7	2.1	15.2
17	982.4	19.7		6.6	4.8	1.9	13.9
20	982.6	16.7		4.5	5.0	2.5	17.2
23	982.8	14.3		2.9	4.4	2.3	20.2

Rain (Points)	Rain Days (·01 in.) or more	Temperatures °F						Sunshine (Hours)	Anemom. (Miles per Day)	Max. Gust (Knots)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Ter. Min.			
-	-	21.4	29.2 on 31st	9.6	-0.3 on 26th	8.8	-0.8 on 26th	6.9	24.8	66 on 1st

MAWSON
Latitude 67° 36'S
Longitude 62° 53'E
Height above M.S.L. 27 ft.

NOVEMBER 1957

Hour	Mean Pressure (Mb)	Mean Temperatures °F			Mean Cloud (Eighths)		Mean Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	992.8	17.6		8.1	3.2	1.4	15.9
05	992.7	16.7		6.6	3.8	1.7	15.7
08	992.6	19.9		9.1	4.0	2.0	15.6
11	992.6	24.0		12.2	3.9	1.9	10.4
14	992.8	25.9		14.0	3.5	1.0	8.0
17	992.8	25.2		14.3	3.7	1.8	7.3
20	992.7	23.5		13.7	2.8	1.0	6.9
23	992.9	19.7		11.0	2.7	1.7	10.2

Rain (Points)	Rain Days (.01 in.) or more	Temperatures °F						Sunshine (Hours)	Anemom. (Miles per Day)	Max. Gust (Knots)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Ter. Min.			
-	-	27.7	39.6 on 23rd	15.6	8.2 on 16th	14.7	7.0 on 4th	11.6	16.7	60 on 23rd

DECEMBER 1957

Hour	Mean Pressure (Mb)	Mean Temperatures F			Mean Cloud (Eighths)		Mean Wind Speed (Knots)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	994.1	28.3		19.9	4.2	2.7	10.2
05	993.9	28.2		19.0	4.8	2.1	11.8
08	993.7	29.9		20.9	4.7	2.2	10.4
11	993.8	32.9		23.5	4.8	1.8	6.3
14	994.0	34.2		25.0	4.4	1.5	4.3
17	994.0	33.9		25.0	4.4	1.8	4.8
20	994.0	32.7		25.0	4.5	2.5	4.3
23	994.1	30.5		23.1	4.4	2.8	6.0

Rain (Points)	Rain. Days (.01 in.) or more	Temperatures °F						Sunshine (Hours)	Anemom. (Miles per Day)	Max. Gust (Knots)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Ter. Min.			
-	-	35.6	41.3 on 16th	26.2	15.9 on 3rd	25.1	11.0 on 3rd	1.0	1.73	58 on 28th

FREQUENCY ANALYSES
DAVIS 1957

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	000	000	002	000	000	0002
965	000	000	000	000	000	000	003	000	009	004	000	000	0016
970	000	000	002	009	000	000	011	029	021	026	000	000	0098
975	000	001	008	019	006	000	021	053	064	048	000	002	0222
980	000	006	048	071	029	018	071	080	127	116	000	014	0580
985	000	020	067	127	048	045	125	130	173	163	036	045	0977
990	000	061	080	163	090	068	174	158	224	216	125	085	1444
995	000	074	103	205	150	099	229	181	237	238	214	139	1869
1000	000	076	124	232	193	154	240	200	240	248	233	188	2128
1005	000	076	124	239	212	213	247	220	240	248	240	238	2297
1010	000	076	124	239	240	240	248	241	240	248	240	248	2384
1015	000	076	124	239	248	240	248	248	240	248	240	248	2399

Maximum Temperature

Upper Limit Range - °F													
518	00	00	00	00	01	00	00	00	00	00	00	00	001
511	00	00	00	00	01	00	01	00	00	00	00	00	002
510	00	00	00	00	01	00	03	00	01	00	00	00	005
509	00	00	00	00	02	00	04	00	02	00	00	00	008
508	00	00	00	00	02	01	06	00	02	00	00	00	011
506	00	00	00	00	02	01	06	00	04	00	00	00	013
505	00	00	00	00	02	01	07	01	05	00	00	00	016
504	00	00	00	00	03	01	08	02	05	00	00	00	019
503	00	00	00	00	03	01	09	02	06	00	00	00	021
502	00	00	00	00	06	03	10	02	07	00	00	00	028
501	00	00	00	00	06	03	11	02	07	00	00	00	029
000	00	00	00	00	06	03	12	02	08	00	00	00	031
001	00	00	00	00	06	03	12	02	10	00	00	00	033
002	00	00	00	00	07	03	12	04	11	00	00	00	037
003	00	00	00	00	08	04	12	05	11	00	00	00	040
004	00	00	00	00	09	04	14	06	14	00	00	00	047
005	00	00	00	00	10	04	16	07	16	00	00	00	053
006	00	00	01	00	11	06	18	11	16	00	00	00	063
007	00	00	01	00	11	07	18	14	16	01	00	00	068
008	00	00	02	00	11	07	18	14	16	01	00	00	069
009	00	00	02	00	13	09	18	14	16	02	00	00	074
010	00	00	02	00	13	09	19	15	16	03	00	00	077
011	00	00	02	02	15	09	19	18	17	06	00	00	088
012	00	00	03	04	16	09	19	20	17	06	00	00	094
013	00	00	03	04	17	11	19	21	17	06	00	00	098
014	00	00	04	06	18	11	22	21	20	08	01	00	111
015	00	00	04	11	20	13	23	22	21	09	01	00	124
016	00	00	05	12	21	13	23	24	21	09	02	00	130
017	00	00	07	14	22	15	27	24	21	09	02	00	141
018	00	00	10	17	24	16	27	26	24	09	03	00	156
019	00	00	11	17	24	17	27	27	25	10	04	00	162
020	00	00	11	17	25	17	27	29	27	13	04	00	170
021	00	00	12	19	26	19	28	30	27	13	07	00	181
022	00	00	17	20	27	20	29	30	27	13	07	00	190
023	00	01	19	21	27	23	29	31	29	15	10	00	205
024	00	01	22	21	27	25	30	31	29	15	15	00	216
025	00	04	23	21	28	26	31	31	29	19	17	00	229
026	00	05	24	22	29	27	31	31	29	20	18	00	236
027	00	05	25	23	30	27	31	31	29	23	21	00	245
028	00	07	28	25	30	28	31	31	30	25	22	00	257
029	00	08	29	28	31	29	31	31	30	27	24	00	268
030	00	10	31	28	31	29	31	31	30	29	27	00	277
031	00	12	31	29	31	30	31	31	30	29	28	02	284
032	00	12	31	30	31	30	31	31	30	31	28	03	288
033	00	14	31	30	31	30	31	31	30	31	30	04	293
034	00	14	31	30	31	30	31	31	30	31	30	08	297
035	00	14	31	30	31	30	31	31	30	31	30	12	301
036	00	16	31	30	31	30	31	31	30	31	30	16	307
037	00	17	31	30	31	30	31	31	30	31	30	21	313
038	00	18	31	30	31	30	31	31	30	31	30	22	315
039	00	18	31	30	31	30	31	31	30	31	30	29	322
040	00	19	31	30	31	30	31	31	30	31	30	29	323
043	00	19	31	30	31	30	31	31	30	31	30	30	324
044	00	19	31	30	31	30	31	31	30	31	30	31	325

FREQUENCY ANALYSES
DAVIS 1957

Minimum Temperature

Upper Limit Range - °F	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
525	00	00	00	00	01	00	00	00	00	00	00	00	001
523	00	00	00	00	02	00	00	00	00	00	00	00	002
521	00	00	00	00	02	00	00	00	02	00	00	00	004
520	00	00	00	00	02	00	01	00	03	00	00	00	006
519	00	00	00	00	02	00	04	00	03	00	00	00	009
518	00	00	00	00	03	00	05	00	03	00	00	00	011
517	00	00	00	00	03	00	06	00	04	00	00	00	013
516	00	00	01	00	03	01	06	00	04	00	00	00	015
515	00	00	01	00	03	01	10	00	07	00	00	00	022
513	00	00	02	00	03	01	11	00	07	00	00	00	024
512	00	00	02	00	03	02	12	02	10	00	00	00	031
511	00	00	02	00	04	02	14	04	10	00	00	00	036
510	00	00	02	00	05	03	14	05	11	00	00	00	040
509	00	00	02	00	05	04	15	05	11	00	00	00	042
508	00	00	02	00	09	04	16	06	12	00	00	00	049
507	00	00	02	00	09	04	16	08	15	00	00	00	054
506	00	00	02	00	09	04	16	09	15	00	00	00	055
505	00	00	02	01	10	05	18	10	15	00	00	00	061
504	00	00	02	01	10	06	20	14	16	00	00	00	069
503	00	00	02	02	11	08	20	15	17	00	00	00	075
502	00	00	03	02	12	08	21	16	17	02	00	00	081
501	00	00	03	02	14	09	21	19	18	03	00	00	089
500	00	00	04	03	15	10	21	19	18	03	00	00	093
001	00	00	04	06	15	12	21	21	19	07	00	00	105
002	00	00	04	08	17	12	22	22	20	10	00	00	115
003	00	00	04	09	21	13	23	24	22	10	00	00	126
004	00	00	04	09	21	13	23	24	23	10	00	00	127
005	00	00	04	10	21	16	24	25	24	12	01	00	137
006	00	00	07	10	24	16	24	26	26	12	01	00	146
007	00	00	08	10	24	16	24	27	26	13	02	00	150
008	00	00	09	11	25	17	24	27	27	15	03	00	158
009	00	00	11	13	25	17	26	29	28	16	03	00	168
010	00	00	11	14	25	17	27	29	28	16	03	00	170
011	00	00	12	16	25	19	27	29	28	16	05	00	177
012	00	00	14	20	26	20	29	29	28	16	10	00	192
013	00	00	14	21	26	21	31	31	29	16	13	00	202
014	00	01	15	22	29	21	31	31	30	17	15	00	212
015	00	01	17	24	29	23	31	31	30	19	17	00	222
016	00	01	19	24	29	24	31	31	30	21	18	00	228
017	00	01	20	24	29	25	31	31	30	21	19	00	231
018	00	01	22	25	29	25	31	31	30	23	22	00	239
019	00	06	23	25	30	26	31	31	30	24	22	00	248
020	00	07	28	25	30	27	31	31	30	25	25	00	259
021	00	09	31	26	30	27	31	31	30	29	28	00	272
022	00	11	31	27	31	29	31	31	30	31	29	00	281
023	00	13	31	27	31	29	31	31	30	31	30	01	285
024	00	13	31	29	31	30	31	31	30	31	30	02	289
025	00	14	31	29	31	30	31	31	30	31	30	04	292
026	00	15	31	30	31	30	31	31	30	31	30	04	294
027	00	16	31	30	31	30	31	31	30	31	30	12	303
028	00	17	31	30	31	30	31	31	30	31	30	15	307
029	00	18	31	30	31	30	31	31	30	31	30	20	313
030	00	19	31	30	31	30	31	31	30	31	30	27	321
031	00	19	31	30	31	30	31	31	30	31	30	28	322
032	00	19	31	30	31	30	31	31	30	31	30	30	324
033	00	19	31	30	31	30	31	31	30	31	30	31	325

FREQUENCY ANALYSES
DAVIS 1957

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	01	00	01	01	04	01	03	01	01	00	013
20	00	07	12	09	17	08	16	12	17	07	15	13	133
30	00	14	21	17	21	14	21	21	24	11	23	22	209
40	00	19	26	23	27	17	26	26	27	20	27	27	265
50	00	19	30	28	30	24	29	29	28	24	30	30	301
60	00	19	31	30	31	28	30	31	30	27	30	30	317
70	00	19	31	30	31	29	31	31	30	28	30	31	321
80	00	19	31	30	31	30	31	31	30	31	30	31	325

Screen Temperature v Frost Point Depression

Frost Point Depression

	°F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>14	Total
Feb.	014	000	00	00	00	00	00	00	00	00	00	00	00	01	00	00	00	001
	019	000	00	00	00	00	00	00	00	00	00	00	00	01	00	00	01	002
	021	000	00	00	00	00	00	00	00	00	00	00	00	01	02	00	06	009
	022	000	00	00	00	00	00	00	00	01	00	00	00	02	02	00	07	012
	023	000	00	00	00	00	01	01	00	01	01	00	00	04	03	00	13	024
	024	000	00	00	01	00	02	01	00	01	01	01	01	04	04	00	13	029
	025	000	00	00	01	00	02	01	00	01	01	01	01	04	04	00	15	031
	026	000	00	00	01	00	02	01	01	01	01	01	02	05	04	00	17	036
	027	000	00	00	01	00	02	01	01	01	02	02	02	05	04	00	21	042
	028	000	00	01	01	00	02	01	01	01	02	02	02	05	04	00	26	048
	029	000	00	01	01	00	02	01	01	01	02	02	03	05	04	01	28	052
	030	001	00	01	03	00	02	01	01	01	02	02	03	05	04	01	31	058
	031	001	00	01	03	00	02	01	01	01	02	02	04	06	04	01	32	061
	032	001	00	02	03	00	03	01	01	01	02	02	04	06	04	01	35	066
	034	001	00	02	03	00	04	01	02	01	02	02	04	06	04	01	36	069
	035	001	00	02	03	00	05	01	02	01	02	02	04	07	05	01	36	072
	036	001	00	02	03	00	05	01	02	01	02	02	04	07	06	01	37	074
	037	001	00	02	03	00	05	01	02	01	02	02	04	07	06	01	38	075
	038	001	00	02	03	00	05	01	02	01	02	02	04	07	06	01	39	076
Mar.	509	000	00	00	00	00	00	00	01	01	00	00	00	00	00	00	00	002
	506	000	00	00	00	00	00	00	01	02	00	00	00	00	00	00	00	003
	000	000	00	00	00	00	00	00	01	02	00	03	00	00	00	00	00	006
	001	000	00	00	00	00	00	00	01	02	00	03	01	00	00	00	00	007
	002	000	00	00	00	00	00	00	02	03	00	03	01	00	00	00	00	009
	004	000	00	00	00	00	00	00	02	03	00	03	02	00	00	00	00	010
	005	000	00	00	00	00	00	00	02	03	01	03	02	00	00	00	00	011
	007	000	00	00	00	00	00	01	02	03	02	03	03	00	00	00	00	014
	008	000	00	00	00	00	00	01	02	03	04	04	03	00	00	00	00	017
	009	000	00	00	00	00	00	01	02	03	05	04	03	00	00	00	01	019
	010	000	00	00	00	00	01	01	02	04	05	04	03	00	00	00	01	021
	012	000	00	00	00	00	01	01	02	04	05	05	03	00	01	00	01	023
	013	000	00	01	00	00	01	01	02	05	06	07	03	00	01	01	02	030
	014	000	00	02	00	01	01	01	02	05	06	07	03	00	01	01	03	033
	015	001	00	03	00	01	01	03	02	05	07	07	03	00	01	01	05	040
	016	001	00	03	00	01	01	03	03	05	07	07	04	00	01	01	05	042
	017	002	01	05	00	02	01	03	04	05	07	08	05	00	01	01	07	052
	018	002	01	05	00	02	01	03	04	05	07	10	05	00	01	01	07	054
	019	002	01	05	01	02	01	04	06	06	08	10	05	00	02	01	07	061
	020	002	02	06	02	04	02	04	07	06	08	10	05	01	02	03	09	073
	021	002	02	06	02	06	03	05	07	06	08	12	05	02	03	03	11	083
	022	002	03	08	02	07	04	06	07	06	08	12	05	02	03	03	13	091
	023	002	03	09	02	07	05	06	08	06	08	13	06	02	05	03	14	099
	024	002	03	09	02	07	05	06	09	07	09	13	06	02	06	03	14	103
	025	002	03	10	02	07	05	07	09	07	09	13	06	02	07	05	16	110
	026	002	03	10	02	08	05	08	09	07	09	13	06	02	07	05	20	116
	027	002	03	10	02	08	05	08	09	07	09	13	06	02	08	05	25	122
	029	002	03	10	02	08	05	08	09	07	09	13	07	02	08	05	26	124

FREQUENCY ANALYSES
DAVIS 1957

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
Apr.	504	000	00	00	01	00	00	00	00	00	00	00	00	00	00	00	00	001
	503	000	00	00	02	01	00	00	00	00	00	00	00	00	00	00	00	003
	502	000	00	00	03	01	00	00	00	00	00	00	00	00	00	00	00	004
	501	000	00	00	03	01	01	00	00	00	00	00	00	00	00	00	00	005
	000	000	00	00	04	02	01	00	00	00	00	00	00	00	00	00	00	007
	001	000	00	00	05	02	01	00	00	00	01	01	00	00	00	00	00	010
	002	000	00	00	06	02	01	00	00	00	02	02	01	00	00	02	01	017
	003	000	00	00	06	02	01	00	00	00	05	03	01	01	01	02	01	023
	004	000	00	00	06	02	01	00	00	00	06	03	03	01	01	02	03	028
	005	001	00	00	07	02	01	00	00	00	08	03	05	01	01	02	03	034
	006	001	01	00	07	02	01	00	00	00	09	04	05	01	01	02	04	038
	007	002	02	00	07	02	01	00	01	01	10	04	05	01	03	02	04	045
	008	002	02	00	07	03	01	02	02	01	10	04	06	01	03	02	05	051
	009	002	02	00	07	03	01	04	02	03	10	05	06	01	03	02	06	057
	010	003	03	00	07	03	01	06	03	04	10	05	07	01	03	02	06	064
	011	003	04	00	07	03	02	08	04	05	10	06	08	01	04	02	07	074
	012	003	04	00	08	04	02	09	05	06	10	06	08	01	05	02	07	080
	013	004	04	00	08	06	03	10	08	06	13	07	08	03	08	02	08	098
	014	004	06	00	08	08	03	11	09	08	15	12	08	06	12	03	09	122
	015	004	09	01	09	08	03	11	13	10	18	13	08	09	13	03	13	145
	016	004	09	01	09	08	04	11	15	11	19	14	11	10	14	04	13	157
	017	004	09	01	09	08	04	12	15	11	20	15	12	10	15	04	15	164
	018	004	09	01	09	08	04	13	15	12	21	15	12	10	15	04	16	168
	019	004	09	01	09	08	05	14	15	12	24	15	12	10	15	04	18	175
	020	004	09	01	09	08	05	15	15	12	24	15	12	10	15	04	19	177
	021	004	09	01	09	09	05	17	15	12	24	16	12	10	15	05	21	184
	022	004	09	01	09	09	05	17	15	12	25	16	12	11	16	06	21	188
	023	004	09	01	09	09	05	17	16	12	25	16	12	11	16	06	23	191
	024	004	09	01	10	09	05	17	16	12	25	17	13	11	16	06	24	195
	025	004	09	01	11	11	06	17	17	12	25	17	14	11	18	07	24	204
	026	004	11	01	12	11	07	17	17	12	25	17	14	11	18	08	26	211
	027	004	11	01	13	11	07	17	19	12	25	17	14	13	19	09	29	221
	028	004	11	01	14	11	07	17	19	12	25	18	15	14	19	09	29	225
	029	004	11	03	15	11	09	17	19	12	25	18	15	14	21	09	29	232
	030	004	11	03	15	11	09	17	19	12	25	18	15	14	25	09	30	237
	031	004	11	03	15	11	09	17	19	12	25	18	15	14	26	09	31	239
May.	523	000	00	00	00	00	00	00	01	00	00	00	00	00	00	00	00	001
	522	000	00	00	00	00	01	00	01	01	00	00	00	00	00	00	00	003
	521	000	00	00	00	00	04	02	02	01	00	00	00	00	00	00	00	009
	520	000	00	00	00	00	04	03	03	01	00	00	00	00	00	00	00	011
	519	000	00	00	00	00	04	03	04	01	00	00	00	00	00	00	00	012
	518	000	00	00	00	00	05	04	04	01	01	00	00	00	00	00	00	015
	516	000	00	00	00	00	05	04	04	01	02	00	00	00	00	00	00	016
	515	000	00	00	00	00	06	04	04	01	02	00	00	00	00	00	00	017
	511	000	00	00	00	00	06	04	04	02	02	00	00	00	00	00	00	018
	509	000	00	00	00	00	06	04	04	03	02	00	00	01	00	00	00	020
	508	000	00	00	00	01	06	04	04	03	02	00	01	01	01	00	00	023
	507	000	00	00	00	01	06	04	05	03	03	03	02	01	02	00	00	030
	506	000	00	00	00	01	06	04	06	04	03	03	02	02	02	00	00	033
	505	000	00	00	00	01	06	04	07	07	03	05	03	05	03	00	00	044
	504	000	00	00	00	01	06	04	07	07	03	08	04	06	04	00	00	050
	503	000	00	00	00	01	06	04	07	08	03	10	04	06	04	00	00	053
	502	000	00	00	00	01	06	04	07	09	05	12	07	06	04	00	00	061
	501	000	00	00	00	01	06	04	08	09	05	13	08	08	04	00	00	066
	500	000	00	00	00	01	06	04	09	10	05	18	10	11	04	00	00	078
	001	000	00	00	00	01	06	04	11	12	07	21	14	12	04	00	00	092
	002	000	00	00	00	01	06	04	12	13	08	22	15	13	04	00	00	098
	003	000	00	00	00	01	07	04	12	13	10	22	15	14	04	00	00	102
	004	000	00	00	01	01	07	04	12	13	11	25	15	15	04	00	00	108
	005	000	00	00	01	01	08	04	12	13	11	27	17	15	05	00	01	115
	006	000	00	00	02	01	08	05	12	14	11	28	18	15	05	00	01	120
	007	000	00	00	02	02	08	06	12	15	13	29	20	16	05	01	03	132
	008	000	00	00	02	02	08	06	12	15	13	30	21	19	06	01	05	140
	009	000	00	00	02	02	08	08	14	16	13	31	21	19	06	02	08	150
	010	000	00	00	02	02	08	08	14	18	14	32	22	19	06	02	08	155
	011	002	00	00	02	04	08	08	15	21	16	34	22	20	06	02	08	168
	012	003	00	00	02	05	08	09	15	21	16	35	23	20	06	02	08	173
	013	006	00	00	03	05	09	09	15	22	17	36	23	20	06	02	08	181
	014	007	00	00	03	06	09	09	15	22	17	36	23	20	06	02	08	183
	015	009	00	02	03	07	09	11	16	22	17	36	24	20	06	02	08	192
	016	009	04	02	04	07	11	13	16	22	17	37	24	20	06	02	09	203
	017	009	05	02	04	07	12	13	17	23	17	38	25	20	06	02	09	209
	018	009	05	02	04	07	13	14	17	23	17	38	25	20	06	02	09	211
	019	009	06	02	04	07	13	14	17	24	17	38	26	20	06	02	09	214
	020	009	08	02	04	07	14	14	17	24	17	38	27	20	06	02	09	218
	021	010	08	02	05	07	14	15	18	24	17	38	27	21	06	02	09	223
	022	010	08	02	05	08	14	15	18	24	17	38	27	22	08	02	09	227
	023	013	09	02	06	08	14	15	19	24	18	38	27	23	08	03	10	237
	024	014	09	02	06	08	14	15	19	24	18	39	27	24	08	03	11	241
	025	014	09	02	06	08	14	15	19	24	18	39	28	24	08	03	11	242
	026	014	09	02	06	08	14	15	19	26	18	39	28	24	08	03	11	244
	027	014	09	02	06	08	14	15	20	27	18	40	28	24	08	03	11	247
	028	014	09	02	06	08	14	15	21	27	18	40	28	24	08	03	11	248

Screen Temperature v Frost Point Depression

Dew Frost Depression

	°F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>14	Total
Jun.	515	000	01	00	00	00	00	00	00	00	00	00	00	00	00	00	00	001
	514	000	01	00	00	01	00	00	00	00	00	00	00	00	00	00	00	002
	513	000	01	00	00	01	00	00	00	01	00	00	00	00	00	00	00	003
	512	000	02	00	00	01	00	00	00	02	00	00	00	00	00	00	00	005
	511	001	03	00	00	01	00	00	00	02	00	00	00	00	00	00	00	007
	510	002	03	00	00	01	00	00	00	03	00	00	00	00	00	00	00	009
	509	004	03	00	00	01	00	00	00	03	00	00	01	00	00	00	00	012
	508	004	03	00	00	01	00	01	00	03	00	00	01	00	00	00	00	013
	507	004	03	00	00	01	00	01	00	03	00	01	02	00	00	00	00	015
	506	004	03	00	00	01	00	01	00	03	00	01	05	00	00	00	00	018
	505	004	03	00	00	01	01	01	00	04	00	02	07	00	00	00	00	023
	504	004	03	00	00	01	01	01	00	04	00	02	08	00	00	00	00	024
	503	004	03	00	00	01	02	01	00	04	01	02	11	00	00	00	00	029
	502	005	03	00	00	01	02	01	00	05	02	04	12	01	00	00	00	036
	501	006	03	00	00	01	02	01	00	05	02	05	12	01	01	00	00	039
	500	006	03	00	00	01	02	01	00	05	03	05	13	01	02	00	00	042
	001	008	03	00	00	02	02	01	00	06	03	05	14	01	04	01	00	050
	002	009	03	00	00	02	02	01	00	06	03	05	14	03	04	01	01	054
	003	011	03	00	02	02	03	02	02	06	04	06	14	04	04	01	01	065
	004	012	03	01	03	02	03	03	02	08	05	06	14	05	04	01	01	073
	005	015	04	01	03	02	04	05	02	08	05	08	15	05	06	02	01	086
	006	015	04	01	03	02	04	05	02	08	05	08	15	06	06	02	01	087
	007	019	04	02	03	02	04	06	02	08	06	08	15	07	07	02	01	096
	008	020	05	02	04	02	04	06	02	08	06	08	15	07	07	02	02	100
	009	022	05	02	04	02	04	06	02	08	06	08	15	07	08	03	03	105
	010	023	06	02	04	02	04	06	02	08	06	08	15	07	09	03	03	108
	011	024	06	02	04	02	04	06	02	08	06	08	17	08	09	04	04	114
	012	026	06	02	05	04	04	06	02	09	06	08	17	08	09	04	05	121
	013	028	07	02	05	04	05	07	02	10	06	08	18	08	09	04	06	129
	014	028	07	02	05	04	07	07	02	11	06	10	18	08	09	04	07	135
	015	028	07	03	08	06	07	08	02	14	06	11	18	09	09	05	07	148
	016	028	07	03	08	07	09	08	03	15	06	11	18	09	09	05	07	153
	017	029	07	05	08	07	09	08	04	15	08	13	18	10	09	05	09	164
	018	030	07	05	09	09	10	08	04	15	09	13	18	10	09	06	11	173
	019	031	07	05	10	09	10	08	04	16	10	13	18	10	10	06	13	179
	020	032	07	05	10	09	10	10	05	17	10	13	19	10	10	06	13	186
	021	033	07	05	11	09	10	11	07	18	11	13	19	12	10	07	15	197
	022	035	07	05	12	09	11	11	07	18	11	13	19	12	10	07	17	203
	023	036	07	07	12	10	11	11	07	19	11	13	19	12	10	07	18	209
	024	037	08	08	13	10	13	11	07	19	14	14	19	12	10	07	18	219
	025	038	08	09	13	11	13	11	07	19	14	14	19	12	11	07	18	223
	026	038	08	10	14	12	13	11	07	19	14	14	19	12	11	07	18	226
	027	039	09	11	14	12	15	12	07	19	14	14	19	12	11	07	18	232
	028	039	10	11	14	12	16	12	08	19	14	14	19	12	11	07	18	235
	029	039	10	12	14	12	16	12	08	19	14	14	19	12	11	07	18	236
	030	039	10	12	14	12	16	13	08	20	14	14	19	12	11	07	18	238
	031	039	10	12	14	12	16	14	08	20	14	14	19	12	11	07	18	239

Screen Temperature v Frost Point Depression

Jul.	°F	Frost Point Depression 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>14	Total
	52 0	000	00	01	01	00	00	00	00	00	00	00	00	00	00	00	00	002
	51 9	000	00	02	01	00	00	00	00	00	00	00	00	00	00	00	00	003
	51 8	001	00	02	01	00	00	00	00	00	00	00	00	00	00	00	00	004
	51 7	001	00	03	03	00	00	00	00	01	00	01	00	00	00	00	00	009
	51 6	002	00	03	04	01	00	00	01	03	00	01	00	00	00	00	00	015
	51 5	004	00	03	04	02	00	01	03	04	00	01	00	00	00	00	00	022
	51 4	004	00	03	06	02	01	01	05	04	02	02	00	00	00	00	00	031
	51 3	005	00	03	07	06	01	02	08	04	02	02	01	00	00	00	00	041
	51 2	006	00	04	07	07	02	02	08	05	04	02	01	00	00	00	00	048
	51 1	006	00	04	09	08	02	02	09	07	05	02	01	00	00	00	00	055
	51 0	006	00	05	10	09	03	03	09	07	06	02	02	00	00	00	00	062
	50 9	006	00	05	11	09	04	04	11	07	05	04	02	00	00	00	00	069
	50 8	006	00	06	15	09	04	05	11	07	06	05	02	00	00	00	00	076
	50 7	006	00	08	16	09	04	05	11	07	07	06	04	00	00	00	00	083
	50 6	006	00	08	16	10	04	06	12	08	07	08	04	00	00	00	00	089
	50 5	006	01	09	16	13	04	06	14	08	07	08	04	00	00	00	00	096
	50 4	006	02	10	16	13	05	07	14	09	07	09	04	00	00	00	00	102
	50 3	006	02	10	16	13	08	08	16	09	08	09	04	00	00	00	00	109
	50 2	006	02	10	16	13	08	08	18	09	09	09	04	00	00	00	00	112
	50 1	006	02	10	17	13	09	09	19	10	10	09	04	00	00	00	00	118
	50 0	007	02	11	17	13	09	09	19	10	11	09	04	00	00	00	00	121
	00 1	007	02	11	17	14	10	09	21	10	12	09	05	00	00	00	00	127
	00 2	007	02	11	17	14	10	09	22	10	12	09	05	00	00	00	00	128
	00 3	007	02	12	17	16	10	12	23	11	14	09	05	00	00	00	00	138
	00 4	008	02	14	17	17	12	14	26	13	14	09	06	00	00	00	00	152
	00 5	008	03	16	17	17	13	15	27	13	14	09	06	00	00	00	00	158
	00 6	008	03	17	17	17	13	15	28	13	14	09	06	00	01	00	00	161
	00 7	008	04	17	17	17	14	15	28	13	14	09	06	00	01	00	00	163
	00 8	008	04	17	17	17	15	15	28	14	14	09	06	00	01	00	00	165
	00 9	008	04	18	17	18	15	15	29	14	14	11	06	00	01	00	00	170
	01 0	008	04	20	17	19	16	15	29	14	15	12	06	00	02	00	00	177
	01 1	008	04	20	18	19	17	16	32	16	16	12	06	00	02	00	00	186
	01 2	008	04	21	18	21	19	16	35	18	17	13	06	01	02	00	00	199
	01 3	008	08	23	21	21	19	16	35	18	18	13	06	01	03	00	00	210
	01 4	008	10	23	21	21	19	16	35	19	18	13	07	01	04	00	00	215
	01 5	008	11	24	22	21	19	16	35	20	18	13	07	03	07	00	00	224
	01 6	008	11	24	22	21	19	16	35	20	19	14	07	03	09	00	00	228
	01 7	008	11	24	22	21	19	16	35	20	19	14	07	04	09	02	00	231
	01 8	009	11	24	22	21	19	16	35	20	19	14	08	04	09	02	00	233
	01 9	009	11	24	22	21	19	16	35	20	19	14	09	04	09	02	00	234
	02 0	009	11	24	22	23	19	16	35	20	19	15	10	04	10	02	00	239
	02 1	009	11	25	22	23	19	16	36	20	20	15	10	04	11	02	00	242
	02 2	009	11	25	22	23	19	16	36	20	20	15	10	04	11	02	00	243
	02 3	009	11	25	22	23	19	16	37	21	21	15	10	04	11	02	00	246
	02 4	009	11	25	22	23	19	16	37	21	21	15	11	04	11	03	00	248

FREQUENCY ANALYSES
DAVIS 1957

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
Aug.	511	000	00	00	00	00	00	00	00	00	00	00	01	00	01	00	00	002
	510	000	00	00	00	00	00	00	00	00	00	00	01	01	03	00	00	005
	509	000	00	00	00	01	00	00	02	00	00	01	02	02	03	01	00	012
	508	000	00	00	01	01	00	00	02	00	00	01	02	02	03	01	00	013
	507	000	00	00	01	02	00	00	02	00	00	02	03	02	06	03	00	021
	506	000	00	00	01	02	00	00	02	00	00	02	03	02	08	03	00	023
	505	000	00	00	02	02	01	00	03	00	00	02	03	02	08	03	00	026
	504	000	00	00	05	03	02	00	03	00	00	03	04	02	08	03	00	033
	503	000	00	02	07	03	03	00	03	00	02	04	04	03	09	03	00	043
	502	000	00	02	08	04	03	00	03	00	02	05	04	04	14	04	01	054
	501	000	00	02	10	04	04	00	03	00	02	06	05	06	16	07	01	066
	500	000	00	02	11	04	05	00	03	00	02	08	06	06	16	07	02	072
	001	000	00	04	11	04	05	00	03	01	03	08	07	09	17	10	02	084
	002	000	00	04	12	04	05	00	03	01	04	09	09	12	18	14	03	098
	003	000	01	05	13	04	07	00	03	02	08	11	11	14	19	14	04	116
	004	000	01	07	13	04	07	01	05	03	08	13	11	14	23	14	04	128
	005	000	06	07	14	05	07	01	06	03	08	14	11	16	24	15	05	142
	006	000	07	13	14	05	07	01	06	03	08	14	11	16	27	15	07	154
	007	000	07	13	15	05	07	01	06	03	08	15	13	18	29	15	07	162
	008	000	07	15	15	05	07	01	06	03	08	15	13	18	30	16	07	166
	009	000	09	16	15	05	08	01	07	03	08	15	13	20	30	17	10	177
	010	000	09	17	15	05	09	01	07	04	09	15	15	21	32	19	10	187
	011	000	10	17	15	05	08	01	07	04	09	15	15	21	33	22	14	196
	012	000	12	18	15	05	08	01	08	04	09	16	15	22	33	24	14	204
	013	001	13	18	15	05	08	01	08	04	09	17	15	22	35	25	17	213
	014	001	13	18	15	05	08	01	08	07	09	17	15	22	37	26	18	220
	015	001	14	18	15	05	08	01	08	07	12	17	18	24	37	26	20	231
	016	001	14	18	15	05	08	01	08	07	12	17	20	24	37	26	22	235
	017	001	14	19	16	05	09	01	08	07	12	17	20	24	37	26	22	237
	018	001	14	19	16	05	09	01	08	07	12	17	21	24	37	26	22	239
	019	001	14	19	17	05	09	01	08	07	12	17	21	24	37	26	22	240
	020	001	14	19	17	05	09	01	11	07	13	18	21	26	37	26	23	248
Sep.	520	000	00	01	00	00	00	00	00	00	00	00	00	00	00	00	00	001
	518	000	00	01	01	00	00	00	00	00	00	00	00	00	00	00	00	002
	517	000	00	03	04	01	00	00	00	00	00	00	00	00	00	00	00	008
	516	000	00	05	04	01	00	00	00	00	00	00	00	00	00	00	00	010
	515	000	00	06	05	01	00	00	00	00	00	00	00	02	00	00	00	014
	514	000	00	08	06	02	00	00	00	00	01	00	00	02	00	00	00	019
	513	000	00	08	06	02	00	00	02	00	01	00	00	03	00	00	00	022
	512	000	00	08	06	03	00	00	02	00	01	01	00	03	00	00	00	024
	511	000	00	10	06	03	01	00	02	03	02	02	01	03	01	00	00	034
	510	000	00	11	06	04	01	01	04	03	02	02	02	03	02	00	00	041
	509	000	00	11	06	04	01	01	04	04	03	02	04	04	02	01	00	047
	508	000	00	12	06	04	01	02	05	04	03	02	06	05	02	01	00	053
	507	000	00	12	07	04	02	02	05	05	03	02	07	05	02	01	00	057
	506	000	00	12	07	04	05	02	06	05	04	03	07	07	03	01	01	067
	505	000	00	13	07	05	05	02	07	05	04	03	08	09	03	01	03	075
	504	000	00	13	07	07	05	03	07	05	04	03	08	09	05	01	03	080
	503	000	00	13	07	08	05	03	08	06	04	03	09	09	06	02	03	086
	502	000	00	13	07	08	05	03	08	06	07	03	09	09	07	02	03	090
	501	000	00	13	07	08	05	03	08	06	07	07	09	10	07	03	03	096
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	002	000	00	14	09	11	05	05	12	08	09	10	14	10	08	04	04	122
	003	000	00	15	09	12	07	07	12	09	08	11	15	10	08	04	04	131
	004	000	00	16	10	12	08	08	12	09	08	11	17	11	08	04	05	139
	005	000	00	16	10	12	08	08	12	10	08	11	17	11	08	04	06	141
	006	000	00	16	10	12	08	08	13	10	08	11	17	11	09	04	07	144
	007	000	00	16	10	12	08	08	13	10	09	11	17	12	10	04	07	147
	008	000	00	16	10	12	08	09	15	10	09	11	18	13	10	04	07	152
	009	000	00	16	10	12	08	10	15	10	09	11	18	13	12	04	07	155
	010	000	00	16	10	12	09	10	15	12	09	12	18	14	13	05	07	162
	011	000	00	16	10	12	09	10	15	12	11	13	19	16	13	08	10	174
	012	000	00	16	10	12	10	10	15	12	11	13	20	16	13	10	10	178
	013	000	00	16	10	12	10	10	15	12	12	13	20	17	16	12	13	188
	014	000	00	16	10	12	10	10	15	13	12	14	20	18	17	13	15	195
	015	000	00	16	10	12	10	10	15	13	12	15	22	19	21	14	16	205
	016	000	00	16	11	12	10	10	15	15	13	15	22	19	22	14	16	210
	017	000	00	16	11	12	10	10	15	15	14	17	23	19	23	15	18	218
	018	000	00	16	11	12	10	10	15	15	14	18	23	19	23	15	18	219
	019	000	00	16	11	12	10	10	16	15	14	18	27	20	25	15	19	228
	020	000	00	16	11	12	10	10	16	15	14	18	27	21	27	16	19	232
	021	000	00	16	11	12	10	10	16	16	14	18	27	21	27	17	19	234
	022	000	00	16	11	12	10	10	17	16	14	18	27	22	27	17	19	236
	023	000	00	17	12	12	10	10	17	16	14	18	27	22	28	17	19	239
	025	000	00	17	12	12	10	10	17	16	14	18	27	22	28	17	20	240

FREQUENCY ANALYSES
DAVIS 1957

Screen Temperature v Dew Point Depression

Dew Point Depression

	°F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>14	Total
Oct.	50 1	000	00	00	00	00	00	00	00	00	00	00	01	01	00	00	00	002
	000	000	00	00	00	00	00	00	00	00	00	01	01	03	00	00	00	005
	001	000	00	00	00	00	00	00	01	00	01	01	01	04	01	00	00	009
	002	000	00	00	01	00	00	00	02	00	02	01	01	04	01	00	00	012
	003	000	00	00	01	00	00	01	02	00	03	01	03	08	01	01	00	021
	004	000	00	00	01	01	00	01	02	00	03	01	03	09	02	02	00	025
	005	000	00	00	01	01	00	02	02	00	03	02	04	12	03	03	00	033
	006	000	00	00	01	01	00	02	02	02	03	02	09	14	03	03	01	043
	007	000	00	00	01	01	00	03	02	02	03	03	11	15	03	03	02	049
	008	000	00	00	01	01	00	03	02	02	03	04	12	16	06	04	03	057
	009	000	00	00	01	01	00	03	02	02	03	05	13	16	06	05	07	064
	010	000	00	00	01	01	00	03	02	02	03	05	14	19	10	06	07	073
	011	000	00	00	01	01	00	03	02	02	03	05	15	19	11	07	09	078
	012	000	00	00	01	01	00	03	03	02	03	06	16	19	12	09	12	087
	013	000	00	00	01	01	00	03	03	02	03	06	16	20	13	09	13	090
	014	000	00	00	01	01	00	03	03	02	03	06	17	21	13	09	14	093
	015	000	00	00	01	01	00	04	03	02	03	06	19	22	13	10	15	099
	016	000	00	00	01	02	00	04	03	03	03	07	19	23	13	10	18	106
	017	000	00	00	01	02	01	04	03	03	03	08	19	24	13	10	21	112
	018	000	01	00	01	03	02	04	03	04	03	09	20	26	13	11	22	122
	019	000	02	00	02	03	02	04	03	04	03	09	21	26	13	11	24	127
	020	002	03	00	02	04	02	05	03	04	03	09	21	26	14	12	25	135
	021	004	04	00	05	05	03	07	03	04	03	10	21	27	15	12	27	150
	022	005	06	00	06	06	05	07	03	05	04	10	21	27	16	12	29	162
	023	007	09	04	06	07	09	09	09	06	06	11	21	27	16	13	30	189
	024	009	09	04	06	07	09	12	10	07	07	12	21	28	17	13	33	204
	025	009	09	04	08	09	09	14	12	11	08	12	21	29	18	14	36	223
	026	009	09	04	09	09	10	14	15	12	09	12	21	29	19	14	37	232
	027	009	09	04	09	10	10	14	16	12	10	12	21	30	19	14	37	236
	028	009	09	04	09	10	10	15	16	12	12	12	21	30	19	14	37	239
	029	009	09	04	09	10	10	16	16	13	12	12	22	30	19	14	38	243
	030	009	09	04	09	10	10	16	16	14	12	13	22	30	19	14	40	247
	031	009	09	04	09	10	10	16	16	14	12	13	22	30	19	14	41	248
Nov.	007	000	02	01	00	00	00	00	00	00	00	00	00	00	00	00	00	003
	009	000	02	02	00	00	00	00	00	00	00	00	00	00	00	00	00	004
	010	000	03	03	00	00	00	00	00	01	00	00	00	00	00	00	00	007
	011	000	03	04	01	00	00	00	00	01	00	00	00	00	00	00	00	009
	012	001	03	04	02	00	01	00	00	01	00	00	00	00	00	00	00	012
	013	005	06	04	03	01	01	00	00	01	00	00	00	00	00	00	01	022
	014	005	06	05	04	02	04	01	00	02	00	00	00	00	00	00	01	030
	015	005	07	11	05	03	05	03	00	03	00	03	01	00	00	00	02	048
	016	005	07	12	06	03	06	03	01	03	01	06	01	01	00	00	03	058
	017	005	07	13	07	04	08	03	03	04	02	06	01	01	00	00	06	070
	018	006	07	13	07	06	09	04	04	04	04	06	02	01	00	00	08	081
	019	006	07	14	07	07	11	04	06	04	07	07	02	02	00	00	11	095
	020	006	07	14	07	07	12	04	06	04	08	08	02	03	03	02	14	107
	021	006	07	14	08	08	14	06	06	05	10	10	06	03	05	03	16	127
	022	006	08	14	09	08	14	08	08	05	11	14	06	04	06	05	20	146
	023	006	09	15	09	08	14	09	08	06	12	16	07	07	07	05	25	163
	024	006	09	15	09	08	14	09	09	06	12	17	08	07	08	05	31	173
	025	006	09	15	09	08	14	09	09	06	12	17	09	10	13	09	39	194
	026	006	09	15	09	08	14	09	10	06	13	17	12	12	15	10	46	211
	027	006	09	15	09	08	15	10	10	06	13	17	12	14	17	10	48	219
	028	006	09	15	09	08	15	10	10	06	14	17	13	14	18	11	58	233
	029	006	09	15	09	08	15	10	10	07	14	17	13	14	18	11	60	236
	030	006	09	15	09	08	15	10	10	07	14	17	13	14	18	11	62	238
	032	006	09	15	09	08	15	10	10	07	14	17	13	14	18	11	64	240
Dec.	024	000	00	00	00	00	00	00	00	00	00	00	00	00	00	00	01	001
	025	000	00	00	00	00	00	00	02	00	00	01	00	00	00	00	02	005
	027	000	00	00	00	01	00	01	04	01	00	01	00	00	01	01	03	013
	028	000	00	01	00	05	00	01	04	02	02	01	00	01	02	01	03	023
	029	000	00	01	03	08	02	03	04	04	02	05	00	02	03	01	08	046
	030	001	01	01	03	08	02	07	05	05	03	05	02	04	05	05	12	069
	031	002	01	02	04	11	05	11	07	07	06	09	05	07	06	08	21	112
	032	002	01	02	04	11	08	11	08	09	10	10	11	08	08	09	25	137
	033	002	01	03	05	11	11	13	08	10	11	11	16	13	13	11	31	170
	034	002	01	03	06	11	14	14	09	10	14	14	16	15	17	15	36	197
	035	002	01	03	06	12	15	15	09	10	16	16	20	17	17	17	43	219
	036	002	01	03	06	12	15	15	09	12	17	16	20	19	18	21	50	236
	037	002	01	03	06	12	15	15	10	13	17	16	20	20	18	23	53	244
	038	002	01	03	06	12	15	15	10	13	17	16	20	20	18	23	54	245
	039	002	01	03	06	12	15	15	10	13	17	16	21	20	18	23	54	246
	041	002	01	03	06	12	15	15	10	13	17	16	21	20	18	23	55	247
	042	002	01	03	06	12	15	15	10	13	17	16	21	20	18	23	56	248

FREQUENCY ANALYSES
DAVIS 1957

	Direction x 10°			Calm	1-9	10-19	20-29	30-39	40-49	≥50	Total
Feb.	35	36	01		008	000	000	000	000	000	008
	02	03	04		005	018	001	000	000	000	024
	05	06	07		006	009	001	000	000	000	016
	08	09	10		007	000	000	000	000	000	007
	11	12	13		004	000	000	000	000	000	004
	14	15	16		001	000	000	000	000	000	001
	17	18	19		001	000	000	000	000	000	001
	20	21	22		000	000	000	000	000	000	000
	23	24	25		004	000	000	000	000	000	004
	26	27	28		000	000	000	000	000	000	000
	29	30	31		002	000	000	000	000	000	002
	32	33	34		003	000	000	000	000	000	003
											006
				006	041	027	002	000	000	000	076
Mar.	35	36	01		003	000	000	000	000	000	003
	02	03	04		004	011	003	003	000	000	021
	05	06	07		008	010	003	002	001	000	024
	08	09	10		008	007	001	000	000	000	016
	11	12	13		013	007	000	000	000	000	020
	14	15	16		002	001	000	000	000	000	003
	17	18	19		003	000	000	000	000	000	003
	20	21	22		005	001	000	000	000	000	006
	23	24	25		003	005	000	000	000	000	008
	26	27	28		001	000	000	000	000	000	001
	29	30	31		000	000	000	000	000	000	000
	32	33	34		003	000	000	000	000	000	003
											016
				016	053	042	007	005	001	000	124
Apr.	35	36	01		000	000	000	000	000	000	000
	02	03	04		009	014	008	003	000	000	034
	05	06	07		020	025	016	003	000	000	064
	08	09	10		038	016	000	000	000	000	054
	11	12	13		028	007	000	000	000	000	035
	14	15	16		009	000	000	000	000	000	009
	17	18	19		009	002	000	000	000	000	011
	20	21	22		004	000	000	000	000	000	004
	23	24	25		001	003	000	000	000	000	004
	26	27	28		000	002	000	000	000	000	002
	29	30	31		001	000	000	000	000	000	001
	32	33	34		002	000	000	000	000	000	002
											017
				019	121	069	024	006	000	000	239
May.	35	36	01		000	001	000	000	000	000	001
	02	03	04		006	010	007	010	000	000	033
	05	06	07		016	016	012	000	000	000	044
	08	09	10		062	007	005	000	000	000	074
	11	12	13		056	016	000	000	000	000	072
	14	15	16		005	000	000	000	000	000	005
	17	18	19		005	002	000	000	000	000	007
	20	21	22		001	000	000	000	000	000	001
	23	24	25		000	000	000	000	000	000	000
	26	27	28		002	000	000	000	000	000	002
	29	30	31		001	000	000	000	000	000	001
	32	33	34		000	000	000	000	000	000	000
											008
				008	154	052	024	010	000	000	248

FREQUENCY ANALYSES
DAVIS 1957

Direction and Speed of Surface Wind

	Direction x 10°	Calm	1-9	10-19	20-29	30-39	40-49	≥50	Total
Jun.	35 36 01		001	000	000	000	000	000	001
	02 03 04		009	014	002	003	000	000	028
	05 06 07		016	021	027	014	003	000	081
	08 09 10		031	005	003	001	000	000	040
	11 12 13		030	003	000	000	000	000	033
	14 15 16		009	001	000	000	000	000	010
	17 18 19		004	000	000	000	000	000	004
	20 21 22		006	003	000	000	000	000	009
	23 24 25		001	000	000	000	000	000	001
	26 27 28		001	000	000	000	000	000	001
	29 30 31		000	000	000	000	000	000	000
	32 33 34		000	000	000	000	000	000	000
									031
		032	108	047	032	018	003	000	240
Jul.	35 36 01		003	001	000	000	000	000	004
	02 03 04		009	003	001	000	000	000	013
	05 06 07		016	014	012	004	000	000	046
	08 09 10		038	006	004	001	000	000	049
	11 12 13		050	011	006	000	000	000	067
	14 15 16		010	000	000	000	000	000	010
	17 18 19		007	000	000	000	000	000	007
	20 21 22		005	001	000	000	000	000	006
	23 24 25		004	000	000	000	000	000	004
	26 27 28		003	000	000	000	000	000	003
	29 30 31		003	000	000	000	000	000	003
	32 33 34		003	000	000	000	000	000	003
									035
		033	151	036	023	005	000	000	248
Aug.	35 36 01		001	000	000	000	000	000	001
	02 03 04		011	011	012	005	001	000	040
	05 06 07		020	024	008	003	002	000	057
	08 09 10		034	024	002	000	000	000	060
	11 12 13		041	009	001	000	000	000	051
	14 15 16		004	000	000	000	000	000	004
	17 18 19		003	001	000	000	000	000	004
	20 21 22		000	000	000	000	000	000	000
	23 24 25		002	000	000	000	000	000	002
	26 27 28		000	000	000	000	000	000	000
	29 30 31		001	000	000	000	000	000	001
	32 33 34		000	000	000	000	000	000	000
									028
		028	117	069	023	008	003	000	248
Sep.	35 36 01		001	000	000	000	000	000	001
	02 03 04		008	009	002	000	000	000	019
	05 06 07		028	021	003	003	000	000	055
	08 09 10		059	016	000	000	000	000	075
	11 12 13		029	002	000	000	000	000	031
	14 15 16		003	001	000	000	000	000	004
	17 18 19		008	001	000	000	000	000	009
	20 21 22		002	000	000	000	000	000	002
	23 24 25		002	001	000	000	000	000	003
	26 27 28		001	000	000	000	000	000	001
	29 30 31		002	000	000	000	000	000	002
	32 33 34		000	000	000	000	000	000	000
									038
		038	143	051	005	003	000	000	240

FREQUENCY ANALYSES
DAVIS 1957

Direction and Speed of Surface Wind

	Direction x 10°	Calm	1-9	10-19	20-29	30-39	40-49	≥50	Total
Oct.	35 36 01		008	001	000	000	000	000	009
	02 03 04		017	029	025	012	001	000	084
	05 06 07		014	013	007	008	011	001	054
	08 09 10		023	010	000	000	000	000	033
	11 12 13		016	005	000	000	000	000	021
	14 15 16		003	000	000	000	000	000	003
	17 18 19		008	001	000	000	000	000	009
	20 21 22		002	000	000	000	000	000	002
	23 24 25		003	000	000	000	000	000	003
	26 27 28		002	000	000	000	000	000	002
	29 30 31		005	000	000	000	000	000	005
	32 33 34		001	000	000	000	000	000	001
									022
		022	102	059	032	020	012	001	246
Nov.	35 36 01		019	006	000	000	000	000	025
	02 03 04		017	031	003	000	000	000	051
	05 06 07		015	020	016	000	000	000	051
	08 09 10		006	000	001	000	000	000	007
	11 12 13		004	001	000	000	000	000	005
	14 15 16		003	000	000	000	000	000	003
	17 18 19		004	001	000	000	000	000	005
	20 21 22		010	014	000	000	000	000	024
	23 24 25		022	010	001	000	000	000	033
	26 27 28		006	000	000	000	000	000	006
	29 30 31		009	000	000	000	000	000	009
	32 33 34		001	000	000	000	000	000	001
									020
		020	116	083	021	000	000	000	240
Dec.	35 36 01		045	010	000	000	000	000	055
	02 03 04		032	030	007	000	000	000	069
	05 06 07		011	017	003	006	001	000	038
	08 09 10		009	002	000	000	000	000	011
	11 12 13		002	000	000	000	000	000	002
	14 15 16		003	000	000	000	000	000	003
	17 18 19		003	000	000	000	000	000	003
	20 21 22		011	003	000	000	000	000	014
	23 24 25		015	000	000	000	000	000	015
	26 27 28		008	000	000	000	000	000	008
	29 30 31		003	000	000	000	000	000	003
	32 33 34		004	000	000	000	000	000	004
									023
		023	146	062	010	006	001	000	246

FREQUENCY ANALYSES
MACQUARIE ISLAND 1957

Station Level Pressure

Upper Limit Range - mb	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
965	000	002	000	000	002	003	000	000	000	003	004	000	0014
970	001	004	000	000	004	005	001	000	000	008	022	008	0053
975	005	006	003	004	023	007	003	001	000	023	027	015	0117
980	031	011	005	009	047	011	006	003	008	077	046	024	0278
985	051	027	013	026	065	036	014	016	017	115	066	049	0493
990	088	042	052	043	088	092	024	025	041	156	108	084	0843
995	130	066	078	080	127	135	040	035	073	194	132	132	1222
1000	202	098	097	128	158	180	057	057	098	225	164	173	1637
1005	244	156	123	168	181	210	087	081	129	233	206	190	2008
1010	248	193	151	192	206	237	133	131	172	246	225	210	2344
1015	248	207	208	211	233	240	192	202	204	248	240	224	2657
1020	248	216	233	225	248	240	238	235	240	248	240	224	2835
1025	248	224	248	230	248	240	248	248	240	248	240	224	2886
1030	248	224	248	240	248	240	248	248	240	248	240	224	2896

Maximum Temperature

Upper Limit Range - °F													
31	00	00	00	00	00	02	00	00	00	00	00	00	002
32	00	00	00	00	00	02	00	00	00	01	00	00	003
34	00	00	00	00	01	03	02	00	00	01	00	00	007
35	00	00	00	00	03	03	02	00	00	01	00	00	009
36	00	00	00	00	04	04	04	02	00	03	00	00	017
37	00	00	00	00	08	06	04	02	00	05	00	00	025
38	00	00	00	00	09	07	07	03	00	05	01	00	032
39	00	00	00	00	10	10	10	04	01	07	02	00	044
40	00	00	02	00	13	13	14	08	05	12	04	00	071
41	00	00	02	00	13	18	20	12	09	14	04	01	093
42	00	00	02	04	17	23	22	17	15	16	06	02	124
43	00	00	07	06	23	29	28	23	22	21	09	07	175
44	00	01	07	13	26	30	31	29	27	26	15	15	220
45	00	03	09	18	30	30	31	31	30	31	24	19	256
46	01	07	14	28	31	30	31	31	30	31	30	27	291
47	04	11	18	30	31	30	31	31	30	31	30	30	307
48	08	18	25	30	31	30	31	31	30	31	30	31	326
49	23	25	30	30	31	30	31	31	30	31	30	31	353
50	26	27	31	30	31	30	31	31	30	31	30	31	359
51	29	28	31	30	31	30	31	31	30	31	30	31	363
52	31	28	31	30	31	30	31	31	30	31	30	31	365

Minimum Temperature

19	00	00	00	00	00	00	01	00	00	00	00	00	001
24	00	00	00	00	00	04	02	00	00	00	00	00	006
25	00	00	00	00	00	05	04	00	00	00	00	00	009
27	00	00	00	00	00	07	04	01	00	01	00	00	013
28	00	00	00	00	01	08	04	01	00	02	00	00	016
29	00	00	00	00	02	09	04	02	00	04	00	00	021
30	00	00	00	00	03	09	05	02	00	05	00	00	024
31	00	00	00	01	07	09	07	04	00	10	02	00	040
32	00	00	01	02	11	09	07	04	02	11	04	00	051
33	00	00	02	03	13	13	10	06	04	12	05	00	068
34	00	00	02	03	13	17	13	10	05	17	06	00	086
35	00	00	03	04	16	20	17	14	08	19	09	01	111
36	00	00	03	06	17	23	18	15	11	19	10	03	125
37	00	01	04	08	20	23	24	19	16	20	13	06	154
38	02	01	07	09	22	26	26	19	19	24	16	09	180
39	03	02	08	16	25	28	29	22	23	29	22	18	225
40	03	03	09	19	26	28	29	23	27	30	23	22	242
41	07	09	13	22	28	29	31	28	30	31	27	29	284
42	09	12	18	26	31	30	31	30	30	31	29	30	307
43	15	18	22	28	31	30	31	31	30	31	30	31	328
44	25	20	27	30	31	30	31	31	30	31	30	31	347
45	28	25	30	30	31	30	31	31	30	31	30	31	358
46	31	28	30	30	31	30	31	31	30	31	30	31	364
47	31	28	31	30	31	30	31	31	30	31	30	31	365

FREQUENCY ANALYSES
MACQUARIE ISLAND 1957

Terrestrial Minimum Temperature

Upper Limit Range - °F	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
19	00	00	00	00	00	00	01	00	00	00	00	00	001
21	00	00	00	00	00	00	02	00	00	00	00	00	002
22	00	00	00	00	00	02	02	00	00	00	00	00	004
23	00	00	00	00	00	03	03	01	00	00	00	00	007
24	00	00	00	01	00	05	04	01	00	00	01	00	012
25	00	00	00	01	01	05	04	01	00	03	01	00	016
26	00	00	00	01	02	06	04	01	00	03	01	00	018
27	00	00	00	02	06	06	06	02	00	03	01	00	026
28	00	00	00	02	06	06	06	04	01	03	01	00	029
29	00	00	02	03	07	07	08	05	03	06	03	01	045
30	00	00	03	03	10	09	09	05	04	10	03	03	059
31	00	00	04	05	14	13	09	09	05	12	05	05	081
32	00	00	04	06	16	16	14	13	07	15	06	06	103
33	00	01	04	07	18	17	15	16	11	20	08	07	124
34	01	01	07	09	19	19	19	16	12	20	09	09	141
35	02	01	08	09	21	21	21	18	14	22	13	11	161
36	03	01	08	12	22	22	26	19	17	25	16	15	186
37	05	02	10	14	25	24	28	20	21	29	18	19	215
38	10	04	13	15	26	25	31	23	24	29	21	22	243
39	11	09	16	21	29	25	31	26	26	30	23	27	274
40	13	12	20	24	31	26	31	28	29	31	25	28	298
41	19	19	22	25	31	27	31	31	30	31	29	31	326
42	24	20	23	26	31	27	31	31	30	31	29	31	334
43	26	22	27	27	31	27	31	31	30	31	30	31	344
44	27	24	30	27	31	27	31	31	30	31	30	31	350
45	31	27	30	27	31	27	31	31	30	31	30	31	357
46	31	28	31	27	31	27	31	31	30	31	30	31	359

Speed of Maximum Wind Gust

Upper Limit Range - Knots													
20	02	01	00	01	01	00	01	04	00	02	01	04	017
30	06	03	04	10	07	06	05	08	07	05	08	17	086
40	16	12	17	19	14	10	13	12	13	13	23	26	188
50	26	20	28	28	20	20	22	21	25	23	30	31	294
60	28	26	29	30	26	24	26	26	28	27	30	31	331
70	30	27	30	30	31	30	29	29	30	30	30	31	357
80	31	28	31	30	31	30	30	31	30	31	30	31	364
90	31	28	31	30	31	30	31	31	30	31	30	31	365

Daily Amount of Precipitation

Range - Points													
000	01	02	01	02	00	00	00	00	00	00	01	08	015
005	13	10	11	15	12	10	14	17	21	14	17	17	171
010	19	15	14	24	18	18	18	23	23	19	22	22	235
020	24	20	20	24	25	23	26	28	26	24	28	26	294
030	27	22	23	26	27	26	27	28	27	25	28	28	314
040	29	22	24	28	29	27	27	29	27	27	28	30	327
050	30	24	24	29	29	28	27	29	27	28	28	30	333
060	30	25	24	29	29	28	27	29	28	29	28	30	336
070	31	25	24	29	29	28	28	29	28	29	28	30	338
080	31	26	24	29	29	28	28	29	28	29	28	31	340

FREQUENCY ANALYSES
MACQUARIE ISLAND 1957

Screen Temperature v Dew Point Depression

Dew Point Depression

	°F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>14	Total
Jan.	39	000	00	02	00	00	00	00	00	00	00	00	00	00	00	00	00	002
	40	000	01	02	00	00	00	00	00	00	00	00	00	00	00	00	00	003
	41	001	01	02	00	01	02	00	00	00	00	00	00	00	00	00	00	007
	42	001	02	02	00	01	05	00	00	00	00	00	00	00	00	00	00	011
	43	001	02	04	02	02	07	01	00	01	00	01	00	00	00	00	00	021
	44	002	04	04	04	02	08	02	01	02	00	01	00	00	00	00	00	030
	45	011	11	15	10	07	11	06	05	03	02	01	00	01	00	00	00	083
	46	022	16	28	15	13	16	06	06	04	02	01	00	01	00	00	00	130
	47	044	28	38	19	17	17	07	07	04	02	01	00	01	00	00	00	185
	48	048	40	45	23	19	18	13	09	04	04	01	00	01	00	01	00	226
	49	049	43	48	26	20	18	15	10	04	04	01	00	01	00	01	00	240
	50	049	43	49	28	23	18	15	10	04	04	01	00	01	00	01	00	246
	51	049	43	49	29	23	18	15	10	04	04	01	00	01	00	01	00	247
	52	049	43	49	29	24	18	15	10	04	04	01	00	01	00	01	00	248
Feb.	41	000	01	01	00	00	01	00	00	00	00	00	00	00	00	00	00	003
	42	000	01	02	00	00	05	01	02	01	00	00	00	00	00	00	00	012
	43	001	01	02	01	00	10	06	04	11	01	00	00	00	00	00	00	037
	44	001	05	08	01	02	13	11	08	15	02	02	00	00	00	00	00	068
	45	005	07	10	01	05	16	15	14	16	03	05	00	00	02	00	00	099
	46	014	21	18	02	05	17	18	18	16	05	08	00	00	02	01	00	145
	47	027	31	24	05	06	17	18	21	16	08	08	00	00	02	01	00	184
	48	034	43	27	06	07	17	18	22	16	09	08	00	00	02	01	00	210
	49	035	45	31	09	08	18	19	22	16	09	08	00	00	02	01	00	223
	51	035	46	31	09	08	18	19	22	16	09	08	00	00	02	01	00	224
Mar.	34	001	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	001
	35	001	00	00	00	00	00	00	01	00	01	00	00	00	00	00	00	003
	36	001	00	00	00	00	00	00	01	00	01	01	00	00	00	00	00	004
	37	001	00	00	01	00	00	01	01	01	01	02	00	01	00	00	01	010
	38	001	00	00	01	00	00	02	02	01	01	03	02	02	00	01	02	018
	39	001	00	01	02	00	00	03	03	01	01	03	02	02	00	01	02	022
	40	001	00	01	04	00	02	03	03	02	01	03	03	02	00	01	03	029
	41	001	00	01	07	03	05	05	03	03	03	03	05	02	00	01	03	045
	42	001	01	01	12	06	08	09	04	04	03	03	05	03	00	01	03	064
	43	001	02	03	16	07	10	11	05	06	05	06	05	03	00	01	03	084
	44	001	05	04	16	09	14	12	08	07	07	07	05	03	00	01	03	102
	45	007	21	20	19	12	20	15	11	08	08	07	05	03	00	01	03	160
	46	014	33	35	20	13	21	15	11	08	08	08	06	03	00	01	03	199
	47	021	38	41	24	14	22	16	12	08	09	08	06	03	00	01	03	226
	48	022	46	45	25	16	22	16	13	08	09	08	06	03	00	01	03	243
	49	022	48	47	25	17	22	16	13	08	09	08	06	03	00	01	03	248
Apr.	33	000	00	00	01	00	01	00	00	01	00	00	00	00	00	00	00	003
	34	000	00	00	01	00	01	01	00	01	00	00	00	00	00	00	00	004
	35	000	00	00	01	00	01	02	00	01	00	00	00	00	00	00	00	005
	36	000	00	00	01	00	01	02	00	02	00	02	00	00	00	00	00	008
	37	000	00	00	02	01	03	03	00	02	00	02	00	00	00	00	00	013
	38	000	00	00	04	01	03	04	00	03	00	02	01	00	00	00	00	018
	39	001	00	01	06	05	04	05	01	05	02	02	02	00	00	00	00	034
	40	005	01	02	06	06	05	07	03	08	02	02	04	00	00	00	00	051
	41	009	05	08	06	06	08	10	05	11	05	05	04	01	00	00	00	083
	42	013	09	12	09	07	09	13	06	14	07	06	04	01	00	00	00	110
	43	019	24	18	11	12	13	15	07	17	07	06	05	02	00	00	00	156
	44	022	33	25	14	13	17	15	09	18	07	06	05	02	00	00	00	186
	45	038	44	34	17	14	18	17	09	18	07	06	05	02	00	00	00	229
	46	041	46	40	17	14	18	17	09	18	07	06	05	02	00	00	00	240

FREQUENCY ANALYSES
MACQUARIE ISLAND 1957

Screen Temperature v Dew Point Depression

Dew Point Depression

	°F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>14	Total
May.	30	000	01	00	00	00	00	00	00	00	00	00	00	00	00	00	00	001
	31	000	03	00	00	02	00	00	00	01	00	00	00	01	00	00	00	007
	32	000	03	00	05	03	01	02	00	01	02	01	01	01	00	00	00	020
	33	000	04	00	06	05	02	02	00	03	03	02	02	02	00	01	00	032
	34	000	06	03	06	07	03	03	05	07	06	02	03	02	00	01	00	054
	35	000	06	05	10	09	04	05	07	08	08	02	03	04	00	01	02	074
	36	000	06	05	11	10	08	05	09	08	08	03	05	05	01	03	03	090
	37	000	08	07	13	12	09	06	09	09	08	05	06	06	01	04	03	106
	38	003	08	07	16	12	11	06	09	09	08	05	07	07	01	04	03	116
	39	005	08	09	17	13	12	09	10	09	09	05	07	07	01	04	03	128
	40	008	09	10	17	15	14	10	12	11	09	05	08	07	01	04	03	143
	41	015	13	13	19	16	15	11	16	12	09	05	08	07	01	04	03	167
	42	028	19	22	22	18	18	11	16	12	09	05	08	07	01	04	03	203
	43	032	25	33	26	19	23	12	16	12	09	05	08	07	01	04	03	235
	44	032	29	34	27	20	23	12	16	12	09	05	08	07	01	04	03	242
	45	032	30	37	29	20	23	12	16	12	09	05	08	07	01	04	03	248
Jun.	24	000	00	00	01	00	00	00	00	00	00	00	00	00	00	00	00	001
	25	000	00	00	01	01	00	01	00	00	01	00	00	00	00	00	00	004
	26	000	00	00	01	01	00	01	00	00	01	02	01	01	00	00	00	008
	27	000	01	00	01	03	01	01	00	00	02	03	01	01	00	00	00	014
	28	000	01	00	01	03	01	01	02	00	02	03	01	01	01	01	00	018
	29	000	01	00	01	04	03	01	05	01	03	03	01	03	01	01	00	028
	30	000	01	01	01	04	03	01	07	02	06	03	01	03	01	01	00	035
	31	002	01	01	01	05	03	02	07	02	07	04	01	03	01	01	00	041
	32	002	02	02	01	05	03	02	07	02	07	04	01	03	02	01	00	044
	33	004	02	03	04	06	04	02	07	02	07	04	01	03	02	01	00	052
	34	004	04	06	04	06	04	03	08	05	08	04	01	03	02	01	00	063
	35	004	05	09	09	07	05	04	09	06	08	05	03	03	02	01	00	080
	36	005	09	10	10	08	06	04	09	10	12	06	03	03	02	01	01	099
	37	007	09	11	13	08	08	06	11	10	12	07	03	05	02	01	01	114
	38	011	09	13	15	11	09	06	11	10	13	07	04	06	02	01	01	129
	39	020	13	18	16	12	10	09	11	11	13	07	04	06	02	01	01	154
	40	024	22	21	19	12	10	09	12	11	13	07	04	06	02	01	01	174
	41	033	36	30	19	14	10	09	12	11	13	07	04	06	02	01	01	208
	42	045	38	33	20	15	10	09	12	11	13	07	04	06	02	01	01	227
	43	050	46	33	20	15	10	09	12	11	13	07	04	06	02	01	01	240
Jul.	20	000	00	00	00	00	00	01	00	00	01	00	00	00	00	00	00	002
	23	000	00	00	00	01	00	01	01	00	01	00	00	00	00	00	00	004
	26	000	00	01	00	01	00	01	01	00	02	00	00	00	00	00	00	006
	27	000	00	02	00	02	00	01	01	00	02	01	00	00	00	00	00	009
	28	000	00	03	01	02	00	01	03	01	02	01	00	00	00	00	00	014
	29	000	00	03	01	02	00	01	04	01	02	01	00	00	00	00	00	015
	30	000	00	03	02	02	00	01	04	01	03	01	00	00	01	00	00	018
	31	000	00	03	02	03	00	02	04	03	03	01	00	00	01	00	00	022
	32	001	00	03	05	03	00	02	04	03	04	01	00	00	01	00	00	027
	33	003	00	05	09	03	01	02	04	03	04	02	01	00	01	00	00	038
	34	006	01	06	12	04	01	02	05	03	04	02	01	00	01	00	00	048
	35	007	04	07	13	05	02	03	07	03	07	03	01	00	01	01	01	065
	36	009	06	09	14	05	04	03	10	04	08	04	01	00	02	01	01	081
	37	011	09	10	18	07	08	03	12	05	09	04	02	02	02	01	01	104
	38	021	11	15	20	12	10	05	13	05	10	04	02	02	02	01	01	134
	39	026	14	21	21	14	12	07	16	08	11	04	02	02	02	01	01	162
	40	035	17	23	23	16	15	07	16	10	11	04	02	02	02	01	01	185
	41	042	26	33	25	17	15	07	16	10	11	04	02	02	02	01	01	214
	42	046	27	37	27	17	17	07	16	10	11	04	02	02	02	01	01	227
	43	052	28	43	27	18	17	08	16	10	11	04	02	02	02	01	01	242
	44	053	29	44	28	19	17	08	17	10	11	04	02	02	02	01	01	248
Aug.	29	001	00	00	00	01	01	00	00	00	00	00	00	01	00	00	01	005
	31	001	00	00	00	01	01	00	00	00	00	00	00	01	00	01	01	006
	32	001	00	00	00	01	02	00	00	02	00	00	00	01	01	01	01	010
	33	001	00	00	00	02	02	02	00	03	01	00	00	02	01	01	01	016
	34	001	01	00	00	03	02	03	04	04	01	00	00	02	01	01	01	024
	35	001	02	05	03	04	04	05	05	04	02	01	00	02	01	01	01	041
	36	001	02	06	08	05	04	07	05	04	03	02	00	02	01	01	01	052
	37	001	06	07	10	08	07	07	05	04	03	02	01	02	01	01	01	066
	38	004	07	12	11	08	08	07	07	04	03	04	01	03	01	01	01	082
	39	010	08	20	13	08	09	09	07	05	03	04	01	03	01	01	01	103
	40	015	11	25	16	10	10	09	07	07	03	04	01	03	01	01	01	124
	41	026	22	31	18	12	11	10	09	08	03	04	02	03	01	01	01	162
	42	039	31	37	21	13	13	10	09	11	03	04	02	03	01	01	01	199
	43	042	35	47	27	15	14	10	09	12	03	04	02	03	01	01	01	226
	44	050	39	53	30	15	14	10	09	12	03	04	02	03	01	01	01	247
	45	050	39	54	30	15	14	10	09	12	03	04	02	03	01	01	01	248

FREQUENCY ANALYSES
MACQUARIE ISLAND 1957

Screen Temperature v Dew Point Depression

Dew Point Depression

	°F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>14	Total
Sep.	32	000	00	00	00	00	00	00	01	00	00	00	00	00	00	00	00	001
	34	000	00	01	01	00	00	00	01	01	00	00	00	00	01	00	01	006
	35	000	00	02	01	00	01	03	02	01	00	00	02	00	02	00	03	017
	36	000	00	02	01	01	01	03	03	02	00	00	02	00	02	00	04	021
	37	000	00	02	02	01	06	07	04	03	00	00	02	00	02	01	04	034
	38	000	00	03	02	03	08	09	04	05	00	01	04	01	02	01	04	047
	39	003	02	05	04	05	09	10	07	09	01	03	04	01	02	01	05	071
	40	012	07	08	06	07	12	11	11	11	02	04	05	01	02	01	05	105
	41	021	24	19	10	10	14	13	12	12	02	06	05	01	02	01	05	157
	42	028	36	30	17	13	15	15	14	13	03	06	05	01	02	01	05	202
	43	029	46	36	20	16	16	13	15	16	03	06	05	01	02	01	05	230
	44	030	51	39	21	16	16	15	15	16	03	06	05	01	02	01	05	240
Oct.	27	000	00	00	00	01	00	00	00	00	00	00	00	00	00	00	00	001
	28	000	00	01	00	01	00	00	00	00	00	00	00	00	00	00	00	002
	29	000	01	01	00	01	00	00	00	00	00	00	01	00	00	00	00	004
	30	000	01	02	01	01	00	00	00	01	00	00	01	00	00	00	01	006
	31	001	02	02	03	05	00	00	05	01	00	00	02	00	00	01	01	021
	32	001	03	02	03	06	00	01	05	01	00	00	02	00	00	01	01	024
	33	002	04	03	03	07	01	02	05	01	00	00	02	00	00	01	02	033
	34	003	05	07	06	07	02	03	04	01	00	00	03	00	00	01	02	048
	35	003	06	09	09	07	02	05	09	02	02	01	03	00	00	01	05	065
	36	003	06	10	10	07	05	06	10	03	04	01	03	04	02	02	03	074
	37	004	07	10	11	09	06	07	11	04	07	01	05	04	03	03	05	095
	38	004	07	12	13	09	08	09	13	07	09	02	05	05	04	03	05	113
	39	004	09	15	14	11	09	10	15	09	14	05	07	07	04	03	05	134
	40	004	09	18	19	14	10	10	16	10	14	05	09	08	04	04	05	157
	41	007	10	25	21	20	16	11	17	10	14	05	10	08	04	04	05	185
	42	009	18	29	23	21	19	12	18	10	14	05	10	08	04	04	05	207
	43	009	19	43	26	26	20	12	18	10	15	05	10	08	04	04	05	232
	44	009	21	44	29	31	22	13	19	10	15	05	10	08	04	04	05	247
	45	009	21	44	29	31	23	13	19	10	15	05	10	08	04	04	05	248
Nov.	32	001	00	00	00	00	01	00	00	00	00	00	00	00	00	00	00	002
	33	001	00	00	01	00	01	00	00	01	00	00	00	00	00	00	00	004
	34	001	00	00	01	00	01	01	01	01	00	00	00	00	00	01	00	007
	35	001	00	01	01	00	01	02	02	01	01	02	00	01	01	01	00	015
	36	001	00	04	01	00	01	04	04	01	01	04	01	03	01	02	00	028
	37	001	00	04	03	01	03	06	06	04	01	05	01	06	02	02	00	045
	38	001	00	04	05	01	06	08	07	05	01	05	02	07	02	02	01	057
	39	001	02	10	06	02	08	09	08	07	01	06	03	07	02	03	02	077
	40	002	04	15	08	05	13	09	08	07	01	06	03	09	02	03	02	097
	41	009	06	22	08	08	15	10	09	08	02	06	03	09	02	03	04	124
	42	015	08	32	15	11	17	11	12	09	04	09	03	10	02	03	05	166
	43	020	13	48	16	18	22	11	13	11	06	09	03	10	02	03	06	211
	44	021	14	54	21	23	24	13	14	11	07	09	03	10	02	03	06	235
	45	021	14	55	21	23	26	13	15	11	07	09	03	10	03	03	06	240
Dec.	36	000	00	00	00	00	01	00	00	00	00	00	00	00	00	00	00	001
	37	000	00	00	00	00	01	01	00	00	00	00	00	00	00	00	00	002
	38	000	00	00	01	00	04	01	00	01	00	00	00	00	00	00	00	007
	39	000	00	01	04	00	05	02	00	01	02	01	01	02	00	01	00	020
	40	000	02	04	06	02	07	04	03	04	04	01	02	02	00	01	00	042
	41	004	09	14	11	05	11	06	06	07	06	03	05	03	00	01	00	091
	42	009	13	27	14	10	13	10	06	08	06	03	09	04	01	01	01	135
	43	017	18	40	19	13	20	13	07	09	06	04	09	04	02	01	01	183
	44	019	22	43	20	15	23	15	10	09	06	04	09	04	02	02	01	204
	45	021	25	46	20	17	24	17	12	10	06	04	09	04	02	02	01	220
	46	021	26	47	20	18	24	18	12	10	06	04	09	04	02	02	01	224

FREQUENCY ANALYSES
MACQUARIE ISLAND 1957

	Direction x 10°			Direction and Speed of Surface Wind						
				Calm	1-9	10-19	20-29	30-39	40-49	≥50	Total
Jan.	35	36	01		012	026	017	001	000	000	056
	02	03	04		003	002	000	000	000	000	005
	05	06	07		000	000	000	000	000	000	000
	08	09	10		004	001	001	000	000	000	006
	11	12	13		002	005	000	000	000	000	007
	14	15	16		004	006	001	000	000	000	011
	17	18	19		003	003	002	000	000	000	008
	20	21	22		003	001	000	000	000	000	004
	23	24	25		002	002	000	000	000	000	004
	26	27	28		002	007	014	004	002	000	029
	29	30	31		003	008	036	009	000	000	056
	32	33	34		005	026	018	005	001	001	056
				006	043	087	089	019	003	001	248
Feb.	35	36	01		001	013	004	000	000	000	018
	02	03	04		000	000	000	000	000	000	000
	05	06	07		000	000	000	000	000	000	000
	08	09	10		000	000	000	000	000	000	000
	11	12	13		002	001	000	000	000	000	003
	14	15	16		001	004	006	004	000	000	015
	17	18	19		000	003	000	000	000	000	003
	20	21	22		000	000	000	000	000	000	000
	23	24	25		001	002	000	000	000	000	003
	26	27	28		002	016	029	006	000	000	053
	29	30	31		004	018	023	011	001	000	057
	32	33	34		009	023	034	005	000	000	071
				001	020	080	096	026	001	000	224
Mar.	35	36	01		003	022	003	000	000	000	028
	02	03	04		001	000	000	000	000	000	001
	05	06	07		002	001	000	000	000	000	003
	08	09	10		002	000	000	000	000	000	002
	11	12	13		001	000	000	000	000	000	001
	14	15	16		004	000	000	000	000	000	004
	17	18	19		001	002	008	000	000	000	011
	20	21	22		002	001	002	000	000	000	005
	23	24	25		001	001	000	000	000	000	002
	26	27	28		005	012	021	003	000	000	041
	29	30	31		004	016	028	005	002	000	055
	32	33	34		002	028	048	009	000	000	087
				008	028	083	110	017	002	000	248
Apr.	35	36	01		002	012	005	000	000	000	019
	02	03	04		001	000	000	000	000	000	001
	05	06	07		001	000	000	000	000	000	001
	08	09	10		000	000	000	000	000	000	000
	11	12	13		000	002	000	000	000	000	002
	14	15	16		001	000	000	000	000	000	001
	17	18	19		002	002	001	000	000	000	005
	20	21	22		004	001	000	000	000	000	005
	23	24	25		005	005	000	000	000	000	010
	26	27	28		004	026	012	001	000	000	043
	29	30	31		007	025	029	006	000	000	067
	32	33	34		005	027	028	013	000	000	073
				013	032	100	075	020	000	000	240

FREQUENCY ANALYSES
MACQUARIE ISLAND 1957

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		007	022	001	001	000	000	031
	02 03 04		004	001	000	000	000	000	005
	05 06 07		003	000	000	000	000	000	003
	08 09 10		001	000	000	000	000	000	001
	11 12 13		002	000	000	000	000	000	002
	14 15 16		000	001	001	000	000	000	002
	17 18 19		007	013	012	003	000	000	035
	20 21 22		002	005	008	000	000	000	015
	23 24 25		004	003	000	001	000	000	008
	26 27 28		005	027	029	008	000	000	069
	29 30 31		004	011	014	006	000	000	035
	32 33 34		004	017	009	007	001	000	038
		004	043	100	074	026	001	000	248
Jun.	35 36 01		006	011	001	001	000	000	019
	02 03 04		002	002	000	000	000	000	004
	05 06 07		000	000	000	000	000	000	000
	08 09 10		000	000	000	000	000	000	000
	11 12 13		002	000	000	000	000	000	002
	14 15 16		003	000	000	000	000	000	003
	17 18 19		002	005	004	000	000	000	011
	20 21 22		003	013	001	000	000	000	017
	23 24 25		001	015	003	002	000	000	021
	26 27 28		006	028	022	009	000	000	065
	29 30 31		001	018	018	008	000	000	045
	32 33 34		003	017	017	013	000	000	050
		003	029	109	066	033	000	000	240
Jul.	35 36 01		002	008	001	003	000	000	014
	02 03 04		002	000	000	000	000	000	002
	05 06 07		000	000	000	000	000	000	000
	08 09 10		000	000	000	000	000	000	000
	11 12 13		001	000	000	001	000	000	002
	14 15 16		002	002	002	004	000	000	010
	17 18 19		004	006	005	005	002	000	022
	20 21 22		002	001	005	000	000	000	008
	23 24 25		004	007	000	002	000	000	013
	26 27 28		001	017	027	001	000	000	046
	29 30 31		002	025	027	014	002	000	070
	32 33 34		002	014	026	015	001	000	058
		003	022	080	093	045	005	000	248
Aug.	35 36 01		006	003	000	001	002	000	012
	02 03 04		002	000	000	000	000	000	002
	05 06 07		001	000	000	000	000	000	001
	08 09 10		001	000	000	000	000	000	001
	11 12 13		001	000	000	000	000	000	001
	14 15 16		004	007	000	000	000	000	011
	17 18 19		012	011	001	000	000	000	024
	20 21 22		002	000	000	000	000	000	002
	23 24 25		005	006	001	000	000	000	012
	26 27 28		001	017	025	009	000	000	052
	29 30 31		006	012	020	022	000	000	060
	32 33 34		002	013	028	022	001	000	066
		004	043	069	075	054	003	000	248

FREQUENCY ANALYSES
MACQUARIE ISLAND 1957

Direction and Speed of Surface Wind

	Direction x 10°			Calm	1-9	10-19	20-29	30-39	40-49	≥50	Total
Sep.	35	36	01		003	009	002	000	000	000	014
	02	03	04		001	000	000	000	000	000	001
	05	06	07		000	000	000	000	000	000	000
	08	09	10		002	000	000	000	000	000	002
	11	12	13		003	000	000	000	000	000	003
	14	15	16		002	004	000	000	000	000	006
	17	18	19		002	003	000	000	000	000	005
	20	21	22		001	000	000	000	000	000	001
	23	24	25		002	001	000	000	000	000	003
	26	27	28		003	010	012	001	000	000	026
	29	30	31		005	025	021	010	001	000	062
	32	33	34		009	036	050	017	001	000	113
				004	033	088	085	028	002	000	240
Oct.	35	36	01		002	013	003	000	000	000	018
	02	03	04		001	000	000	000	000	000	001
	05	06	07		001	000	000	000	000	000	001
	08	09	10		003	001	000	000	000	000	004
	11	12	13		002	001	000	000	000	000	003
	14	15	16		001	003	000	000	000	000	004
	17	18	19		007	005	004	002	001	000	019
	20	21	22		004	007	000	000	000	000	011
	23	24	25		003	008	000	000	000	000	011
	26	27	28		008	022	021	007	001	000	059
	29	30	31		008	021	019	009	000	000	057
	32	33	34		002	019	018	008	001	000	048
				012	042	100	065	026	003	000	248
Nov.	35	36	01		013	032	003	000	000	000	048
	02	03	04		002	000	000	000	000	000	002
	05	06	07		000	000	000	000	000	000	000
	08	09	10		000	001	000	000	000	000	001
	11	12	13		000	000	000	000	000	000	000
	14	15	16		001	000	001	000	000	000	002
	17	18	19		004	006	003	000	000	000	013
	20	21	22		004	002	000	000	000	000	006
	23	24	25		008	002	000	000	000	000	010
	26	27	28		019	031	009	000	000	000	059
	29	30	31		013	025	006	000	000	000	044
	32	33	34		007	018	024	001	000	000	050
				005	071	117	046	001	000	000	240
Dec.	35	36	01		010	005	000	000	000	000	015
	02	03	04		006	000	000	000	000	000	006
	05	06	07		001	001	000	000	000	000	002
	08	09	10		005	003	000	000	000	000	008
	11	12	13		006	008	009	000	000	000	023
	14	15	16		010	011	000	000	000	000	021
	17	18	19		005	013	003	000	000	000	021
	20	21	22		005	001	000	000	000	000	006
	23	24	25		003	003	000	000	000	000	006
	26	27	28		008	023	006	000	000	000	037
	29	30	31		010	014	011	000	000	000	035
	32	33	34		014	020	005	000	000	000	039
				005	083	102	034	000	000	000	224

FREQUENCY ANALYSES
MACQUARIE ISLAND 1957

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
515	00	00	00	00	00	00	01	00	00	00	00	00	001
512	00	00	00	00	00	03	02	01	00	00	00	00	006
509	00	00	00	00	10	10	07	02	02	06	01	00	038
506	00	00	03	03	12	13	15	07	06	15	09	04	087
503	04	06	10	09	17	21	19	14	12	20	18	15	165
000	18	12	15	24	24	26	28	26	24	30	26	28	281
003	28	20	22	30	31	28	31	31	30	31	29	30	341
006	31	26	26	30	31	30	31	31	30	31	29	30	356
009	31	28	30	30	31	30	31	31	30	31	29	30	362
012	31	28	31	30	31	30	31	31	30	31	29	30	363

Temperature at 700 mb

527	00	00	00	00	00	00	01	00	00	00	00	00	001
524	00	00	00	00	00	01	01	00	00	00	00	00	002
521	00	00	00	00	02	02	01	00	00	01	00	00	006
518	00	00	01	00	06	09	03	02	01	07	02	00	031
515	01	01	02	02	06	10	08	06	04	12	06	00	058
512	06	04	04	04	13	19	13	09	10	17	10	07	116
509	16	06	08	08	20	25	28	21	17	27	20	20	216
506	24	12	14	22	30	26	31	31	28	31	25	29	303
503	28	16	21	28	31	30	31	31	29	31	29	30	337
000	30	28	30	30	31	30	31	31	29	31	29	30	360
003	30	28	31	30	31	30	31	31	29	31	29	30	361

Temperature at 500 mb

542	00	00	00	00	01	00	00	00	00	00	00	00	001
539	00	00	00	00	01	01	00	00	01	00	00	00	003
536	00	00	00	00	03	03	02	00	01	02	02	00	013
533	00	00	01	00	04	04	05	02	05	06	02	00	029
530	04	01	03	02	07	12	12	05	09	14	08	02	079
527	08	03	06	07	18	22	27	20	16	22	15	16	180
524	18	07	09	17	29	25	31	28	25	27	23	22	261
521	25	10	14	23	30	26	31	30	29	31	28	28	305
518	28	16	21	30	31	30	31	30	29	31	28	30	335
515	30	26	30	30	31	30	31	30	29	31	29	30	357
512	30	28	31	30	31	30	31	30	29	31	29	30	360

Temperature at 300 mb

560	00	00	00	00	00	00	02	01	01	02	00	00	006
557	00	00	00	01	02	03	10	08	06	05	00	00	035
554	00	00	00	04	17	11	23	25	14	10	06	03	113
551	05	01	03	14	25	19	30	30	24	17	13	19	200
548	14	06	09	21	28	25	31	30	28	24	20	24	260
545	21	11	18	30	30	27	31	30	28	29	26	29	310
542	24	24	27	30	31	28	31	30	29	29	28	30	341
539	26	27	31	30	31	28	31	30	29	30	29	30	352
536	26	27	31	30	31	28	31	30	29	31	29	30	353
533	27	28	31	30	31	28	31	30	29	31	29	30	355

FREQUENCY ANALYSES
MACQUARIE ISLAND 1957

Temperature at 200 mb

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
575	00	00	00	00	00	00	01	00	00	00	00	00	001
572	00	00	00	00	02	00	04	04	00	00	00	00	010
569	00	00	00	00	03	00	07	08	02	00	00	00	020
566	00	00	00	00	04	01	11	13	04	00	00	00	033
563	00	01	02	04	05	03	18	17	07	00	00	00	057
560	00	03	05	11	08	04	20	21	11	04	00	02	089
557	01	06	10	14	11	07	23	23	16	05	00	02	118
554	02	11	15	19	14	09	28	27	21	09	02	03	160
551	06	12	16	20	20	15	28	27	25	13	02	07	191
548	10	15	22	26	27	21	28	29	28	18	13	12	249
545	14	23	28	29	30	25	30	29	28	27	19	22	304
542	19	26	30	29	31	26	30	29	28	27	25	28	328
539	26	27	31	29	31	27	30	29	29	30	28	30	347
536	27	27	31	29	31	27	30	29	29	31	29	30	350

Temperature at 150 mb

572	00	00	00	00	00	00	00	01	00	00	00	00	001
569	00	00	00	00	00	00	01	02	00	00	00	00	003
566	00	00	00	00	01	00	04	05	00	00	00	00	010
563	00	00	00	00	01	00	08	07	01	01	00	00	018
560	00	00	01	00	04	03	15	17	01	03	00	00	044
557	00	02	03	08	05	05	22	22	06	03	00	00	076
554	00	06	09	15	07	08	26	26	15	05	00	02	119
551	03	17	18	21	14	11	28	28	20	11	03	04	178
548	05	20	24	27	26	21	30	29	28	18	11	12	251
545	11	25	31	29	31	23	30	29	28	22	18	24	301
542	24	27	31	29	31	26	30	29	29	25	26	30	337
539	25	27	31	29	31	26	30	29	29	30	28	30	345
536	25	27	31	29	31	26	30	29	29	30	29	30	346

Temperature at 100 mb

566	00	00	00	00	00	00	00	04	00	00	00	00	004
563	00	00	00	00	01	02	06	13	00	00	00	00	022
560	00	00	00	00	03	03	13	16	00	00	00	00	035
557	00	00	00	02	04	05	20	21	05	03	00	00	060
554	00	05	09	13	06	08	26	24	13	05	00	00	109
551	02	17	18	23	18	14	28	26	17	10	00	00	173
548	04	22	26	29	30	24	29	26	24	15	07	15	251
545	09	26	31	29	31	25	29	26	25	21	21	27	300
542	23	27	31	29	31	25	29	26	28	25	29	28	331
539	25	27	31	29	31	25	29	26	28	27	29	28	335
536	25	27	31	29	31	25	29	26	28	29	29	28	337

Temperature at Tropopause

578	00	00	00	00	00	00	00	01	00	00	00	00	001
575	00	00	00	00	01	00	02	04	00	00	00	00	007
572	00	00	00	00	02	00	06	05	01	00	00	00	014
569	00	01	00	00	02	01	12	10	04	00	00	00	030
566	00	01	01	05	04	03	16	20	07	01	00	00	058
563	00	03	06	09	08	05	20	23	15	04	00	01	094
560	00	07	09	16	16	07	22	26	19	09	04	02	137
557	05	12	15	20	21	13	25	28	24	13	07	09	192
554	11	16	21	22	25	17	28	29	27	15	16	15	242
551	16	19	24	24	26	24	30	30	28	21	19	23	284
548	19	26	27	25	28	25	31	30	29	25	25	26	316
545	25	27	28	27	29	26	31	30	29	28	26	29	335
542	26	27	29	29	29	26	31	30	29	30	28	30	344
539	27	28	31	29	30	26	31	30	29	31	29	30	351
536	27	28	31	29	30	27	31	30	29	31	29	30	352

FREQUENCY ANALYSES
MACQUARIE ISLAND 1957

Geopotential at 850 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
100	00	00	00	00	00	00	00	00	00	01	00	00	001
105	00	00	00	00	01	02	00	00	00	01	02	01	007
110	00	01	00	00	02	02	00	01	01	02	03	02	014
115	04	02	01	02	05	04	01	01	02	10	05	03	040
120	05	04	04	05	10	10	02	03	04	16	10	08	081
125	12	05	07	06	14	16	04	04	08	23	13	15	127
130	20	10	10	15	16	24	05	07	12	27	17	22	185
135	29	13	15	20	22	27	10	11	16	29	25	26	243
140	31	25	19	24	26	30	18	17	23	31	27	28	299
145	31	26	25	27	30	30	29	28	26	31	29	30	342
150	31	27	30	29	31	30	31	31	30	31	29	30	360
155	31	28	31	30	31	30	31	31	30	31	29	30	363

Geopotential at 700 mb

250	00	00	00	00	00	00	00	00	00	01	00	00	001
255	00	00	00	00	01	02	00	00	00	01	01	00	005
260	00	00	00	00	03	03	01	01	01	04	02	02	017
265	03	02	01	01	05	06	02	02	03	11	05	02	043
270	05	03	03	03	11	12	03	02	04	17	10	06	079
275	06	03	07	07	14	16	04	05	06	22	12	13	115
280	16	07	09	09	17	23	06	06	12	27	16	19	167
285	23	09	10	16	20	25	11	10	17	29	25	26	221
290	28	15	15	20	26	28	18	14	18	31	26	29	268
295	30	24	18	26	30	30	25	25	23	31	27	30	319
300	30	26	25	28	30	30	31	31	28	31	29	30	349
305	30	27	30	30	31	30	31	31	29	31	29	30	359
310	30	28	31	30	31	30	31	31	29	31	29	30	361

Geopotential at 500 mb

495	00	00	00	00	01	00	01	00	00	01	00	00	003
500	00	00	00	00	01	02	01	00	00	02	00	00	006
505	00	00	00	00	02	05	02	01	01	05	01	00	017
510	01	01	00	01	04	06	02	01	02	11	04	00	033
515	02	01	02	01	08	08	03	01	04	12	08	03	053
520	04	02	04	03	11	13	04	03	05	19	10	04	082
525	06	03	06	08	14	18	05	04	06	22	12	13	117
530	12	04	07	08	17	23	09	06	11	27	15	19	158
535	17	09	08	10	18	24	13	08	17	28	22	22	196
540	25	10	11	17	25	26	17	13	18	30	25	27	244
545	28	11	14	20	27	28	23	20	21	31	26	30	279
550	29	19	16	26	30	30	30	28	27	31	27	30	323
555	30	22	22	28	31	30	31	30	28	31	29	30	342
560	30	27	26	30	31	30	31	30	29	31	29	30	354
565	30	27	30	30	31	30	31	30	29	31	29	30	358
570	30	28	31	30	31	30	31	30	29	31	29	30	360

FREQUENCY ANALYSES
MACQUARIE ISLAND 1957

Geopotential at 300 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
830	00	00	00	00	01	00	00	00	00	00	00	00	001
840	00	00	00	00	01	01	01	00	01	00	00	00	004
850	00	00	00	00	04	06	02	01	01	06	01	00	021
860	01	01	00	02	08	08	03	02	05	12	07	01	050
870	05	01	03	05	13	16	06	04	07	22	12	10	104
880	12	03	07	08	18	22	16	09	13	26	16	18	168
890	17	07	09	15	24	24	26	19	18	29	23	23	234
900	24	10	12	19	29	25	30	27	27	31	26	30	290
910	26	16	18	29	31	28	31	30	29	31	29	30	328
920	27	25	28	30	31	28	31	30	29	31	29	30	349
930	27	27	30	30	31	28	31	30	29	31	29	30	353
940	27	28	31	30	31	28	31	30	29	31	29	30	355

Geopotential at 200 mb

1100	00	00	00	00	01	00	00	00	01	00	00	00	002
1110	00	00	00	00	03	04	03	01	03	06	00	00	020
1120	00	00	00	01	07	09	06	01	05	11	02	00	042
1130	00	01	00	03	16	16	15	08	10	19	08	01	097
1140	02	02	04	09	24	22	24	20	17	24	16	14	178
1150	13	04	07	16	27	24	29	29	25	31	18	23	246
1160	24	08	13	22	31	26	30	29	29	31	23	30	296
1170	26	12	18	28	31	27	30	29	29	31	29	30	320
1180	27	24	26	29	31	27	30	29	29	31	29	30	342
1190	27	26	30	29	31	27	30	29	29	31	29	30	348
1200	27	27	31	29	31	27	30	29	29	31	29	30	350

Geopotential at 150 mb

1280	00	00	00	00	00	00	00	00	00	02	00	00	002
1290	00	00	00	00	01	00	01	01	03	04	00	00	010
1300	00	00	00	00	04	04	09	03	04	05	00	00	029
1310	00	00	00	02	14	09	17	08	06	13	01	00	070
1320	00	00	00	07	19	20	26	25	15	18	07	00	137
1330	00	02	03	14	25	23	30	29	26	24	15	15	206
1340	12	04	09	22	30	26	30	29	29	30	18	26	265
1350	20	09	14	28	31	25	30	29	29	30	25	30	301
1360	25	15	25	29	31	26	30	29	29	30	29	30	328
1370	25	27	30	29	31	26	30	29	29	30	29	30	345
1380	25	27	31	29	31	26	30	29	29	30	29	30	346

FREQUENCY ANALYSES
MACQUARIE ISLAND 1957

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	02	02	01	02	00	00	007
1550	00	00	00	00	01	00	06	02	03	04	00	00	016
1560	00	00	00	00	06	03	14	07	04	04	00	00	038
1570	00	00	00	00	10	09	21	17	05	07	00	00	069
1580	00	00	00	05	17	15	26	24	13	11	01	00	112
1590	00	00	00	15	21	24	29	26	23	15	08	00	161
1600	00	02	07	24	31	25	29	26	27	25	15	17	228
1610	07	04	10	29	31	25	29	26	28	29	19	28	265
1620	23	13	22	29	31	25	29	26	28	29	26	28	309
1630	25	27	31	29	31	25	29	26	28	29	29	28	337

Geopotential at Tropopause

500	00	00	00	00	00	01	00	00	00	00	00	00	001
550	00	00	00	00	00	01	00	00	00	00	00	00	001
600	00	00	00	00	00	01	00	00	00	00	00	00	001
650	00	00	01	00	02	02	00	00	00	00	00	00	005
700	02	01	01	00	02	03	00	00	01	02	02	00	014
750	03	01	03	01	02	03	01	00	02	07	04	00	027
800	06	01	03	04	04	05	01	00	03	08	06	01	042
850	10	04	04	08	08	09	03	02	04	09	11	09	081
900	12	06	05	08	08	12	05	02	07	18	12	15	110
950	15	07	08	08	14	16	09	06	10	24	20	21	158
1000	19	10	13	11	20	20	13	08	15	26	25	24	204
1050	24	13	18	16	24	23	21	12	20	30	28	27	256
1100	24	17	22	23	24	25	24	23	25	31	29	29	296
1150	26	23	27	28	29	26	28	27	28	31	29	30	332
1200	27	25	29	29	29	27	30	29	29	31	29	30	344
1250	27	26	30	29	30	27	31	29	29	31	29	30	348
1300	27	27	31	29	30	27	31	30	29	31	29	30	351
1350	27	27	31	29	30	27	31	30	29	31	29	30	351
1400	27	28	31	29	30	27	31	30	29	31	29	30	352

Pressure at Tropopause

150	00	01	00	00	01	00	00	00	00	00	00	00	002
200	01	03	02	01	02	01	04	03	01	00	00	01	019
250	08	17	18	18	10	08	18	23	16	05	03	06	150
300	16	23	27	21	22	18	29	29	24	22	18	20	269
350	24	27	28	28	28	24	30	30	27	23	25	29	323
400	27	28	30	29	29	25	31	30	29	31	29	30	348
450	27	28	31	29	30	26	31	30	29	31	29	30	351
500	27	28	31	29	30	26	31	30	29	31	29	30	351
550	27	28	31	29	30	27	31	30	29	31	29	30	352

FREQUENCY ANALYSES
MAWSON 1957

Station Level Pressure

Upper Limit Range - mb	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
955	000	000	000	000	000	000	000	001	000	000	000	000	0001
960	000	000	000	000	000	000	000	005	000	008	000	000	0013
965	000	000	000	000	000	000	000	008	000	013	000	000	0021
970	000	000	000	000	000	001	000	021	011	028	000	000	0061
975	007	008	002	000	000	004	007	050	025	048	000	000	0151
980	020	016	034	012	006	017	042	068	074	102	000	006	0397
985	046	040	095	055	044	052	079	065	130	152	010	032	0820
990	119	135	147	113	091	097	159	132	179	204	086	080	1542
995	205	199	186	207	132	114	199	171	230	218	145	131	2137
1000	247	223	214	230	179	158	224	189	240	236	228	185	2553
1005	248	224	247	234	220	206	236	204	240	244	233	234	2770
1010	248	224	248	240	241	236	248	221	240	248	240	241	2875
1015	248	224	248	240	248	240	248	237	240	248	240	248	2909
1020	248	224	248	240	248	240	248	243	240	248	240	248	2915
1025	248	224	248	240	248	240	248	248	240	248	240	248	2920

Maximum Temperature

Upper Limit Range - °F													Total
516	00	00	00	00	00	00	01	00	00	00	00	00	001
514	00	00	00	00	00	00	01	00	01	00	00	00	002
511	00	00	00	00	00	00	01	00	03	00	00	00	004
510	00	00	00	00	00	00	01	01	03	00	00	00	005
509	00	00	00	00	00	00	02	01	07	00	00	00	010
508	00	00	00	00	00	00	03	01	07	00	00	00	011
507	00	00	00	00	01	00	04	01	07	00	00	00	013
506	00	00	00	00	01	00	05	01	08	00	00	00	015
505	00	00	00	00	01	00	06	01	08	00	00	00	016
504	00	00	00	00	01	00	07	01	09	00	00	00	018
503	00	00	00	00	03	00	09	02	10	00	00	00	024
502	00	00	00	00	03	00	11	02	10	00	00	00	026
501	00	00	00	02	03	00	11	03	11	00	00	00	030
000	00	00	00	02	04	00	12	03	11	00	00	00	032
001	00	00	00	03	06	00	14	04	13	00	00	00	040
002	00	00	00	04	07	01	15	05	14	00	00	00	046
003	00	00	00	06	09	01	16	07	14	00	00	00	053
004	00	00	00	07	11	02	16	09	14	00	00	00	059
005	00	00	00	09	12	04	16	10	15	00	00	00	066
006	00	00	01	11	12	05	19	12	16	00	00	00	076
007	00	00	01	11	14	05	19	16	17	00	00	00	083
008	00	00	01	11	14	05	20	17	17	00	00	00	085
009	00	00	01	11	14	06	21	17	17	00	00	00	087
010	00	00	02	11	16	07	22	19	19	00	00	00	096
011	00	00	02	11	17	07	22	22	20	00	00	00	101
012	00	00	02	12	18	08	22	24	23	00	00	00	109
013	00	00	03	13	20	08	24	25	24	01	00	00	118
014	00	00	04	14	20	09	24	25	24	02	00	00	122
015	00	00	08	16	21	12	25	26	25	05	00	00	138
016	00	00	08	16	22	12	26	26	26	06	00	00	142
017	00	01	10	18	24	16	27	27	27	07	00	00	157
018	00	01	13	20	26	17	28	28	28	10	00	00	171
019	00	01	14	21	27	18	29	28	30	11	00	00	179
020	00	01	16	23	28	18	30	28	30	11	01	00	186
021	00	01	21	24	28	19	31	28	30	14	01	00	197
022	00	02	23	25	28	23	31	28	30	15	03	00	208
023	00	05	23	26	28	24	31	29	30	17	04	00	217
024	00	06	25	26	28	25	31	29	30	20	04	00	224
025	00	06	26	28	29	26	31	29	30	24	08	00	237
026	00	06	28	28	29	26	31	29	30	25	13	00	245
027	00	11	29	28	29	26	31	29	30	25	17	00	255
028	01	11	29	28	29	26	31	29	30	27	21	00	262
029	01	12	29	28	29	26	31	29	30	29	25	00	269
030	01	14	30	30	29	26	31	29	30	29	25	01	275
031	01	17	31	30	29	26	31	29	30	29	26	03	282
032	01	19	31	30	29	26	31	29	30	29	26	06	287
033	02	21	31	30	29	26	31	29	30	29	27	08	293
034	05	21	31	30	29	26	31	29	30	29	27	11	299
035	10	23	31	30	29	26	31	29	30	29	27	14	309
036	12	23	31	30	29	26	31	29	30	29	28	16	314
037	15	24	31	30	29	26	31	29	30	29	29	21	324
038	15	27	31	30	29	26	31	29	30	29	29	28	334
039	19	27	31	30	29	26	31	29	30	29	29	29	339
040	23	28	31	30	29	26	31	29	30	29	30	30	346
041	27	28	31	30	29	26	31	29	30	29	30	31	351
042	28	28	31	30	29	26	31	29	30	29	30	31	352
043	31	28	31	30	29	26	31	29	30	29	30	31	355

FREQUENCY ANALYSES
MAWSON 1957

Minimum Temperature

Upper Limit Range - °F	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
52 1	00	00	00	00	01	00	00	00	00	00	00	00	001
51 9	00	00	00	00	02	00	01	00	02	00	00	00	005
51 8	00	00	00	00	02	00	02	00	05	00	00	00	009
51 7	00	00	00	00	02	00	02	00	06	00	00	00	010
51 6	00	00	00	00	02	00	03	00	07	00	00	00	012
51 5	00	00	00	00	02	00	04	00	08	00	00	00	014
51 4	00	00	00	00	02	00	06	00	11	00	00	00	019
51 1	00	00	00	00	02	00	08	01	12	00	00	00	023
51 0	00	00	00	02	02	01	10	03	12	00	00	00	030
50 9	00	00	00	02	02	01	12	03	13	00	00	00	033
50 8	00	00	00	04	04	01	15	03	13	00	00	00	040
50 7	00	00	00	04	04	01	17	03	14	00	00	00	043
50 6	00	00	00	06	06	02	18	04	15	00	00	00	051
50 5	00	00	00	07	08	03	18	07	15	00	00	00	058
50 4	00	00	00	08	10	03	19	10	15	00	00	00	065
50 3	00	00	00	11	12	04	19	10	17	00	00	00	073
50 2	00	00	01	13	13	04	21	14	18	00	00	00	084
50 1	00	00	01	13	17	06	22	16	21	00	00	00	096
50 0	00	00	01	14	18	06	22	20	21	02	00	00	104
00 1	00	00	03	14	18	07	22	21	24	04	00	00	113
00 2	00	00	05	17	18	08	22	21	25	06	00	00	122
00 3	00	00	08	17	19	11	22	21	25	08	00	00	131
00 4	00	00	09	17	20	13	22	26	27	08	00	00	142
00 5	00	00	10	17	23	15	23	26	28	08	00	00	150
00 6	00	00	11	17	24	16	25	26	28	08	00	00	155
00 7	00	01	15	19	25	16	25	27	29	09	00	00	166
00 8	00	01	16	21	25	16	25	28	29	11	01	00	173
00 9	00	01	17	24	25	17	28	28	29	12	03	00	184
01 0	00	02	19	24	26	19	29	28	30	15	06	00	198
01 1	00	03	23	24	29	19	30	29	30	18	08	00	213
01 2	00	03	24	24	29	20	30	29	30	18	09	00	216
01 3	00	06	25	24	29	20	30	29	30	20	12	00	225
01 4	00	08	25	24	29	21	30	29	30	21	12	00	229
01 5	00	10	29	25	29	21	30	29	30	24	15	00	242
01 6	00	11	29	26	29	22	31	29	30	25	16	01	249
01 7	00	14	30	26	29	24	31	29	30	27	19	02	261
01 8	00	14	31	27	29	25	31	29	30	28	22	02	268
01 9	00	15	31	29	29	25	31	29	30	29	22	02	272
02 0	00	17	31	29	29	25	31	29	30	29	25	04	279
02 1	00	18	31	30	29	26	31	29	30	29	27	05	285
02 2	03	20	31	30	29	26	31	29	30	29	27	05	290
02 3	03	22	31	30	29	26	31	29	30	29	29	08	297
02 4	05	22	31	30	29	26	31	29	30	29	30	11	303
02 5	07	25	31	30	29	26	31	29	30	29	30	14	311
02 6	12	25	31	30	29	26	31	29	30	29	30	16	318
02 7	13	25	31	30	29	26	31	29	30	29	30	19	322
02 8	14	26	31	30	29	26	31	29	30	29	30	19	324
02 9	20	26	31	30	29	26	31	29	30	29	30	21	332
03 0	21	26	31	30	29	26	31	29	30	29	30	25	337
03 1	22	28	31	30	29	26	31	29	30	29	30	27	342
03 2	25	28	31	30	29	26	31	29	30	29	30	31	349
03 3	28	28	31	30	29	26	31	29	30	29	30	31	352
03 4	29	28	31	30	29	26	31	29	30	29	30	31	353
03 5	30	28	31	30	29	26	31	29	30	29	30	31	354
03 7	31	28	31	30	29	26	31	29	30	29	30	31	355

FREQUENCY ANALYSES
MAWSON 1957

Terrestrial Minimum Temperature

Upper Limit Range - °F	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
523	00	00	00	00	01	00	00	00	00	00	00	00	001
522	00	00	00	00	01	00	01	00	02	00	00	00	004
521	00	00	00	00	02	00	02	00	02	00	00	00	006
520	00	00	00	00	02	00	03	00	06	00	00	00	011
519	00	00	00	00	02	00	03	00	07	00	00	00	012
518	00	00	00	00	02	00	03	00	08	00	00	00	013
516	00	00	00	00	02	00	05	00	09	00	00	00	016
515	00	00	00	00	02	00	06	00	10	00	00	00	018
514	00	00	00	00	02	00	07	00	11	00	00	00	020
513	00	00	00	02	02	01	10	00	11	00	00	00	026
512	00	00	00	03	03	01	10	02	11	00	00	00	030
511	00	00	00	03	03	02	13	03	12	00	00	00	036
510	00	00	00	03	04	02	15	03	13	00	00	00	040
509	00	00	00	03	06	02	16	04	14	00	00	00	045
508	00	00	00	05	09	02	17	05	14	00	00	00	052
507	00	00	00	06	11	04	17	05	14	00	00	00	057
506	00	00	00	07	12	04	19	06	15	00	00	00	063
505	00	00	00	11	13	07	19	10	16	00	00	00	076
504	00	00	01	11	14	07	19	12	17	00	00	00	081
503	00	00	01	12	17	07	21	15	17	00	00	00	090
502	00	00	01	12	18	07	21	18	20	00	00	00	097
501	00	00	02	13	20	10	22	19	23	03	00	00	112
500	00	00	05	14	20	11	22	21	24	05	00	00	122
001	00	00	07	16	22	11	22	22	24	05	00	00	129
002	00	00	09	16	24	12	22	24	24	06	00	00	137
003	00	00	10	16	25	16	22	26	25	06	00	00	146
004	00	00	10	18	25	17	23	27	27	09	00	00	156
005	00	01	11	19	27	17	23	28	27	11	00	00	164
006	00	01	13	21	28	18	23	28	28	11	00	00	171
007	00	01	15	21	28	19	25	28	28	12	01	00	178
008	00	01	17	22	28	19	25	30	29	13	04	00	188
009	00	02	21	23	28	22	27	31	29	15	06	00	204
010	00	02	24	23	31	22	29	31	29	16	09	00	216
011	00	04	24	24	31	22	29	31	29	20	11	01	226
012	00	05	25	25	31	25	29	31	30	22	12	01	236
013	00	06	27	25	31	25	30	31	30	24	13	01	243
014	00	07	28	25	31	25	30	31	30	25	15	01	248
015	00	11	29	27	31	25	31	31	30	26	17	01	259
016	00	14	29	28	31	27	31	31	30	28	19	02	270
017	00	14	31	29	31	27	31	31	30	28	20	02	274
018	00	17	31	30	31	27	31	31	30	31	20	03	282
019	00	18	31	30	31	29	31	31	30	31	24	04	290
020	01	19	31	30	31	29	31	31	30	31	27	06	297
021	02	21	31	30	31	29	31	31	30	31	27	06	300
022	04	22	31	30	31	29	31	31	30	31	28	08	306
023	06	24	31	30	31	29	31	31	30	31	28	10	312
024	08	26	31	30	31	29	31	31	30	31	29	11	318
025	11	26	31	30	31	29	31	31	30	31	30	16	327
026	14	26	31	30	31	29	31	31	30	31	30	18	332
027	17	26	31	30	31	29	31	31	30	31	30	20	337
028	19	28	31	30	31	29	31	31	30	31	30	22	343
029	20	28	31	30	31	29	31	31	30	31	30	24	346
030	25	28	31	30	31	29	31	31	30	31	30	28	355
031	25	28	31	30	31	29	31	31	30	31	30	30	357
032	26	28	31	30	31	29	31	31	30	31	30	30	358
033	28	28	31	30	31	29	31	31	30	31	30	31	361
034	29	28	31	30	31	29	31	31	30	31	30	31	362
035	30	28	31	30	31	29	31	31	30	31	30	31	363

Speed of Maximum Wind Gust

Upper Limit Range - Knots	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
00	00	00	00	00	00	00	00	01	00	00	00	00	001
10	00	00	00	00	01	00	00	01	00	00	02	04	008
20	01	00	00	00	03	00	01	02	00	01	04	08	020
30	04	03	01	03	08	01	05	02	05	03	13	21	069
40	19	09	15	19	13	06	13	10	18	19	23	26	190
50	24	19	24	25	16	14	20	17	25	24	26	29	263
60	25	24	29	30	24	20	25	24	28	25	30	31	315
70	26	27	31	30	28	23	29	25	29	26	30	31	335
80	26	28	31	30	29	24	31	25	29	27	30	31	341

Daily Duration of Sunshine

Upper Limit Range - Hours													
000	05	04	08	09	18	30	24	13	06	05	04	07	133
010	08	07	09	10	20	30	25	14	08	07	04	09	151
020	08	07	10	10	23	30	28	15	09	10	06	11	167
030	10	10	10	12	28	30	29	17	09	10	06	11	182
040	11	11	12	14	29	30	30	19	09	12	06	11	194
050	11	12	15	14	30	30	31	22	09	14	07	12	207
060	13	12	17	17	30	30	31	25	12	15	07	12	221
070	13	12	18	19	31	30	31	29	14	18	07	12	234
080	13	12	19	21	31	30	31	31	15	18	09	13	243
090	14	13	20	30	31	30	31	31	20	19	09	13	261
100	14	14	25	30	31	30	31	31	30	19	10	14	279
110	15	15	30	30	31	30	31	31	30	20	10	14	287
120	18	15	30	30	31	30	31	31	30	22	11	14	293
130	19	17	30	30	31	30	31	31	30	24	11	16	300
140	20	19	31	30	31	30	31	31	30	28	13	17	311
150	22	19	31	30	31	30	31	31	30	30	15	18	318
160	24	25	31	30	31	30	31	31	30	31	21	18	333
170	26	27	31	30	31	30	31	31	30	31	25	20	343
180	28	27	31	30	31	30	31	31	30	31	29	26	355
190	31	27	31	30	31	30	31	31	30	31	30	31	364

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.	022	000	00	00	00	00	00	00	00	00	00	00	01	00	01	00	00	002
	023	000	02	00	00	00	00	00	00	00	00	00	01	00	01	00	00	004
	024	000	02	01	00	00	00	00	00	01	00	00	01	00	01	00	02	008
	025	000	02	01	00	00	00	00	00	01	00	00	01	01	01	01	04	012
	026	000	02	02	00	00	00	00	00	01	00	00	01	01	02	03	05	017
	027	000	02	03	00	00	00	00	00	01	00	00	02	01	04	04	08	028
	028	000	02	03	00	00	00	01	01	01	00	00	02	01	05	04	10	033
	029	000	02	03	01	00	00	01	01	01	00	00	03	03	08	04	13	043
	030	000	02	03	03	00	00	01	02	03	01	00	03	04	09	05	17	056
	031	000	02	04	03	00	00	02	03	03	01	01	03	07	11	08	23	075
	032	000	02	07	04	00	00	02	03	03	01	03	04	09	13	09	33	102
	033	000	02	07	07	00	00	02	03	04	02	04	06	13	14	11	38	125
	034	000	02	07	07	00	00	02	03	05	02	05	06	13	17	12	48	143
	035	000	02	07	07	00	00	02	03	07	02	05	06	16	19	15	58	165
	036	000	02	07	07	00	00	02	03	07	02	05	07	16	21	15	71	181
	037	000	02	07	07	00	00	02	03	07	02	07	07	17	22	18	80	197
	038	000	02	07	07	00	00	02	03	07	02	07	08	17	22	22	88	210
	039	000	02	07	07	00	00	02	03	07	02	07	08	17	22	23	94	227
	040	000	02	07	07	00	00	02	03	07	02	07	08	17	22	23	16	239
	041	000	02	07	07	00	00	02	03	07	02	07	08	17	22	23	19	242
	042	000	02	07	07	00	00	02	03	07	02	07	08	17	22	23	24	247
	043	000	02	07	07	00	00	02	03	07	02	07	08	17	22	23	25	248
Feb.	008	000	00	00	00	00	00	00	00	00	00	00	01	00	00	00	00	001
	010	000	00	00	00	00	00	00	00	00	01	00	01	00	00	00	00	002
	011	000	00	00	00	00	00	00	00	01	01	00	01	00	00	00	00	003
	012	000	00	00	00	00	00	00	00	01	02	00	01	01	00	00	00	005
	013	000	00	00	00	00	01	00	00	01	03	01	01	03	00	00	00	010
	014	000	00	00	00	00	02	00	01	01	03	01	02	03	00	00	00	013
	015	000	00	00	00	00	02	00	01	03	05	02	04	03	00	01	00	021
	016	000	00	00	00	01	02	01	01	05	05	04	04	03	00	01	01	028
	017	000	00	00	01	01	02	03	02	06	07	06	05	03	00	01	01	038
	018	000	00	00	01	01	02	03	02	06	08	07	06	03	02	01	03	045
	019	000	00	00	01	01	02	03	03	07	08	08	08	03	02	02	05	053
	020	000	00	00	01	01	02	03	03	08	09	08	08	04	03	02	10	062
	021	000	00	00	01	01	02	03	04	10	11	09	09	05	05	02	11	073
	022	000	00	00	01	01	02	03	05	11	12	10	10	06	06	05	15	087
	023	000	00	00	01	01	02	03	05	11	13	10	11	07	07	05	18	094
	024	000	00	00	01	01	02	03	05	11	15	11	12	08	08	08	23	108
	025	000	00	00	01	01	02	03	05	12	15	12	13	08	08	10	28	118
	026	000	00	00	01	01	02	03	06	13	16	12	13	08	10	14	35	134
	027	000	00	00	01	01	02	03	06	14	16	12	14	09	10	15	48	151
	028	000	00	00	01	01	02	03	06	16	16	12	14	09	11	15	55	161
	029	000	00	00	01	01	02	03	06	16	16	12	15	10	12	17	59	170
	030	000	00	00	01	01	02	03	06	16	16	12	16	10	12	17	68	180
	031	000	00	00	01	01	02	03	06	16	16	12	16	10	12	17	80	192
	032	000	00	01	01	01	02	03	06	16	16	12	16	10	12	17	87	200
	033	000	00	01	01	01	02	04	06	16	16	12	16	10	12	17	89	203
	034	000	00	01	01	01	02	04	06	16	16	12	16	10	12	18	92	207
	035	000	00	01	01	01	02	04	07	16	16	12	16	11	12	18	94	211
	036	000	00	01	01	01	02	04	07	16	16	12	16	11	12	18	97	214
	037	000	00	01	01	01	02	04	07	16	16	12	16	11	13	18	02	220
	038	000	00	01	01	01	02	04	07	16	16	12	16	13	13	18	02	222
	039	000	00	01	01	01	02	04	07	16	16	12	16	13	13	18	03	223
	040	000	00	01	01	01	02	04	07	16	16	12	16	13	13	18	04	224

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.	50 1	000	00	01	00	01	00	00	00	00	00	00	00	00	00	00	00	002
	000	000	00	01	00	02	00	00	00	00	00	00	00	00	00	00	00	003
	001	000	00	01	00	02	00	01	00	00	00	01	00	00	00	00	00	005
	002	000	00	01	00	02	01	01	00	01	00	02	00	01	00	00	00	009
	003	000	00	01	00	02	01	01	00	01	00	02	01	01	01	00	00	011
	004	000	00	01	00	03	01	01	00	02	01	04	02	02	01	00	00	018
	005	000	00	02	00	03	04	01	01	03	01	04	02	04	02	00	00	027
	006	000	00	02	00	03	04	01	01	03	01	05	02	05	04	01	00	032
	007	001	00	02	00	03	04	01	01	03	02	05	02	05	06	01	00	036
	008	001	00	02	01	03	05	01	01	03	02	05	03	05	06	02	00	040
	009	001	01	02	01	03	05	02	03	03	04	05	04	06	08	05	00	053
	010	001	01	02	01	04	05	02	04	03	04	05	06	07	10	06	04	065
	011	001	01	02	02	05	05	02	04	03	05	06	06	09	11	07	05	074
	012	001	01	02	02	06	07	02	04	04	07	09	09	10	15	10	05	094
	013	001	01	02	03	06	07	02	05	04	11	11	09	10	16	12	10	110
	014	002	01	02	03	06	08	03	05	05	12	11	10	11	19	13	14	125
	015	003	02	05	04	07	08	04	05	07	12	12	11	14	21	13	18	146
	016	005	05	05	04	08	09	04	06	08	13	12	12	15	23	13	19	161
	017	005	05	05	04	09	10	06	07	09	14	12	12	15	25	16	21	175
	018	005	07	05	04	09	10	07	07	09	15	14	12	15	26	17	23	185
	019	005	07	05	06	09	10	08	07	10	15	15	13	17	28	18	25	198
	020	005	07	05	06	11	11	10	07	10	16	16	13	17	28	18	28	208
	021	005	07	05	07	12	14	10	08	11	17	16	14	17	29	18	30	220
	022	005	07	05	07	12	14	10	08	11	18	16	14	17	29	18	35	226
	023	005	07	05	07	12	14	11	09	11	19	16	14	17	29	18	35	229
	024	005	07	05	07	12	14	11	11	11	19	16	14	18	30	18	38	236
	025	005	07	05	07	12	14	11	11	12	19	17	14	19	30	18	39	240
	026	005	07	05	07	12	14	11	11	12	19	17	14	19	30	19	40	242
	027	005	07	05	07	12	14	11	11	12	19	17	14	19	30	19	41	243
	028	005	07	05	07	12	14	11	11	12	19	17	14	19	30	19	42	244
	029	005	07	05	07	12	14	11	11	12	19	17	14	19	31	19	43	246
	030	005	07	05	07	12	14	11	11	12	19	17	14	19	31	19	45	248
Apr.	51 0	000	00	00	00	00	00	00	01	01	00	01	00	00	00	00	00	003
	509	000	00	00	00	00	00	00	01	02	01	01	00	00	00	00	00	005
	508	000	00	00	00	00	00	01	01	04	01	01	00	00	00	00	00	008
	507	000	00	00	00	00	00	02	01	07	02	01	01	00	00	00	00	014
	506	000	00	00	00	00	00	02	03	08	02	02	01	00	00	00	00	018
	505	000	00	00	00	00	00	03	04	08	03	02	01	00	00	00	01	022
	504	000	00	00	00	00	01	04	05	08	04	02	02	00	00	00	01	027
	503	000	00	00	00	00	01	04	05	08	06	02	03	01	00	00	01	031
	502	000	00	00	00	01	01	04	06	08	08	02	06	01	02	01	01	041
	501	000	00	00	00	01	02	06	07	08	08	06	10	02	02	02	02	056
	500	000	00	00	00	01	03	06	08	09	09	08	11	02	02	04	03	066
	001	000	00	00	00	02	03	07	08	10	11	10	12	02	02	05	03	075
	002	000	00	00	00	03	03	08	08	10	12	12	13	03	02	05	03	082
	003	000	00	00	00	03	03	08	09	12	13	12	14	03	03	07	05	091
	004	000	00	00	00	05	04	08	10	12	14	12	14	03	03	07	05	096
	005	000	00	00	00	05	05	08	10	12	17	17	15	03	05	07	05	108
	006	000	00	00	00	05	05	08	10	12	17	17	16	03	05	07	05	109
	007	000	01	00	00	05	05	08	10	12	17	18	16	04	05	07	05	112
	008	000	01	00	00	05	05	08	10	12	17	18	17	04	06	07	05	114
	009	000	01	00	00	05	05	09	10	12	17	18	18	04	06	07	06	117
	010	000	01	02	01	05	05	09	10	12	18	18	23	06	06	07	08	130
	011	000	01	02	01	05	06	09	10	13	18	20	24	07	07	08	08	138
	012	000	01	02	02	05	06	09	10	13	18	23	25	08	08	08	12	149
	013	000	01	02	03	05	07	10	10	13	18	23	27	11	08	10	12	159
	014	000	01	02	03	05	07	10	10	13	18	23	27	11	09	11	13	162
	015	000	01	02	03	05	07	10	10	13	18	23	28	11	13	14	14	171
	016	000	01	02	03	06	07	10	11	13	18	23	28	13	13	15	17	179
	017	000	01	02	03	06	07	10	11	13	18	24	30	14	14	16	18	186
	018	000	01	02	03	06	07	10	11	13	19	24	30	14	14	17	18	188
	019	000	01	02	03	06	07	10	11	13	19	24	33	15	15	18	18	194
	020	000	01	02	03	07	07	11	11	17	20	24	34	17	19	19	18	209
	021	000	01	02	03	07	07	11	11	18	20	26	35	19	20	20	18	217
	022	000	01	02	03	07	07	11	11	18	20	27	36	19	20	21	20	222
	023	000	01	02	03	07	07	11	11	19	20	27	36	19	21	21	22	226
	024	000	01	02	03	07	07	11	12	19	20	27	36	19	22	21	23	229
	025	000	01	02	03	07	07	11	12	19	20	27	36	20	22	21	24	231
	026	000	01	02	03	07	07	11	12	19	20	27	36	20	22	21	25	232
	027	000	01	02	03	07	07	11	12	19	20	27	36	20	23	21	26	234
	028	000	01	02	03	07	07	11	12	19	20	27	36	20	23	21	28	236
	029	000	01	02	03	07	07	11	12	19	20	27	36	20	23	21	30	238
	030	000	01	02	03	07	07	11	12	19	20	27	36	20	23	21	31	239

FREQUENCY ANALYSES
MAWSON 1957

Screen Temperature v Frost Point Depression

	°F	Frost Point Depression 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>14	Total
May.	521	001	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	001
	520	002	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	002
	518	003	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	003
	517	003	00	00	02	00	00	00	00	00	00	00	00	00	00	00	00	005
	516	003	00	00	02	01	00	00	00	00	00	00	00	00	00	00	00	006
	515	003	00	00	02	01	00	01	00	00	00	00	00	00	00	00	00	007
	514	003	01	00	02	02	01	01	00	00	00	00	00	00	00	00	00	010
	513	003	01	00	02	02	01	02	00	00	00	00	00	00	00	00	00	011
	511	003	01	00	02	02	01	02	00	00	01	00	00	00	00	00	00	012
	509	004	01	00	02	02	01	02	00	00	01	00	00	00	00	00	00	013
	508	004	01	01	02	02	01	03	00	00	01	00	00	00	00	00	00	015
	507	004	01	01	02	02	01	03	00	01	01	01	00	00	00	00	00	017
	506	004	01	01	02	02	01	03	01	03	01	01	00	01	00	00	00	021
	505	004	01	01	02	02	01	04	01	04	04	05	01	01	00	00	00	031
	504	004	01	01	02	02	01	04	02	05	04	06	02	01	04	01	00	040
	503	004	02	01	03	02	01	04	04	06	04	07	02	01	05	01	03	050
	502	004	02	01	03	02	01	05	04	07	04	08	02	01	07	01	03	055
	501	004	02	01	03	02	01	05	05	08	04	09	04	04	09	04	06	071
	500	004	02	01	03	02	02	05	05	08	05	10	07	04	10	07	09	084
	001	004	02	02	04	02	04	05	05	08	06	10	09	06	10	07	11	095
	002	004	02	02	04	03	04	05	05	08	07	11	09	06	10	09	13	102
	003	004	02	02	06	05	04	06	06	08	07	12	10	07	10	10	16	115
	004	004	02	02	07	05	04	06	06	08	07	12	10	08	10	10	18	119
	005	004	02	02	07	06	04	07	06	09	07	12	12	10	12	13	22	135
	006	004	03	02	07	07	04	07	06	09	08	15	13	15	13	13	23	149
	007	004	03	02	07	07	04	07	06	11	09	17	14	18	15	14	26	164
	008	005	03	02	07	07	04	08	06	11	09	17	14	18	18	14	27	170
	009	005	03	02	07	07	04	08	06	12	09	19	14	19	18	15	29	177
	010	007	03	02	07	07	04	10	06	13	10	19	15	20	18	15	29	185
	011	007	03	02	07	07	04	10	06	13	10	19	15	21	18	15	30	187
	012	011	03	02	07	09	04	10	06	13	12	19	16	21	18	16	33	200
	013	014	03	02	07	09	04	10	06	14	12	19	16	21	18	16	38	209
	014	014	03	02	07	09	04	11	06	14	12	19	17	21	18	16	41	214
	015	014	03	02	07	10	04	11	07	14	12	19	17	21	18	16	45	220
	016	014	03	02	07	10	04	13	07	14	12	20	17	21	18	17	52	231
	017	014	03	02	07	10	04	14	07	14	12	20	18	21	18	17	57	238
	018	014	03	02	07	10	04	14	07	14	12	20	18	21	18	17	60	241
	019	014	03	02	07	10	04	14	07	14	12	20	18	21	18	17	61	242
	020	014	03	02	07	10	04	14	07	14	12	20	18	21	18	17	63	244
	021	014	03	02	07	10	04	14	07	14	12	20	18	21	18	18	63	245
	024	014	03	02	07	10	04	14	07	14	12	20	18	21	18	18	64	246
Jun.	510	000	00	00	00	01	00	00	00	00	00	00	00	00	00	00	00	001
	509	000	00	00	01	01	00	00	00	00	00	00	00	00	00	00	00	002
	508	000	00	00	01	03	00	00	00	00	00	00	00	00	00	00	00	004
	507	000	00	00	01	03	00	01	00	00	00	00	00	00	00	00	00	005
	505	000	00	00	01	03	00	01	00	01	00	00	00	00	00	00	00	006
	504	000	00	00	01	04	00	02	00	01	00	00	00	00	00	01	00	009
	503	000	00	00	01	05	00	02	00	01	03	00	00	00	00	01	00	013
	502	000	00	00	01	06	00	02	00	01	03	00	00	00	00	01	00	014
	501	000	00	00	02	07	00	02	00	01	03	01	01	01	01	01	00	020
	500	000	00	01	02	07	00	02	01	01	03	01	04	01	01	02	00	026
	001	000	00	01	03	08	00	02	01	01	03	01	04	03	02	02	00	031
	002	000	00	01	03	08	00	02	01	03	04	01	05	03	04	02	00	037
	003	000	00	01	03	08	00	02	02	04	04	01	06	05	06	04	00	046
	004	000	00	01	03	08	00	02	03	04	04	01	08	05	06	04	01	050
	005	000	00	01	03	08	00	02	03	05	04	05	14	08	06	05	01	065
	006	000	00	01	03	08	00	02	03	05	05	06	16	08	06	05	01	069
	007	000	00	01	03	08	00	02	03	06	05	07	18	08	07	07	01	076
	008	000	00	01	03	08	00	02	03	07	05	08	19	09	07	07	02	081
	009	000	00	01	03	08	01	02	03	08	05	11	21	11	07	07	03	091
	010	000	00	01	03	08	02	02	03	08	06	13	22	13	07	07	04	099
	011	000	00	01	03	08	02	02	03	08	07	13	22	14	07	09	04	103
	012	000	02	02	04	08	02	02	03	08	10	15	24	16	07	10	04	117
	013	000	04	02	05	08	02	03	04	09	12	16	25	17	07	12	06	132
	014	002	08	02	05	08	02	03	05	09	13	16	26	18	07	13	06	143
	015	002	13	03	05	08	02	04	05	09	15	17	28	18	08	15	08	160
	016	003	16	03	06	08	03	04	06	09	16	19	30	18	08	15	10	174
	017	004	16	04	07	09	03	04	07	09	16	19	30	22	08	15	12	185
	018	004	17	04	09	09	04	05	07	10	16	19	31	22	09	15	14	195
	019	004	18	05	09	11	05	05	08	12	16	19	32	23	10	15	15	207
	020	004	18	05	10	11	05	05	08	12	16	20	32	24	10	15	16	211
	021	004	19	05	12	12	05	05	08	13	17	21	32	25	12	15	19	224
	022	004	22	05	13	12	05	05	08	13	17	21	32	26	13	16	20	232
	023	005	22	05	14	12	05	05	08	13	17	21	32	26	13	16	20	234
	024	007	22	05	15	12	05	05	08	13	17	21	32	26	13	16	20	237
	025	008	22	05	15	12	05	05	08	13	17	21	32	26	13	16	20	238

FREQUENCY ANALYSES
MAWSON 1957

Screen Temperature v Frost Point Depression

Frost Point Depression

	°F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>14	Total
Jul.	519	000	00	00	00	00	00	00	00	00	00	00	01	00	00	00	00	001
	517	000	00	00	00	00	00	00	00	00	00	00	03	02	00	00	00	005
	516	000	00	00	00	00	00	00	00	01	00	01	03	03	00	00	00	008
	515	000	00	00	00	00	00	00	00	01	00	03	04	06	01	00	00	015
	513	000	00	00	00	00	00	00	00	01	00	03	04	09	01	02	01	021
	512	000	00	00	00	00	00	00	00	01	00	03	04	12	03	03	01	027
	511	000	00	00	00	00	00	00	00	01	00	03	04	13	05	05	01	032
	510	000	00	00	00	00	00	00	00	01	00	03	04	15	09	05	01	038
	509	000	00	00	00	00	00	00	00	01	01	03	06	17	11	08	01	048
	508	000	00	00	00	00	00	00	00	01	01	03	09	19	15	09	05	062
	507	000	00	00	00	00	00	00	00	01	01	03	10	23	17	11	06	072
	506	000	00	00	00	00	00	00	00	02	02	03	10	25	18	12	06	078
	505	000	00	00	00	00	00	00	00	02	03	05	12	30	23	13	07	095
	504	000	00	00	00	00	00	00	00	02	03	05	14	35	25	16	07	107
	503	000	00	00	00	01	00	00	00	02	03	07	16	43	29	17	08	126
	502	000	00	00	00	01	00	00	00	04	03	07	16	44	31	17	08	131
	501	000	00	00	00	01	00	00	00	04	04	07	16	44	31	20	09	136
	500	000	00	00	00	01	00	00	00	06	05	07	17	45	32	21	13	147
	001	000	00	00	00	01	00	00	00	06	05	08	20	45	34	21	13	153
	002	000	00	00	00	01	00	00	01	07	05	08	20	48	34	21	13	158
	003	000	00	00	00	01	00	00	03	07	05	08	21	48	34	21	13	161
	004	000	00	00	00	01	00	01	03	07	05	08	21	48	35	22	14	165
	005	000	00	00	00	01	01	01	04	07	05	08	21	48	36	23	15	170
	006	000	00	00	00	01	01	01	05	07	06	08	21	49	37	25	15	176
	007	000	00	00	00	01	01	02	05	08	06	08	21	49	38	26	16	181
	008	000	00	00	00	01	01	03	05	08	06	08	21	49	39	29	16	186
	009	000	00	00	00	01	01	03	05	08	07	08	21	49	41	29	16	189
	010	000	00	00	00	01	01	03	06	09	07	09	24	52	44	30	16	202
	011	000	00	01	00	01	02	03	06	09	07	11	24	52	45	30	16	207
	012	000	00	01	00	01	02	03	06	09	08	12	24	52	46	31	18	213
	013	000	00	01	00	01	02	03	06	10	09	12	25	52	47	33	22	223
	014	000	00	01	00	01	02	03	06	10	09	12	25	52	49	34	22	226
	015	000	00	01	00	01	02	03	06	11	09	13	25	54	50	35	26	236
	016	000	01	01	00	01	02	03	06	11	09	13	25	55	50	35	26	238
	017	000	01	01	00	01	02	03	06	11	09	13	25	55	51	36	27	241
	018	000	01	01	00	01	02	03	06	11	09	13	25	55	51	36	28	242
	020	000	01	01	00	01	02	03	06	11	09	13	25	55	51	37	32	247
	021	000	01	01	00	01	02	03	06	11	09	13	25	55	51	37	33	248
Aug.	510	000	00	00	00	00	00	00	00	00	00	00	01	02	00	00	00	003
	509	000	00	00	00	00	00	00	00	00	00	00	02	02	01	00	00	005
	508	000	00	00	00	00	00	00	00	00	00	00	02	02	02	00	00	006
	507	000	00	00	00	00	00	01	00	00	01	00	02	02	02	01	00	009
	506	000	00	00	00	00	00	01	00	01	01	00	02	02	02	01	00	010
	505	000	00	00	01	00	00	02	02	01	01	01	02	02	02	01	03	018
	504	000	00	00	01	00	00	03	03	01	01	03	02	03	02	02	03	024
	503	000	00	00	01	00	00	03	05	02	01	05	02	04	02	03	06	034
	502	000	00	00	01	00	00	03	06	02	01	06	07	04	04	04	11	049
	501	000	00	00	01	00	00	03	06	02	02	07	08	05	07	04	14	059
	500	000	00	00	01	00	00	03	06	02	03	07	10	06	08	04	19	069
	001	000	00	00	01	00	00	03	06	03	03	10	10	07	11	05	25	084
	002	002	00	01	02	00	00	03	06	03	05	12	12	08	11	06	30	101
	003	002	00	01	02	01	02	03	06	03	06	13	14	08	12	06	35	114
	004	002	00	02	02	01	03	03	08	04	08	13	14	09	12	06	37	124
	005	003	01	03	03	04	05	03	08	06	09	15	15	11	13	07	46	152
	006	003	02	03	03	04	05	04	08	06	09	16	15	11	13	07	55	164
	007	005	03	03	03	04	05	04	08	06	12	16	18	12	13	08	65	185
	008	005	06	03	03	04	05	04	08	06	14	16	19	13	13	08	68	195
	009	007	07	03	03	04	05	04	08	07	15	16	19	14	14	09	69	204
	010	008	08	03	03	04	05	04	09	07	16	17	20	14	15	10	73	216
	011	008	09	03	03	04	05	04	09	07	16	19	21	14	17	10	76	225
	012	008	11	03	03	04	05	06	09	07	17	19	22	15	18	10	77	234
	013	008	11	03	03	04	05	06	09	07	17	19	23	15	18	10	79	237
	014	008	11	03	03	05	05	06	09	07	18	19	23	15	18	10	79	239
	015	008	11	03	03	06	05	06	09	07	18	19	23	15	18	11	79	241
	017	008	11	03	03	06	05	06	10	08	19	19	23	15	18	11	79	244
	018	008	11	03	03	06	05	06	10	08	19	19	23	16	18	11	80	246
	019	008	11	03	03	06	05	06	10	08	19	20	23	16	18	11	80	247
	020	008	11	03	03	06	05	06	10	08	19	20	23	16	18	11	81	248

FREQUENCY ANALYSES
MAWSON 1957

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.	519	000	00	00	00	00	00	00	00	00	00	01	00	00	00	00	00	001
	518	000	00	00	00	00	00	00	00	00	00	02	01	00	00	01	00	004
	517	000	00	00	00	00	00	00	00	01	01	04	02	00	02	02	00	012
	516	000	00	00	00	00	00	00	00	01	01	07	06	00	03	02	00	020
	515	000	00	00	00	00	00	00	00	02	01	10	08	01	05	04	00	031
	514	000	00	00	00	00	00	00	00	02	01	12	10	03	05	04	00	037
	513	000	00	00	00	00	00	00	00	02	02	17	10	05	06	06	01	049
	512	000	00	00	00	00	00	00	00	02	03	18	12	06	06	06	03	056
	511	000	00	00	00	00	00	00	00	02	05	20	13	07	06	08	04	065
	510	000	00	00	00	00	00	00	00	03	05	20	16	07	07	09	06	073
	509	000	00	00	00	00	00	00	00	03	05	20	17	08	08	11	06	078
	508	000	00	00	00	00	00	00	00	03	05	20	17	08	09	11	06	079
	507	000	00	00	00	00	00	00	00	03	05	20	17	09	12	15	09	090
	506	000	00	00	00	00	00	00	00	03	05	20	17	09	13	16	11	094
	505	000	00	00	00	00	00	00	00	03	05	20	17	09	13	16	15	098
	504	000	00	00	00	00	00	00	00	03	05	20	17	09	13	16	16	099
	503	000	00	00	00	00	00	00	00	03	05	21	17	09	13	18	20	106
	502	000	00	00	00	00	00	00	00	03	05	22	18	10	13	18	21	110
	501	000	00	00	00	00	01	00	00	03	05	22	18	10	14	19	25	117
	500	000	01	00	00	00	01	00	00	03	06	22	19	10	14	21	27	124
	001	001	01	00	00	00	01	00	00	03	06	22	20	11	16	24	31	136
	002	001	02	00	00	00	02	00	00	03	06	22	20	11	16	24	34	141
	003	001	03	00	00	00	02	00	00	03	06	22	20	11	16	25	38	147
	004	001	03	00	00	00	02	00	00	03	06	22	20	11	17	26	39	150
	005	001	03	00	00	00	03	00	00	03	06	22	20	11	17	31	43	160
	006	001	03	00	01	00	03	00	01	03	06	22	21	11	17	31	46	166
	007	001	03	00	01	00	04	00	01	03	06	22	21	11	17	32	50	172
	008	001	03	00	02	00	04	00	01	04	06	22	22	12	18	34	53	182
	009	001	04	00	02	00	04	00	01	04	06	23	22	12	19	36	55	189
	010	001	07	00	03	00	04	00	01	04	06	25	25	13	20	37	62	208
	011	001	07	00	03	00	04	00	01	04	06	26	25	14	21	38	64	214
	012	001	07	00	03	00	04	00	01	04	06	26	26	15	21	38	65	217
	013	001	07	00	04	00	04	00	01	04	06	27	26	15	23	38	66	222
	014	001	07	00	04	00	04	00	01	04	06	27	27	16	23	38	67	225
	015	001	07	00	04	00	04	00	01	05	07	28	28	17	24	38	68	232
	016	001	07	00	04	00	04	00	01	05	07	29	28	18	24	38	69	235
	017	001	07	00	04	00	04	00	01	05	07	29	29	18	24	38	70	237
	018	001	07	00	04	00	04	00	01	05	07	29	29	18	25	38	71	239
	019	001	07	00	04	00	04	00	01	05	07	29	29	18	25	38	72	240
Oct.	000	000	00	00	00	00	00	00	00	00	00	00	00	00	00	01	00	001
	001	000	00	00	00	00	00	00	00	01	00	00	00	00	00	01	00	002
	002	000	00	00	00	00	00	00	01	02	00	00	00	00	00	02	02	007
	003	000	00	00	00	00	00	00	01	03	00	00	00	00	00	03	03	010
	004	000	00	00	00	00	00	00	01	04	00	00	00	00	01	03	05	014
	005	000	00	00	00	00	00	00	01	04	01	02	01	00	01	03	08	021
	007	000	00	00	00	00	00	00	02	04	01	03	02	00	01	04	11	028
	008	000	00	00	00	00	00	00	02	04	01	03	02	00	01	05	12	030
	009	000	00	00	00	00	00	00	02	05	02	03	02	00	01	05	14	034
	010	000	00	00	00	00	00	00	03	05	03	03	02	00	01	07	17	041
	011	000	00	00	00	00	00	00	03	05	04	04	04	01	01	11	22	055
	012	001	00	00	00	00	00	00	05	05	04	05	04	01	03	11	31	070
	013	001	01	00	00	00	00	00	06	05	04	05	07	02	04	13	34	082
	014	001	01	00	00	01	00	00	06	06	04	05	08	02	06	13	38	091
	015	001	01	00	00	02	01	00	06	06	06	05	08	04	07	15	48	110
	016	001	01	00	00	03	01	00	07	06	08	05	08	06	07	15	53	121
	017	001	01	01	01	03	02	00	07	06	08	06	09	10	07	18	59	139
	018	001	01	01	01	03	02	00	08	08	09	06	10	13	07	19	65	154
	019	002	01	01	03	03	02	00	08	08	09	06	11	13	08	20	68	163
	020	006	01	01	04	05	02	00	08	08	10	07	12	14	10	20	74	182
	021	009	01	01	04	05	02	00	08	09	10	07	12	18	11	24	75	196
	022	009	01	01	05	05	02	00	08	09	10	09	12	19	14	24	81	209
	023	009	02	01	05	05	02	01	09	09	11	11	13	22	14	24	83	221
	024	009	03	01	05	05	02	01	09	09	11	12	14	22	14	25	87	229
	025	009	03	01	05	06	03	01	09	09	12	15	14	23	15	25	87	237
	026	009	03	01	05	06	03	01	09	09	12	15	15	25	15	25	87	240
	027	009	03	01	05	06	03	01	09	09	12	15	15	26	16	26	87	243
	028	009	03	01	05	06	03	01	09	09	12	15	15	27	16	28	87	246
	029	009	03	01	05	06	03	01	09	09	12	15	15	27	16	29	88	248

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.	008	000	00	00	00	00	00	00	00	00	00	01	00	00	00	00	00	001
	010	000	00	00	00	00	00	00	00	00	00	04	01	01	00	00	00	006
	011	000	00	00	00	00	00	00	00	00	01	04	02	02	00	00	00	009
	012	000	00	00	00	00	00	00	00	00	01	07	05	04	00	00	00	017
	013	000	00	00	00	00	00	00	01	00	02	07	07	04	01	00	00	022
	014	000	00	00	00	00	00	00	01	00	02	08	07	04	02	00	01	025
	015	000	00	00	00	00	00	00	01	01	03	12	10	05	05	01	01	039
	016	000	00	00	00	00	00	00	01	01	04	13	10	05	05	01	03	043
	017	000	00	00	00	00	00	00	01	03	07	14	10	07	07	02	03	054
	018	000	00	00	00	00	00	00	02	04	09	16	11	10	07	04	03	066
	019	000	00	00	00	00	00	00	04	04	09	20	12	10	08	06	05	078
	020	000	00	01	00	00	01	00	06	04	10	21	13	11	10	06	07	090
	021	000	00	01	00	01	03	02	06	06	11	21	18	14	10	06	08	107
	022	000	00	01	01	01	04	02	08	07	12	24	19	17	11	06	08	121
	023	001	01	01	02	01	05	05	09	08	13	26	24	19	13	07	08	143
	024	002	03	01	02	01	05	05	10	09	16	30	26	20	17	12	09	168
	025	003	04	01	02	01	05	06	11	10	17	33	28	21	18	15	11	186
	026	003	04	01	02	01	05	06	13	11	18	35	28	24	21	16	14	202
	027	003	05	01	02	01	05	06	13	12	20	35	30	25	22	18	16	214
	028	003	05	01	02	01	05	06	13	12	21	37	30	26	22	20	17	221
	029	003	05	01	03	01	06	08	13	13	21	37	30	27	23	21	17	229
	030	003	05	01	03	01	07	08	14	13	21	38	30	29	23	21	18	235
	031	003	05	01	03	01	07	08	14	13	21	38	30	29	24	21	18	236
	033	003	05	01	03	01	07	09	14	13	22	38	30	29	24	21	18	238
	035	003	05	01	03	01	07	09	14	13	22	38	30	29	25	21	19	240
Dec.	017	000	00	00	00	00	00	00	00	00	00	02	00	00	00	00	00	002
	018	000	00	00	00	00	00	00	00	00	00	03	00	00	00	00	00	003
	020	000	00	00	00	00	00	00	00	00	02	03	00	00	00	00	00	005
	021	000	00	00	00	00	00	00	00	00	03	03	00	01	00	00	00	007
	022	000	00	00	00	00	00	00	00	00	04	04	00	01	00	00	00	009
	023	000	00	00	00	00	01	00	00	00	05	04	01	03	00	00	00	014
	024	000	00	00	00	00	01	00	00	00	05	04	01	03	00	01	00	015
	025	000	00	00	00	00	02	01	01	02	06	04	03	03	02	02	00	026
	026	000	00	00	00	00	02	01	01	02	07	04	03	04	03	03	01	031
	027	000	00	00	00	00	04	02	01	03	07	06	04	04	03	06	01	041
	028	000	00	00	00	01	06	02	03	05	07	06	06	07	03	06	01	053
	029	000	00	00	01	02	09	03	04	07	07	06	08	08	05	06	01	067
	030	000	01	00	04	03	09	05	08	09	08	07	12	08	06	06	02	088
	031	000	01	00	05	07	15	06	09	12	09	11	13	11	08	08	04	119
	032	000	01	00	05	09	17	08	12	14	14	12	14	12	08	08	05	139
	033	000	03	01	06	10	17	10	14	18	17	13	17	16	10	08	06	166
	034	000	04	02	06	13	18	10	17	21	19	16	17	18	11	08	07	187
	035	000	04	03	10	18	21	14	20	21	23	21	17	22	11	08	08	221
	036	000	04	03	10	19	21	16	20	21	23	21	20	22	12	08	08	228
	037	000	04	03	11	19	21	17	20	21	24	24	20	25	12	08	08	237
	038	000	04	03	11	19	21	17	20	21	24	25	20	26	13	09	08	241
	039	000	04	03	11	19	21	17	20	21	24	25	20	26	15	09	11	246
	040	000	04	03	11	19	21	17	20	21	24	25	20	27	15	10	11	248

FREQUENCY ANALYSES
MAWSON 1957

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		000	000	000	000	000	000	000
	02 03 04		003	000	000	000	000	000	003
	05 06 07		009	003	002	000	000	000	014
	08 09 10		010	003	001	002	000	002	018
	11 12 13		008	050	050	019	016	007	150
	14 15 16		001	007	011	002	000	000	021
	17 18 19		004	000	000	000	000	000	004
	20 21 22		000	000	000	000	000	000	000
	23 24 25		007	000	000	000	000	000	007
	26 27 28		002	000	000	000	000	000	002
	29 30 31		001	001	000	000	000	000	002
	32 33 34		000	000	000	000	000	000	000
									027
		027	045	064	064	023	016	009	248
Feb.	35 36 01		000	000	000	000	000	000	000
	02 03 04		000	001	000	000	000	000	001
	05 06 07		002	003	000	000	000	000	005
	08 09 10		003	004	000	000	000	000	007
	11 12 13		005	026	025	026	011	007	100
	14 15 16		005	019	032	032	005	000	093
	17 18 19		001	001	003	000	000	000	005
	20 21 22		002	001	000	000	000	000	003
	23 24 25		001	001	000	000	000	000	002
	26 27 28		003	000	000	000	000	000	003
	29 30 31		001	000	000	000	000	000	001
	32 33 34		001	000	000	000	000	000	001
									003
		003	024	056	060	058	016	007	224
Mar.	35 36 01		000	000	000	000	000	000	000
	02 03 04		000	000	000	000	000	000	000
	05 06 07		000	000	000	000	000	000	000
	08 09 10		011	004	002	000	000	000	017
	11 12 13		004	027	024	016	003	001	075
	14 15 16		013	031	040	026	003	001	114
	17 18 19		003	005	004	002	000	000	014
	20 21 22		000	000	000	000	000	000	000
	23 24 25		000	000	000	000	000	000	000
	26 27 28		000	000	000	000	000	000	000
	29 30 31		000	000	000	000	000	000	000
	32 33 34		000	000	000	000	000	000	000
									028
		028	031	067	070	044	006	002	248
Apr.	35 36 01		000	000	000	000	000	000	000
	02 03 04		000	000	000	000	000	000	000
	05 06 07		000	000	000	000	000	000	000
	08 09 10		007	008	006	004	003	000	028
	11 12 13		012	061	049	028	001	000	151
	14 15 16		004	012	010	006	000	000	032
	17 18 19		000	002	001	000	000	000	003
	20 21 22		000	001	000	000	000	000	001
	23 24 25		000	000	000	000	000	000	000
	26 27 28		000	000	000	000	000	000	000
	29 30 31		000	000	000	000	000	000	000
	32 33 34		000	000	000	000	000	000	000
									024
		024	023	084	066	038	004	000	239

FREQUENCY ANALYSES
MAWSON 1957

	Direction x 10°	Calm	1-9	10-19	20-29	30-39	40-49	≥50	Total
May.	35 36 01		000	000	000	000	000	000	000
	02 03 04		000	000	000	000	000	000	000
	05 06 07		000	000	000	000	000	000	000
	08 09 10		000	001	000	004	001	000	006
	11 12 13		009	022	012	020	010	017	090
	14 15 16		017	020	027	019	006	000	089
	17 18 19		000	002	001	000	000	000	003
	20 21 22		000	000	000	000	000	000	000
	23 24 25		000	000	000	000	000	000	000
	26 27 28		000	000	000	000	000	000	000
	29 30 31		000	000	000	000	000	000	000
	32 33 34		000	000	000	000	000	000	000
									060
		060	026	045	040	043	017	017	248
Jun.	35 36 01		000	000	000	000	000	000	000
	02 03 04		000	001	000	000	000	000	001
	05 06 07		001	001	000	000	000	000	002
	08 09 10		002	008	008	006	004	000	028
	11 12 13		002	018	032	028	019	029	128
	14 15 16		001	007	008	015	005	002	038
	17 18 19		002	003	006	003	000	000	014
	20 21 22		000	000	000	000	000	000	000
	23 24 25		000	000	000	000	000	000	000
	26 27 28		000	000	000	000	000	000	000
	29 30 31		000	000	000	000	000	000	000
	32 33 34		000	000	000	000	000	000	000
									029
		029	008	038	054	052	028	031	240
Jul.	35 36 01		000	000	000	000	000	000	000
	02 03 04		001	000	000	000	000	000	001
	05 06 07		000	000	000	000	000	000	000
	08 09 10		001	005	009	010	008	000	033
	11 12 13		004	047	056	021	005	005	138
	14 15 16		002	007	010	000	001	000	020
	17 18 19		001	001	003	000	000	000	005
	20 21 22		001	000	000	000	000	000	001
	23 24 25		000	000	000	000	000	000	000
	26 27 28		001	000	000	000	000	000	001
	29 30 31		000	000	000	000	000	000	000
	32 33 34		000	000	000	000	000	000	000
									049
		049	011	060	078	031	014	005	248
Aug.	35 36 01		001	000	000	000	000	000	001
	02 03 04		000	001	000	000	000	000	001
	05 06 07		000	000	000	000	000	000	000
	08 09 10		000	003	003	001	003	007	017
	11 12 13		006	036	057	033	008	011	151
	14 15 16		000	014	009	011	002	000	036
	17 18 19		002	001	002	000	000	000	005
	20 21 22		000	001	000	000	000	000	001
	23 24 25		000	000	000	000	000	000	000
	26 27 28		000	000	000	000	000	000	000
	29 30 31		000	000	000	000	000	000	000
	32 33 34		000	000	000	000	000	000	000
		036							036
		036	009	056	071	045	013	018	248

FREQUENCY ANALYSES
MAWSON 1957

	Direction x 10°	Calm	1-9	10-19	20-29	30-39	40-49	≥50	Total
Sep.	35 36 01		000	000	000	000	000	000	000
	02 03 04		001	000	000	000	000	000	001
	05 06 07		000	001	000	000	000	000	001
	08 09 10		001	000	000	001	001	001	004
	11 12 13		005	036	036	014	004	003	098
	14 15 16		016	042	027	007	000	000	092
	17 18 19		004	006	002	001	000	000	013
	20 21 22		000	001	000	000	000	000	001
	23 24 25		000	000	000	000	000	000	000
	26 27 28		000	000	000	000	000	000	000
	29 30 31		000	000	000	000	000	000	000
	32 33 34		000	000	000	000	000	000	000
									030
		030	027	086	065	023	005	004	240
Oct.	35 36 01		000	000	000	000	000	000	000
	02 03 04		000	000	000	000	000	000	000
	05 06 07		001	000	000	000	000	000	001
	08 09 10		007	005	000	000	000	000	012
	11 12 13		010	023	032	019	012	012	108
	14 15 16		010	031	022	007	000	000	070
	17 18 19		001	002	005	001	000	000	009
	20 21 22		000	000	000	000	000	000	000
	23 24 25		000	000	000	000	000	000	000
	26 27 28		000	000	000	000	000	000	000
	29 30 31		000	000	000	000	000	000	000
	32 33 34		000	000	000	000	000	000	000
									048
		048	029	061	059	027	012	012	248
Nov.	35 36 01		001	000	000	000	000	000	001
	02 03 04		002	000	000	000	000	000	002
	05 06 07		004	000	000	000	000	000	004
	08 09 10		010	003	003	003	000	000	019
	11 12 13		017	040	019	019	002	000	097
	14 15 16		006	016	009	000	000	000	031
	17 18 19		003	002	001	000	000	000	006
	20 21 22		000	000	000	000	000	000	000
	23 24 25		001	000	000	000	000	000	001
	26 27 28		001	000	000	000	000	000	001
	29 30 31		000	000	000	000	000	000	000
	32 33 34		000	000	000	000	000	000	000
									078
		078	045	061	032	022	002	000	240
Dec.	35 36 01		000	000	000	000	000	000	000
	02 03 04		001	000	000	000	000	000	001
	05 06 07		003	000	000	000	000	000	003
	08 09 10		010	007	001	000	000	000	018
	11 12 13		016	045	016	009	000	000	086
	14 15 16		011	005	001	002	000	000	019
	17 18 19		001	000	001	000	000	000	002
	20 21 22		000	000	000	000	000	000	000
	23 24 25		000	000	000	000	000	000	000
	26 27 28		000	000	000	000	000	000	000
	29 30 31		000	000	000	000	000	000	000
	32 33 34		000	000	000	000	000	000	000
									119
		119	042	057	019	011	000	000	248

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
530	00	00	00	00	00	00	01	00	00	00	00	00	001
527	00	00	00	00	01	00	02	00	08	00	00	00	011
524	00	00	00	01	03	01	07	02	12	00	00	00	026
521	00	00	01	05	11	03	15	07	16	01	00	00	059
518	00	00	03	09	15	06	20	12	21	03	00	00	089
515	00	00	10	12	17	08	25	20	22	14	11	00	139
512	00	06	20	16	18	10	27	21	25	24	20	03	190
509	08	13	25	17	19	11	27	21	25	27	25	18	236
506	26	15	26	17	19	11	27	22	25	27	25	28	268
503	29	19	26	17	19	11	27	22	25	27	25	28	275
000	29	19	26	17	19	11	27	22	25	27	26	28	276

Temperature at 700 mb

533	00	00	00	00	00	00	00	01	00	00	00	00	001
530	00	00	00	00	01	00	00	01	05	00	00	00	007
527	00	00	00	02	02	01	03	04	11	00	00	00	023
524	00	00	02	02	09	02	14	10	19	04	01	00	063
521	00	01	07	07	13	07	22	13	24	14	07	00	115
518	07	10	12	14	18	10	25	17	25	25	20	13	196
515	19	15	24	16	19	11	27	21	25	27	25	24	253
512	29	17	25	17	19	11	27	21	25	27	25	28	271
509	29	18	25	17	19	11	27	22	25	27	26	28	274
506	29	18	25	17	19	11	27	22	25	27	26	28	274
503	29	19	25	17	19	11	27	22	25	27	26	28	275

Temperature at 500 mb

545	00	00	00	00	00	00	00	00	01	00	00	00	001
542	00	00	00	00	02	00	02	04	10	00	00	00	018
539	00	00	00	02	06	00	14	06	15	02	00	00	045
536	00	00	01	05	15	03	20	15	21	05	02	00	087
533	01	06	10	09	17	08	21	18	22	19	06	04	141
530	08	12	16	14	20	09	25	19	24	25	23	19	214
527	21	14	22	16	20	10	27	20	24	27	25	27	253
524	26	15	24	17	20	10	27	21	24	27	26	28	265
521	29	18	25	18	20	10	27	22	24	27	26	28	274
518	29	18	25	18	20	10	27	22	24	27	26	28	274
515	29	19	25	18	20	10	27	22	24	27	26	28	275

Temperature at 300 mb

563	00	00	00	00	00	00	02	01	00	00	00	00	003
560	00	00	00	00	01	03	12	04	15	00	00	00	035
557	00	00	00	00	09	04	19	13	20	08	01	00	074
554	02	01	04	04	19	06	24	19	22	24	07	09	141
551	10	02	10	09	20	07	24	20	23	26	22	21	194
548	22	03	22	15	20	07	24	21	23	27	23	23	230
545	26	16	23	18	20	08	24	21	23	27	24	25	255
542	27	19	24	18	20	08	24	21	23	27	24	26	261
539	29	19	25	18	20	08	24	21	23	27	24	26	264

FREQUENCY ANALYSES
MAWSON 1957

Temperature at 200 mb

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
575	00	00	00	00	00	00	01	00	00	00	00	00	001
572	00	00	00	00	00	00	02	03	01	00	00	00	006
569	00	00	00	00	00	00	05	06	07	02	00	00	020
566	00	00	00	00	00	02	12	13	19	05	00	00	051
563	00	00	00	00	00	02	19	14	20	11	00	00	066
560	00	00	00	00	02	06	20	15	20	15	00	00	078
557	00	00	00	01	04	06	20	15	20	24	00	00	090
554	00	01	00	04	13	07	20	15	20	26	01	00	107
551	01	01	01	07	18	08	20	15	20	26	05	00	122
548	03	01	02	13	19	08	20	15	20	26	16	00	143
545	11	02	08	16	19	08	20	15	20	26	21	09	175
542	21	08	21	18	19	08	20	15	20	26	23	22	221
539	25	15	24	18	19	08	20	15	20	26	23	26	239
536	28	19	24	18	19	08	20	15	20	26	23	26	246
533	28	19	25	18	19	08	20	15	20	26	23	26	247

Temperature at 150 mb

572	00	00	00	00	00	00	02	01	01	00	00	00	004
569	00	00	00	00	00	00	06	06	11	01	00	00	024
566	00	00	00	00	00	02	12	11	16	04	00	00	045
563	00	00	00	00	00	03	14	11	17	07	00	00	052
560	00	00	00	00	00	04	14	11	17	13	00	00	059
557	00	00	00	00	04	06	14	11	17	16	00	00	068
554	00	00	00	03	12	07	14	11	17	20	00	00	084
551	00	00	00	08	19	08	14	11	17	23	00	00	100
548	00	01	01	12	19	08	14	11	17	25	01	00	109
545	01	01	09	13	19	08	14	11	17	25	06	01	125
542	14	10	22	14	19	08	14	11	17	25	13	17	184
539	27	17	24	14	19	08	14	11	17	25	22	26	224
536	28	17	24	14	19	08	14	11	17	25	23	26	226
533	28	17	24	14	19	08	14	11	17	25	23	26	226
530	28	17	25	14	19	08	14	11	17	25	23	26	227

Temperature at 100 mb

575	00	00	00	00	00	00	00	01	00	00	00	00	001
572	00	00	00	00	00	00	00	04	00	00	00	00	004
569	00	00	00	00	00	00	02	06	02	02	00	00	012
566	00	00	00	00	00	01	02	06	03	05	00	00	017
563	00	00	00	00	00	01	02	06	03	05	00	00	017
560	00	00	00	00	00	03	02	06	03	05	00	00	019
557	00	00	00	01	09	03	02	06	03	08	00	00	032
554	00	00	00	03	14	05	02	06	03	11	00	00	044
551	00	00	00	07	14	05	02	06	03	13	00	00	050
548	00	00	02	08	14	05	02	06	03	16	00	00	056
545	00	00	10	10	14	05	02	06	03	17	00	00	067
542	02	05	18	10	14	05	02	06	03	18	00	04	087
539	19	15	19	10	14	05	02	06	03	20	02	23	138
536	26	15	20	10	14	05	02	06	03	21	18	25	165
533	27	15	20	10	14	05	02	06	03	22	22	25	171

Temperature at Tropopause

575	00	00	00	00	00	00	01	00	00	00	00	00	001
572	00	00	00	00	00	00	03	02	00	00	00	00	005
569	00	00	00	00	00	01	03	04	04	02	00	00	014
566	00	00	00	00	03	02	08	08	12	06	00	00	039
563	00	00	00	01	05	04	13	09	13	13	01	00	059
560	01	00	00	03	09	05	16	09	14	18	01	00	076
557	07	00	04	06	16	07	16	09	14	25	07	01	112
554	15	04	10	12	19	07	18	09	14	25	14	14	161
551	22	08	16	14	20	08	18	09	14	25	21	22	197
548	26	15	24	18	20	08	18	09	14	25	23	24	224
545	28	17	24	18	20	08	18	09	14	25	23	25	229
542	29	19	25	18	20	08	18	09	14	25	23	26	234

FREQUENCY ANALYSES
MAWSON 1957

Geopotential at 850 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
105	00	00	00	01	00	00	01	04	04	01	00	00	011
110	00	00	03	03	01	01	07	05	14	09	00	00	043
115	01	01	11	08	07	03	16	08	21	18	00	02	096
120	06	11	17	11	11	07	23	13	25	24	10	08	166
125	22	16	22	16	15	09	24	15	25	25	23	15	227
130	29	19	25	17	16	10	27	20	25	26	25	23	262
135	29	19	26	17	18	11	27	21	25	27	26	27	273
140	29	19	26	17	19	11	27	22	25	27	26	28	276

Geopotential at 700 mb

240	00	00	00	00	00	00	00	00	01	00	00	00	001
245	00	00	00	00	00	00	00	03	04	00	00	00	007
250	00	00	01	03	01	01	05	05	12	03	00	00	031
255	00	00	03	03	05	01	14	06	18	10	00	00	060
260	00	00	10	09	11	06	21	09	22	21	00	00	109
265	02	06	15	12	13	06	23	14	25	24	11	06	157
270	16	15	20	16	15	09	24	16	25	25	21	13	215
275	24	17	23	17	16	10	26	20	25	26	25	18	247
280	29	19	25	17	18	11	27	20	25	27	25	26	269
285	29	19	25	17	19	11	27	20	25	27	26	27	272
290	29	19	25	17	19	11	27	22	25	27	26	28	275

Geopotential at 500 mb

475	00	00	00	00	00	00	00	00	01	00	00	00	001
480	00	00	00	00	00	00	00	03	03	00	00	00	006
485	00	00	00	01	01	00	01	05	08	00	00	00	016
490	00	00	01	02	02	00	07	06	15	03	00	00	036
495	00	00	01	03	09	00	15	09	18	09	00	00	064
500	00	00	04	08	12	05	21	09	22	14	00	00	095
505	01	03	10	09	14	05	23	13	23	24	03	02	130
510	02	08	15	12	14	07	24	15	24	24	13	06	164
515	09	15	19	16	17	09	24	19	24	24	21	13	210
520	20	16	23	18	17	09	26	20	24	25	24	18	240
525	25	17	23	18	20	10	27	20	24	26	25	21	256
530	29	18	25	18	20	10	27	20	24	27	25	27	270
535	29	19	25	18	20	10	27	20	24	27	26	28	273
540	29	19	25	18	20	10	27	22	24	27	26	28	275

FREQUENCY ANALYSES
MAWSON 1957

Geopotential at 300 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
810	00	00	00	00	00	00	00	03	03	00	00	00	006
820	00	00	00	00	01	00	05	05	14	00	00	00	025
830	00	00	01	02	09	00	13	08	18	03	00	00	054
840	00	00	05	05	12	04	19	11	21	17	00	00	094
850	01	04	10	12	14	06	20	15	23	24	07	00	136
860	04	13	18	14	17	07	22	19	23	24	19	11	191
870	20	14	21	18	20	07	23	19	23	26	23	17	231
880	27	17	24	18	20	08	24	19	23	27	23	26	256
890	29	18	25	18	20	08	24	20	23	27	24	26	262
900	29	19	25	18	20	08	24	21	23	27	24	26	264

Geopotential at 200 mb

1050	00	00	00	00	00	00	00	01	02	00	00	00	003
1060	00	00	00	00	00	00	02	03	07	00	00	00	012
1070	00	00	00	00	00	00	06	05	14	00	00	00	025
1080	00	00	00	00	03	02	14	08	18	02	00	00	047
1090	00	00	00	00	09	03	17	10	18	12	00	00	069
1100	00	00	01	02	13	06	18	12	20	21	00	00	093
1110	00	00	03	12	16	07	18	14	20	24	01	00	115
1120	00	02	12	15	19	07	20	14	20	25	18	06	158
1130	13	10	19	17	19	07	20	14	20	26	22	14	201
1140	20	15	24	18	19	08	20	15	20	26	23	23	231
1150	28	17	25	18	19	08	20	15	20	26	23	26	245
1160	28	18	25	18	19	08	20	15	20	26	23	26	246
1170	28	19	25	18	19	08	20	15	20	26	23	26	247

Geopotential at 150 mb

1220	00	00	00	00	00	00	00	00	02	00	00	00	002
1230	00	00	00	00	00	00	02	01	06	00	00	00	009
1240	00	00	00	00	00	00	05	02	12	00	00	00	019
1250	00	00	00	00	00	01	10	05	14	01	00	00	031
1260	00	00	00	00	00	02	13	07	15	01	00	00	038
1270	00	00	00	00	08	03	13	09	17	11	00	00	061
1280	00	00	00	00	12	05	14	10	17	20	00	00	078
1290	00	00	01	03	13	07	14	11	17	24	00	00	090
1300	00	00	02	12	19	07	14	11	17	25	00	00	107
1310	00	00	09	14	19	07	14	11	17	25	16	00	132
1320	06	04	17	14	19	08	14	11	17	25	22	08	165
1330	18	12	25	14	19	08	14	11	17	25	23	17	203
1340	24	14	25	14	19	08	14	11	17	25	23	26	220
1350	28	16	25	14	19	08	14	11	17	25	23	26	226
1360	28	17	25	14	19	08	14	11	17	25	23	26	227

Geopotential at 100 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1480	00	00	00	00	00	00	00	01	01	00	00	00	002
1490	00	00	00	00	00	00	00	02	01	00	00	00	003
1500	00	00	00	00	00	00	02	04	02	01	00	00	009
1510	00	00	00	00	00	00	02	05	03	02	00	00	012
1520	00	00	00	00	03	01	02	06	03	07	00	00	022
1530	00	00	00	00	07	01	02	06	03	10	00	00	029
1540	00	00	00	00	09	03	02	06	03	17	00	00	040
1550	00	00	00	02	12	04	02	06	03	20	00	00	049
1560	00	00	01	08	14	04	02	06	03	22	00	00	060
1570	00	00	02	09	14	05	02	06	03	22	00	00	063
1580	00	00	06	10	14	05	02	06	03	22	03	00	071
1590	00	01	14	10	14	05	02	06	03	22	17	04	098
1600	15	09	20	10	14	05	02	06	03	22	22	12	140
1610	22	12	20	10	14	05	02	06	03	22	22	25	163
1620	25	14	20	10	14	05	02	06	03	22	22	25	168
1630	27	15	20	10	14	05	02	06	03	22	22	25	171

Geopotential at Tropopause

700	00	00	00	01	01	00	00	00	00	00	00	00	002
750	00	01	01	02	02	01	01	00	00	00	01	01	010
800	03	08	05	04	03	01	01	00	00	00	03	01	029
850	07	10	12	06	06	01	02	00	00	01	06	05	056
900	15	13	18	08	12	02	03	00	00	02	12	17	102
950	19	13	20	14	15	03	09	00	02	10	18	25	148
1000	25	16	22	16	17	06	13	01	08	18	22	26	190
1050	28	17	25	17	20	08	16	01	08	21	22	26	209
1100	29	17	25	17	20	08	18	04	13	23	23	26	223
1150	29	18	25	18	20	08	18	07	14	25	23	26	231
1200	29	18	25	18	20	08	18	08	14	25	23	26	232
1250	29	18	25	18	20	08	18	09	14	25	23	26	233
1300	29	18	25	18	20	08	18	09	14	25	23	26	233
1350	29	18	25	18	20	08	18	09	14	25	23	26	233
1400	29	19	25	18	20	08	18	09	14	25	23	26	234

Pressure at Tropopause

Upper Limit Range - mb													
150	00	01	00	00	00	00	00	01	00	00	00	00	002
200	00	01	00	00	00	00	02	08	06	02	00	00	019
250	08	03	04	04	05	05	11	09	13	14	04	01	081
300	22	09	15	14	15	07	16	09	14	25	18	19	183
350	29	17	24	17	19	07	16	09	14	25	23	26	226
400	29	19	25	18	20	08	18	09	14	25	23	26	234

FREQUENCY ANALYSES
TAYLOR 1957

Maximum Temperature

Upper Limit Range - °F													Total
509	00	00	00	00	00	00	00	00	01	00	00	00	001
508	00	00	00	00	00	00	00	00	02	00	00	00	002
505	00	00	00	00	00	00	01	00	02	00	00	00	003
504	00	00	00	00	00	00	02	00	02	00	00	00	004
502	00	00	00	00	00	00	04	00	02	00	00	00	006
001	00	00	00	00	00	00	04	00	03	00	00	00	007
002	00	00	00	00	00	00	05	00	03	00	00	00	008
003	00	00	00	00	00	00	05	00	04	00	00	00	009
004	00	00	00	00	00	00	06	00	04	00	00	00	010
005	00	00	00	00	00	00	06	00	05	00	00	00	011
008	00	00	00	00	00	00	06	00	06	00	00	00	012
009	00	00	00	00	00	00	06	00	07	00	00	00	013
010	00	00	00	00	00	00	06	00	08	00	00	00	014
012	00	00	00	00	00	00	06	00	11	00	00	00	017
013	00	00	00	00	00	00	07	00	11	00	00	00	018
014	00	00	00	00	00	00	07	00	12	01	00	00	020
015	00	00	00	00	00	00	07	00	14	02	00	00	023
018	00	00	00	00	00	00	07	00	14	03	00	00	024
019	00	00	00	00	00	00	07	00	14	05	00	00	026
020	00	00	00	00	00	00	07	00	15	05	00	00	027
021	00	00	00	00	00	00	07	00	16	06	00	00	029
022	00	00	00	00	00	00	07	00	16	07	01	00	031
023	00	00	00	00	00	00	07	00	16	08	02	00	033
024	00	00	00	00	00	00	07	00	16	10	04	00	037
025	00	00	00	00	00	00	07	00	16	14	05	00	042
026	00	00	00	00	00	00	07	00	16	17	05	00	045
029	00	00	00	00	00	00	07	00	16	18	06	00	047
030	00	00	00	00	00	00	07	00	16	20	06	00	049
031	00	00	00	00	00	00	07	00	16	21	07	00	051
035	00	00	00	00	00	00	07	00	16	22	07	00	052

Minimum Temperature

519	00	00	00	00	00	00	00	00	01	00	00	00	001
516	00	00	00	00	00	00	01	00	01	00	00	00	002
515	00	00	00	00	00	00	02	00	01	00	00	00	003
514	00	00	00	00	00	00	03	00	01	00	00	00	004
513	00	00	00	00	00	00	03	00	03	00	00	00	006
512	00	00	00	00	00	00	03	00	04	00	00	00	007
509	00	00	00	00	00	00	03	00	05	00	00	00	008
508	00	00	00	00	00	00	05	00	06	00	00	00	011
507	00	00	00	00	00	00	06	00	06	00	00	00	012
505	00	00	00	00	00	00	06	00	07	00	00	00	013
504	00	00	00	00	00	00	07	00	08	00	00	00	015
503	00	00	00	00	00	00	07	00	09	00	00	00	016
502	00	00	00	00	00	00	07	00	09	01	00	00	017
501	00	00	00	00	00	00	07	00	11	02	00	00	020
000	00	00	00	00	00	00	07	00	12	02	00	00	021
001	00	00	00	00	00	00	07	00	13	02	00	00	022
003	00	00	00	00	00	00	07	00	15	02	00	00	024
004	00	00	00	00	00	00	07	00	16	02	00	00	025

	Direction x 10°			Direction and Speed of Surface Wind							
				Calm	1-9	10-19	20-29	30-39	40-49	≥50	Total
Jul.	35	36	01		000	000	000	000	000	000	000
	02	03	04		000	000	000	000	000	000	000
	05	06	07		001	000	000	000	000	000	001
	08	09	10		002	001	000	000	000	000	003
	11	12	13		005	008	000	000	000	000	013
	14	15	16		003	001	000	000	000	000	004
	17	18	19		001	000	000	000	000	000	001
	20	21	22		001	000	000	000	000	000	001
	23	24	25		000	000	000	000	000	000	000
	26	27	28		001	000	000	000	000	000	001
	29	30	31		000	000	000	000	000	000	000
	32	33	34		000	000	000	000	000	000	000
											011
				011	014	010	000	000	000	000	035
Sep.	35	36	01		000	000	000	000	000	000	000
	02	03	04		000	000	000	000	000	000	000
	05	06	07		000	000	000	000	000	000	000
	08	09	10		002	000	000	000	000	000	002
	11	12	13		020	016	001	000	000	000	037
	14	15	16		008	000	000	000	000	000	008
	17	18	19		000	001	000	000	000	000	001
	20	21	22		000	000	000	000	000	000	000
	23	24	25		000	000	000	000	000	000	000
	26	27	28		000	000	000	000	000	000	000
	29	30	31		000	000	000	000	000	000	000
	32	33	34		000	000	000	000	000	000	000
											021
				021	030	017	001	000	000	000	069
Oct.	35	36	01		000	000	000	000	000	000	000
	02	03	04		000	000	000	000	000	000	000
	05	06	07		000	000	000	000	000	000	000
	08	09	10		000	000	000	000	000	000	000
	11	12	13		020	016	007	008	006	003	060
	14	15	16		001	000	000	000	000	000	001
	17	18	19		000	000	000	000	000	000	000
	20	21	22		000	000	000	000	000	000	000
	23	24	25		000	000	000	000	000	000	000
	26	27	28		000	000	000	000	000	000	000
	29	30	31		000	000	000	000	000	000	000
	32	33	34		000	001	000	000	000	000	001
											030
				030	021	017	007	008	006	003	092
Nov.	35	36	01		000	000	000	000	000	000	000
	02	03	04		000	000	000	000	000	000	000
	05	06	07		000	000	000	000	000	000	000
	08	09	10		000	000	000	000	000	000	000
	11	12	13		005	001	000	000	000	000	006
	14	15	16		003	001	000	000	000	000	004
	17	18	19		000	000	000	000	000	000	000
	20	21	22		000	000	000	000	000	000	000
	23	24	25		000	000	000	000	000	000	000
	26	27	28		001	000	000	000	000	000	001
	29	30	31		000	000	000	000	000	000	000
	32	33	34		000	000	000	000	000	000	000
											021
				021	009	002	000	000	000	000	032

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	05	9951	035	031	022	05	10	82	5	03	1	2	5	3	0	5	1								
10	11	9954	036	032	023	03	12	82	7	02	2	2	5	3	5		1								
10	17	9941	035	031	023	36	03	82	5	01	2	0	0	4	5	0									
10	23	9924	031	027	016	07	04	82	5	02	2	0	0	4	5	1				05	33		0000	038	030
11	05	9911	029		012	08	05	82	7	02	2	0	0	4	7										
11	11	9888	028	024	011	03	12	82	7	02	2	4	5	7	3		8								
11	17	9855	028	024	011	02	01	82	7	02	2	4	5	7	7										
11	23	9834	023	020	011	08	05	83	1	01	2	1	5	7	0	0				06	20		0000	030	022
12	05	9842	021		008	09	07	83	1	02	0	1	5	7	0	0	5								
12	11	9852	029	025	015	36	07	83	1	02	0	1	5	7	0	0	5								
12	17	9870	031	027	019	34	03	83	2	03	1	1	5	7	3	0	5								
12	23	9881	029	026	018	01	06	83	7	03	1	1	5	7	3					01	14		0000	031	019
13	05	9888	027		018	03	15	83	7	14	2	3	5	7	7		1								
13	11	9879	031	028	020	04	06	83	8	14	2	3	5	6	7	7	1								
13	17	9875	030	030	030	18	05	08	8	71	7	6	0	2	2		8								
13	23	9853	032	031	030	23	09	80	8	02	7	6	6	3						04	26		0000	033	027
14	05	9843	030	029	027	23	05	81	8	22	7	8	5	3											
14	11	9840	034	032	029	35	06	82	7	02	2	3	6	5	1	8	1								
14	17	9861	035	033	030	23	04	82	7	15	2	5	5	5	7										
14	23	9895	032	030	027	16	03	83	5	01	2	1	5	3	3	1				05	19	130	0000	037	029
15	05	9922	027		017	10	05	83	1	02	0	0	0	9	0	1									
15	11	9941	034	029	016	36	07	83	1	02	0	0	0	9	0	1			6						
15	17	9941	034	031	027	32	03	83	0	02	0	0	0	9	0	0									
15	23	9927	030	029	027	36	01	83	7	03	0	7	5	3						03	14	136	0000	036	025
16	05	9912	028	027	026	03	10	82	8	15	8	8	8	3											
16	11	9910	026	023	015	03	12	82	7	14	2	5	5	6	7		3								
16	17	9894	028	024	013	00	00	83	3	01	2	0	0	9	3	0									
16	23	9871	025	021	009	10	06	83	0	02	0	0	0	9	0	0				04	23	155	0000	030	023
17	05	9864	021		001	10	04	83	0	02	0	0	0	9	0	0									
17	11	9855	032	025	004	05	16	83	0	02	0	0	0	9	0	0									
17	17	9853	036	029	010	04	14	83	1	02	0	0	0	9	3	1									
17	23	9840	030	025	010	06	12	83	1	02	0	0	0	9	0	1				04	28	178	0000	036	014
18	05	9873	030		015	07	07	83	5	03	0	0	0	9	3	2		1	8						
18	11	9897	037	031	015	03	18	83	4	02	1	0	0	9	3	1		1	8						
18	17	9897	038	032	018	03	15	83	4	02	1	0	0	9	3	2		1	8						
18	23	9900	032	025	012	06	15	83	5	02	1	0	0	9	0	1				05	37	351	0000	040	028
19	05	9891	026		007	06	15	83	3	02	1	1	5	5	0	1	1								
19	11	9888	030	025	010	03	13	83	7	03	1	6	5	6	3		1								
19	17	9882	032	026	012	04	13	83	6	01	2	0	0	9	3	5		1	2						
19	23	9889	027	022	002	06	05	83	2	02	1	0	0	9	3	8				04	37	398	0000	033	025
20	05	9897	022	018	000	07	08	83	2	02	1	0	0	9	0	1									
20	11	9887	028	023	005	05	18	83	2	02	1	0	0	9	3	1									
20	17	9866	029	024	010	03	15	83	1	02	0	0	0	9	3	0									
20	23	9856	023	019	005	06	08	83	1	02	0	0	0	9	3	0				02	30	286	0000	031	020
21	05	9857	023		002	07	12	83	1	02	0	1	5	7	0	0									
21	11	9856	025	020	003	03	18	83	1	02	0	1	5	7	0	0									
21	17	9848	027	022	004	03	12	83	1	02	0	1	5	7	0	0									
21	23	9852	024	021	011	06	06	83	7	15	1	7	5	6						04	30		0000	028	019
22	05	9860	023		008	10	02	82	7	14	2	7	5	6			2								
22	11	9863	027	022	006	23	03	82	7	02	2	3	5	7	3		2								
22	17	9872	028	024	011	29	02	82	7	02	2	4	5	7	3		2								
22	23	9876	026	023	014	00	00	82	7	02	2	3	5	6	3					24	15	492	0000	029	023
23	05	9878	024		019	29	05	82	7	02	2	7	5	6											
23	11	9885	023	021	017	04	10	80	7	26	8	7	8	5			8								
23	17	9881	024	021	013	04	15	80	7	15	8	7	8	5											
23	23	9878	023	020	011	06	13	80	8	16	8	8	5	5						04	25	094	0000	025	022
24	05	9881	022		014	04	04	81	8	15	8	8	5	5											
24	11	9893	023	020	008	04	06	82	7	02	2	3	5	7	3		1	6							
24	17	9910	023	020	010	00	00	82	7	02	2	3	5	7	7										
24	23	9929	021	018	008	12	07	82	8	02	2	4	5	7						05	16	234	0001	025	019

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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
25	05	9938	015		004	11	07	82	8	02	2	3	5	7	1										
25	11	9930	021	018	006	01	05	82	7	02	2	1	5	7	7		1	6							
25	17	9949	023	020	008	00	00	82	7	02	2	1	5	7	5		1								
25	23	9855	021	017	003	12	06	82	6	01	2	1	5	7	5	0				12	16	126	0000	023	019
26	05	9812	014		502	12	08	83	2	01	1	0	0	9	3	5									
26	11	9798	021	017	501	04	14	83	2	02	1	0	0	9	3	5		3	7						
26	17	9794	023	019	005	33	05	83	5	02	1	1	5	8	5	0									
26	23	9798	023	021	014	04	07	81	7	16	2	7	5	7						05	21	152	0000	025	014
27	05	9804	022		010	05	13	81	7	16	2	7	5	5											
27	11	9802	023	022	018	35	05	81	7	15	2	7	5	5			1								
27	17	9797	024	023	021	00	00	40	8	78	7	7	0	3	2										
27	23	9807	026	024	019	04	23	80	7	16	7	7	5	5						05	38	161	0000	026	021
28	05	9824	024		014	05	20	82	7	14	7	2	5	5	1										
28	11	9804	027	022	007	04	17	81	7	14	2	7	6	5											
28	17	9765	026	022	008	04	15	82	6	01	2	3	5	7	3	1	1								
28	23	9746	021	018	005	00	00	82	5	02	1	3	5	7	3	0				05	39	344	0001	026	021

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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	05	9744	025		011	13	01	82	5	02	1	0	0	9	3	1		2							
01	11	9755	027	022	006	00	00	83	7	02	2	0	0	9	5			2							
01	17	9776	029	025	012	20	06	83	7	02	2	0	0	9	5			2							
01	23	9801	024	022	015	00	00	83	3	01	1	0	0	9	3	0				22	13	273	0000	030	020
02	05	9832	023		010	08	03	83	8	03	1	3	5	6	3										
02	11	9845	027	023	010	03	15	83	8	02	2	5	5	7	3	1									
02	17	9844	026	022	010	02	14	83	7	02	2	3	5	6	3										
02	23	9850	024	021	011	03	05	83	7	02	2	5	5	6	3					03	25	264	0000	028	021
03	05	9815	023		010	04	04	83	7	02	2	7	5	7											
03	11	9793	023	020	008	00	00	82	7	15	2	5	5	6	3			5							
03	17	9777	022	021	017	00	00	81	7	15	7	5	8	5	3										
03	23	9754	021	020	017	05	01	81	6	15	7	6	5	5	0	0				14	10	083	0000	025	020
04	05	9742	021		016	29	03	81	7	15	7	7	5	5											
04	11	9726	021	018	008	04	10	83	7	15	7	7	5	6				1							
04	17	9709	022	018	004	05	05	83	7	02	2	7	5	6				1							
04	23	9734	013	010	508	07	14	83	3	01	2	3	5	6	0	0				04	24	184	0000	023	011
05	05	9760	009		508	09	12	83	7	03	1	7	5	7											
05	11	9799	015	012	503	00	00	83	7	02	2	7	5	7				5							
05	17	9830	017	014	501	00	00	83	7	15	2	7	5	7											
05	23	9866	017	014	000	12	02	83	7	02	2	7	5	5						09	17	120	0000	017	009
06	05	9900	015		000	08	12	83	7	02	2	7	5	6											
06	11	9902	019	017	012	02	05	82	7	15	2	7	8	5				1							
06	17	9868	020	017	008	04	13	82	6	03	1	4	5	6	1	0	1	6							
06	23	9782	022	018	001	07	12	82	7	02	2	7	5	6						03	30	235	0000	022	015
07	05	9690	023		012	08	28	82	7	02	7	7	5	6											
07	11	9667	027	024	014	07	30	80	7	15	7	3	6	5	7			1							
07	17	9704	026	025	022	25	07	80	8	22	7	5	5	5	7										
07	23	9756	026	024	020	19	07	80	8	22	7	8	5	5						07	47	388	0000	029	020
08	05	9800	024		017	12	01	82	7	02	7	7	5	7											
08	11	9845	029	026	018	05	01	83	8	14	2	3	5	7	3	7	2								
08	17	9890	025	024	023	24	08	82	7	02	2	7	5	7											
08	23	9932	020	019	016	23	07	82	7	02	2	7	5	6						23	12	139	0002	030	020
09	05	9950	020		016	19	01	82	7	02	2	5	5	5	3			6							
09	11	9938	027	022	008	03	06	83	8	02	2	3	5	7	7		1	6							
09	17	9949	025	023	019	22	14	83	4	01	2	1	5	7	3	1	5	5	6						
09	23	9978	018	016	008	13	05	83	7	03	1	7	5	6						21	18	180	0000	028	017
10	05	0000	016		009	00	00	83	5	01	2	5	5	6	0	1									
10	11	0000	020	018	013	35	05	83	4	02	1	1	5	6	3	5	8	6	6						
10	17	9970	023	021	013	01	06	83	6	03	1	1	0	9	0	6			6						
10	23	9932	021	019	011	13	01	83	6	02	1	0	0	9	0	6				03	25	120	0000	024	015
11	05	9905	026		004	06	16	82	7	03	1	0	0	9	2										
11	11	9899	026	022	008	06	22	82	7	02	2	3	5	6	2			1							
11	17	9907	027	023	010	07	18	82	7	02	2	4	5	5	2			1							
11	23	9920	026	022	008	07	15	82	8	15	2	5	5	5	2			1		06	47	385	0000	028	021
12	05	9938	025		010	11	02	82	8	14	2	8	5	5											
12	11	9961	025	022	011	13	02	82	8	02	2	4	5	7	7	7	2								
12	17	9972	027	023	011	00	00	82	7	02	2	5	5	7	5										
12	23	9983	021	018	006	10	06	83	2	01	2	1	5	7	3	0				10	16	124	0000	027	020
13	05	9985	020		004	12	14	83	5	02	1	4	5	7	3	0									
13	11	9985	025	020	004	00	00	83	2	01	1	1	5	7	3	0	2	3							
13	17	9983	025	022	012	30	01	83	1	02	1	1	5	7	3	1									
13	23	9978	020	017	004	07	05	83	7	03	0	7	5	6						10	21	172	0000	026	018
14	05	9975	019		006	10	10	83	7	02	2	7	5	6											
14	11	9989	021	018	004	13	07	83	5	01	2	3	5	6	3	5	5	5	5						
14	17	9979	021	018	009	00	00	83	8	03	1	6	5	5	0	7									
14	23	9928	020	017	006	04	15	83	8	02	2	7	5	5	0	7				04	27	161	0000	022	016
15	05	9847	017		013	07	10	08	8	70	7	8	0	4	2										
15	11	9856	020	019	018	20	01	40	8	67	7	8	6	5	0	5									
15	17	9883	022	020	016	00	00	81	7	26	7	7	8	5											
15	23	9885	017	017	015	30	05	40	8	70	7	8	0	4	2					04	24	212	0005	023	016

Results of Surface Observations,
DAVIS – Mar., 1957

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
16	05	9875	015		013	36	03	81	7	15	7	7	5	3											
16	11	9872	015	014	009	05	17	80	7	15	2	6	5	3	5		1	2							
16	17	9894	015	013	006	04	18	80	8	15	2	8	5	3			1								
16	23	9917	015	014	009	09	07	81	7	02	2	7	5	3						04	31	292	0004	018	014
17	05	9940	010		002	12	12	82	7	02	2	7	5	7											
17	11	9928	012	010	001	12	01	83	3	01	2	3	8	3	3	0	7	6							
17	17	9909	014	012	501	00	00	83	2	02	0	1	5	7	0	5									
17	23	9908	007		502	07	07	83	2	02	0	2	5	7	0	0				12	16	171	0000	016	005
18	05	9911	013		005	07	06	83	7	03	1	7	5	7											
18	11	9918	018	016	008	00	00	83	7	02	2	7	5	7			1								
18	17	9911	019	017	010	00	00	82	7	02	2	7	5	6											
18	23	9905	019		012	09	04	82	7	02	2	5	5	7	3					06	16	125	0000	019	009
19	05	9906	019		011	06	09	83	6	01	2	6	5	6	0	0									
19	11	9926	024	022	016	04	15	80	7	15	2	6	8	6	0	5	1								
19	17	9952	023	021	016	03	16	83	7	02	2	7	5	6	4										
19	23	9970	021		015	04	20	80	8	22	2	8	7	4						04	32	310	0000	024	019
20	05	9982	019		013	04	21	80	7	36	2	7	5	3											
20	11	9971	020	019	017	04	28	56	7	36	3	7	5	3											
20	17	9939	015	015	015	25	15	04	9	75	3	9													
20	23	9990	007		001	25	10	80	8	15	7	8	5	3						04	41	413	0000	021	005
21	05	9977	002		505	25	15	40	8	15	7	8	8	3											
21	11	9925	000	501	510	23	10	30	8	16	7	8	8	3			6								
21	17	9894	506	507	514	09	10	81	6	15	1	5	5	3	3		4	5							
21	23	9855	509		516	13	08	83	1	01	1	1	5	3	0	0				25	23	255	0032	006	513
22	05	9926	509		517	10	11	83	6	03	1	1		6	3	6									
22	11	9799	004	003	507	20	04	83	7	02	2	1	5	6	0	6	1		7						
22	17	9774	013	013	011	18	07	24	8	70	2	8	0	3	2										
22	23	9780	017		016	13	06	24	9	70	7	9								11	14	165	0001	017	516
23	05	9784	017		010	13	05	82	5	01	2	3	5	3	3	1									
23	11	9798	020		015	00	00	83	4	01	2	2	5	3	3	1	2	6	7						
23	17	9789	019		016	24	12	83	4	01	2	3	5	3	0	1	5		7						
23	23	9780	014		012	22	07	83	7	03	2	7	5	3						24	16	163	0001	022	012
24	05	9777	010		005	10	05	83	7	02	2	7	5	3											
24	11	9772	009		000	10	12	83	7	02	2	7	5	3			4								
24	17	9754	008		501	14	07	83	4	01	2	4	5	3	0										
24	23	9765	002		506	14	13	83	2	01	1	2	5	3	0	0				12	18	215	0000	012	000
25	05	9796	000		510	13	14	83	5	03	1	5	5	6	0	0									
25	11	9830	001		510	11	15	83	5	02	1	3	5	3	0	5	5		5						
25	17	9842	000		510	12	19	83	7	36	3	1	5	3	0	6	5		5						
25	23	9828	005		504	11	12	83	8	02	2	0	0	3	0	7				13	36	322	0000	008	502
26	05	9803	008		501	13	10	82	8	02	2	0	0	3	1	8									
26	11	9782	014		010	16	05	80	8	76	2	5	6	4	0	8	4		6						
26	17	9776	017		015	21	05	04	9	76	7	9													
26	23	9771	017		017	00	00	00	9	71	7	9								07	16	158	0000	018	008
27	05	9772	020		019	27	03	01	9	71	7	9													
27	11	9774	023		018	04	18	24	9	70	7	9													
27	17	9774	023		021	03	34	00	9	38	3	9													
27	23	9777	022		021	04	31	01	9	38	3	9								03	43	466	0024	024	018
28	05	9763	022		020	04	36	24	9	38	3	9													
28	11	9768	022		020	05	40	80	8	38	3	5	5	3	7										
28	17	9789	022	021	018	05	30	80	7	36	3	5	5	3	0	8									
28	23	9795	021		017	05	28	60	9	36	3	9								05	55	752	0001	022	021
29	05	9810	021		011	07	22	82	7	02	2	0	0	4	1	8									
29	11	9828	020	017	006	09	14	83	6	01	2	3	5	3	3	8	1	1	1						
29	17	9836	017	015	007	07	10	83	2	02	1	0	0	4	3	8									
29	23	9829	012		002	07	07	83	2	02	1	0	0	4	3	8				05	39	347	0003	022	012
30	05	9820	013		003	07	12	83	7	03	1	5	5	6	5										
30	11	9800	016		005	06	14	83	7	02	2	6	5	6	5		1								
30	17	9792	017		006	09	01	83	7	02	2	5	5	6	3	1									
30	23	9783	008		502	09	09	83	2	01	2	2	5	6	0	0				06	27	224	0000	018	007
31	05	9770	007		504	10	05	83	7	03	1	3	5	6	0	6									
31	11	9761	013	011	501	04	17	83	7	02	2	2	5	6	0	6	1		8						
31	17	9754	013	011	003	04	15	83	8	02	2	2	5	6	0	7	1		8						
31	23	9755	015		004	11	02	83	7	02	2	1	5	6	0	8				04	32	282	0000	014	006

Results of Surface Observations,
DAVIS – Apr., 1957

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	05	9762	014		008	11	03	83	6	02	2	2	5	6	0	8	1		1						
01	08	9765	016	014	007	04	08	83	6	02	2	1	5	6	7	8	1	1	1						
01	11	9772	019	017	010	04	08	81	6	02	2	1	5	6	5	8	1	1	1						
01	14	9775	020	016	005	00	00	81	5	02	2	1	5	6	5	0	1	1							
01	17	9783	017	014	006	03	03	82	5	02	2	0	0	0	4	5									
01	20	9799	013		003	09	06	82	5	02	2	0	0	0	4	5									
01	23	9816	013		004	09	05	82	7	02	2	0	0	0	4	5				04	16	098	0000	021	012
02	02	9830	010		002	14	05	82	6	02	2	0	0	0	4	5									
02	05	9844	009		001	13	07	83	6	02	2	2	5	7	5	0	1								
02	08	9852	011	009	001	15	08	83	6	02	2	0	0	0	4	5									
02	11	9861	014	012	004	14	04	83	6	02	2	0	0	0	4	5									
02	14	9876	017		008	18	04	83	4	01	2	0	0	0	4	3									
02	17	9884	016	014	009	20	07	83	2	01	1	0	0	0	4	3									
02	20	9893	014		010	20	07	83	1	02	0	0	0	0	4	3									
02	23	9901	009		003	18	07	83	1	02	0	0	0	0	4	3				18	15	115	0000	018	008
03	02	9901	008		002	17	12	83	1	02	0	1	5	5	0	0	5								
03	05	9900	007		000	17	05	83	1	02	0	1	5	5	0	0	5								
03	08	9895	006	005	503	17	10	83	1	02	0	0	0	4	0	1			5						
03	11	9886	013		008	20	07	83	2	03	0	2	5	5	0	1	4		5						
03	14	9875	013	013	013	23	10	83	1	02	1	1	5	4	0	1	4		5						
03	17	9860	011	010	006	18	01	83	2	02	1	1	5	4	0	5									
03	20	9859	010		009	08	09	83	2	02	1	1	5	4	0	5									
03	23	9854	007		502	08	10	83	2	02	1	0	0	9	0	5				16	21	106	0000	015	005
04	02	9848	005		504	09	10	83	2	02	1	0	0	9	0	5									
04	05	9842	004		505	10	10	83	2	02	1	0	0	9	0	5			6						
04	08	9837	005		506	11	08	83	2	02	1	0	0	9	0	5			6						
04	11	9834	011		502	13	05	83	2	02	1	0	0	9	0	1			6						
04	14	9831	014	012	002	14	07	83	2	02	1	0	0	9	0	1									
04	17	9830	012	010	004	14	05	83	2	02	1	1	5	8	0	5									
04	20	9828	014		004	00	00	83	6	03	1	6	5	7	0	0									
04	23	9823	013		006	00	00	83	7	02	2	7	5	7						11	12	191	0000	015	003
05	02	9816	010		004	12	04	83	2	01	2	2	5	5	0	0									
05	05	9815	008		004	09	01	83	1	02	1	1	5	5	0	0	3								
05	08	9804	010	010	010	25	15	82	6	15	1	6	5	5	0	0									
05	11	9793	007		006	26	10	82	8	02	2	8	6	3			5								
05	14	9783	005		005	25	10	82	8	02	2	8	6	3											
05	17	9780	007		007	18	07	82	3	01	2	3	5	4	0	0	4								
05	20	9782	004		507	18	07	83	1	02	0	1	5	4	0	0									
05	23	9771	003		506	09	06	83	1	02	0	1	5	4	0	0				27	21	123	0000	014	002
06	02	9787	003		507	10	15	83	1	02	0	0	0	9	3	0									
06	05	9784	002		507	10	08	83	2	03	0	0	0	9	5	1		5							
06	08	9785	003		506	10	08	83	3	02	2	0	0	9	7	5		7	6						
06	11	9791	015	013	003	03	12	83	7	02	2	2	6	5	7	5	1	7	6						
06	14	9806	015		006	03	15	83	7	02	2	0	0	9	7			7							
06	17	9819	014	013	005	03	20	82	8	02	2	0	0	9	2										
06	20	9829	014		004	04	30	81	8	02	2	8	0	7	2										
06	23	9829	014		006	04	30	81	8	02	2	8	0	7	2					04	44	211	0000	016	001
07	02	9822	015		006	04	27	81	8	02	2	8	0	7	2										
07	05	9815	015		007	04	26	82	8	02	2	5	5	5	2		1								
07	08	9819	016	014	005	05	12	56	8	15	2	8	5	5			1								
07	11	9821	015	014	008	06	07	08	8	77	2	8	0	4	2										
07	14	9823	017	016	011	04	06	40	8	22	7	8	6	4											
07	17	9826	015		012	14	01	16	9	70	7	9													
07	20	9829	015		014	12	01	16	9	70	7	9													
07	23	9830	014		013	11	01	16	9	70	7	9								05	47	1501	0000	017	014
08	02	9832	014		013	00	00	16	9	70	7	9													
08	05	9827	015		014	04	01	24	9	70	7	9													
08	08	9815	015		014	22	01	40	7	78	7	7	6	5											
08	11	9787	015		013	09	03	81	7	14	7	7	6	4			1								
08	14	9764	015		008	11	01	82	7	02	2	5	5	5	7		1								
08	17	9749	013	011	004	09	05	82	7	02	2	5	5	5	7		1								
08	20	9745	010		003	10	07	82	5	01	2	3	5	5	3	0	1								
08	23	9744	011		003	14	05	82	7	02	2	7	5	5			1			12	11	107	0003	015	009
09	02	9748	012		005	11	08	82	7	02	2	7	5	5			1								
09	05	9751	011		005	13	07	82	8	02	2	5	5	5	7		1								
09	08	9760	011		004	12	10	82	8	14	2	6	6	4	7										
09	11	9772	013	012	006	13	04	82	8	15	2	6	5	6	7		2								
09	14	9785	014	012	005	13	03	82	8	02	2	6	5	7	7										
09	17	9795	013	012	006	11	03	82	8	14	2	6	5	7	7										
09	20	9804	012		006	10	05	82	8	02	2	5	5	7	7										
09	23	9811	013		009	04	07	56	9	77	2	9								11	22	166	0000	015	010

Results of Surface Observations,
DAVIS — Apr., 1957

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	9832	006		005	26	12	24	9	77	7	9	6	5											
10	05	9850	002		501	31	07	08	8	77	2	8	6	3											
10	08	9856	001	001	502	33	01	82	7	01	2	7	5	3											
10	11	9861	000		504	32	06	83	3	02	1	3	5	6											
10	14	9864	001		506	00	00	83	3	01	1	5	5	5											
10	17	9863	003		507	00	00	83	5	02	2	5	5	6	0	0	8	6							
10	20	9870	006		506	00	00	83	7	03	2	8	5	5	3		8								
10	23	9863	004		507	00	00	81	8	16	2	8	5	5	3					27	15	147	0001	011	505
11	02	9870	502		505	00	00	81	8	02	7	8	6	4											
11	05	9856	000		503	00	03	81	8	27	2	8	5	5	2		1								
11	08	9839	005		002	10	23	24	8	36	2	8	6	4			1								
11	11	9825	009		003	06	23	56	8	36	3	8	5	5			1								
11	14	9810	012		008	04	23	80	8	36	3	8	5	4			1								
11	17	9794	015		007	05	23	01	8	36	3	8	5	5			1								
11	20	9781	015		008	05	21	88	8	36	3	8	5	5			1								
11	23	9771	016		008	06	27	81	8	02	2	8	5	3	2		1			05	47	090	0000	017	503
12	02	9772	016		009	07	17	81	8	02	2	5	5	5											
12	05	9773	014		010	05	23	81	8	02	2	5	5	5											
12	08	9793	021	019	011	06	22	81	8	02	2	5	5	5											
12	11	9811	022	019	010	05	17	82	8	02	2	5	5	5											
12	14	9825	021	018	006	05	15	82	8	02	2	5	5	5											
12	17	9849	015		003	00	00	82	8	01	2	5	5	5											
12	20	9845	014		001	05	03	83	7	02	2	6	5	3											
12	23	9848	015		001	07	06	83	8	02	2	5	5	3	2	7	1			06	41	1520	0000	023	012
13	02	9846	015		005	05	01	83	8	02	2	5	5	3											
13	05	9846	014		006	05	07	83	8	02	2	5	5	3											
13	08	9846	013	011	001	08	07	83	8	01	2	5	5	3											
13	11	9839	014		001	09	01	83	8	16	2	5	5	3											
13	14	9831	015		006	05	03	81	8	15	2	6	5	4											
13	17	9824	015		007	04	06	81	8	02	2	6	5	4											
13	20	9816	014		004	05	12	82	7	02	2	6	5	5	7	7	1	6	8						
13	23	9802	013		004	04	12	82	7	02	2	6	5	5	3	3	1			04	23	183	0000	015	012
14	02	9791	014		007	07	03	40	8	22	2	6	5	5	2										
14	05	9775	016		006	05	10	56	8	22	2	6	5	4											
14	08	9769	016	014	005	09	01	24	8	16	2	6	5	3											
14	11	9761	016	014	005	07	10	40	8	14	2	6	5	3											
14	14	9751	017	015	007	04	10	80	8	15	2	6	5	4											
14	17	9756	016		004	04	14	81	8	15	2	6	5	4											
14	20	9761	015		003	04	10	81	8	02	2	6	5	5	1	1									
14	23	9764	014		002	08	03	82	8	02	2	6	5	5	1	1				05	27	170	0001	018	012
15	02	9769	007		501	11	06	83	6	01	2	5	5	5	3	7	0								
15	05	9771	005		504	11	06	83	6	02	2	5	5	5	1	3	5								
15	08	9767	005		506	13	08	83	6	02	2	5	5	5	0	5	1	1							
15	11	9763	007	005	506	12	08	83	6	02	2	5	5	5	0	4	7	1							
15	14	9764	007	005	506	12	07	83	6	02	2	5	5	5	0	4	7	1							
15	17	9766	003		506	10	06	83	6	01	2	5	5	5	0	4	7	1							
15	20	9771	002		508	10	07	83	6	02	2	5	5	5	0	4	7	1							
15	23	9769	001		509	10	07	83	5	02	2	5	5	5	0	4	7	1		09	18	230	0000	012	001
16	02	9763	001		508	00	00	83	5	02	2	5	5	5	0	4	7	1							
16	05	9762	002		509	10	06	83	5	02	2	5	5	5	0	4	7	1							
16	08	9750	004	003	507	09	07	83	5	02	2	5	5	5	0	4	7	1							
16	11	9744	008	006	503	11	06	83	5	02	2	5	5	5	0	4	7	1							
16	14	9729	011	009	000	12	04	83	5	02	2	5	5	5	0	4	7	1							
16	17	9712	010		501	10	05	83	5	02	2	5	5	5	0	4	7	1							
16	20	9690	009		501	10	05	83	5	01	2	5	5	5	0	4	7	1							
16	23	9677	009		001	09	05	82	5	02	2	5	5	5	0	4	7	1		11	11	175	0000	012	001
17	02	9670	011		010	09	04	81	8	22	7	8	6	5											
17	05	9664	013		009	05	06	81	8	15	2	8	6	5											
17	08	9661	014	012	004	07	01	81	8	02	2	8	6	5											
17	11	9671	015	014	008	00	00	81	8	02	2	8	6	5											
17	14	9677	016	015	009	14	01	81	8	02	2	8	6	5											
17	17	9686	016		011	14	05	82	8	02	2	8	5	5											
17	20	9696	020		014	10	04	82	8	02	2	8	5	5											
17	23	9705	021		015	07	02	82	7	02	2	8	5	5	7	7	1	1		14	12	128	0000	021	011
18	02	9731	021		017	05	02	82	7	02	2	4	5	5											
18	05	9781	021		015	04	36	80	7	02	2	3	5	5											
18	08	9826	019	017	010	05	14	83	7	01	2	2	5	5											
18	11	9814	018		012	23	07	83	6	03	2	2	5	5											
18	14	9801	027		012	05	20	83	5	02	2	2	5	5											
18	17	9801	019	018	014	00	08	83	5	02	2	2	5	5											
18	20	9782	025		012	07	18	83	6	02	2	2	5	5											
18	23	9762	023		007	08		83	7	02	2	2	5	5	1	1	2	2	2	04	52	215	0000	028	015

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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	9751	017		004	11	07	83	7	02	2	7	5	6											
19	05	9771	016		003	00	00	83	7	02	2	7	5	5			8								
19	08	9800	018	016	010	12	01	83	7	02	2	7	5	5											
19	11	9824	019		013	00	00	83	7	01	2	7	5	5	3		2	1							
19	14	9829	023		016	19	06	83	6	14	2	8	6	7											
19	17	9835	029		024	05	30	80	8	36	3	7	6	4											
19	20	9867	028		025	04	28	80	8		3	8	6	4											
19	23	9900	024		024	04	23	80	8		3	8	6	4						05	50	198	0000	029	015
20	02	9931	029		027	04	20	24	8	70	7	8	6	4											
20	05	9965	029		027	04	20	56	8	66	7	8	6	4											
20	08	9981	029	028	026	04	12	82	8	15	7	8	5	5	5										
20	11	9977	031		018	07	15	83	7	02	2	5	5	6											
20	14	9970	028		017	11	10	83	7	01	2	1	5	6	5	1									
20	17	9963	027		012	08	15	83	4	02	2	0	5	5											
20	20	9959	029		016	07	17	83	7	03	2	1	5	5	5	1									
20	23	9960	030		017	07	15	83	7	02	2	2	5	5	5	1				04	40	462	0000	031	026
21	02	9959	030		017	06	21	83	7	02	2	5	5	6	3		1								
21	05	9964	030		017	07	23	83	7	02	2	4	5	7	3	0	1								
21	08	9966	030		017	06	20	83	6	02	2	5	5	7	3	0	1								
21	11	9966	030		015	07	17	83	6	02	2	3	5	5	3	0	1	2							
21	14	9957	031		015	07	17	83	7	02	2	4	5	5	3	0									
21	17	9948	027		011	08	17	83	6	02	2	2	5	5	3	0									
21	20	9938	024		009	12	13	83	7	01	2	7	5	5	3	0									
21	23	9926	022		009	11	10	83	7	02	2	7	5	5						07	40	399	0000	032	022
22	02	9921	026		011	10	10	83	7	02	2	7	6	5											
22	05	9915	026		012	10	08	83	7	15	2	7	6	5			1								
22	08	9916	025		018	09	07	24	8	77	2	8	6	5			1								
22	11	9914	028		016	07	02	81	8	14	2	5	6	5			1								
22	14	9915	027		015	09	05	80	8	15	2	6	5	5	3	0									
22	17	9926	024		014	08	10	12	8	73	2	8	6	5	3	0									
22	20	9931	025		012	07	07	81	7	02	2	7	5	5	4	0									
22	23	9933	023		007	08	05	83	1	01	2	1	5	5	5	0				10	22	322	0000	029	021
23	02	9936	021		003	09	05	83	0	02	0	0	0	0	0	0									
23	05	9939	017		001	09	07	83	0	02	0	0	0	0	0	0									
23	08	9945	015	013	002	06	08	83	0	03	0	0	0	0	0	0									
23	11	9953	019	015	001	04	10	83	1	02	0	0	0	0	0	0									
23	14	9958	018	014	501	10	06	83	2	02	0	0	0	0	0	0									
23	17	9962	015		503	08	10	83	1	02	0	0	0	0	0	0									
23	20	9967	014		501	07	14	83	0	02	0	0	0	0	0	0									
23	23	9966	013		000	08	14	83	7	03	0	7	5	7	0	0				07	29	214	0001	022	013
24	02	9968	014		001	10	09	83	7	02	2	5	5	7	3		2								
24	05	9967	014		002	11	10	83	6	02	2	5	5	7	3	0	2								
24	08	9961	012	010	501	11	10	83	4	01	2	3	5	7	3	0									
24	11	9947	013		000	11	12	83	2	03	1	0	0	9	3	0									
24	14	9927	014		000	11	08	83	3	02	1	0	0	9	3	0									
24	17	9896	013		000	13	06	83	3	02	1	0	0	9	3	0									
24	20	9880	014		001	12	06	83	3	02	1	0	0	9	3	0									
24	23	9867	024		013	03	04	83	7	03	7	7	5	6	1	1				05	32	270	0000	026	011
25	02	9864	027		013	05	27	82	7	03	1	5	5	6	7		1								
25	05	9866	027		014	05	24	82	7	02	2	4	5	6	7	7	1								
25	08	9867	029		016	05	30	82	7	02	2	1	5	6	7	7	1								
25	11	9886	028		018	05	24	82	7	02	2	0	5	6	7	7	1								
25	14	9901	027		020	05	31	82	7	02	2	3	5	6	7	7	1								
25	17	9921	026		021	05	28	40	8	15	2	5	6	5	7	7	1								
25	20	9935	025		021	04	16	81	8	02	2	6	6	5	7	7	1								
25	23	9939	024		021	04	17	81	8	02	2	8	6	5	7	7	1	1		05	56	383	0000	029	024
26	02	9938	025		020	04	15	81	8	02	2	8	6	5	7	7	1								
26	05	9936	025		021	05	12	80	8	15	2	8	6	5	7	7	1								
26	08	9933	025		022	04	15	40	8	15	2	8	6	5	7	7	1								
26	11	9921	026		023	04	15	40	8	15	2	8	6	5	7	7	1								
26	14	9912	027		024	04	14	56	8	15	2	8	6	5	7	7	1								
26	17	9906	026		025	00	00	40	8	16	2	8	6	5	7	7	1								
26	20	9896	026		025	18	03	40	9	71	2	9	6	5	7	7	1								
26	23	9885	027		020	08	05	82	6	01	7	6	5	6	0	0				04	31	1505	0000	027	024
27	02	9874	022		013	00	00	82	3	01	2	1	5	6	3	0									
27	05	9869	026		011	00	00	82	6	03	1	3	5	6	7	0		2							
27	08	9876	027		015	07	07	82	7	14	2	5	5	6	7		1								
27	11	9883	025		014	07	06	82	7	14	2	5	5	6	7		1								
27	14	9899	025		011	07	12	82	7	14	2	5	5	6	7		1								
27	17	9912	022		008	07	11	82	7	14	2	5	5	6	7		1								
27	20	9924	021		007	08	10	82	7	02	2	8	5	6	7		1								
27	23	9932	019		004	08	10	82	7	01	2	7	5	6	7		1			07	26	177	0008	028	018

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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	02	9936	017		001	08	10	83	5	01	2	0	0	9	7	1									
28	05	9939	015		501	08	13	83	2	02	1	0	0	9	3	1		2	2						
28	08	9939	015	012	000	07	17	83	2	02	0	0	0	9	3	1		2	2						
28	11	9931	016	013	002	07	23	83	4	03	0	0	0	9	3	5		2	2						
28	14	9929	015	012	000	07	20	83	5	02	0	0	0	9	3	1		2	2						
28	17	9928	013		504	05	18	83	2	02	0	0	0	9	3	1									
28	20	9921	011		505	07	10	83	1	02	0	0	0	9	0	1									
28	23	9921	009		506	06	06	83	1	02	0	0	0	9	0	1				07	37	303	0000	016	009
29	02	9931	008		507	05	10	83	1	02	0	0	0	9	0	1									
29	05	9947	006		509	05	10	83	1	02	0	0	0	9	0	1									
29	08	9958	002	001	512	06	05	83	1	02	0	0	0	9	0	1			4						
29	11	9969	004	002	512	06	10	83	1	02	0	0	0	9	0	1			4						
29	14	9984	004		513	06	12	83	1	02	0	1	5	5	0	1									
29	17	9993	002		513	07	14	83	1	02	0	1	5	5	0	1									
29	20	9999	002		512	08	10	83	1	02	0	0	0	9	0	1									
29	23	9994	003		510	05	06	83	1	02	0	0	0	9	0	1				05	31	289	0000	011	000
30	02	9996	003		509	11	05	83	7	03	0	7	5	7											
30	05	0005	006		504	10	06	83	7	02	2	7	6	7		1									
30	08	0023	008	007	001	04	06	83	7	02	2	7	5	7		1									
30	11	0025	008		002	10	07	83	8	02	2	8	6	6		1									
30	14	0026	010	009	004	10	06	83	7	02	2	6	5	6	3										
30	17	0022	011		505	12	06	82	7	02	2	7	5	5											
30	20	0015	012		509	12	05	81	8	16	2	8	5	5											
30	23	0005	014		510	17	05	82	8	02	7	8	6	5						04	18	208	0000	014	002

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
01	02	9999	015		011	11	01	81	7	02	2	7	6	5			1								
01	05	9995	017		010	05	05	82	7	02	2	7	6	5			1								
01	08	9991	017	015	009	08	04	82	7	14	2	7	6	5			1								
01	11	9985	013		003	11	10	82	7	01	2	5	6	6	3	2		1	3						
01	14	9977	009		501	10	09	83	3	01	2	0	0	9	3	2		1	3						
01	17	9973	006		505	10	09	83	3	02	1	0	0	9	3	1									
01	20	9962	004		505	13	07	83	2	02	0	0	0	9	3	0									
01	23	9955	005		505	02	06	83	2	02	0	0	0	9	3	0				11	16	147	0000	018	003
02	02	9955	004		506	07	05	83	1	02	0	0	0	9	3	0									
02	05	9955	004		506	10	06	83	1	02	0	0	0	9	3	0		4							
02	08	9952	003	002	506	09	08	83	1	02	0	0	0	9	3	0		4							
02	11	9954	005		506	11	05	83	2	03	1	0	0	9	3	0		4							
02	14	9947	008		504	09	04	83	1	02	0	0	0	9	3	0									
02	17	9949	008		504	12	05	83	2	03	0	1	5	5	3	0									
02	20	9947	007		502	09	04	83	5	03	1	5	5	5	0	0									
02	23	9939	011		003	08	05	83	7	03	2	7	5	5						05	09	185	0000	011	003
03	02	9936	011		002	10	03	83	7	02	2	7	5	5											
03	05	9932	010		001	10	04	83	5	02	2	5	5	5	3	0	1								
03	08	9930	010	009	501	08	04	83	6	02	2	5	5	5	3	0	1								
03	11	9931	008		504	10	06	83	2	01	2	2	5	5	0	0	2								
03	14	9930	007		505	11	04	83	3	02	1	2	5	5	3	1									
03	17	9931	008		502	13	07	83	7	02	2	7	5	5											
03	20	9929	007		503	10	05	83	8	02	2	8	5	5											
03	23	9928	002		509	09	05	83	1	01	2	1	5	6	0	0				11	12	124	0000	012	002
04	02	9928	001		510	11	04	83	1	02	0	1	5	6	0	0									
04	05	9932	000		512	12	06	83	1	02	0	1	5	6	0	0	1								
04	08	9932	500	501	510	10	08	83	2	03	0	1	5	6	3	1	1								
04	11	9937	001	000	510	10	05	83	2	02	0	1	0	9	3	1	1	6	6						
04	14	9942	000		510	00	00	83	3	03	1	1	5	6	3	1	1								
04	17	9946	001		510	15	07	83	2	02	0	1	5	6	3	0									
04	20	9948	501		511	17	10	83	1	02	0	0	0	9	3	0									
04	23	9944	505		513	00	00	83	1	02	0	1	5	6	0	0				17	13	149	0000	004	505
05	02	9938	505		515	10	05	83	1	02	0	0	0	9	3	0									
05	05	9933	505		515	10	07	83	1	02	0	0	0	9	3	0		5							
05	08	9917	506	507	518	12	10	83	1	02	0	0	0	9	0	1			6						
05	11	9902	505	506	518	13	01	83	1	02	0	0	0	9	0	5			6						
05	14	9892	505		517	14	01	83	1	02	0	0	0	9	0	5			6						
05	17	9893	504		517	03	06	83	1	02	0	0	0	9	0	5									
05	20	9900	507		518	11	09	83	1	02	0	0	0	9	0	5									
05	23	9909	505		516	12	13	81	8	70	1	8	5	5						12	19	128	0000	502	508
06	02	9919	504		514	13	06	82	7	02	2	7	5	5											
06	05	9924	505		512	11	05	82	5	02	2	5	5	5	0	0	5								
06	08	9930	506	506	514	11	05	82	6	02	2	5	5	5	3	0	5								
06	11	9938	506	506	513	11	03	82	6	02	2	5	5	5	3	0	5								
06	14	9946	505		513	12	05	82	6	02	2	5	5	6	3	0									
06	17	9951	508		519	11	04	83	3	01	2	1	5	6	3	0									
06	20	9950	511		519	09	02	83	1	02	0	0	0	9	3	0									
06	23	9941	509		517	10	06	83	1	02	0	0	0	9	3	0				13	11	157	0000	504	511
07	02	9938	505		513	09	07	83	2	03	0	0	0	9	0	5									
07	05	9929	502		511	13	06	83	2	02	1	0	0	9	0	5			6						
07	08	9911	502	503	513	13	10	83	3	02	1	0	0	9	0	5			6						
07	11	9894	500		511	11	09	83	7	03	1	0	0	9	0	7			6						
07	14	9884	500		512	10	04	83	8	02	2	0	0	9	0	7			6						
07	17	9873	501		512	08	04	83	8	02	2	0	0	9	0	7									
07	20	9864	502		512	12	05	83	8	02	2	0	0	9	0	7									
07	23	9854	000		512	11	04	83	8	02	2	0	0	9	0	7				13	14	150	0000	002	508
08	02	9850	001		509	12	06	83	8	02	2	0	0	9	0	7									
08	05	9848	001		508	13	06	83	8	02	2	0	0	9	0	7									
08	08	9850	500	501	510	11	04	83	8	02	2	0	0	9	0	7									
08	11	9848	002	001	510	07	04	83	8	02	2	0	0	9	0	7			2						
08	14	9852	001		508	12	06	83	7	01	2	0	0	9	3	8									
08	17	9855	000		510	10	05	83	3	01	2	0	0	9	3	8									
08	20	9856	500		510	11	08	83	2	02	0	0	0	9	3	8									
08	23	9855	000		508	10	08	83	2	02	0	0	0	9	3	8				11	14	151	0000	003	501
09	02	9857	001		507	10	09	83	3	02	0	0	0	9	3	5									
09	05	9855	001		509	11	09	83	3	02	1	0	0	9	3	5		2							
09	08	9853	002		507	10	07	83	7	03	2	4	5	6	3	5		2							
09	11	9856	004	004	501	11	08	83	5	14	2	1	5	6	3	5	1	1	2						
09	14	9861	002	001	508	10	10	83	3	01	2	1	5	6	3	2									
09	17	9867	001		510	11	10	83	2	02	1	0	0	9	0	2									
09	20	9872	500		511	10	09	83	1	02	0	0	0	9	0	2									
09	23	9882	502		513	11	10	83	1	02	0	0	0	9	0	2				10	17	208	0000	005	502

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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
		lab × 10⁻¹	°F	°F	°F	°×10	kt	VV	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	9900	501		513	10	08	83	1	02	0	1	5	6	0	0									
10	05	9911	502		513	10	08	83	1	02	0	1	5	6	0	0	8								
10	08	9925	001		507	11	07	83	7	03	1	7	5	5			8								
10	11	9934	005	005	000	11	06	82	8	14	2	8	6	5											
10	14	9946	007	007	001	10	05	82	8	02	2	8	5	7											
10	17	9955	009		002	09	06	82	8	02	2	8	5	7											
10	20	9964	009		001	10	06	83	6	01	2	3	5	7	3	5									
10	23	9973	007		502	08	07	83	4	01	2	1	5	7	3	5				11	16	221	0000	009	503
11	02	9981	006		502	11	06	83	3	02	1	0	0	9	0	5									
11	05	9981	005		505	12	06	83	3	02	0	0	5	9	0	5									
11	08	9978	003		506	12	05	83	6	03	1	1	5	5	0	6	1		6						
11	11	9973	008	006	505	19	05	83	8	02	2	1	5	5	0	7	1		6						
11	14	9963	005	004	506	13	01	83	8	02	2	1	5	5	0	7									
11	17	9952	006		504	00	00	83	8	02	2	6	5	5	0	7									
11	20	9943	007		504	13	07	83	8	02	2	1	0	0	0	7									
11	23	9927	007		509	10	08	83	8	02	2	0	0	9	0	7				11	15	164	0000	009	002
12	02	9912	007		509	00	00	83	8	02	2	0	0	9	0	7									
12	05	9900	009		509	11	06	83	8	02	2	0	0	9	0	7									
12	08	9888	009		507	11	07	83	8	02	2	0	0	9	0	7									
12	11	9877	009	007	505	10	05	83	8	02	2	0	0	9	0	7		2							
12	14	9866	009	007	506	12	08	83	8	02	2	0	0	9	1	7									
12	17	9854	007		507	13	10	83	8	02	2	0	0	9	0	7									
12	20	9839	005		508	14	07	83	8	02	2	0	0	9	0	7									
12	23	9830	008		509	09	05	83	8	02	2	0	0	9	3	7				12	17	158	0000	011	003
13	02	9816	005		510	12	10	83	8	02	2	0	0	9	5	7									
13	05	9802	004		508	10	09	83	8	02	2	7	5	6	3		1								
13	08	9795	008		503	10	06	83	8	02	2	8	5	6			1								
13	11	9783	010	009	000	11	05	83	8	02	2	7	5	6	5										
13	14	9782	011	009	002	11	07	83	8	02	2	7	5	6	5										
13	17	9773	011		501	12	09	83	8	02	2	8	5	6	3										
13	20	9764	012		001	13	06	83	8	02	2	8	5	6	4										
13	23	9756	012		008	13	06	80	8	16	2	8	6	4						12	19	214	0000	013	003
14	02	9758	013		013	13	03	16	9	71	7	9													
14	05	9767	016		015	17	06	16	9	71	7	9													
14	08	9778	020		015	06	03	24	8	16	7	8	5	4			1								
14	11	9790	019	017	011	07	05	80	8	16	2	5	6	5	7		1								
14	14	9798	018	017	012	04	10	80	8	16	2	8	6	5			1								
14	17	9807	017		012	04	16	80	8	36	3	8	6	5											
14	20	9808	015		013	04	28	00	9	36	3	9													
14	23	9818	016		013	04	26	04	8	36	3	8	6	5						04	40	173	0017	020	012
15	02	9838	016		011	05	16	08	8	36	3	8	6	5											
15	05	9840	016		010	05	24	80	8	36	3	8	6	5			1								
15	08	9855	017		006	05	17	81	8	02	3	8	6	5	7		1								
15	11	9865	017	015	007	04	08	81	8	16	2	6	6	5	7		1								
15	14	9868	015	014	009	05	03	08	8	77	2	6	6	5	7										
15	17	9872	013		004	03	10	80	5	15	2	8	5	5	2										
15	20	9873	010		002	03	07	82	5	01	2	3	5	3	0	0									
15	23	9868	007		504	00	00	83	5	02	2	3	6	5	7	0				05	42	472	0000	017	005
16	02	9852	004		506	06	07	83	2	01	2	0	0	9	0	5									
16	05	9831	003		509	00	00	83	2	02	0	0	0	9	0	5									
16	08	9800	501		513	09	04	83	2	02	0	0	0	9	0	5			8						
16	11	9770	504	505	514	09	06	83	2	02	0	0	0	9	0	5			8						
16	14	9751	504	505	515	10	07	83	2	02	0	0	0	9	0	3			8						
16	17	9751	504		516	07	12	83	1	02	0	0	0	9	3	1									
16	20	9764	505		517	06	08	83	0	02	0	0	0	9	0	0									
16	23	9778	507		520	09	08	83	2	03	0	0	0	9	3	1				07	21	170	0001	006	508
17	02	9793	508		521	07	10	83	3	03	1	0	0	9	3	1									
17	05	9806	507		517	07	14	83	3	02	2	6	5	5	3		1								
17	08	9824	505		517	04	17	83	7	02	2	6	5	5	3		1								
17	11	9842	503		511	05	16	81	7	02	2	6	5	5	3		1								
17	14	9864	502		510	04	20	81	7	15	2	6	5	5	3		1								
17	17	9882	503		513	04	13	82	3	01	2	2	5	5	0		1								
17	20	9898	503		513	04	08	82	5	03	1	1	5	5	0	1									
17	23	9914	504		514	06	06	83	5	02	1	0	0	9	0	2				05	30	243	0000	502	508
18	02	9926	507		517	08	04	83	3	01	2	0	0	9	3	2									
18	05	9927	507		516	07	06	83	3	02	1	0	0	9	5	0		1							
18	08	9927	507		517	06	08	83	4	02	2	0	0	9	5	0									
18	11	9930	502	503	512	03	12	81	8	15	2	8	5	6			8								
18	14	9933	502		511	01	14	81	8	15	2	8	6	5											
18	17	9945	508		512	29	05	81	7	15	2	2	5	5											
18	20	9958	515		520	28	08	83	2	01	2	0	5	5	0	0									
18	23	9969	518		523	26	09	83	3	02	1	0	0	9	3	0				02	24	254	0000	502	518

Results of Surface Observations,
DAVIS — May, 1957

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
19	02	9968	518		524	22	05	83	1	01	1	0	0	9	3	0									
19	05	9966	521		526	10	04	81	0	02	0	0	0	0	0	0									
19	08	9957	521		527	08	07	82	2	03	0	0	0	0	0	5			5						
19	11	9957	521	521	527	09	05	81	2	40	0	2	6	0	0	0									
19	14	9967	521		528	13	04	81	2	02	0	2	5	3	0	0									
19	17	9978	519		526	18	10	82	1	02	0	1	5	3	0	0									
19	20	9986	521		526	17	07	83	1	02	0	1	5	3	0	0									
19	23	9994	521		526	18	06	83	0	02	0	0	0	9	0	0				19	15	200	0000	518	523
20	02	0003	520		526	19	05	83	1	02	0	1	5	3	0	0									
20	05	0004	522		530	14	07	83	1	02	0	1	5	3	0	0	5								
20	08	0006	523		530	00	00	83	1	02	0	1	5	3	0	0	5								
20	11	0006	522		527	08	04	83	1	02	0	0	0	9	3	1	5	6	6						
20	14	9993	520		527	10	04	83	2	03	0	0	0	9	0	5			6						
20	17	9976	518		527	10	06	83	2	02	1	0	0	9	0	5			6						
20	20	9953	516		525	10	06	83	2	02	1	0	0	9	0	5									
20	23	9929	509		521	11	03	83	2	02	1	0	0	9	0	5				15	13	106	0000	509	525
21	02	9895	507		514	12	06	83	8	03	1	0	0	9	1										
21	05	9876	001		511	12	05	83	8	02	2	3	5	7	1		1								
21	08	9854	008		508	13	10	83	8	02	2	8	6	5			1								
21	11	9825	016		000	08	12	83	8	02	2	8	6	6			1								
21	14	9797	018	017	013	07	23	81	8	02	3	8	6	6			1								
21	17	9776	016		015	04	35	00	9	37	3	9													
21	20	9792	015		013	04	30	00	9	37	3	9													
21	23	9786	016		011	04	35	01	9	37	3	9								04	54	133	0000	518	510
22	02	9769	016		015	04	30	00	9	37	3	9													
22	05	9740	017		016	04	30	00	9	37	3	9													
22	08	9731	019		018	04	35	00	9	37	3	9													
22	11	9735	020		019	04	30	00	9	37	3	9													
22	14	9719	020		019	04	30	00	9	37	3	9													
22	17	9714	021		021	03	30	00	9	37	3	9													
22	20	9739	021		018	02	20	02	9	36	3	9													
22	23	9846	015		015	02	20	01	9	75	3	9								03	40	764	0015	021	014
23	02	9950	015		015	04	25	01	9	36	3	9													
23	05	9974	016		015	04	12	16	8	36	3	8	5	5			1								
23	08	0014	023		023	05	25	16	8	70	3	8	5	5			1								
23	11	0049	023		023	04	30	16	8	70	3	8	5	5			1								
23	14	0068	024		024	05	25	08	8	70	1	7	5	5	0	1	1								
23	17	0089	023		020	06	04	80	8	02	7	8	5	5											
23	20	0083	027		019	06	15	81	8	02	2	8	5	5											
23	23	0093	027		020	06	21	82	3	01	2	3	5	5	0	0				05	36	658	0002	027	014
24	02	0081	026		018	07	12	82	7	03	1	7	6	5											
24	05	0074	026		018	09	04	82	7	02	2	7	6	5			1								
24	08	0075	028		021	06	07	82	7	02	2	7	6	5			1								
24	11	0076	027	024	017	07	14	82	7	02	2	7	6	5			1								
24	14	0076	025	022	014	09	07	82	8	02	2	7	6	5	2										
24	17	0080	023		022	11	10	80	8	70	2	8	0	5	2										
24	20	0074	023		023	09	05	08	9	71	7	9													
24	23	0067	023		016	12	12	24	8	02	7	8	5	5						07	31	342	0000	029	022
25	02	0069	022		010	11	10	40	8	02	2	8	5	5											
25	05	0070	023		007	09	12	80	8	02	2	5	5	6	7		1								
25	08	0065	024		006	08	14	81	7	02	2	5	5	6	7		1								
25	11	0056	022	019	009	08	17	81	5	01	2	4	5	6	3	0	1	1							
25	14	0047	021	018	009	06	14	82	7	03	1	3	5	6	5		1	1							
25	17	0054	020		009	07	12	82	7	02	2	7	5	6											
25	20	0057	022		009	04	07	82	7	02	2	7	5	6											
25	23	0054	024		012	05	19	24	8	36	2	8	5	5						05	37	264	0018	026	019
26	02	0060	022		018	05	26	24	8	36	3	8	5	5											
26	05	0082	023		014	05	21	40	8	36	3	8	5	5											
26	08	0093	024		014	06	20	80	7	02	2	5	5	5	7		1	2							
26	11	0097	023	020	011	05	20	81	7	02	2	3	5	5	7		1	2							
26	14	0106	023	019	009	07	18	81	6	02	2	3	5	5	7	0	1	2							
26	17	0106	019		008	09	12	82	4	01	2	3	5	5	3	0									
26	20	0107	016		006	11	10	82	3	02	1	3	5	5	0	0									
26	23	0084	015		004	11	10	82	2	02	1	2	5	5	0	0				05	45	383	0000	025	014
27	02	0030	012		002	11	12	82	2	02	1	2	5	5	0	0									
27	05	9965	011		001	13	15	81	1	36	0	1	5	5	0	0	2								
27	08	9909	006		003	10	20	80	1	36	3	1	5	5	0	0	2								
27	11	9874	003		502	09	20	80	0	36	3	0	5	5	0	0									
27	14	9882	001	000	506	10	22	81	1	36	3	1	5	5	0	0									
27	17	9898	002		506	08	20	82	1	02	0	1	5	5	0	0									
27	20	9905	002		505	08	26	81	1	36	3	1	5	5	0	0									
27	23	9914	001		506	06	20	83	0	36	3	0	5	5	0	0				08	45	360	0000	015	000

Results of Surface Observations,
DAVIS – May, 1957

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	9922	001		509	07	15	82	1	02	0	1	5	5	0	0									
28	05	9918	000		507	05	15	82	3	03	0	3	5	5	0	0	8								
28	08	9931	501		508	08	10	81	7	03	1	7	5	5			8								
28	11	9937	006	005	000	05	06	24	8	15	2	8	6	3											
28	14	9945	011	011	007	05	23	24	8	36	3	8	6	4											
28	17	9965	013		013	05	20	16	9	36	3	9													
28	20	9976	014		014	04	20	08	9	36	3	9													
28	23	0002	011		011	03	10	08	9	73	3	9								05	35	430	0000	014	501
29	02	0020	011		011	05	08	08	9	70	7	9													
29	05	0030	012		012	09	04	24	9	16	7	9													
29	08	0022	013		013	10	01	81	8	02	2	8	5	5			1								
29	11	0015	013	012	008	13	04	82	7	02	2	7	5	7											
29	14	0024	015	014	009	09	07	82	7	02	2	7	5	6											
29	17	0041	010		002	09	06	82	5	01	2	5	5	6											
29	20	0043	007		501	11	06	83	1	01	2	1	5	6											
29	23	0058	011		001	00	00	83	0	02	0	0	0	9	0	0				07	16	311	0001	015	006
30	02	0082	007		003	04	10	83	2	03	0	2	5	5	0	0									
30	05	0107	011		007	05	15	83	3	02	1	3	5	5	0	0	1								
30	08	0121	014		010	03	12	82	7	03	1	7	5	5			1								
30	11	0130	016	015	010	07	03	81	7	02	2	7	5	5			1								
30	14	0126	013		010	14	05	82	7	02	2	5	5	5	3										
30	17	0101	012		006	12	07	82	3	01	2	3	5	5	0	0									
30	20	0081	011		003	10	06	83	2	02	1	2	5	5	0	0									
30	23	0071	009		002	13	05	83	1	02	1	1	5	5	0	0				05	25	217	0000	016	006
31	02	0050	011		004	13	07	83	1	02	0	0	0	9	3	0									
31	05	0031	009		003	10	07	83	1	02	0	0	0	9	3	0									
31	08	0010	013		005	13	07	83	0	02	0	0	0	9	0	0		1							
31	11	9992	009		003	13	01	83	0	02	0	0	0	9	0	0									
31	14	9976	011		003	11	04	83	0	02	0	0	0	9	0	0									
31	17	9958	015		008	10	06	83	1	03	0	1	5	5	0	0									
31	20	9945	021		014	11	06	83	3	03	1	3	5	5	0	0									
31	23	9956	021		015	08	05	83	3	02	1	3	5	5	0	0				09	12	154	0000	022	008

Results of Surface Observations,
DAVIS — Jun., 1957

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	9963	024		024	05	05	81	7	16	2	7	5	5											
01	05	9966	026		024	05	18	81	8	36	2	8	5	5			1								
01	08	9973	027		025	04	19	24	8	16	3	8	6	4			1								
01	11	9981	027	025	022	04	10	40	8	15	2	8	6	4			1								
01	14	9988	026		023	06	07	80	8	15	2	8	6	4											
01	17	0003	025		023	04	07	08	9	70	7	9													
01	20	0011	024		023	08	01	08	9	70	7	9													
01	23	0020	024		015	05	10	81	8	02	7	8	6	4						04	34	196	0000	028	020
02	02	0024	021		009	03	04	82	5	01	2	3	5	3	3	0									
02	05	0026	019		006	10	01	83	3	02	1	1	5	3	3	0	1	2							
02	08	0025	017		005	00	00	83	6	03	1	2	5	3	3	0									
02	11	0017	014	013	009	00	00	83	6	02	2	1	5	3	3	0	5	5							
02	14	0005	013		007	12	03	83	5	02	1	0	0	3	3	1		5	5						
02	17	9989	012		008	00	00	83	7	03	1	0	0	3	3										
02	20	9975	013		008	00	00	83	3	01	2	0	0	3	3	0									
02	23	9958	012		009	00	00	83	2	02	1	2	5	6	0	0				03	23	157	0004	023	011
03	02	9953	012		012	05	06	81	8	03	1	8	5	6											
03	05	9957	013		005	05	10	81	8	02	2	8	5	6			1								
03	08	9957	011		000	06	07	82	7	02	2	5	5	6	3		1								
03	11	9961	007		505	02	15	82	8	02	2	6	6	7	3		1								
03	14	9963	005		505	04	11	82	8	02	2	8	5	7											
03	17	9960	004		505	00	00	82	5	01	2	5	5	7	0	0									
03	20	9954	003		504	05	08	82	7	02	2	7	5	7											
03	23	9952	005		500	04	09	16	8	70	2	8	6	5						03	22	113	0000	013	001
04	02	9953	004		001	04	18	80	2	36	7	2	5	6	0	0									
04	05	9958	003		000	09	03	80	7	22	3	7	5	5			1								
04	08	9960	005		004	19	07	08	8	70	7	8	6	4											
04	11	9965	004	004	004	13	02	08	8	77	7	8	6	4											
04	14	9970	005		005	14	04	08	8	22	7	8	6	4											
04	17	9979	008		007	16	04	08	8	77	7	8	6	4											
04	20	9991	010		009	04	15	81	8	02	7	8	5	5											
04	23	9995	012		008	05	05	81	7	01	2	7	5	5						04	30	219	0002	013	003
05	02	0000	014		009	22	03	81	8	02	2	8	5	5											
05	05	0001	016		011	04	15	81	8	02	2	8	5	5			1								
05	08	0006	016		011	05	23	80	8	36	3	8	5	5			1								
05	11	0010	015	014	007	05	05	81	8	02	3	8	6	5			1								
05	14	0003	015		009	07	18	80	8	14	3	8	6	5											
05	17	0006	015		011	05	27	80	8	36	3	8	6	5											
05	20	0013	015		011	05	26	80	8	36	3	8	6	5											
05	23	0028	016		009	05	26	24	8	36	3	8	6	5						05	42	202	0005	018	012
06	02	0034	016		008	04	15	80	8	02	3	8	5	5											
06	05	0035	017		008	06	07	81	8	02	2	3	5	5	0	7	1								
06	08	0034	015		007	22	07	81	8	02	2	5	5	5	0	7	1								
06	11	0041	015	014	007	00	00	81	8	02	2	1	5	5	1		1	1							
06	14	0030	014		006	00	00	82	8	02	2	1	5	5	1										
06	17	0027	014		004	00	00	82	8	02	2	0	0	5	0	7									
06	20	0011	012		004	00	00	82	8	02	2	1	5	5	0	7									
06	23	9982	022		006	05	16	82	7	02	2	3	5	5	7					05	43	402	0000	024	011
07	02	9970	018		014	05	35	00	9	36	3	9													
07	05	9961	016		012	05	37	00	9	37	3	9													
07	08	9961	017		015	05	48	00	9	37	3	9													
07	11	9972	018		018	05	45	16	8	36	3	8	6	5											
07	14	9973	018		015	05	39	16	8	36	3	8	6	5											
07	17	9980	017		015	05	34	40	8	36	3	8	6	5											
07	20	9985	019		011	05	35	80	8	02	3	8	5	5											
07	23	9987	021		009	05	30	80	8	02	2	8	5	5						05	66	431	0004	021	015
08	02	9988	021		007	05	30	80	8	02	2	8	6	5											
08	05	9988	021		006	05	20	81	8	02	2	8	6	5			1								
08	08	9980	023		005	05	28	81	8	02	2	8	6	5			1								
08	11	9987	021	018	006	07	27	81	8	02	2	3	6	5	7		1								
08	14	9973	022		004	06	32	82	7	02	2	3	6	5	7		1								
08	17	9995	019		004	07	21	82	7	02	2	3	5	5	7										
08	20	0003	018		003	07	11	82	7	02	2	3	5	5	7										
08	23	0007	018		004	06	17	82	7	02	2	4	5	5	7					05	52	752	0000	023	017
09	02	0015	017		001	07	19	82	7	02	2	4	5	5	7										
09	05	0017	018		501	07	15	83	3	01	2	1	5	5	3	0	1								
09	08	0018	017		502	07	23	83	5	03	1	2	5	5	3	0	1								
09	11	0037	014	011	503	08	15	83	3	01	2	0	5	5	3	0		2							
09	14	0047	011		506	08	09	83	3	02	1	1	5	7	3	0		2							
09	17	0057	008		507	14	07	83	1	01	2	1	5	7	0	0									
09	20	0059	005		508	11	08	83	0	02	2	0	5	7	0	0									
09	23	0060	005		508	13	06	83	0	02	2	0	5	7	0	0				07	36	441	0000	019	005

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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	0056	005		509	12	08	83	0	02	0	0	0	9	0	0									
10	05	0044	003		509	12	08	83	0	02	0	0	0	9	0	0									
10	08	0035	002		510	10	08	83	0	02	0	0	0	9	0	0									
10	11	0019	000	501	511	09	06	83	0	02	0	0	0	9	0	0									
10	14	0004	502		513	12	07	83	0	02	0	0	0	9	0	0									
10	17	9996	501		514	09	03	83	0	02	0	0	0	9	0	0									
10	20	9981	503		514	10	07	83	0	02	0	0	0	9	0	0									
10	23	9973	504		515	10	07	83	0	02	0	0	0	9	0	0				11	16	219	0000	006	505
11	02	9974	505		516	10	09	83	0	02	0	0	0	9	0	0									
11	05	9977	507		517	12	07	83	0	02	0	0	0	9	0	0									
11	08	9990	507		518	12	07	83	0	02	0	0	0	9	0	0									
11	11	0002	509	510	520	09	06	83	0	02	0	0	0	9	0	0									
11	14	0016	506		517	15	01	83	0	02	0	0	0	9	0	0									
11	17	0022	506		517	11	07	83	0	02	0	0	0	9	0	0									
11	20	0026	505		516	11	07	83	0	02	0	0	0	9	0	0									
11	23	0025	503	0	512	11	06	83	0	02	0	0	0	9	0	0				09	18	180	0000	502	510
12	02	0024	502		512	12	08	83	0	02	0	0	0	9	0	0									
12	05	0035	501		511	12	11	83	1	02	0	0	0	9	3	0									
12	08	0034	501		512	11	11	83	1	02	0	0	0	9	3	0		3							
12	11	0035	502	000	514	11	18	83	1	02	0	0	0	9	3	0		3							
12	14	0042	501		512	10	17	83	0	02	0	0	0	9	0	0									
12	17	0048	501		513	13	06	83	0	02	0	0	0	9	0	0									
12	20	0031	000		513	10	10	83	0	02	0	0	0	9	0	0									
12	23	0023	502		514	15	09	83	0	02	0	0	0	9	0	0				10	32	198	0000	003	504
13	02	0001	503		514	14	12	83	1	03	0	0	0	9	0	1									
13	05	9973	503		514	13	07	83	1	02	0	0	0	9	0	1									
13	08	9950	505		515	10	05	83	1	02	0	0	0	9	0	1									
13	11	9928	506	507	517	13	07	83	3	02	0	0	0	9	0	1	5								
13	14	9916	509		509	00	00	83	2	02	0	1	5	9	0	1	5		6						
13	17	9913	509		509	13	03	83	2	02	0	1	5	9	0	1									
13	20	9906	510		509	00	04	83	2	02	0	1	5	9	0	1									
13	23	9914	511		511	00	00	83	6	03	1	1	5	9	3	0				13	22	245	0000	502	512
14	02	9925	511		512	27	02	82	6	02	2	3	5	9	3	1									
14	05	9942	512		513	02	02	82	5	02	2	1	5	9	3	5	1	6							
14	08	9966	515		516	08	09	82	5	02	2	0	5	9	3	6									
14	11	9985	514		518	09	07	82	6	02	2	1	5	9	3	6			6						
14	14	0001	512		520	08	08	82	7	02	2	3	5	9	3	6		6							
14	17	0014	513		521	11	03	82	8	02	2	3	5	9	3	6									
14	20	0021	510		518	08	02	82	8	02	2	3	5	9	3	7									
14	23	0041	508		514	10	05	82	8	02	2	3	5	9	3	7				07	15	083	0000	508	516
15	02	0041	505		513	05	01	82	8	02	2	3	5	9	3	7									
15	05	0052	505		510	12	02	82	8	02	2	3	5	9	3	7	1								
15	08	0058	503		508	16	07	82	8	02	2	3	5	9	3	7									
15	11	0058	502		502	16	03	82	9	02	2	3	5	9	3	7									
15	14	0053	501		501	00	00	82	9	02	2	3	5	9	3	7									
15	17	0053	503		503	00	04	82	9	02	2	3	5	9	3	7									
15	20	0051	505		505	00	08	82	8	02	2	3	5	9	3	7									
15	23	0047	507		507	22	10	82	8	02	2	3	5	9	3	7	1			20	15	140	0001	007	509
16	02	0049	503		000	20	02	81	8	02	2	3	5	9	0	7									
16	05	0053	501		503	13	07	81	8	02	2	3	5	9	0	7									
16	08	0058	504		502	11	07	81	8	02	2	3	5	9	0	7									
16	11	0066	504	003	504	10	03	81	8	02	2	3	5	9	0	7	1								
16	14	0069	503		503	10	05	81	8	02	2	3	5	9	0	7									
16	17	0077	503		502	07	05	81	8	02	2	3	5	9	0	7									
16	20	0080	504		504	10	03	81	8	02	2	3	5	9	0	7									
16	23	0083	503		504	10	04	81	8	05	2	3	5	9	0	7				12	11	124	0012	006	001
17	02	0083	503		506	00	00	81	8	02	2	0	5	9	0	7									
17	05	0080	505		505	00	00	81	8	02	2	0	5	9	3	7									
17	08	0081	505		501	00	00	81	8	02	2	0	5	9	3	7		8							
17	11	0083	506		506	00	00	81	8	02	2	0	5	9	3	7		8							
17	14	0080	507		502	00	00	81	8	02	2	0	5	9	3	7		8							
17	17	0084	513		502	09	03	81	8	02	2	0	5	9	3	7									
17	20	0080	515		501	09	07	81	8	02	2	0	5	9	3	7									
17	23	0067	515		503	05	17	81	8	02	2	0	5	9	3	7				05	29	085	0000	017	500
18	02	0062	514		004	04	17	81	8	02	3	0	5	9	3	7									
18	05	0058	513		012	20	07	81	8	02	3	0	5	9	3	7									
18	08	0048	513		013	20	01	81	8	02	3	0	5	9	3	7	1								
18	11	0037	513		013	19	01	81	8	02	3	0	5	9	3	7	1								
18	14	0030	512		012	00	00	81	8	02	3	0	5	9	3	7									
18	17	0019	510		010	00	00	81	8	02	3	0	5	9	3	7									
18	20	0009	511		011	00	00	81	8	02	3	0	5	9	3	7									
18	23	9998	509		009	04	03	81	5	01	2	0	5	9	3	7	1	1		06	29	166	0000	015	008

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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	9991	008		008	08	02	81	7	02	2	3	5	6	3										
19	05	9982	009		009	00	00	16	7	76	7	3	6	9	3		6	6							
19	08	9970	007		007	00	00	04	7	76	7	9													
19	11	9970	007		007	12	01	16	8	78	7	8	6	5			7								
19	14	9960	007		007	14	03	81	8	02	7	8	6	5											
19	17	9948	007		005	00	00	81	8	02	2	8	6	5											
19	20	9929	008		005	14	03	81	8	02	2	8	6	5											
19	23	9896	005		005	13	05	81	8	02	2	8	6	9						14	07	051	0005	009	005
20	02	9862	002		002	19	08	82	6	01	2	0	0	9	7	0									
20	05	9838	001		001	21	12	81	7	02	2	7	5	7			1								
20	08	9816	501		501	21	12	01	9	78	2	9													
20	11	9799	003		003	23	06	02	9	78	7	9													
20	14	9790	019		019	02	30	00	9	38	7	9													
20	17	9786	022		022	04	35	00	9	39	3	9													
20	20	9806	021		021	05	35	00	9	39	3	9													
20	23	9816	020		020	05	40	00	9	39	3	9								06	51	157	0002	022	501
21	02	9827	019		0	05	30	80	4	36	3	2	5	9	7	0									
21	05	9830	021		015	04	25	81	7	36	3	7	5	6			1								
21	08	9830	020		013	07	24	81	7	01	2	6	5	6	0	0	1								
21	11	9811	021	019	012	06	27	81	5	02	2	3	5	6	3	0	1								
21	14	9819	021		018	03	07	56	8	16	2	6	5	5	0	0									
21	17	9821	022		019	04	14	80	8	02	2	8	5	5											
21	20	9827	022		017	05	15	81	7	02	2	7	5	5											
21	23	9844	023		019	05	20	80	8	02	2	8	5	5						05	43	752	0023	024	014
22	02	9849	024		019	05	18	81	8	02	2	8	5	5			1								
22	05	9840	024		015	07	27	81	7	02	2	5	5	6	3		1								
22	08	9828	024		014	09	20	81	7	02	2	6	5	6	3		1								
22	11	9807	025	021	012	09	17	81	7	14	2	6	6	4	7		1								
22	14	9774	024		015	09	24	81	8	14	2	6	6	4	7										
22	17	9758	024		021	05	25	61	8	14	2	8	5	6											
22	20	9761	023		021	05	36	81	3	01	2	3	5	6	0	0									
22	23	9766	022		022	04	30	16	1	36	3	1	5	6	0	0				05	55	416	0000	026	022
23	02	9782	023		023	05	18	80	7	03	3	7	5	9											
23	05	9785	024		022	05	18	81	7	02	2	7	5	5			1								
23	08	9782	026		022	05	13	56	7	15	2	7	6	9											
23	11	9782	025		025	05	07	16	8	76	7	8	6	4											
23	14	9781	027		026	04	06	16	8	22	7	8	6	4											
23	17	9795	027		027	05	24	16	8	36	3	8	6	4											
23	20	9805	028		027	04	18	80	8	02	3	8	6	4											
23	23	9817	029		027	04	16	80	8	02	2	8	6	4						05	45	1564	0000	029	022
24	02	9830	031		025	05	24	80	8	02	2	4	5	4	7										
24	05	9835	030		024	05	28	81	7	02	2	3	5	5	7		1								
24	08	9840	030		022	05	23	81	7	02	2	5	5	5	7		1								
24	11	9829	028	026	023	05	33	81	6	01	3	3	8	5	7	0	1								
24	14	9855	028		021	05	23	81	6	02	2	2	5	5	7	5									
24	17	9860	027		021	03	07	81	5	02	2	3	5	5	7	5									
24	20	9858	027		022	05	25	81	7	02	2	5	5	5	7										
24	23	9857	025		021	04	28	82	2	01	2	2	5	5	0	0				06	71	482	0000	031	024
25	02	9886	024		019	05	28	82	3	03	1	3	5	5	0	0									
25	05	9902	023		021	05	30	82	7	02	2	3	5	5	7		1								
25	08	9916	023		015	05	18	82	5	01	2	3	5	5	7	0	1								
25	11	9920	020	019	014	05	15	82	5	02	2	2	5	5	7	1	1	2	1						
25	14	9921	018		014	06	12	82	4	01	2	3	5	5	0	1									
25	17	9925	015		012	09	07	82	3	01	2	3	5	5	0	0									
25	20	9922	015		012	08	06	82	1	02	0	1	5	5	0	0									
25	23	9922	015		012	13	06	82	1	02	0	1	5	5	0	0				05	49	1588	0000	025	013
26	02	9924	015		013	13	06	80	8	15	2	8	6	6											
26	05	9920	017		017	07	02	80	8	22	7	8	6	6				2							
26	08	9917	019		016	05	06	81	8	02	2	8	6	6											
26	11	9915	020	019	014	05	18	80	7	14	3	5	5	5	7		1								
26	14	9919	020		012	06	24	81	8	02	2	5	5	5	1										
26	17	9923	020		009	06	24	81	8	02	2	8	6	5											
26	20	9933	017		007	07	12	81	8	02	2	8	6	5											
26	23	9930	015		005	00	00	82	2	01	2	2	5	5	0	0				06	41	203	0002	021	015
27	02	9928	013		002	00	00	82	2	02	0	2	5	5	0	0									
27	05	9920	012		503	09	04	82	2	02	0	1	5	5	3	0	1	2							
27	08	9903	011		503	07	10	82	2	02	1	1	5	5	3	0	1	2							
27	11	9890	009	007	505	07	09	82	6	03	1	2	5	5	5	0	1	2							
27	14	9881	010		503	09	07	82	7	02	2	3	5	5	5										
27	17	9873	011		501	08	04	82	8	02	2	8	5	5											
27	20	9869	009		504	06	03	82	3	01	2	3	5	5	0	0									
27	23	9868	007		506	13	06	82	1	01	1	1	5	9	0	0				07	17	295	0000	015	005

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	9867	009		506	00	00	82	2	02	1	1	5	5	3	0									
28	05	9873	004		508	13	05	82	5	03	1	1	5	5	3	0	2	7							
28	08	9873	005		506	00	00	82	5	03	1	2	5	5	3	0		7							
28	11	9875	003	002	507	00	00	83	2	01	2	0	0	9	3	1		7	1						
28	14	9880	000		509	09	07	83	2	02	1	0	0	9	3	5									
28	17	9883	001		507	04	03	83	2	02	1	0	0	9	3	5									
28	20	9886	502		510	09	01	83	1	02	0	0	0	9	3	0									
28	23	9898	001		510	01	02	83	0	02	0	0	0	9	0	0				12	14	135	0000	009	503
29	02	9903	502		512	07	07	83	0	02	0	0	0	9	0	0									
29	05	9908	502		511	11	02	83	1	03	0	0	0	9	3	0		1							
29	08	9909	002		510	16	06	81	8	15	1	8	6	6			1								
29	11	9899	004	004	002	21	02	81	8	02	2	8	5	7			1								
29	14	9897	007		001	00	00	81	8	02	2	3	5	7	7	7									
29	17	9871	005		501	19	03	81	8	02	2	0	0	9	0	7									
29	20	9845	011		000	10	10	81	8	02	2	8	5	5											
29	23	9797	017		007	08	33	80	7	36	2	7	5	5						09	49	098	0000	017	503
30	02	9789	018		013	09	20	80	7	02	3	7	5	5											
30	05	9780	021		013	07	25	81	7	02	2	7	5	5			1								
30	08	9794	021		014	07	28	81	7	02	2	7	5	5			1								
30	11	9799	020	018	013	06	36	80	7	36	2	3	5	5	1		1								
30	14	9810	019		010	06	25	80	8	02	3	3	6	5	1		1								
30	17	9829	018		009	06	24	80	8	02	2	8	6	6											
30	20	9840	017		008	04	12	81	8	02	2	8	6	6											
30	23	9843	017		010	04	12	81	8	02	2	8	6	6						06	55	374	0000	023	016

Results of Surface Observations,
DAVIS — Jul., 1957

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	9844	015		014	00	00	81	8	02	2	8	6	6											
01	05	9844	015		012	05	01	81	8	02	2	8	6	6			1								
01	08	9845	014		013	00	00	81	8	02	2	8	6	6											
01	11	9853	013		012	04	07	80	8	15	2	8	6	6	1										
01	14	9867	013		010	04	12	80	8	15	2	8	6	6											
01	17	9890	012		008	05	12	80	8	02	2	8	6	6											
01	20	9912	012		007	04	16	80	8	02	2	8	6	6											
01	23	9924	012		005	05	26	80	8	02	2	8	6	6						05	40	384	0000	017	012
02	02	9939	012		005	05	21	80	8	02	2	8	6	6											
02	05	9947	012		005	05	24	80	8	02	2	8	6	5			1								
02	08	9952	012		004	05	25	81	7	01	2	6	6	5	1		1								
02	11	9958	011	010	003	05	21	81	7	02	2	5	5	6	7		1								
02	14	9963	011		004	06	14	81	7	02	2	5	5	5	7										
02	17	9957	011		005	05	19	81	7	02	2	7	5	5											
02	20	9947	011		004	05	12	81	8	02	2	8	5	5											
02	23	9923	012		004	07	09	81	7	01	2	3	5	5	7					05	42	424	0000	014	010
03	02	9877	016		006	05	17	81	8	02	2	8	6	6											
03	05	9836	020		007	05	10	81	8	02	2	6	6	6	1		1								
03	08	9794	022		009	06	14	81	8	14	2	6	6	6	1		1								
03	11	9741	024	021	010	07	23	81	8	14	2	5	5	6	1	7	1								
03	14	9711	024		013	09	38	81	8	14	2	5	6	5	2										
03	17	9708	023		014	07	30	81	8	14	2	6	6	5	2										
03	20	9692	023		015	07	33	82	8	02	2	7	6	6	7										
03	23	9710	021		012	07	39	82	7	01	2	6	6	6	7					07	68	360	0000	025	013
04	02	9729	020		009	07	37	82	7	02	2	7	6	6											
04	05	9747	019		008	09	26	82	6	02	2	6	6	5	0	0	1								
04	08	9772	017		005	08	29	82	6	02	2	2	6	5	7	0	1	2							
04	11	9785	017	014	003	08	23	82	5	01	2	0	0	9	7	2		2							
04	14	9809	016		003	07	24	82	6	03	1	3	5	5	7	0									
04	17	9824	015		002	06	27	82	7	02	2	5	6	5	7										
04	20	9842	015		002	07	21	82	7	02	2	7	5	6											
04	23	9860	014		001	07	22	82	6	01	2	3	5	6	7	0				07	56	779	0000	022	013
05	02	9871	013		000	07	15	82	7	02	2	7	5	5											
05	05	9878	012		000	13	08	81	8	15	2	8	6	5			1								
05	08	9887	012		002	13	07	81	8	15	2	8	6	5			1								
05	11	9895	010		005	13	06	24	7	22	2	6	6	5	3		1	1							
05	14	9897	009		002	13	03	81	8	02	2	6	5	6	7										
05	17	9893	008		000	12	05	81	8	02	2	8	5	6											
05	20	9885	009		501	29	01	81	8	02	2	8	5	6											
05	23	9873	006		501	00	00	81	8	02	2	8	5	6						07	38	485	0000	014	005
06	02	9857	005		502	19	06	81	8	02	2	8	5	6											
06	05	9841	004		502	00	00	82	7	02	2	5	6	5	7		4								
06	08	9832	003		506	04	08	82	4	01	2	1	6	5	7	0	4								
06	11	9822	503	504	512	10	02	82	1	02	1	0	0	9	3	0		7							
06	14	9810	505		512	10	03	82	1	02	0	0	0	9	3	1			6						
06	17	9797	506		514	12	02	83	1	02	0	0	0	9	3	0									
06	20	9779	506		516	14	08	83	0	02	0	0	0	9	0	0									
06	23	9771	507		516	10	07	83	0	02	0	0	0	9	0	0				13	18	136	0000	006	508
07	02	9765	507		517	10	07	83	0	02	0	0	0	9	0	0									
07	05	9765	506		516	11	06	83	0	02	0	0	0	9	0	0									
07	08	9766	507		518	09	01	83	1	02	0	0	0	9	0	5			7						
07	11	9769	507		518	09	01	83	1	02	1	0	0	9	0	1			7						
07	14	9769	508		518	04	04	83	1	02	1	0	0	9	0	5			7						
07	17	9778	509		519	00	00	83	1	02	1	0	0	9	0	5									
07	20	9790	509		519	06	04	83	1	02	1	0	0	9	0	5									
07	23	9804	510		521	09	02	83	0	01	1	0	0	9	0	0				10	13	126	0000	505	511
08	02	9825	511		520	09	01	83	1	02	0	0	0	9	0	1									
08	05	9842	510		519	07	01	83	1	02	0	0	0	9	0	1									
08	08	9858	512		521	09	02	83	1	02	0	0	0	9	0	1									
08	11	9876	513	513	524	09	06	83	1	03	0	0	0	9	3	1		6	7						
08	14	9889	514		523	11	06	83	2	03	1	0	0	9	3	5									
08	17	9903	514		523	09	07	83	3	03	1	0	0	9	3	5									
08	20	9918	512		521	09	04	83	3	02	1	0	0	9	0	5									
08	23	9927	512		520	15	02	83	4	03	1	0	0	9	0	5				07	10	092	0000	508	515
09	02	9930	511		519	13	06	83	4	02	1	0	0	9	7	5									
09	05	9933	511		518	19	06	83	4	02	1	0	0	9	7	5	7								
09	08	9931	509		516	21	10	83	4	02	1	0	0	9	7	5	7								
09	11	9936	510	510	516	20	01	83	4	02	1	0	0	9	0	5		7							
09	14	9941	510		513	23	04	83	3	01	1	0	0	9	0	8									
09	17	9939	512		512	24	09	83	3	02	1	0	0	9	0	1									
09	20	9933	515		515	21	01	83	1	01	1	0	0	9	3	0									
09	23	9917	515		515	00	00	83	1	02	1	0	0	9	3	0				16	17	146	0000	508	515

Results of Surface Observations,
DAVIS — Jul., 1957

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	9894	516		516	11	01	83	0	02	0	0	0	9	0	0									
10	05	9865	518		518	13	03	83	0	02	0	0	0	9	0	0									
10	08	9839	513		520	14	06	83	1	03	0	0	0	9	3	0									
10	11	9823	516	516	523	11	02	83	1	02	0	0	0	9	3	1		6	6						
10	14	9811	515		521	12	02	83	1	02	0	0	0	9	0	1									
10	17	9812	513		520	10	06	83	0	02	0	0	0	9	0	0									
10	20	9824	515		522	13	01	83	0	02	0	0	0	9	0	0									
10	23	9834	514		521	11	06	83	0	02	0	0	0	9	0	0				14	10	095	0000	510	519
11	02	9853	513		519	08	10	83	0	02	0	0	0	9	0	0									
11	05	9862	512		517	08	10	83	0	02	0	0	0	9	0	0									
11	08	9870	511		515	08	08	83	0	02	0	0	0	9	0	0									
11	11	9869	510		514	09	07	83	1	03	0	0	0	9	0	1			7						
11	14	9848	510		515	12	06	83	3	03	0	0	0	9	0	5									
11	17	9833	509		514	12	09	83	3	02	1	0	0	9	0	1									
11	20	9819	506		513	12	06	83	3	02	1	0	0	9	3	1									
11	23	9811	504		510	13	08	83	6	03	1	0	0	9	3	6				13	15	157	0000	504	515
12	02	9811	505		509	00	00	81	8	02	2	3	5	5	7	7									
12	05	9816	000		000	11	07	24	7	15	2	5	5	5	7		1								
12	08	9820	004		000	12	10	80	8	02	7	7	6	5	7										
12	11	9833	004		002	11	09	08	8	78	7	8	6	4											
12	14	9845	004		004	12	08	40	7	15	7	8	6	4	3										
12	17	9856	005		000	10	05	81	7	02	2	7	5	5											
12	20	9862	004		503	08	03	82	7	02	2	7	5	6											
12	23	9864	004		503	00	00	82	8	02	2	8	5	6						11	21	200	0000	005	505
13	02	9866	003		503	00	00	82	8	02	2	8	5	7											
13	05	9866	003		501	05	04	82	8	02	2	8	5	7			1								
13	08	9860	004		501	00	00	82	8	02	2	8	5	7			1								
13	11	9853	004	003	504	14	04	82	8	02	2	5	5	7	7		1								
13	14	9847	004		501	00	00	82	7	02	2	5	5	7	7										
13	17	9840	001		504	12	04	82	3	01	2	1	5	7	3	0									
13	20	9834	003		503	10	01	82	7	03	1	5	5	7	3										
13	23	9822	501		506	10	06	83	0	01	1	0	0	9	0	0				12	11	108	0003	005	502
14	02	9814	503		508	11	06	83	1	02	0	0	0	9	3	0		4							
14	05	9799	503		508	10	05	83	1	02	0	0	0	9	3	0		4							
14	08	9780	503		508	12	08	83	1	02	0	0	0	9	3	0									
14	11	9763	505	505	512	00	00	83	1	02	0	0	0	9	0	5			8						
14	14	9762	506		512	00	00	83	3	03	1	0	0	9	3	5									
14	17	9767	504		505	20	02	82	2	02	1	0	0	9	3	8									
14	20	9768	505		506	23	03	82	5	03	1	5	5	7	0	0									
14	23	9778	504		506	26	05	82	7	03	2	7	5	7	0	0				12	14	148	0000	501	509
15	02	9780	505		507	26	07	81	8	02	2	8	6	5											
15	05	9788	507		509	28	04	81	8	02	2	8	6	5			1								
15	08	9792	508		510	29	03	81	8	02	2	8	6	5											
15	11	9798	510		512	34	07	80	7	02	2	7	6	4											
15	14	9814	511		514	35	05	81	7	02	2	7	6	4											
15	17	9826	514		517	36	07	81	7	02	2	7	6	4											
15	20	9837	516		519	04	01	82	3	01	2	3	6	4	0	0									
15	23	9852	517		520	05	05	83	3	01	1	0	0	9	3	0				33	12	107	0000	503	518
16	02	9864	514		517	07	07	83	6	03	1	5	5	5	3	0									
16	05	9873	513		516	07	06	83	7	02	2	5	5	5			1								
16	08	9885	512		514	01	07	81	8	02	2	8	5	5			1	8							
16	11	9896	513		513	05	04	81	8	02	2	8	6	5			1	8							
16	14	9903	517		520	08	06	83	3	01	2	3	6	5	0	0									
16	17	9914	519		521	07	07	83	2	02	1	2	6	5	0	0									
16	20	9920	520		522	09	05	83	0	02	0	0	0	9	0	0									
16	23	9943	520		523	12	05	83	0	02	0	0	0	9	0	0				03	13	149	0000	511	520
17	02	9967	517		519	11	08	83	3	03	0	1	5	5	0	5									
17	05	9982	508		511	11	06	83	3	02	1	2	5	5	0	5	1		6						
17	08	9997	503		510	13	06	83	6	03	1	6	4	5	0	1	1		6						
17	11	0005	502	503	511	12	13	83	8	02	2	4	5	5	0	7	1		6						
17	14	9999	501		507	10	05	82	8	02	2	2	5	5	7	7									
17	17	9985	003		514	11	09	82	8	02	2	3	5	5	0	7									
17	20	9964	003		503	10	14	82	8	02	2	3	5	5	0	7									
17	23	9936	004		504	10	16	83	1	01	2	1	5	6	0	0				11	23	152	0000	004	519
18	02	9908	003		505	13	09	83	5	03	1	5	5	6	0	0									
18	05	9863	010		001	12	14	83	7	02	2	5	5	6	7		1								
18	08	9837	010		000	11	17	83	7	02	2	5	5	7	7		1								
18	11	9810	009	008	501	11	15	82	7	02	2	5	5	7	7		1								
18	14	9785	010		503	11	14	82	7	02	2	4	5	7	7										
18	17	9778	011		002	14	09	81	8	22	2	8	5	7	2										
18	20	9770	016		003	18	01	81	8	02	2	8	6	5											
18	23	9757	015		003	07	16	80	8	36	2	8	6	5						07	28	289	0000	017	002

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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	9757	015		002	07	12	81	8	02	3	8	6	5											
19	05	9760	014		006	08	03	80	8	15	2	8	6	4											
19	08	9776	012		007	09	01	24	8	22	7	8	6	4	2										
19	11	9784	011	010	004	17	01	40	8	15	2	8	6	4											
19	14	9790	011		006	23	05	24	8	16	2	8	6	4											
19	17	9796	011		008	00	00	24	8	16	7	8	6	4											
19	20	9794	010		008	16	01	24	8	16	7	8	6	4											
19	23	9788	010		006	00	00	24	8	16	7	8	6	4						07	23	312	0002	015	009
20	02	9774	009		005	18	02	40	8	02	7	4	6	4	0	7									
20	05	9755	007		002	13	03	81	5	01	2	3	6	4	3	0	3	6							
20	08	9747	005		501	00	00	80	5	02	1	3	6	4	3	1									
20	11	9742	004	004	502	13	01	81	5	02	1	0	6	4	9	2		5	8						
20	14	9741	002		505	06	04	82	5	01	1	0	5	4	9	2									
20	17	9753	501		510	10	05	82	5	02	1	1	0	5	0	2									
20	20	9758	501		509	11	07	82	3	02	1	0	0	5	0	0									
20	23	9763	504		512	09	04	83	0	01	1	0	0	5	0	0				12	11	066	0002	010	504
21	02	9765	501		508	09	05	83	1	03	0	1	5	5	0	0									
21	05	9771	001		506	09	06	40	7	15	2	7	6	5			1								
21	08	9776	003		501	12	04	24	8	16	7	8	6	4											
21	11	9781	004	003	503	05	06	80	8	02	2	8	6	5			1								
21	14	9785	001		506	05	06	80	7	02	2	5	6	5	6	2	1		7						
21	17	9792	001		503	03	09	80	7	02	2	8	6	5											
21	20	9801	000		502	33	07	24	8	16	2	8	6	5											
21	23	9822	511		514	29	07	16	8	71	7	8	6	5						02	21	153	0006	004	512
22	02	9839	512		516	02	04	24	8	16	7	8	6	5											
22	05	9858	513		517	03	08	81	5	01	2	8	5	5	0	0	1								
22	08	9871	516		520	10	05	81	3	02	1	5	5	5	0	0	1								
22	11	9890	515	515	519	11	06	81	3	02	1	3	6	5	0	0	1								
22	14	9904	513		517	09	03	81	7	03	1	6	1	5	4										
22	17	9916	514		519	10	02	82	7	01	2	6	0	5	0	0									
22	20	9929	514		521	12	04	82	0	02	0	0	0	5	0	0									
22	23	9935	514		521	12	07	82	0	02	0	0	0	5	0	0				12	10	193	0002	510	517
23	02	9940	515		522	12	07	82	0	02	0	0	0	5	0	0									
23	05	9937	515		523	12	08	82	1	02	0	1	0	5	0	0	1								
23	08	9936	516		524	00	00	82	1	02	0	0	0	5	0	0									
23	11	9934	517	517	527	00	00	82	3	03	0	0	0	5	0	0									
23	14	9915	516		524	15	07	83	3	02	1	0	0	5	0	0									
23	17	9904	517		525	13	05	83	1	01	1	0	0	5	0	0									
23	20	9891	514		524	12	07	83	0	02	0	0	0	5	0	0									
23	23	9870	511		519	16	04	83	0	02	0	0	0	5	0	0				13	15	142	0000	509	519
24	02	9852	504		514	12	07	80	3	03	0	3	6	5	0	0									
24	05	9841	500		509	13	07	24	5	15	1	5	6	5	0	0	1								
24	08	9827	005		003	13	06	16	8	16	7	8	6	4	2										
24	11	9813	008		003	13	05	40	7	22	7	5	6	4	3										
24	14	9801	014		003	05	10	40	7	16	2	5	6	4	7										
24	17	9787	012		003	04	07	80	8	02	3	6	6	4	7										
24	20	9765	015		003	00	00	80	8	02	2	8	6	5											
24	23	9724	017		003	07	10	40	8	02	2	8	6	5						06	37	172	0001	017	513
25	02	9695	013		004	10	14	81	8	02	2	8	6	5											
25	05	9667	016		007	05	08	81	8	02	2	7	6	5	7		1								
25	08	9649	015		007	00	00	82	7	01	2	7	6	5			1								
25	11	9640	018	016	007	07	15	81	8	14	2	7	6	5	2		1								
25	14	9648	020		010	00	00	80	8	15	2	7	6	5	2										
25	17	9660	021		014	05	14	80	8	02	2	8	6	5											
25	20	9677	020		016	04	15	80	8	02	2	8	6	5											
25	23	9681	020		016	05	21	16	8	36	2	8	6	5						06	39	242	0002	021	012
26	02	9667	023		016	06	21	80	8	02	2	8	6	5											
26	05	9695	021		019	03	21	80	8	02	2	8	6	4				8							
26	08	9769	018		018	36	12	02	9	71	2	9													
26	11	9818	007		006	33	05	02	9	71	7	9													
26	14	9855	005		003	00	00	08	8	22	7	8	6	4											
26	17	9886	003		001	00	00	81	8	02	2	8	6	4											
26	20	9908	004		002	00	00	81	8	02	2	8	6	4											
26	23	9918	009		007	00	00	24	8	70	2	8	6	4						06	40	375	0002	024	003
27	02	9920	013		012	03	07	81	8	02	2	8	6	4											
27	05	9919	013		012	05	07	81	8	02	2	8	6	4											
27	08	9907	012		008	09	07	82	7	01	2	7	5	5				1							
27	11	9898	011	010	003	14	05	81	7	15	2	7	5	5											
27	14	9897	013		012	11	07	08	8	16	2	8	6	4											
27	17	9899	015		013	10	04	24	8	15	7	8	6	4											
27	20	9901	013		010	07	05	24	8	15	7	8	6	4											
27	23	9908	013		010	12	05	24	8	71	7	8	6	4						03	18	120	0005	017	009

Results of Surface Observations,
DAVIS – Jul., 1957

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	9908	013		011	00	00	24	8	71	78	88	6	4											
28	05	9911	013		011	15	02	24	8	22	77	88	6	4											
28	08	9913	014		013	09	07	02	9	71	77	9													
28	11	9913	012		010	09	06	56	7	01	22	55	6	4											
28	14	9913	010		008	00	00	08	8	16	22	88	6	4											
28	17	9919	006		004	00	00	24	8	15	22	88	6	4											
28	20	9921	005		004	00	00	80	5	01	22	55	6	4	0	0									
28	23	9926	501		504	00	00	82	0	01	11	00	0	9	0	0				08	09	156	0007	014	504
29	02	9936	503		509	00	00	82	2	02	11	00	0	9	7	0									
29	05	9940	503		510	13	06	82	2	02	11	00	0	9	7	0									
29	08	9939	509		512	22	02	82	2	02	11	00	0	9	7	1		5	5						
29	11	9929	508		511	17	01	81	4	03	11	00	0	9	6	5		5	5						
29	14	9907	507		510	18	04	40	6	41	22	10	6	0	2	6		5	5						
29	17	9895	507		509	20	08	80	8	02	22	00	0	9	2	7									
29	20	9862	513		517	00	00	81	6	01	22	00	0	9	2	8									
29	23	9852	513		517	00	00	82	1	01	11	00	0	9	0	8				13	19	078	0000	000	515
30	02	9845	509		515	11	10	82	1	02	11	00	0	9	0	1									
30	05	9831	509		516	11	12	82	1	02	11	00	0	9	0	1									
30	08	9827	508		514	11	17	82	1	02	11	00	0	9	0	1									
30	11	9831	508	508	511	13	20	16	0	38	11	00	0	9	0	1									
30	14	9844	508		511	11	21	04	0	38	11	00	0	9	0	0									
30	17	9881	506		510	12	21	04	0	38	11	00	0	9	0	0									
30	20	9910	505		509	12	27	02	0	38	11	00	0	9	0	0									
30	23	9941	504		509	10	28	02	0	38	11	00	0	9	0	0				12	45	171	0000	502	511
31	02	9976	505		509	13	27	01	0	38	33	00	0	9	0	0									
31	05	0002	502		509	12	25	80	1	02	33	00	0	9	0	1									
31	08	0020	502		509	13	12	81	2	03	11	00	0	9	0	1									
31	11	0034	001	000	508	10	12	62	6	03	11	00	0	9	0	1			5						
31	14	0049	001		510	09	07	82	8	02	22	00	0	9	0	7									
31	17	0051	003		506	11	10	82	8	02	22	00	0	9	0	7									
31	20	0044	004		507	12	09	82	8	02	22	00	0	9	0	7									
31	23	0040	006		507	08	08	82	8	02	22	00	0	9	0	7				12	41	636	0000	006	505

Results of Surface Observations,
DAVIS – Aug., 1957

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	0037	006		509	11	03	82	8	02	2		0	0	9	0	7									
01	05	0027	003		510	12	05	82	8	02	2		0	0	9	0	7									
01	08	0002	005		510	12	06	82	8	02	2		0	0	9	0	7									
01	11	9985	009		507	04	09	81	8	02	2		0	0	9	2	7		1	7						
01	14	9957	011		505	04	12	81	8	02	2		0	0	9	2	7		1							
01	17	9929	013		503	06	14	81	8	02	2		0	0	9	2	7									
01	20	9898	015		502	07	18	81	8	02	2		0	0	9	2										
01	23	9873	013		503	08	18	81	8	02	2		0	0	9	2	7				07	37	225	0000	018	002
02	02	9849	013		505	07	21	81	8	02	2		0	0	9	7	7									
02	05	9832	011		503	12	12	81	8	02	2		0	0	9	7	7									
02	08	9829	010		501	13	15	81	6	01	2		0	0	9	3	8									
02	11	9818	016		505	14	09	82	6	02	1		0	0	9	3	8		2	3						
02	14	9811	011		507	10	27	82	5	02	1		0	0	9	3	1									
02	17	9802	009		506	13	21	82	3	01	1		0	0	9	0	1									
02	20	9813	011		504	08	18	82	2	02	1		0	0	9	3	1									
02	23	9822	011		504	09	18	83	0	01	1		0	0	9	0	0				10	46	339	0000	018	009
03	02	9842	010		504	10	12	83	0	02	0		0	0	9	0	0									
03	05	9839	008		505	10	13	83	1	02	0		0	0	9	0	1									
03	08	9840	005		508	11	08	83	2	02	1		0	0	9	0	2									
03	11	9831	004	003	509	10	05	83	6	03	1		0	0	9	3	6		7	6						
03	14	9815	006		507	07	09	83	8	02	2		0	0	9	7	7									
03	17	9802	005		505	05	10	83	8	02	2		0	0	9	7	7									
03	20	9788	004		503	03	08	83	8	02	2		0	0	9	3	7									
03	23	9777	005		502	03	15	82	8	02	2		0	0	9	3	7				04	23	368	0000	011	003
04	02	9774	004		503	04	10	82	8	02	2		0	0	9	3	8									
04	05	9776	004		002	04	07	82	8	02	2		3	5	7	3	8	1	1							
04	08	9790	003		502	12	02	82	7	02	2		5	5	7	3		1								
04	11	9807	005	003	509	11	04	83	2	01	2		1	5	7	3	0	2	2							
04	14	9834	002		512	11	07	83	1	02	0		0	0	9	3	0									
04	17	9848	001		513	08	07	83	0	02	0		0	0	9	0	0									
04	20	9861	501		515	07	06	83	0	02	0		0	0	9	0	0									
04	23	9868	506		519	11	16	83	0	02	0		0	0	9	0	0				11	30	213	0000	006	507
05	02	9880	509		519	10	06	83	0	02	0		0	0	9	0	0									
05	05	9894	509		520	08	07	83	0	02	0		0	0	9	0	0									
05	08	9913	507		520	06	06	83	0	02	0		0	0	9	0	0									
05	11	9934	507	508	521	05	10	83	0	02	0		0	0	9	0	0									
05	14	9961	507		521	06	07	83	1	03	0		0	0	9	3	0									
05	17	9979	509		523	07	05	83	0	02	0		0	0	9	0	0									
05	20	0001	510		523	06	06	83	0	02	0		0	0	9	0	0									
05	23	0011	511		524	00	00	83	0	02	0		0	0	9	0	0				11	30	207	0000	505	512
06	02	0026	510		523	12	01	83	0	02	0		0	0	9	0	0									
06	05	0033	510		522	12	04	83	0	02	0		0	0	9	0	0									
06	08	0044	511		522	10	06	83	1	03	0		0	0	9	3	0		8							
06	11	0058	507		517	12	04	83	3	03	1		2	5	5	3	0	1	8							
06	14	0078	509		516	05	01	83	6	03	1		6	5	5	0	0									
06	17	0092	505		512	08	05	83	7	02	2		7	5	5											
06	20	0098	505		510	08	04	83	8	02	2		8	5	5											
06	23	0099	504		509	00	00	83	8	02	2		8	5	5						07	11	151	0000	504	512
07	02	0094	504		508	00	00	83	7	02	2		6	5	5	3										
07	05	0080	502		506	00	00	83	7	02	2		5	5	7	3		1								
07	08	0067	002		507	10	08	83	2	01	2		2	5	7	0	0									
07	11	0057	003	001	512	11	06	83	1	02	0		0	0	9	3	0		1							
07	14	0045	003		507	10	10	83	1	02	0		0	0	9	3	0									
07	17	0058	000		510	10	10	83	1	02	0		0	0	9	3	0									
07	20	0072	501		512	10	12	83	0	02	0		0	0	9	0	0									
07	23	0078	501		513	11	06	83	0	02	0		0	0	9	0	0				10	19	103	0000	006	504
08	02	0082	000		515	13	03	83	0	02	0		0	0	9	0	0									
08	05	0069	502		515	11	01	83	0	02	0		0	0	9	0	0									
08	08	0049	501		515	11	08	83	0	02	0		0	0	9	0	0									
08	11	0029	003		513	09	02	83	0	02	0		0	0	9	0	0									
08	14	0010	003		512	08	06	83	0	02	0		0	0	9	0	0									
08	17	9997	501		514	10	10	83	0	02	0		0	0	9	0	0									
08	20	9991	502		515	11	06	83	0	02	0		0	0	9	0	0									
08	23	9983	502		515	10	10	83	0	02	0		0	0	9	0	0				12	16	201	0000	005	504
09	02	9976	502		515	11	09	83	0	02	0		0	0	9	0	0									
09	05	9969	502		515	13	08	83	0	02	0		0	0	9	0	0									
09	08	9960	501		514	13	08	83	1	03	0		0	0	9	3	1									
09	11	9952	001		512	12	09	83	3	03	1		0	0	9	3	1		2	1						
09	14	9941	002		512	12	07	83	6	03	1		0	0	9	3	1									
09	17	9938	002		513	10	07	83	6	02	2		0	0	9	0	1									
09	20	9937	001		513	12	09	83	6	02	2		0	0	9	0	1									
09	23	9935	001		513	12	08	83	6	02	2		0	0	9	0	2				11	16	196	0000	003	503

Results of Surface Observations,
DAVIS – Aug., 1957

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	9939	501		513	12	07	83	7	02	22	0	0	9	7	2									
10	05	9937	004		509	10	12	83	78	02	22	0	0	9	7	2									
10	08	9932	006		507	11	10	83	88	02	22	0	0	9	7			2							
10	11	9929	010	008	503	10	10	80	87	15	22	0	0	9	7										
10	14	9928	013		000	06	12	81	88	15	22	0	0	9	7										
10	17	9932	013		003	07	07	81	88	15	22	0	0	9	7										
10	20	9936	014		006	00	00	81	88	02	22	0	0	9	7										
10	23	9938	014		006	00	00	81	8	02	2	0	0	9	7					05	27	216	0000	016	501
11	02	9939	014		006	16	05	40	8	15	22	7	5	4	7										
11	05	9939	015		014	17	05	16	88	16	22	7	5	4	7										
11	08	9947	017		015	18	05	08	88	22	22	7	5	4	7										
11	11	9953	020	019	013	00	00	80	88	14	22	7	5	4	7		1								
11	14	9953	020		013	13	02	80	88	14	22	7	5	4	7										
11	17	9963	019		016	03	03	80	88	71	27	7	5	4	7										
11	20	9979	018		013	03	12	80	88	70	78	8	0	4	7										
11	23	9998	017		014	00	00	16	8	70	8	8	0	4	7	2				05	20	127	0004	023	013
12	02	0022	020		008	04	10	81	88	02	22	5	5	3	1										
12	05	0037	016		005	04	08	82	88	02	22	3	5	5	1										
12	08	0053	015		004	00	00	82	88	02	22	1	5	5	1										
12	11	0066	014		001	09	03	82	88	02	22	0	5	5	1		1								
12	14	0078	012		002	13	06	83	88	02	22	0	0	9	7			2	8						
12	17	0091	011		003	12	05	83	88	02	22	0	0	9	7										
12	20	0103	008		006	10	06	83	86	01	21	0	0	9	7										
12	23	0110	009		008	12	06	83	3	01	1	0	0	9	7	2				04	22	142	0002	020	007
13	02	0112	006		509	12	08	83	2	02	11	0	0	9	0	2									
13	05	0117	002		512	00	00	83	22	02	11	0	0	9	0	2									
13	08	0115	003		509	14	08	83	24	02	11	0	0	9	0	2									
13	11	0109	002		511	00	00	83	48	03	11	0	0	9	0	5									
13	14	0104	007		506	18	10	82	88	02	22	0	0	9	0	7			4						
13	17	0089	004		506	00	00	82	88	02	22	0	0	9	0	7									
13	20	0082	001		501	19	04	82	88	02	22	0	0	9	0	7									
13	23	0064	001		501	24	01	82	8	02	2	0	0	9	0	7				15	17	158	0000	010	504
14	02	0045	502		505	00	00	82	88	02	22	0	0	9	0	7									
14	05	0028	503		506	00	00	82	88	02	22	0	0	9	0	7									
14	08	0025	000		503	10	06	82	85	01	22	0	0	9	0	7		5	5						
14	11	0023	000		511	00	00	82	53	02	11	0	0	9	0	2		5	5						
14	14	0017	002		510	00	00	82	31	02	11	0	0	9	0	1									
14	17	0007	503		512	00	00	82	10	02	11	0	0	9	0	1									
14	20	9990	502		514	00	00	82	00	02	00	0	0	9	0	0									
14	23	9976	504		515	00	00	82	0	02	0	0	0	9	0	0				23	10	090	0000	004	507
15	02	9958	503		515	08	09	82	12	02	01	0	0	9	0	5									
15	05	9935	503		516	08	07	82	22	03	11	0	0	9	0	5									
15	08	9915	502		516	09	08	82	53	02	11	0	0	9	0	2		5							
15	11	9887	502	503	517	09	08	82	53	03	11	0	0	9	0	1									
15	14	9842	501		515	09	08	82	53	01	21	0	0	9	0	1		5							
15	17	9819	506		519	10	08	83	53	02	11	0	0	9	0	0									
15	20	9800	507		520	09	09	83	00	01	00	0	0	9	0	0		6	6						
15	23	9789	509		521	09	06	83	0	02	0	0	0	9	0	0				07	16	109	0000	002	510
16	02	9784	507		520	05	03	83	0	02	0	0	0	9	0	0									
16	05	9784	507		518	08	02	83	01	02	0	0	0	9	0	0									
16	08	9782	509		516	05	07	83	17	03	01	0	0	9	0	0									
16	11	9796	503	503	508	03	16	81	79	03	17	0	0	9	0	0									
16	14	9816	500		505	02	18	24	79	14	17	0	0	9	0	0									
16	17	9833	002		501	04	25	00	99	77	17	0	0	9	0	0									
16	20	9861	503		506	30	06	00	98	77	17	0	0	9	0	0									
16	23	9887	504		507	25	06	08	8	22	7	0	0	9	0	0				04	31	182	0000	002	511
17	02	9898	504		507	00	00	24	88	15	77	6	6	4											
17	05	9906	503		505	00	00	24	88	15	77	6	6	4											
17	08	9901	503		505	06	01	08	88	22	77	6	6	4											
17	11	9901	501	501	504	12	04	00	89	38	77	6	6	2											
17	14	9892	005		004	03	27	00	99	38	77														
17	17	9889	006		004	03	28	00	99	38	77														
17	20	9886	006		004	04	24	00	99	38	77														
17	23	9867	006		004	05	27	00	9	38	7	9	6	4						04	35	212	0003	007	504
18	02	9857	006		004	05	25	00	99	38	73	9	6	4											
18	05	9837	006		004	05	18	00	95	38	73	9	6	4											
18	08	9829	005		004	04	25	01	97	38	73	7	6	4											
18	11	9829	004		002	04	17	00	77	16	32	7	6	4											
18	14	9831	501		504	06	04	24	79	16	37	7	6	4											
18	17	9849	505		508	04	14	24	77	36	37	7	6	4											
18	20	9869	507		511	04	15	16	79	36	37	7	6	4											
18	23	9875	508		511	04	20	00	9	38	9	9	6	4	7	0				04	38	1510	0006	006	508

Results of Surface Observations,
DAVIS – Aug., 1957

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	9872	509		513	04	05	08	9	22	3	9													
19	05	9854	504		507	36	01	08	9	78	7	9													
19	08	9834	005		002	03	30	00	9	38	7	9													
19	11	9824	007		004	05	35	00	9	38	3	9													
19	14	9802	009		007	04	25	00	9	38	3	9													
19	17	9795	011		010	04	23	00	9	38	3	9													
19	20	9780	013		012	05	40	00	9	38	7	9													
19	23	9778	012		011	05	35	00	9	38	7	9								05	54	437	0003	013	511
20	02	9801	010		008	04	24	00	9	38	3	9													
20	05	9805	008		006	04	27	00	9	38	3	9													
20	08	9807	009		002	04	15	40	8	14	3	6	6	4	1										
20	11	9802	010	008		05	10	80	8	02	2	5	6	5	1		1								
20	14	9789	012		002	06	24	80	8	14	2	6	6	4	1										
20	17	9787	010		002	04	21	80	8	15	3	8	6	4											
20	20	9786	009		004	05	10	40	8	15	2	8	6	4											
20	23	9788	008		006	04	30	01	8	36	3	8	6	4						05	38	1536	0002	012	006
21	02	9793	006		004	04	35	00	9	38	3	9													
21	05	9801	005		004	04	46	00	9	38	3	9													
21	08	9830	005		004	04	30	00	9	38	3	9													
21	11	9833	006		005	05	40	00	9	38	3	9													
21	14	9848	005		004	06	35	08	7	36	3	6	6	4	0	1									
21	17	9857	005		001	08	12	80	8	02	3	0	0	4	0	7									
21	20	9862	003		502	07	03	82	5	01	2	0	0	4	0	8									
21	23	9865	002		509	10	10	82	3	01	1	0	0	4	0	8				05	56	1545	0004	007	001
22	02	9864	002		510	07	08	82	3	02	1	0	0	4	0	8									
22	05	9866	001		511	13	03	82	3	02	1	0	0	4	0	8									
22	08	9867	502		512	10	10	82	3	02	1	1	0	6	0	8	1								
22	11	9866	002	001		10	16	82	7	03	1	0	0	4	0	6			3						
22	14	9860	001		511	11	14	82	7	02	2	0	0	5	0	8									
22	17	9852	002		512	08	23	82	7	02	2	3	5	5	0	7									
22	20	9845	003		509	09	13	82	7	02	2	7	5	5						07	29	316	0001	007	502
22	23	9825	006		507	10	15	82	7	02	2	7	5	5											
23	02	9809	011		503	10	08	82	7	02	2	7	5	5											
23	05	9802	012		502	09	17	82	7	02	2	7	5	5			1								
23	08	9811	014		000	07	12	82	7	14	2	7	5	5			1								
23	11	9812	015	012		07	15	82	7	14	2	7	5	5			1								
23	14	9811	013		501	11	05	82	7	02	2	5	5	6	3										
23	17	9816	009		503	14	08	82	6	02	2	4	5	6	7	0									
23	20	9809	010		503	12	05	82	6	02	2	6	5	6	0	0									
23	23	9792	007		505	10	07	83	3	01	2	3	5	6	0	0				07	29	427	0000	015	005
24	02	9783	002		509	11	05	83	1	01	1	1	5	6	0	0									
24	05	9775	001		510	09	11	83	0	02	0	0	0	9	0	0									
24	08	9763	001		511	08	05	83	0	02	0	0	0	9	0	0									
24	11	9749	004	003		06	01	83	0	02	0	0	0	9	0	0									
24	14	9749	005		507	00	00	83	1	02	0	0	0	9	0	5									
24	17	9748	003		508	04	03	83	1	02	0	0	0	9	0	5									
24	20	9749	002		508	09	03	83	1	02	0	0	0	9	0	5									
24	23	9750	010		001	05	12	82	7	03	0	7	6	3						05	15	219	0000	012	501
25	02	9761	012		005	04	06	82	7	02	2	7	6	5	7	7									
25	05	9770	015		006	05	16	82	7	02	2	5	6	5	7	7	1								
25	08	9793	015		006	05	05	82	7	01	2	4	6	5	7	7	1								
25	11	9809	018	016		07	14	82	7	02	2	6	6	5	7	7	1								
25	14	9820	016		005	09	12	82	7	02	2	5	5	5	7	7									
25	17	9828	012		000	11	15	82	3	01	2	2	5	5	7	7									
25	20	9810	007		504	11	18	83	0	01	0	0	0	9	0	0									
25	23	9778	004		506	12	17	83	0	02	0	0	0	9	0	0				11	30	178	0000	019	003
26	02	9750	003		506	09	08	83	0	02	0	0	0	9	0	0									
26	05	9722	007		505	11	13	83	0	02	0	0	0	9	0	0									
26	08	9692	007		506	10	15	83	0	02	0	0	0	9	0	0									
26	11	9664	005	007		13	03	83	0	02	0	0	0	9	0	0									
26	14	9653	010		504	00	00	83	0	02	0	0	0	9	0	0									
26	17	9678	005		507	00	00	83	1	03	0	0	0	9	0	5									
26	20	9701	003		505	06	07	83	1	02	1	0	0	9	0	5									
26	23	9729	501		506	06	05	83	1	02	1	0	0	9	0	5				11	20	333	0000	011	501
27	02	9737	003		000	07	06	83	6	03	1	0	0	9	0	6									
27	05	9721	003		002	08	05	82	8	02	2	2	5	7	0	7	1		7						
27	08	9700	003		001	09	06	82	8	02	2	2	5	7	0	7									
27	11	9697	012	012	010	04	27	24	8	16	2	8	6	4											
27	14	9683	013		013	04	36	24	8	36	2	7	6	4	7										
27	17	9679	009		008	04	20	08	8	36	3	3	6	4											
27	20	9675	009		008	05	18	24	8	36	3	8	6	4											
27	23	9672	012		011	03	09	81	8	02	3	8	6	4						05	44	170	0000	020	001

Results of Surface Observations,
DAVIS — Aug., 1957

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	9666	020		013	06	27	81	7	02	2	7	5	5											
28	05	9674	020		011	07	18	82	7	02	2	7	5	5			1								
28	08	9667	020		008	07	24	82	7	02	2	5	5	3	7		1								
28	11	9677	020	018	010	07	12	82	7	02	2	5	5	3	7		1								
28	14	9678	020		005	07	12	83	7	02	2	4	5	3	7										
28	17	9681	016		001	08	10	83	7	02	2	6	5	3	7										
28	20	9678	014		001	06	10	83	8	02	2	3	5	5	0	7									
28	23	9685	015		006	04	05	83	8	02	2	3	5	3	0	7				06	41	1524	0000	021	013
29	02	9693	015		004	05	12	82	7	02	2	6	5	3	7										
29	05	9693	015		004	06	13	82	7	02	2	5	5	6	7		1								
29	08	9692	014		001	06	20	82	7	14	2	5	5	6	7		1								
29	11	9685	015	013	003	07	15	82	7	14	2	6	5	4	7										
29	14	9675	015		003	06	12	40	7	15	2	7	5	4											
29	17	9670	013		000	07	18	56	7	15	2	7	6	4											
29	20	9667	011		502	10	03	81	5	01	2	4	5	3	3	0									
29	23	9665	009		503	08	07	82	8	02	2	3	5	5	0	7				07	26	291	0000	016	004
30	02	9670	010		502	09	03	82	7	02	2	7	5	5											
30	05	9680	007		503	12	03	82	7	14	2	7	6	4			1								
30	08	9687	007		504	11	07	80	8	15	2	6	6	4	0	7	1								
30	11	9704	004	003	509	10	12	82	7	01	2	3	5	3	7	8	1		2						
30	14	9712	003		508	13	07	82	7	02	2	3	5	5	7										
30	17	9717	000		510	13	06	83	5	01	2	2	5	5	3	0									
30	20	9717	503		512	11	01	83	5	01	2	0	0	9	3	0									
30	23	9712	504		514	00	00	83	5	03	1	0	0	9	3	5				05	17	260	0000	011	506
31	02	9712	503		513	00	00	82	8	02	2	5	5	7	3										
31	05	9708	501		511	00	00	82	8	02	2	5	5	7	3		4								
31	08	9711	001		508	07	05	82	8	02	2	4	5	7			4								
31	11	9711	003	002	506	11	02	83	6	01	2	5	5	7	3	0									
31	14	9719	004		502	00	00	82	7	02	2	7	5	5											
31	17	9720	004		504	04	07	82	7	02	2	7	5	5											
31	20	9722	003		506	05	10	82	7	02	2	7	5	5											
31	23	9730	001		507	08	02	82	7	02	2	7	5	5						04	16	143	0000	006	505

Results of Surface Observations,
DAVIS – Sep., 1957

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	9 7 3 8	5 0 1		5 0 5	0 5	0 3	8 2	7	0 2	2	6	5 5	6	0	1									
01	05	9 7 4 8	5 0 0		5 0 7	1 0	0 4	8 2	7	0 2	2	5	5 5	7	0	1									
01	08	9 7 5 6	5 0 3		5 1 1	1 1	0 5	8 3	5	0 1	2	1	5 5	7	3	1	1								
01	11	9 7 5 9	5 0 2		5 1 1	1 3	0 5	8 1	5	1 5	2	2	5 5	5	3	8	1	1							
01	14	9 7 6 1	5 0 1		5 0 9	1 4	0 5	8 1	6	1 5	2	2	5 5	5	3	8									
01	17	9 7 6 1	5 0 2		5 1 1	0 5	0 3	8 2	8	0 2	2	0	0 0	9	3	7									
01	20	9 7 5 7	5 0 6		5 1 5	0 8	0 7	8 3	3	0 1	2	0	0 0	9	3	8									
01	23	9 7 5 6	5 0 5		5 1 2	1 0	0 5	8 3	3	0 2	1	0	0 0	9	0	8				0 9	0 9	1 1 8	0 0 0 0	0 0 2	5 0 7
02	02	9 7 4 7	5 0 4		5 0 8	0 9	0 2	8 3	7	0 2	2	3	5 5	5	3	8									
02	05	9 7 3 9	5 0 5		5 0 9	0 9	0 5	8 3	5	0 1	2	2	5 5	5	3	8	1								
02	08	9 7 3 8	5 0 8		5 1 4	1 0	0 6	8 3	3	0 1	1	1	5 5	5	3	1									
02	11	9 7 2 4	5 0 3		5 1 0	1 0	0 4	8 3	1	0 2	1	0	0 0	9	3	0									
02	14	9 7 1 4	5 0 2		5 1 1	0 0	0 0	8 3	1	0 2	1	0	0 0	9	3	0									
02	17	9 7 1 3	5 0 6		5 1 3	0 0	0 0	8 3	1	0 2	1	0	0 0	9	3	0									
02	20	9 7 0 3	5 0 7		5 1 0	0 0	0 0	8 3	3	0 3	1	0	0 0	9	3	0									
02	23	9 7 1 2	5 0 8		5 1 0	0 0	0 0	8 3	7	0 3	1	0	0 0	9	3	0				1 2	1 0	1 4 2	0 0 0 0	0 0 1	5 1 0
03	02	9 7 2 4	5 0 6		5 1 1	0 0	0 0	8 1	8	1 5	2	5	5 5	7	3										
03	05	9 7 3 9	5 0 6		5 1 1	0 6	0 5	8 2	7	0 1	2	5	5 5	7	3		2								
03	08	9 7 5 1	5 0 9		5 1 8	0 8	0 5	8 3	2	0 1	1	1	5 5	5	3		1								
03	11	9 7 6 6	5 0 5	5 0 6	5 2 1	0 7	0 4	8 3	1	0 2	1	1	5 5	5	3	0	1								
03	14	9 7 7 4	5 0 4		5 1 7	0 9	0 1	8 3	1	0 2	1	1	5 5	5	3	0									
03	17	9 7 7 8	5 0 6		5 1 9	1 2	0 3	8 3	1	0 2	1	0	0 0	9	3	0									
03	20	9 7 6 8	5 0 8		5 1 9	0 8	0 5	8 3	0	0 2	0	0	0 0	9	3	0									
03	23	9 7 5 9	5 0 9		5 2 0	0 8	0 3	8 3	0	0 2	0	0	0 0	9	0	0				0 7	1 2	0 8 5	0 0 0 0	5 0 3	5 1 2
04	02	9 7 4 5	5 1 0		5 2 1	0 0	0 0	8 3	0	0 2	0	0	0 0	9	0	0									
04	05	9 7 3 1	5 1 2		5 2 2	1 2	0 6	8 3	0	0 2	0	0	0 0	9	0	0									
04	08	9 7 2 2	5 1 4		5 2 3	0 8	0 5	8 3	0	0 2	0	0	0 0	9	0	0									
04	11	9 7 1 3	5 0 8	5 0 9	5 2 0	0 0	0 0	8 3	0	0 2	0	0	0 0	9	0	0									
04	14	9 7 1 6	5 0 3		5 1 7	0 0	0 0	8 3	0	0 2	0	0	0 0	9	0	0									
04	17	9 7 2 6	5 0 5		5 1 7	1 2	0 5	8 3	0	0 2	0	0	0 0	9	0	0									
04	20	9 7 3 4	5 0 8		5 1 9	0 7	0 7	8 3	0	0 2	0	0	0 0	9	0	0									
04	23	9 7 4 8	5 1 1		5 2 1	0 7	0 5	8 3	0	0 2	0	0	0 0	9	0	0				0 7	0 9	1 2 3	0 0 0 0	5 0 2	5 1 5
05	02	9 7 6 6	5 1 1		5 2 0	0 6	0 7	8 3	0	0 2	0	0	0 0	9	0	0									
05	05	9 7 8 0	5 1 3		5 2 0	0 8	0 4	8 3	0	0 2	0	0	0 0	9	0	0									
05	08	9 7 9 1	5 1 3		5 2 0	0 4	0 2	8 3	0	0 2	0	0	0 0	9	0	0									
05	11	9 8 0 4	5 0 9		5 1 7	0 7	0 8	8 3	0	0 3	0	1	0 0	9	0	5									
05	14	9 8 2 3	5 0 7		5 1 6	0 6	0 6	8 3	1	0 2	1	0	0 0	9	0	5			6						
05	17	9 8 3 9	5 1 0		5 1 7	0 8	0 1	8 3	1	0 2	1	0	0 0	9	0	5									
05	20	9 8 4 7	5 1 0		5 1 7	1 1	0 3	8 3	2	0 2	1	0	0 0	9	0	5									
05	23	9 8 5 4	5 0 8		5 1 5	1 1	0 3	8 3	7	0 3	1	0	0 0	9	3	5				0 5	1 1	1 1 2	0 0 0 0	5 0 6	5 1 5
06	02	9 8 5 7	5 0 4		5 1 0	0 9	0 2	8 2	8	0 2	2	7	5 5	5	7										
06	05	9 8 6 2	0 0 1		5 0 5	0 7	0 6	8 2	8	0 2	2	8	5 5	5			1								
06	08	9 8 6 9	0 0 2		5 0 5	0 8	0 7	8 2	8	0 2	2	8	5 5	5			1								
06	11	9 8 7 4	0 0 1	5 0 0	5 0 8	0 9	0 9	8 2	7	0 1	2	5	5 5	5	7										
06	14	9 8 7 1	0 0 3		5 0 8	0 6	0 6	8 2	8	0 2	2	8	5 5	5	7										
06	17	9 8 6 5	0 0 2		5 0 9	0 9	0 1	8 1	8	1 4	2	8	5 5	4											
06	20	9 8 5 5	0 0 1		5 1 0	0 0	0 0	8 0	8	1 4	2	8	6 5	4	7										
06	23	9 8 4 3	5 0 0		5 1 1	1 0	0 3	8 2	8	0 2	2	6	5 5	5	7					0 7	1 6	1 4 1	0 0 0 0	0 0 4	5 0 7
07	02	9 8 3 4	5 0 1		5 1 1	0 8	0 5	8 2	7	0 1	2	5	5 5	5	7										
07	05	9 8 2 2	5 0 3		5 0 7	0 9	0 5	8 2	5	0 1	2	5	5 5	5	7										
07	08	9 8 1 5	5 0 4		5 0 8	1 0	0 5	8 1	4	1 5	2	3	5 5	5	3	0	2								
07	11	9 8 0 9	0 0 2		5 0 2	1 2	0 4	8 0	4	4 0	1	3	5 5	5	3	0									
07	14	9 8 0 2	0 0 4		5 0 2	0 0	0 0	8 0	6	4 0	1	5	5 5	5	3	0									
07	17	9 8 0 3	0 0 3		5 0 1	1 3	0 0	8 0	8	1 5	1	7	5 5	5	7										
07	20	9 8 1 0	0 0 3		5 0 2	0 0	0 2	8 0	8	1 5	2	7	5 5	5	7										
07	23	9 8 1 6	0 0 3		5 0 3	0 8	0 3	8 0	8	7 1	2	7	5 5	5	7					0 8	1 1	1 4 9	0 0 0 0	0 0 5	5 0 4
08	02	9 8 3 0	0 0 1		5 0 1	0 9	0 3	4 0	8	1 5	7	8	5 5	5											
08	05	9 8 4 8	0 0 1		5 0 3	1 0	0 2	4 0	8	2 2	7	8	6 5	4											
08	08	9 8 6 0	0 0 1		5 0 2	0 7	0 3	0 8	8	2 0	7	8	6 5	4											
08	11	9 8 7 4	0 0 2		5 0 2	1 1	0 1	0 8	8	2 2	7	8	6 5	4											
08	14	9 8 8 2	0 0 3		5 0 5	0 9	0 4	5 6	8	1 5	7	8	6 5	4	2										
08	17	9 8 9 5	0 0 3		5 0 3	0 5	0 3	3 4	8	1 5	7	8	6 5	4											
08	20	9 9 0 2	0 0 4		5 0 1	0 4	1 5	4 0	8	1 5	7	8	6 5	4											
08	23	9 9 1 1	0 0 4		5 0 2	0 5	0 7	1 6	8	7 1	7	8	6 5	4						0 4	2 0	3 0 3	0 1 2 3	0 0 4	5 0 1
09	02	9 9 1 5	0 0 4		5 0 1	0 4	0 8	2 4	8	1 5	7	8	6 5	4											
09	05	9 9 2 0	0 0 3		5 0 1	0 9	0 2	2 4	8	1 5	7	8	6 5	4											
09	08	9 9 1 5	0 0 2		5 0 1	1 2	0 4	5 6	7	0 2	2	6	5 5	4	0	1	1								
09	11	9 8 9 5	0 0 2		5 0 5	1 3	0 3	8 1	5	0 1	2	3	5 5	5	3	1		1	8						
09	14	9 8 6 9	5 0 0	5 0 1	5 1 0	1 3	0 3	8 3	3	0 1	2	0	0 0	9	3	1									
09	17	9 8 3 6	5 0 0		5 0 7	1 9	1 2	8 2	4	0 3	2	0	0 0	9	3	5									
09	20	9 7 9 5	5 0 5		5 0 7	1 9	0 8	8 2	4	0 2	1	0	0 0	9	3	6									
09	23	9 7 5 7	5 0 6		5 1 1	1 8	0 7	8 3	4	0 2	1	0	0 0	9	0	6				1 9	1 7	0 0 1	0 1 7 9	0 0 5	5 1 2

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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
10	02	9726	511		513	23	10	82	3	01	1	0	0	9	U	8									
10	05	9714	515		517	27	03	82	3	02	1	U	U	9	0	8			1						
10	08	9700	517		519	00	00	82	4	03	1	2	5	3	U	8			1						
10	11	9694	515		518	00	00	83	5	02	1	2	6	4	U	1	6		1						
10	14	9701	514		516	30	01	83	5	02	1	2	5	5	U	1									
10	17	9721	517		519	00	00	82	3	02	1	3	5	3	U	0									
10	20	9738	516		518	00	00	82	2	02	1	2	5	3	U	0									
10	23	9745	518		521	09	04	83	0	01	1	0	0	9	0	0				23	19	000	0167	505	521
11	02	9757	520		522	00	00	83	2	03	0	0	0	9	0	5									
11	05	9758	517		520	00	00	83	2	02	1	0	0	9	0	5			1						
11	08	9763	516		518	16	06	83	2	02	1	0	0	9	0	5			1						
11	11	9780	514		516	19	08	83	2	02	1	0	0	9	0	5			1						
11	14	9809	510		512	18	04	83	1	01	1	0	0	9	0	8									
11	17	9840	512		516	18	06	83	1	02	1	0	0	9	0	2									
11	20	9862	517		520	17	05	83	1	02	1	0	0	9	0	2									
11	23	9887	514		517	18	07	83	0	01	1	0	0	9	0	0				19	11	053	0000	510	521
12	02	9905	514		516	16	14	83	0	02	0	0	0	9	0	0									
12	05	9922	517		521	00	00	83	0	02	0	0	0	9	0	0									
12	08	9931	517		520	22	03	83	0	02	0	0	0	9	0	0									
12	11	9939	511		516	19	05	83	0	02	0	0	0	9	0	0									
12	14	9950	510		514	23	04	83	1	03	0	0	0	9	0	5									
12	17	9957	507		512	00	00	83	1	02	1	0	0	9	0	8									
12	20	9963	511		513	07	06	83	1	02	1	0	0	9	0	8									
12	23	9958	510		516	10	03	83	1	02	1	0	0	9	0	8				16	14	096	0000	506	520
13	02	9950	511		519	10	07	83	3	03	1	0	0	9	0	5									
13	05	9926	511		519	12	08	83	3	02	1	0	0	9	2	5		5	5						
13	08	9906	511		519	07	04	83	3	02	1	0	0	9	2	5									
13	11	9887	506		516	11	07	83	5	03	1	0	0	9	2	6		4	5						
13	14	9856	501		511	00	00	83	4	02	1	0	0	9	0	6									
13	17	9829	501		511	00	00	83	4	02	1	0	0	9	0	6									
13	20	9797	001		509	11	05	83	7	03	1	5	5	5	0	3									
13	23	9761	501		511	10	09	83	1	01	2	1	5	0	0	0				12	17	178	0000	001	512
14	02	9732	001		507	11	06	83	5	03	1	3	5	6	0	0									
14	05	9701	001		507	11	06	83	7	03	1	4	5	3	3		2								
14	08	9685	006		501	09	06	82	4	03	2	7	6	4	3										
14	11	9662	011	010	002	10	01	56	8	15	7	8	6	4											
14	14	9641	014		006	13	02	24	8	16	7	8	6	4											
14	17	9642	016		013	36	01	56	7	15	7	7	5	4	7										
14	20	9641	017		008	06	15	80	7	02	2	7	5	5											
14	23	9631	015		012	04	21	24	8	36	2	6	5	5						05	36	210	0000	019	503
15	02	9636	019		008	07	10	80	8	02	2	8	5	5											
15	05	9635	019		008	08	08	81	8	14	2	5	5	5	7		1								
15	08	9641	020		007	10	05	82	8	14	2	4	4	6	7		1								
15	11	9643	022	019	010	07	05	82	8	14	2	3	5	0	7	7	1								
15	14	9650	023		010	07	16	82	8	14	2	4	5	0	7	7									
15	17	9660	021		007	06	15	82	8	14	2	4	5	0	7										
15	20	9665	019		006	08	14	82	8	02	2	5	5	0	7										
15	23	9676	015		003	11	10	82	8	02	2	6	5	0	7					05	29	240	0001	023	014
16	02	9686	013		001	09	07	82	5	01	2	3	5	6	7	0									
16	05	9685	014		000	09	13	82	4	02	1	2	5	5	7	0	1								
16	08	9683	017		004	08	13	82	7	02	2	6	5	5	7		1								
16	11	9690	020	017	008	06	12	81	8	14	2	6	6	4	7		1								
16	14	9687	019		008	04	27	81	8	14	2	6	6	4	7										
16	17	9703	019		006	05	18	81	8	14	2	7	6	3	7										
16	20	9714	019		004	07	14	81	8	02	2	5	6	3	7										
16	23	9715	015		002	08	10	81	8	02	2	5	6	3	7					05	41	310	0000	020	013
17	02	9723	015		002	10	07	81	8	02	2	8	6	3											
17	05	9721	015		002	09	07	81	8	02	2	8	6	4											
17	08	9721	015		004	14	03	80	8	15	2	8	6	4											
17	11	9725	017	014	001	00	00	80	7	15	2	7	6	4											
17	14	9730	017		003	06	12	81	7	14	2	7	5	5											
17	17	9737	014		001	07	03	82	7	02	2	5	5	3	5										
17	20	9746	013		000	05	07	82	8	02	2	8	5	3											
17	23	9752	011		501	08	04	82	8	02	2	7	5	3						05	24	324	0000	015	009
18	02	9762	009		504	09	08	82	5	01	2	5	5	3	0	0									
18	05	9763	008		504	07	06	82	7	03	1	6	5	0	3		1								
18	08	9771	009		504	06	08	82	7	02	2	7	5	2	3		1								
18	11	9777	012	010	001	05	17	81	8	14	2	7	5	0	3		1								
18	14	9790	015		000	04	14	81	8	14	2	8	5	3											
18	17	9799	012		502	06	07	82	8	14	2	6	5	3	3										
18	20	9811	007		505	06	06	83	3	01	2	2	5	3	0	1									
18	23	9815	004		507	10	03	83	1	01	1	1	5	3	0	0				05	27	175	0000	014	003

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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	9824	003		507	10	01	82	3	03	1	3	5	3	0	1									
19	05	9824	005		503	10	04	82	7	03	1	7	5	3			1								
19	08	9821	008		501	08	03	82	8	02	2	7	5	3	2		1								
19	11	9814	013	011	004	08	01	81	8	15	2	8	5	3			1								
19	14	9812	012		007	00	00	24	8	16	7	8	5	4											
19	17	9805	010		002	02	05	81	8	14	2	8	5	3											
19	20	9795	010		502	04	05	81	8	02	2	8	5	5											
19	23	9786	004		508	09	03	83	8	01	2	2	5	3	7	0				05	16	210	0000	014	002
20	02	9772	500		513	10	03	83	2	02	1	0	0	9	7	1									
20	05	9763	502		515	11	04	83	4	03	1	0	0	9	3	5		2	1						
20	08	9774	001		514	05	05	83	3	02	1	0	0	9	3	5			1						
20	11	9792	004	003	507	03	14	83	5	03	1	1	5	3	7	2		3	1						
20	14	9807	002		512	04	15	83	4	02	1	1	5	3	0	2									
20	17	9822	501		513	03	10	83	3	02	1	1	5	3	0	2									
20	20	9838	504		517	08	04	83	2	02	1	1	5	3	0	2									
20	23	9848	505		521	07	15	83	1	02	1	1	5	3	0	0				05	28	154	0000	004	508
21	02	9856	509		523	07	01	83	1	02	1	1	5	3	0	0									
21	05	9860	510		523	11	01	83	0	02	0	0	0	9	0	0									
21	08	9862	509		521	11	03	83	0	02	0	0	0	9	0	0									
21	11	9863	506	507	522	00	00	83	2	03	0	2	5	3	0	0	1								
21	14	9870	506		518	29	03	83	3	03	1	3	5	3	0	0									
21	17	9876	506		518	00	00	83	1	01	1	1	5	3	0	0									
21	20	9876	511		522	08	02	83	1	02	1	1	5	3	0	0									
21	23	9876	513		525	12	05	83	0	01	1	0	0	9	0	0				09	14	211	0000	505	515
22	02	9882	515		527	10	01	83	0	02	0	0	0	9	0	0									
22	05	9883	515		527	10	02	83	0	02	0	0	0	9	0	0									
22	08	9877	511		524	08	05	83	0	02	0	0	0	9	0	0									
22	11	9872	509	510	520	00	00	83	0	02	0	0	0	9	0	0									
22	14	9865	503		516	20	07	83	0	02	0	0	0	9	0	0									
22	17	9854	501		515	06	04	83	0	02	0	0	0	9	0	0									
22	20	9846	505		517	00	00	83	0	02	0	0	0	9	0	0									
22	23	9835	507		518	00	00	83	0	02	0	0	0	9	0	0				03	17	099	0000	000	517
23	02	9820	505		516	08	06	83	2	03	0	0	0	9	5	0									
23	05	9799	503		514	06	14	83	3	03	1	0	0	9	5	0									
23	08	9787	002		509	07	10	83	5	03	1	2	5	7	5	0	1	2							
23	11	9772	007	005	506	05	18	82	5	02	1	3	5	3	5	0	1	2							
23	14	9763	003		502	00	00	40	8	15	2	6	6	4											
23	17	9747	007		502	05	13	81	7	02	2	6	5	3	5										
23	20	9737	008		502	04	17	81	7	02	2	7	5	3											
23	23	9717	011		001	05	31	24	8	36	2	8	5	3						05	51	146	0000	011	507
24	02	9725	011		002	05	33	24	8	36	3	8	6	4											
24	05	9730	011		000	05	33	56	8	36	3	8	6	4			1								
24	08	9753	013		502	06	27	81	8	14	2	7	6	4	7		1								
24	11	9772	014	011	503	07	25	81	7	02	2	5	5	3	7		1								
24	14	9782	013		504	07	18	82	8	02	2	2	5	3	7	7	1								
24	17	9786	011		506	08	12	82	8	02	2	1	5	3	7	7	1	2	1						
24	20	9782	006		510	08	14	82	4	01	2	0	0	9	0	2									
24	23	9781	005		511	09	06	82	1	01	1	1	5	3	0	0				05	52	395	0000	014	003
25	02	9782	004		511	09	13	82	3	03	1	3	5	6	0	0									
25	05	9778	002		509	11	04	82	5	03	1	5	5	6	0	0	1								
25	08	9781	011		503	08	07	82	6	02	2	5	5	6	3	0	1								
25	11	9780	017		001	05	18	82	3	01	2	0	0	4	3	0		1							
25	14	9782	016		003	08	08	82	7	03	1	6	5	6	3										
25	17	9792	017	015	006	07	12	82	7	02	2	7	5	6											
25	20	9800	015		002	06	24	82	5	01	2	5	5	6	0	0									
25	23	9818	013		502	07	17	82	2	01	1	2	5	6	0	0				06	40	398	0000	016	001
26	02	9838	010		503	09	14	82	5	03	1	5	5	6	0	0									
26	05	9851	011		503	09	14	82	5	02	1	4	5	6	3	0	1	1							
26	08	9866	010		504	11	15	83	4	02	1	1	5	6	5	0	1	1							
26	11	9876	013		501	10	14	82	6	02	2	3	5	6	5	0	1	1							
26	14	9882	015		000	07	17	83	5	02	2	1	5	6	5	0									
26	17	9887	013		501	10	10	83	6	02	2	0	0	9	5	0									
26	20	9891	011		504	08	14	83	5	01	2	0	0	9	3	0									
26	23	9890	011		503	08	12	83	1	01	1	1	5	6	0	0				07	28	384	0000	016	008
27	02	9892	011		501	08	15	83	5	03	1	5	5	6	0	0									
27	05	9892	013		000	07	17	82	7	14	2	6	5	6	3		1								
27	08	9895	012		502	10	10	82	7	14	2	6	5	6	5		1								
27	11	9891	014	011	501	13	07	83	4	01	2	0	0	9	3	2		2	1						
27	14	9882	014		004	25	02	83	6	03	1	0	0	9	5	2									
27	17	9874	015		001	00	00	83	3	01	1	0	0	9	5	2									
27	20	9867	011		504	08	01	83	3	02	1	0	0	9	3	2									
27	23	9862	006		507	00	00	83	0	01	1	0	0	9	0	0				05	31	317	0000	015	006

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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	9858	008		503	07	08	83	1	02	0	0	0	9	0	2									
28	05	9858	010		000	00	00	82	7	03	1	7	6	5			1								
28	08	9857	014		002	04	08	82	6	14	2	5	5	6	0	2									
28	11	9853	015		004	00	00	82	7	14	2	7	5	5			2								
28	14	9842	020		006	07	10	82	7	14	2	4	5	5	7										
28	17	9830	019		007	07	09	83	6	01	2	3	5	6	7										
28	20	9830	015		005	10	05	83	6	02	2	2	5	6	7	2									
28	23	9836	016		008	11	06	81	7	70	2	7	5	5						05	23	123	0000	020	005
29	02	9829	017		007	00	00	81	6	02	2	4	5	5	3	2									
29	05	9813	017		007	10	14	82	4	01	2	3	5	5	3	2	1								
29	08	9790	020		007	11	03	82	7	03	1	5	5	5	3	3	1								
29	11	9762	025	021	010	11	05	82	5	02	1	1	5	5	3	5	1	2	2						
29	14	9770	023		021	02	08	24	8	71	2	8	6	4											
29	17	9771	023		020	00	00	81	7	02	7	5	5	5	3										
29	20	9768	016		008	10	09	82	2	01	2	2	5	5	0	0									
29	23	9765	010		002	00	00	83	0	01	1	0	0	9	0	0				03	16	152	0000	028	006
30	02	9763	008		001	00	00	82	3	03	0	2	5	6	0	5									
30	05	9770	010		005	00	00	82	3	02	1	1	5	5	3	5	2	5	5						
30	08	9775	009		003	12	03	83	2	02	1	1	0	9	0	8									
30	11	9797	019	017	008	02	05	82	4	02	1	1	5	6	3	8	1	6	6						
30	14	9809	022		015	02	15	81	5	03	1	2	5	5	3	8									
30	17	9817	021		013	03	10	82	6	02	1	6	5	6	0	8									
30	20	9823	016		007	04	07	82	5	02	1	3	5	6	3	2									
30	23	9819	018		008	04	10	83	2	01	1	0	0	9	0	2				04	29	084	0000	023	004

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LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND												DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
													LOW CLOUD												
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	9809	015		009	03	10	83	3	03	1	0	0	9	7	2									
01	05	9790	018		006	00	00	83	7	03	1	0	0	9	7			2							
01	08	9759	021		005	09	10	83	8	02	2	0	0	9	7										
01	11	9727	023	019	009	09	17	81	8	14	7	8	6	4											
01	14	9676	025		011	07	27	81	8	14	7	8	6	4											
01	17	9626	026		013	06	33	81	8	14	2	8	6	4											
01	20	9579	023		018	05	44	82	7	36	3	5	5	5	7										
01	23	9597	026		021	04	33	82	7	14	5	7	5	5						05	66	248	0000	026	014
02	02	9634	023		022	04	15	40	8	15	3	8	5	5											
02	05	9660	025		018	04	27	56	6	36	3	2	5	5	7	2	1								
02	08	9680	027		023	04	33	16	7	36	3	7	5	5			1								
02	11	9694	030		020	04	35	81	6	01	3	2	5	5	7	2	1	1							
02	14	9714	029		018	04	26	81	6	02	2	3	5	5	7	2									
02	17	9716	027		015	05	20	82	8	02	2	3	5	5	7										
02	20	9720	025		012	06	15	82	8	02	2	3	5	5	1										
02	23	9714	022		006	07	20	83	8	02	2	2	5	5	0	7				04	48	700	0000	030	021
03	02	9708	021		009	01	02	82	8	02	2	5	5	5	2										
03	05	9745	020		019	04	18	24	8	70	3	8	6	4											
03	08	9800	021		018	04	17	40	8	15	7	8	6	4											
03	11	9835	025	023	017	04	12	80	7	14	2	5	5	6	5		1								
03	14	9858	026		017	03	12	81	6	01	2	2	5	6	3	5									
03	17	9871	025		021	04	20	56	7	22	2	5	5	5	7										
03	20	9892	024		019	04	18	81	6	02	7	3	5	5	7	2									
03	23	9920	022		021	09	04	08	8	75	7	8	6	4						04	34	498	0001	028	018
04	02	9942	022		017	04	18	56	8	14	2	8	5	5											
04	05	9955	022		013	05	15	80	8	14	2	5	6	5	1		1								
04	08	9973	021		011	11	06	81	7	14	2	5	5	5	7										
04	11	9983	024	020	009	10	05	82	8	02	2	0	0	9	7	7		1	4						
04	14	9976	024		009	00	00	83	3	01	2	0	0	9	0	8									
04	17	9969	018		008	08	03	83	2	02	1	0	0	9	0	8									
04	20	9958	014		003	11	08	83	1	02	1	0	0	9	0	8									
04	23	9948	010		501	11	09	83	0	01	1	0	0	9	0	0				04	34	348	0001	027	004
05	02	9941	007		504	11	12	83	0	02	0	0	0	9	0	0									
05	05	9936	007		505	10	15	83	0	02	0	0	0	9	0	0									
05	08	9933	011		504	11	10	83	0	02	0	0	0	9	0	0									
05	11	9922	016		502	10	16	83	0	02	0	0	0	9	0	0									
05	14	9907	019		501	11	15	83	0	02	0	0	0	9	0	0									
05	17	9898	015		504	09	15	83	0	02	0	0	0	9	0	0									
05	20	9902	009		508	10	14	83	0	02	0	0	0	9	0	0									
05	23	9902	003		511	10	09	83	0	02	0	0	0	9	0	0				10	33	198	0000	020	002
06	02	9914	000		512	12	07	83	0	02	0	0	0	9	0	0									
06	05	9937	001		511	11	09	83	0	02	0	0	0	9	0	0									
06	08	9945	006		506	11	07	83	1	03	0	0	0	9	3	0									
06	11	9949	012	009	505	13	05	83	3	03	1	0	0	9	3	0		4							
06	14	9955	011		000	25	04	83	6	03	1	6	5	3	0	0									
06	17	9955	013		000	18	01	83	1	01	2	1	5	8	0	0									
06	20	9952	006		505	12	03	83	0	02	0	0	0	9	0	0									
06	23	9952	003		508	10	06	83	0	02	0	0	0	9	0	0				11	17	281	0000	014	501
07	02	9947	000		510	10	06	83	0	02	0	0	0	9	0	0									
07	05	9943	501		513	10	07	83	0	02	0	0	0	9	0	0									
07	08	9934	004		510	10	03	83	0	02	0	0	0	9	0	0									
07	11	9921	005		508	29	04	83	0	02	0	0	0	9	0	0									
07	14	9909	006		509	00	00	83	0	02	0	0	0	9	0	0									
07	17	9894	008		505	36	01	83	0	02	0	0	0	9	0	0									
07	20	9883	004		508	04	07	83	0	02	0	0	0	9	0	0									
07	23	9870	001		512	10	10	83	0	02	0	0	0	9	0	0				09	14	137	0000	009	502
08	02	9864	000		512	11	03	83	1	03	0	0	0	9	0	5									
08	05	9846	501		512	11	02	83	1	02	1	0	0	9	0	8									
08	08	9817	005		509	00	00	83	1	02	1	0	0	9	0	8									
08	11	9793	005		507	00	00	83	1	02	1	0	0	9	0	8									
08	14	9764	010		503	01	03	83	1	02	1	0	0	9	0	8									
08	17	9737	010		503	04	10	83	0	02	0	0	0	9	0	0									
08	20	9721	009		506	04	17	83	0	02	0	0	0	9	0	0									
08	23	9709	005		507	13	10	83	2	03	0	2	5	7	0	0				07	34	124	0000	011	502
09	02	9704	006		505	13	07	83	5	03	1	5	5	7	0	0									
09	05	9703	007		504	13	07	83	6	02	2	6	5	7	0	0	1								
09	08	9700	012		501	13	06	83	7	02	2	6	5	6	5		1								
09	11	9694	016	014	006	15	04	83	7	14	2	6	5	6	5		1								
09	14	9688	019		008	00	00	83	7	02	2	6	5	6	5										
09	17	9685	019		016	00	00	56	7	15	7	7	6	4											
09	20	9681	017		012	14	01	10	8	14	2	8	6	4											
09	23	9679	018		017	08	05	08	8	71	7	8	6	4						04	13	176	0000	020	005

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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	9680	019		018	04	20	24	8	36	7	6	6	4	7										
10	05	9690	020		016	04	15	80	8	36	3	5	5	3	7		1								
10	08	9688	021		018	04	24	80	8	36	3	5	5	3	7		1								
10	11	9698	023		018	03	15	83	7	02	2	1	8	3	7		1	1	1						
10	14	9712	024	023	018	02	07	83	7	02	2	1	8	3	7	2									
10	17	9726	025		018	05	07	83	8	02	2	4	5	3	7										
10	20	9741	023		016	05	10	80	8	14	2	5	6	3	7										
10	23	9755	023		016	04	07	82	7	01	2	6	5	3	7					04	33	220	0003	025	018
11	02	9768	023		021	04	08	56	8	14	2	8	6	4											
11	05	9789	023		017	04	11	81	4	01	2	2	5	3	4	0	1	1							
11	08	9805	025		016	05	24	81	7	03	2	3	5	3	5		1	1							
11	11	9821	027		020	05	17	82	7	02	2	1	5	3	7	8	1	1	1						
11	14	9834	029		021	03	18	82	7	02	2	2	5	3	7	8	1	1	1						
11	17	9851	026		023	01	06	82	6	02	2	2	5	3	7	2									
11	20	9858	025		017	04	12	82	6	02	2	3	5	3	7	2									
11	23	9862	024		012	03	02	82	7	02	2	3	5	3	7	2				04	43	341	0000	029	022
12	02	9870	020		007	12	12	83	5	01	2	1	5	3	7	2									
12	05	9864	020		006	10	08	83	3	02	2	0	0	3	4	2		2	2						
12	08	9858	026		009	11	01	83	2	02	2	0	0	3	4	2			2						
12	11	9857	030		011	06	17	83	1	02	2	0	0	3	4	2									
12	14	9857	031		013	03	08	83	2	02	2	0	0	3	4	2									
12	17	9858	029		013	04	05	83	1	03	2	0	0	3	4	5									
12	20	9858	024		009	08	03	83	2	03	2	0	0	3	0	5									
12	23	9860	021		008	08	07	83	3	02	1	0	0	3	0	5				05	23	338	0000	032	014
13	02	9858	017		005	10	05	83	3	02	1	0	0	3	0	5									
13	05	9848	018		006	10	06	83	5	03	1	0	0	3	4	2									
13	08	9835	025		007	11	04	83	6	02	2	0	0	3	0	2		1	1						
13	11	9820	026		009	03	10	83	6	02	2	0	0	3	4	2			1						
13	14	9804	024		014	36	10	83	8	02	2	0	0	3	4	7									
13	17	9796	024		011	09	07	83	8	02	2	0	0	3	4	7									
13	20	9793	022		006	08	04	83	6	02	2	0	0	3	0	2									
13	23	9791	020		004	09	07	83	6	02	2	0	0	3	0	2				04	30	191	0000	028	015
14	02	9784	018		002	00	00	83	6	02	2	0	0	3	5	2									
14	05	9778	017		002	08	07	83	7	02	2	0	0	3	5	2		2	2						
14	08	9774	021		005	06	10	83	5	02	2	0	0	3	5	2			2						
14	11	9768	025	020	007	05	17	83	3	01	2	0	0	3	5	2		2	2						
14	14	9764	025		007	04	20	83	3	02	2	0	0	3	5	2									
14	17	9759	023		005	05	14	83	2	02	2	0	0	3	5	2									
14	20	9762	017		002	04	10	83	2	02	2	0	0	3	3	2									
14	23	9762	016		000	05	05	83	2	02	2	0	0	3	3	2				05	31	226	0000	025	015
15	02	9765	014		501	05	14	83	5	03	1	0	0	3	3	2									
15	05	9772	013		001	00	08	83	6	02	2	0	0	3	3	2									
15	08	9776	017		501	05	18	83	5	02	2	0	0	3	3	2	1	2	1						
15	11	9783	018		004	03	14	83	7	02	2	0	0	3	3	2		2	1						
15	14	9793	016		004	36	04	83	7	02	2	0	0	3	3	2	1								
15	17	9800	015		004	00	00	83	7	02	2	0	0	3	3	2									
15	20	9808	012		005	00	00	83	7	01	2	0	0	3	3	2									
15	23	9815	009		501	08	06	83	4	01	2	0	0	3	3	2				05	34	282	0000	019	007
16	02	9828	008		505	07	10	83	2	02	1	0	0	3	3	2									
16	05	9839	008		507	07	07	83	2	02	1	0	0	3	3	2									
16	08	9848	012		505	04	10	83	2	02	1	0	0	3	3	2		1	6						
16	11	9849	012	010	503	35	04	83	1	02	1	0	0	3	3	2		1							
16	14	9853	012		502	00	00	83	1	02	1	0	0	3	3	2			7						
16	17	9847	015		001	18	04	83	1	02	1	0	0	3	3	1									
16	20	9844	012		002	18	05	83	0	02	1	0	0	3	3	1									
16	23	9845	007		503	06	05	83	0	02	1	0	0	3	3	0				03	17	151	0000	015	005
17	02	9851	006		506	00	00	83	0	02	0	0	0	3	0	0									
17	05	9858	003		509	00	00	83	0	02	0	0	0	3	0	0									
17	08	9863	007		508	02	07	83	0	02	0	0	0	3	0	0									
17	11	9868	009		505	03	15	83	0	02	0	0	0	3	0	0									
17	14	9874	008		503	35	08	83	0	02	0	0	0	3	0	0									
17	17	9880	009		506	04	09	83	0	02	0	0	0	3	0	0									
17	20	9883	006		505	04	01	83	0	02	0	0	0	3	0	0									
17	23	9888	004		509	05	07	83	0	02	0	0	0	3	0	0				03	20	109	0000	010	002
18	02	9903	003		509	07	07	83	1	03	1	5	6	3	0	5	1								
18	05	9907	003		509	05	04	83	2	02	1	5	6	3	0	5									
18	08	9904	008		506	03	17	83	3	02	1	5	6	3	0	5									
18	11	9900	010		503	03	16	83	3	03	1	5	6	3	0	5			6						
18	14	9893	010		503	02	10	83	3	02	1	5	6	3	0	5			6						
18	17	9875	010		502	00	00	83	3	02	1	5	6	3	0	6									
18	20	9850	008		502	00	00	83	3	03	1	5	6	3	0	7									
18	23	9832	006		505	00	00	83	8	02	2	0	0	3	0	7				03	24	196	0000	011	001

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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	9803	011		503	00	00	82	8	02	2	8	5	0											
19	05	9758	019		000	07	18	81	8	14	2	8	6	4											
19	08	9720	022		009	04	36	40	8	36	3	8	6	4											
19	11	9689	025		017	05	47	24	8	36	3	8	5	5											
19	14	9698	028		019	05	46	24	8	36	3	8	5	4											
19	17	9691	030		022	05	43	80	8	02	3	8	6	4											
19	20	9675	029		023	06	40	80	8	02	3	3	5	5	2										
19	23	9686	028		022	06	41	80	3	02	2	4	5	3	2					05	77	265	0000	030	008
20	02	9677	025		022	06	41	56	8	15	2	5	5	3	7										
20	05	9705	025		022	06	39	24	8	16	7	6	6	4	7										
20	08	9692	025		021	05	39	24	8	16	7	5	6	4	0	7									
20	11	9678	022		018	05	51	01	5	36	3	3	6	4	7	0									
20	14	9744	023		016	05	40	40	3	36	3	2	6	4	0	2									
20	17	9769	023		014	06	43	56	3	36	3	3	6	4	0	0									
20	20	9781	021		015	05	39	56	7	02	3	3	6	4	7										
20	23	9790	023		013	06	29	80	8	02	2	2	5	5	7	8				06	77	336	0000	027	021
21	02	9767	024		018	05	34	60	8	02	2	5	5	3	1										
21	05	9751	024		016	06	37	80	8	02	2	6	6	4	1										
21	08	9709	027		018	05	41	60	8	02	2	4	5	3	0	7									
21	11	9711	026		019	05	46	24	8	36	3	4	5	5	7										
21	14	9759	023		018	04	35	56	7	22	3	6	6	4	7										
21	17	9778	022		017	04	28	80	8	02	2	6	5	3	0	7									
21	20	9787	021		015	04	21	60	8	02	2	5	5	5	7										
21	23	9783	020		020	03	16	60	8	02	2	4	5	5	0	7				05	77	303	0000	029	020
22	02	9787	020		020	04	20	24	8	16	7	8	6	4											
22	05	9792	021		018	04	23	16	8	16	3	8	6	4											
22	08	9793	021		017	04	25	24	8	15	3	8	6	4											
22	11	9799	022		014	04	27	56	8	14	2	5	6	4	1										
22	14	9802	021		016	03	22	64	8	14	2	7	6	4	1										
22	17	9803	020		014	03	15	80	8	14	2	5	6	4	1										
22	20	9801	018		013	04	13	08	8	22	7	8	6	3											
22	23	9795	016		012	08	03	81	8	02	7	3	5	5	7	8				04	44	655	0000	023	015
23	02	9793	015		004	06	07	63	7	02	2	0	0	9	0	8			1						
23	05	9790	012		001	00	00	83	5	01	2	0	0	9	0	8			1						
23	08	9792	016		001	03	15	83	3	01	1	0	0	9	0	2			2						
23	11	9785	017		007	04	21	83	3	02	1	0	0	9	0	2									
23	14	9784	018		007	03	21	83	3	02	1	1	5	5	0	2									
23	17	9782	016		008	03	09	83	3	02	1	1	5	5	0	2									
23	20	9785	014		002	04	03	83	2	02	1	0	0	9	0	2									
23	23	9782	010		502	08	15	83	0	01	1	0	0	9	0	0				04	38	348	0001	020	004
24	02	9782	006		505	09	13	83	0	02	0	0	0	9	0	0									
24	05	9777	003		506	12	08	83	0	02	0	0	0	9	0	0									
24	08	9776	008		505	06	10	83	0	02	0	0	0	9	0	0	1								
24	11	9773	010		504	04	20	83	1	02	0	1	5	5	0	0									
24	14	9780	009		502	04	15	83	3	03	0	3	5	5	0	0									
24	17	9788	010		502	04	09	83	1	01	1	1	5	5	0	0									
24	20	9799	008		504	06	01	83	1	02	1	1	5	5	0	0									
24	23	9805	003		508	08	06	83	0	01	1	0	0	9	0	0				04	33	348	0000	011	002
25	02	9822	001		508	10	01	83	0	02	0	0	0	9	0	0									
25	05	9839	002		507	10	10	83	0	02	0	0	0	9	0	0									
25	08	9849	005		505	00	00	83	0	02	0	0	0	9	0	0									
25	11	9860	009	007	509	35	03	83	0	02	0	0	0	9	0	0									
25	14	9870	011		506	28	06	83	0	02	0	0	0	9	0	0									
25	17	9872	013		502	23	05	83	0	02	0	0	0	9	0	0									
25	20	9876	011		502	18	05	83	0	02	0	0	0	9	0	0									
25	23	9880	005		506	14	05	83	0	02	0	0	0	9	0	0				10	13	217	0000	014	001
26	02	9885	002		505	19	04	83	0	02	0	0	0	9	0	0									
26	05	9884	002		501	05	06	83	0	02	0	0	0	9	0	0									
26	08	9884	004		000	08	04	83	0	02	0	0	0	9	0	0									
26	11	9876	006		502	31	06	83	4	03	0	1	5	3	3	0	8	6							
26	14	9871	007		001	29	05	83	2	01	1	1	5	3	3	0									
26	17	9861	006		502	25	01	83	1	02	1	1	5	5	3	0									
26	20	9852	005		501	00	00	63	1	02	1	0	0	9	3	0				32	10	103	0000	007	001
26	23	9854	003		503	04	04	63	1	02	1	0	0	9	3	0									
27	02	9851	001		506	05	01	83	1	02	1	0	0	9	3	0									
27	05	9850	003		509	06	06	83	1	03	1	0	0	9	3	5		7	6						
27	08	9835	005		507	26	01	83	3	03	1	0	0	9	3	6		7	6						
27	11	9819	012	010	502	21	08	82	7	03	1	5	6	3	3		1								
27	14	9806	015		003	18	10	81	8	14	2	6	6	4	7										
27	17	9785	018		014	18	04	24	8	16	7	8	6	4											
27	20	9777	023		014	07	08	40	8	22	7	8	6	4											
27	23	9758	023		015	06	21	40	8	36	7	8	6	4						05	46	103	0000	023	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	9742	023		016	04	34	24	8	36	7	8	6	4											
28	05	9768	023		016	04	31	40	8	15	7	7	6	4	2										
28	08	9796	023		017	04	31	24	8	22	7	8	6	4											
28	11	9803	025		017	04	32	56	8	14	2	8	6	4											
28	14	9814	025		019	04	25	80	8	14	2	8	5	3											
28	17	9818	023		022	03	21	56	8	14	7	5	5	3											
28	20	9822	022		021	04	05	24	8	16	7	8	6	4	1										
28	23	9818	021		020	04	07	24	8	71	7	8	6	4						05	58	465	0001	027	021
29	02	9811	021		021	05	08	00	9	71	7	9													
29	05	9802	021		021	18	05	00	9	71	7	9													
29	08	9788	023		022	05	20	00	9	36	7	9													
29	11	9774	023		023	04	28	00	9	36	7	9													
29	14	9756	022		022	04	33	00	9	36	3	9													
29	17	9758	023		023	04	35	01	7	36	3	7	5	3											
29	20	9767	023		021	04	24	24	6	36	3	4	5	3	7	0									
29	23	9778	024		018	04	21	80	7	02	3	7	5	3						04	54	417	0008	025	021
30	02	9768	025		013	06	30	56	7	36	3	6	6	4	3										
30	05	9746	024		015	06	32	40	7	36	3	5	5	3	3										
30	08	9757	024		017	04	35	40	8	36	3	8	5	3											
30	11	9803	024		024	04	40	00	9	37	7	9													
30	14	9852	024		024	04	20	01	9	36	7	9													
30	17	9865	025		019	04	21	80	8	14	7	6	5	3	7										
30	20	9878	023		021	04	20	80	8	22	7	8	5	3											
30	23	9885	023		019	04	20	80	8	02	2	8	5	3						05	58	689	0006	025	022
31	02	9885	022		019	03	10	80	8	02	2	5	5	3	7										
31	05	9884	023		016	20	08	81	8	14	2	5	5	3	7		1								
31	08	9872	026		018	17	06	82	7	01	2	4	5	3	7										
31	11	9849	030		015	30	01	83	5	01	2	1	5	3	7		4	9							
31	14	9836	028		019	33	04	83	1	02	1	0	0	3	3	0									
31	17	9820	026		019	30	03	83	1	02	1	0	0	3	3	0									
31	20	9808	023		021	00	00	83	0	02	0	0	0	3	0	0									
31	23	9805	018		010	04	03	83	0	02	0	0	0	3	0	0				04	29	412	0001	032	016

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	9812	014		006	06	04	83	0	02	0	0	0	9	0	0									
01	05	9818	016		006	00	00	83	0	02	0	0	0	9	0	0									
01	08	9819	021		010	03	14	83	1	03	0	0	0	9	0	5									
01	11	9828	025		012	02	16	83	1	02	0	0	0	9	0	1			6						
01	14	9840	026		015	01	10	83	1	02	1	0	0	9	0	1									
01	17	9847	025		013	03	06	83	1	02	1	0	0	9	0	1									
01	20	9856	024		013	04	01	83	1	02	1	0	0	9	0	1									
01	23	9867	018		007	09	02	83	0	02	1	0	0	9	0	0				03	23	121	0000	027	013
02	02	9879	016		006	10	02	83	1	02	1	0	0	9	0	1									
02	05	9893	015		005	00	00	83	1	02	1	0	0	9	0	1									
02	08	9900	016		006	00	00	83	1	02	1	0	0	9	0	3			6						
02	11	9907	022		008	35	08	83	3	03	1	0	0	9	0	5		6							
02	14	9910	023		011	36	06	83	1	01	1	0	0	9	3	3									
02	17	9906	023		012	00	00	83	1	02	1	0	0	9	3	1									
02	20	9904	015		015	23	05	82	1	02	1	1	5	5	3	1									
02	23	9901	015		013	25	08	81	1	40	4	1	5	5	0	0				36	14	138	0000	024	012
03	02	9898	010		008	21	08	81	8	15	2	8	5	5											
03	05	9895	014		011	00	00	81	8	22	2	8	5	5											
03	08	9891	015		009	36	01	81	7	15	2	7	5	5											
03	11	9883	017		010	29	02	82	3	01	2	3	5	5	0	0	1								
03	14	9873	017		012	23	09	82	2	02	1	2	5	5	0	0									
03	17	9861	014		010	23	11	82	1	01	1	1	5	5	0	0									
03	20	9844	012		009	23	11	82	5	03	1	5	5	5	0	0									
03	23	9836	010		009	22	10	82	7	03	2	4	5	5	7					23	16	123	0000	018	008
04	02	9826	009		007	23	06	01	7	48	2	7	6	0											
04	05	9824	007		006	00	00	01	7	44	2	7	6	0											
04	08	9820	007		005	00	00	82	7	11	2	1	6	0	0	0									
04	11	9820	011		009	28	04	83	1	02	2	0	0	9	0	0									
04	14	9824	013		007	24	03	83	0	02	2	0	0	9	0	0									
04	17	9820	014		009	24	05	83	0	02	2	0	0	9	0	0									
04	20	9826	011		008	23	01	83	1	03	1	0	0	9	0	1									
04	23	9834	007		006	00	00	83	0	01	1	0	0	9	0	0				23	12	181	0000	014	005
05	02	9850	010		002	06	06	83	0	02	0	0	0	9	0	0									
05	05	9864	013		502	05	07	83	1	03	0	0	0	9	0	0									
05	08	9877	015		501	03	08	83	1	02	1	0	0	9	0	1		7							
05	11	9891	019		002	03	08	83	2	03	1	0	0	9	0	5		7	7						
05	14	9904	020		004	02	13	83	2	02	1	0	0	9	0	5									
05	17	9912	020		005	02	09	83	6	03	1	1	0	9	0	6									
05	20	9924	018	016	009	02	11	83	7	02	2	0	0	9	9	2									
05	23	9937	016		011	04	11	83	7	02	2	0	0	9	9	2				03	18	115	0000	021	007
06	02	9945	017		008	05	03	82	8	14	2	3	6	6	7										
06	05	9946	019		010	05	03	82	8	14	2	5	6	6	7		1								
06	08	9952	021		013	00	00	81	8	14	2	5	6	6	7		1								
06	11	9949	023		017	22	03	40	8	71	7	8	6	6	6		1								
06	14	9945	022		019	19	06	16	8	71	7	8	6	6	4										
06	17	9934	023		021	00	00	24	8	77	7	8	6	6	4										
06	20	9922	022		021	18	03	80	7	02	7	5	6	6	5	0	2								
06	23	9905	021		018	00	00	82	7	02	2	3	6	5	0	8				07	12	161	0000	024	015
07	02	9897	020		008	07	06	83	3	01	2	2	0	0	9	3	1								
07	05	9887	020		007	12	01	83	1	02	1	1	0	0	9	3	1		4	6					
07	08	9878	020		005	00	00	83	1	02	1	1	0	0	9	3	1		4	6					
07	11	9871	022		009	30	04	83	1	02	1	1	0	0	9	3	1		4	6					
07	14	9863	021		010	24	03	83	1	02	1	1	0	0	9	0	1								
07	17	9848	025		010	21	10	83	1	02	1	1	0	0	9	0	1								
07	20	9840	023	020	010	16	07	83	0	02	0	0	0	0	9	0	0								
07	23	9838	019		003	10	08	83	0	02	0	0	0	0	9	0	0				08	19	105	0001	025	018
08	02	9840	016		000	12	04	83	0	02	0	0	0	0	9	0	0								
08	05	9840	017		000	12	05	83	0	02	0	0	0	0	9	0	0								
08	08	9842	022		503	06	20	83	0	02	0	0	0	0	9	0	0								
08	11	9845	023		003	04	17	83	0	02	0	0	0	0	9	0	0								
08	14	9851	022		008	01	09	83	0	02	0	0	0	0	9	0	0								
08	17	9864	020		007	23	04	83	0	02	0	0	0	0	9	0	0								
08	20	9873	019	016	007	00	00	83	0	02	0	0	0	0	9	0	0								
08	23	9893	017		002	07	12	83	0	02	0	0	0	0	9	0	0				05	37	161	0000	024	014
09	02	9909	015		007	07	20	83	1	03	0	1	2	0	9	3	0								
09	05	9923	016		004	03	15	83	2	03	0	5	5	0	9	3	0		3						
09	08	9928	024		005	06	15	83	5	03	0	5	5	0	9	3	0		3						
09	11	9932	026		005	04	17	83	5	02	0	5	5	0	9	3	0		2						
09	14	9930	028		006	05	17	83	0	01	0	0	0	0	9	0	0								
09	17	9928	026		011	35	03	83	0	02	0	0	0	0	9	0	0								
09	20	9929	025		011	05	10	83	3	03	1	2	5	5	7	3	0								
09	23	9933	025		013	08	04	83	7	03	1	7	5	5	6						06	33	231	0000	029	014

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	9934	025		014	04	12	83	7	02	2	5	5	3	5	0	1								
10	05	9931	026		014	04	16	83	7	02	2	5	5	3	5	0	1								
10	08	9932	028		011	05	15	83	7	02	2	5	5	3	5	0	1								
10	11	9931	027		014	36	09	83	7	02	2	3	5	3	5	0									
10	14	9923	026		013	23	07	83	3	01	2	4	0	6	3	0									
10	17	9913	027		014	21	10	83	1	02	2	3	0	9	3	0									
10	20	9912	026		014	15	04	83	1	02	2	1	0	9	3	0									
10	23	9917	022		012	00	00	83	0	01	1	0	0	9	0	0				05	27	265	0000	030	020
11	02	9922	019		009	10	01	83	2	03	0	2	5	6	0	0	1								
11	05	9922	022		012	07	05	83	7	03	1	5	5	6	3		1								
11	08	9926	028	025	017	03	10	83	7	02	2	7	5	6	7		1								
11	11	9926	027		021	36	05	83	7	02	2	5	5	6	7										
11	14	9928	029		021	36	07	83	7	02	2	4	5	6	7										
11	17	9930	027		022	01	09	83	7	02	2	4	5	6	7										
11	20	9934	028		019	04	09	83	7	02	2	5	5	6	7										
11	23	9940	026		019	04	04	83	8	02	2	5	5	6	7					04	16	143	0000	029	019
12	02	9941	026		017	06	14	82	8	14	2	5	5	6	7		1								
12	05	9945	026		015	05	19	82	8	14	2	5	5	6	7		1								
12	08	9949	026		012	05	17	82	8	14	2	5	5	6	7		1								
12	11	9954	025		011	04	20	83	8	14	2	5	5	6	7										
12	14	9955	024		014	05	18	81	8	15	2	5	5	6	7										
12	17	9961	024		011	04	18	80	8	15	2	5	5	6	7										
12	20	9960	023		008	04	12	82	8	02	2	5	5	6	7										
12	23	9959	022		012	02	09	82	8	02	2	5	5	6	7					05	33	223	0000	026	021
13	02	9964	021		011	03	09	82	8	02	2	3	5	6	7		1								
13	05	9965	021		012	03	10	82	8	14	2	5	5	6	7		1								
13	08	9964	022		012	03	09	82	8	14	2	5	5	6	7		1								
13	11	9957	023		011	01	12	82	8	02	2	4	5	5	7		1								
13	14	9949	023		013	35	05	82	7	01	2	3	5	5	7		1	8							
13	17	9944	023	019	008	35	04	83	7	02	2	3	5	5	7										
13	20	9930	021		011	00	00	83	7	02	2	3	5	5	7										
13	23	9920	022		015	20	08	83	7	02	2	3	5	5	7					01	18	294	0000	024	020
14	02	9918	021		010	04	10	83	7	02	2	7	9	9	5	0									
14	05	9916	020		006	03	10	83	7	02	2	7	9	9	5	0									
14	08	9905	020		006	01	10	83	6	01	2	6	9	9	5	0		2							
14	11	9890	021		008	35	10	83	2	01	2	2	9	9	5	0									
14	14	9883	021		008	26	08	83	1	02	2	1	9	9	5	0		8							
14	17	9875	021		007	25	07	83	1	02	2	1	9	9	5	0									
14	20	9862	022		010	20	10	83	3	03	1	3	9	9	5	0									
14	23	9854	019		010	20	09	83	6	03	1	6	9	9	5	0				36	24	162	0000	024	017
15	02	9853	014		009	04	10	82	7	14	2	3	5	6	7	0	1								
15	05	9855	015		005	03	14	82	7	14	2	4	5	6	7	0	1								
15	08	9851	016		007	35	12	82	7	14	2	5	5	6	7	0	1								
15	11	9852	018		009	35	10	82	7	02	2	5	5	7	7	0									
15	14	9855	020		010	36	05	83	5	01	2	4	5	6	7	0									
15	17	9862	020		011	35	02	83	5	02	2	2	5	5	7	0									
15	20	9869	018		011	03	03	83	3	02	1	3	5	5	7	0									
15	23	9876	017		010	04	04	83	3	02	1	3	5	5	7	0				03	20	206	0000	021	013
16	02	9885	014		008	04	09	83	2	02	1	1	5	8	3	1									
16	05	9892	016		009	05	07	83	2	02	1	1	5	8	3	1									
16	08	9899	018		012	33	06	83	1	02	1	1	5	9	3	1									
16	11	9908	021		015	31	07	83	2	02	1	1	5	9	3	1									
16	14	9914	022		016	29	08	83	4	03	1	1	5	9	3	1									
16	17	9916	022		015	25	07	83	3	02	1	2	5	9	3	1									
16	20	9917	021		016	22	10	83	3	02	1	1	5	9	3	1									
16	23	9919	019		015	20	09	83	3	02	1	1	5	9	3	0	5	6	7	23	15	114	0000	023	013
17	02	9916	018		018	22	10	82	7	02	2	3	5	6	7	0									
17	05	9915	019		014	21	13	82	7	02	2	5	5	6	7	0									
17	08	9906	021		015	22	14	82	7	02	2	5	5	6	7	0									
17	11	9905	021		016	24	18	82	7	02	2	5	5	6	7	0									
17	14	9897	023	021	015	23	21	83	7	02	2	5	5	6	7	0									
17	17	9895	021		017	24	15	83	7	01	2	5	5	6	7	0									
17	20	9893	017		015	24	13	83	7	02	2	5	5	6	7	0									
17	23	9887	012		012	26	08	83	7	02	1	5	5	5	7	0				23	24	203	0000	023	012
18	02	9886	013		013	00	00	82	6	03	1	5	5	5	3	0	5								
18	05	9884	013		013	00	00	82	7	15	2	5	5	5	3	0	5								
18	08	9884	013		013	25	07	83	7	02	2	5	5	5	3	0	5								
18	11	9887	015		013	25	09	83	5	01	2	5	5	5	3	0									
18	14	9890	015		013	24	08	83	1	02	2	5	5	5	3	0									
18	17	9898	016		014	24	08	83	1	02	2	5	5	5	3	0									
18	20	9910	015		013	23	10	83	3	02	2	5	5	5	3	0									
18	23	9926	015		014	24	09	83	7	03	1	5	5	5	4	0				25	13	235	0000	016	012

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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_w	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	9931	013		012	20	07	82	3	01	21	3	5	5	0	0									
19	05	9938	013		012	00	00	82	1	40	11	1	6	03	0	0									
19	08	9943	015		013	29	03	83	1	02	11	0	6	39	0	0									
19	11	9945	017		014	29	03	83	1	02	11	0	0	39	0	2			6						
19	14	9948	019		012	24	03	83	1	02	11	0	0	39	0	0			6						
19	17	9946	021		012	00	00	83	1	02	11	0	0	39	3	0									
19	20	9936	022	020	013	35	01	83	1	02	11	0	0	39	3	0									
19	23	9930	014		009	04	05	83	0	01	11	0	0	39	0	0				28	09	158	0000	023	012
20	02	9930	015		013	25	04	82	5	03	12	5	5	4											
20	05	9928	015		012	29	06	82	7	02	22	7	5	4	0	0									
20	08	9930	014		012	29	07	81	7	15	22	5	5	5											
20	11	9936	017		009	31	04	83	5	01	21	3	5	5	0	0									
20	14	9941	015		011	27	04	83	3	02	11	1	5	5	0	0									
20	17	9947	017		012	26	04	83	1	02	11	1	5	5	0	0									
20	20	9952	018	017	014	00	00	83	1	02	11	1	5	5	0	0				27	11	114	0000	019	012
20	23	9963	013		012	22	01	83	1	02	11	1	5	5	0	0									
21	02	9969	012		007	18	01	83	0	02	11	0	5	5	0	0									
21	05	9977	015		004	14	02	83	3	03	11	3	5	5	0	0	5								
21	08	9987	016		013	23	08	83	1	02	11	1	5	5	0	0		6							
21	11	9997	018		014	24	11	83	1	02	11	1	5	5	0	0		6							
21	14	0010	019		012	23	15	83	1	02	11	1	5	5	0	0		6							
21	17	0018	020		015	22	16	83	2	03	11	1	5	5	0	0		6	6						
21	20	0021	018		013	22	14	83	2	03	11	1	5	5	0	0		6	6						
21	23	0028	015		009	23	10	83	2	02	11	0	5	5	0	0				23	22	133	0000	021	011
22	02	0024	013		010	22	05	83	1	02	11	0	5	5	0	0									
22	05	0018	013		013	22	07	83	1	02	11	0	5	5	0	0									
22	08	0007	017		013	21	10	83	1	02	11	0	5	5	0	0									
22	11	9997	019		014	23	13	83	1	02	11	0	5	5	0	0			5						
22	14	9980	022		016	23	10	83	1	02	11	0	5	5	0	0			5						
22	17	9959	024		017	22	10	83	2	02	11	0	5	5	0	0									
22	20	9924	023	023	022	23	03	83	2	03	11	0	5	5	0	0									
22	23	9883	019		017	22	11	83	1	01	11	0	5	5	0	0				23	17	287	0000	025	011
23	02	9843	015		010	23	04	83	1	02	11	0	5	5	0	1									
23	05	9834	018		000	11	15	83	1	02	11	0	5	5	0	1									
23	08	9842	021		000	10	21	83	1	02	11	0	5	5	0	1									
23	11	9840	026		000	07	15	83	1	02	11	0	5	5	0	1			5						
23	14	9840	025		008	36	03	83	2	03	11	0	5	5	0	1			5						
23	17	9841	026		003	07	17	83	2	03	11	1	5	5	0	1									
23	20	9851	023		001	06	21	83	2	03	11	1	5	5	0	1									
23	23	9859	019		503	07	26	83	1	01	11	1	5	5	0	0				07	42	307	0000	028	015
24	02	9863	017		503	07	27	83	3	03	11	1	5	5	3	0									
24	05	9863	018		501	07	28	83	5	02	11	1	5	5	3	0	1								
24	08	9867	024		002	06	27	83	3	03	11	1	5	5	3	0		2							
24	11	9871	028	022	006	06	24	83	5	01	21	1	5	5	3	0		2							
24	14	9878	028		005	05	22	83	3	02	11	1	5	5	3	0									
24	17	9877	027		006	06	18	83	3	02	11	1	5	5	3	0									
24	20	9880	025		005	06	20	83	4	02	11	1	5	5	3	0									
24	23	9879	022		003	07	18	83	4	02	11	1	5	5	3	1				06	43	479	0000	031	015
25	02	9882	021		005	07	20	82	7	03	12	3	5	5	7	0									
25	05	9881	023		007	06	21	82	7	14	22	5	5	5	7	0	1								
25	08	9879	025		008	06	24	82	7	14	22	5	5	5	7	0	1								
25	11	9878	030		012	05	24	82	7	14	22	5	5	5	7	0	1	1							
25	14	9883	032		012	05	23	82	6	02	22	5	5	5	7	0		1							
25	17	9882	030		010	06	22	83	7	02	22	5	5	5	7	0									
25	20	9882	028		010	05	15	82	8	14	22	5	5	5	7	0									
25	23	9885	025		008	07	13	83	8	02	22	3	5	5	7	0				05	43	1534	0000	033	021
26	02	9884	024		006	06	18	83	7	02	22	1	5	5	7	0									
26	05	9882	025		005	06	17	83	7	02	22	1	5	5	7	0		1							
26	08	9880	028		006	04	17	83	6	02	22	1	5	5	7	0		1							
26	11	9879	028	024	013	03	17	82	5	14	22	1	5	5	7	1	1	1							
26	14	9881	028		012	03	21	82	6	14	22	2	5	5	7	1		1							
26	17	9888	028		013	04	21	82	7	14	22	2	5	5	7	1									
26	20	9897	027		015	05	15	82	8	14	22	2	5	5	7	1									
26	23	9917	025		012	05	14	82	8	14	22	2	5	5	7	1				04	34	474	0000	030	023
27	02	9928	025		012	04	12	82	8	14	22	2	5	5	8	1									
27	05	9939	025		010	07	08	82	8	14	22	2	5	5	8	1									
27	08	9943	028		009	04	07	82	8	14	22	2	5	5	8	1									
27	11	9938	027		011	02	19	83	8	02	22	2	5	5	8	2	2	1	1						
27	14	9938	029		014	02	14	83	7	02	22	2	5	5	9	2									
27	17	9935	027		015	36	01	83	7	02	22	2	5	5	9	2									
27	20	9921	026		015	19	12	83	7	01	22	2	5	5	7	2									
27	23	9913	023		013	11	02	83	4	02	21	1	5	4	0	2				02	27	380	0000	030	022

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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	9913	021		010	05	04	83	5	02	1	0	0	9	0	2									
28	05	9911	022		007	05	07	83	3	02	1	1	8	3	0	1	2		2						
28	08	9908	024		008	02	10	83	1	01	1	1	5	3	0	0									
28	11	9904	026	021	008	36	07	83	0	02	0	0	0	4	0	0									
28	14	9900	026		011	36	07	83	0	02	0	0	0	9	0	0									
28	17	9896	025		012	27	01	83	1	03	0	1	5	7	0	0									
28	20	9886	025		013	21	07	83	0	02	0	0	0	4	0	0									
28	23	9880	023		014	18	02	83	0	02	0	0	0	4	0	0				03	17	232	0000	027	020
29	02	9883	019		010	05	05	83	0	02	0	0	0	4	0	0									
29	05	9886	020		007	04	11	83	0	02	0	0	0	4	0	0									
29	08	9886	024		009	03	15	83	1	02	1	1	1	5	3	0									
29	11	9888	025		009	02	11	83	1	02	1	1	0	4	3	1									
29	14	9886	025		011	02	18	83	1	02	1	1	0	9	3	5									
29	17	9882	026		013	04	11	83	3	03	1	1	5	5	3	1									
29	20	9881	025		012	03	09	83	3	02	1	1	5	5	0	2									
29	23	9878	023		011	07	06	83	6	03	1	4	0	4	5	2				03	28	219	0000	027	018
30	02	9873	022		007	08	04	83	3	02	1	2	0	9	3	2									
30	05	9861	024		006	05	07	83	2	02	1	1	0	9	3	1		2	6						
30	08	9849	026		009	03	10	83	2	02	1	1	0	9	3	1									
30	11	9841	028		014	02	05	83	3	03	1	1	0	9	3	5		1	7						
30	14	9830	028		015	35	04	83	3	02	1	1	0	9	3	2									
30	17	9819	032		013	04	10	82	3	02	1	1	0	9	3	2									
30	20	9818	029		011	05	15	83	3	02	1	1	0	9	3	2									
30	23	9829	025		011	05	02	83	4	02	1	1	0	9	3	2				05	29	276	0000	033	021

Results of Surface Observations,
DAVIS — Dec., 1957

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	9838	024		005	07	13	83	3	02	1	0	0	9	3	2			6						
01	05	9853	025		006	06	15	83	3	02	1	0	0	9	0	2			6						
01	08	9866	029		008	05	15	83	3	02	1	0	0	9	3	2									
01	11	9874	030		012	02	09	83	6	03	1	0	0	9	3	2									
01	14	9878	030	025	016	35	07	83	7	02	2	4	5	6	3	2	1								
01	17	9888	028		016	21	05	83	6	02	2	5	5	6	3	2	1	2	6						
01	20	9897	029		019	23	01	83	6	03	2	4	5	6	3	1				06	25	303	0000	031	023
01	23	9907	030		019	07	03	83	7	03	2	6	5	6	3										
02	02	9915	029		019	06	03	83	8	02	2	3	5	7	3										
02	05	9917	031		018	09	01	83	8	02	2	3	5	7	3										
02	08	9918	031		019	35	05	83	8	02	2	2	5	7	3		1	8							
02	11	9915	033		016	36	05	83	8	02	2	1	5	7	3		1	8							
02	14	9908	030		018	27	04	83	8	02	2	1	5	7	3		1	8							
02	17	9896	029		021	25	05	83	8	14	2	3	5	8	3										
02	20	9877	029		026	22	05	83	9	02	2	5	5	8	3										
02	23	9856	028		026	23	02	83	6	01	2	1	5	8	3	0				02	14	157	0000	034	027
03	02	9840	025		018	00	00	83	7	02	2	7	0	9	3										
03	05	9831	025		015	03	07	83	5	01	2	5	0	9	3										
03	08	9820	028		015	01	09	83	5	02	1	3	0	9	3			7							
03	11	9810	030		017	35	01	83	3	01	2	3	0	9	3			7							
03	14	9812	031		017	36	10	83	3	02	1	3	0	9	3			7							
03	17	9814	029		017	00	00	83	5	03	1	5	0	9	3										
03	20	9820	028		019	02	09	83	5	02	1	1	0	9	3	0									
03	23	9835	027		020	04	09	83	8	03	1	1	5	6	3	0				35	15	156	0000	031	024
04	02	9857	025		018	04	14	82	8	02	2	3	5	5	7										
04	05	9874	027		019	04	15	82	8	15	2	5	5	5	7		1								
04	08	9887	029		021	04	23	81	8	15	2	5	5	4	7										
04	11	9901	031		021	03	17	80	8	15	2	8	5	5	7										
04	14	9916	031		021	04	22	81	8	02	2	5	5	4	7										
04	17	9915	032		019	04	21	81	8	02	2	5	5	5	7										
04	20	9910	030		022	05	14	81	8	15	2	6	6	4	7										
04	23	9915	028		020	04	21	81	8	02	2	8	6	4	7					05	41	262	0000	033	025
05	02	9911	028		019	04	17	81	8	14	2	8	6	4	7										
05	05	9903	029		016	04	24	81	7	02	2	3	6	5	7		1	1							
05	08	9891	031		015	05	28	81	7	02	2	2	6	5	7										
05	11	9888	034		019	04	24	81	7	15	2	7	6	5	7										
05	14	9885	034		022	01	09	82	7	01	2	5	6	5	7										
05	17	9878	031		025	27	02	83	6	01	2	4	5	6	7										
05	20	9871	029		026	35	03	83	5	02	2	1	5	6	7	2									
05	23	9872	027		023	00	00	83	1	01	1	1	5	6	7	0				06	41	499	0000	036	027
06	02	9872	027		014	09	08	83	4	03	1	1	5	6	3	0									
06	05	9874	027		013	00	00	83	5	02	1	2	5	6	3	0	1	2							
06	08	9875	033		019	05	11	83	5	02	1	1	5	6	3	0	1	2							
06	11	9882	033		018	01	11	83	4	02	1	4	5	0	3	0									
06	14	9885	034		020	33	06	83	1	01	1	1	0	9	3	0		2							
06	17	9888	033		022	35	07	83	1	02	1	1	0	9	3	0		2							
06	20	9896	031		022	36	04	83	1	02	1	1	0	9	3	0				05	31	241	0000	035	027
06	23	9912	029		014	04	08	83	0	01	1	1	0	9	3	0									
07	02	9922	027		012	06	07	83	1	02	1	1	0	9	3	0									
07	05	9934	029		009	06	06	83	1	02	1	1	0	9	3	0									
07	08	9940	031		011	04	10	83	2	02	1	1	0	9	3	0		2							
07	11	9941	032		017	35	10	83	3	03	1	2	5	7	3	0	1	2							
07	14	9938	036		017	03	17	83	3	02	1	2	5	7	3	0		2							
07	17	9940	031		021	22	07	83	4	03	1	3	5	7	3	0									
07	20	9941	033		020	02	05	83	5	02	1	2	0	9	3	0				04	34	217	0000	038	027
07	23	9941	031		016	07	08	83	2	01	1	2	0	9	3	0									
08	02	9941	029		012	09	03	83	3	02	1	1	5	7	3	0									
08	05	9944	030		013	09	03	83	6	03	1	3	5	6	3	0	2								
08	08	9941	035		014	04	15	83	7	02	2	3	5	6	3		2								
08	11	9940	034	029	021	01	06	83	7	02	2	3	5	7	3	0	2								
08	14	9933	031		023	25	06	83	6	02	2	2	5	7	3	0									
08	17	9921	031		026	25	05	83	3	01	2	2	5	7	3	0									
08	20	9915	032		024	35	02	83	7	03	1	2	5	7	3					05	26	237	0000	035	027
08	23	9908	031		022	00	00	83	7	02	2	7	0	9	3										
09	02	9902	032		021	08	01	83	5	01	2	5	0	9	3	0									
09	05	9891	029		011	10	09	83	2	01	1	2	0	9	3	0									
09	08	9882	032		017	02	10	83	4	03	1	4	0	9	3	0		2							
09	11	9880	031		019	01	07	83	7	02	2	5	5	7	3	0	1	2							
09	14	9877	032		022	35	05	83	5	01	2	2	5	7	3	0									
09	17	9872	030		024	24	07	83	7	03	2	4	5	6	3										
09	20	9870	029		025	23	05	83	7	02	2	3	5	6	3					05	23	156	0000	034	027
09	23	9874	030		024	18	04	83	7	02	2	3	5	6	3										

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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	9878	031		023	04	07	83	8	02	22	2	55	77	33			1							
10	05	9887	030		024	03	10	83	8	02	22	3	56	77	33			1							
10	08	9899	031		024	02	10	83	8	02	22	5	56	77	33			1							
10	11	9904	035	029	021	04	10	82	8	14	22	6	55	77	33			1							
10	14	9903	034		024	34	07	83	8	01	22	2	58	75	33			1							
10	17	9901	032		027	24	01	83	5	01	22	2	55	74	33			1							
10	20	9894	033		027	19	07	83	3	01	21	1	55	74	33			1							
10	23	9889	031		027	00	00	83	2	00	21	1	55	74	33			1							
11	02	9899	029		019	04	10	83	3	03	11	0	55	74	33	2		1	1	03	20	190	0000	037	029
11	05	9906	030		016	04	09	83	4	02	11	0	55	74	33	2		1	1						
11	08	9910	031		021	36	07	83	5	02	11	0	55	74	33	2		1	1						
11	11	9915	033		022	35	05	83	7	03	11	0	55	74	33	2		1	1						
11	14	9919	035		025	01	06	83	7	02	12	0	55	74	33	2		1	1						
11	17	9926	034		027	36	08	83	7	02	12	0	55	74	33	2		1	1						
11	20	9930	030		029	24	02	82	8	02	22	2	55	74	33	2		1	1						
11	23	9932	030		030	00	00	83	8	02	22	2	55	74	33	2		1	1						
12	02	9937	033		022	06	08	83	8	02	22	5	55	76	77	1		1	1	05	17	184	0000	037	027
12	05	9943	033		020	05	06	83	8	02	22	3	55	76	77	1		1	1						
12	08	9947	034		020	03	14	83	8	02	22	1	55	76	77	1		1	1						
12	11	9950	033	029	021	02	08	83	8	02	22	1	55	76	77	1		1	1						
12	14	9955	033		022	36	05	83	8	02	22	1	55	76	77	1		1	1						
12	17	9955	034		022	35	02	83	8	02	22	1	55	76	77	1		1	1						
12	20	9959	032		021	00	00	83	8	02	22	1	55	76	77	1		1	1						
12	23	9963	029		023	00	00	83	8	02	22	1	55	76	77	1		1	1						
13	02	9968	031		016	06	06	83	7	02	21	1	55	77	33	1		1	1	04	20	172	0000	035	029
13	05	9978	030		014	06	14	83	5	01	21	1	55	77	33	1		1	1						
13	08	9984	033		014	05	17	83	3	02	21	1	55	77	33	1		1	1						
13	11	9996	035		017	03	19	83	4	02	21	1	55	77	33	1		1	1						
13	14	0009	036		020	35	16	83	5	02	21	1	55	77	33	1		1	1						
13	17	0012	035		024	26	05	83	8	02	21	1	55	77	33	1		1	1						
13	20	0019	031		028	16	03	83	8	03	21	1	55	77	33	1		1	1						
13	23	0017	034		025			83	8	03	21	1	55	77	33	1		1	1						
14	02	0018	032		017	11	06	83	7	02	32	5	56	75	00	1		1		03	31	196	0000	037	030
14	05	0010	033		019	00	00	83	7	02	32	6	56	75	00	1		1							
14	08	0004	031		031	16	07	83	9	02	32	6	56	75	00	1		1							
14	11	9995	031		029	00	00	83	8	02	32	6	56	75	00	1		1							
14	14	9994	034		029	35	04	83	8	02	32	6	56	75	00	1		1							
14	17	9993	033		030	22	04	83	8	02	32	6	56	75	00	1		1							
14	20	9995	033		028	00	00	83	8	02	32	6	56	75	00	1		1							
14	23	0006	030		024	36	03	82	6	01	32	4	56	75	00	1		1							
15	02	0017	029		025	00	00	88	8	02	00	0	00	99	00	7		1	1	09	13	197	0001	036	030
15	05	0033	028		024	00	00	88	8	02	00	0	00	99	00	7		1	1						
15	08	0047	035		016	35	04	88	8	02	00	0	00	99	00	7		1	1						
15	11	0060	038		021	04	10	88	8	02	00	0	00	99	00	7		1	1						
15	14	0072	041		023	35	13	88	8	02	00	0	00	99	00	7		1	1						
15	17	0080	036		028	02	06	88	8	02	00	0	00	99	00	7		1	1						
15	20	0091	035	033	029	00	07	88	8	02	00	0	00	99	00	7		1	1						
15	23	0091	032		027	00	00	88	7	02	00	0	00	99	00	7		1	1						
16	02	0089	031		027	01	03	88	8	02	00	5	00	44	33	7		2	2	04	31	082	0013	043	028
16	05	0082	031		036	00	00	88	8	02	00	3	00	44	33	7		2	2						
16	08	0070	034		025	00	00	88	8	02	00	3	00	44	33	7		2	2						
16	11	0061	035		025	29	03	88	8	02	00	3	00	44	33	7		2	2						
16	14	0051	036		024	26	02	88	8	02	00	3	00	44	33	7		2	2						
16	17	0038	035		023	22	07	88	8	02	00	3	00	44	33	7		2	2						
16	20	0023	034		024	23	05	88	8	02	00	3	00	44	33	7		2	2						
16	23	0016	036		020	04	09	88	8	02	00	3	00	44	33	7		2	2						
17	02	0020	030		023	04	13	54	1	01	32	5	55	99	03	8	1	2	1	04	15	153	0000	039	030
17	05	0020	031		020	04	08	54	2	02	32	5	55	99	03	1	1	2	1						
17	08	0016	032		021	01	07	54	1	02	32	5	55	99	03	1	1	2	1						
17	11	0010	034		024	35	06	54	1	02	32	5	55	99	03	1	1	2	1						
17	14	0001	031		025	25	06	54	1	02	32	5	55	99	03	1	1	2	1						
17	17	9978	031		024	22	12	54	1	02	32	5	55	99	03	1	1	2	1						
17	20	9954	032		024	21	16	54	1	02	32	5	55	99	03	1	1	2	1						
17	23	9933	029		025	22	13	54	0	02	32	5	55	99	03	1	1	2	1						
18	02	9916	027		021	22	06	11	1	40	11	6	66	00	00	1		1		21	20	166	0000	035	029
18	05	9907	027		020	00	00	13	1	40	11	6	66	00	00	1		1							
18	08	9908	031		025	36	04	15	3	40	11	6	65	00	00	1		1							
18	11	9913	029		026	28	04	15	5	40	11	6	65	00	00	1		1							
18	14	9919	029		024	27	04	15	4	40	11	6	65	00	00	1		1							
18	17	9927	029		023	29	03	15	2	40	11	6	65	00	00	1		1							
18	20	9939	029		024	01	03	15	2	40	11	6	65	00	00	1		1							
18	23	9954	028		024	32	03	15	1	40	11	6	65	00	00	1		1		22	15	217	0000	032	025

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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	9968	028		024	29	02	83	8	02	22	8	5	3	1	7		1							
19	05	9988	028		024	00	00	83	8	02	22	3	5	5	7	0	1								
19	08	9979	031		026	22	07	83	8	02	22	1	5	5	3	0			2						
19	11	9971	033		027	23	09	83	5	01	21	5	5	9	3	0		1							
19	14	9982	042		025	03	21	83	3	01	11	1	5	6	3	0									
19	17	0000	037		030	03	16	83	7	03	11	3	5	6	7	0									
19	20	0021	035		031	03	17	83	8	02	22	5	5	5	7	0									
19	23	0032	034		031	03	13	83	8	02	22	7	5	5	7	0				04	33	110	0000	044	028
20	02	0042	033		031	03	14	83	8	02	22	5	5	5	7	0									
20	05	0046	034		029	03	10	82	8	14	22	6	5	6	7	0	1								
20	08	0046	035		030	03	09	82	8	14	22	6	5	6	7	0	1								
20	11	0041	037		029	02	09	82	8	02	22	6	5	5	7	0	1								
20	14	0036	039		028	36	04	82	8	02	22	3	5	5	7	0									
20	17	0026	036		028	36	02	82	8	02	22	6	5	0	7	0									
20	20	0012	034		029	22	01	83	6	01	22	1	5	0	9	0									
20	23	9997	033		028	20	04	83	1	01	22	1	5	0	9	0				04	21	317	0000	039	032
21	02	9987	033		020	04	03	83	1	02	11	1	0	0	9	1									
21	05	9977	032		023	00	00	83	1	02	11	1	0	0	9	1									
21	08	9964	035		019	36	08	83	2	02	11	1	0	0	9	1		1							
21	11	9960	036		022	36	10	83	2	02	11	1	0	0	9	1			1						
21	14	9963	037		023	02	16	83	6	03	12	2	0	0	9	1			1						
21	17	9967	036		022	02	11	83	2	01	12	3	0	0	9	1									
21	20	9976	036		024	03	06	83	3	02	11	2	0	0	9	1									
21	23	9977	035		021	03	06	83	2	02	11	2	0	0	9	0				03	24	116	0000	039	030
22	02	9984	034		021	07	07	83	8	03	12	2	5	5	7	1									
22	05	9991	033		022	08	01	83	8	14	22	3	5	5	7	1									
22	08	9997	035		020	04	05	83	8	14	22	3	5	5	7	1									
22	11	0002	037	031	022	04	06	83	8	14	22	2	5	5	7	1									
22	14	0011	036		027	01	08	81	8	70	22	2	5	5	7	1									
22	17	0013	035		024	02	05	82	7	02	22	1	5	5	7	1									
22	20	0018	035		026	36	02	83	7	02	22	2	5	5	7	1									
22	23	0019	036		018	06	03	83	6	01	22	6	5	9	7	1				03	17	233	0000	039	033
23	02	0014	034		017	11	07	83	4	02	11	3	0	9	3	1									
23	05	0008	033		018	03	05	83	3	02	11	2	0	9	3	1		1							
23	08	0003	034		021	36	05	83	3	02	11	2	0	9	3	1		1	8						
23	11	9993	035		023	01	10	83	7	02	11	2	0	9	3	1	1		8						
23	14	9988	037		025	35	08	83	7	02	22	6	0	9	3	1			8						
23	17	9982	037		023	01	07	83	7	02	22	6	0	9	3	1									
23	20	9976	035		024	02	05	83	7	02	22	5	0	9	3	2									
23	23	9979	035		026	03	05	83	7	02	22	5	0	9	3	2				04	20	148	0000	039	032
24	02	9984	033		025	03	06	83	8	14	22	3	6	6	7	1									
24	05	9990	033		024	06	10	82	8	14	22	5	6	6	7	1									
24	08	9989	032		027	36	05	82	8	14	22	4	6	6	7	1									
24	11	9992	032	029	023	35	05	82	8	14	22	3	6	6	7	1									
24	14	9997	032		023	36	05	83	7	14	22	3	6	6	7	1									
24	17	9994	033		023	28	01	83	7	02	22	4	5	6	7	1									
24	20	9987	033		028	21	06	83	6	01	22	4	5	9	3	1									
24	23	9989	034		028	00	00	83	4	01	22	2	0	9	3	1				06	20	204	0000	034	031
25	02	0000	030		018	05	07	83	3	02	11	2	0	9	3	1									
25	05	0011	030		019	04	15	83	3	02	11	1	5	5	3	1	1								
25	08	0016	032		018	04	12	83	3	02	11	1	5	5	3	1	1		8						
25	11	0018	034		018	02	12	83	4	03	11	1	5	5	3	1	1		8						
25	14	0025	034		021	35	10	83	3	02	11	1	5	5	3	1									
25	17	0028	031		020	35	08	83	5	03	11	1	5	5	0	1									
25	20	0033	032		020	36	05	83	6	02	11	1	5	5	0	1									
25	23	0042	030		021	00	00	83	6	02	22	3	0	9	3	1				04	21	161	0000	036	029
26	02	0045	030		016	03	04	83	7	02	22	1	5	5	3	1									
26	05	0047	030		017	03	06	83	7	02	22	2	5	5	3	2	1								
26	08	0040	031		016	02	06	83	7	02	22	2	5	5	3	2	1								
26	11	0037	031		019	36	08	83	7	02	22	2	5	5	3	2		2							
26	14	0032	033		021	01	10	83	7	02	22	2	5	5	3	2									
26	17	0017	033		021	02	09	83	6	02	22	2	5	5	3	2									
26	20	0002	031		020	03	10	83	6	02	22	2	5	5	3	2									
26	23	9983	030		015	05	10	83	7	03	22	1	6	5	3	2				06	27	183	0000	034	028
27	02	9953	030		016	06	20	83	7	02	22	3	5	5	3	2									
27	05	9923	031		013	08	17	83	6	02	22	2	5	5	3	2									
27	08	9887	031		014	05	14	83	7	02	22	1	5	5	3	2									
27	11	9838	035	029	019	09	19	82	8	14	22	1	5	5	3	2									
27	14	9800	035		019	07	35	81	8	14	22	3	5	6	7	2									
27	17	9765	034		020	07	38	81	8	14	22	5	5	6	7	2									
27	20	9753	032		021	05	44	56	8	22	22	5	5	6	7	2									
27	23	9782	031		022	05	32	81	4	01	22	4	5	6	0	0				05	69	341	0000	036	030

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	9802	032		021	05	32	82	7	03	1	3	5	7	7										
28	05	9814	033		020	05	33	82	7	02	2	2	5	7	7	1	1								
28	08	9825	034		020	06	31	82	7	02	2	3	5	7	7		1								
28	11	9826	036	031	021	05	21	82	7	14	2	2	6	4	7		1								
28	14	9825	036		022	05	16	82	7	14	2	3	6	4	7										
28	17	9813	036		022	05	15	82	7	14	2	3	6	4	7										
28	20	9806	032		025	32	03	83	7	02	2	5	5	5	7										
28	23	9788	031		025	19	06	83	6	01	2	1	0	9	7	6				06	50	818	0000	037	030
29	02	9779	031		017	09	04	83	5	02	1	5	0	9	7	1									
29	05	9771	033		014	07	10	83	5	02	1	2	5	7	7	0	1								
29	08	9759	034		015	06	17	83	7	02	2	3	5	7	7	1	1								
29	11	9751	037	030	017	05	12	83	6	02	2	3	5	7	3	1	1	2	2						
29	14	9737	036		021	26	03	83	6	02	2	4	8	7	3	1									
29	17	9749	036		023	03	07	82	7	15	2	7	5	5											
29	20	9770	031		027	03	07	80	8	15	7	8	5	5											
29	23	9785	032		023	04	12	81	7	15	7	5	5	5	3					06	26	312	0000	039	029
30	02	9797	031		015	05	17	82	6	02	2	5	5	5	3	0									
30	05	9806	032		014	05	12	83	5	02	1	3	5	6	3	0	1	2							
30	08	9809	034		015	04	14	83	3	01	2	1	5	6	3	0		2							
30	11	9810	037		017	35	05	83	1	02	1	1	0	9	3	0		2							
30	14	9815	035		017	35	08	83	1	02	1	1	0	9	3	0									
30	17	9817	036		018	25	03	83	2	02	1	1	5	7	3	0	1								
30	20	9816	033		020	21	07	83	2	02	1	0	0	9	0	1									
30	23	9816	033		021	16	02	83	3	03	1	0	0	9	0	1				05	24	301	0001	039	030
31	02	9817	031		014	09	04	83	1	01	1	0	0	9	0	1									
31	05	9821	029		019	02	02	83	0	02	0	0	0	9	0	0									
31	08	9824	031		017	01	10	83	0	02	0	0	0	9	0	0									
31	11	9825	032		019	35	12	83	1	02	0	0	0	9	0	1									
31	14	9832	035		021	35	06	83	1	02	0	0	0	9	0	0									
31	17	9839	035		024	23	06	83	0	02	0	0	0	9	0	0									
31	20	9842	034		025	23	03	83	0	02	0	0	0	9	0	0									
31	23	9854	032		021	02	02	83	0	02	0	0	0	9	0	0				01	17	169	0000	037	027

Results of Surface Observations,
MACQUARIE — Jan., 1957

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	9834	45	43	41	14	14	81	8	05	2	3	1	4			3								
01	04	9842	44	43	41	14	12	81	7	50	2	7	5	4			3								
01	07	9855	45	44	42	14	18	81	5	03	2	5	5	4	3		3								
01	10	9869	46	46	46	13	13	40	3	50	2	8	5	4			3								
01	13	9890	48	46	44	13	13	48	3	15	2	8	5	4			3								
01	16	9912	46	46	46	13	14	06	8	51	2	7	5	4			2								
01	19	9934	46	45	44	14	13	20	8	21	2	6	5	4	8		2								
01	22	9960	46	45	44	17	09	40	7	05	2	6	5	4	6		2			16	24	490	0001	49	43
02	01	9972	46	45	44	14	07	40	6	05	2	6	5	4			2								
02	04	9990	45	45	44	16	03	40	8	05	2	4	4	3		8	4								
02	07	0009	47	46	45	00	00	40	7	05	2	5	5	5	2	3	2								
02	10	0016	50	48	46	09	02	40	6	60	2	3	5	5	5		2								
02	13	0024	49	47	46	36	06	24	8	60	6	7	5	5	8		2								
02	16	0027	47	47	47	34	04	06	7	51	5	6	7	5			8								
02	19	0032	47	46	45	35	04	40	7	05	2	6	5	5											
02	22	0034	45	44	43	36	02	40	5	05	1	1	6	4	1	4	8			02	12	227	0003	51	44
03	01	0024	46	44	42	01	11	80	7	02	2	0			7										
03	04	0011	47	45	45	01	15	81	7	61	2	1	6	2	7		8								
03	07	0007	46	46	46	36	16	32	8	61	6	1	6	2	8		8								
03	10	9997	47	47	46	36	22	12	8	60	6	6	7	2	8		8								
03	13	9979	48	47	47	36	21	16	8	50	6	6	7	2	8		8								
03	16	9963	48	47	47	36	20	06	8	51	6	8	7	1	8		8								
03	19	9956	47	47	47	01	15	03	8	51	6	8	7	1	8		8								
03	22	9957	47	47	47	35	03	03	8	05	5	8	7	1	8		8			36	40	250	0004	49	45
04	01	9960	47	46	46	22	02	08	8	05	2	6	5	4	8										
04	04	9960	45	44	43	20	01	08	4	05	2	1	7	2	3	4	4								
04	07	9964	46	45	45	16	04	40	3	01	1	1	6	3	3	1	3								
04	10	9965	50	48	46	00	00	81	6	05	1	1	1	5	4	2		8	7						
04	13	9960	50	48	46	00	00	80	8	05	2	7	5	6	3										
04	16	9956	48	47	46	11	05	80	8	05	2	7	6	3			2								
04	19	9956	48	48	47	11	01	01	8	47	2	8	6	0			2								
04	22	9954	46	46	46	33	02	00	8	45	2	8	6	0			8			11	11	273	0011	51	44
05	01	9949	47	47	47	36	05	01	8	43	4	8	6	0			8								
05	04	9947	46	46	46	00	00	00	8	45	4	8	6	0			0								
05	07	9946	47	47	47	00	00	20	7	40	4	3	5	1	7		0	8							
05	10	9948	48	47	47	09	02	40	7	05	2	2	6	2	7		2								
05	13	9948	50	49	48	36	06	24	8	50	2	7	6	2	8		8								
05	16	9953	47	46	45	25	13	08	8	50	2	5	5	5											
05	19	9968	46	45	43	27	11	40	7	01	2	5	5	5	6										
05	22	9982	45	44	43	30	10	80	7	01	1	1	1	4			6			25	22	112	0001	52	44
06	01	9991	45	43	41	30	13	81	7	03	1	7	5	5											
06	04	9999	45	42	38	32	13	81	5	03	2	4	5	5	2										
06	07	0000	46	45	42	35	14	81	7	03	2	6	5	6	3		8								
06	10	9995	46	45	44	36	19	48	8	21	2	6	7	4	8		8	7							
06	13	9982	47	47	47	34	25	08	8	61	6	6	7	2	8		8								
06	16	9989	49	48	48	32	16	80	1	05	2	1	7	3	1		7								
06	19	0005	46	46	46	33	15	40	2	05	0	1	6	3		1	7								
06	22	0023	46	46	45	34	14	20	3	03	1	2	6	2	2		8			34	33	307	0002	49	44
07	01	0027	45	45	45	36	09	20	6	03	1	2	6	2	6		8								
07	04	0008	47	46	46	36	04	08	8	61	6	2	7	2	8		8								
07	07	9996	48	47	45	35	23	32	8	05	6	2	6	3	8		8								
07	10	9997	49	48	47	35	20	56	7	05	2	3	5	6	7		8								
07	13	0000	48	47	47	35	17	20	8	61	6	2	7	2	8		8								
07	16	0005	47	47	47	32	09	20	8	61	6	4	7	2	8		7								
07	19	0011	47	47	47	36	12	12	8	61	6	3	7	2	8		8								
07	22	0011	49	48	48	02	09	20	8	05	6	2	7	4	8		8			34	32	424	0020	49	44
08	01	9998	48	47	47	04	08	20	8	05	2	4	5	4	8										
08	04	9960	47	47	47	11	16	06	8	51	5	6	7	1	8		2								
08	07	9920	49	48	48	10	12	12	8	60	5	6	7	2	8		2								
08	10	9892	49	49	49	11	16	20	8	60	5	6	7	2	8		2								
08	13	9859	50	48	47	02	10	20	8	50	6	6	7	2	8		1								
08	16	9874	48	45	42	35	31	20	8	05	6	5	7	4	8		8								
08	19	9911	47	45	43	35	21	20	7	05	2	2	5	5	2		8								
08	22	9942	47	46	45	35	22	20	6	50	2	6	5	4			8			04	49	420	0033	51	46
09	01	9956	47	46	46	35	18	20	7	50	5	7	5	5			8								
09	04	9971	47	46	45	36	18	32	2	05	1	1	6	3		5	8		8						
09	07	9987	48	47	46	36	13	24	8	05	1	1	6	3	1	8	8		8						
09	10	9995	50	49	47	01	11	80	6	05	1	1	6	3	1	6	8		8						
09	13	9990	52	50	48	01	12	81	6	05	1	1	6	3		6	8		8						
09	16	9987	51	49	48	04	07	81	6	05	1	1	6	3		7	1								
09	19	9989	48	48	48	00	00	64	6	05	1	1	6	2	2	6									
09	22	9980	47	47	47	16	01	20	7	03	1	7	6	2	1		4			36	31	529	0008	52	46

Results of Surface Observations,
MACQUARIE — Jan., 1957

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	9954	47	47	47	14	11	08	8	21	6	8	6	2	8		3								
10	04	9943	47	47	47	10	01	20	8	05	2	8	5	2			2								
10	07	9937	47	46	45	35	02	40	8	05	2	8	5	2			8								
10	10	9925	48	47	47	33	01	64	8	05	2	7	5	2											
10	13	9904	47	47	47	34	15	04	8	50	2	8	5	2											
10	16	9905	46	44	41	31	13	81	7	21	2	7	5	3	2										
10	19	9898	46	45	44	35	11	80	8	50	2	8	5	3											
10	22	9882	47	47	47	34	21	40	8	05	6	2	6	2	4	8	8			31	31	161	0002	49	45
11	01	9871	46	46	46	35	14	48	8	05	2	2	6	2	1	8	8								
11	04	9859	46	46	45	35	16	24	8	05	2	1	6	3	5	8	8								
11	07	9846	46	46	45	01	21	20	8	61	2	2	7	3	8	8									
11	10	9825	47	46	45	01	27	20	8	61	2	3	7	2	8										
11	13	9780	49	47	46	36	22	20	4	01	2	2	6	2											
11	16	9751	45	44	42	33	51	04	8	51	2	6	6	2											
11	19	9725	46	44	41	32	32	24	6	05	2	6	5	5	1										
11	22	9855	46	44	42	32	20	48	6	05	8	6	5	6			7			31	73	472	0007	49	44
12	01	9859	45	43	41	32	21	80	2	25	1	1	6	3			7								
12	04	9862	45	43	41	32	21	80	3	25	1	3	6	3	1		7								
12	07	9872	46	44	41	32	24	81	4	25	1	2	7	4	1	1	7	7							
12	10	9874	46	45	44	31	25	80	2	27	1	2	9	4			7								
12	13	9879	48	44	39	31	29	80	4	15	1	2	9	4		1	7		7						
12	16	9888	48	44	39	31	25	80	5	15	1	2	9	4		1	7		7						
12	19	9902	46	43	39	31	21	80	4	15	1	3	2	4		1	7		7						
12	22	9923	45	42	39	30	22	80	3	15	8	3	2	4			7			31	44	717	0007	48	43
13	01	9938	44	42	39	30	22	80	6	25	8	6	9	4			7								
13	04	9956	45	43	39	30	20	80	6	15	2	4	9	4			7								
13	07	9974	47	45	43	30	13	80	3	15	8	1	9	4			7								
13	10	9970	48	47	45	34	16	81	3	05	2	1	6	3		2	8								
13	13	9948	48	47	45	01	17	40	8	05	2	1	6	3	5	8	8								
13	16	9882	47	46	46	03	14	06	8	61	2	6	7	3	8	1									
13	19	9802	48	48	48	35	27	56	8	21	6	6	6	3	8	8									
13	22	9785	47	47	46	34	20	24	7	05	6	2	6	3	7	8	8			36	50	569	0003	50	43
14	01	9757	47	46	44	34	32	24	3	05	8	2	2	4			8								
14	04	9726	45	45	45	33	41	06	8	61	6	6	7	4	8		8								
14	07	9818	46	44	41	28	39	16	7	05	6	8	7	4			6								
14	10	9845	47	45	42	28	29	56	7	25	5	1	5	4			6								
14	13	9899	49	46	42	29	25	40	5	05	3	1	6	4			6								
14	16	9911	49	46	43	30	20	40	6	05	6	1	6	4	1		6								
14	19	9917	46	45	44	33	11	40	8	50	8	2	2	4			7								
14	22	9915	45	44	43	32	14	40	7	50	2	2	1	4			7			27	56	678	0027	49	43
15	01	9895	45	43	41	34	10	80	7	03	1	7	5	6			7								
15	04	9856	44	44	43	01	14	12	8	51	5	8	5	5			8								
15	07	9819	47	47	47	35	20	16	7	50	5	2	6	2			8								
15	10	9814	48	47	46	34	21	16	8	05	5	2	6	2			8								
15	13	9790	49	47	46	34	16	16	7	05	2	2	6	2			8	7							
15	16	9775	48	47	46	01	14	20	7	05	2	2	6	2	7		8	7							
15	19	9765	46	46	46	35	08	16	8	21	6	5	6	2	4		8								
15	22	9761	45	45	45	36	02	02	8	50	3	3	6	2	8		8			36	38	469	0015	50	44
16	01	9764	45	45	45	18	07	02	8	61	4	2	7	2	8		4								
16	04	9790	47	45	43	18	13	16	8	50	6	4	6	3	8		4								
16	07	9823	45	45	45	18	18	16	8	20	6	2	6	3			4								
16	10	9857	45	43	40	18	24	40	8	50	6	3	6	3			4								
16	13	9896	45	42	39	19	17	80	7	50	5	2	6	3			4								
16	16	9932	44	41	37	20	16	82	6	25	5	3	6	3			4								
16	19	9960	43	40	35	20	07	82	3	15	1	2	6	3			4								
16	22	9975	43	41	38	25	09	81	6	15	1	2	6	3			5			20	39	372	0017	47	41
17	01	9981	41	39	36	26	07	81	2	25	8	2	6	3			5								
17	04	9996	39	38	37	28	19	16	7	81	8	5	6	4			5								
17	07	0000	42	40	37	29	07	81	6	25	8	2	6	4		1	6		6						
17	10	0000	45	44	42	28	12	82	7	15	1	2	6	4		4	6		6						
17	13	9989	47	44	40	32	16	81	8	05	2	2	6	5	7		7								
17	16	9974	45	45	45	34	16	24	8	61	2	2	7	4	8		8								
17	19	9963	46	46	46	31	12	32	8	60	2	2	7	4	8		8								
17	22	9950	46	46	46	32	19	40	8	02	5	2	6	5	8		7			29	39	365	0008	48	38
18	01	9928	46	46	46	28	20	64	8	50	6	2	6	3	8		7								
18	04	9925	45	44	43	32	17	64	7	05	2	3	5	3	2	6	7								
18	07	9918	46	44	42	31	23	81	7	16	8	5	2	4	2		7								
18	10	9915	45	44	42	29	24	80	8	27	8	4	9	4	2	6	8	6	6						
18	13	9933	46	45	44	30	22	80	6	81	8	6	2	4			6								
18	16	9956	46	45	43	28	27	81	7	25	8	2	2	4			6								
18	19	9977	45	45	45	29	25	80	7	25	8	5	2	4			6								
18	22	9991	45	44	43	28	25	80	5	01	1	3	5	6			6			29	41	464	0018	48	42

Results of Surface Observations,
MACQUARIE – JAN., 1957

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	0000	46	45	43	29	20	64	8	03	2	8	5	6			6								
19	04	0003	45	45	43	30	16	80	6	05	1	2	5	6	6		6								
19	07	9992	47	45	44	01	10	24	8	05	2	8	5	5			8								
19	10	9974	47	47	47	35	16	24	8	05	2	8	5	5			8								
19	13	9938	48	48	48	01	17	24	8	60	2	8	7	2	8		8								
19	16	9869	47	47	47	09	09	02	8	53	2	8	7	2	8		2								
19	19	9817	48	48	48	35	19	16	8	10	2	3	6	2	8		8								
19	22	9793	47	47	46	35	17	24	7	05	2	2	6	2	5		8			34	44	544	0003	49	44
20	01	9748	47	46	45	33	25	24	8	05	2	2	6	4	6	8	7								
20	04	9703	45	45	45	31	32	24	8	50	2	5	6	3	8	7									
20	07	9693	45	44	43	29	35	16	8	61	2	5	6	4	8		6								
20	10	9718	45	43	40	28	40	16	8	25	2	5	5	4			6								
20	13	9761	45	41	36	27	41	32	8	25	2	3	2	4			6								
20	16	9793	45	40	33	27	39	32	5	01	2	3	2	4			6								
20	19	9808	43	41	39	28	28	40	7	25	2	4	2	4			6								
20	22	9808	45	41	37	30	26	40	5	01	2	3	2	4			6			27	64	578	0032	47	42
21	01	9761	45	45	44	32	19	24	8	51	5	4	6	3			6								
21	04	9756	46	45	44	30	23	32	7	20	5	2	6	3	4		7								
21	07	9764	45	43	42	30	26	64	6	15	8	5	6	4	3		7								
21	10	9765	46	44	41	29	29	40	7	25	8	6	5	4			7								
21	13	9769	45	42	38	30	31	64	5	25	8	5	8	4	1	2	7								
21	16	9778	45	42	39	29	35	48	5	27	8	4	8	4		2	7								
21	19	9786	45	43	40	30	37	48	8	50	8	3	5	4			6								
21	22	9843	43	40	37	25	11	32	7	20	8	5	8	4			6			29	56	799	0006	48	41
22	01	9898	43	42	41	27	32	32	5	25	8	4	8	4			6								
22	04	9936	44	41	36	26	27	32	6	16	8	5	8	4	2		6								
22	07	9970	43	42	40	26	25	48	4	16	8	4	9	4			6								
22	10	0000	47	44	41	30	26	81	4	15	1	3	1	4	2	3	6								
22	13	0023	48	45	41	30	22	80	2	05	1	2	2	4			6								
22	16	0027	47	45	44	32	20	64	7	05	0	6	1	4	2	1	7	6	6						
22	19	0028	46	45	44	32	21	48	7	05	1	6	2	1	6	3	8	6	6						
22	22	0025	46	45	45	34	24	40	6	05	1	1	5	6	3	4	8	6	6	27	47	726	0005	49	41
23	01	0005	47	46	46	34	25	40	7	05	2	1	6	3	7		8	8							
23	04	9988	47	47	47	35	27	12	8	10	2	2	5	6	5	8	7								
23	07	9966	47	47	47	36	22	06	8	51	2	2	6	6			8								
23	10	9943	49	48	47	35	22	08	8	10	2	2	6	6			8								
23	13	9921	48	47	46	35	20	01	8	51	2	2	6	6			8								
23	16	9894	48	47	47	35	22	01	8	63	6	8	6	6	8		8								
23	19	9860	49	48	47	10	24	02	8	53	6	8	6	6			8								
23	22	9836	48	47	47	36	15	04	8	51	5	8	6	6	8		8			36	35	594	0002	49	45
24	01	9840	45	44	44	27	12	24	8	20	5	8	6	3			6								
24	04	9862	44	44	43	30	03	32	7	50	5	7	5	6			7								
24	07	9882	46	44	42	32	14	81	6	03	1	3	2	4		4	7								
24	10	9893	47	46	44	33	13	80	3	05	1	1	6	3		2	8		8						
24	13	9905	49	47	45	34	13	80	3	05	1	1	2	4		1	8		8						
24	16	9905	48	46	44	35	12	80	2	05	0	1	6	3		1	8		8						
24	19	9915	46	45	43	34	11	80	1	05	0	1	9	4	1	1	7	7	8						
24	22	9920	45	45	44	34	11	80	1	05	0	1	1	4			7			34	22	485	0043	49	43
25	01	9925	45	44	43	32	11	80	1	05	1	1	6	3			7								
25	04	9935	45	44	42	32	11	80	5	15	1	4	9	4	1		7								
25	07	9961	46	44	42	32	14	80	3	15	1	3	2	4			7								
25	10	9975	48	45	42	32	13	80	1	05	1	1	2	4			7								
25	13	9994	49	46	43	32	16	80	1	05	0	1	9	4		1	7								
25	16	0005	48	46	43	33	11	80	1	05	0	1	9	4		1	7								
25	19	0019	46	45	44	34	08	81	3	05	0	1	6	3		1	8		7						
25	22	0024	45	44	44	35	02	12	5	10	1	1	6	3		5	8		7	31	24	328	0000	50	44
26	01	9995	45	44	43	18	08	12	7	10	1	7	6	2			4								
26	04	9951	45	45	44	16	18	08	8	61	6	2	7	2	8		4								
26	07	9911	43	42	40	16	26	08	8	63	6	5	7	3	8		3								
26	10	9905	41	41	41	18	22	16	8	63	6	3	7	3	8		4								
26	13	9952	45	42	38	23	09	80	7	01	6	5	5	6	7		5								
26	16	9980	45	41	36	28	21	80	7	80	8	5	8	4		1	5		7						
26	19	0013	43	39	33	27	21	80	3	15	1	3	2	4			6								
26	22	0023	41	39	36	27	22	56	6	80	1	6	2	5			6			27	46	299	0062	47	39
27	01	0007	42	40	37	28	23	56	7	89	8	7	9	5			6								
27	04	9992	42	40	37	33	22	64	7	15	8	4	8	6	2	3	7								
27	07	9986	43	42	41	31	11	40	8	50	5	2	8	5			7								
27	10	9984	45	44	43	30	09	81	7	25	8	7	8	4		1	7		6						
27	13	0001	48	45	42	27	05	82	6	15	1	5	8	4			7								
27	16	0025	46	43	38	28	13	83	6	15	8	5	8	4			6								
27	19	0052	44	41	38	28	18	83	7	25	8	3	8	4	2	3	6								
27	22	0062	44	43	41	28	16	83	7	03	8	4	8	4		8	6			34	36	502	0025	49	41

Results of Surface Observations,
MACQUARIE – JAN., 1957

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	0044	44	44	44	30	27	64	8	80	8	5	8	4			7								
28	04	0022	46	45	44	30	27	40	8	60	8	4	7	2	8		7								
28	07	0012	47	47	47	30	27	08	8	58	6	8	6	1	8		7								
28	10	0024	48	47	47	29	23	40	7	20	5	2	8	4			6								
28	13	0037	48	45	41	28	28	64	7	05	5	2	8	4	3		6								
28	16	0052	48	45	42	28	25	80	6	05	2	3	8	4			6								
28	19	0058	48	45	42	29	22	64	8	50	2	8	5	5			6								
28	22	0041	47	46	46	31	24	05	8	51	5	7	6	2			7			27	41	490	0003	49	43
29	01	0024	47	46	46	31	24	04	8	51	5	7	6	2			7								
29	04	0010	47	47	47	30	25	02	8	51	5	8	6	1			7								
29	07	0018	47	46	45	29	23	24	8	10	5	3	6	3			7								
29	10	0022	48	46	45	31	22	24	8	05	2	3	6	2			7								
29	13	0018	48	48	47	31	23	24	7	05	2	7	5	4			7								
29	16	0005	48	47	46	30	23	16	8	05	2	8	5	4			7								
29	19	9975	47	47	46	31	22	04	8	51	2	8	6	1			7								
29	22	9938	47	47	46	32	32	04	8	61	5	6	7	2	2		7			31	44	656	0002	49	46
30	01	9893	47	47	47	32	31	05	8	61	6	7	7	2	2		7								
30	04	9875	48	47	47	32	34	16	8	51	6	8	6	2			7								
30	07	9874	48	47	46	30	32	16	8	51	5	8	6	3			7								
30	10	9884	48	45	42	29	30	24	7	05	5	7	5	6			6								
30	13	9895	48	46	44	31	28	24	7	05	2	6	5	6		1	7								
30	16	9893	47	45	43	32	26	24	8	05	2	7	5	6		7	6		6						
30	19	9870	45	44	44	31	19	32	8	50	5	8	5	5			6								
30	22	9850	45	45	45	32	20	08	8	63	5	2	7	3	2		7			31	47	764	0028	49	44
31	01	9807	46	45	43	32	22	24	4	01	6	3	5	5			7								
31	04	9766	46	45	44	32	23	24	7	63	6	3	7	3	2		7								
31	07	9761	42	41	41	29	39	24	8	62	6	3	1	4	2		7								
31	10	9751	45	42	38	30	33	32	6	27	8	3	9	4		3	6								
31	13	9767	40	40	39	29	25	40	5	27	8	3	2	4		3	6								
31	16	9775	43	41	38	29	28	40	5	27	8	3	9	4		3	6								
31	19	9799	39	38	37	28	31	56	7	27	8	5	9	4		3	6								
31	22	9820	41	39	37	28	28	56	4	27	8	2	9	4		3	6			29	61	647	0007	46	38

Results of Surface Observations, MACQUARIE – Feb., 1957

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	9843	41	39	36	27	27	56	3	25	3	2	9	4		3	6								
01	04	9857	41	40	39	28	28	40	4	27	3	3	2	4		3	6								
01	07	9893	41	41	40	28	28	40	6	25	3	4	9	4		3	6								
01	10	9925	45	40	32	27	32	40	5	25	3	3	9	4			6								
01	13	9961	46	41	32	27	30	40	5	25	3	3	2	4			6								
01	16	9987	45	40	32	27	27	40	5	25	3	2	9	4		3	6								
01	19	0010	44	40	34	29	18	40	7	03	1	7	5	5											
01	22	0022	44	41	38	30	20	24	8	50	2	4	7	4	2		7			27	48	762	0016	46	37
02	01	0024	45	43	41	30	18	16	8	60	6	2	7	3	2		7								
02	04	0015	46	45	44	32	22	16	8	60	6	3	5	5	2										
02	07	0007	46	45	45	33	22	16	8	50	6	5	5	5											
02	10	9999	46	46	45	33	24	24	8	20	5	4	6	3			7								
02	13	9992	47	46	45	32	21	20	8	20	5	8	5	3			7								
02	16	9990	47	46	45	32	18	16	8	50	5	7	6	2			7								
02	19	9993	46	46	45	32	12	16	8	02	2	8	6	2			7								
02	22	9999	45	45	45	32	09	16	8	02	5	8	6	2			7			34	34	616	0001	48	43
03	01	0007	46	45	45	32	08	16	8	20	5	6	6	2			7								
03	04	0014	45	45	44	31	04	24	7	20	5	7	5	7											
03	07	0025	46	45	44	30	08	24	8	02	5	3	6	3	2	6	7								
03	10	0032	49	48	46	27	05	16	8	50	5	3	6	2			6								
03	13	0040	47	45	44	14	02	08	8	03	2	3	5	6	7	7	3								
03	16	0035	45	44	43	17	11	08	8	02	2	7	5	6		7	4								
03	19	0040	44	43	42	16	18	64	8	05	2	5	6	2			4								
03	22	0045	44	43	42	16	16	16	8	50	2	3	6	2			3			16	19	359		49	43
04	01	0038	44	43	42	16	22	32	8	02	5	3	6	2			4								
04	04	0040	43	42	40	16	28	48	8	50	5	6	6	3			3								
04	07	0055	43	41	37	16	28	48	8	02	5	3	2	4	7	7	3								
04	10	0055	43	40	35	16	32	81	8	02	2	2	1	4		6	4		8						
04	13	0057	43	40	35	16	31	81	8	02	2	4	1	5		6	3		7						
04	16	0060	44	42	39	15	30	80	8	03	2	6	2	5		6	4		8						
04	19	0072	43	40	35	15	34	80	8	03	2	6	5	5		6	3								
04	22	0086	43	40	35	15	29	80	5	02	2	5	5	5			4			15	43	296	0000	44	42
05	01	0096	42	39	35	15	24	80	8	02	1	4	5	5		6	3								
05	04	0103	42	40	36	14	24	81	8	02	2	6	5	5		6	3								
05	07	0120	42	40	35	15	19	81	8	03	2	7	5	5			4								
05	10	0124	43	40	35	15	18	48	7	02	2	7	5	5			3								
05	13	0127	44	41	36	12	12	48	7	02	2	8	5	5			3								
05	16	0120	44	41	36	12	09	64	7	02	2	7	5	5			3								
05	19	0119	43	40	35	12	02	80	8	02	2	8	5	5			3								
05	22	0114	43	40	35	34	03	80	8	02	2	8	5	5			7			15	34	261	0000	45	39
06	01	0094	43	40	35	30	12	80	8	02	2	8	5	5			7								
06	04	0093	42	39	34	32	13	80	8	02	2	8	5	5			7								
06	07	0075	44	41	38	32	18	80	8	02	2	8	5	5			7								
06	10	0078	44	42	39	26	10	56	8	51	6	8	6	5			6								
06	13	0094	46	42	37	27	19	64	5	01	1	6	2	4			6								
06	16	0108	46	42	36	28	17	64	2	01	1	2	2	4			6								
06	19	0129	43	41	38	28	18	64	3	15	1	3	2	4			6								
06	22	0134	43	41	38	27	20	80	4	15	8	4	2	5			6			28	30	281	0003	47	41
07	01	0145	43	40	35	27	23	80	1	01	8	1	1	5			6								
07	04	0159	43	41	38	28	23	64	3	03	1	1	1	5	4		6								
07	07	0172	45	43	41	28	23	64	8	02	2	1	6	4	2		6								
07	10	0173	45	45	45	28	27	24	8	50	5	3	6	2			6								
07	13	0177	46	45	45	28	26	16	8	50	5	6	6	2			6								
07	16	0184	46	45	44	27	25	24	8	05	2	3	6	2			6								
07	19	0198	46	45	44	27	23	24	8	05	2	3	6	2			6								
07	22	0204	45	44	44	27	25	16	8	53	5	3	6	2			6			27	45	543	0007	47	41
08	01	0208	44	43	43	28	28	08	8	53	5	4	6	2			6								
08	04	0210	43	43	43	28	28	04	7	55	5	3	6	2			6								
08	07	0220	44	43	43	28	25	08	8	53	5	3	6	2			6								
08	10	0229	44	44	43	29	14	40	8	51	5	8	5	5			7								
08	13	0225	46	43	40	28	10	48	8	02	5	8	6	4			6								
08	16	0214	45	43	39	27	15	48	7	50	5	6	5	4	8		6								
08	19	0209	43	41	37	29	11	56	8	05	2	4	5	4	8	7	6								
08	22	0198	44	41	37	28	14	56	4	05	2	4	5	5			6			27	46	639	0003	47	41
09	01	0176	44	42	38	27	04	56	8	03	2	7	5	5		7	6								
09	04	0154	44	43	42	32	01	56	8	05	2	6	5	5	7	7									
09	07	0145	45	44	43	34	01	80	8	05	2	2	5	5	7		8								
09	10	0126	47	45	43	36	11	80	8	05	2	1	6	2	7		8								
09	13	0092	48	46	44	01	14	64	8	05	2	1	6	2			8								
09	16	0070	46	45	44	01	17	08	8	53	5	2	6	2			8								
09	19	0031	46	46	46	36	12	16	8	61	5	3	7	2	2		8								
09	22	0002	47	46	46	36	18	08	8	63	6	2	7	2	2		8			36	32	311		48	43

Results of Surface Observations,
MACQUARIE — Feb., 1957

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 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
10	01	9953	47	47	47	01	19	08	8	63	6	3	7	2	2		8								
10	04	9929	46	46	46	36	12	01	8	51	5	8	6	0	2		8								
10	07	9919	47	47	47	34	13	01	8	61	6	8	7	0			8								
10	10	9913	47	47	47	32	14	03	8	46	4	8	6	0			7								
10	13	9929	47	47	47	31	13	04	8	45	4	8	6	0			7								
10	16	9942	47	47	47	32	13	08	8	50	4	8	6	0			7								
10	19	9953	46	46	46	32	13	08	8	10	5	8	6	0			7								
10	22	9961	46	46	46	32	15	24	7	01	2	7	6	1			7			01	34	412	0045	48	45
11	01	9948	48	47	46	01	10	64	1	01	5	1	6	3			8								
11	04	9932	47	47	47	35	07	01	8	45	1	8	6	0			8								
11	07	9914	48	48	47	01	18	12	8	63	6	8	7	2	2		8								
11	10	9916	48	48	48	34	22	08	8	63	6	8	7	2	2		8	8							
11	13	9921	49	48	47	34	19	32	8	05	6	8	7	2	3		8								
11	16	9928	48	47	45	34	20	24	7	05	4	1	6	2	3		8								
11	19	9939	47	46	45	33	17	24	8	05	2	1	6	2	4	7	7								
11	22	9945	47	45	44	32	18	24	8	05	2	7	6	2	4	7	7			01	48	424	0028	50	44
12	01	9977	46	43	40	26	20	24	5	25	8	5	2	5			7								
12	04	0009	45	42	39	29	19	40	4	15	8	4	2	5			7								
12	07	0047	46	43	39	31	18	40	3	15	8	3	2	5			7								
12	10	0065	48	45	41	31	19	80	2	05	8	2	2	5			7								
12	13	0076	49	46	43	32	21	64	5	05	8	1	2	5			7								
12	16	0069	47	46	45	33	26	32	8	05	8	0	2	5			7								
12	19	0066	47	47	46	33	25	16	8	51	8	2	5	5	3	8	7	7	6						
12	22	0063	47	47	46	33	26	16	8	51	8	5	6	3			8			33	34	523	0002	50	46
13	01	0058	47	47	46	32	26	20	8	02	8	5	6	2			7								
13	04	0058	47	47	46	32	26	04	8	50	8	5	6	2			7								
13	07	0054	48	47	47	33	28	12	8	20	8	5	6	2			7								
13	10	0042	48	47	46	33	31	16	8	05	8	5	6	2			7								
13	13	0013	49	47	46	33	34	16	8	05	8	5	6	2			7								
13	16	9998	49	48	47	33	34	16	8	05	8	6	6	2			7								
13	19	0000	48	47	46	33	31	08	8	61	8	6	7	2			7								
13	22	0017	47	47	46	32	26	08	8	61	8	6	7	2	2		8			33	48	669	0002	49	46
14	01	0035	47	46	46	32	18	08	8	61	8	6	7	2	2		8								
14	04	0048	46	45	45	35	12	16	8	61	8	6	7	2	2		8								
14	07	0058	46	45	45	34	09	16	8	61	8	6	7	1	2		8								
14	10	0066	47	46	45	34	12	32	8	51	8	6	6	2	2		8								
14	13	0061	46	45	45	32	04	16	8	51	8	6	6	2	2		8								
14	16	0051	46	46	46	00	00	03	8	51	8	6	6	2	2		8								
14	19	0043	47	47	46	34	13	03	8	61	8	6	7	2	2		8								
14	22	0035	48	48	47	33	21	16	8	51	8	6	7	2	2		7			33	36	643	0014	48	45
15	01	0028	48	47	47	33	20	03	8	61	8	6	7	2	8		8								
15	04	0027	48	48	47	33	21	00	8	51	8	6	6	2	8		8								
15	07	0035	48	48	48	33	22	05	8	61	8	6	7	0	8		8								
15	10	0035	47	47	47	32	07	04	8	61	8	6	7	0	8		8								
15	13	0016	48	48	48	34	16	01	8	61	8	6	7	0	8		8								
15	16	0009	48	48	48	34	18	04	8	61	8	6	7	0	8		8								
15	19	0017	48	47	47	32	09	04	8	61	8	6	7	0	8		8								
15	22	0019	47	47	47	29	06	02	8	61	8	6	7	0	8		6			33	30	428	0075	49	46
16	01	0011	47	47	47	31	05	02	8	61	8	6	7	0	8		8								
16	04	9990	49	48	48	34	15	04	8	51	8	6	6	0	8		8								
16	07	9984	49	49	49	35	16	02	8	51	8	6	5	0	8		8								
16	10	9964	51	50	50	01	27	01	8	51	8	6	5	0	8		8								
16	13	9951	49	48	47	34	19	16	8	05	8	6	6	0	8		8								
16	16	9933	49	47	46	34	20	08	7	10	8	6	6	2	8		8								
16	19	9893	49	47	45	35	24	16	8	05	4	6	6	3	8	1	8								
16	22	9819	47	46	45	36	24	02	8	61	6	7	7	3	8		8			36	50	378	0056	51	45
17	01	9869	47	46	46	28	30	16	8	25	6	6	6	3			6								
17	04	9962	46	43	39	28	35	16	7	05	2	3	6	4			6								
17	07	9982	47	47	47	31	23	02	8	51	5	5	6	2			7								
17	10	9992	48	48	48	31	24	04	8	51	5	5	6	2			7								
17	13	0005	49	48	47	32	21	10	8	61	5	5	6	3			7								
17	16	0005	48	47	47	32	22	16	8	51	5	5	6	2			7								
17	19	0001	48	47	47	32	26	10	8	51	5	5	6	2	8		7								
17	22	9999	47	47	47	32	19	10	8	58	5	6	7	2	8		7			28	29	672	0008	49	45
18	01	0005	44	43	43	28	13	20	8	50	5	4	7	3	8		6								
18	04	0012	45	43	40	28	13	64	8	02	6	5	7	4	8		6								
18	07	0026	45	43	39	29	17	80	8	25	6	1	7	4	2	8	6	5							
18	10	0036	47	44	40	29	22	80	5	02	6	1	7	4	1	1	6								
18	13	0040	45	42	38	29	25	80	6	25	6	3	7	4		1	6								
18	16	0037	47	43	38	29	24	80	6	02	6	3	7	4		1	6								
18	19	0036	44	42	39	29	25	48	8	27	6	3	7	4		1	6	6							
18	22	0050	44	41	37	29	28	16	8	61	8	6	7	4		1	6			28	55	526	0019	49	41

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	0060	44	41	36	28	27	32	6	25	8	6	2	4			6								
19	04	0073	44	41	38	28	23	48	6	25	8	6	2	4			6								
19	07	0081	45	42	38	28	22	64	7	80	8	6	2	4	5	7	6								
19	10	0094	47	43	38	28	23	48	7	16	8	3	2	4	1		6	5							
19	13	0091	46	43	39	29	21	64	7	03	2	2	1	4	1	7	6								
19	16	0088	46	44	40	29	21	64	8	05	8	2	1	4	1	8	6	6	6						
19	19	0090	46	44	41	29	18	48	8	05	8	7	8	6			6								
19	22	0081	44	43	42	30	16	06	8	61	6	3	7	3	8		7			28	43	663	0007	46	42
20	01	0063	44	43	42	32	11	24	8	61	6	2	7	3	8		7	6							
20	04	0014	46	45	44	35	14	12	8	61	6	3	7	3	8		8								
20	07	9952	47	47	47	34	21	10	8	51	6	7	6	2	8		8								
20	10	9917	48	48	47	34	21	20	8	50	2	8	6	2			8								
20	13	9821	49	49	48	33	34	05	8	51	5	8	6	2			8								
20	16	9819	49	47	44	31	34	16	8	20	5	6	6	4	8		7								
20	19	9859	46	42	36	28	26	40	7	05	2	6	5	6			6								
20	22	9869	46	42	36	28	26	32	7	05	2	7	5	5			6			29	53	499	0009	49	43
21	01	9869	45	42	38	29	34	48	2	05	1	1	1	4			6								
21	04	9860	45	42	38	30	28	32	7	50	2	4	2	4	2		6								
21	07	9858	45	42	38	29	30	64	2	15	8	1	1	4	1		6								
21	10	9838	47	43	38	30	32	24	7	03	1	4	8	5			6								
21	13	9830	48	44	39	30	32	40	7	05	1	3	8	4	2										
21	16	9822	47	44	40	30	34	40	3	05	8	2	2	4			6								
21	19	9818	45	41	37	29	32	32	3	05	8	3	1	4			6								
21	22	9816	45	41	36	29	22	32	5	05	1	5	1	4			6			31	57	825	0004	48	43
22	01	9816	44	41	37	29	23	32	3	05	1	3	1	4			6								
22	04	9834	44	40	34	29	25	40	4	25	8	4	1	4			6								
22	07	9848	42	40	37	29	27	48	5	25	8	3	1	4			6								
22	10	9869	44	41	38	27	29	40	7	25	8	5	8	6		1	6								
22	13	9898	45	42	38	27	25	64	5	25	8	5	8	4			6								
22	16	9925	45	41	35	27	27	64	4	15	8	4	8	4			6								
22	19	9954	43	40	37	27	21	32	7	80	8	6	8	4		1	6								
22	22	9968	43	40	36	28	17	64	4	25	8	3	8	4			6			27	53	807	0003	46	41
23	01	9961	45	43	41	31	16	64	7	15	8	4	8	4			7								
23	04	9932	45	45	45	32	27	24	8	10	2	2	6	3	8		8								
23	07	9909	47	47	46	33	28	08	8	61	6	7	7	2	8		8								
23	10	9900	47	47	47	32	25	20	8	61	6	7	7	2	8		7								
23	13	9912	47	45	44	27	17	32	7	50	6	6	8	4			6								
23	16	9921	47	44	40	30	10	80	1	05	1	1	2	4			6								
23	19	9929	45	43	40	31	10	64	8	05	2	2	1	4	5	8	6		6						
23	22	9917	45	43	40	34	11	64	8	02	2	1	1	4		8			6	33	36	610	0011	46	44
24	01	9870	46	45	43	36	16	20	8	61	2	6	7	2	8		8								
24	04	9802	48	47	47	33	28	20	8	51	6	8	6	2											
24	07	9804	48	48	47	32	28	24	8	20	5	8	6	2			7								
24	10	9805	48	47	47	32	24	02	8	51	5	8	6	0			7								
24	13	9759	48	48	47	34	23	03	8	61	6	7	7	2	8		8								
24	16	9696	48	48	48	01	21	04	8	61	6	6	7	2	8		8								
24	19	9625	46	45	44	34	24	06	7	60	6	3	7	3	7		8								
24	22	9605	46	45	44	32	23	16	8	21	6	5	5	5	6		7			29	72	530	0026	49	43
25	01	9678	44	40	35	29	43	20	3	25	6	2	8	5			6								
25	04	9721	43	41	38	31	36	32	4	15	8	3	8	4			7								
25	07	9744	45	43	39	30	32	10	6	87	8	4	9	4		2	6								
25	10	9758	46	43	39	30	30	48	5	16	8	4	2	4			6								
25	13	9763	46	42	37	30	32	64	5	25	8	3	2	4		1	6								
25	16	9774	44	41	36	30	26	64	6	25	8	4	2	4			6								
25	19	9779	43	41	37	30	27	64	6	15	1	6	2	4		1	6								
25	22	9803	42	41	40	28	17	04	8	51	8	8	6	2			6			29	65	815	0048	46	40
26	01	9851	43	41	38	23	14	10	8	50	5	7	5	4			5								
26	04	9899	42	40	37	20	16	32	7	20	5	3	1	4		7	5								
26	07	9950	42	40	37	19	13	64	6	25	8	3	2	4	3		5								
26	10	9981	43	39	34	24	12	80	8	05	2	8	6	5			5								
26	13	0002	42	40	37	25	08	16	8	50	5	3	8	4			5								
26	16	0013	43	41	36	26	18	02	7	20	5	7	8	6	1		6								
26	19	0013	44	42	40	31	16	03	8	51	5	4	6	4	8		7								
26	22	0003	45	45	45	33	20	03	8	51	5	8	6	2	8		8			25	40	590	0010	45	41
27	01	9990	46	45	45	32	17	03	8	51	6	8	6	2	8		7								
27	04	9999	46	45	45	31	17	24	8	10	5	8	6	0			7								
27	07	0011	46	46	46	30	21	01	8	51	5	8	6	2			7								
27	10	0020	46	46	46	30	19	03	8	20	5	8	6	2			7								
27	13	0022	46	46	46	30	21	12	8	45	4	8	6	0			6								
27	16	0013	46	46	46	31	21	12	8	45	4	8	6	0			7								
27	19	0004	46	46	45	31	24	12	8	50	5	8	6	2			7								
27	22	9998	46	46	45	31	26	16	8	50	5	8	6	2			7			31	37	475	0006	47	45

Results of Surface Observations,
MACQUARIE – Feb., 1957

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	9986	46	46	45	31	23	64	8	51	55	8	6	2			7								
28	04	9981	46	46	45	30	22	24	8	63	56	8	6	2	8		6								
28	07	9994	44	42	40	27	21	32	7	10	62	1	1	4	7		6								
28	10	0011	45	43	35	26	31	48	8	31	52	8	5	5			6								
28	13	0036	45	41	35	27	31	20	4	03	52	2	8	4			6								
28	16	0060	44	41	37	28	18	24	7	05	52	7	8	5			6								
28	19	0092	43	41	37	28	16	24	8	02	55	3	8	4			6								
28	22	0107	43	40	35	28	13	32	8	20	55	4	8	4			6			27	52	604	0013	46	42

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	0111	42	40	36	26	09	24	8	02	2	8	8	5			6								
01	04	0106	41	40	37	31	09	32	8	02	2	8	8	4			6								
01	07	0094	42	40	37	34	09	32	8	02	2	8	5	5			6								
01	10	0071	43	41	37	36	12	82	7	02	2	7	5	4			8								
01	13	0014	45	44	43	10	05	08	8	51	5	8	6	2			2								
01	16	9958	46	46	46	02	06	00	8	62	5	8	7	0	2		8								
01	19	9917	47	47	46	34	23	03	8	60	6	7	7	2	2		8								
01	22	9911	47	46	46	33	22	06	8	20	5	8	6	2			8			02	37	462		49	41
02	01	9916	46	46	46	32	22	09	8	50	5	8	6	2			7								
02	04	9945	46	46	46	30	28	10	8	50	5	7	6	3			7								
02	07	9970	46	45	44	31	28	32	7	05	5	7	5	3			7								
02	10	9989	47	44	40	30	25	40	8	05	2	8	5	3			6								
02	13	0003	48	45	41	31	27	48	3	05	1	3	1	4			6								
02	16	0015	47	46	44	32	23	24	6	05	1	2	6	3		6	7								
02	19	0023	46	45	44	33	23	32	7	50	1	7	5	5			7								
02	22	0020	46	45	43	34	28	32	6	05	1	6	5	6						29	46	520	0024	48	44
03	01	0005	46	45	44	34	26	32	4	05	1	4	5	5											
03	04	9983	46	45	44	34	26	32	5	05	1	2	8	4			8								
03	07	9957	47	47	47	35	27	32	7	05	2	4	6	2			8								
03	10	9945	48	47	46	34	28	24	8	05	2	6	6	2			8								
03	13	9916	48	47	45	34	30	24	8	61	2	1	7	2	2		8								
03	16	9899	47	46	45	34	29	16	8	60	6	2	7	3	2		8								
03	19	9908	45	44	42	33	21	24	7	01	6	2	7	3	7		8								
03	22	9920	45	43	40	32	17	24	4	01	6	4	1	4			7			34	39	626		48	43
04	01	9929	45	43	40	32	14	48	2	02	1	2	1	4			7								
04	04	9933	45	43	39	33	22	48	3	25	8	2	9	4			7								
04	07	9956	43	41	38	33	16	48	7	25	8	3	9	4			7								
04	10	9977	44	41	37	32	17	81	7	25	8	4	8	6		3	7								
04	13	0029	45	42	37	28	19	81	6	80	8	2	9	4			7								
04	16	0078	44	41	37	28	23	81	7	16	1	6	8	4		3	6								
04	19	0124	43	40	34	29	16	81	3	02	1	3	1	5			6								
04	22	0133	44	41	36	31	26	81	4	02	1	4	1	5			6			32	40	532	0015	47	42
05	01	0129	45	42	38	31	32	81	2	02	1	2	1	5			7								
05	04	0122	45	44	42	32	28	40	8	05	2	5	6	3	2		7								
05	07	0128	46	45	44	32	28	12	8	10	5	6	6	2	2		7								
05	10	0136	46	46	45	31	26	24	8	20	5	8	6	2			7								
05	13	0144	46	45	44	31	23	32	8	20	5	6	6	3			7								
05	16	0149	46	45	44	30	19	12	8	20	5	6	6	3			7								
05	19	0163	45	44	43	30	10	32	5	05	1	2	6	3											
05	22	0169	44	43	42	30	14	56	1	01	1	1	6	3						31	43	613	0001	47	42
06	01	0173	44	40	35	29	18	40	6	03	1	6	5	6											
06	04	0180	43	40	35	29	15	44	6	02	1	6	5	6			7								
06	07	0189	44	40	34	28	13	80	5	02	1	5	5	6			6								
06	10	0200	46	41	35	28	18	81	3	02	1	2	1	4	3		6								
06	13	0209	47	43	38	29	13	80	5	05	0	2	1	4	4	6	6								
06	16	0217	46	42	36	28	11	64	3	05	0	2	1	4		8	6		6						
06	19	0231	42	40	37	28	02	64	3	05	1	2	1	4			6								
06	22	0235	45	41	36	31	11	64	1	05	0	0	0	9	4		9			29	29	453		48	42
07	01	0234	44	41	39	32	13	64	3	05	0	3	1	4			7								
07	04	0234	44	41	37	33	16	64	7	03	1	7	5	6			7								
07	07	0234	45	43	39	33	18	64	5	01	1	1	1	4	3		7								
07	10	0238	47	44	41	33	16	81	2	02	1	1	8	5		5	7		6						
07	13	0226	48	46	44	34	15	81	2	02	1	1	8	5	4	5	7								
07	16	0224	47	46	45	34	16	82	2	02	1	1	8	4	4	5	8	6	6						
07	19	0213	46	44	41	34	23	81	7	03	1	7	5	6			8								
07	22	0209	46	45	44	34	22	24	7	50	2	7	5	6			7			34	31	342	0000	48	43
08	01	0201	46	45	45	34	22	16	6	20	5	5	5	6			7								
08	04	0191	46	45	45	34	23	10	8	10	2	7	6	2			8								
08	07	0191	46	46	46	33	22	02	8	51	4	8	6	0			8								
08	10	0188	46	46	46	33	18	03	8	51	5	8	6	0			8								
08	13	0173	48	46	44	34	22	64	7	02	5	7	5	6											
08	16	0158	47	46	42	34	24	80	5	05	1	2	6	3	3	9	8	7	7						
08	19	0148	47	45	44	34	26	64	8	02	1	8	5	6			8								
08	22	0136	47	46	44	34	24	20	8	50	5	4	6	3			8			34	36	470	0002	48	45
09	01	0102	47	46	45	34	27	20	8	50	2	6	6	3											
09	04	0080	47	47	47	33	29	04	8	51	5	8	6	1			8								
09	07	0081	47	47	47	32	21	20	8	61	6	8	7	1	2		7								
09	10	0106	46	46	45	26	07	24	8	61	6	4	7	2	2		6								
09	13	0123	49	47	45	28	11	80	3	01	2	1	8	4	4		6								
09	16	0130	47	46	45	28	05	81	7	50	5	3	6	2			6								
09	19	0141	45	44	43	00	00	02	2	02	2	6	5	3			6								
09	22	0143	43	42	41	00	00	81	3	01	2	3	5	5			6			34	40	630	0033	50	43

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	0138	45	45	44	00	00	16	8	53	2	8	6	2											
10	04	0117	46	46	46	35	11	04	8	53	2	8	6	2											
10	07	0115	47	47	47	33	18	04	8	20	5	8	6	2			8								
10	10	0116	48	47	47	33	22	40	7	05	5	3	6	2			7								
10	13	0122	48	47	46	32	19	40	7	05	5	2	6	2			8								
10	16	0119	47	47	46	33	18	03	8	51	4	8	6	2	4	6	7		6						
10	19	0121	46	46	45	32	14	00	8	51	5	8	6	2			8								
10	22	0125	46	45	45	33	17	03	8	51	5	8	6	2			8			33	32	201	0020	49	45
11	01	0115	45	45	45	34	20	03	8	51	5	8	6	2			8								
11	04	0106	45	45	45	34	16	03	8	51	5	8	6	1			8								
11	07	0097	46	45	45	36	18	03	8	51	5	8	6	0			8								
11	10	0088	46	46	46	36	14	04	8	51	5	8	6	0			8								
11	13	0049	48	47	47	35	12	12	8	10	5	8	6	1			8								
11	16	0020	48	48	47	35	06	08	8	61	5	8	7	2	2		8								
11	19	0007	47	47	47	35	19	02	8	47	5	8	6	0			8								
11	22	0008	47	46	46	35	18	02	8	45	5	8	6	0			8			36	33	432	0002	49	45
12	01	0001	47	46	46	35	17	32	8	28	4	8	5	0			8								
12	04	0008	47	47	47	34	25	16	8	51	5	8	6	2			8								
12	07	0020	46	45	44	33	26	32	7	05	5	7	6	2			7								
12	10	0044	47	45	43	29	33	24	5	20	5	3	6	2			6								
12	13	0091	46	45	44	26	27	24	8	20	5	7	6	2			6								
12	16	0127	45	42	38	27	22	32	7	05	5	6	5	3			6								
12	19	0155	44	42	39	26	23	32	8	50	5	6	5	3			6			31	45	453	0022	48	43
12	22	0184	44	42	38	29	09	32	8	50	5	8	5	3			6								
13	01	0192	43	42	40	31	08	32	8	50	5	8	5	3			7								
13	04	0199	44	42	40	33	09	32	8	50	5	8	5	3			7								
13	07	0202	44	42	39	34	14	32	8	20	5	8	5	3			8								
13	10	0202	45	43	40	35	16	82	8	02	5	8	5	4			8								
13	13	0188	45	44	43	35	16	16	8	51	5	8	5	5			8								
13	16	0169	45	44	43	35	14	16	7	50	5	8	6	2			8								
13	19	0161	44	44	43	35	14	16	7	51	5	7	6	2			8								
13	22	0140	45	43	40	01	17	40	7	20	5	7	5	4			8			01	28	434		46	42
14	01	0123	45	44	43	35	09	80	8	05	2	8	5	5			8								
14	04	0094	44	44	43	35	14	32	8	05	5	8	5	5			8								
14	07	0076	45	44	43	36	11	64	8	05	5	8	5	5			8								
14	10	0069	47	45	44	35	12	48	7	05	5	8	5	4			8								
14	13	0032	48	47	46	16	01	56	7	05	5	7	5	2			4								
14	16	0013	49	48	47	06	04	02	8	47	4	8	6	0			2								
14	19	0003	47	47	47	00	00	01	8	45	4	8	6	0			0								
14	22	9984	48	48	47	16	05	01	8	45	4	8	6	0			4			01	26	365	0002	49	44
15	01	9955	49	49	48	05	07	04	8	51	5	8	6	1			1								
15	04	9949	48	47	47	35	12	03	8	45	5	8	6	1			8								
15	07	9945	48	48	47	00	00	16	7	10	4	8	6	1	1		0								
15	10	9934	48	48	48	00	00	01	8	47	4	8	6	0			4								
15	13	9898	49	48	47	18	05	01	8	51	5	8	6	0			0								
15	16	9871	49	48	48	00	00	01	8	20	5	8	6	0			1								
15	19	9853	48	47	47	11	04	06	7	10	5	8	6	2	3		1								
15	22	9810	48	47	47	08	07	10	8	20	5	4	6	2	2		1			05	30	177	0005	49	47
16	01	9749	48	47	46	06	11	10	8	51	6	6	6	3	2		1								
16	04	9714	47	46	45	33	34	10	8	50	6	5	6	3	2		8								
16	07	9741	45	44	43	34	32	10	8	61	5	5	7	3	2		8								
16	10	9754	43	41	38	32	37	24	8	50	6	6	5	5	2		7								
16	13	9785	42	40	37	31	42	24	8	62	6	5	7	4	2		6								
16	16	9811	42	40	37	30	43	24	7	25	6	5	1	4	2		6								
16	19	9853	41	39	36	30	37	24	8	62	6	3	7	4	2		6								
16	22	9901	41	39	36	29	30	32	8	50	6	3	6	4			6			31	63	410	0008	48	40
17	01	9944	40	38	35	28	25	64	6	25	8	3	2	4	7		6								
17	04	9966	41	40	38	30	25	64	5	25	8	3	2	4		2	6								
17	07	9965	44	42	40	32	20	32	8	20	2	4	6	3	1		7								
17	10	9944	45	45	44	34	27	14	8	58	5	6	7	2	2		8								
17	13	9901	46	45	44	34	32	16	8	58	6	6	7	2	2		8								
17	16	9893	46	46	45	32	31	14	8	58	6	6	7	2	2		8								
17	19	9887	46	46	45	33	29	07	8	58	6	6	7	2	2		7								
17	22	9890	45	44	43	31	22	40	7	05	6	7	6	4	3		7			29	58	865	0020	46	39
18	01	9887	45	42	38	31	23	48	7	05	2	7	8	6			6								
18	04	9884	45	43	41	33	26	48	7	05	2	7	8	6			6								
18	07	9883	45	43	40	32	24	48	6	05	8	4	8	4			7								
18	10	9887	45	43	39	31	25	40	6	25	8	5	8	4			7								
18	13	9884	45	43	40	31	21	64	7	15	8	6	8	4			7								
18	16	9878	44	42	39	31	21	64	5	25	8	4	8	4			7								
18	19	9877	43	42	40	31	14	64	7	02	1	5	8	4	3		7								
18	22	9870	42	41	39	32	12	32	8	60	2	3	7	3	2		7			31	39	674	0023	46	41

Results of Surface Observations,
MACQUARIE – Mar., 1957

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	9857	42	41	38	31	15	64	6	01	6	2	1	4	7		7								
19	04	9850	40	39	37	00	00	64	7	02	1	4	8	6	3										
19	07	9855	41	39	36	16	05	81	2	03	1	1	8	4	3	5									
19	10	9854	41	39	35	16	09	82	7	15	1	1	5	5	7	5	4	7	8						
19	13	9848	42	39	36	17	19	81	8	02	2	5	5	5			4		8						
19	16	9852	41	39	35	17	25	82	7	15	2	5	8	5	3	8	4	7							
19	19	9866	41	38	32	17	28	82	7	15	2	8	8	5	3	8	4		7						
19	22	9885	41	38	33	18	25	82	7	02	8	2	8	5		6	4		8	18	36	369	0005	43	38
20	01	9890	40	37	32	19	22	82	8	02	2	3	8	5	3	7	4		7						
20	04	9912	38	36	32	20	27	80	8	87	3	4	8	5	3	7	4								
20	07	9926	38	35	28	19	21	81	8	15	3	7	8	6			4								
20	10	9934	38	34	27	19	22	81	8	02	2	8	8	6			4								
20	13	9950	37	34	27	19	20	81	8	70	7	8	8	6			4								
20	16	9952	38	33	24	19	20	81	5	15	7	3	8	6			4								
20	19	9953	37	35	31	20	08	81	5	27	7	4	8	5			4								
20	22	9953	37	35	29	22	03	81	7	03	8	7	8	6			5			20	43	566		40	35
21	01	9928	41	37	30	28	20	80	8	03	1	8	7	6			6								
21	04	9904	42	41	40	29	17	80	7	02	2	7	8	6			6								
21	07	9899	41	39	37	27	19	64	7	15	5	6	8	7			6								
21	10	9890	42	39	36	28	22	81	7	27	8	3	8	4	7		6	6							
21	13	9869	43	41	37	29	21	80	7	15	8	3	8	4	7		6								
21	16	9864	41	39	37	29	22	81	7	27	8	3	8	4	7		6	6							
21	19	9867	39	37	32	28	27	81	3	15	8	2	8	4			6								
21	22	9870	39	37	33	28	27	82	2	27	8	2	8	4			6			29	49	442	0005	43	37
22	01	9869	38	35	31	27	25	82	3	02	8	2	8	5			6								
22	04	9860	37	36	34	29	28	80	8	27	1	6	8	7			6								
22	07	9847	34	34	34	27	37	02	8	88	8	6	8	5			6								
22	10	9853	35	33	28	27	31	64	7	26	8	5	8	5			6								
22	13	9887	38	32	20	27	28	81	5	26	8	5	2	5		3	6								
22	16	9919	38	34	27	23	14	80	7	87	8	7	2	5		3	4								
22	19	9978	37	32	22	20	11	80	3	05	8	3	2	5			4								
22	22	0005	36	33	26	25	07	81	1	02	8	1	2	5			6			27	72	671	0020	40	32
23	01	0031	35	32	26	28	16	81	4	27	8	3	8	6											
23	04	0052	37	33	25	27	18	80	5	02	8	4	8	6											
23	07	0069	38	34	26	26	20	80	8	50	2	8	8	6			6								
23	10	0085	40	34	23	27	27	81	7	20	2	7	8	7			6								
23	13	0091	42	39	34	27	24	81	7	50	5	7	8	7			6								
23	16	0104	41	40	38	29	19	80	7	25	8	6	8	4			6								
23	19	0127	41	40	38	28	18	24	8	51	8	6	8	4			6								
23	22	0128	42	41	39	29	17	24	8	51	5	6	6	3			6			29	44	495	0002	43	33
24	01	0127	43	41	39	30	25	80	8	03	5	2	8	4			6		6						
24	04	0118	43	43	42	30	25	32	8	05	2	7	6	3			6		7						
24	07	0117	44	44	43	31	28	24	8	05	2	6	6	2	2		7								
24	10	0118	45	44	43	31	27	20	8	61	6	8	7	2	2		7								
24	13	0112	45	44	43	31	27	24	8	51	6	8	6	2	2		7								
24	16	0113	45	44	44	31	27	06	8	51	5	8	6	2	2		7								
24	19	0132	45	45	44	31	22	05	8	51	5	8	6	2	2		7								
24	22	0137	45	44	44	31	18	06	8	51	5	8	6	1			7			30	37	589	0008	45	42
25	01	0140	45	44	44	32	16	04	8	51	5	8	6	0			7								
25	04	0142	45	44	44	32	19	10	8	10	5	8	6	1			7								
25	07	0150	45	45	45	31	24	20	8	51	5	8	6	2			7								
25	10	0153	45	45	44	32	17	20	8	10	5	6	6	2	2		7								
25	13	0153	46	45	44	31	17	24	8	10	2	6	6	2	2		7								
25	16	0152	45	45	44	32	17	24	8	20	2	5	6	2			7								
25	19	0152	45	44	44	32	19	03	8	51	5	8	6	1			7								
25	22	0149	45	44	43	32	20	20	8	10	5	4	6	2			7			30	37	589	0005	46	44
26	01	0144	45	44	43	33	16	24	8	50	2	6	6	2			7								
26	04	0125	45	44	43	32	25	16	8	51	5	4	6	3			7								
26	07	0118	45	44	44	32	26	06	8	50	5	8	6	2			7								
26	10	0111	46	45	44	32	27	32	8	20	5	4	6	2			7								
26	13	0099	47	46	45	33	29	24	8	10	2	8	5	2											
26	16	0090	46	45	44	32	27	32	8	10	2	5	8	3			6	7							
26	19	0084	46	45	44	33	29	32	8	03	2	8	6	3			7	8							
26	22	0072	46	45	44	34	31	32	8	02	2	3	6	3			8			33	40	524		47	44
27	01	0052	45	44	44	34	27	24	8	50	5	8	6	2			8								
27	04	0022	45	45	44	34	31	32	8	02	2	8	6	3			8								
27	07	0010	45	45	45	34	29	06	8	50	5	8	6	1			8								
27	10	0000	46	45	45	34	32	06	8	10	2	8	6	1			8								
27	13	9979	46	46	45	34	26	20	8	10	2	8	6	2			8								
27	16	9959	46	45	45	34	21	02	8	47	4	8	6	0			8								
27	19	9940	45	45	44	35	13	00	8	45	4	8	6	0			8								
27	22	9910	45	45	44	35	11	05	8	10	4	6	6	1			8			34	42	769		47	44

Results of Surface Observations,
MACQUARIE – Mar., 1957

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	9864	45	45	45	36	14	02	8	51	6	8	6	1	2		8								
28	04	9825	45	45	45	34	14	02	8	58	6	8	7	1	2		8								
28	07	9860	42	40	38	29	27	81	7	15	6	4	8	4			6								
28	10	9874	44	40	35	31	17	81	7	03	1	1	8	4	4	6	6		8						
28	13	9846	45	44	42	35	25	32	8	10	6	5	8	5	7										
28	16	9845	43	40	36	31	22	80	7	15	2	5	8	5	7	7	7	8							
28	19	9854	42	39	35	33	11	81	2	02	1	1	9	4	7	3									
28	22	9865	39	38	36	27	05	81	1	02	0	1	8	4			6			27	45	548	0014	46	38
29	01	9894	39	38	37	27	16	32	8	50	6	8	5	4											
29	04	9964	40	38	35	20	20	40	7	80	5	5	8	4			4								
29	07	0031	41	37	30	19	16	81	6	02	2	6	8	5											
29	10	0059	40	39	37	29	26	80	7	25	8	4	8	5			6								
29	13	0089	40	36	29	27	23	80	7	25	8	4	8	5			6								
29	16	0094	41	38	32	27	27	81	8	15	2	4	8	5	7		6								
29	19	0088	42	40	36	29	30	81	5	02	8	2	8	5	3		6								
29	22	0088	42	41	39	29	27	06	8	61	8	3	8	5	2		6			27	50	424	0017	43	38
30	01	0081	43	42	40	28	31	81	6	20	6	4	8	4			6								
30	04	0100	43	40	35	27	29	81	6	25	8	4	8	4			6								
30	07	0119	43	39	33	27	26	81	7	02	2	7	8	5			6								
30	10	0132	43	39	34	27	23	81	7	02	2	6	8	5			6								
30	13	0138	43	39	33	28	21	81	7	02	2	7	5	5			6								
30	16	0140	43	39	33	28	23	81	7	02	2	7	5	5			6								
30	19	0156	42	41	39	27	12	80	6	20	2	3	6	5			6								
30	22	0161	42	41	39	27	11	64	4	20	5	4	5	5			6			28	50	674	0006	43	41
31	01	0153	42	42	41	31	03	24	8	03	1	8	6	2			7								
31	04	0145	43	42	40	32	13	40	8	02	5	8	5	5			7								
31	07	0132	43	42	41	36	09	64	8	02	2	1	6	3	3	7	8	7	7						
31	10	0110	45	43	41	01	18	82	7	02	2	1	6	3	3	6	8	6	6						
31	13	0063	45	43	41	36	17	80	8	50	2	8	5	6			8								
31	16	0019	45	44	43	36	25	04	8	51	6	8	6	2	2		8								
31	19	0008	45	44	44	34	24	80	6	03	6	8	5	5			8								
31	22	0014	45	44	43	33	25	80	8	02	2	8	5	6			6			02	47	376	0002	45	41

Results of Surface Observations,
MACQUARIE — Apr., 1957

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	0010	45	44	43	33	26	81	6	02	2	4	8	4			7								
01	04	0006	45	45	44	34	23	24	8	50	5	6	6	2			8								
01	07	9999	45	44	43	35	20	16	8	15	2	5	5	3	7	7	8	7							
01	10	9987	46	45	44	35	23	16	8	20	5	6	6	2	7		8								
01	13	9963	45	45	45	34	23	16	8	05	5	3	6	2	7		8								
01	16	9961	44	44	43	33	14	80	4	05	6	1	6	3			8								
01	19	9955	44	43	42	34	16	80	5	05	1	1		4			8								
01	22	9956	44	42	41	32	12	80	0	05	1	0								34	35	550	0008	46	43
02	01	9948	43	42	41	34	11	80	0	05	0	0													
02	04	9937	44	43	42	29	16	80	7	03	1	7	5	5			8								
02	07	9945	41	39	34	26	07	80	8	02	1	3	8	5	1	7	6								
02	10	9950	43	40	35	28	19	81	4	15	1	3	8	5	3		6								
02	13	9953	41	39	36	28	22	81	5	15	3	4	8	5			6								
02	16	9958	41	37	31	29	21	81	3	27	3	3	8	5		3	6								
02	19	9964	39	37	33	28	16	81	6	02	3	3	2	5		6	6		6						
02	22	9959	40	37	33	29	17	81	3	02	3	3	2	5			6			29	39	400	0007	44	37
03	01	9949	40	38	36	30	19	81	1	02	0	1	2	5			6								
03	04	9936	39	38	36	26	04	32	8	61	1	6	7	4	2		6								
03	07	9939	38	37	35	00	00	81	8	02	6	3	8	5	2										
03	10	9948	41	37	31	19	13	81	5	15	3	4	8	5	4		4								
03	13	9963	41	38	32	22	13	81	5	27	1	4	8	5			4								
03	16	9981	39	36	32	25	13	82	6	15	1	4	8	5			5								
03	19	0008	38	36	32	25	14	82	4	87	1	3	8	5			5								
03	22	0024	37	35	32	23	13	82	4	15	1	2	8	5			5			30	37	369	0010	42	36
04	01	0046	37	36	33	22	06	80	6	87	1	4	8	5			5								
04	04	0071	37	36	34	23	06	82	6	15	1	5	8	5			5								
04	07	0094	39	37	35	29	13	81	7	80	1	4	8	5			6								
04	10	0101	41	38	31	29	13	82	2	15	1	3	8	5			6								
04	13	0105	41	38	32	26	15	82	7	25	1	7	8	5			6								
04	16	0108	40	37	32	30	12	82	8	02	2	6	8	5			7								
04	19	0109	41	38	33	31	14	82	8	02	2	6	8	5			7								
04	22	0100	43	41	37	33	19	82	8	02	2	8	8	5			7			34	29	260	0002	43	36
05	01	0085	43	43	43	34	19	16	8	53	5	8	5	5			8								
05	04	0082	45	45	45	32	16	08	8	53	5	8	5	5			7								
05	07	0092	45	45	45	33	18	16	8	61	6	6	7	1	2		7								
05	10	0097	45	45	45	33	14	04	8	51	6	6	6	1			8								
05	13	0111	45	44	43	00	00	80	8	60	5	1	7	3	2		7								
05	16	0118	44	43	43	31	08	64	7	02	6	2	5	5			7								
05	19	0117	43	43	42	00	00	64	8	02	2	8	5	5			7								
05	22	0115	43	43	42	34	05	02	8	47	2	8	6	0			8			34	27	437	0007	45	43
06	01	0084	44	43	43	36	10	02	8	43	4	8	6	0			8								
06	04	0044	46	45	45	34	24	24	8	61	6	8	7	1	2		8								
06	07	0025	46	46	46	33	27	16	8	61	6	8	7	1	2		8								
06	10	0018	46	46	46	33	25	05	8	58	6	8	7	1	2		8								
06	13	0068	44	43	41	29	13	82	5	02	6	4	6	3	7		6	7							
06	16	0095	44	42	40	29	19	81	7	05	2	7	6	4			6								
06	19	0122	40	37	32	28	20	82	2	01	5	2	5	4			6								
06	22	0131	41	38	33	29	19	82	5	02	1	5	5	4			6			29	37	287	0030	47	39
07	01	0117	42	39	33	30	26	81	5	02	1	5	5	4			6								
07	04	0092	43	42	39	31	33	80	7	05	2	3	8	4			6								
07	07	0082	45	43	41	31	32	16	8	10	2	6	6	3	2		7								
07	10	0071	45	44	43	31	32	16	8	21	5	4	6	2			7								
07	13	0059	45	44	42	31	30	16	8	05	5	5	6	2			7								
07	16	0039	45	44	42	31	35	16	8	20	5	8	6	5			7								
07	19	0035	45	44	44	31	34	08	8	53	5	8	5	5			7								
07	22	0042	45	44	44	31	27	08	8	50	5	8	5	5			7			33	46	570	0005	46	41
08	01	0046	45	44	44	31	22	08	8	50	5	4	6	1			7								
08	04	0044	45	44	44	31	24	08	8	51	5	5	6	1			7								
08	07	0043	45	45	44	31	23	16	8	50	5	6	6	2			7								
08	10	0045	45	45	44	32	24	20	8	51	5	5	6	3			7								
08	13	0036	46	45	44	32	26	24	8	10	5	5	6	3			7								
08	16	0021	45	44	43	32	28	32	8	02	2	3	5	3		3	7	7	7						
08	19	0008	44	44	43	32	29	40	8	20	2	5	6	3		8	7								
08	22	9986	44	43	43	32	31	32	8	50	5	5	6	3			7			31	50	717	0002	46	44
09	01	9966	45	44	43	33	33	32	8	50	5	8	6	4			7								
09	04	9954	45	44	42	32	31	40	8	20	5	8	6	5			7								
09	07	9945	45	44	43	33	31	24	8	50	5	8	6	3			8								
09	10	9933	45	45	45	33	32	12	8	61	5	6	7	3	2		8								
09	13	9946	44	43	42	30	17	40	7	15	5	4	5	3			6								
09	16	9968	43	40	35	29	22	81	7	03	1	7	8	5			6								
09	19	9988	43	40	35	30	16	82	7	02	2	7	5	5			6								
09	22	9996	42	40	36	32	13	82	2	01	2	2	8	5			6			31	48	810	0003	46	42

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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
		ub 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
10	01	9990	42	41	39	33	14	82	7	02	1	7	8	5			7								
10	04	9971	42	42	42	34	11	06	8	58	2	8	6	2	2		8								
10	07	9954	45	45	45	33	23	01	8	47	6	8	6	0			8								
10	10	9949	45	45	45	33	26	24	8	60	2	6	6	1	2		7								
10	13	9944	45	45	45	34	22	01	8	47	6	8	6	0			7								
10	16	9933	45	45	44	34	22	01	8	53	6	8	6	0			8								
10	19	9903	45	45	44	35	23	24	8	60	6	8	6	2	2		8								
10	22	9876	45	45	44	36	23	24	8	21	6	6	7	2	2		8			36	36	397	0007	46	42
11	01	9814	45	45	45	36	18	01	8	60	6	8	6	0	2		8								
11	04	9734	45	45	45	36	14	01	8	60	6	8	6	0	2		8								
11	07	9748	41	40	39	27	30	40	8	50	6	3	6	2			6								
11	10	9803	43	41	37	29	25	81	6	20	5	2	8	3	3		7								
11	13	9811	45	43	39	31	29	80	7	21	6	6	8	3	7		7	6							
11	16	9844	45	43	39	30	28	32	7	15	6	4	8	3			7								
11	19	9885	45	43	40	31	26	32	5	10	8	1	2	5	3		7	6							
11	22	9913	44	42	39	30	24	32	8	10	1	3	2	5	3		6	6		29	59	591	0036	46	41
12	01	9931	44	43	41	31	19	32	8	02	2	4	2	5	3		7	6							
12	04	9919	45	45	43	33	31	24	8	20	5	8	6	4			7								
12	07	9914	46	45	45	32	30	20	8	20	5	8	6	3			7								
12	10	9924	45	45	45	32	29	06	8	58	5	8	7	2	2		7	7							
12	13	9939	45	45	45	32	22	01	8	51	6	8	6	1	2		7								
12	16	9946	45	45	45	32	21	01	8	51	6	8	6	1	2		7								
12	19	9952	45	45	45	33	29	01	8	51	5	8	6	1	2		8								
12	22	9952	45	45	45	33	29	03	8	61	5	5	7	2	2		8			31	44	765	0003	46	44
13	01	9941	46	45	44	33	31	02	8	51	6	6	6	2	2		8								
13	04	9927	46	45	44	33	32	10	8	10	5	6	6	3	2		8								
13	07	9912	46	45	44	34	31	10	8	10	2	2	6	2	7	7	8	7	7						
13	10	9893	46	45	44	34	31	16	8	05	2	6	6	2	2		8								
13	13	9852	46	46	46	34	31	01	8	21	6	6	6	0	2		8								
13	16	9864	43	42	41	29	22	16	8	61	6	6	7	2	2		6								
13	19	9900	42	39	34	27	15	24	8	02	6	4	8	4	2		6								
13	22	9927	41	38	33	27	16	24	8	05	2	4	8	4	2		6			34	45	742	0008	47	40
14	01	9943	41	38	32	27	16	24	8	01	2	4	1	4	1		6								
14	04	9957	40	37	33	28	18	40	8	25	2	6	2	4			6								
14	07	9979	39	36	30	28	14	40	8	15	2	6	2	4			6								
14	10	9987	40	36	29	28	18	81	8	02	2	6	8	6			6								
14	13	9979	41	37	29	31	24	81	8	03	2	6	8	4			6								
14	16	9954	41	40	39	33	27	24	8	61	2	6	7	3			7								
14	19	9969	43	40	36	29	20	80	2	01	6	1	8	5			7								
14	22	9994	42	38	32	29	22	81	3	02	6	3	1	5			6			29	43	585	0009	43	37
15	01	0013	42	40	36	29	19	81	3	02	8	2	8	5			6								
15	04	0037	42	39	33	28	25	81	3	25	8	2	8	5			6								
15	07	0069	42	39	34	29	22	64	3	05	1	3	1	5		1	6		6						
15	10	0084	44	41	37	29	22	81	6	05	1	2	1	5	4	8	6	6	6						
15	13	0099	44	42	39	31	16	81	7	05	1	5	8	6			6								
15	16	0103	44	43	42	31	22	64	7	20	5	6	6	2	5	6	7	5	6						
15	19	0107	44	43	43	32	21	08	8	20	6	6	6	2	2		7								
15	22	0100	44	43	42	32	23	24	8	05	6	6	6	4	2		7			29	44	625	0005	45	40
16	01	0085	45	44	43	32	30	06	8	51	6	7	7	3	2		7								
16	04	0078	44	44	43	31	28	06	8	58	6	7	7	3	2		7								
16	07	0124	42	39	34	29	25	40	6	05	6	6	7	4			6								
16	10	0150	43	39	32	29	26	48	3	05	1	6	2	5			5								
16	13	0182	43	38	31	28	10	48	4	05	1	6	1	5			5								
16	16	0209	40	36	29	25	12	48	4	05	1	6	1	5			5								
16	19	0236	38	34	27	22	07	48	6	05	1	6	1	5			5								
16	22	0259	36	33	26	20	07	48	6	05	2	6	1	5			5			29	53	619	0007	45	33
17	01	0271	33	31	25	22	04	48	1	05	0	1	1	5			5								
17	04	0271	36	33	28	27	06	48	4	05	1	4	1	5			5								
17	07	0279	37	35	32	27	06	48	3	02	1	3	1	5			5								
17	10	0280	40	37	32	29	08	81	3	05	1	3	8	5		1	6		6						
17	13	0273	42	39	35	28	13	81	2	05	1	2	5	3		1	6		6						
17	16	0271	40	38	35	28	11	81	2	05	1	2	8	3		1	6		6						
17	19	0271	39	37	34	28	12	81	1	02	0	2	5	3			6								
17	22	0266	39	37	35	29	12	81	2	02	0	2	5	3			6			29	27	273	0000	42	32
18	01	0254	39	37	35	28	18	81	4	02	1	4	5	5			6								
18	04	0233	40	38	34	27	21	81	4	02	1	4	5	5			6								
18	07	0223	41	39	35	28	20	81	5	02	1	5	8	5			6								
18	10	0205	44	41	36	28	26	81	4	02	1	4	8	5	3		6	6							
18	13	0199	43	41	38	28	21	82	7	03	1	4	6	3			6								
18	16	0191	43	42	42	30	13	80	7	50	5	6	6	2			7								
18	19	0185	41	41	41	29	13	64	6	20	5	6	6	2			6								
18	22	0182	41	41	41	00	00	05	8	51	5	8	6	2			0			29	38	450	0000	44	39

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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
		sub × 10^{-1}	°F	°F	°F	° × 10	kt	VV	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	0181	40	40	40	29	04	08	6	50	5	6	6	2			6								
19	04	0180	39	39	39	00	00	16	6	50	5	6	6	2			5								
19	07	0174	40	39	38	26	11	82	1	40	5	1	6	0			6								
19	10	0172	41	40	39	23	04	81	3	40	0	3	6	2			5								
19	13	0164	44	42	39	26	14	81	2	40	0	2	6	2			6								
19	16	0161	42	41	39	25	19	81	2	40	0	2	6	2			6								
19	19	0168	41	40	39	00	00	81	2	40	0	2	6	2	3		0								
19	22	0168	42	41	40	00	00	81	8	40	2	6	6	2			0			25	28	291	0002	44	38
20	01	0159	42	41	41	00	00	40	8	50	5	6	6	2			0								
20	04	0144	41	41	41	25	02	40	7	50	5	5	6	2			5								
20	07	0135	41	39	36	25	02	80	2	40	2	2	6	2			5								
20	10	0125	44	41	37	25	02	80	2	40	0	1	6	0		4	5		6						
20	13	0102	43	41	38	26	14	80	6	40	1	2	6	0	7	1	6	6	6						
20	16	0090	42	42	42	26	12	24	7	40	1	5	4	3	8	4	6	6							
20	19	0084	42	42	41	27	13	24	8	28	4	8	3	2			6								
20	22	0069	42	41	40	30	18	32	7	02	1	8	3	6	2		6			29	33	183		46	39
21	01	0051	42	41	41	29	18	40	8	20	2	3	6	4		7	6		6						
21	04	0028	42	41	39	29	20	64	7	50	2	7	5	3			6								
21	07	0021	43	41	39	29	22	64	8	20	5	4	5	3		7	6		6						
21	10	0015	42	41	40	28	25	40	8	20	5	4	6	3		7	6		6						
21	13	0010	43	41	39	28	26	81	8	02	2	6	6	3		7	6		6						
21	16	0011	43	41	39	27	25	81	8	05	5	7	6	3		6	6		6						
21	19	0017	41	41	40	27	19	16	7	51	5	7	6	3			6								
21	22	0026	41	40	39	27	11	16	7	50	5	7	6	2			6			30	39	422	0001	44	40
22	01	0025	40	40	40	30	14	02	8	51	5	8	6	2			7								
22	04	0022	40	39	39	31	08	06	8	51	5	6	6	2			7								
22	07	0019	41	40	39	32	04	24	7	05	5	7	6	3	3		7	7							
22	10	0013	42	41	41	34	13	32	8	60	2	2	6	2			8								
22	13	9996	43	42	40	32	11	32	7	15	2	2	6	2	7		7	7							
22	16	9988	43	42	41	33	20	48	7	20	5	5	6	2	7		7	7							
22	19	9987	43	42	41	33	16	24	8	51	5	5	6	2	7										
22	22	9987	43	42	42	33	11	24	8	20	5	3	6	2			7			34	26	427	0003	44	39
23	01	9984	43	43	42	33	18	32	8	20	6	7	6	2			7								
23	04	9990	43	42	42	33	11	32	8	02	2	7	6	2			7								
23	07	9999	43	43	42	33	07	64	7	01	2	4	6	1			7								
23	10	0007	43	43	43	34	06	04	7	45	4	7	6	0	3		7	6							
23	13	0008	45	44	44	30	05	64	7	40	5	2	6	0	4	6	6	6	6						
23	16	0018	43	41	39	18	04	81	4	40	1	2	6	0	4	2	4	6	6						
23	19	0029	40	40	40	31	04	80	7	02	1	4	5	7	0	6	7		6						
23	22	0034	41	41	40	00	00	80	3	20	1	2	6	4			0			34	20	285	0003	45	39
24	01	0027	41	41	40	00	00	16	7	10	4	7	6	2			0								
24	04	0022	40	40	40	00	00	02	8	45	4	8	6	0			0								
24	07	0019	41	41	41	17	07	03	8	50	5	8	6	0			4								
24	10	0006	44	43	43	04	07	01	8	42	4	5	6	0	2		1	8							
24	13	9991	43	43	43	01	09	02	8	44	4	7	6	0	2		8	7							
24	16	9986	43	43	42	01	11	08	8	51	6	7	6	0	2		8	7							
24	19	9980	43	43	43	35	11	01	8	45	5	8	6	0				8							
24	22	9983	42	42	42	30	12	01	8	51	5	8	6	0			7			01	21	109	0001	44	34
25	01	9973	43	43	43	35	12	03	8	50	5	6	6	2				8							
25	04	9962	43	42	42	35	12	01	8	51	5	8	6	0				8							
25	07	9949	42	42	42	01	11	02	8	45	5	8	6	0				8							
25	10	9934	44	44	44	35	15	02	8	51	5	8	6	0				8							
25	13	9901	44	44	44	35	17	02	8	51	5	8	6	0			8								
25	16	9887	43	43	43	00	00	12	8	63	6	8	6	0	2		8								
25	19	9876	43	43	42	30	07	24	8	01	6	5	1	5	0	7	7								
25	22	9864	43	42	42	33	10	24	3	20	5	3	6	2			8			35	28	271	0002	45	42
26	01	9852	43	43	42	33	15	24	3	05	1	3	6	3			8								
26	04	9839	43	43	42	35	16	24	8	05	1	3	6	2		7	8								
26	07	9825	44	43	42	34	16	24	7	15	2	3	6	2		6	8								
26	10	9813	44	43	42	34	16	32	8	60	8	2	8	5	7	8	7	7	7						
26	13	9790	44	43	43	33	13	40	7	15	2	2	8	5	7		7								
26	16	9785	43	43	42	33	13	40	7	15	8	2	6	8	7		7	7							
26	19	9788	43	42	41	33	14	81	4	02	1	3	8	6			7								
26	22	9786	42	40	37	31	17	81	7	02	5	4	8	3			7			35	27	340	0029	44	42
27	01	9765	42	41	40	35	09	81	8	60	2	4	8	6	7		7								
27	04	9721	39	38	37	16	04	08	8	63	6	0	0	9	2										
27	07	9744	38	37	35	19	25	10	8	61	6	1	7	4	2		4								
27	10	9802	35	33	29	19	18	24	8	26	6	5	8	4			4								
27	13	9849	34	32	28	27	12	40	8	87	8	6	8	5			6								
27	16	9881	33	31	28	28	21	40	7	85	8	5	2	3			6								
27	19	9905	33	32	30	28	18	40	4	85	8	4	2	3			6								
27	22	9917	36	33	26	29	23	40	2	26	8	2	2	3			6			29	45	320	0050	42	31

Results of Surface Observations,
MACQUARIE – Apr., 1957

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	9931	37	35	31	30	27	40	2	87	8	2	2	5			6								
28	04	9950	38	35	30	28	23	40	3	02	1	3	2	5			6								
28	07	9970	39	35	30	30	21	56	7	15	2	7	2	5			6								
28	10	9988	39	35	28	28	16	80	3	15	2	3	2	5			6								
28	13	9986	39	36	31	34	11	82	7	15	1	3	8	5	7	5	6	6	6						
28	16	9976	39	36	31	07	07	82	8	15	2	1	8	5	7	7	7	6	6						
28	19	9951	39	37	35	11	17	05	8	79	6	6	7	4	2		3								
28	22	9904	41	41	40	11	18	03	8	63	6	8	7	2	2		2			29	45	518	0003	46	35
29	01	9863	45	45	45	01	22	02	8	51	6	8	6	0			8								
29	04	9847	44	44	44	35	14	00	8	45	5	8	6	0			8								
29	07	9844	43	43	42	34	22	32	6	15	4	3	8	4		8	7								
29	10	9833	44	42	39	34	25	40	3	05	1	3	8	6			7								
29	13	9816	43	42	40	34	27	16	8	50	2	5	6	2			7								
29	16	9819	43	42	41	31	25	16	7	80	8	5	6	2			7								
29	19	9829	43	41	38	32	23	16	3	80	1	3	2	4			7								
29	22	9839	43	41	38	32	22	16	7	25	8	7	2	4			7			30	40	355	0033	46	41
30	01	9850	42	40	36	31	22	24	6	80	8	6	2	4			7								
30	04	9853	41	39	36	31	11	24	8	05	1	3	1	4			7								
30	07	9855	39	38	36	00	00	24	8	61	6	0	0	9	2			7							
30	10	9864	41	39	35	27	10	82	7	15	6	4	2	4	2	6	6	7	8						
30	13	9876	41	38	34	28	13	82	7	02	2	7	8	5		8	6		7						
30	16	9892	40	38	34	31	14	82	7	15	2	2	8	4		6	6		7						
30	19	9907	41	39	35	33	13	81	7	80	2	2	8	4		6	7		7						
30	22	9916	42	40	38	34	09	81	7	02	2	5	8	6	3	6	7	6	7	30	30	475	0008	42	39

Results of Surface Observations,
MACQUARIE — May, 1957

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	9925	42	41	40	35	13	81	7	02	1	4	5	6	3		7	6							
01	04	9940	42	42	41	36	08	81	7	02	2	3	8	4	3		8	7							
01	08	9959	43	42	40	36	12	82	7	02	2	1	6	3		6	8		7						
01	10	9964	43	41	38	02	16	82	7	02	2	1	6	3	4	6	8	7	7						
01	13	9964	43	41	38	01	17	82	7	03	2	1	6	3	4	6	8	7	7						
01	16	9950	43	41	38	02	05	82	7	02	2	3	6	4	4	6	8	7	7						
01	19	9937	45	44	43	36	27	24	8	21	6	6	7	2	2		8								
01	22	9933	45	44	43	36	18	16	8	61	6	5	7	4	2		8			02	48	315		45	42
02	01	9924	45	45	44	01	12	16	8	61	6	6	7	2	2		8								
02	04	9912	44	43	43	35	09	02	8	47	6	8	6	0	2		8								
02	07	9914	44	43	43	36	04	03	8	51	6	8	6	0	2		8								
02	10	9919	43	43	43	32	04	02	8	45	4	8	6	0	0	7	7								
02	13	9916	42	42	42	30	04	00	8	45	4	8	6	0	0										
02	16	9905	42	42	42	30	02	00	8	45	4	8	6	0	0										
02	19	9904	43	43	42	32	04	00	8	45	4	8	6	0	0		7								
02	22	9906	43	43	42	34	09	00	8	45	4	8	6	0			8			01	21	304	0025	46	42
03	01	9905	43	43	43	34	14	16	8	28	4	6	5	6	7		8								
03	04	9911	43	43	43	32	09	20	8	10	2	8	6	2			7								
03	07	9931	42	42	41	30	14	81	7	15	2	4	6	3			6								
03	10	9941	40	38	35	28	21	40	6	20	5	4	8	4			6								
03	13	9948	40	37	32	29	22	80	7	15	8	7	2	4			6								
03	16	9946	40	36	29	29	25	80	8	27	8	6	8	4			6								
03	19	9941	41	39	35	32	19	16	8	50	5	8	8	5			7								
03	22	9922	43	41	37	34	21	24	8	25	8	7	8	4			7			29	39	220	0004	43	37
04	01	9890	43	42	42	35	30	01	8	53	6	6	6	2			8								
04	04	9881	40	39	39	27	16	16	8	53	5	8	6	2			6								
04	07	9893	39	38	36	26	02	24	8	02	5	2	5	5	2		6								
04	10	9898	41	39	36	18	03	81	8	05	2	8	8	5			4								
04	13	9909	41	38	34	19	11	80	8	20	6	3	5	5	2		4	5							
04	16	9932	41	38	33	19	14	81	7	15	2	3	8	4	2	7	4	5							
04	19	9962	40	37	33	20	10	81	3	02	1	1	8	4		8	4								
04	22	9985	39	37	33	22	09	81	6	02	5	6	8	6			4			36	38	470	0004	43	39
05	01	0003	39	36	30	28	08	81	8	02	5	8	8	6			4								
05	04	0006	38	36	33	27	10	81	3	20	5	2	8	5			5								
05	07	0001	41	38	34	32	16	82	1	02	1	1	5	5	7	5	7	5	5						
05	10	9979	42	40	37	34	21	40	7	03	2	5	6	5	7		7								
05	13	9936	43	42	40	34	23	40	7	05	2	4	6	2			7								
05	16	9893	43	42	41	34	29	24	8	60	6	4	6	2	2		8								
05	19	9827	44	43	43	34	30	08	8	61	6	6	7	2	2		8								
05	22	9797	44	43	42	31	26	16	8	21	6	5	7	2	2		7			29	49	277	0001	44	38
06	01	9791	41	40	38	29	32	16	6	80	8	3	8	4			6								
06	04	9792	41	39	34	28	27	24	7	25	8	7	2	4			6								
06	07	9798	39	37	34	28	31	40	7	80	8	7	2	4			6								
06	10	9789	40	38	33	28	27	81	2	25	8	2	2	5			6								
06	13	9765	40	38	34	29	22	80	7	25	1	2	2	5	2	6	6	6	6						
06	16	9722	39	38	37	30	11	20	8	61	6	6	7	3	2	7	6								
06	19	9743	39	37	33	28	27	80	6	27	6	6	2	4		8	6		6						
06	22	9759	37	35	33	27	28	81	2	27	8	2	2	5			6			27	58	662	0038	42	35
07	01	9779	37	33	25	27	29	81	4	27	8	4	2	5			6								
07	04	9801	34	33	30	28	36	01	6	86	8	6	2	5			6								
07	07	9842	36	31	22	28	32	80	8	15	8	2	8	5			6								
07	10	9860	36	32	24	27	29	40	8	27	5	2	8	5			6								
07	13	9882	37	33	27	27	30	32	8	87	8	3	8	5			6								
07	16	9893	36	32	25	27	27	32	7	15	8	5	8	5			6								
07	19	9905	36	33	26	27	25	32	8	50	8	4	8	5			6								
07	22	9891	37	34	27	28	16	32	8	02	8	5	8	5			6			29	64	596	0020	38	33
08	01	9839	35	34	33	34	14	08	8	68	7	6	7	3	2		8								
08	04	9741	34	34	33	04	09	08	8	71	7	4	7	3	2		1								
08	07	9673	45	43	42	31	31	16	8	21	7	7	7	3	2		7								
08	10	9649	44	42	40	32	30	24	7	21	6	2	8	4		8	6								
08	13	9631	41	40	39	32	32	32	7	50	6	2	7	3	2		6	6							
08	16	9666	42	41	40	28	28	20	7	25	5	5	8	3			6								
08	19	9823	35	32	26	20	23	40	8	26	8	3	8	5			4								
08	22	9874	34	30	23	26	23	48	7	26	8	4	8	5			5			29	58	556	0037	45	32
09	01	9905	35	30	19	28	32	48	7	25	8	2	8	5			5								
09	04	9924	35	30	18	28	27	81	7	02	8	2	8	5			6								
09	07	9941	35	31	21	28	09	82	7	15	2	2	8	5			6								
09	10	9957	34	32	28	20	09	81	3	27	8	2	8	5			5		5						
09	13	9966	35	33	29	28	11	81	2	27	1	2	9	5		3	5		5						
09	16	9977	36	32	23	28	21	80	4	15	1	1	9	5		3	5		5						
09	19	0002	32	31	29	22	13	40	5	85	8	4	9	5		3	5		5						
09	22	0006	33	33	32	27	19	40	5	26	8	4	9	5		3	5		5	28	51	550	0003	37	31

Results of Surface Observations,
MACQUARIE – May, 1957

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	9997	34	33	32	28	24	40	6	27	8	4	9	5		3	5		5						
10	04	0005	35	32	26	28	29	81	2	02	8	1	8	5			5								
10	07	0022	32	31	27	27	18	81	2	27	8	2	9	5		3	5		5						
10	10	0033	34	32	27	27	12	48	3	27	8	1	9	5		3	6		5						
10	13	0026	36	31	21	26	23	64	7	27	8	3	2	5		6	6	5	5						
10	16	0022	36	32	25	28	21	40	8	15	8	6	8	5			6								
10	19	0007	34	33	32	29	05	24	8	71	7	2	6	2	1		6								
10	22	9981	34	34	33	02	05	08	8	71	7	2	6	2	2		7			29	63	448	0006	37	31
11	01	9944	37	37	36	06	02	08	8	61	7	2	6	2	2										
11	04	9906	41	40	40	34	12	40	8	03	1	3	6	2			8								
11	07	9869	41	41	40	06	04	40	7	05	5	3	6	2	4		8								
11	10	9841	41	41	41	03	04	10	8	58	5	6	7	2	2		8								
11	13	9792	41	41	41	09	05	20	8	51	6	7	6	2	2		2								
11	16	9769	41	41	41	07	03	01	8	44	6	7	6	0	7		2								
11	19	9762	40	40	40	00	00	00	8	60	5	8	6	0	2		0								
11	22	9765	42	41	40	28	13	10	8	58	6	6	7	2	2		6			27	29	273	0015	42	36
12	01	9778	41	40	39	27	19	80	7	20	6	6	6	2	2										
12	04	9795	40	39	38	28	23	08	8	80	8	4	8	2	2		6								
12	07	9821	38	36	33	28	22	81	7	02	8	7	6	4	4		6								
12	10	9845	39	37	33	27	18	81	7	02	8	7	6	5	5		6								
12	13	9859	40	38	35	29	17	81	7	16	2	7	5	5	5		6								
12	16	9871	40	38	36	30	16	64	8	60	2	7	5	5	5	2	6	6	6						
12	19	9875	41	40	39	34	15	80	8	03	1	8	5	5	5		7								
12	22	9863	42	42	42	01	16	04	8	51	6	8	6	0		2	8			28	36	293	0018	43	37
13	01	9860	43	42	41	32	17	80	3	02	1	3	6	4			7								
13	04	9854	43	42	42	35	16	24	7	03	1	7	5	5			8								
13	07	9829	44	44	43	01	12	10	8	61	2	6	7	0	2		7								
13	10	9793	43	43	43	29	11	16	7	50	6	6	6	2			7								
13	13	9780	42	41	40	32	23	16	8	61	6	6	7	2	2		7								
13	16	9780	42	41	40	32	18	32	6	05	6	4	8	5	0	2	7		7						
13	19	9782	42	41	39	32	18	32	7	02	2	7	6	5			7								
13	22	9776	42	41	39	31	26	24	8	50	8	6	8	4			7			32	35	391	0007	45	39
14	01	9802	39	37	35	19	18	16	8	51	8	8	8	5			4								
14	04	9861	35	33	27	20	20	40	8	80	8	4	8	5			4								
14	07	9914	34	31	26	20	14	40	8	85	8	5	8	5			5								
14	10	9939	35	31	23	24	09	80	4	26	8	4	2	5			5								
14	13	9964	34	31	26	22	13	82	7	26	8	7	8	6			5								
14	16	9986	32	29	23	25	04	82	1	01	2	1	8	5			5								
14	19	9996	38	34	26	29	21	82	7	26	1	7	8	6		8	5		6						
14	22	9998	38	37	35	30	30	81	7	27	8	3	8	5			6			31	42	452	0013	40	32
15	01	0022	37	35	31	27	14	82	5	27	8	5	1	5			5								
15	04	0051	36	34	31	28	14	82	7	27	8	4	8	5			5								
15	07	0080	35	31	23	28	17	81	8	02	8	5	8	6			5								
15	10	0091	38	34	27	28	13	81	8	02	2	8	8	6		7	5		5						
15	13	0087	39	37	32	31	21	81	8	02	2	8	8	6			5								
15	16	0086	40	37	32	30	23	80	8	25	8	3	8	5	3	8	6	5	6						
15	19	0079	41	40	37	32	19	80	8	03	3	3	5	6	3	7	6	6	5						
15	22	0071	42	41	40	33	25	80	8	21	6	6	5	5	1		7			33	37	349	0003	42	35
16	01	0063	42	42	41	33	25	80	8	02	2	5	6	5	1		7								
16	04	0044	42	42	41	33	26	40	8	50	2	6	6	3			7								
16	07	0021	43	42	41	34	31	40	8	02	2	6	7	3	2		8								
16	10	9971	44	43	41	34	37	16	8	21	6	5	7	2	2		8								
16	13	9920	45	43	42	34	43	16	8	61	6	7	7	2	2		8								
16	16	9923	45	44	43	33	32	08	8	61	6	7	7	2	2		8								
16	19	9957	41	40	38	27	31	16	8	21	6	8	7	4	4		6								
16	22	0014	41	38	34	29	26	24	3	05	1	1	3	4	4		6			34	53	579	0004	45	40
17	01	0050	42	40	37	31	30	08	1	05	0	1	1	4			7								
17	04	0061	43	41	38	31	32	16	6	05	1	0	2	9	3		7								
17	07	0099	43	42	40	31	31	20	6	05	2	6	6	4			7								
17	10	0120	43	42	41	31	24	20	8	50	2	6	6	3			7								
17	13	0136	43	42	41	32	19	10	8	05	2	6	6	3			7								
17	16	0149	43	42	42	32	17	04	8	05	2	6	6	2	7		7	6							
17	19	0166	43	43	42	32	16	04	8	05	2	6	5	3	7		7	6							
17	22	0176	43	42	41	31	17	04	7	05	2	6	4	3	3		7	6		32	45	759	0013	44	41
18	01	0181	43	42	41	32	17	06	7	05	2	6	6	3			7								
18	04	0186	42	42	42	33	17	06	8	51	5	6	5	2			7								
18	07	0190	41	41	41	34	15	81	7	15	5	7	5	5	3		7	7							
18	10	0187	42	41	40	35	16	81	8	03	2	8	5	6	3		7	7							
18	13	0172	43	41	38	35	17	80	8	02	2	8	5	6			7								
18	16	0167	43	41	39	34	17	80	8	02	2	8	5	6			7								
18	19	0159	42	41	40	35	17	80	8	02	5	8	5	5			7								
18	22	0149	42	41	40	35	17	80	8	20	5	8	5	5			8			35	29	408	0001	43	41

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	0132	42	41	39	01	14	81	6	01	2	6	5	5			8								
19	04	0122	42	42	41	36	16	24	8	51	2	8	6	3			8								
19	07	0120	43	42	41	36	15	20	6	10	5	6	5	5			8								
19	10	0117	43	42	41	35	16	32	7	05	2	6	5	6	3		8	7							
19	13	0114	43	42	41	36	18	32	6	05	2	5	5	3	3	5	7	7	7						
19	16	0117	43	42	41	01	13	24	5	05	2	3	5	5	3		8	7							
19	19	0116	43	41	40	36	11	24	8	05	2	6	8	5			8								
19	22	0116	42	40	37	01	14	24	8	05	2	8	8	5			8			02	30	421	0001	44	42
20	01	0111	42	40	38	01	14	24	7	05	2	3	5	5			8	7							
20	04	0106	42	40	38	01	12	24	8	05	2	8	5	5			8								
20	07	0114	41	41	40	36	07	24	8	50	5	4	6	2			8								
20	10	0113	41	41	40	01	08	81	8	05	2	6	6	2	2		8								
20	13	0107	40	40	40	01	03	80	8	40	2	7	6	0	2		8								
20	16	0102	39	39	39	11	03	00	7	46	4	7	6	0		6	2		7						
20	19	0096	38	38	38	13	08	00	8	51	4	8	6	0			3								
20	22	0085	38	38	38	15	13	00	8	51	5	8	6	0			4			02	21	317		42	37
21	01	0068	38	38	38	17	16	00	8	51	5	8	6	0			4								
21	04	0048	39	39	39	17	20	00	8	51	5	8	6	0			4								
21	07	0033	41	41	41	17	16	00	8	51	5	8	6	0			4								
21	10	0016	41	41	41	17	15	00	8	60	5	8	7	0	2		4								
21	13	9995	42	42	42	17	12	00	8	58	6	8	7	0	2		4								
21	16	9993	42	42	42	17	08	00	8	45	5	8	6	0			4								
21	19	9995	42	42	42	18	05	00	8	45	4	8	6	0			4								
21	22	9989	42	42	42	17	09	01	8	60	4	8	7	0			4			17	23	274	0008	43	38
22	01	9984	42	42	42	17	11	02	8	51	5	8	6	0			4								
22	04	9982	42	42	42	17	12	02	8	45	5	8	6	0			4								
22	07	9984	42	42	42	17	10	01	8	45	4	7	6	0			4								
22	10	9985	42	41	41	17	09	02	8	42	4	7	6	0	2		4								
22	13	9972	42	42	42	00	00	02	8	47	4	8	6	0			4								
22	16	9964	42	42	42	00	00	01	8	45	4	8	6	0			4								
22	19	9956	41	41	41	29	08	16	5	10	4	5	6	2			6								
22	22	9945	40	40	40	27	11	01	8	50	5	8	6	0			6			26	19	247	0029	43	39
23	01	9928	38	37	35	28	15	16	8	50	5	8	6	2			6								
23	04	9907	37	36	34	29	12	24	8	05	2	5	1	4		7	6								
23	07	9895	37	36	35	26	11	16	8	50	5	5	6	2			6		1						
23	10	9888	37	33	26	27	15	81	7	15	5	3	6	2		4	6		8						
23	13	9854	37	32	23	27	16	82	7	26	2	7	8	2			6								
23	16	9827	36	32	22	30	22	82	5	02	1	8	8	2			6		7						
23	19	9763	37	35	32	34	32	81	5	87	8	5	2	5		5	7		7						
23	22	9739	35	34	31	29	18	32	6	26	8	6	2	4			6			33	44	224	0006	40	33
24	01	9731	33	30	25	28	17	81	4	26	8	4	2	5			6								
24	04	9731	31	29	23	27	18	82	5	02	1	5	2	5			6								
24	07	9741	30	30	29	29	16	82	3	15	8	5	3	4		3	6		5						
24	10	9723	32	31	29	31	23	81	7	27	8	5	8	4		3	6		6						
24	13	9701	33	32	29	29	29	01	8	86	8	8	9	4			6								
24	16	9703	32	31	29	28	25	80	5	15	8	8	9	4		3	6								
24	19	9714	33	31	28	28	25	80	5	87	8	4	9	4		3	6								
24	22	9723	33	32	29	27	25	81	6	27	8	5	9	4		3	6			29	65	492	0008	35	29
25	01	9730	32	31	28	27	28	81	5	27	8	3	9	4		3	6								
25	04	9749	32	31	29	28	33	81	3	88	8	3	9	4		3	6								
25	07	9778	34	33	30	27	31	64	6	27	8	6	2	4			6								
25	10	9802	31	31	30	28	14	02	7	85	8	7	2	5			6								
25	13	9810	32	30	26	27	27	32	5	26	8	4	9	4		1	6								
25	16	9812	33	30	23	28	23	32	7	27	8	7	9	4			6								
25	19	9813	32	31	29	28	20	32	3	27	8	3	2	4			6								
25	22	9816	34	31	25	27	21	32	4	27	8	4	2	4			6			29	61	676	0018	35	30
26	01	9808	35	33	29	27	23	32	6	27	8	6	2	4			6								
26	04	9795	35	34	32	27	18	32	7	27	8	7	2	5			6								
26	07	9785	35	34	33	27	05	32	7	15	2	7	2	5			6								
26	10	9765	37	36	35	35	07	24	8	61	6	6	7	3	2		8								
26	13	9729	40	38	36	32	20	81	7	25	6	1	2	4	7	6	7	6	6						
26	16	9722	37	37	36	29	16	32	8	61	6	3	7	3	7		6	6							
26	19	9724	36	35	32	29	17	32	7	50	6	4	5	5	3		6	6							
26	22	9703	37	34	29	30	25	40	6	27	8	3	8	4			6			31	52	464	0005	40	31
27	01	9746	31	31	30	21	26	10	6	85	8	3	8	4			6								
27	04	9810	32	29	21	28	29	48	7	26	8	4	8	5			6								
27	07	9851	32	29	23	25	30	81	7	27	8	6	2	5			5								
27	10	9888	31	30	27	25	15	64	8	27	8	6	2	5		7	5		5						
27	13	9915	31	30	27	24	11	80	7	16	8	3	2	5	3	2	5	5	5						
27	16	9930	32	30	26	26	18	80	7	27	8	4	2	5		6	5		5						
27	19	9951	32	29	22	19	20	24	5	88	8	5	2	5		3	5		5						
27	22	9978	31	27	19	22	11	24	8	85	8	6	2	5			5			29	62	489	0012	34	28

Results of Surface Observations,
MACQUARIE – May, 1957

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	0000	33	30	22	21	21	80	6	26	8	6	1	5			5								
28	04	0021	33	29	21	20	20	64	8	20	5	8	5	6			4								
28	07	0040	33	30	24	20	26	64	8	02	2	4	5	5			4								
28	10	0046	33	29	19	20	25	24	7	02	2	7	2	5			4								
28	13	0047	35	32	28	20	28	16	6	50	5	6	8	5			5								
28	16	0063	35	34	32	19	20	12	8	51	8	5	8	5			4								
28	19	0081	36	35	31	19	22	12	8	80	5	6	8	5			4								
28	22	0091	36	34	29	19	24	12	8	51	5	4	8	5			4			20	51	523	0005	37	31
29	01	0103	35	33	30	18	27	12	8	51	8	6	8	5			4								
29	04	0114	35	33	28	18	23	12	8	51	8	6	8	5			4								
29	07	0128	34	33	32	19	24	12	8	51	8	5	8	5			4								
29	10	0133	34	31	26	19	30	10	8	87	8	6	8	5			4								
29	13	0133	34	32	27	17	32	48	7	27	8	5	8	5			4								
29	16	0140	34	31	27	17	32	24	7	27	8	5	8	5			4								
29	19	0156	34	32	29	18	23	10	8	87	8	6	8	5			4								
29	22	0157	34	31	27	18	29	10	8	87	8	6	8	5			4			17	46	628	0003	36	32
30	01	0160	34	31	27	17	28	24	8	27	8	5	8	5			4								
30	04	0164	33	31	25	16	27	24	7	05	8	3	8	5			4								
30	07	0169	34	31	25	17	23	24	8	05	2	8	8	6			4								
30	10	0167	34	31	25	19	12	64	7	02	2	4	8	5			4								
30	13	0150	34	31	26	19	08	64	8	02	2	5	8	5			4								
30	16	0134	33	32	30	26	07	16	8	71	2	3	6	4	2		5								
30	19	0110	35	34	32	28	14	16	8	20	7	6	6	4			6								
30	22	0093	35	34	32	25	09	08	8	68	7	0	0	9	2		5			16	39	701	0002	37	32
31	01	0080	37	36	34	25	13	24	8	20	7	8	6	4			5								
31	04	0080	36	35	31	19	13	64	6	20	1	6	5	5			5								
31	07	0090	36	34	29	19	16	64	4	02	1	4	5	5			4								
31	10	0089	36	34	31	19	04	32	8	05	2	8	5	5			4								
31	13	0077	38	37	35	23	09	16	8	61	6	4	6	2	2		5								
31	16	0080	39	38	37	00	00	16	8	50	6	5	6	2			5								
31	19	0084	37	35	33	27	12	16	8	50	5	6	6	3			6								
31	22	0088	36	35	33	28	13	32	8	02	5	5	6	4			6			20	34	301	0009	39	35

Results of Surface Observations,
MACQUARIE — Jun., 1957

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	01	0085	37	36	34	29	11	32	8	02	2	8	5	5			6								
01	04	0076	39	39	38	33	14	04	8	53	6	7	6	1			7								
01	07	0078	41	40	39	31	13	32	8	55	5	4	6	2			7								
01	10	0077	41	40	40	32	12	81	7	50	5	6	6	3			7								
01	13	0064	41	41	40	33	21	32	7	51	5	6	6	2			8								
01	16	0062	41	41	40	33	18	10	7	50	5	6	6	3			8								
01	19	0063	41	40	39	33	14	48	7	05	6	5	6	1	2		8	6							
01	22	0065	41	41	41	34	09	05	6	58	6	4	6	1	2		8	6		33	28	279	0005	41	36
02	01	0066	41	41	41	33	13	05	8	58	6	6	6	2	2		7	6							
02	04	0077	40	39	38	28	07	32	7	20	6	2	6	4			6								
02	07	0090	40	39	39	30	12	40	8	05	6	1	6	3			7								
02	10	0098	41	41	40	31	20	24	8	50	6	1	6	3			7								
02	13	0103	41	40	40	31	18	32	8	02	6	2	6	3		7	7		6						
02	16	0108	41	40	39	31	19	40	8	02	6	2	6	3		7	7		6						
02	19	0102	41	41	40	32	18	16	8	51	5	2	6	3		7	7		6	33	34	344	0009	42	39
02	22	0079	42	41	41	32	24	08	8	51	5	7	6	2		7	7		6						
03	01	0033	42	42	42	33	26	04	8	63	6	8	7	2	2		8								
03	04	9986	43	43	43	32	30	04	8	63	6	8	7	2	2		7								
03	07	9972	43	43	42	31	26	04	8	63	6	8	7	2	2		7								
03	10	9962	43	43	42	31	23	05	8	61	6	8	7	2	2		7								
03	13	9967	43	43	42	28	19	04	8	51	6	8	7	2	2		6								
03	16	9974	42	42	42	28	21	01	8	51	5	8	6	2	2		6								
03	19	9969	42	42	42	30	18	01	8	51	5	8	6	2	2		6								
03	22	9951	42	42	42	32	16	01	8	51	5	8	6	0	2		7			33	42	1580	0048	44	41
04	01	9929	42	42	42	31	23	01	8	45	5	8	6	0			7								
04	04	9898	41	41	41	32	24	24	7	80	5	7	6	4			7								
04	07	9866	42	41	39	31	32	16	8	80	5	5	6	4			7								
04	10	9847	41	39	37	30	32	10	7	50	5	5	6	3			6	6							
04	13	9834	39	38	37	29	31	08	8	61	5	5	6	4	2		6	6							
04	16	9833	37	36	34	28	35	04	8	80	6	5	6	3	2		6								
04	19	9843	35	35	33	27	37	04	8	87	8	5	6	4			6			28	70	1583	0005	43	35
04	22	9849	36	35	32	28	34	06	8	87	8	5	6	4			6								
05	01	9873	37	35	32	28	26	06	8	87	8	6	6	4			6								
05	04	9905	36	34	31	25	27	16	8	87	8	4	6	4			6								
05	07	9933	35	34	32	25	30	10	8	50	8	6	6	4			5								
05	10	9967	35	31	25	26	30	24	8	05	2	3	6	4			5								
05	13	9992	36	33	27	23	21	48	7	57	2	6	5	4			5								
05	16	0008	36	33	28	22	17	32	7	87	2	5	6	4			5		5						
05	19	0032	35	33	27	22	13	48	7	03	2	2	6	4			5								
05	22	0035	36	33	27	25	15	40	8	02	2	3	6	4	1		5			26	62	724	0022	37	34
06	01	0025	34	34	33	27	11	04	8	71	2	8	7	2	2		6								
06	04	9972	36	36	36	35	14	04	8	61	7	8	7	2	2		8								
06	07	9916	42	42	42	31	21	03	8	53	6	8	7	2	2		7								
06	10	9894	42	42	42	29	21	08	8	61	6	8	7	2	2		6								
06	13	9891	40	40	39	28	34	08	8	51	6	8	7	2	2		6								
06	16	9914	39	39	39	27	27	08	8	51	5	8	7	2	2		6								
06	19	9922	39	39	39	27	23	08	8	51	5	8	6	2	2		6								
06	22	9911	40	40	39	28	18	08	8	50	5	8	6	2	2		6			27	63	416	0029	42	33
07	01	9904	40	40	40	28	16	08	8	50	6	8	6	2	3		6								
07	04	9917	39	38	37	27	32	16	8	50	5	8	6	3	3		6								
07	07	9944	39	39	39	27	28	16	8	51	5	8	6	3	3		6								
07	10	9963	41	40	39	27	26	12	8	50	5	4	6	3	3		6								
07	13	9967	41	41	41	30	17	16	7	20	5	6	6	3	3		6								
07	16	9970	41	40	40	29	18	12	7	50	5	5	6	3	3		6								
07	19	9961	41	41	40	31	21	20	7	20	5	5	6	3	3		6			28	53	640	0009	42	38
07	22	9938	41	40	40	32	16	16	8	02	5	2	6	3		7	6								
08	01	9896	41	41	40	33	11	16	8	20	5	5	6	2	4		8								
08	04	9872	40	39	39	31	05	20	8	51	5	8	6	4	2		7								
08	07	9868	40	40	39	27	12	24	8	02	5	6	6	4	2		6								
08	10	9882	40	40	40	27	16	16	8	20	5	5	6	4	2		7		6						
08	13	9875	41	40	39	31	23	16	8	50	5	5	6	4	2		7								
08	16	9872	41	40	39	31	18	24	8	50	5	5	6	4	2		7								
08	19	9858	40	40	39	30	17	24	7	20	5	5	6	4	2		6			30	31	413	0011	41	38
08	22	9855	39	39	38	30	18	16	8	50	5	8	6	4	4		6								
09	01	9824	40	39	37	33	11	24	5	01	6	5	6	4	2		7								
09	04	9745	41	41	41	35	18	16	8	61	7	6	7	2	2		8								
09	07	9671	41	41	40	36	14	12	8	63	7	6	6	2	2		8	7							
09	10	9641	40	39	39	33	11	64	7	21	8	6	6	4	7		7								
09	13	9615	38	37	34	36	04	80	7	02	8	3	6	3	1		8								
09	16	9621	36	36	35	26	04	32	8	50	8	4	6	2	2		6								
09	19	9655	37	37	37	15	07	48	8	20	8	2	6	2	2		5								
09	22	9717	39	39	39	17	24	48	8	02	8	8	6	2	2		4			36	41	441	0014	42	35

Results of Surface Observations,
MACQUARIE — Jun., 1957

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	9803	41	40	39	18	27	48	8	02	22	8	6	2			4								
10	04	9875	40	39	38	18	27	48	8	01	22	3	6	4			4								
10	07	9944	38	37	35	19	26	16	7	05	25	7	1	4			4								
10	10	9977	38	36	33	19	19	16	7	20	55	6	6	3			5								
10	13	0006	35	34	32	22	12	32	6	20	55	4	6	2			5								
10	16	0020	34	33	32	21	04	24	8	05	55	8	6	3			5								
10	19	0022	33	33	31	00	00	24	8	20	55	3	6	4			7								
10	22	9998	36	35	33	34	14	24	8	50	55	3	6	4			7			20	44	461	0004	41	33
11	01	9942	38	37	35	36	19	16	8	60	66	8	6	4	2		8								
11	04	9860	40	39	38	36	30	08	8	58	66	8	7	2	2		8								
11	07	9802	40	39	37	30	39	16	8	20	66	8	6	4			6								
11	10	9849	39	37	33	28	37	32	7	20	62	7	5	2			5								
11	13	9899	37	34	30	25	33	64	7	27	74	8	8	4			5								
11	16	9945	36	33	28	23	12	64	8	02	64	4	8	5			5								
11	19	9970	36	33	28	28	16	64	8	03	42	2	2	5			6								
11	22	9971	35	33	30	28	19	80	8	02	22	2	2	5		8	6	6		28	62	459	0010	43	34
12	01	9960	35	34	32	28	19	80	8	03	88	8	8	5		7	6								
12	04	9949	36	33	28	28	21	80	8	21	82	8	1	5	3		6								
12	07	9952	37	33	25	28	20	80	7	02	22	8	8	5		2	6	6							
12	10	9951	38	35	29	28	21	64	6	02	33	2	2	5	5	7	6	5	5						
12	13	9935	39	36	31	28	18	64	7	02	56	2	1	5	3		6	5							
12	16	9925	37	36	34	28	12	64	8	02	66	1	6	5	2		6								
12	19	9897	40	40	39	31	22	16	8	61	65	6	6	3	2		6								
12	22	9887	41	41	40	30	26	16	8	51	66	8	6	2	2		7			29	45	1528	0006	41	34
13	01	9881	41	40	40	30	26	16	8	51	55	8	6	2			7								
13	04	9857	41	40	40	30	31	24	8	50	55	8	6	2			7								
13	07	9833	42	41	40	31	32	16	8	50	55	8	6	2			7								
13	10	9807	42	41	40	32	30	24	8	50	55	8	6	3			7								
13	13	9768	42	41	41	32	31	24	8	60	56	8	7	2			7								
13	16	9798	36	35	35	29	24	05	8	50	58	7	6	4	2		7								
13	19	9818	37	35	32	29	35	24	8	83	73	6	6	5	2		7								
13	22	9829	38	34	26	29	34	80	2	02	33	1	5	5		3	7			29	56	618	0010	43	35
14	01	9843	38	34	27	29	28	80	8	03	33	2	5	5			7								
14	04	9847	37	33	25	28	22	80	8	02	23	3	5	5		7	7								
14	07	9860	36	33	26	28	16	80	8	27	34	8	5	5		6	6								
14	10	9870	34	32	28	24	13	16	7	85	52	8	9	5		7	5								
14	13	9891	32	28	19	21	16	64	7	22	23	8	9	5	2	3	5	5							
14	16	9918	31	28	22	24	09	64	6	27	23	8	2	5		1	5		6						
14	19	9945	28	26	21	28	11	64	6	27	23	8	2	5			5								
14	22	9978	29	26	21	20	12	64	7	27	38	7	2	5			5			30	42	690	0007	39	28
15	01	0003	29	27	24	21	05	08	8	85	88	8	2	5			5								
15	04	0011	31	28	21	29	11	64	8	27	87	3	2	5			5								
15	07	0005	33	32	30	33	26	32	7	15	74	7	2	5			7								
15	10	9987	36	33	27	36	22	80	4	03	46	8	2	5		1	7								
15	13	0029	36	31	21	28	20	80	6	02	46	8	2	5			7								
15	16	0050	36	33	27	28	22	80	7	27	46	8	2	5			7								
15	19	0061	37	34	27	29	19	64	7	03	67	8	2	5			7								
15	22	0061	39	37	33	32	23	64	7	03	77	8	6	5			7			34	44	324	0002	40	27
16	01	0044	39	39	39	33	27	16	8	51	88	8	6	3			7								
16	04	0038	41	41	41	32	23	04	8	51	88	8	6	2			7								
16	07	0042	41	41	41	33	22	03	8	45	88	8	6	0			7								
16	10	0030	42	42	42	32	25	02	8	51	88	8	6	0			7								
16	13	0015	42	42	42	32	33	12	8	61	88	8	7	2			7								
16	16	0017	42	42	42	32	32	12	8	61	88	8	7	2	2		7								
16	19	0023	43	43	43	32	27	08	8	51	88	8	7	2	2		7								
16	22	0034	43	43	42	32	32	02	8	51	88	8	6	0			7			32	43	1584	0003	43	39
17	01	0024	42	42	42	32	28	02	8	51	88	8	6	0			7								
17	04	0011	43	43	43	32	31	08	8	61	88	8	7	1	2		7								
17	07	0002	43	43	43	33	33	08	8	61	88	8	7	2	2		7								
17	10	9994	45	43	42	33	34	16	8	60	66	8	7	2	2		7								
17	13	9972	43	43	42	33	31	05	8	61	66	8	7	3	2		7								
17	16	9960	43	42	42	33	31	05	8	61	66	8	7	3	2		7								
17	19	9946	43	43	43	33	32	05	8	58	66	8	7	3	2		7								
17	22	9947	43	43	42	32	27	05	8	51	66	8	6	2	2		7			34	48	741	0024	43	42
18	01	9955	42	42	42	31	18	02	8	51	88	8	6	2			7								
18	04	9955	41	40	39	31	18	32	8	02	85	8	5	2			6								
18	07	9964	41	40	39	31	24	20	8	02	56	8	6	2			7								
18	10	9968	41	39	37	31	22	24	7	02	66	8	6	2			7								
18	13	9948	42	40	38	33	28	24	8	03	62	7	5	2			7								
18	16	9941	42	41	40	32	30	16	8	51	62	8	6	2			7								
18	19	9978	38	37	34	28	18	32	8	01	82	8	5	5			7								
18	22	9990	39	37	33	28	16	24	8	50	85	8	5	5			6			31	45	691	0013	43	36

Results of Surface Observations,
MACQUARIE — Jun., 1957

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	0003	35	34	33	26	11	08	8	51	8	6	6	2			6								
19	04	0005	35	35	34	27	03	08	8	51	5	8	6	2			5								
19	07	9991	38	37	36	36	04	16	8	40	5	8	6	2			8								
19	10	9977	40	39	39	32	18	64	8	50	6	8	6	3			7								
19	13	9964	36	36	35	27	06	12	8	51	6	8	6	3			6								
19	16	9962	36	36	35	28	05	12	8	60	6	8	7	2	2		6								
19	19	9954	35	34	33	00	00	12	8	71	5	8	7	2	2		5								
19	22	9937	33	33	33	17	04	04	8	71	7	8	7	2	2		4			32	26	433	0012	40	33
20	01	9923	34	34	33	18	11	32	8	50	7	3	7	3	2		4								
20	04	9938	33	31	28	19	14	80	2	24	5	2	2	5			4								
20	07	9954	31	29	25	23	12	80	7	02	2	7	8	5			5								
20	10	9951	32	31	30	28	23	02	8	88	8	8	2	5			6								
20	13	9914	35	33	28	28	26	08	7	87	8	7	9	5			6								
20	16	9892	35	33	29	28	26	32	7	27	8	5	9	5		4	6		6						
20	19	9852	34	33	32	28	31	01	8	86	8	8	2	5			6								
20	22	9813	33	33	33	28	34	02	8	87	8	8	2	5			6			29	61	278	0036	37	29
21	01	9822	30	27	22	28	18	32	7	27	8	7	2	5			6								
21	04	9844	26	23	14	26	22	32	7	27	8	7	2	5			6								
21	07	9862	27	26	23	28	19	32	6	27	8	6	9	5			6								
21	10	9870	29	25	17	27	19	81	5	27	8	5	9	5		3	5								
21	13	9869	30	27	21	28	29	80	4	26	8	4	9	5		3	5								
21	16	9879	30	27	21	25	21	04	7	88	8	7	9	5			5								
21	19	9887	30	28	23	23	19	48	4	27	8	4	9	5			5								
21	22	9896	27	27	26	24	18	02	8	85	8	8	9	5			5			28	62	630	0005	31	24
22	01	9906	28	26	21	22	11	64	3	38	8	3	9	5			5								
22	04	9914	30	27	21	20	15	24	7	87	8	7	9	5			5								
22	07	9937	29	27	22	20	16	64	5	15	8	3	8	5			5								
22	10	9953	29	27	24	25	16	16	8	87	8	8	9	5			5								
22	13	9952	33	31	30	28	26	16	7	87	8	7	2	5			5								
22	16	9957	31	31	31	27	21	04	8	85	8	3	1	4			5								
22	19	9958	33	32	30	27	13	04	8	87	8	8	2	5			6								
22	22	9952	32	32	31	27	18	32	4	36	8	4	2	5			6			28	51	1505	0003	34	27
23	01	9923	35	33	31	28	16	32	8	36	8	8	2	5			6								
23	04	9894	35	34	32	30	15	32	8	56	8	8	8	5			6								
23	07	9883	34	32	27	27	15	48	5	15	8	5	8	5			6								
23	10	9866	34	33	32	28	16	81	7	26	1	7	8	5		3	6								
23	13	9869	31	29	27	25	19	81	5	27	8	5	9	5			6								
23	16	9870	29	28	25	28	23	81	7	87	8	7	9	5			6								
23	19	9873	29	26	17	28	15	81	6	36	8	6	9	5			6								
23	22	9876	27	25	22	24	14	32	5	26	8	5	2	5			6			29	46	421	0008	36	25
24	01	9872	28	24	14	23	15	80	5	27	8	5	2	5			6								
24	04	9872	27	24	18	22	13	32	6	87	8	6	9	5			5								
24	07	9885	25	23	19	20	14	03	7	85	8	7	9	5		3	5								
24	10	9900	26	23	15	20	24	40	7	85	8	7	9	5			5								
24	13	9894	29	27	22	24	18	40	6	38	8	6	2	5			5								
24	16	9905	30	28	23	21	16	24	7	87	8	7	9	5			5								
24	19	9914	29	27	22	24	13	40	3	36	8	3	2	5			5								
24	22	9911	27	26	23	27	15	40	3	26	8	3	2	5			6			29	37	383	0009	31	24
25	01	9859	31	31	31	30	21	16	8	87	8	8	2	5			6								
25	04	9770	36	35	34	32	21	08	8	58	8	8	7	3	2		7								
25	07	9782	33	31	29	27	26	32	7	02	6	7	2	5			6								
25	10	9805	28	25	15	27	20	80	7	27	5	7	2	5			6								
25	13	9814	25	24	21	27	16	40	7	87	8	7	9	5		3	5								
25	16	9834	26	23	16	25	19	64	7	15	8	7	2	5			5								
25	19	9861	26	23	16	24	12	64	6	26	8	6	2	5			5								
25	22	9880	25	23	16	22	11	64	4	26	8	4	2	5			5			29	54	486	0003	38	24
26	01	9893	24	23	21	25	13	64	3	26	8	3	2	5			5								
26	04	9902	27	24	17	27	09	64	8	26	8	8	2	5			5								
26	07	9910	29	26	20	28	15	80	7	02	2	8	8	5			5								
26	10	9913	30	30	28	29	14	81	8	20	2	2	8	4			6								
26	13	9899	34	31	26	30	23	81	8	15	2	8	8	6			6								
26	16	9897	35	31	24	30	23	81	7	02	2	2	8	5			6								
26	19	9898	37	35	31	32	22	81	8	50	2	8	5	5			7								
26	22	9900	38	37	34	32	17	81	8	03	5	2	5	5	2		7	6		29	33	409	0001	39	24
27	01	9904	39	38	38	32	17	32	7	20	2	7	6	3			7								
27	04	9907	39	39	39	33	12	32	8	05	2	3	5	6		7	7		7						
27	07	9909	37	37	37	32	05	01	8	46	4	8	6	0			7								
27	10	9912	38	38	38	00	00	40	7	40	4	4	6	2		2	8		7						
27	13	9902	39	38	37	01	06	64	8	21	6	3	6	2	7	7	8		7						
27	16	9894	38	38	38	12	06	04	8	51	6	8	6	0			5								
27	19	9878	40	40	40	03	06	02	8	45	5	8	6	0			1								
27	22	9872	39	39	39	34	09	01	8	51	5	8	6	0			7			33	22	386		40	36

Results of Surface Observations,
MACQUARIE – Jun., 1957

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	9863	38	38	38	31	11	02	8	45	5	8	6	0			7								
28	04	9843	40	40	40	03	11	03	8	61	6	8	7	0	2		8								
28	07	9819	41	41	41	35	18	03	8	50	6	8	6	0			8								
28	10	9820	41	41	41	34	20	20	8	03	5	8	6	2			7								
28	13	9832	39	38	37	18	15	40	8	03	4	6	6	3	7		5	6							
28	16	9885	37	36	35	22	11	40	7	20	5	6	6	3	3		5	6							
28	19	9928	38	37	36	22	04	03	8	50	2	8	6	2			5								
28	22	9975	35	34	32	18	13	48	3	24	5	3	6	4			4			02	28	237	0013	42	34
29	01	0017	34	31	26	19	07	80	2	02	1	2	6	4			4								
29	04	0037	34	31	26	16	05	80	2	02	0	2	6	4			4								
29	07	0058	34	31	25	04	04	80	7	03	1	7	5	5			1								
29	10	0072	35	31	24	01	07	82	7	02	2	7	5	5			8								
29	13	0065	37	34	31	01	13	82	7	02	2	7	5	5		8	8		7						
29	16	0069	37	34	30	34	16	82	5	02	2	5	5	5	4		8	6							
29	19	0077	39	37	34	35	16	82	5	02	2	4	5	5	3		7	7							
29	22	0085	39	38	37	35	17	40	6	20	5	2	6	3			8			34	26	256	0004	39	35
30	01	0086	39	37	35	35	16	48	7	05	5	7	6	4			8								
30	04	0086	39	39	38	35	16	48	6	20	5	5	6	4			8								
30	07	0086	38	38	38	36	13	01	6	46	2	6	6	0			8								
30	10	0081	40	39	37	02	14	82	7	03	4	7	5	5			8								
30	13	0062	39	38	36	35	09	82	7	20	5	7	5	5			8								
30	16	0051	40	38	33	35	06	81	8	02	2	8	5	5			8								
30	19	0028	39	39	39	13	08	01	8	51	4	8	6	0			3								
30	22	0009	39	39	39	15	02	01	8	45	5	8	6	0			3			36	27	359		41	38

Results of Surface Observations,
MACQUARIE — Jul., 1957

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	9992	39	39	39	13	07	32	8	01	4	8	6	3			3								
01	04	9971	39	39	38	14	19	40	8	02	2	3	6	3			2								
01	07	9957	39	38	37	15	22	64	8	02	2	3	5	3	2		3								
01	10	9952	39	38	37	15	25	20	8	61	6	4	7	3	2		4								
01	13	9935	38	37	36	15	34	10	8	61	6	5	7	3	2		3								
01	16	9933	37	37	36	16	34	08	8	60	6	5	7	3	2		4								
01	19	9945	38	38	37	16	32	06	8	50	6	6	6	3	2		3								
01	22	9960	38	37	35	17	32	06	8	50	5	3	6	3	2		4			16	43	294	0002	40	37
02	01	9977	38	37	35	18	33	10	8	50	5	3	6	3			4								
02	04	0006	37	36	34	18	31	10	8	50	5	4	6	4			4								
02	07	0035	35	34	31	18	30	24	8	15	2	3	1	4			4		4						
02	10	0058	33	32	30	19	17	24	6	26	3	5	2	4			5								
02	13	0078	33	32	30	19	16	64	6	01	3	6	2	4			4								
02	16	0101	32	31	29	18	11	64	7	02	2	7	2	4			5								
02	19	0110	33	32	31	21	04	80	5	20	1	2	2	4			4								
02	22	0109	35	35	35	27	19	04	6	50	1	6	2	2			6			18	43	804	0013	38	31
03	01	0101	38	38	38	29	18	40	5	02	5	5	6	2			7								
03	04	0095	39	39	39	31	13	03	8	51	5	8	6	2			7								
03	07	0097	41	41	41	28	19	03	8	45	5	8	6	0			6								
03	10	0106	40	40	40	27	20	04	7	43	4	7	6	0	4	1	6	5	5						
03	13	0111	40	40	39	27	20	08	7	40	4	3	6	0	3		6	5							
03	16	0125	40	40	40	27	14	03	7	42	4	4	6	0			6								
03	19	0138	40	40	40	30	04	04	7	40	4	7	6	0			7								
03	22	0144	39	39	39	34	06	00	8	51	4	8	6	0			7			27	35	382	0005	41	37
04	01	0147	40	40	40	35	06	10	7	40	4	7	6	2			8								
04	04	0147	40	40	40	31	14	01	8	45	4	8	6	0			7								
04	07	0149	40	40	40	31	09	08	7	10	4	7	6	0	3		7								
04	10	0146	40	40	40	31	10	02	8	45	4	8	6	0			7								
04	13	0130	40	40	40	31	10	01	8	44	4	8	6	0			7								
04	16	0123	41	40	40	33	11	64	7	02	4	6	5	7		1	7		7						
04	19	0109	41	41	40	33	14	40	7	03	1	7	5	7			8								
04	22	0089	41	41	40	34	19	40	6	01	2	2	6	2		8	7		7	34	28	286	0001	42	39
05	01	0071	41	40	40	33	23	16	8	10	4	8	6	2			8								
05	04	0051	41	41	40	33	25	05	8	20	5	8	6	2			7								
05	07	0044	41	40	40	33	19	24	7	01	2	6	5	5		1	8		7						
05	10	0031	41	40	40	33	21	46	7	05	1	7	5	5		8	7		7						
05	13	0007	41	40	39	33	25	32	7	25	1	2	5	4			7	7							
05	16	9991	40	39	36	32	27	48	7	27	1	5	5	7	7		7								
05	19	9988	40	39	37	31	28	24	8	21	8	5	7	4	2		6			33	43	419	0003	41	37
05	22	9990	40	39	38	30	23	40	7	05	8	4	7	4											
06	01	0012	36	33	26	28	25	81	6	02	2	3	1	5			6								
06	04	0021	36	32	23	28	17	82	3	02	1	3	1	5			5								
06	07	0033	36	34	29	28	23	80	7	80	1	7	5	5			6								
06	10	0037	36	34	31	29	17	81	8	26	8	2	5	7		6	6		6						
06	13	0037	38	35	29	28	24	81	6	25	8	5	5	5		1	6		6						
06	16	0054	37	33	25	28	23	81	3	16	8	3	2	5		1	6		6						
06	19	0063	37	35	33	28	21	81	2	02	1	1	2	5			6								
06	22	0082	37	34	30	27	21	80	7	03	8	6	2	5			5			29	43	1543	0005	38	34
07	01	0100	36	33	27	28	21	80	7	02	2	2	1	5			6								
07	04	0112	37	34	30	28	13	32	7	50	2	4	6	3			5								
07	07	0124	35	34	34	00	00	16	8	70	2	8	6	3	2		0								
07	10	0139	34	34	34	16	07	05	8	71	7	6	6	2	2		4								
07	13	0138	34	34	34	15	06	03	8	51	7	8	6	1			3								
07	16	0152	35	35	34	17	05	02	8	51	5	8	6	0			4								
07	19	0156	36	36	36	32	05	24	7	20	5	6	6	5			7								
07	22	0166	37	37	36	31	11	05	8	51	5	8	6	3			7			29	32	439	0007	39	34
08	01	0164	37	36	35	30	14	02	8	51	5	6	6	2			7								
08	04	0157	38	37	36	30	17	06	7	50	5	7	6	2			7								
08	07	0155	38	37	36	30	16	10	7	20	5	7	6	3			6								
08	10	0152	37	36	34	29	17	81	7	03	1	3	6	2		4	6		6						
08	13	0141	37	36	34	28	20	16	7	50	2	4	6	3			6								
08	16	0135	38	37	36	29	15	12	8	50	5	8	6	2			6								
08	19	0137	38	35	32	28	18	80	7	02	5	7	6	3			6								
08	22	0139	36	35	34	28	17	32	8	20	2	8	6	3			6			29	30	248	0006	38	35
09	01	0141	36	35	35	27	13	16	7	50	2	7	6	3			6								
09	04	0140	36	36	35	29	14	32	7	50	5	4	6	2			7								
09	07	0139	37	35	33	29	19	64	7	02	5	7	5	3			6								
09	10	0141	38	36	33	28	22	82	7	02	5	7	5	2		9	6		6						
09	13	0139	39	38	37	28	21	81	8	15	5	8	5	3			6								
09	16	0147	39	39	38	28	21	20	7	50	2	7	6	2			7								
09	19	0155	39	39	39	29	19	24	8	02	5	4	6	1			6								
09	22	0164	37	37	37	29	18	02	8	51	5	8	6	1			6			29	33	426	0004	40	35

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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
10	01	0167	38	38	38	30	19	02	8	51	5	8	6	22			7								
10	04	0171	37	37	37	30	16	03	8	51	5	8	6	22			6								
10	07	0171	38	38	37	30	17	04	7	50	5	6	6	25			7								
10	10	0169	39	38	37	32	17	06	7	50	5	6	6	25			7								
10	13	0155	41	40	36	33	19	08	8	50	5	6	6	25			8		7						
10	16	0139	41	41	41	34	23	12	8	50	5	6	6	25			8								
10	19	0114	42	42	42	34	24	24	8	50	5	6	6	25	2		8								
10	22	0086	43	43	43	35	30	20	8	51	6	6	6	22			8			35	40	469	0002	43	37
11	01	0055	43	43	43	33	23	04	8	62	6	7	6	22			7								
11	04	0050	43	42	41	32	21	24	8	50	6	8	6	22	2		7								
11	07	0072	39	37	35	25	19	64	7	50	6	6	5	22			6								
11	10	0111	37	35	32	27	23	81	8	02	6	5	5	25			6								
11	13	0110	39	36	31	31	27	81	8	03	6	7	5	22			6		6						
11	16	0099	40	38	35	31	31	81	8	02	6	3	5	22			6								
11	19	0071	41	39	37	32	33	80	8	02	6	6	5	22		7	7		6						
11	22	0045	42	41	39	33	36	48	8	50	6	4	5	22		7	7		6	33	51	1567	0017	43	37
12	01	0014	42	42	42	33	39	10	8	51	5	6	6	22			7								
12	04	0040	40	38	36	28	29	40	8	20	6	8	6	23			6								
12	07	0062	40	37	32	29	30	32	7	05	6	1	6	25	7		7								
12	10	0087	39	36	30	28	26	81	8	27	6	2	5	25			7								
12	13	0095	39	37	33	28	21	81	8	27	6	3	5	25			6		6						
12	16	0112	39	36	32	28	29	81	8	27	6	5	5	25			6								
12	19	0118	37	36	34	30	13	80	8	27	6	7	5	25		3	6		6						
12	22	0115	40	37	32	31	22	48	8	03	6	2	5	25		4	6			33	53	726	0002	43	35
13	01	0071	39	39	38	34	18	20	8	51	6	6	7	22			8								
13	04	0033	43	42	41	32	34	24	8	02	6	5	6	23	2		7								
13	07	0038	43	42	42	32	30	16	8	02	6	5	6	23			7								
13	10	0039	43	42	41	32	30	10	8	50	6	5	6	23	2		7	7							
13	13	0003	43	43	43	33	27	03	8	51	6	5	6	23			7								
13	16	9970	44	43	43	33	35	03	8	63	6	6	6	23			7								
13	19	9929	44	44	44	33	32	04	8	51	6	6	6	23	2		7	7							
13	22	9919	42	42	41	32	23	24	8	20	6	5	6	23	2		7			33	48	616	0015	44	38
14	01	9929	40	39	38	29	23	81	8	02	5	2	6	23			7								
14	04	9939	39	36	32	28	23	81	8	02	5	2	6	23			6								
14	07	9962	37	33	26	28	17	81	8	02	5	2	6	23			6								
14	10	9973	37	34	28	27	09	81	8	02	5	2	6	23			6								
14	13	9962	36	34	29	18	07	81	8	03	5	2	6	23			6	6							
14	16	9938	34	34	33	14	19	10	8	71	5	1	6	23			6								
14	19	9890	33	33	33	14	34	04	8	71	5	1	6	23			6		7						
14	22	9848	34	34	34	13	34	03	8	71	5	2	6	23			6			13	49	1595	0018	41	33
15	01	9803	38	37	36	02	03	16	8	61	7	3	7	23			6								
15	04	9794	38	38	38	17	09	24	8	50	6	7	6	23			6								
15	07	9830	35	35	34	17	40	12	8	70	6	7	6	23			6								
15	10	9901	33	33	31	19	46	10	8	56	6	7	6	23			6								
15	13	9973	32	29	23	19	27	08	8	05	6	7	5	23			6								
15	16	0023	31	29	23	20	21	08	8	02	6	1	5	23			6								
15	19	0058	33	30	22	25	16	82	8	02	6	3	6	23			6								
15	22	0076	35	32	25	28	23	82	7	20	6	7	5	23			6			18	66	608	0065	39	30
16	01	0094	35	32	26	28	25	81	7	27	8	4	8	23			6								
16	04	0111	35	32	26	28	24	81	7	20	8	3	8	23			6								
16	07	0143	35	31	26	27	16	48	7	50	8	5	8	23			6								
16	10	0162	36	33	29	24	08	81	7	27	8	5	8	23			6								
16	13	0175	33	33	33	22	11	04	7	85	8	8	8	23			6								
16	16	0192	35	33	30	29	10	81	7	26	8	8	8	23			6								
16	19	0205	34	33	31	27	11	81	7	02	8	8	8	23			6								
16	22	0213	33	32	30	24	04	81	6	20	8	5	8	23			5			28	45	1509	0001	36	33
17	01	0215	32	31	29	21	04	81	5	26	8	1	8	23			5								
17	04	0217	32	32	32	25	06	04	7	85	8	8	8	23			6								
17	07	0220	33	32	30	00	00	81	7	15	8	2	8	23			5								
17	10	0223	35	33	28	23	01	82	7	15	8	8	8	23			5								
17	13	0213	34	33	30	00	00	82	7	85	8	8	8	23			5								
17	16	0210	34	33	31	36	03	81	7	85	8	8	8	23			5								
17	19	0202	34	33	32	02	04	81	7	22	8	8	8	23			5								
17	22	0202	35	34	32	36	10	80	6	56	8	5	8	23			5			34	20	143	0006	36	31
18	01	0189	36	35	33	35	13	81	5	15	8	5	6	23			5								
18	04	0182	36	35	34	32	12	20	6	50	8	5	6	23			5								
18	07	0180	36	36	36	33	11	12	6	20	8	5	6	23			5								
18	10	0178	38	37	34	35	15	81	5	50	8	5	6	23			5								
18	13	0166	38	38	38	01	11	04	5	50	8	5	6	23			5								
18	16	0161	38	38	38	01	11	20	6	50	8	5	6	23			5								
18	19	0155	38	38	38	36	12	64	6	20	8	5	6	23			5								
18	22	0148	38	38	38	36	14	20	6	50	8	5	6	23			8			36	22	211	0012	39	34

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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	0135	38	38	38	35	12	20	5	50	5	5	6	3			8								
19	04	0120	38	38	38	34	13	16	7	50	5	7	6	2			7								
19	07	0117	38	38	38	34	15	80	8	02	5	6	6	2		6	8								
19	10	0110	40	40	40	34	18	48	7	50	2	7	6	2			7								
19	13	0097	41	41	40	34	23	81	8	02	2	8	6	2			8								
19	16	0092	41	41	41	34	23	80	8	05	2	7	6	2	2		7	7							
19	19	0085	42	42	42	34	23	48	8	05	2	8	6	2			8								
19	22	0074	43	43	43	35	27	05	8	51	2	8	6	2			8			35	37	348	0002	43	38
20	01	0050	42	42	42	35	32	06	8	05	6	6	6	3	2		8	7							
20	04	0027	43	43	43	35	36	05	8	63	6	6	7	2	2		8	7							
20	07	0047	39	39	39	29	16	16	8	61	6	5	7	3	2		6	7							
20	10	0052	39	37	34	29	19	81	6	25	8	5	2	4		8	7								
20	13	0055	39	36	31	29	23	81	5	15	8	4	2	4		2	6		7						
20	16	0063	37	35	32	29	16	81	6	15	8	6	2	4		1	7		7						
20	19	0062	39	36	31	31	25	81	7	02	8	7	2	4			7								
20	22	0063	39	36	32	31	27	80	8	25	8	8	2	4			7			35	44	1582	0013	43	36
21	01	0063	39	37	33	30	28	80	4	25	8	4	2	4			6								
21	04	0064	39	38	37	31	26	24	8	58	6	8	7	3	2		7								
21	07	0103	37	35	32	29	16	80	7	25	6	7	2	4			6								
21	10	0132	37	33	25	28	14	81	7	02	2	7	8	5			5								
21	13	0141	36	34	28	27	17	81	7	02	2	7	8	5			6								
21	16	0156	35	33	28	28	19	81	7	02	2	7	8	5			6								
21	19	0158	38	36	32	29	25	81	4	02	1	4	5	5			6								
21	22	0156	38	37	34	30	23	80	4	02	1	4	5	4			6			32	37	1533	0003	40	35
22	01	0150	38	36	34	30	26	80	3	02	1	3	5	4			6								
22	04	0141	37	37	36	30	28	40	8	02	2	8	6	4			6								
22	07	0137	38	36	34	30	29	80	7	02	2	7	5	5		6	6								
22	10	0127	38	36	33	31	33	48	8	05	2	4	6	4			7								
22	13	0099	39	37	34	31	33	40	8	05	2	3	6	4			6								
22	16	0089	40	38	35	31	36	32	8	05	5	6	6	3			7								
22	19	0075	40	40	39	30	32	05	8	51	2	8	6	2			6								
22	22	0058	40	40	39	31	32	06	8	51	5	8	6	2			7			31	47	1578		41	37
23	01	0042	41	40	39	31	31	08	8	58	6	6	7	2	2		7	7							
23	04	0025	41	41	40	31	30	04	8	51	6	6	7	2	2		7	7							
23	07	0009	41	41	41	31	29	05	8	61	6	7	7	2	2		7	7							
23	10	9990	41	41	40	30	30	08	8	58	6	7	7	2	2		6								
23	13	9958	41	41	41	31	29	16	8	51	6	8	7	2	2		7								
23	16	9926	41	40	39	31	33	16	8	51	6	7	7	2	2		7								
23	19	9872	41	40	39	31	33	08	8	58	6	8	7	2	2		7								
23	22	9814	41	40	39	31	41	08	8	58	6	8	7	2	2		7			33	56	741	0005	42	39
24	01	9805	38	35	31	29	44	24	6	25	8	6	2	4			6								
24	04	9850	35	30	20	28	25	24	3	27	8	3	2	4			6								
24	07	9867	35	30	21	27	28	81	7	27	8	5	9	4		3	6								
24	10	9868	33	30	23	28	25	81	6	27	8	6	9	5		3	5								
24	13	9865	31	29	23	28	22	81	6	27	8	6	9	5		3	5								
24	16	9875	30	26	17	23	11	81	7	03	8	4	8	5		6	5								
24	19	9892	27	26	25	25	14	08	8	85	8	8	9	5			6								
24	22	9905	28	27	25	27	18	81	5	36	8	5	2	5			6			29	83	808	0012	41	25
25	01	9923	26	25	24	23	11	03	7	85	8	7	9	5			5								
25	04	9932	28	26	20	23	13	81	5	38	8	5	2	5			5								
25	07	9944	31	30	27	28	11	80	5	15	8	5	2	5			6								
25	10	9941	33	31	28	25	13	48	7	85	8	4	8	5		3	5		5						
25	13	9878	35	34	33	31	24	06	8	73	8	6	7	4	2		7								
25	16	9781	39	38	37	32	34	02	8	63	7	7	7	2	2		7								
25	19	9731	37	34	29	29	32	81	5	26	8	5	2	4			6								
25	22	9694	34	33	31	28	30	81	7	27	8	7	1	4			5			29	66	432	0007	40	25
26	01	9735	35	33	29	25	34	81	6	27	8	6	2	4			6								
26	04	9782	28	27	26	25	33	02	7	86	8	7	2	5			5								
26	07	9820	23	22	19	22	27	81	5	26	8	3	6	4		1	5		5						
26	10	9844	23	21	16	20	27	64	5	26	8	5	2	4			5								
26	13	9860	20	18	11	20	28	64	5	26	8	5	9	4			5								
26	16	9884	20	19	14	20	28	24	7	27	8	7	2	5			5								
26	19	9905	30	29	27	18	35	16	8	85	8	8	2	5			4								
26	22	9988	27	26	23	19	29	16	5	85	8	5	2	5			4			25	72	656	0026	34	19
27	01	0026	26	23	17	19	25	24	2	27	8	2	2	5			4								
27	04	0055	27	24	17	19	25	01	8	86	8	8	2	5			4								
27	07	0100	28	26	21	19	25	24	7	26	8	7	2	5			4								
27	10	0125	28	26	21	19	16	80	7	27	8	5	8	5			5								
27	13	0141	29	27	22	19	13	80	8	02	2	8	5	6			5								
27	16	0158	30	27	21	19	11	80	7	02	2	6	8	5			5								
27	19	0169	31	29	25	18	05	80	3	01	2	3	5	5			5								
27	22	0178	32	31	29	27	14	40	5	02	1	5	5	5			6			29	28	640	0001	34	24

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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	0175	34	32	27	28	22	80	2	02	1	2	5	5			5								
28	04	0177	36	35	31	29	21	48	8	03	1	8	5	4			6								
28	07	0181	37	35	32	29	22	64	8	02	2	8	5	4			6								
28	10	0182	38	36	34	30	23	24	7	80	2	4	8	4			7								
28	13	0173	39	37	35	31	27	81	7	25	2	6	8	6		8	7		6						
28	16	0172	39	38	36	30	28	80	8	80	2	7	8	4	4		6	6							
28	19	0173	40	39	37	32	29	81	8	02	2	5	8	4			7								
28	22	0174	41	39	38	32	28	81	6	25	8	5	8	5			6			32	38	420		41	33
29	01	0170	41	40	39	32	24	81	6	02	2	5	8	5			7								
29	04	0170	42	41	40	32	24	81	5	02	2	5	8	5			6								
29	07	0177	42	41	40	32	23	81	7	25	1	7	8	5			6								
29	10	0180	42	40	37	31	20	81	7	02	2	1	8	3	3	8	7	7	6						
29	13	0173	42	41	39	32	21	81	7	03	2	7	8	4			7								
29	16	0172	41	40	39	32	23	32	8	50	5	8	6	3			7								
29	19	0166	41	41	39	33	25	24	7	50	5	7	6	3			8								
29	22	0158	42	41	40	33	27	24	7	20	5	7	6	4			7			33	36	1595	0001	43	41
30	01	0145	42	41	40	33	29	24	6	02	2	6	6	4			8								
30	04	0122	43	41	39	34	30	24	8	50	5	8	6	4			7								
30	07	0102	43	42	41	34	32	32	8	02	5	8	6	4			8								
30	10	0078	43	42	41	34	34	40	8	60	2	7	7	3	2		7								
30	13	0038	44	42	41	34	40	16	8	61	6	6	7	3	2		7								
30	16	0069	42	40	37	31	23	80	1	01	6	1	1	5		5	6								
30	19	0087	41	40	39	32	17	32	1	05	1	1	1	5			6								
30	22	0079	41	40	39	33	20	48	8	05	1	1	6	3		7	7			33	58	634		44	41
31	01	0040	43	42	41	33	34	12	8	51	2	8	6	2			8								
31	04	0018	44	42	40	32	39	24	8	02	5	8	6	3			7								
31	07	0033	44	43	42	32	34	12	8	51	2	8	6	3			7								
31	10	0065	44	41	37	31	32	48	8	05	5	1	1	4	1	7	7	6	6						
31	13	0095	43	41	37	31	27	40	8	05	2	1	1	4	2		6	6							
31	16	0111	40	38	35	31	21	10	8	61	6	1	7	4	2		7	6							
31	19	0108	41	41	41	33	16	01	8	51	6	1	6	2			8								
31	22	0105	43	43	43	33	28	03	8	50	5	7	6	2	2		7	6		34	61	785	0011	44	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
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	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	0114	43	43	42	33	27	10	8	05	5	2	6	3	2		7	7							
01	04	0122	44	43	42	33	32	16	8	05	2	4	6	3			7								
01	07	0131	43	42	41	33	34	24	8	05	2	8	6	2			7								
01	10	0136	44	43	42	32	32	32	8	05	2	7	6	2			7								
01	13	0141	44	43	42	32	28	24	8	05	2	7	6	2			7								
01	16	0147	44	43	41	32	24	24	7	05	2	3	6	2			7								
01	19	0147	44	43	42	33	26	24	7	05	2	4	6	2			7								
01	22	0138	43	43	41	33	30	24	4	05	2	2	6	3			7			33	44	622	0004	45	42
02	01	0128	43	42	41	33	32	16	3	05	1	3	6	2			7								
02	04	0113	43	42	41	34	29	16	8	05	2	6	6	2			7								
02	07	0103	43	42	40	34	32	24	8	60	6	7	7	4	2		7								
02	10	0102	44	43	42	34	29	40	8	02	2	7	5	7		6	7		7						
02	13	0086	44	43	43	33	28	40	7	21	2	2	6	3	7	8	7	7							
02	16	0080	44	43	43	33	27	32	8	21	6	6	6	3	2	7	7								
02	19	0074	44	44	43	33	28	32	8	02	6	8	6	2			7			34	40	735	0001	44	43
02	22	0064	44	44	44	33	29	32	8	02	5	8	6	2			7								
03	01	0047	44	43	43	34	28	08	8	51	5	8	6	2	2		7								
03	04	0033	44	44	44	33	32	16	8	51	5	8	6	2			7								
03	07	0023	44	44	44	34	28	04	8	51	5	8	6	2			7								
03	10	0008	44	44	44	34	32	04	8	51	5	8	6	2			7								
03	13	9978	44	44	44	34	36	10	8	20	5	8	6	2			7								
03	16	9972	44	44	44	34	32	03	8	51	5	8	6	1			7								
03	19	9966	44	44	44	34	32	03	8	51	5	8	6	2			7			34	44	751	0005	44	42
03	22	9966	43	43	43	34	26	01	8	53	5	8	6	2			7								
04	01	9967	42	42	42	32	11	01	8	51	6	8	6	2	2		7								
04	04	9968	39	39	39	17	11	02	8	51	5	8	6	2			7								
04	07	9967	38	38	38	17	14	04	8	51	5	7	6	2	2		4								
04	10	9974	37	37	36	17	12	04	8	21	6	2	7	4	2		4								
04	13	9988	39	38	36	28	12	81	7	02	2	1	5	3		2	6		7						
04	16	0005	41	38	34	31	18	81	2	01	1	2	6	4			7								
04	19	0007	41	39	37	32	21	81	2	02	0	2	6	4			7			33	44	1558	0009	44	37
04	22	0001	42	41	38	32	31	40	8	05	2	8	6	4			7								
05	01	0014	44	43	41	32	31	32	8	05	2	8	6	4			7								
05	04	0051	43	40	35	30	23	24	8	05	2	1	6	5			6								
05	07	0104	42	39	34	28	27	80	2	02	1	1	6	5		1	7								
05	10	0139	42	39	34	29	23	82	6	02	1	1	6	4		4	7		6						
05	13	0160	43	41	38	31	17	81	1	02	1	1	6	4			7								
05	16	0172	42	41	39	32	16	64	7	50	1	1	6	3			7								
05	19	0185	42	41	41	31	24	20	8	51	5	8	6	3			7			33	43	1536	0003	44	41
05	22	0198	42	41	40	31	26	20	8	20	5	8	6	3			7								
06	01	0200	42	41	40	31	20	32	7	20	5	7	6	3			7								
06	04	0202	43	41	40	32	21	32	7	51	2	7	6	4			7								
06	07	0205	43	41	39	32	19	81	7	02	2	7	6	5			7								
06	10	0203	42	42	41	32	17	24	7	21	2	2	7	5	2		7	7							
06	13	0187	43	42	41	33	20	40	7	05	6	6	6	5	2	1	7	7	6						
06	16	0178	43	42	41	33	23	48	7	14	2	6	5	5	3	5	7	6	6						
06	19	0165	43	41	40	34	27	48	7	05	2	6	5	6			7			34	39	1532		43	41
06	22	0153	42	41	40	34	28	48	7	05	2	3	6	3			7								
07	01	0130	41	41	41	33	31	20	8	51	5	6	6	3			7								
07	04	0109	41	41	41	34	32	24	8	20	5	5	6	3			7								
07	07	0088	42	41	41	34	32	24	8	05	2	8	6	3			7								
07	10	0073	43	42	41	34	32	16	8	62	6	8	7	2	2		7								
07	13	0069	43	42	42	32	24	06	8	53	6	8	6	1	2		7								
07	16	0093	42	42	42	29	11	16	8	20	5	8	6	2	4		6								
07	19	0120	40	39	38	28	12	32	8	02	5	8	6	4			6			34	44	634	0002	43	39
07	22	0131	40	39	38	30	04	32	3	05	1	3	6	4			6								
08	01	0135	40	39	38	34	09	32	3	05	1	3	6	4			7								
08	04	0135	38	37	36	36	05	02	8	47	4	8	6	0			8								
08	07	0139	39	39	39	05	04	03	8	53	5	8	6	0			1								
08	10	0135	42	42	42	34	07	00	8	45	4	8	6	0			7								
08	13	0128	42	42	42	34	16	20	8	10	4	8	6	1			7								
08	16	0134	42	42	41	33	16	80	8	02	5	7	6	0	2	8	7	7							
08	19	0137	41	40	39	34	20	80	8	50	2	8	6	7			7			34	28	309	0007	43	37
08	22	0137	41	40	40	33	14	03	8	51	5	8	6	5	0		7								
09	01	0136	41	40	40	33	13	03	8	53	5	8	6	2			7								
09	04	0129	42	41	39	01	13	64	8	02	5	8	6	4			8								
09	07	0127	42	41	40	36	09	80	8	02	2	8	6	4			8								
09	10	0123	43	43	42	36	14	02	8	43	4	8	6	0	2		8								
09	13	0110	43	43	43	36	09	01	8	45	4	8	6	0			8								
09	16	0109	41	41	41	36	06	01	8	45	4	8	6	0			8								
09	19	0109	42	42	42	00	00	04	8	44	6	8	6	0	2		1			36	24	344	0007	43	40
09	22	0106	41	41	41	04	02	05	8	51	5	8	6	1											

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	0095	41	41	40	02	05	16	8	50	5	6	6	3	2		1								
10	04	0083	41	41	41	17	01	01	8	51	5	6	6	0			4								
10	07	0089	42	42	42	00	00	00	8	51	5	6	6	1	7		0								
10	10	0091	44	44	44	01	00	04	7	01	5	6	6	0			8								
10	13	0089	43	43	43	09	04	01	8	47	5	6	6	0			2								
10	16	0095	42	42	42	17	01	01	8	45	6	6	6	0			4								
10	19	0107	42	42	42	18	04	02	8	45	4	8	6	0			4								
10	22	0109	42	42	42	17	12	01	8	51	5	8	6	0			4			17	13	102	0003	44	41
11	01	0109	42	42	42	17	10	01	8	51	6	8	6	0			4								
11	04	0106	42	42	42	17	07	01	8	45	5	8	6	0			4								
11	07	0112	42	42	42	16	05	01	8	61	6	8	6	0	2		3								
11	10	0109	42	41	41	16	08	03	8	45	4	8	6	0			3								
11	13	0099	42	42	41	13	08	04	8	46	4	8	6	0			3								
11	16	0094	41	41	41	15	13	03	8	47	4	8	6	0			3								
11	19	0105	40	40	40	14	11	04	8	50	4	8	6	0			3								
11	22	0107	40	40	40	14	11	04	8	40	5	3	6	0			3			15	18	173	0009	43	39
12	01	0104	40	39	39	15	11	24	8	40	5	2	6	0			3								
12	04	0106	40	40	39	16	14	03	8	50	5	8	6	0			3								
12	07	0115	39	39	39	16	11	12	8	10	4	8	6	0			3								
12	10	0119	39	39	39	16	08	01	8	44	4	8	6	0			3								
12	13	0116	39	38	37	16	10	01	7	01	4	8	6	0	2		3								
12	16	0118	39	38	37	17	10	80	5	05	2	5	6	1		6	3		2						
12	19	0119	38	37	37	17	09	81	5	40	5	2	6	0		1	3		1						
12	22	0122	38	37	36	17	03	81	6	02	1	1	6	0		6	4		1	16	18	268	0002	40	37
13	01	0119	37	36	35	16	03	82	1	02	1	1	6	2		1	4		1						
13	04	0114	35	34	33	00	00	82	2	02	0	1	6	2		1	0		8						
13	07	0112	35	35	34	27	02	82	4	02	0	2	6	2		1	6		7						
13	10	0111	37	37	36	30	03	81	7	41	1	7	6	1		2	7		7						
13	13	0093	39	38	38	30	04	81	7	40	0	7	6	2		2	7		7						
13	16	0081	38	38	38	30	09	80	7	46	0	8	6	2		2	7		7						
13	19	0073	38	38	38	30	08	80	8	20	0	7	6	2		2	7		7						
13	22	0063	39	39	39	28	13	24	7	50	0	8	6	2		2	6		7	30	20	144	0001	41	34
14	01	0062	38	37	36	24	08	24	8	58	6	8	6	3	2		6		7						
14	04	0068	36	35	33	20	05	32	7	50	6	7	6	4			5		7						
14	07	0074	36	34	30	19	04	81	7	02	6	7	6	4			5		7						
14	10	0073	36	35	33	27	11	81	7	27	6	7	6	4			5		7						
14	13	0054	37	35	32	27	11	81	7	03	1	7	6	4			5		7						
14	16	0043	35	35	33	29	09	81	8	20	8	7	6	4			5		7						
14	19	0049	36	35	33	19	03	80	7	02	2	7	6	4			5		7						
14	22	0075	36	35	33	18	05	81	5	20	2	4	6	4	3	6	4		6	30	21	234	0007	40	35
15	01	0112	35	35	33	18	11	05	7	51	1	7	6	3		3	4		4						
15	04	0133	35	34	33	18	04	81	5	02	5	5	6	3		3	4		4						
15	07	0174	35	35	33	18	12	48	7	15	2	7	6	3		3	4		4						
15	10	0186	35	34	32	17	03	64	7	02	2	7	6	3		3	4		4						
15	13	0195	37	35	32	25	05	80	7	02	2	7	6	3		3	4		4						
15	16	0209	37	35	33	00	00	80	7	03	2	7	6	3		3	4		4						
15	19	0206	37	36	34	29	12	48	7	02	2	7	6	3		3	4		4						
15	22	0202	37	37	36	30	16	24	8	51	5	8	6	3		3	4		4	30	25	204	0002	38	35
16	01	0193	37	37	36	31	20	24	8	02	5	8	6	2	2		5		5						
16	04	0166	38	37	35	32	25	24	8	02	5	8	6	2			5		5						
16	07	0151	39	38	37	31	23	24	8	02	5	8	6	2			5		5						
16	10	0129	41	40	40	32	26	24	8	05	5	8	6	2			5		5						
16	13	0094	42	41	41	32	30	24	8	58	6	8	6	2			5		5						
16	16	0102	42	41	39	28	23	05	8	20	6	8	6	2			5		5						
16	19	0099	42	40	39	31	27	48	7	50	6	8	6	2			5		5						
16	22	0094	41	39	38	28	24	48	4	05	1	6	6	2			5		5	32	40	381	0001	42	36
17	01	0078	40	39	37	29	16	80	8	05	1	6	6	2	2		6		6						
17	04	0012	41	40	39	35	14	80	8	05	2	6	6	2			6		6						
17	07	9911	43	43	42	32	36	06	8	63	6	6	6	2			6		6						
17	10	9849	43	42	40	31	30	16	8	61	6	6	6	2			6		6						
17	13	9842	42	39	34	30	34	32	8	15	6	6	6	2			6		6						
17	16	9835	39	37	33	35	31	40	7	15	5	6	6	2			6		6						
17	19	9844	39	36	31	30	27	40	6	05	5	6	6	2			6		6						
17	22	9831	36	35	33	30	39	32	6	27	6	6	6	2			6		6	31	65	1576	0016	43	33
18	01	9840	38	34	26	29	33	40	8	15	8	8	6	2			7		6						
18	04	9845	34	34	33	29	35	02	8	85	8	8	6	2			7		6						
18	07	9825	39	37	34	30	34	24	8	85	8	8	6	2			7		6						
18	10	9834	38	35	31	29	31	40	7	27	7	8	6	2			7		6						
18	13	9843	36	35	34	30	30	81	7	27	4	8	6	2	3		7		6						
18	16	9854	38	35	31	30	27	81	7	15	4	8	6	2	3		7		6						
18	19	9870	38	35	28	29	31	81	7	15	4	8	6	2	3		7		6						
18	22	9875	38	34	28	28	22	81	5	15	5	8	6	2	3		7		6	29	61	833	0014	40	33

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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	01	9852	39	37	33	33	23	48	7	80	1	7	2	4		5	6		6						
19	04	9807	39	38	37	32	19	16	8	61	6	5	7	4	2		7	7							
19	07	9772	38	37	35	32	16	10	8	61	6	6	7	3	2		7	7							
19	10	9742	37	35	33	18	12	08	8	68	6	6	7	2	2		4								
19	13	9791	34	32	28	19	18	32	7	22	7	5	2	4		6	4								
19	16	9852	34	33	30	26	11	80	6	27	3	6	2	4			6								
19	19	9882	34	31	26	28	24	80	4	27	3	4	2	4			6								
19	22	9906	33	31	27	27	21	80	5	27	3	5	2	4			6			29	47	600	0012	40	31
20	01	9916	35	32	25	28	28	80	4	27	8	4	2	4			6								
20	04	9946	33	30	24	23	11	80	5	27	8	5	2	4			5								
20	07	9970	33	31	29	24	11	48	5	15	8	4	9	4		3	5								
20	10	9978	33	31	27	28	18	80	6	27	3	5	9	4		3	5		6						
20	13	9984	32	30	27	25	13	81	4	27	3	4	2	4		3	6		6						
20	16	9991	32	29	24	27	17	81	7	36	3	7	8	4			6								
20	19	0012	29	29	29	24	05	20	6	85	3	5	8	5			6								
20	22	0032	29	27	24	23	01	81	2	27	3	2	2	5			5			28	53	470	0034	36	29
21	01	0045	29	28	25	24	11	80	5	26	8	5	2	5			5								
21	04	0065	29	25	14	26	13	81	6	27	8	6	2	5			5								
21	07	0087	29	26	17	23	12	81	8	15	8	3	8	6		7	5		5						
21	10	0091	31	27	17	23	05	82	2	02	1	2	8	5		8	5		5						
21	13	0074	32	28	19	29	11	82	7	02	1	2	1	5		6	5		5						
21	16	0039	33	29	21	32	18	82	8	03	2	4	1	5	2	7	7	7	5						
21	19	9990	35	34	32	33	19	08	8	68	7	0	9	5	2	2									
21	22	9983	38	36	33	27	27	24	4	20	7	4	2	5		6				28	53	283	0011	39	27
22	01	0015	35	34	31	27	31	32	3	27	8	3	2	5			6								
22	04	0043	35	33	29	27	21	32	6	27	8	6	2	5			6								
22	07	0060	35	33	29	26	21	64	7	15	8	7	2	5			6								
22	10	0058	37	36	34	29	24	40	7	80	5	3	8	4	3	6	6	5	5						
22	13	0025	40	39	35	30	30	10	8	51	8	5	7	2	2		7	5							
22	16	0009	40	40	40	30	30	08	8	51	5	7	6	2	2		7	6							
22	19	9989	41	41	40	30	30	06	8	51	5	7	6	2	2		7	6							
22	22	9970	41	41	40	30	32	08	8	51	5	6	6	3	2		7	6		28	59	1506	0007	42	34
23	01	9946	42	42	41	30	32	05	8	51	6	8	6	2	2		7	6							
23	04	9947	40	39	38	28	39	16	8	50	6	4	6	3	2		6	6							
23	07	9972	36	35	32	28	39	24	6	85	8	5	8	4			6								
23	10	9990	37	33	26	28	32	24	7	27	8	5	8	4			6								
23	13	0021	36	34	30	28	29	24	8	27	8	3	8	4			6								
23	16	0049	36	33	26	28	29	32	6	27	8	6	8	5			6								
23	19	0082	36	33	27	28	23	32	4	27	3	4	2	5			6								
23	22	0087	37	35	32	28	22	32	6	27	3	4	1	4			6			28	71	728	0012	42	35
24	01	0057	40	40	40	30	32	04	8	58	6	8	7	2	2		6								
24	04	0063	41	40	39	28	30	24	8	20	6	8	6	3			6								
24	07	0070	41	41	41	28	32	08	8	50	5	8	6	3			6								
24	10	0088	41	39	38	28	30	32	8	50	5	7	6	3			5								
24	13	0119	39	38	37	27	33	48	7	20	5	7	6	3			5								
24	16	0139	38	37	36	28	25	24	7	50	5	7	6	3			5								
24	19	0159	39	39	39	29	18	10	8	51	5	8	6	3			6								
24	22	0172	40	40	40	28	21	06	6	51	5	8	6	2			6			29	53	697	0003	41	37
25	01	0175	41	40	40	27	27	24	8	50	5	8	6	2			6								
25	04	0178	41	39	37	28	23	32	8	50	5	8	6	3			6								
25	07	0166	40	39	38	29	21	48	7	50	5	3	6	3		1	6		6						
25	10	0145	40	38	35	29	26	40	7	03	5		6	3			7								
25	13	0084	40	39	37	31	35	32	8	58	6	8	7	2	2		7								
25	16	0064	41	39	36	28	36	24	7	21	6	5	6	2			6								
25	19	0106	37	36	33	26	19	48	6	87	3	6	2	5			6								
25	22	0131	35	32	26	25	25	48	2	02	0	2	1	5			5			28	68	1511	0002	42	34
26	01	0168	34	32	27	24	19	48	2	02	0	2	1	5			5								
26	04	0187	33	30	25	19	20	48	6	03	1	3	1	4			4								
26	07	0209	32	30	24	19	06	48	3	02	1	3	1	5			4								
26	10	0218	34	32	27	27	16	81	4	02	1	4	2	5			5								
26	13	0221	35	34	30	21	05	81	5	02	1	2	2	5	4	6	5	5	5						
26	16	0228	34	31	27	26	11	81	6	02	1	2	2	5	4	6	5	5	5						
26	19	0231	34	32	27	27	13	81	2	02	1	1	2	5			5								
26	22	0228	35	33	30	28	14	81	3	02	1	2	3	5			5			26	53	1596	0003	36	31
27	01	0214	35	33	28	29	23	81	3	02	1	3	5	5			5								
27	04	0193	39	38	37	31	17	32	8	50	2	6	6	2			7								
27	07	0157	41	40	39	32	21	10	8	51	5	6	6	2	2		7								
27	10	0151	41	41	41	28	16	04	8	61	6	8	7	0	2		6								
27	13	0147	42	41	41	28	25	16	8	51	6	8	6	1			6								
27	16	0162	41	40	39	27	16	48	8	20	5	8	6	3			6								
27	19	0169	39	38	37	29	13	48	8	20	5	8	6	3			6								
27	22	0166	41	40	40	28	16	01	8	47	5	8	6	0			6			28	39	364	0002	42	35

Results of Surface Observations,
MACQUARIE – Aug., 1957

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	0153	41	41	40	29	20	01	8	51	6	8	6	0			6								
28	04	0142	41	41	40	29	21	02	8	51	5	8	6	0			6								
28	07	0148	41	39	38	28	27	80	7	20	5	7	6	2			6								
28	10	0152	41	38	34	28	28	48	8	05	2	8	6	5			6								
28	13	0157	40	39	37	28	27	24	7	51	5	4	6	3			6								
28	16	0157	41	38	33	28	23	81	7	05	5	7	8	5			6								
28	19	0157	39	38	37	28	24	20	8	50	2	4	6	3			6								
28	22	0146	41	41	41	30	23	06	8	51	5	6	6	2			6			29	44	479	0005	41	39
29	01	0139	41	41	41	30	27	08	8	51	5	8	6	2			6								
29	04	0129	41	41	40	30	29	08	8	51	5	8	6	2			6								
29	07	0124	41	41	41	30	30	08	8	51	5	8	6	2			6								
29	10	0106	42	41	40	30	32	24	8	50	5	6	7	2	2		7								
29	13	0079	43	42	41	31	34	24	8	02	2	8	6	2			7	6							
29	16	0069	43	42	40	31	34	24	7	05	2	3	6	2	7		7								
29	19	0062	43	41	39	31	30	24	8	21	6	5	7	3	2		7								
29	22	0061	43	42	40	31	30	24	8	05	2	4	6	3			7			32	50	638		44	41
30	01	0056	43	42	41	32	27	24	8	51	5	8	5	6			7								
30	04	0036	42	41	40	32	26	24	7	55	5	7	2	4			7								
30	07	0013	42	42	42	33	26	16	8	62	6	8	7	2	2		7								
30	10	9980	43	42	41	34	34	10	8	50	5	6	6	3	2		7								
30	13	9927	44	43	41	34	36	16	8	05	2	6	6	3		6	7								
30	16	9885	44	43	42	35	41	06	8	58	5	6	7	3	2		8								
30	19	9811	45	44	43	35	47	05	8	58	6	7	7	2	2		8								
30	22	9848	42	40	37	32	48	06	8	20	8	8	5	5			7			33	71	754	0002	45	41
31	01	9885	41	40	39	32	30	24	5	05	2	5	5	5			7								
31	04	9900	39	38	36	31	28	40	4	05	1	4	8	5			7								
31	07	9922	40	38	36	31	23	48	7	05	1	1	1	4		6	7		7						
31	10	9939	40	37	32	30	16	48	7	02	1	1	1	5		6	7		7						
31	13	9950	41	37	30	31	13	81	2	05	2	1	1	5			7								
31	15	9962	40	37	32	32	15	81	1	05	1	2	1	5			7								
31	19	9976	40	38	36	35	08	64	7	05	1	1	1	5	3		7	7							
31	22	0003	35	33	32	19	15	16	7	87	8	7	2	5			8			32	44	786	0003	41	34

Results of Surface Observations,
MACQUARIE — Sep., 1957

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	0043	35	32	24	19	14	68	3	05	8	3	2	5			4								
01	04	0077	34	31	26	24	05	88	3	02	1	3	1	5			5								
01	07	0105	36	34	29	27	01	81	1	02	1	1	1	5			5								
01	10	0111	40	37	33	31	12	13	3	02	1	2	8	4	4		7	5							
01	13	0112	41	39	37	31	17	67	7	05	1	2	8	4	4		7	5							
01	16	0120	41	39	37	31	15	78	8	05	1	2	8	4	4		7	5							
01	19	0132	40	40	40	31	15	10	8	05	1	2	8	4	3		7								
01	22	0143	40	40	40	30	14	01	8	51	1	2	6	4	0		6			20	27	344	0013	41	33
02	01	0150	39	39	39	30	17	02	8	51	5	8	6	1			7								
02	04	0157	39	39	39	30	11	01	8	51	5	8	6	0			6								
02	07	0169	40	40	40	33	09	01	8	51	5	8	6	0			7								
02	10	0170	41	40	39	30	10	01	7	42	5	8	6	0	3		6								
02	13	0165	41	41	40	30	13	24	8	50	4	7	6	0	7		6								
02	16	0171	41	41	40	31	11	01	8	44	4	6	6	0			7								
02	19	0178	40	40	40	31	12	01	8	47	5	8	6	0			7								
02	22	0186	41	40	39	29	15	16	8	51	5	8	6	0			6			30	26	436	0001	42	39
03	01	0189	39	38	38	31	14	08	8	51	5	8	6	0			7								
03	04	0196	39	39	39	31	09	01	8	51	5	8	6	0			7								
03	07	0199	40	40	40	34	11	32	8	02	5	8	6	0			8								
03	10	0195	41	41	41	32	14	04	8	45	4	8	6	1			7								
03	13	0191	41	40	40	33	12	10	7	28	4	6	6	2	3		7	6							
03	16	0191	41	41	40	32	16	04	8	45	4	8	6	2			7								
03	19	0194	41	41	41	34	12	02	8	51	4	8	6	1			8								
03	22	0200	41	41	41	33	09	00	8	51	5	8	6	0			7			32	23	373	0001	41	38
04	01	0199	41	41	40	32	08	05	8	21	6	8	6	2			7								
04	04	0198	41	41	40	34	13	06	8	10	5	8	6	2			7								
04	07	0199	41	41	41	34	16	05	8	10	2	8	6	1			8								
04	10	0196	42	42	41	34	20	08	8	10	2	8	6	0			7								
04	13	0186	41	41	40	33	22	40	8	02	4	8	6	2			8								
04	16	0178	41	40	39	34	22	24	8	10	2	8	6	2			7								
04	19	0174	41	40	39	34	22	32	8	02	2	8	6	2			7			34	33	340	0003	42	40
04	22	0164	41	40	39	34	23	32	8	20	5	8	6	2			7								
05	01	0151	42	41	40	34	22	40	8	21	6	8	6	2			8								
05	04	0132	42	41	40	34	24	32	8	20	6	8	6	2			7								
05	07	0112	42	41	40	34	30	20	8	61	6	8	6	2			7								
05	10	0098	41	40	38	32	27	24	8	63	6	8	6	2	2		7								
05	13	0085	40	38	36	30	25	48	8	50	6	8	6	2	2		7								
05	16	0104	38	37	34	28	21	48	7	50	5	7	6	2			7								
05	19	0116	38	36	33	28	21	80	5	15	4	5	6	2			6								
05	22	0124	38	35	30	29	21	80	3	02	1	3	5	5			6			33	42	634	0008	42	37
06	01	0122	37	34	29	30	23	80	3	02	0	3	8	5			7								
06	04	0117	38	37	36	31	21	80	3	03	1	3	8	5			7								
06	07	0102	41	41	40	33	23	04	8	45	4	8	6	5			8								
06	10	0094	41	41	41	33	21	06	8	10	4	7	6	5	2		7								
06	13	0071	43	42	41	33	16	48	8	05	4	7	6	5		6	7								
06	16	0055	43	43	42	34	27	24	8	05	4	7	6	5			7								
06	19	0044	43	43	42	33	30	20	8	05	2	6	6	5			7			32	43	1587	0013	44	36
06	22	0046	43	43	42	33	29	16	8	51	5	8	6	5	2		7								
07	01	0047	43	43	42	33	30	16	8	50	5	8	6	5			8								
07	04	0057	42	42	42	33	19	02	8	51	5	6	6	5			7								
07	07	0083	42	42	42	33	22	10	8	51	5	6	6	5			7								
07	10	0094	42	42	41	33	22	32	8	21	5	6	6	5	2		7								
07	13	0104	42	41	40	32	22	40	8	21	5	6	6	5	2		7								
07	16	0011	34	24	14	33	19	32	8	02	5	6	6	5			7							0	
07	19	0117	42	41	40	33	22	32	8	03	5	6	6	5			7								
07	22	0108	41	41	40	34	21	12	8	50	5	8	6	5			8			32	38	652	0003	43	41
08	01	0097	41	41	40	33	23	12	8	51	5	8	6	5			7								
08	04	0080	42	41	39	34	28	40	8	02	5	8	6	5			8								
08	07	0080	42	42	41	34	29	16	8	50	5	8	6	5			7								
08	10	0081	42	42	42	33	29	04	8	47	5	8	6	5	2		7								
08	13	0079	42	42	42	33	23	01	8	51	5	8	6	6	2		7								
08	16	0073	42	42	42	33	23	04	8	62	5	8	6	7			7								
08	19	0081	42	42	41	31	18	01	8	51	5	8	6	6			7								
08	22	0093	40	40	40	29	19	04	8	51	5	8	6	5			6			34	42	664	0001	43	40
09	01	0108	41	41	40	28	17	04	8	50	5	8	6	5			6								
09	04	0128	39	38	37	00	00	32	8	20	5	8	6	5			6								
09	07	0148	38	37	34	00	00	81	3	01	2	6	6	5		5	6								
09	10	0157	40	39	37	00	00	82	2	02	1	5	6	4		8	6								
09	13	0157	41	39	35	32	00	82	1	02	1	4	6	4		8	6								
09	16	0160	41	39	36	33	00	82	1	02	0	4	5	4			6								
09	19	0167	39	39	38	30	07	01	1	46	1	4	6	4			6								
09	22	0166	40	40	40	35	12	03	8	44	4	8	6	0			8			28	26	459	0003	42	37

Results of Surface Observations,
MACQUARIE – Sep., 1957

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	0167	41	41	40	32	12	06	7	28	4	3	6	2			7								
10	04	0162	41	41	41	33	14	06	7	10	8	7	6	1			8								
10	07	0167	41	41	41	33	14	01	8	45	4	8	6	0			7								
10	10	0163	42	41	41	32	16	04	8	44	4	8	6	0			7								
10	13	0156	42	42	41	32	19	04	8	44	4	8	6	0			7								
10	16	0152	43	42	41	32	18	04	8	45	4	8	6	0			7								
10	19	0152	42	41	41	32	21	20	8	28	4	8	6	1			7								
10	22	0147	43	42	41	33	26	04	8	51	2	8	6	1			8			33	34	280	0001	43	40
11	01	0135	43	42	42	33	26	12	8	10	5	8	6	1			7								
11	04	0134	43	42	42	32	14	03	8	47	2	8	6	0			7								
11	07	0132	42	42	41	32	16	02	8	45	2	8	6	0			7								
11	10	0129	43	42	42	32	14	24	7	10	4	8	6	2	7		7								
11	13	0119	43	42	41	32	23	24	8	03	4	8	6	2			7								
11	16	0111	43	42	42	32	26	10	8	10	2	8	6	1			8								
11	19	0099	44	43	41	33	31	10	8	10	2	8	6	2	2		8								
11	22	0083	43	42	41	33	33	05	8	51	5	8	6	2	2		7			33	44	1551	0001	44	41
12	01	0071	43	42	42	33	32	04	8	51	5	8	6	2	2		8								
12	04	0078	42	41	39	32	23	24	8	50	5	8	6	4	2		7								
12	07	0095	42	41	40	32	17	10	8	05	5	8	6	3	2		7								
12	10	0092	42	41	40	31	18	32	8	05	2	8	6	3	7	6	6	7							
12	13	0071	43	41	39	32	19	40	8	03	1	8	6	3			7								
12	16	0053	42	41	40	34	18	64	7	01	2	7	5	3		8	7								
12	19	0011	42	41	40	34	20	64	2	01	2	2	6	3			7								
12	22	9965	42	41	39	33	29	64	8	02	2	3	6	2			7			34	49	683		44	41
13	01	9899	43	42	41	34	39	12	8	50	6	8	6	2			8								
13	04	9930	41	38	33	29	29	80	7	02	6	7	5	5			6								
13	07	9947	40	37	32	30	19	80	6	03	1	2	5	5		6	7		6						
13	10	9922	39	38	36	34	24	20	8	61	1	7	7	4	2		8	7							
13	13	9862	44	43	42	33	36	03	8	51	6	1	6	2	2		7	7							
13	16	9838	44	43	42	32	41	05	8	20	5	5	7	2	2		7								
13	19	9857	42	39	35	30	32	12	8	05	2	8	6	2	5		7								
13	22	9879	40	37	33	29	27	24	8	27	2	8	5	5	5		6			32	58	645	0003	45	37
14	01	9890	39	36	32	29	26	40	8	27	2	5	8	4		7	7								
14	04	9884	40	36	31	30	29	40	8	05	2	3	8	5		7	6								
14	07	9880	39	36	32	31	29	81	8	02	2	1	8	4	1	7	7								
14	10	9886	39	37	33	29	25	81	6	27	8	3	9	5		6	6		6						
14	13	9908	35	35	33	27	26	81	2	27	8	2	9	4		6	5		7						
14	16	9942	37	32	23	28	26	81	3	26	8	3	9	4		5	5								
14	19	9991	35	30	20	25	12	81	5	02	1	3	8	4			5			28	58	801	0005	40	32
14	22	0025	34	29	19	28	11	80	6	02	2	4	8	6			5								
15	01	0057	32	30	25	22	06	81	2	01	8	2	8	5			5								
15	04	0079	35	30	17	27	20	81	3	15	8	3	2	5			6								
15	07	0088	35	33	29	28	19	81	7	15	1	7	2	5			5								
15	10	0081	38	34	26	30	27	81	8	02	2	3	8	5		6	6								
15	13	0059	38	35	30	30	36	81	8	31	5	8	8	7			6								
15	16	0049	39	35	29	30	36	80	8	15	8	3	8	5	2		6								
15	19	0033	38	36	33	30	34	24	8	60	7	4	7	4	2		7								
15	22	0010	39	37	35	31	35	05	8	87	8	8	6	4			6			31	52	610	0005	40	32
16	01	9993	40	39	37	30	34	03	8	80	8	6	6	3			7								
16	04	0014	39	36	31	27	27	80	7	50	8	7	5	4			6								
16	07	0037	38	35	28	27	28	81	7	02	2	6	5	4		8	6		5						
16	10	0052	39	36	31	28	21	81	7	02	2	6	5	5		8	6		5						
16	13	0061	41	37	31	30	20	81	7	02	2	7	5	5		6	7								
16	16	0056	41	40	39	30	15	64	8	20	5	6	5	4		6	7								
16	19	0062	41	41	40	31	19	40	8	03	2	6	6	3			7								
16	22	0070	42	40	37	29	16	64	5	02	1	3	5	5			6			27	50	851	0011	42	37
17	01	0063	41	41	40	30	25	16	7	51	5	7	6	3			7								
17	04	0072	40	39	38	27	15	64	7	50	5	7	6	3			6								
17	07	0075	40	40	39	30	08	08	8	51	5	8	6	3			7								
17	10	0063	40	40	39	32	15	48	8	50	5	8	6	4			7								
17	13	0042	41	40	39	32	16	24	7	51	5	8	6	3			7								
17	16	0022	40	40	39	32	15	81	7	16	5	5	6	4			7		6						
17	19	0016	40	39	39	31	13	04	8	51	5	8	6	2		6	7								
17	22	9995	40	40	39	33	13	06	7	28	5	7	6	2			7			30	34	1510	0002	41	39
18	01	9971	41	41	40	33	15	05	8	10	5	8	6	2			8								
18	04	9947	41	41	41	32	09	01	8	45	4	8	6	0			7								
18	07	9935	41	41	41	33	15	10	8	10	4	8	6	2			7								
18	10	9915	42	42	42	32	14	48	8	02	2	7	6	2	2		7								
18	13	9893	42	41	38	32	26	80	7	20	2	5	6	4	5		7	7							
18	16	9874	41	40	39	32	25	32	8	50	2	8	6	2			7								
18	19	9893	40	36	30	28	25	64	7	20	2	7	6	5			7								
18	22	9905	39	34	24	27	27	80	2	01	2	2	5	5			6			27	43	425	0002	43	37

Results of Surface Observations,
MACQUARIE — Sep., 1957

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	9911	38	34	27	29	21	81	3	02	0	3	1	5			7								
19	04	9916	39	36	30	30	23	81	5	03	1	5	8	5			7								
19	07	9914	40	38	35	31	28	64	7	03	1	3	6	4	7		7								
19	10	9903	42	39	34	31	37	48	7	31	3	5	6	4	3		6	6							
19	13	9896	42	41	38	31	33	32	8	31	3	5	6	4	2	7	7	7							
19	16	9914	42	41	39	29	17	24	8	05	6	5	6	4	2		6	6							
19	19	9931	41	38	34	28	16	48	7	05	2	2	5	7	3		6	7							
19	22	9936	41	39	35	31	17	80	5	05	1	2	8	4	3		7	6		32	50	680	0001	43	38
20	01	9934	40	38	35	30	29	80	1	05	0	1	1	4			6								
20	04	9954	40	37	32	28	30	81	4	02	8	4	1	5			6								
20	07	9983	40	37	33	28	24	81	1	05	0	1	2	5			6								
20	10	0007	43	40	35	29	20	80	7	50	0	7	8	5		8	6		6						
20	13	0007	43	40	35	31	25	64	3	02	8	3	2	5		8	7		6						
20	16	0008	43	40	36	31	24	80	7	02	2	7	5	5		1	6		6						
20	19	0000	43	41	40	33	23	48	8	02	2	7	8	5			7								
20	22	9980	42	42	41	33	26	32	8	20	5	8	6	3			7			31	49	709	0007	44	35
21	01	9960	43	43	42	33	27	16	8	51	5	8	6	2			7								
21	04	9938	43	43	43	33	27	24	8	51	5	8	6	3			7								
21	07	9923	44	43	43	33	28	12	8	20	5	8	6	2			7								
21	10	9902	44	43	43	33	32	05	8	51	5	7	6	2	2		8								
21	13	9874	44	43	43	33	36	04	8	58	5	6	7	2	2		7								
21	16	9864	44	44	44	33	34	05	8	58	6	6	7	2	2		8								
21	19	9879	42	42	42	28	05	02	8	51	6	8	6	2	2		6								
21	22	9904	39	38	37	27	09	20	8	63	6	3	7	3	2		6			33	49	735	0001	45	38
22	01	9916	40	40	40	32	08	14	6	10	6	4	6	2			7								
22	04	9917	40	39	38	02	01	20	7	10	2	7	6	3			1								
22	07	9894	40	40	40	13	02	02	8	51	6	8	6	0	2		3								
22	10	9866	44	44	43	34	28	04	8	58	5	8	7	2	2		8								
22	13	9839	44	43	43	34	27	05	8	50	5	8	6	2	2		8								
22	16	9814	44	43	42	34	23	05	8	51	5	8	6	2	2		8								
22	19	9784	42	41	40	33	22	24	8	60	6	2	7	2	2		7								
22	22	9785	43	41	39	33	27	64	3	01	6	3	2	4			7			33	41	492	0053	45	40
23	01	9784	43	41	39	33	31	64	3	25	8	3	2	4			7								
23	04	9781	43	41	38	32	27	32	7	05	8	3	8	4		1	7								
23	07	9784	43	40	35	32	32	48	7	25	8	7	2	5		3	6								
23	10	9791	42	39	35	33	27	80	3	25	1	2	9	4		3	7		7						
23	13	9793	42	39	33	32	38	48	5	05	1	3	9	4		3	7		7						
23	16	9813	40	38	33	31	42	48	5	27	3	4	9	4			7								
23	19	9844	41	37	31	32	34	40	6	05	8	6	2	5			7								
23	22	9854	40	38	35	32	32	40	8	05	1	4	1	5		7	6		7	32	64	795	0028	43	36
24	01	9846	40	36	29	33	23	32	7	05	8	2	2	5	2		7	6							
24	04	9844	40	38	34	32	26	48	7	87	2	7	2	5			6								
24	07	9843	39	36	32	32	26	40	7	27	8	3	9	5		7	7		7						
24	10	9861	38	34	27	30	37	64	7	27	8	5	9	5		3	6								
24	13	9888	35	23	29	30	34	64	6	85	8	4	9	5		3	6								
24	16	9894	39	36	31	31	26	80	5	26	8	5	2	5			7								
24	19	9898	37	35	32	32	32	80	5	87	1	4	2	5			7								
24	22	9922	37	35	32	28	25	80	8	27	8	4	2	5		7	6			30	65	841	0006	41	34
25	01	9923	39	37	35	31	16	48	8	87	1	5	2	5		7	7								
25	04	9929	37	34	30	23	05	80	5	02	2	4	8	5		1	6								
25	07	9944	37	35	31	00	00	80	7	03	2	3	5	6		6	0								
25	10	9943	39	35	29	12	06	82	7	02	2	1	5	5	2	7	3	6	8						
25	13	9942	39	36	31	16	16	82	7	01	2	2	5	5	7	6	4	7	8						
25	16	9952	37	36	34	16	17	82	8	15	1	2	5	5	7		3	8	8						
25	19	9983	36	35	32	16	16	81	7	05	2	1	5	4	3		4	8							
25	22	0002	35	33	29	16	14	81	3	01	2	1	5	4	3		3	8		30	31	626	0005	40	35
26	01	0022	35	33	28	17	13	81	7	02	1	4	8	6	3		4	8							
26	04	0050	35	33	30	17	17	81	7	02	2	4	8	4			4								
26	07	0077	34	33	31	18	05	81	7	71	2	3	8	6			4								
26	10	0094	34	30	21	17	08	81	7	02	7	7	8	6	2	2		6							
26	13	0107	36	31	20	14	07	81	7	14	2	7	8	6	2	2		4							
26	16	0115	35	31	22	11	05	81	7	02	2	7	8	6	2	2									
26	19	0123	35	31	24	09	05	81	7	02	1	7	8	6	2	2									
26	22	0110	38	36	32	01	05	80	2	01	1	2	8	4			8			36	26	209		39	33
27	01	0093	39	37	34	36	14	64	3	02	8	3	1	4			8								
27	04	0067	41	39	36	36	22	81	7	02	1	7	6	5			8								
27	07	0042	43	41	40	36	25	48	8	60	6	6	7	3		2	7								
27	10	0024	40	39	38	33	17	20	8	61	6	4	7	3		2	7	7							
27	13	0025	41	39	37	34	19	24	7	60	6	4	6	3		2	8								
27	16	0022	42	40	38	34	21	32	5	05	6	3	8	3			7		7						
27	19	0030	41	40	38	34	18	32	6	05	1	3	6	3			8								
27	22	0037	41	40	38	34	15	48	3	05	1	2	6	3			8			01	45	463	0002	43	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
		mb 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
28	01	0033	41	40	39	34	13	48	2	05	0	1	6	3			7								
28	04	0027	41	40	39	35	13	48	6	05	1	1	6	3		6	8		7						
28	07	0025	41	40	39	35	16	48	7	05	2	2	6	3		2	8		7						
28	10	0018	41	40	38	35	13	80	6	05	1	3	6	2		6	8		7						
28	13	9998	42	41	39	35	08	81	7	02	1	7	6	2			8								
28	16	9985	42	41	40	34	12	81	3	02	4	1	6	2	4	1	7	7	7						
28	19	9973	41	40	40	34	12	81	3	02	1	1	6	2	4		8	7							
28	22	9969	37	35	32	29	05	64	7	23	5	7	0	5	2					34	24	455	0004	42	36
29	01	9961	39	38	36	31	12	81	2	02	0	2	6	4			6								
29	04	9958	37	35	31	26	15	81	4	02	6	4	1	5			6								
29	07	9968	36	33	28	27	14	81	5	15	8	5	2	5			6								
29	10	9970	37	35	31	28	16	81	7	24	1	7	5	4			6								
29	13	9973	37	35	31	27	15	81	7	20	2	7	5	4			6								
29	16	9974	37	35	32	27	10	82	7	20	2	7	5	4		1	6		6						
29	19	9975	37	35	32	30	06	82	7	02	2	7	5	4			6								
29	22	9970	38	36	32	34	05	81	7	20	5	7	5	4			7			25	28	365	0003	40	35
30	01	9956	40	38	36	01	09	81	7	05	2	7	6	4			7								
30	04	9925	41	41	40	01	17	81	7	05	2	2	6	3	2		8								
30	07	9913	42	41	41	36	14	02	8	51	5	8	6	2			8								
30	10	9901	42	42	41	34	07	24	8	10	5	8	6	2			7								
30	13	9873	43	42	40	36	18	64	8	01	5	1	6	3	7	8									
30	16	9855	42	41	39	36	11	64	8	03	2	8	6	5			8								
30	19	9835	42	41	39	16	02	20	8	61	6	4	7	2	2		3								
30	22	9799	42	41	41	09	06	16	8	51	6	8	6	3			2			36	31	341	0003	44	39

Results of Surface Observations,
MACQUARIE – Oct., 1957

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	9765	42	42	41	10	07	20	8	51	6	8	6	3			2								
01	04	9734	42	42	41	13	16	12	8	58	6	8	7	3	2		3								
01	07	9719	41	41	41	15	18	20	8	20	6	8	6	2			3								
01	10	9714	38	37	36	18	35	01	8	53	6	8	6	0			4								
01	13	9721	34	34	33	18	41	01	8	57	6	8	6	0			4								
01	16	9742	34	33	32	19	32	02	8	71	7	8	7	2	2		4								
01	19	9760	36	35	34	18	23	02	8	55	7	8	6	1			4			18	58	294	0047	43	34
01	22	9771	35	34	33	18	23	04	8	53	5	8	6	0			4								
02	01	9774	34	33	32	19	25	02	8	53	5	8	6	0			4								
02	04	9775	34	33	31	19	20	08	8	50	5	8	6	2			4								
02	07	9763	34	33	32	19	13	02	8	56	7	8	6	1			4								
02	10	9751	36	35	31	18	15	24	7	71	7	3	6	3			4								
02	13	9740	34	33	31	21	16	04	8	73	7	5	6	3			4								
02	16	9731	33	32	31	22	14	06	7	56	7	4	6	3			5								
02	19	9734	31	31	30	23	14	03	8	56	8	8	6	2			5			25	44	782	0037	36	31
02	22	9733	31	30	28	25	17	06	8	56	5	8	6	3			5								
03	01	9736	31	30	27	25	19	08	8	85	8	4	6	4			5								
03	04	9747	30	29	27	25	14	24	8	85	8	4	6	4			5								
03	07	9761	31	29	27	25	13	24	8	87	8	5	6	4			5								
03	10	9781	31	29	24	22	07	80	8	27	8	6	8	4			5								
03	13	9799	31	28	20	19	12	80	8	02	2	5	8	5			5								
03	16	9820	31	27	17	19	17	80	8	02	2	6	8	5			5								
03	19	9847	28	27	26	20	10	08	8	85	8	5	8	5			5			25	50	423	0004	32	27
03	22	9857	27	26	23	25	13	81	7	27	8	5	8	5			5								
04	01	9870	29	26	18	20	14	81	2	02	1	2	2	5			5								
04	04	9887	30	25	10	24	16	81	7	14	1	4	8	5			5								
04	07	9900	29	29	28	27	15	12	8	87	8	7	2	5		1	5								
04	10	9904	34	31	23	27	23	64	8	02	8	5	8	5			5								
04	13	9903	34	32	27	27	16	04	8	87	8	7	8	5			5								
04	16	9911	35	31	23	28	23	32	7	87	8	7	8	5			5								
04	19	9941	34	32	27	21	12	64	7	27	8	7	2	5			5			27	44	358	0002	36	28
04	22	9964	34	32	27	28	18	64	5	27	8	5	2	5			5								
05	01	9976	36	31	22	28	25	64	8	27	8	8	2	5			5								
05	04	9992	36	33	28	28	23	64	7	27	8	7	2	5			6								
05	07	0015	36	33	27	28	21	64	8	02	8	8	8	5			6								
05	10	0030	38	35	31	28	23	48	7	87	8	5	8	4			5								
05	13	0041	39	36	32	27	21	80	7	05	8	6	8	5		6	5		5						
05	16	0051	38	36	33	27	20	81	7	02	2	6	1	5		1	5		5						
05	19	0060	39	37	35	27	16	81	8	02	2	4	1	4	4		5	5		29	51	1536	0003	40	34
05	22	0072	39	38	37	28	17	24	8	80	8	5	2	4	3		6	5							
06	01	0071	40	39	37	29	15	81	7	02	8	4	8	3	3		6	5							
06	04	0063	41	41	41	31	19	81	7	02	2	7	6	3			7								
06	07	0063	43	41	39	32	17	81	7	02	2	7	5	6	4	7	7		6						
06	10	0054	44	42	40	33	20	81	7	03	1	2	5	6	4	8	7	7	6						
06	13	0036	43	41	38	33	21	80	7	02	2	7	5	6			7								
06	16	0012	44	41	37	34	22	81	8	02	2	5	5	6	4	8	7	7							
06	19	9983	43	42	41	35	22	24	8	50	2	7	5	6			7			34	37	1516	0002	44	39
06	22	9955	44	43	41	34	25	48	8	02	6	8	6	3			7								
07	01	9918	44	43	43	34	26	08	8	50	5	8	6	1			7								
07	04	9913	42	42	42	32	24	05	8	10	5	8	6	1			7								
07	07	9928	41	39	36	30	21	64	8	02	5	8	6	4			7								
07	10	9935	42	40	37	30	12	32	7	50	5	5	6	3			7								
07	13	9939	44	42	38	32	07	64	7	02	2	7	6	5			7								
07	16	9948	43	41	39	31	04	64	7	02	2	5	6	4			0								
07	19	9968	41	40	39	00	00	04	8	51	5	8	6	0			0			34	35	619	0003	45	40
07	22	9985	41	40	39	00	00	08	8	51	5	8	6	2			0								
08	01	9977	40	39	38	11	01	24	8	50	5	8	6	2			3								
08	04	9973	39	39	38	13	07	08	8	51	5	8	6	2			3								
08	07	9971	40	39	37	18	03	32	8	02	5	7	6	2			0								
08	10	9957	40	39	38	16	04	05	8	58	5	6	7	2	2		3								
08	13	9950	39	38	37	17	09	08	8	51	6	7	6	2	2		4								
08	16	9946	38	37	35	19	07	48	7	21	5	4	6	3	2		4								
08	19	9961	35	33	29	24	09	80	8	05	2	5	6	4			5			25	19	193	0007	41	31
08	22	9964	33	30	26	20	07	81	7	02	2	7	6	4			5								
09	01	9972	31	29	24	28	09	81	7	02	2	7	5	4			5								
09	04	9970	33	31	28	29	06	81	7	02	2	7	5	4			6								
09	07	9972	35	32	26	28	08	81	7	02	2	7	5	5			6								
09	10	9964	37	33	26	30	08	81	7	02	2	7	5	5			7								
09	13	9949	39	35	27	32	11	81	8	02	2	8	5	5			7								
09	16	9935	39	36	29	34	13	81	7	02	2	7	6	5			8								
09	19	9926	39	38	35	36	07	80	8	50	6	6	6	4	2		8			28	26	256	0004	40	31
09	22	9907	39	38	36	02	03	81	8	21	6	2	6	4	1										

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	9879	41	39	37	07	06	81	8	02	2	2	6	4	1		1								
10	04	9853	41	39	38	08	07	24	8	51	6	7	6	3	2		2								
10	07	9815	41	40	40	09	10	04	8	51	6	8	6	2			2								
10	10	9778	43	42	41	36	17	08	8	51	6	8	6	2			2								
10	13	9786	41	39	36	31	35	24	8	02	6	8	6	2			2								
10	16	9815	41	39	36	30	30	24	7	20	5	8	6	2			2								
10	19	9835	40	39	37	30	18	40	3	02	1	7	6	2			2								
10	22	9849	40	39	37	30	16	48	7	03	1	7	5	5		1	6		6	30	48	253	0014	43	39
11	01	9853	40	38	36	30	14	80	2	01	1	2	5	5			6								
11	04	9845	41	40	39	32	11	80	5	02	1	5	6	2			6								
11	07	9844	42	41	39	34	11	48	7	02	2	4	6	2			7								
11	10	9832	44	41	39	35	11	40	7	05	2	2	6	3			7								
11	13	9813	44	42	40	35	11	40	7	05	2	2	6	3		6	7								
11	16	9798	43	42	40	36	11	64	7	02	2	2	6	3	3	6	7	7	7						
11	19	9797	43	42	40	01	13	48	8	02	2	2	6	3		6	7		7						
11	22	9787	43	42	41	01	13	48	7	50	2	3	6	3		2	8								
12	01	9772	42	42	41	34	10	20	8	51	6	8	6	2			7								
12	04	9763	41	41	41	00	00	04	8	51	6	8	6	2			0								
12	07	9763	42	41	41	00	00	16	8	21	5	5	6	2	2		8								
12	10	9761	43	42	41	00	00	03	8	51	5	5	6	2			7								
12	13	9760	44	43	41	00	00	32	8	20	5	5	6	2	7		7								
12	16	9767	42	41	40	00	00	48	8	02	2	6	6	2	7		7								
12	19	9788	42	41	40	00	00	48	7	02	2	3	6	2			7								
12	22	9804	41	40	39	18	01	48	5	02	2	5	6	2						01	20	317	0009	44	39
13	01	9815	39	38	38	00	00	48	7	02	2	3	6	2		8	7								
13	04	9838	37	37	37	18	07	16	8	51	5	8	6	1			4								
13	07	9854	34	33	31	18	06	48	7	02	5	7	6	2			5								
13	10	9878	37	36	33	25	01	81	8	02	5	8	6	4			6								
13	13	9883	37	35	31	29	07	81	7	20	5	7	5	4			6								
13	16	9883	36	34	31	27	06	81	7	14	5	7	5	4			6								
13	19	9878	38	36	33	32	11	80	7	50	2	7	5	4			7								
13	22	9855	40	38	36	34	16	81	8	21	5	8	0	5	2					32	28	144	0002	40	33
14	01	9834	38	37	36	33	19	32	8	61	6	6	7	3			7								
14	04	9867	37	33	26	25	13	81	8	03	6	6	2	5	2		6								
14	07	9891	39	35	29	29	15	81	4	02	6	5	1	4		7	6		7						
14	10	9907	40	36	28	27	14	82	1	02	6	3	1	4		1	6		7						
14	13	9916	41	39	36	26	07	82	6	25	1	5	2	4			6		6						
14	16	9910	41	38	34	31	19	32	7	80	8	7	2	4		1	6								
14	19	9909	41	40	38	31	16	32	7	03	2	8	6	4			7								
14	22	9893	40	39	38	33	20	16	8	51	6	8	6	2			7			24	40	374	0011	43	35
15	01	9867	42	42	42	31	19	16	8	50	5	8	6	2			7								
15	04	9863	42	42	41	31	22	08	8	20	5	8	6	1			7								
15	07	9855	43	42	41	33	23	08	8	51	5	8	6	1			7								
15	10	9835	44	42	40	33	26	24	8	21	5	8	6	1	7		7								
15	13	9799	43	42	41	32	30	24	8	61	6	8	6	1	2		7								
15	16	9781	44	43	41	32	31	20	8	61	6	8	6	1	2		7								
15	19	9840	38	35	31	27	19	81	6	02	6	5	7	1			6								
15	22	9871	39	36	31	27	16	81	1	02	0	1	1	5		2	6			27	42	1508	0002	44	38
16	01	9887	40	37	32	30	19	81	1	02	0	1	1	5			6								
16	04	9902	40	39	36	32	16	81	6	02	1	1	1	5		1	6								
16	07	9911	42	40	38	33	17	81	7	02	2	1	1	5		6	7		6						
16	10	9915	42	39	35	34	16	82	7	03	1	1	1	5		6	7		6						
16	13	9896	43	39	34	36	14	82	3	02	1	1	1	5		8	7		7						
16	16	9874	42	40	36	00	00	81	8	03	1	2	6	5	7	7	8								
16	19	9836	43	42	41	36	25	04	8	61	6	6	7	6	2		8								
16	22	9818	43	42	41	35	20	02	8	51	6	8	7	5	2		8			36	40	1599	0011	44	39
17	01	9810	42	41	40	33	17	16	8	05	5	8	6	7	2		8								
17	04	9792	41	39	37	36	17	24	8	61	6	6	7	6	2		8								
17	07	9769	39	38	37	36	11	48	8	60	6	6	7	5	2		8								
17	10	9751	41	40	37	36	15	81	7	03	6	6	7	5	2		8								
17	13	9720	44	42	40	01	16	81	7	20	6	7	6	5	2		8								
17	16	9678	43	42	41	36	14	24	8	61	6	7	6	5	2		8								
17	19	9671	42	41	39	34	12	81	5	03	2	7	6	5	2		8								
17	22	9662	41	39	37	35	14	81	5	25	6	8	7	5	4		8			01	43	414	0007	45	38
18	01	9667	41	40	39	30	18	20	8	51	6	8	6	3	2		7								
18	04	9745	35	34	34	27	49	16	8	83	6	8	2	5			6								
18	07	9832	38	34	25	28	28	81	6	02	8	4	2	5		1	6								
18	10	9871	41	37	30	29	23	81	6	02	6	6	1	5			6								
18	13	9910	35	35	33	28	20	04	8	87	6	8	2	5			6								
18	16	9930	40	36	29	29	14	81	7	15	8	8	2	5			6								
18	19	9938	39	36	30	30	04	81	8	02	8	4	2	5			6		6						
18	22	9935	39	36	32	16	11	48	8	02	8	3	0	8	7	2	6	7		27	72	606	0016	41	34

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	9937	38	35	29	16	14	48	8	02	2	4	6	3		7	4	6							
19	04	9972	36	33	27	19	03	80	7	02	2	1	6	3	3	4	4	6							
19	07	0001	39	36	30	28	11	81	7	03	1	3	8	5			6								
19	10	0039	39	35	28	27	13	82	4	15	3	4	2	5			6								
19	13	0071	40	35	26	27	21	82	1	02	3	1	1	4			6								
19	16	0085	39	37	34	29	11	82	5	26	0	5	9	5		3	6								
19	19	0083	41	39	36	32	20	81	7	03	1	2	6	4	7	6	7								
19	22	0067	42	40	37	31	27	81	5	25	1	5	2	4			6			31	41	361	0003	42	35
20	01	0072	40	38	35	29	23	81	3	02	8	3	2	4			6								
20	04	0101	39	36	30	27	22	81	2	03	0	1	1	4	3		6	6							
20	07	0102	41	39	35	30	12	81	6	03	1	1	1	4	7		6								
20	10	0079	40	39	37	33	17	24	8	61	6	5	6	3	2		7								
20	13	0023	43	41	39	33	28	24	8	61	6	4	6	2	2		7								
20	16	9953	42	42	40	34	30	32	8	21	6	7	6	3	2		7								
20	19	9858	43	42	41	34	34	08	8	65	6	5	6	2	2		7			34	57	1580	0002	45	38
20	22	9742	44	43	42	34	42	04	8	65	6	7	6	2	2		7								
21	01	9655	44	44	43	33	35	02	8	51	6	5	6	2	2		7								
21	04	9611	43	43	42	33	32	16	8	51	5	8	6	2			7								
21	07	9605	36	35	33	27	32	16	8	59	6	8	6	2	2		6								
21	10	9644	35	33	28	27	37	64	7	27	8	7	2	3			6								
21	13	9709	36	32	24	28	33	24	7	87	8	7	2	4			6								
21	16	9756	33	31	27	26	14	16	7	87	8	7	9	4		3	6								
21	19	9797	30	28	22	27	24	80	6	16	3	5	9	4		3	6								
21	22	9803	33	31	26	28	22	81	2	26	1	2	9	4		3	6			28	69	895	0052	45	29
22	01	9792	32	32	31	27	26	24	6	85	8	6	9	4		3	6								
22	04	9777	35	34	32	30	21	32	8	68	1	2	7	3	2		6								
22	07	9768	35	34	32	27	16	16	7	56	7	3	8	4			6								
22	10	9786	35	32	27	26	32	16	8	87	8	8	2	4			6								
22	13	9815	37	32	23	27	32	32	7	27	8	7	2	4			6								
22	16	9849	37	34	28	27	32	32	7	27	8	5	8	4			6								
22	19	9899	37	34	28	27	30	32	8	05	2	3	8	4			6			27	50	706	0010	39	32
22	22	9926	38	35	28	27	28	32	5	20	5	5	2	4			6								
23	01	9953	39	36	31	27	26	32	6	05	2	6	2	4			6								
23	04	9965	41	39	36	29	25	32	8	05	2	8	2	4			6								
23	07	9989	41	40	39	30	26	32	8	50	5	8	6	2			6								
23	10	9991	41	40	39	30	21	20	8	51	5	8	6	2			6								
23	13	9995	43	41	39	32	22	80	7	02	5	6	6	3		6	6		6						
23	16	9989	43	42	40	32	20	80	7	02	2	7	6	3	3	6	6		7						
23	19	9986	43	42	41	31	21	20	8	50	2	8	6	3			6			30	39	805		43	38
23	22	9985	43	42	41	32	20	24	6	20	5	6	6	3			6								
24	01	9984	43	42	41	31	22	40	6	02	2	6	6	3			6								
24	04	9976	42	42	41	32	18	32	8	02	2	8	6	2			6								
24	07	9964	43	42	41	32	19	40	8	21	2	8	6	3			6								
24	10	9956	44	42	39	32	19	32	7	03	2	4	6	2	7		7	7							
24	13	9946	45	43	40	32	21	20	7	20	5	7	6	2			7								
24	16	9932	44	42	40	32	18	20	7	20	5	7	6	2			7								
24	19	9904	42	41	41	33	22	16	8	02	5	8	6	1			7								
24	22	9860	43	42	41	33	27	04	8	61	6	7	6	2	2		7			33	39	617	0002	45	41
25	01	9829	42	40	37	32	26	16	6	25	8	6	2	4			7								
25	04	9823	41	39	37	29	25	48	7	02	2	7	6	3			7								
25	07	9879	37	35	32	27	28	32	7	26	8	7	2	4			6								
25	10	9905	38	35	30	27	21	80	6	27	8	6	9	5		3	6								
25	13	9917	40	36	29	27	20	81	1	01	8	1	8	5			6								
25	16	9912	40	37	33	30	18	81	7	15	1	7	8	5			6								
25	19	9887	39	37	33	31	26	80	8	27	8	6	2	5	2		6								
25	22	9831	41	39	37	33	36	32	8	60	2	8	7	5	2		6			29	54	658	0012	42	37
26	01	9770	42	41	41	32	35	04	8	63	6	7	7	3	2		7								
26	04	9762	38	37	35	29	23	32	7	51	6	7	6	3			7								
26	07	9774	37	37	36	29	29	32	7	87	8	7	2	5		3	7								
26	10	9770	38	36	32	29	34	02	8	86	8	8	2	4			6								
26	13	9761	39	36	30	29	39	24	7	27	8	8	9	4		3	6								
26	16	9752	38	35	30	29	29	24	7	27	8	5	9	4		3	6								
26	19	9766	36	34	30	29	35	02	8	88	8	8	9	4			6								
26	22	9763	38	35	30	30	34	32	5	27	8	5	2	4			6			29	68	775	0021	43	34
27	01	9755	39	35	28	30	38	32	6	05	1	6	2	4			6								
27	04	9771	37	36	33	30	38	08	8	80	8	8	2	4			6								
27	07	9783	37	36	34	30	35	48	7	27	8	5	9	4		3	6								
27	10	9792	39	36	30	30	26	80	8	27	8	3	9	4		7	6		7						
27	13	9785	39	35	27	30	19	80	8	02	8	3	2	4	1		6	7							
27	16	9782	39	35	29	28	15	81	8	02	8	3	1	4		6	6		7						
27	19	9788	37	35	30	29	16	81	6	27	1	4	2	4		1	6								
27	22	9787	38	36	32	30	25	08	7	87	8	7	2	4			6			29	66	955	0007	40	34

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	9804	35	33	29	27	19	81	2	02	8	2	2	4			6								
28	04	9830	31	30	28	27	16	32	6	85	8	6	9	4		1	6								
28	07	9848	34	32	28	27	17	81	6	15	8	5	2	4		4	6		6						
28	10	9874	36	32	23	28	12	81	6	15	8	4	8	5		2	6		6						
28	13	9884	37	34	29	28	09	82	6	15	8	4	8	5		3	5		6						
28	16	9894	34	33	32	30	22	00	7	86	2	3	6	3			6								
28	19	9896	34	32	29	29	02	82	2	15	8	1	8	5			6		6						
28	22	9904	32	30	26	27	05	82	2	02	8	2	2	5		3	6			28	44	494	0005	39	31
29	01	9904	36	33	29	31	13	82	2	02	8	2	2	5			6								
29	04	9905	35	32	26	29	05	82	4	15	8	4	2	5		1	6								
29	07	9900	37	34	28	32	08	82	6	15	1	5	8	5		8	6		6						
29	10	9896	36	34	31	28	15	48	7	85	1	5	9	5		3	7		6						
29	13	9891	38	35	29	31	06	82	3	02	0	2	1	5		4	7								
29	16	9885	38	34	26	00	00	82	7	03	0	1	1	5	7	6	7	7	7						
29	19	9877	35	34	32	08	06	81	8	22	7	1	6	3	7	7	2								
29	22	9865	34	34	34	01	09	32	7	80	8	7	2	4			8			30	35	306	0002	40	31
30	01	9846	33	33	33	00	00	48	6	26	8	6	2	4			8								
30	04	9832	33	32	29	27	16	64	7	02	2	2	8	4			6								
30	07	9822	33	33	32	27	18	48	7	87	8	7	2	4			6								
30	10	9804	37	33	24	27	21	82	6	16	1	5	9	5		3	5								
30	13	9778	35	32	25	27	07	82	7	14	1	3	2	5		6	5								
30	16	9770	35	31	23	20	04	82	7	16	8	1	2	5	2	8	5	5	7						
30	19	9781	32	31	28	27	12	81	4	16	1	4	2	5		3	5								
30	22	9780	30	30	28	27	19	01	8	86	8	8	9	5						27	48	281	0031	37	29
31	01	9800	31	29	24	20	14	64	7	26	8	7	2	5			5								
31	04	9824	31	30	27	20	15	16	8	85	8	8	2	5			5								
31	07	9851	35	29	18	19	16	81	7	02	8	7	2	5	3		4								
31	10	9860	35	29	18	25	05	81	3	01	2	3	2	6			5								
31	13	9857	36	32	23	27	06	82	2	02	1	2	8	6			5								
31	16	9853	35	31	23	29	11	82	7	15	1	2	8	6			5								
31	19	9849	31	31	31	29	13	01	8	86	8	5	8	5			5								
31	22	9849	31	30	27	22	03	82	7	15	8	7	8	7			6			20	34	425	0002	37	30

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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	9845	32	30	27	00	00	82	8	02	2	8	5	7			6								
01	04	9851	33	31	25	23	03	82	7	02	2	7	5	7			6								
01	07	9862	35	31	22	17	01	82	7	02	2	7	5	7			6								
01	10	9873	38	33	23	28	03	82	7	02	2	7	5	6		1	6		6						
01	13	9877	39	34	23	31	09	82	7	03	2	7	5	6			7								
01	16	9879	39	37	34	33	16	82	7	03	2	7	5	6			8								
01	19	9871	41	40	39	33	16	82	8	05	2	8	5	6			7	8		30	35	201	0001	42	31
01	22	9869	42	40	39	31	19	24	8	21	5	8	5	6	2										
02	01	9870	41	40	39	30	23	24	8	50	5	8	6	3			6								
02	04	9884	41	40	39	30	19	24	8	50	5	8	6	2			7								
02	07	9906	40	39	38	27	17	16	8	50	5	8	6	2			6								
02	10	9921	41	39	37	27	17	16	8	50	5	8	6	3			6								
02	13	9943	42	40	37	28	16	80	7	02	5	7	6	3			6								
02	16	9954	41	39	36	28	17	80	7	02	5	7	6	3			6								
02	19	9974	39	38	37	27	11	24	6	51	5	7	6	3			6			27	33	479	0001	43	38
02	22	9984	39	38	37	28	07	64	7	20	5	6	5	3			6								
03	01	9984	40	38	36	29	04	64	8	03	2	6	6	3	2		6								
03	04	9987	40	38	36	27	02	80	8	02	2	6	5	4	2		6								
03	07	0001	41	39	37	28	03	48	8	50	2	5	6	3	2		6								
03	10	9999	42	41	39	32	03	80	7	50	2	5	7	4	7		7	5							
03	13	0007	45	42	38	30	05	88	7	60	2	3	6	4		2	7		7						
03	16	0022	44	41	38	30	04	82	7	02	2	7	6	3		1	6		6						
03	19	0045	40	39	37	25	02	82	7	03	2	5	6	3			6			29	19	296	0002	45	39
03	22	0066	40	39	38	27	05	82	7	02	2	7	6	3			6								
04	01	0074	40	39	38	27	09	81	7	20	5	7	6	2			6								
04	04	0090	42	41	40	27	14	80	8	15	2	8	6	2			6								
04	07	0107	42	40	38	29	13	80	7	50	2	5	6	3			7								
04	10	0118	43	41	39	28	18	48	7	02	2	5	6	2			7								
04	13	0124	43	41	38	30	15	80	8	02	2	5	6	3			7								
04	16	0125	42	40	38	31	19	80	8	02	2	5	6	2			6								
04	19	0133	41	41	41	30	19	16	8	51	5	8	6	2			7			30	29	256		45	39
04	22	0138	41	41	41	30	18	16	8	51	5	8	6	2			7								
05	01	0133	41	41	41	32	17	16	8	51	5	8	6	2			7								
05	04	0133	41	40	39	31	21	24	8	51	5	8	6	2			7								
05	07	0137	43	41	39	32	20	48	8	02	5	4	6	3			7								
05	10	0131	43	41	38	33	20	64	8	02	2	3	5	3			7								
05	13	0122	44	42	39	33	23	64	7	02	2	8	5	5			7								
05	16	0116	43	42	39	33	23	80	7	02	2	7	5	5			7								
05	19	0113	43	42	40	33	22	64	8	02	2	8	5	5			7			35	31	1546	0001	44	41
05	22	0105	43	42	41	33	23	64	8	02	2	8	5	5			7								
06	01	0090	43	42	41	33	24	64	8	02	2	3	6	3			7								
06	04	0082	43	42	41	34	22	80	8	02	2	8	6	3			7								
06	07	0078	44	43	41	34	22	80	8	02	2	8	5	6			7								
06	10	0071	45	43	40	34	23	48	8	02	2	8	5	6			7								
06	13	0055	44	43	41	34	24	48	8	05	2	8	5	6			7								
06	16	0044	44	43	41	35	18	40	8	05	2	8	5	6			8								
06	19	0037	43	42	41	36	14	40	8	05	2	8	5	6	3		8			33	31	602	0000	45	43
06	22	0020	43	42	41	01	16	40	8	05	2	4	6	5	2		8								
07	01	9993	43	42	42	36	11	32	8	05	2	6	6	2			8								
07	04	9973	43	43	42	35	10	01	8	10	2	6	6	2			8								
07	07	9962	44	43	43	36	12	20	8	61	2	6	7	2			8								
07	10	9936	45	44	43	01	18	12	8	61	2	6	6	0		2	8								
07	13	9913	44	44	44	36	10	01	8	51	2	6	6	0		2	8								
07	16	9911	43	43	44	30	10	01	8	45	2	5	6	0		2	7								
07	19	9928	40	40	43	30	15	08	8	28	2	4	6	0		2	7			01	32	460	0008	46	34
07	22	9946	39	39	38	29	07	04	8	51	2	5	6	1		2	7								
08	01	9943	39	38	37	18	18	24	8	20	5	6	6	2			4								
08	04	9947	38	37	35	16	23	24	8	61	5	6	6	2			4								
08	07	9937	36	35	34	17	26	24	8	63	5	6	7	2		2	3								
08	10	9943	36	35	34	17	27	01	8	68	5	7	7	2		2	4								
08	13	9975	37	35	31	18	18	81	8	02	5	7	7	2		2	4								
08	16	0002	37	34	29	17	18	82	8	02	5	7	7	2		2	4								
08	19	0034	37	33	27	18	07	82	8	15	5	7	7	2		2	4			16	33	325	0018	40	35
08	22	0065	36	33	26	20	02	82	8	15	5	7	7	2		2	4								
09	01	0078	37	33	25	25	02	82	7	02	2	7	5	2			5								
09	04	0088	36	34	29	00	00	82	7	01	2	7	5	2			6								
09	07	0096	40	36	28	31	02	82	7	02	2	7	5	2			7								
09	10	0101	42	36	25	35	05	82	7	02	2	7	5	2			7								
09	13	0087	43	36	27	35	09	82	7	02	2	7	5	2			7								
09	16	0074	42	38	30	35	13	82	7	02	2	7	5	2			7								
09	19	0067	41	38	33	35	10	82	7	02	2	8	5	2			7			34	22	363	0005	43	36
09	22	0055	42	39	35	35	14	82	8	02	2	8	5	2			7								

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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	0031	42	40	37	35	12	82	8	02	2	8	5	3	2		8								
10	04	0009	41	41	41	34	19	64	8	61	6	8	6	2			7								
10	07	0007	41	40	39	24	05	64	8	02	6	6	6	2			5								
10	10	0006	42	40	36	27	16	80	7	15	6	3	8	4			6								
10	13	9999	42	39	33	27	15	81	7	15	8	2	8	4			6								
10	16	9992	42	39	35	27	19	81	7	15	8	2	8	4			6								
10	19	9994	40	39	36	27	18	81	7	80	8	4	8	4			6								
10	22	9996	39	36	32	27	21	81	7	02	8	3	8	4			5			27	35	377	0005	44	38
11	01	9996	38	35	31	27	21	81	7	27	8	3	8	4			6								
11	04	9998	37	34	30	27	10	81	6	02	8	4	8	4			6								
11	07	0011	39	36	31	27	06	81	6	05	8	2	8	4			6								
11	10	0015	40	36	28	28	06	81	7	02	8	1	8	5			5								
11	13	0014	42	38	32	29	08	81	7	05	8	2	8	5			5								
11	16	0023	42	38	32	28	08	81	7	50	8	2	8	5			5								
11	19	0031	38	36	33	17	04	32	7	50	8	4	8	5			5								
11	22	0034	37	36	34	15	02	24	8	51	8	7	6	2			4			27	38	444		44	37
12	01	0017	39	38	37	36	04	40	8	20	5	8	6	3			8								
12	04	0002	40	39	39	36	07	40	8	20	5	8	6	3			8								
12	07	9998	41	40	39	35	05	44	8	02	5	8	6	3			8								
12	10	9987	43	41	38	36	14	81	8	61	6	8	7	4	2		1	8							
12	13	9965	44	42	40	36	14	80	8	05	6	8	6	3	2		8	8							
12	16	9945	44	42	40	36	09	48	7	58	6	8	6	3	2		8	8							
12	19	9930	43	42	41	36	17	20	8	58	6	8	6	3	2		8	8							
12	22	9910	43	43	43	36	28	06	8	58	6	8	7	2	2		8	8		36	46	180	0001	45	39
13	01	9894	44	43	42	36	22	10	8	21	6	6	7	2	2		8	8							
13	04	9873	43	43	42	36	19	05	8	50	5	6	6	2	2		8	8							
13	07	9866	43	42	42	35	16	10	8	20	5	6	6	2	2		8	8							
13	10	9861	43	42	41	34	14	32	8	60	6	7	6	2	2		7	8							
13	13	9848	43	42	41	33	10	32	7	20	6	7	6	2	2		8	8							
13	16	9841	43	41	39	33	12	48	7	02	6	7	6	2	2		8	8							
13	19	9837	42	41	39	01	06	32	7	05	6	3	6	2	2		8	8							
13	22	9820	43	41	39	36	07	24	8	51	6	6	6	2	2	4	8	7	7	01	37	455	0007	45	41
14	01	9791	42	41	40	01	14	32	8	21	7	6	6	2	2		8								
14	04	9776	42	41	40	01	06	48	8	02	7	6	6	2	2		8								
14	07	9771	43	42	41	00	00	32	8	02	6	6	6	2	2		8								
14	10	9764	44	42	40	27	02	48	8	15	6	6	6	2	2		8								
14	13	9762	43	42	41	28	09	06	8	58	6	6	6	2	2		8	5							
14	16	9771	41	39	35	27	18	81	8	02	6	6	7	2	2		8								
14	19	9793	39	37	34	27	18	81	8	02	6	5	6	2	3		8								
14	22	9813	40	38	35	27	14	81	7	02	7	2	5	2	4		8			27	35	261	0003	46	39
15	01	9830	40	38	35	27	14	81	7	20	8	3	8	4	4		8								
15	04	9845	39	38	36	25	06	81	7	15	8	7	8	5	5		6								
15	07	9841	42	39	33	31	02	81	7	02	8	8	8	5	5		7								
15	10	9831	42	39	34	36	11	82	8	02	8	8	8	5	5		7								
15	13	9781	42	41	39	01	19	24	8	61	8	8	8	5	5		7								
15	16	9718	42	42	42	36	18	12	8	58	8	8	8	5	5		7								
15	19	9696	42	41	40	32	13	48	8	05	8	8	8	5	5		7								
15	22	9692	43	42	41	33	19	40	8	05	8	6	8	5	5		7			35	49	376	0004	44	39
16	01	9675	43	42	41	35	12	40	7	05	6	2	6	2	2		8								
16	04	9653	43	42	41	35	16	32	7	21	6	6	6	2	2		8								
16	07	9652	43	42	41	33	22	32	8	58	6	6	6	2	2		8								
16	10	9667	44	42	40	32	24	20	8	05	6	5	6	2	4		7								
16	13	9693	44	42	38	31	27	20	8	05	8	1	6	2	4		7	6							
16	16	9707	44	42	40	33	24	40	8	06	6	6	6	2	4		7								
16	19	9696	42	41	40	35	09	06	8	61	7	6	7	2	2		8	6							
16	22	9673	43	43	43	33	20	03	8	51	7	7	6	2	2		8			31	40	487	0018	45	42
17	01	9681	42	42	42	31	12	01	8	53	8	5	6	2	2		7								
17	04	9675	42	42	42	33	09	00	8	53	8	5	6	2	2		7								
17	07	9668	43	43	42	33	21	02	8	51	8	6	6	2	2		7								
17	10	9655	44	43	42	34	10	10	8	50	8	6	6	2	2		7								
17	13	9694	44	42	39	29	18	48	8	03	8	6	6	2	2		7	7							
17	16	9731	43	41	38	31	19	64	8	02	8	6	6	2	2		7	7							
17	19	9759	43	41	38	32	21	48	7	02	8	6	6	2	2		7	7							
17	22	9774	43	41	39	33	24	32	6	05	8	5	6	2	2		7			27	35	1504	0013	46	42
18	01	9778	43	41	39	33	24	24	7	80	8	6	7	2	2		7								
18	04	9778	42	41	40	32	27	10	8	63	8	6	6	2	2		7								
18	07	9805	43	42	41	32	25	12	8	51	8	6	6	2	2		7								
18	10	9810	44	43	42	32	27	48	8	25	8	5	6	2	2		7								
18	13	9815	44	43	42	33	31	48	8	25	8	5	6	2	2		7								
18	16	9817	44	43	41	33	27	32	8	05	8	5	6	2	2		7		3						
18	19	9839	43	42	41	33	28	20	8	15	8	5	6	2	2		7								
18	22	9853	42	41	39	31	24	24	8	80	8	5	6	2	2		7			32	44	641	0007	45	41

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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
19	01	9856	41	40	40	29	15	04	7	51	8	7	6	4			7								
19	04	9857	41	39	37	27	09	80	7	15	5	3	8	4			6								
19	07	9856	43	40	36	23	02	81	6	15	2	2	8	4		8	5		7						
19	10	9861	40	38	35	00	00	16	7	51	5	4	6	2			0	6							
19	13	9851	45	40	32	28	04	82	6	03	5	4	5	3			6								
19	16	9857	41	38	32	28	08	82	8	02	5	2	8	3	0		5	7							
19	19	9866	39	35	28	28	13	82	7	02	6	8	8	3	3		6	6							
19	22	9876	37	35	32	26	09	24	7	50	8	3	8	4			6			26	28	1534	0003	45	34
20	01	9877	37	35	32	26	11	82	7	02	8	4	8	4			6								
20	04	9888	37	33	24	27	10	82	8	02	8	6	8	4			6								
20	07	9898	37	34	29	27	16	81	8	85	8	7	8	4			6								
20	10	9897	39	34	25	28	09	82	7	15	8	2	8	4	0	1	6		7						
20	13	9895	38	36	32	29	21	81	5	15	8	3	8	5	0										
20	16	9898	35	35	33	34	02	82	7	26	1	3	8	5	0	8	6		7						
20	19	9900	38	35	30	32	02	82	5	15	8	2	9	5	0	1	6		7						
20	22	9899	37	35	30	02	02	82	1	02	8	1	8	5	0	8	7		7	25	30	298	0005	42	33
21	01	9882	38	36	33	01	08	82	2	02	8	2	8	5	0	8	8		7						
21	04	9864	37	36	34	34	12	81	7	15	8	3	8	5	0		8								
21	07	9859	38	36	33	31	09	82	6	15	8	4	8	5	0	3	7		8						
21	10	9859	41	36	26	27	17	82	2	15	8	2	8	5			6								
21	13	9861	41	35	23	29	15	82	3	15	8	3	8	5			6	6							
21	16	9855	39	36	31	28	12	82	5	85	8	3	9	5			7								
21	19	9854	37	35	31	28	12	82	2	15	8	2	9	5			6								
21	22	9848	38	34	26	30	13	82	2	02	1	2	1	5			6			31	28	293	0004	43	35
22	01	9832	39	35	29	35	07	82	7	03	1	4	8	6	3		8	7							
22	04	9800	39	37	33	00	00	82	8	02	2	4	1	5	7		8	7							
22	07	9768	40	38	35	36	01	82	8	60	2	4	6	4	7		8		7						
22	10	9729	40	39	38	08	12	48	8	20	6	7	6	3	2		1								
22	13	9683	42	42	42	04	03	32	8	50	6	7	6	2	2		7								
22	16	9653	44	43	42	31	09	81	8	01	6	1	6	3	2	7	7	7	7						
22	19	9639	42	41	40	32	07	81	7	02	5	3	6	4	0	8	7		8						
22	22	9622	41	41	41	30	16	80	8	20	5	5	6	3			6			29	44	318	0005	45	38
23	01	9606	39	38	37	30	25	81	7	02	8	4	8	4			7								
23	04	9615	36	35	34	18	22	02	8	68	7	7	6	3	2		4								
23	07	9667	32	32	32	21	15	01	8	73	8	8	7	2	2		5								
23	10	9694	34	32	28	25	18	24	8	78	8	6	8	4			5								
23	13	9724	35	33	29	28	25	24	8	80	8	5	8	4			5								
23	16	9754	37	33	25	28	29	48	7	02	8	4	8	4			5								
23	19	9782	36	31	22	27	23	81	5	02	8	5	8	5			5								
23	22	9796	36	32	24	28	22	81	4	02	2	3	8	5			5			27	50	447	0018	40	32
24	01	9798	35	31	23	28	23	81	7	27	8	7	2	4			5								
24	04	9797	36	33	26	28	22	81	7	02	8	7	2	4			6								
24	07	9804	33	32	30	28	19	01	8	88	8	8	2	4			5								
24	10	9809	36	34	30	26	16	81	8	26	8	3	1	4	5	7	5	5							
24	13	9833	36	34	30	25	15	81	8	26	8	4	8	5			5								
24	16	9857	36	34	29	21	16	64	8	27	8	4	8	4			5								
24	19	9886	36	32	25	19	16	48	8	05	8	4	8	4			5								
24	22	9910	35	32	25	19	14	48	8	50	8	4	8	4	5	7	5		6	27	45	1576	0007	38	31
25	01	9923	35	32	25	19	10	48	8	20	8	3	8	4			4								
25	04	9942	35	33	28	20	08	48	8	05	8	4	8	4			5								
25	07	9959	35	32	26	19	05	81	8	05	8	2	8	5			4								
25	10	9973	36	32	24	24	03	80	8	16	8	3	8	5			6								
25	13	9988	38	34	27	20	04	80	8	85	8	5	8	5			4								
25	16	9998	37	33	25	24	03	80	7	15	8	2	8	5			5								
25	19	0014	34	32	27	22	01	80	3	15	8	1	8	5			6								
25	22	0022	34	30	20	26	04	81	1	01	8	1	8	5			5			19	21	376	0002	39	32
26	01	0008	37	34	29	32	10	80	7	03	1	7	8	5			6								
26	04	0002	37	36	33	31	12	80	8	02	2	3	6	5		6	7								
26	07	0004	41	38	34	29	16	81	8	15	8	4	2	5		2	6		6						
26	10	0004	42	39	35	30	19	81	8	03	8	6	2	5		7	6		5						
26	13	0008	43	40	35	29	15	81	8	15	8	5	2	5		7	6		5						
26	16	0018	40	38	35	29	15	81	8	25	8	4	2	5		7	6		5						
26	19	0026	39	38	35	29	13	81	8	02	8	1	2	5	7	7	6	6	5						
26	22	0038	38	37	35	27	08	81	7	25	8	5	8	4	7	7	6	6	5	29	35	242	0002	44	35
27	01	0035	39	38	37	31	19	81	7	25	8	3	8	4			6								
27	04	0037	39	39	38	31	07	81	8	02	8	6	2	4			6								
27	07	0037	42	40	39	33	08	81	8	02	8	2	1	4			7								
27	10	0026	45	43	40	34	15	82	8	01	8	2	1	5			7	7							
27	13	0011	44	43	41	35	11	82	8	03	8	2	1	5			7	7							
27	16	9997	42	41	40	34	11	82	8	06	8	2	2	5			7	7							
27	19	9989	41	41	40	33	04	82	7	05	8	2	2	5			7	7							
27	22	9995	42	41	40	27	09	32	8	05	8	2	6	5			6			24	35	388	0006	46	37

Results of Surface Observations,
MACQUARIE – Nov., 1957

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	0017	38	36	32	27	17	81	4	01	8	4	5	3			6								
28	04	0030	40	39	38	29	11	48	8	20	2	3	6	3	2		7								
28	07	0041	42	38	32	27	17	64	7	15	5	7	5	5			6								
28	10	0051	43	40	34	28	17	64	7	02	2	4	8	6	3	6	6	6	5						
28	13	0055	44	41	37	31	10	60	5	03	2	1	8	3	4		6	7							
28	16	0053	42	41	39	32	11	64	7	02	2	1	1	3	2		7	6							
28	19	0045	41	41	41	34	10	64	8	02	2	1	6	5	2		8	7							
28	22	0033	41	40	39	35	14	64	7	02	2	1	6	3	2		8	8		27	35	382	0005	46	37
29	01	0008	42	40	38	35	18	80	6	02	1	2	5	6	1		8								
29	04	9979	42	41	40	36	20	20	8	61	2	5	7	3	2		8								
29	07	9960	42	42	42	36	19	05	8	61	6	8	7	2	2		8								
29	10	9947	42	42	42	35	15	02	8	58	6	8	6	0	2		8								
29	13	9932	43	43	43	36	13	01	8	45	5	8	6	0			8								
29	16	9925	42	41	40	34	11	02	8	61	6	8	7	0	2		7								
29	19	9915	43	43	43	01	15	08	8	61	6	6	7	0	2		8								
29	22	9896	44	43	42	36	15	24	8	21	6	8	6	2	2		8			36	42	438	0014	44	41
30	01	9870	42	42	41	35	15	24	8	21	6	8	6	2	2		8								
30	04	9874	41	41	41	33	13	01	8	45	4	8	6	0			8								
30	07	9912	40	39	39	28	20	24	8	02	4	8	6	2			6								
30	10	9934	43	40	34	27	19	81	7	03	2	1	1	5	2	6	6		8						
30	13	9952	43	40	35	27	13	81	7	02	2	7	8	6		8	6		8						
30	16	9965	44	40	35	27	12	81	7	01	2	1	8	5		2	6		7						
30	19	9981	41	39	36	29	08	81	6	03	1	2	1	5		2	6		8						
30	22	9986	40	39	37	30	09	81	2	02	0	1	8	5		8	6		7	27	30	489	0016	46	40

Results of Surface Observations,
MACQUARIE – Dec., 1957

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	9960	40	38	35	30	13	01	4	02	1	4	8	8	0	8									
01	04	0006	38	36	33	27	14	01	7	15	2	7	8	7	0	3									
01	07	0022	42	38	31	27	14	01	3	15	2	7	8	7											
01	10	0053	42	37	29	27	18	01	6	15	1	6	8	7											
01	13	0046	42	38	31	27	17	01	7	02	2	7	8	7											
01	16	0061	41	37	31	27	15	01	7	15	2	7	8	7											
01	19	0081	39	35	29	27	10	01	7	05	1	7	8	7											
01	22	0097	36	36	30	27	07	01	6	02	2	6	8	5						27	31	372	0000	43	37
02	01	0105	39	35	27	27	08	01	8	02	2	8	8	5											
02	04	0119	39	35	27	27	04	01	7	02	2	7	8	7											
02	07	0126	42	38	31	11	01	01	6	02	2	7	8	7											
02	10	0136	42	37	27	31	05	01	7	02	2	7	8	5											
02	13	0136	44	39	30	32	04	01	7	02	2	7	8	5											
02	16	0138	43	38	30	33	03	01	7	02	2	7	8	5											
02	19	0145	41	38	32	01	02	01	8	02	2	8	8	5											
02	22	0145	41	37	30	36	01	01	8	02	2	8	8	5						27	19	295	0000	44	38
03	01	0144	40	36	29	01	02	01	7	02	2	7	8	5											
03	04	0141	40	36	31	10	09	01	5	01	2	5	8	7	0	6									
03	07	0143	41	37	29	10	16	01	7	03	1	5	8	7	0	6									
03	10	0132	41	37	30	11	17	01	7	02	2	7	8	7											
03	13	0118	41	37	31	11	19	01	7	02	2	7	8	7											
03	16	0107	41	38	32	12	25	01	7	02	2	7	8	6											
03	19	0089	41	39	36	13	25	01	8	02	2	8	8	5	0	7									
03	22	0096	41	39	36	12	27	01	7	05	2	7	8	5						13	33	201	0000	41	40
04	01	0059	40	38	35	12	27	01	7	05	2	7	8	5											
04	04	0043	40	39	38	12	23	01	8	05	2	6	8	4	2										
04	07	0030	42	40	37	13	23	01	8	05	2	5	8	4	2	7									
04	10	0015	42	39	36	13	19	01	8	05	2	5	8	4											
04	13	9991	42	40	37	14	15	01	8	05	2	5	8	3											
04	16	9973	42	40	38	14	12	01	8	02	2	7	8	3											
04	19	9956	41	40	39	14	13	01	8	05	2	8	8	3	0	7									
04	22	9944	41	41	40	16	06	01	8	51	5	8	8	1						13	35	88	0000	45	40
05	01	9930	41	41	40	16	05	01	8	51	5	8	6	1											
05	04	9926	41	41	40	16	06	01	8	51	5	8	6	1											
05	07	9933	41	41	40	15	05	01	8	11	5	8	6	1											
05	10	9937	41	41	41	16	03	01	8	60	5	8	6	1	2										
05	13	9945	43	41	38	19	11	01	8	51	5	6	6	2	2										
05	16	9959	41	40	39	20	10	01	7	53	5	6	6	3											
05	19	9975	40	37	32	25	06	01	6	25	3	6	8	4											
05	22	9986	39	35	28	24	09	01	2	01	1	2	8	4						25	26	226	0007	44	38
06	01	9989	39	37	34	27	11	01	5	02	2	4	1	4	0	6									
06	04	9994	39	38	36	29	03	01	8	15	2	7	8	4	0	7									
06	07	9987	42	40	36	31	06	01	7	02	2	7	8	4	3	6									
06	10	9988	42	40	38	31	07	01	8	61	2	7	8	6	2	8									
06	13	9973	42	41	40	34	11	01	8	61	6	3	8	7	2										
06	16	9950	42	42	42	34	16	02	8	51	6	8	8	7	0										
06	19	9938	42	42	42	33	13	00	8	61	6	8	8	7	0	2									
06	22	9923	42	42	42	33	17	00	8	45	6	8	8	6	0					27	26	251	0008	43	39
07	01	9896	43	43	43	34	18	00	8	45	4	8	8	6											
07	04	9861	43	43	43	35	16	01	8	63	6	8	7	7	1	2									
07	07	9842	43	43	43	33	18	02	8	63	6	6	7	6	2	2									
07	10	9822	43	43	43	34	17	02	8	51	6	6	8	6	2										
07	13	9822	44	43	42	31	15	03	3	02	5	1	8	6	3										
07	16	9819	45	43	41	32	15	32	3	05	1	2	7	6	3										
07	19	9819	43	41	40	32	16	40	7	21	2	6	7	6	3	2									
07	22	9825	42	41	41	30	19	05	8	51	6	7	8	6	3	2				27	32	461	0025	45	41
08	01	9853	40	38	36	27	19	40	7	20	5	3	8	6	3										
08	04	9875	40	38	33	27	16	64	7	15	6	7	8	6	4										
08	07	9900	40	36	31	27	20	64	8	50	5	8	8	4	4										
08	10	9918	42	38	30	27	18	64	7	02	5	7	8	4	5										
08	13	9937	43	39	33	28	16	64	7	02	2	7	8	3	5										
08	16	9952	39	37	35	27	20	40	7	25	2	7	8	3	5										
08	19	9970	41	38	33	28	16	64	6	02	2	6	8	3	5										
08	22	9982	41	39	36	29	17	80	3	02	2	3	8	3	5					27	41	521	0003	44	37
09	01	9981	42	41	40	32	16	10	8	51	5	8	6	1											
09	04	9974	42	42	42	33	15	00	8	51	5	8	6	1	0										
09	07	9963	44	43	43	32	19	10	8	28	8	8	6	1	1										
09	10	9948	44	43	42	33	24	06	8	10	6	6	6	2	2	2									
09	13	9916	43	43	42	33	26	03	8	58	6	6	7	6	2	2									
09	16	9913	45	43	39	31	25	24	7	05	6	6	7	6	4										
09	19	9931	44	41	37	30	28	24	7	05	2	7	8	6	4										
09	22	9944	43	41	37	30	27	24	6	05	8	6	8	4	4					29	43	507	0004	46	41

Results of Surface Observations,
MACQUARIE – Dec., 1957

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	9652	41	40	38	30	16	24	7	05	1	3	8	4	0	6									
10	04	9652	41	41	40	32	15	10	6	05	2	2	6	3	0	2									
10	07	9650	43	42	41	33	15	10	7	05	2	1	6	3	3	6									
10	10	9653	44	43	42	34	12	24	8	05	2	2	6	3	3	1									
10	13	9920	45	42	41	33	07	24	8	61	2	2	6	7	2										
10	16	9940	42	41	39	36	06	40	7	02	6	1	5	6	3										
10	19	9867	41	39	35	36	02	80	1	01	1	3	6	7	0	3									
10	22	9874	39	38	37	00	00	80	5	03	C	3	6	6	5										
11	01	9853	41	39	38	36	05	80	7	02	1	7	6	6	2					29	27	632	0000	45	38
11	04	9832	41	40	39	03	07	81	8	02	2	8	6	6	2										
11	07	9814	42	41	40	00	00	81	7	40	2	8	6	6	2	2	1								
11	10	9794	40	39	38	09	04	04	8	45	2	8	6	6	2										
11	13	9761	42	41	40	11	09	04	8	02	4	8	6	6	2										
11	16	9751	42	41	40	14	12	04	8	28	6	8	6	6	1										
11	19	9703	41	41	41	17	14	24	8	61	6	8	6	6	2	2				15	21	201	0003	43	39
11	22	9791	41	40	40	17	17	04	8	51	6	8	6	6	2										
12	01	9676	41	41	41	18	15	03	8	58	6	8	7	6	2	2									
12	04	9669	42	41	41	18	16	18	7	50	6	7	6	6	3	2									
12	07	9668	43	41	38	20	07	32	7	50	6	7	6	6	3	2									
12	10	9671	45	44	43	24	15	05	7	51	5	7	6	6	2										
12	13	9672	41	40	39	24	17	05	8	53	5	8	6	6	2										
12	16	9685	40	39	39	24	16	14	8	61	5	8	6	7	3										
12	19	9697	40	39	38	26	15	24	8	61	6	8	7	6	3										
12	22	9711	39	38	36	28	24	24	8	51	6	8	6	5	3										
13	01	9716	38	36	33	27	26	32	8	60	6	8	7	4	2	2									
13	04	9725	39	36	30	28	27	64	8	02	6	7	5	4	2	2									
13	07	9738	40	37	33	29	23	64	7	16	6	5	3	4	3	2	1								
13	10	9742	41	37	31	30	23	80	5	01	6	5	3	4	3	0	1								
13	13	9751	41	38	34	30	26	48	5	01	6	5	3	5	3	0	8								
13	16	9758	41	39	34	32	19	48	5	15	6	5	3	5	3										
13	19	9765	38	37	35	32	18	80	5	26	6	5	3	5	3										
13	22	9775	40	38	36	33	23	81	5	15	6	5	3	5	3					27	44	595	0058	43	37
14	01	9783	39	38	36	34	22	81	6	25	6	5	3	5	3										
14	04	9795	40	38	37	35	17	81	6	15	6	5	3	5	3										
14	07	9806	41	39	37	36	18	81	5	25	6	5	3	5	3	0	5								
14	10	9816	44	41	37	36	16	81	5	27	6	5	3	5	3	0	5								
14	13	9821	45	42	38	02	04	81	6	03	6	5	3	5	3	0	5								
14	16	9827	43	40	36	06	11	80	7	15	6	5	3	5	4	0	6								
14	19	9834	41	40	37	10	13	48	8	15	6	5	3	5	4	0	6								
14	22	9840	42	40	38	10	14	24	8	61	6	6	3	6	4	2	2			36	34	622	0003	46	39
15	01	9834	42	41	40	11	13	04	8	51	6	8	3	6	2	2									
15	04	9838	42	42	41	04	02	40	8	60	6	5	3	7	2	2	2								
15	07	9846	43	42	41	00	00	48	8	50	5	5	3	6	2	2	2								
15	10	9849	43	42	41	11	01	48	8	21	6	6	3	7	2	2	3								
15	13	9848	43	43	42	36	01	48	7	21	6	6	3	7	2	3									
15	16	9847	45	43	41	34	01	81	6	15	6	6	3	7	3										
15	19	9857	43	42	41	33	02	81	7	02	2	7	3	6	3										
15	22	9864	43	42	41	31	02	81	7	02	2	7	3	6	3					11	21	308	0013	46	41
16	01	9866	43	41	38	29	04	81	7	02	2	7	3	6	3										
16	04	9877	41	41	40	27	08	81	7	15	2	6	3	6	3										
16	07	9888	42	41	40	28	14	81	6	50	2	6	3	6	3	0	5								
16	10	9898	44	41	38	30	13	81	7	15	2	6	3	6	4	0	5								
16	13	9906	44	42	38	31	10	81	7	02	2	6	3	6	4										
16	16	9912	44	42	39	32	10	81	7	15	2	7	3	6	4	0	6								
16	19	9928	43	42	41	32	02	81	7	14	2	7	3	6	4										
16	22	9962	43	42	41	34	01	81	8	02	2	7	3	6	4					29	20	197	0006	46	41
17	01	9960	43	42	40	16	02	82	7	02	2	7	3	6	3										
17	04	9981	43	41	39	16	03	82	6	15	2	5	3	6	3										
17	07	9999	43	42	41	17	10	82	6	51	2	5	3	6	3	0	1								
17	10	0019	43	42	41	16	18	74	7	50	2	5	3	6	3										
17	13	0035	44	42	40	17	21	44	8	02	2	6	3	6	3										
17	16	0050	43	42	40	17	22	32	7	05	2	6	3	6	3										
17	19	0065	42	40	39	18	23	24	7	05	2	7	3	6	3	0	4								
17	22	0073	41	40	38	17	19	24	8	05	2	8	3	6	3	0	4			15	30	206	0002	44	41
18	01	0080	41	39	37	17	18	24	8	05	2	8	3	6	4										
18	04	0087	41	39	36	18	18	24	8	05	2	8	3	6	4										
18	07	0092	40	37	33	18	14	48	7	05	2	8	3	6	5										
18	10	0090	39	37	33	17	13	64	8	05	2	8	3	6	5										
18	13	0090	41	39	35	20	05	80	8	05	2	8	3	6	4										
18	16	0087	41	38	33	18	13	81	8	20	2	8	3	6	4										
18	19	0084	40	37	32	18	10	81	8	02	2	8	3	6	4										
18	22	0095	38	35	30	20	05	81	8	02	2	8	3	6	4					18	24	565	0000	42	36

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	0092	37	35	31	21	02	81	7	02	2	7	8	5											
19	04	0084	36	35	31	28	02	81	6	25	9	6	8	4	0	1									
19	07	0080	38	36	33	27	05	81	8	50	8	8	5	5											
19	10	0066	42	40	36	28	10	81	8	02	2	8	5	3											
19	13	0050	43	41	39	32	13	80	8	50	6	5	7	3	2										
19	16	0031	43	43	43	31	13	10	8	51	5	8	8	1											
19	19	0021	41	40	38	27	13	81	8	05	5	8	8	4	3										
19	22	0012	42	40	38	29	11	81	8	50	5	8	8	4						31	24	168	0001	44	35
20	01	9992	42	41	40	31	11	80	8	05	5	8	8	2											
20	04	9978	41	40	38	26	09	81	8	02	8	6	2	4	3										
20	07	9976	42	41	40	26	04	81	8	15	5	8	2	2											
20	10	9964	45	42	39	33	04	50	7	05	2	7	8	5	0	7									
20	13	9956	46	43	40	32	05	81	8	03	2	7	8	3	0	6									
20	16	9945	45	43	40	32	04	81	6	21	2	6	8	3	3	1									
20	19	9941	43	41	39	32	02	81	7	02	2	4	8	3	3										
20	22	9938	41	40	39	00	00	81	3	01	1	2	6	5	5					31	21	425	0001	46	40
21	01	9952	40	39	39	00	00	81	2	02	0	1	6	5	3										
21	04	9920	41	40	39	17	04	81	6	03	1	6	6	5											
21	07	9918	43	41	38	14	10	81	7	02	2	7	8	3											
21	10	9918	44	42	39	13	07	81	8	02	2	7	8	3											
21	13	9905	44	43	40	13	09	81	8	02	2	7	8	3											
21	16	9897	43	42	41	15	11	81	8	05	2	7	8	2											
21	19	9896	43	43	43	15	02	01	8	47	5	8	8	0											
21	22	9896	44	44	43	03	03	80	8	28	4	8	8	2						03	17	174	0000	45	34
22	01	9877	43	42	41	28	13	80	8	61	6	8	7	4	2										
22	04	9885	41	40	39	26	17	80	8	61	6	8	7	4	2										
22	07	9902	42	40	36	29	18	81	8	01	6	7	2	4	3	2									
22	10	9890	44	41	37	31	18	80	7	25	2	6	8	4	3										
22	13	9886	45	42	38	30	11	48	7	15	2	7	8	4	3										
22	16	9920	45	42	37	21	07	48	7	15	2	6	8	4	3	2									
22	19	9955	43	42	40	29	08	40	8	50	2	8	7	2											
22	22	9995	42	41	40	28	17	40	8	51	5	8	7	2						27	35	292	0022	47	41
23	01	0010	41	40	39	27	16	40	8	51	5	8	7	2											
23	04	0017	40	39	37	29	20	64	8	03	5	6	8	4											
23	07	0018	41	38	33	30	13	40	8	02	2	8	8	4											
23	10	9990	43	41	37	33	15	64	8	02	2	8	8	4											
23	13	9965	42	40	38	36	12	56	8	60	2	2	7	4	2										
23	16	9893	43	42	42	09	06	40	8	61	6	4	7	3	2										
23	19	9823	44	44	44	32	03	24	8	61	6	7	7	3	2										
23	22	9778	45	45	45	34	05	00	8	28	6	7	7	2						09	33	454	0003	46	39
24	10	9854	44	43	43	27	28	40	8	61	6	4	7	3	2										
24	13	9888	46	44	44	28	16	80	8	50	6	8	5	4											
24	16	9898	43	43	42	27	14	81	8	20	5	8	5	4											
24	19	9905	43	41	40	19	04	80	8	02	2	8	8	3	7										
24	22	9902	42	41	41	34	01	16	8	50	2	8	5	2						27	44	457	0072	47	41
25	10	9876	45	44	44	29	05	80	8	02	2	8	5	3											
25	13	9876	45	45	45	31	04	08	7	46	2	7	6	0											
25	16	9878	45	44	43	18	07	40	8	60	6	3	7	2	2										
25	19	9885	43	42	41	25	02	80	7	02	2	7	8	4											
25	22	9900	43	41	38	29	07	81	8	05	2	8	5	3						31	22	291	0012	45	43
26	10	9891	44	42	41	13	14	81	8	02	2	8	5	6											
26	13	9899	43	41	38	13	22	80	8	02	2	7	2	4											
26	16	9899	42	40	39	13	18	81	7	02	2	7	2	4	3										
26	19	9910	41	38	34	13	15	81	6	02	2	6	1	5	3										
26	22	9926	40	37	32	15	11	81	3	01	2	3	1	5						13	21	197	0006	45	34
27	10	9962	42	38	31	36	01	81	8	02	2	8	8	5											
27	13	9962	40	38	34	35	05	64	8	60	2	8	5	6											
27	16	99 5	41	40	38	13	04	64	8	61	6	2	7	3	2										
27	19	9947	42	42	42	36	05	80	8	25	6	8	2	3											
27	22	9957	42	41	40	27	16	81	7	02	8	5	2	5	3					27	32	162	0000	44	35
28	10	9978	42	41	40	09	05	81	8	02	2	8	5	7											
28	13	9961	42	41	40	06	05	81	8	25	2	8	8	4											
28	16	9936	41	41	41	12	12	03	8	60	6	5	7	2	2										
28	19	9918	43	43	43	04	04	06	8	50	6	8	8	2											
28	22	9910	44	44	43	09	05	06	8	02	5	8	8	2						09	25	272	0016	44	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
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	w	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St. miles	Points	°F	°F
29	10	9958	45	43	43	14	12	06	8	10	4	6	5	2											
29	13	9947	45	45	44	15	10	80	7	01	2	6	3	5											
29	16	9934	45	44	43	17	06	81	2	01	2	2	1	5											
29	19	9934	43	43	42	16	08	81	3	01	2	3	3	5											
29	22	9944	44	44	44	17	07	03	8	52	1	8	5	3						13	17	174	0010	46	42
30	10	9920	41	39	37	11	20	16	8	51	5	8	3	4											
30	13	9934	43	41	37	13	20	81	8	01	2	3	3	4											
30	16	9907	43	40	35	14	15	81	5	01	1	4	5	7	3										
30	19	9981	42	39	34	16	05	81	7	02	2	7	5	7											
30	22	9988	40	38	34	03	02	81	1	02	0	1	5	7						11	27	241	0039	44	40
31	10	9945	45	44	44	34	26	08	8	50	5	6	7	3											
31	13	9921	46	45	45	31	26	40	8	02	5	3	7	2											
31	16	9915	46	45	42	31	26	81	2	01	2	1	1	5	0	2									
31	19	9919	44	42	39	29	22	81	5	03	2	6	3	5											
31	22	9925	43	41	38	30	27	81	3	02	1	3	1	5						33	39	329	0004	47	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
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	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	0002	027	025	023	00	00	83	6	01	22	00	0	9	33	22		22	66						
01	05	9997	029	025	016	00	00	83	6	02	22	00	0	9	33	22		22	66						
01	08	9991	030	027	021	03	06	83	6	02	22	00	0	9	33	21		22	66						
01	11	9988	032	028	021	06	05	83	5	01	22	00	0	9	31	16		22	66						
01	14	9979	033	028	021	06	02	83	6	03	11	00	0	9	10	08			66						
01	17	9969	033	029	022	00	00	83	4	01	11	16	5	6	00	88	22		66						
01	20	9955	031	029	024	00	00	83	7	03	12	61	5	6	30	22	22	3							
01	23	9947	032	028	019	12	12	83	8	02	12	1	5	6	0	2	2		6	07	19	152	0000	036	026
02	02	9933	031	026	016	13	17	83	8	02	22	00	0	9	33	22		33	66						
02	05	9919	031	026	016	12	22	83	6	01	22	00	0	9	99	21		33	55						
02	08	9912	033	027	016	12	25	83	5	02	22	00	0	9	99	11		33	55						
02	11	9912	038	031	018	11	16	83	3	01	11	00	0	9	93	12		33	55						
02	14	9904	040	033	019	11	09	83	6	03	12	00	0	9	60	88			55						
02	17	9902	037	031	021	00	00	83	7	02	22	00	0	9	00	88			55						
02	20	9904	035	030	023	08	04	83	5	02	22	01	5	7	00	88	33		55						
02	23	9914	029	025	017	13	14	83	4	02	22	1	5	7	0	8	3		5	13	35	403	0000	041	029
03	02	9919	027	023	013	13	24	83	3	02	11	12	5	7	00	84	35		55						
03	05	9922	026	023	013	13	23	83	3	02	11	25	5	8	01	94	33		55						
03	08	9922	030	025	016	13	17	83	7	03	11	25	5	8	01		33								
03	11	9921	033	027	017	12	22	83	7	02	22	17	5	8			33								
03	14	9927	034	028	018	12	11	83	8	02	22	18	5	8			33								
03	17	9925	035	029	018	11	14	83	8	02	22	18	5	8			33								
03	20	9926	034	029	020	12	09	83	8	02	22	86	5	8			33								
03	23	9923	032	027	018	09	05	83	8	02	22	0	0	9	5			3		12	51	471	0000	035	025
04	02	9917	031	026	018	14	13	83	8	02	22	0	0	9	37			33							
04	05	9916	032	027	017	13	12	83	8	02	22	35	5	8	77		33	22							
04	08	9906	033	029	021	13	13	83	8	02	22	62	5	8	77		33	22							
04	11	9899	036	030	021	12	12	83	7	02	22	32	5	8	77		33	22							
04	14	9894	036	031	021	05	02	83	7	02	22	04	5	9	77			22							
04	17	9889	037	031	022	00	00	83	7	02	22	40	5	8	77		33	22							
04	20	9883	035	030	022	19	01	83	3	01	22	00	0	9	33	00		22							
04	23	9875	032	028	019	14	16	83	6	03	11	00	0	9	30	00		22		13	25	285	0000	037	030
05	02	9878	033	028	019	13	17	83	3	01	21	00	0	9	33	00		22							
05	05	9879	032	027	015	12	21	83	1	02	22	00	0	9	00	00		22							
05	08	9878	036	029	017	12	25	83	0	02	22	00	0	9	00	00									
05	11	9882	040	033	022	11	20	83	0	02	22	00	0	9	00	00									
05	14	9881	042	035	025	11	25	83	1	03	22	17	5	7	00	00	33								
05	17	9885	041	035	026	11	21	83	7	03	12	76	5	7	6		33								
05	20	9891	039	033	024	11	30	81	8	15	22	66	5	6	1		22	22							
05	23	9905	038	033	024	12	26	83	8	02	22	8	5	8			2			10	42	1598	0000	043	029
06	02	9919	037	032	023	12	23	83	8	02	22	8	5	8			22								
06	05	9924	040	033	022	13	25	83	8	02	22	8	5	8			22								
06	08	9921	040	033	020	14	25	83	8	02	22	8	5	8			22								
06	11	9918	041	034	022	12	26	83	7	02	22	7	5	8			22								
06	14	9920	042	035	025	11	20	83	7	02	22	7	5	8			22								
06	17	9917	042	034	025	11	25	83	1	01	22	1	5	9	00	00	22								
06	20	9913	039	033	024	12	25	83	0	02	22	0	0	9	00	00									
06	23	9917	040	032	020	13	29	83	0	02	22	0	0	9	00	00				13	46	667	0000	043	037
07	02	9917	035	029	018	12	35	83	2	02	22	0	0	9	00	00									
07	05	9918	036	029	015	13	30	83	2	03	22	2	5	8	00	00	22								
07	08	9912	040	032	018	13	22	83	5	02	22	5	5	8	00	00	22								
07	11	9895	042	033	019	13	23	83	1	01	22	1	5	8	00	00	22								
07	14	9887	043	034	021	13	22	83	0	01	22	1	5	8	00	00									
07	17	9879	042	035	023	12	11	83	0	02	22	0	0	9	00	00									
07	20	9878	039	033	024	06	03	83	0	02	22	0	0	9	00	00									
07	23	9861	038	031	019	14	25	83	0	02	22	0	0	9	00	00				12	47	621	0000	043	033
08	02	9872	035	029	017	13	28	83	0	02	22	0	0	9	00	00									
08	05	9873	034	027	014	14	24	83	0	02	22	0	0	9	00	00									
08	08	9875	035	029	015	13	23	83	0	02	22	0	0	9	00	00									
08	11	9875	039	032	020	13	21	83	0	02	22	0	0	9	00	00									
08	14	9885	040	033	022	13	17	83	0	02	22	0	0	9	00	00									
08	17	9895	040	033	023	13	15	83	2	03	22	8	5	8	00	00	33								
08	20	9910	039	033	022	11	13	83	8	02	22	8	5	8			33								
08	23	9921	037	031	022	12	19	83	8	02	22	6	5	6			2			14	38	1556	0000	041	033
09	02	9937	036	031	020	13	18	83	8	02	22	8	5	8			33								
09	05	9955	036	030	019	13	21	83	7	02	22	7	5	8			33								
09	08	9964	036	030	020	13	21	83	8	02	22	8	5	8			22								
09	11	9971	039	032	022	13	20	83	8	02	22	8	5	7			22								
09	14	9979	040	033	023	14	15	83	8	02	22	4	5	7	1		22	33							
09	17	9983	040	033	025	13	16	83	8	02	22	2	5	7	2		22	33							
09	20	9989	039	033	025	13	16	83	7	01	22	5	5	7	3		22	33							
09	23	9996	038	032	024	13	12	83	7	02	22	3	5	7	3		22	3		12	35	1536	0000	040	035

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	9999	037	031	023	13	12	83	7	02	2	3	5	7	3		2	4							
10	05	9995	035	029	022	13	17	83	7	02	2	4	5	7	3		3	5							
10	08	9994	036	030	020	13	22	83	7	02	2	4	5	7	3		3	5							
10	11	9984	039	032	022	13	15	83	6	01	2	3	5	7	3		3	5							
10	14	9990	037	033	027	00	00	83	2	02	2	1	5	9	3	0	8	5							
10	17	9981	037	033	027	00	00	83	0	02	2	0	0	9	0	0									
10	20	9979	038	033	027	19	02	83	0	02	2	0	0	9	0	0									
10	23	9972	033	031	028	24	03	83	0	02	2	0	0	9	0	0				13	28	316	0000	040	033
11	02	9972	027	027	026	29	02	84	0	46	4	0	0	9	0	0									
11	05	9974	027	025	023	00	00	81	0	41	4	0	0	9	0	0									
11	08	9963	037	031	019	14	21	83	5	02	2	6	5	8	0	0	2								
11	11	9963	040	033	020	13	25	83	6	02	2	7	5	8	0	0	2								
11	14	9971	039	033	023	00	00	83	7	02	2	7	5	8	0	0	2								
11	17	9977	039	033	022	00	00	83	8	02	2	8	5	8	0	0	3								
11	20	9973	036	032	025	07	02	83	7	02	2	7	5	8	0	0	4								
11	23	9976	035	032	027	00	00	83	7	02	2	7	5	8	0	0	4			13	31	168	0000	041	025
12	02	9979	031	026	015	14	20	83	3	01	2	3	5	8	0	0	2								
12	05	9975	031	025	013	14	20	83	0	02	2	0	0	9	0	0									
12	08	9972	032	027	015	13	21	83	0	02	2	0	0	9	0	0									
12	11	9959	038	032	021	12	13	83	0	02	2	0	0	9	0	0									
12	14	9956	037	031	023	23	04	83	0	02	2	0	0	9	0	0									
12	17	9949	038	032	023	25	04	83	0	02	2	0	0	9	0	0									
12	20	9935	040	033	024	19	05	83	0	02	2	0	0	9	0	0									
12	23	9924	035	030	021	13	20	83	2	03	2	0	0	9	5	0		2		13	32	312	0000	040	024
13	02	9922	035	029	021	12	16	83	7	03	1	0	0	9	7			2							
13	05	9918	035	029	021	13	16	83	8	02	2	2	6	9	1		2	2							
13	08	9901	036	030	021	13	20	81	8	15	2	4	7	9	2		2	2							
13	11	9890	038	032	023	11	19	82	8	15	2	4	7	9	2		2	2							
13	14	9884	038	032	023	11	19	81	8	15	2	3	7	9	2		2	2							
13	17	9881	039	033	024	11	13	83	8	02	2	2	5	7	1		2	2							
13	20	9876	036	031	023	12	15	83	7	01	2	0	0	9	1	0		2							
13	23	9878	034	029	021	12	16	83	7	02	2	0	0	9	7			2		15	32	424	0000	039	034
14	02	9878	033	029	020	12	16	83	6	02	2	0	0	9	3	0		2							
14	05	9880	033	028	019	11	16	83	7	02	2	0	0	9	3			2							
14	08	9880	035	029	020	11	17	83	6	02	2	0	0	9	3	0		2							
14	11	9872	038	032	021	09	13	83	2	02	2	0	0	9	3	0		2							
14	14	9872	038	033	024	07	06	83	5	03	1	0	0	9	3	0		2							
14	17	9877	037	032	025	06	03	83	2	02	1	1	5	7	3	0	2	2							
14	20	9878	039	033	024	00	00	83	0	02	1	0	0	9	0	0									
14	23	9886	032	028	020	12	04	83	1	02	1	0	0	9	3	0		2		11	26	297	0000	042	032
15	02	9893	030	025	018	13	09	83	0	01	1	0	0	9	0	0									
15	05	9894	031	026	017	11	17	83	0	02	0	0	0	9	0	0									
15	08	9895	035	029	018	12	18	83	1	03	0	1	5	7	0	0	2								
15	11	9906	039	032	021	11	16	83	1	02	1	1	5	7	0	0	2								
15	14	9906	038	032	024	00	00	83	0	01	1	0	0	9	0	0									
15	17	9908	041	034	023	00	00	83	0	02	0	0	0	9	0	0									
15	20	9905	039	032	022	00	00	83	0	02	0	0	0	9	0	0									
15	23	9900	032	028	020	13	19	83	0	02	0	0	0	9	0	0				12	31	295	0000	041	024
16	02	9906	028	024	015	12	22	83	0	02	0	0	0	9	0	0									
16	05	9907	027	023	014	13	23	83	0	02	0	0	0	9	0	0									
16	08	9903	032	027	014	13	18	83	0	02	0	0	0	9	0	0									
16	11	9888	036	030	021	08	02	83	0	02	0	0	0	9	0	0									
16	14	9880	035	031	023	06	04	83	0	02	0	0	0	9	0	0									
16	17	9870	038	031	021	00	00	83	0	02	0	0	0	9	0	0									
16	20	9858	037	031	021	11	03	83	0	02	0	0	0	9	0	0									
16	23	9849	029	025	016	11	16	83	0	02	0	0	0	9	0	0				13	31	335	0000	039	027
17	02	9851	026	022	012	12	20	83	2	03	0	2	5	7	0	0	2								
17	05	9849	027	023	012	13	22	83	4	02	2	4	5	7	0	0	2								
17	08	9826	030	025	015	12	26	83	2	02	2	0	0	9	3	0	2								
17	11	9818	035	029	018	11	29	83	2	02	2	1	5	7	3	0	2	2							
17	14	9819	036	030	020	12	23	83	7	03	2	1	5	7	3		2	2							
17	17	9816	035	029	020	12	25	83	7	02	2	2	5	7			2								
17	20	9807	034	028	018	12	26	83	7	02	2	2	5	7	3		2	2							
17	23	9793	032	028	022	12	30	48	8	71	7	8	5	7			2			12	51	648	0000	037	025
18	02	9793	033	029	021	12	31	81	8	70	7	8	5	7			2								
18	05	9798	034	029	021	12	31	83	8	02	2	3	5	7	1		2	2							
18	08	9817	035	030	023	12	28	83	8	02	2	1	5	7	1		2	2							
18	11	9828	037	032	024	11	21	83	8	02	2	1	5	7	1		2	2							
18	14	9833	039	033	022	11	26	83	8	02	2	2	5	7	1		2	2							
18	17	9840	039	033	022	11	17	83	7	01	2	2	5	7	1		2	2							
18	20	9845	036	031	023	08	03	83	6	01	2	2	5	7	3		2	2							
18	23	9844	034	028	018	15	17	83	6	02	2	1	5	7	3	8	2	2		12	48	609	0000	040	032

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St. miles	Points	°F	°F
19	02	9852	034	028	016	31	15	83	7	02	2	0	0	9	3	8		3							
19	05	9864	030	025	013	00	00	83	4	01	2	0	0	9	3	8		3	4						
19	08	9865	033	027	014	13	14	83	1	02	2	0	0	9	3	1			4						
19	11	9862	037	027	017	13	11	83	1	02	2	0	0	9	3	0		3							
19	14	9867	037	031	018	10	09	83	1	02	2	0	0	9	3	1			4						
19	17	9874	037	030	018	11	09	83	0	02	2	0	0	9	3	0									
19	20	9884	034	029	019	09	05	83	0	02	2	0	0	9	3	0									
19	23	9888	030	025	015	13	19	83	0	02	2	0	0	9	3	0				15	39	291	0000	035	024
20	02	9891	029	025	017	13	15	83	4	03	0	4	5	7	0	0	4								
20	05	9898	029	025	016	14	11	83	0	02	1	2	5	7	0	0	5								
20	08	9909	027	022	012	15	24	83	0	01	1	0	0	9	0	0									
20	11	9904	033	027	016	13	15	83	0	02	0	0	0	9	0	0									
20	14	9917	036	029	015	10	03	83	0	02	0	0	0	9	0	0									
20	17	9919	035	029	018	24	03	83	0	02	0	0	0	9	0	0									
20	20	9924	034	028	018	24	01	83	0	02	0	0	0	9	0	0									
20	23	9926	030	025	014	00	00	83	0	02	0	0	0	9	0	0				15	33	275	0000	037	025
21	02	9932	027	023	014	17	05	83	0	02	0	0	0	9	0	0									
21	05	9939	022	019	009	16	23	83	2	03	0	0	0	9	3	0		5							
21	08	9936	025	021	011	16	23	83	6	03	1	0	0	9	3	0		5							
21	11	9935	032	027	016	13	08	83	0	01	2	0	0	9	0	0									
21	14	9939	032	026	016	28	04	83	0	02	0	0	0	9	0	0									
21	17	9940	032	027	015	25	03	83	0	02	0	0	0	9	0	0									
21	20	9942	032	028	022	24	02	83	0	02	0	0	0	9	0	0									
21	23	9942	030	027	022	00	00	83	0	02	0	0	0	9	0	0				15	35	252	0000	034	022
22	02	9945	025	021	013	16	08	83	0	02	0	0	0	9	0	0									
22	05	9937	022	019	011	16	22	83	2	03	0	0	0	9	0	1									
22	08	9935	029	024	014	14	10	83	3	02	1	0	0	9	0	1			6						
22	11	9930	034	028	017	10	06	83	1	01	1	0	0	9	0	1			6						
22	14	9923	033	028	018	27	01	83	1	02	1	0	0	9	3	0		6							
22	17	9914	035	029	019	00	00	83	1	02	2	0	0	9	0	2			6						
22	20	9908	034	029	021	10	01	83	2	03	2	0	0	9	1	2		5	6						
22	23	9900	028	024	013	13	25	83	5	03	1	0	0	9	7	2		5	6	15	36	268	0000	036	022
23	02	9896	025	021	009	14	31	83	7	03	1	0	0	9	7	8		6	7						
23	05	9899	024	020	006	13	31	83	8	03	1	0	0	9	3	7			7						
23	08	9901	027	022	010	14	23	83	8	02	2	0	0	9	1	8		8	8						
23	11	9911	032	026	014	11	21	83	7	01	2	0	0	9	1	8		8	8						
23	14	9922	034	028	017	05	04	83	7	02	2	0	0	9	3	1									
23	17	9933	032	027	016	00	00	83	7	02	2	0	0	9	3	1		7							
23	20	9943	031	027	018	00	00	83	8	02	2	0	0	9	3	1		7							
23	23	9949	031	027	019	00	00	83	8	02	2	0	0	9	1	1		7		13	41	394	0000	035	024
24	02	9950	031	026	019	00	00	83	8	02	2	0	0	9	1	1		6							
24	05	9956	029	025	018	00	00	83	4	01	2	0	0	9	1	1	0	5							
24	08	9938	029	024	013	13	15	83	1	02	1	0	0	9	3	0	0	5							
24	11	9925	032	027	016	12	12	83	1	02	1	1	1	9	3	0	5	6	1						
24	14	9906	034	028	018	10	19	83	7	03	1	1	5	9	3	0	5	6							
24	17	9872	031	026	018	08	20	81	8	05	1	2	5	8	7	0	2	2	2						
24	20	9800	029	024	013	11	48	81	8	15	2	2	5	7	0	2	2	2	2						
24	23	9774	026	022	012	11	51	81	8	15	2	4	5	7	2	2	2	2	2	12	65	468	0000	033	026
25	02	9736	024	022	016	12	52	81	8	70	2	5	5	5			2								
25	05	9715	023	022	022	12	48	00		39	3														
25	08	9704	023	023	022	13	49	00		39	3														
25	11	9708	024	023	022	12	50	00		39	3														
25	14	9717	026	025	024	12	44	00		39	3														
25	17	9736	027	026	025	12	40	00		39	3														
25	20	9749	027	025	023	12	37	04		38	3														
25	23	9768	028	025	021	12	37	08		38	3											195		028	022
26	02	9783	028	026	022	12	38	16		38	3														
26	05	9809	030	027	023	12	40	32		38	3														
26	08	9828	030	027	022	12	38	81	7	36	3	1	5				2								
26	11	9851	031	028	021	12	38	81	8	36	3	2	5				2								
26	14	9868	033	029	022	12	38	81	8	70	3	3	5	6			2								
26	17	9887	034	030	024	11	41	82	8	02	2	3	5	6			2								
26	20	9894	033	029	023	11	42	82	8	02	2	3	5	6			2								
26	23	9893	033	030	024	11	43	82	8	02	2	3	5	6			2					102	0036	034	028
27	02	9888	033	030	025	11	40	81	8	71	7	0	0	9	2										
27	05	9853	032	031	029	11	41	00	8	73	7	0	0	9	2										
27	08	9842	032	031	030	10	39	00	8	73	7	0	0	9	2										
27	11	9808	032	031	028	09	37	00	8	73	7	0	0	9	2										
27	14	9816	033	031	028	09	52	02	8	73	7	0	0	9	2										
27	17	9833	031	030	029	11	42	02	8	73	7	0	0	9	2										
27	20	9852	033	031	030	08	30	04	8	71	7	0	0	9	2										
27	23	9877	033	031	030	07	26	04	8	72	7	0	0	9	2							047	0015	034	031

Results of Surface Observations,
MAWSON – JAN., 1957

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	9902	033	031	030	07	22	08	8	72	7	0	0	9	2										
28	05	9924	032	031	028	08	17	24	8	72	7	0	0	9	2										
28	08	9944	032	031	028	07	18	16	8	73	7	0	0	9	2										
28	11	9957	034	031	028	07	17	40	8	70	7	3	6	4	2		2								
28	14	9967	035	032	029	07	13	40	8	70	7	4	5	6	2		2								
28	17	9971	033	032	029	04	09	40	8	16	7	5	5	6			2								
28	20	9970	034	031	028	04	02	48	8	05	2	5	5	6			2								
28	23	9968	032	030	027	10	02	32	7	40	2	6	5	6			2			08	31	318		035	032
29	02	9962	031	027	019	13	19	82	7	40	2	7	5	6			2								
29	05	9953	030	025	017	13	24	83	7	02	2	7	5	7			3								
29	08	9939	031	026	016	12	21	83	7	02	2	7	5	7			3								
29	11	9931	036	030	018	13	11	83	4	01	2	1	5	7	0	2	3								
29	14	9922	039	032	020	11	07	83	1	01	1	0	0	9	0	2									
29	17	9911	037	030	019	00	00	83	0	01	1	0	0	9	0	0									
29	20	9892	031	026	016	14	16	83	0	02	U	0	0	9	0	0									
29	23	9883	026	021	010	13	29	83	6	03	U	0	0	9	0	6			7	12	31	285	0000	039	026
30	02	9876	024	020	008	14	31	83	6	02	2	0	0	9	1	0		2							
30	05	9861	025	021	009	13	35	83	7	03	2	0	0	9	1			2							
30	08	9859	028	023	012	13	30	83	8	02	2	0	0	9	1			2							
30	11	9845	031	026	017	12	29	83	8	02	2	4	5	6	1		2	2							
30	14	9826	033	029	021	12	31	83	8	15	2	2	5	6	1		2	2							
30	17	9807	031	028	025	12	41	04	8	71	7	0	0	9	2			2							
30	20	9774	030	029	027	12	53	00		39	3														
30	23	9778	029	028	026	12	51	00		39	3											861	0000	033	024
31	02	9785	030	029	027	12	51	00		39	3														
31	05	9794	031	029	027	12	49	00		39	3														
31	08	9792	032	030	027	12	47	00		39	3														
31	11	9792	032	031	030	12	50	00		39	3														
31	14	9806	035	032	027	12	48	61	5	05	3	5	5	6	0	0	2								
31	17	9819	035	032	029	12	39	81	8	05	2	8	5	6			2								
31	20	9830	034	031	026	11	31	80	8	05	2	8	7	4			2								
31	23	9828	032	031	028	12	33	08	8	70	7	8	7	4			2					122		035	029

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	9826	032	031	030	12	39	00		39	3														
01	05	9818	033	031	027	12	36	16	8	36	3	8	6	6			2								
01	08	9809	035	032	028	12	34	80	8	02	3	8	6	6			2								
01	11	9797	038	033	026	11	30	81	8	02	2	8	5	6			2								
01	14	9795	038	033	026	12	37	83	8	02	2	5	5	6	1		2								
01	17	9808	037	031	024	12	29	83	8	02	2	3	5	6	1		2								
01	20	9819	036	031	021	12	29	83	8	02	2	4	5	6	1		2								
01	23	9830	035	031	023	11	17	83	8	02	2	3	5	6	1		2			12	56	828		038	031
02	02	9837	034	029	020	12	23	83	5	01	2	2	5	6	1		2								
02	05	9840	035	029	018	14	26	83	1	01	2	1	5	6	0	0	2								
02	08	9834	034	028	015	13	33	83	0	02	0	0	0	9	0	0									
02	11	9834	037	031	020	13	22	83	0	02	0	0	0	9	0	0									
02	14	9839	040	032	019	11	17	83	0	02	0	0	0	9	0	0									
02	17	9842	039	032	021	22	06	83	0	02	0	0	0	9	0	0									
02	20	9839	037	031	020	00	00	83	0	02	0	0	0	9	0	0									
02	23	9849	032	027	015	04	12	83	0	02	0	0	0	9	0	0				13	45	433	0000	040	031
03	02	9861	031	024	009	12	06	83	0	02	0	0	0	9	0	0									
03	05	9866	028	023	011	12	10	83	0	02	0	0	0	9	0	0									
03	08	9862	031	025	012	14	18	83	0	02	0	0	0	9	0	0									
03	11	9858	036	028	011	10	11	83	0	02	0	0	0	9	0	0									
03	14	9863	037	029	014	14	07	83	0	02	0	0	0	9	0	0									
03	17	9857	033	027	012	14	28	83	0	02	0	0	0	9	0	0									
03	20	9851	032	026	010	13	38	83	0	02	0	0	0	9	0	0									
03	23	9853	028	023	011	15	38	83	0	36	0	0	0	9	0	0				14	56	403	0000	036	028
04	02	9848	027	023	010	15	39	83	0	03	3	0	0	9	3	0									
04	05	9854	027	023	011	16	39	83	4	03	1	0	0	9	3	0		2							
04	08	9857	027	022	011	16	42	83	1	01	1	1	5	8	0	0	2								
04	11	9857	034	027	014	14	38	83	1	02	1	1	5	8	0	0	2								
04	14	9859	036	028	012	14	36	83	3	03	1	1	5	9	4	0	2	3							
04	17	9859	035	028	016	14	28	83	2	02	1	2	5	7	0	0	2								
04	20	9857	031	024	011	13	28	83	4	03	2	0	0	9	3	0		4							
04	23	9862	025	021	009	16	30	83	2	01	1	0	0	9	3	0		4		13	69	815	0000	037	025
05	02	9863	022	018	007	16	30	83	0	02	0	0	0	9	0	0									
05	05	9863	021	017	004	15	30	83	0	02	0	0	0	9	0	0									
05	08	9862	024	020	007	14	25	83	0	02	0	0	0	9	0	0									
05	11	9854	027	022	009	13	23	83	0	02	0	0	0	9	0	0									
05	14	9857	031	025	011	12	09	83	0	02	0	0	0	9	0	0									
05	17	9857	030	025	013	10	10	83	0	02	0	0	0	9	0	0									
05	20	9856	026	022	011	14	13	83	2	03	1	1	5	5	0	1	3		4						
05	23	9853	019	016	005	14	24	83	0	02	0	0	0	9	0	0				16	43	475	0000	032	019
06	02	9852	018	015	003	14	28	83	0	02	0	0	0	9	0	0									
06	05	9857	016	013	001	14	29	83	0	02	0	0	0	9	0	0									
06	08	9865	019	015	002	14	30	83	6	03	1	0	0	9	3	0		6							
06	11	9871	022	018	007	13	28	83	7	03	2	3	5	6	3		2	6							
06	14	9888	025	021	011	14	22	82	8	03	2	2	0	5	7	1		6							
06	17	9900	027	023	013	13	17	83	8	02	2	2	5	5	7	1	2	6							
06	20	9914	026	022	012	13	17	83	8	14	2	2	3	5	6	7	2	6							
06	23	9921	025	020	010	14	21	83	8	02	2	6	5	6	7		2	6		13	41	1585	0000	027	015
07	02	9928	020	017	008	16	20	83	8	02	2	8	5	6			2								
07	05	9929	018	015	005	15	22	83	6	01	2	6	5	7	0	0	3								
07	08	9922	020	016	003	14	26	83	0	02	1	0	0	9	0	0									
07	11	9920	023	019	006	14	27	83	1	02	1	1	5	7	0	0	3								
07	14	9917	027	022	010	15	22	83	1	02	0	1	5	7	0	0	3								
07	17	9913	027	022	010	12	18	83	1	02	0	0	0	9	0	2									
07	20	9902	024	019	009	12	20	83	5	03	2	0	0	9	4	2									
07	23	9895	022	019	008	14	31	83	2	02	1	0	0	9	0	2				13	40	1551	0000	027	014
08	02	9889	023	019	008	14	30	83	1	02	1	0	0	9	0	2									
08	05	9880	024	019	006	13	29	83	6	03	1	1	5	7	0	2	2								
08	08	9867	022	018	006	14	31	83	7	03	1	1	5	7	0	2	2								
08	11	9860	029	024	013	12	30	83	2	02	1	1	5	7	0	2	2								
08	14	9863	031	025	014	13	28	83	8	03	1	1	7	5	1		2								
08	17	9867	032	026	014	12	30	83	8	02	2	2	5	7	7	7	2								
08	20	9875	032	026	013	14	26	83	7	02	2	2	5	7	7	3	2								
08	23	9888	031	025	012	14	25	63	8	02	2	8	5	7	7		2			14	47	701	0000	033	020
09	02	9900	029	024	013	13	19	83	8	02	2	8	5	7			2								
09	05	9910	030	024	014	14	17	83	7	02	2	7	5	7			2								
09	08	9917	030	024	012	13	21	83	7	02	2	7	0	9	7										
09	11	9926	031	026	015	13	11	83	7	02	2	7	0	9	7	6									
09	14	9935	034	028	015	12	12	83	1	01	2	6	0	0	3	0									
09	17	9946	032	027	015	15	07	83	6	02	2	4	0	0	3	0									
09	20	9961	029	024	017	12	08	83	4	01	2	2	0	0	3	0									
09	23	9963	026	022	013	14	14	83	6	03	1	0	0	9	3	0				11	31	394	0000	035	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
10	02	9969	023	020	011	13	14	83	2	01	2	0	0	9	3	0									
10	05	9970	022	019	010	14	15	83	3	02	2	0	0	9	0	0									
10	08	9972	024	020	009	13	15	83	3	02	2	0	0	9	0	0									
10	11	9971	026	023	013	13	11	83	3	02	2	0	0	9	0	0									
10	14	9977	030	025	014	31	01	83	3	02	2	0	0	9	0	0									
10	17	9973	029	025	014	24	08	83	3	02	2	0	0	9	0	0			6						
10	20	9969	030	025	015	26	08	83	1	02	2	0	0	9	0	2			6						
10	23	9960	025	022	017	16	09	83	1	02	2	0	0	9	0	2			6	14	23	277	0000	031	022
11	02	9952	021	017	009	16	21	83	0	02	2	0	0	9	0	0									
11	05	9944	021	018	008	16	19	83	0	02	2	0	0	9	0	0									
11	08	9928	024	021	011	15	24	83	0	02	2	0	0	9	0	0									
11	11	9930	031	026	013	21	11	83	0	02	2	0	0	9	0	0									
11	14	9926	037	029	013	18	07	83	0	02	2	0	0	9	0	0									
11	17	9922	037	030	014	22	04	83	0	02	2	0	0	9	0	0									
11	20	9916	032	026	015	14	17	83	0	02	2	0	0	9	0	0									
11	23	9915	025	021	011	13	22	83	1	03	2	0	0	9	0	1			7	15	35	368	0000	034	020
12	02	9912	024	020	010	15	19	83	4	03	1	0	0	9	3	1		2	7						
12	05	9899	027	022	011	14	18	83	8	02	2	8	5	7			2								
12	08	9891	026	021	010	13	16	83	8	02	2	8	5	7			2								
12	11	9880	029	024	015	14	15	83	8	02	2	8	5	7	1		2								
12	14	9871	030	025	014	10	19	83	8	03	2	8	5	7	7		2								
12	17	9874	028	024	015	10	18	83	7	01	2	8	5	7	7		2								
12	20	9883	026	021	011	11	13	83	4	01	2	4	5	8	7		2								
12	23	9891	026	022	012	14	12	83	3	02	2	4	5	8	7		2			13	31	430	0000	031	023
13	02	9894	022	019	011	15	10	83	3	02	2	4	5	8	7		2								
13	05	9898	017	015	006	15	21	83	5	02	2	0	0	9	0	1			5						
13	08	9907	020	017	007	14	11	83	3	02	2	0	0	9	0	2			5						
13	11	9915	025	021	009	11	06	83	6	02	2	0	0	9	0	1			5						
13	14	9927	027	021	006	06	07	83	1	01	2	0	0	9	0	0									
13	17	9933	027	021	005	07	05	83	1	02	2	0	0	9	0	0	3								
13	20	9938	025	021	010	10	07	83	1	02	2	0	0	9	0	0	3								
13	23	9940	018	015	007	16	21	83	1	02	2	1	5	7	0	0	3			15	28	207	0000	027	017
14	02	9943	015	013	004	16	25	83	0	02	2	0	0	9	0	0									
14	05	9940	013	011	002	16	26	83	0	02	2	0	0	9	0	0									
14	08	9943	015	013	004	16	23	83	0	02	2	0	0	9	0	0									
14	11	9930	024	019	012	13	17	83	0	02	2	0	0	9	0	0									
14	14	9934	030	024	011	18	13	83	0	02	2	0	0	9	0	0									
14	17	9939	029	024	012	32	08	83	0	02	2	0	0	9	0	0									
14	20	9949	026		009	14	20	83	0	02	2	0	0	9	0	0									
14	23	9955	020		005	14	25	83	0	02	2	0	0	9	0	0				14	37	340	0000	030	013
15	02	9966	019		004	14	22	83	0	02	2	0	0	9	0	0									
15	05	9974	020		005	14	27	83	2	02	2	0	0	9	0	0									
15	08	9976	020		005	16	26	83	8	03	2	0	0	9	0	5									
15	11	9980	028		012	15	13	82	7	03	2	0	0	9	0	6									
15	14	9990	033		012	11	09	82	7	01	2	0	0	9	0	2			5						
15	17	9985	031		014	26	04	83	3	01	2	0	0	9	0	1									
15	20	9992	030		015	25	12	83	0	01	2	0	0	9	0	0									
15	23	9984	027		010	18	22	82	0	00	2	0	0	9	0	0				14	52	346	0000	035	017
16	02	0005	027		008	18	24	82	0	00	2	0	0	9	0	0									
16	05	9992	026		011	18	23	82	0	00	2	0	0	9	0	0									
16	08	9965	022		008	15	35	81	0	36	2	0	0	9	0	0									
16	11	9956	028		010	13	28	83	5	03	2	0	0	9	0	6									
16	14	9957	032		014	06	16	83	3	02	2	0	0	9	0	2									
16	17	9943	031		015	08	09	83	4	02	2	0	0	9	0	2		6							
16	20	9941	029		015	07	14	83	6	03	2	0	0	9	0	2									
16	23	9942	027		011	15	22	83	7	03	2	0	0	9	0	2				14	48	454	0000	033	021
17	02	9931	026		008	13	23	83	6	01	1	0	0	9	0	8									
17	05	9926	023		006	13	26	83	3	01	2	0	0	9	0	8									
17	08	9909	024		007	14	32	83	7	02	2	0	0	9	0	6		4							
17	11	9937	027		010	13	26	83	7	02	2	0	0	9	0	2									
17	14	9920	031		014	07	11	83	4	02	2	0	0	9	0	1			5						
17	17	9920	031		012	27	06	83	2	01	1	0	0	9	0	0									
17	20	9913	030		015	14	07	83	1	01	1	0	0	9	0	0									
17	23	9912	022		004	13	23	83	1	01	1	0	0	9	0	0		2		13	45	353	0000	032	022
18	02	9902	020		004	13	17	83	0	00	0	0	0	9	0	0									
18	05	9905	018		001	13	37	83	0	00	0	0	0	9	0	1									
18	08	9907	022		008	13	30	83	2	03	2	0	0	9	0	1		2	2						
18	11	9907	025		007	12	28	83	2	02	2	0	0	9	0	1									
18	14	9906	028		011	13	19	83	2	02	2	0	0	9	0	1		2	3						
18	17	9899	028		012	12	24	83	7	03	1	0	0	9	0	1									
18	20	9888	026		011	13	31	82	8	03	2	5	5	7	4	1	2								
18	23	9882	026		012	12	33	80	8	15	2	8	5	6	7	1				14	45	518	0006	029	017

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	02	9873	026		012	13	33	82	5	01	2	4	5	0	3		3	3							
19	05	9868	027		015	13	28	83	5	15	7	7	5	4			3								
19	08	9870	027		019	12	26	72	8	70	7	5	5	3	7										
19	11	9858	028		020	14	36	81	7	70	7	3	5	3	7	6									
19	14	9858	029		018	14	34	88	7	70	7	6	5	3	7	6		3							
19	17	9857	028		020	12	31	56	7	02	2	3	5	4	7	5									
19	20	9858	026		018	13	31	56	8	15	2	6	5	3		1				13	45	781	0000	030	025
19	23	9864	026		017	13	29	56	8	70	2	8	5	3											
20	02	9865	025		015	13	33	56	8	02	2	8	5	3											
20	05	9872	024		015	12	35	81	8	02	2	4	5	4	7										
20	08	9880	024		015	12	35	82	8	15	2	2	5	4	7			2							
20	11	9885	027		016	12	32	82	8	02	2	0	5	4	7	7		2							
20	14	9886	029		016	12	32	82	8	02	2	0	5	4	7	7									
20	17	9891	030		019	12	20	82	8	02	2	4	5	5	7	7									
20	20	9893	026		019	13	14	83	7	02	2	2	5	6	7	8	3			14	44	674	0000	031	023
20	23	9890	024		013	13	17	83	8	02	2	2	5	6	3										
21	02	9886	021		011	13	16	82	1	01	1	0	0	9	0	8									
21	05	9884	019		008	13	20	83	2	01	1	0	0	9	0	8									
21	08	9889	019		008	13	19	83	6	02	1	0	0	9	0	5									
21	11	9885	023		012	13	19	83	3	01	1	0	0	9	0	5									
21	14	9894	026		013	09	05	83	1	01	1	0	0	9	0	0									
21	17	9894	025		014	00	00	83	1	02	C	0	0	9	0	0									
21	20	9900	020		011	12	15	83	0	02	C	0	0	9	0	0				14	29	331	0000	027	013
21	23	9906	016		008	14	19	83	0	02	C	0	0	9	0	0									
22	02	9910	011		003	14	30	83	0	02	C	0	0	9	0	0									
22	05	9915	010		001	14	31	83	1	02	C	0	0	9	0	1	5								
22	08	9915	013		004	14	28	83	5	03	C	1	0	9	0	0	5								
22	11	9915	022		009	12	17	83	8	03	C	2	0	7	0	0	5								
22	14	9915	024		010	14	05	82	8	01	C	2	0	6	0	0	5								
22	17	9912	024		014	13	11	82	8	02	C	2	0	6	0	0	5								
22	20	9912	022		012	13	11	83	8	01	C	2	0	6	0	1	4			14	39	405	0000	024	010
22	23	9905	016		006	14	19	83	4	01	1	4	5	6			4								
23	02	9899	018		005	14	23	83	7	03	1	7	5	6											
23	05	9886	015		005	14	35	83	8	01	1	3	5	6											
23	08	9885	017		007	14	35	82	8	03	1	0	0	9	7	7									
23	11	9881	018		008	14	37	82	7	02	1	0	0	9	7	1									
23	14	9881	016		006	14	31	82	8	14	2	0	0	9	7										
23	17	9871	021		013	14	30	82	8	02	2	0	0	9	7										
23	20	9866	019		012	14	38	81	8	36	2	7	5	3	7					14	54	755	0000	023	014
23	23	9869	017		009	14	38	81	8	36	2	8	5	3											
24	02	9869	017		010	14	37	81	8	36	3	8	5	3											
24	05	9865	016		010	14	40	81	8	36	3	8	5	4											
24	08	9872	017		011	14	33	80	8	36	3	6	5	4		1									
24	11	9880	019		011	14	37	80	8	36	3	6	5	4											
24	14	9887	020		012	14	35	80	8	36	3	8	5	4											
24	17	9902	021		010	14	31	81	8	36	3	8	5	4											
24	20	9904	019		009	14	33	80	8	36	3	8	5	2	7					13	49	845	0000	022	016
24	23	9909	017		007	13	37	80	8	36	3	8	5	3											
25	02	9908	015		006	13	39	80	8	36	3	8	5	3											
25	05	9887	017		008	13	42	80	8	36	3	8	5	3											
25	08	9871	017		008	13	42	80	8	36	3	7	5	3											
25	11	9847	017		011	13	49	80	7	36	3	4	5	4											
25	14	9834	021		013	13	52	80	6	36	3	3	5	4		1									
25	17	9824	022		013	13	39	80	6	36	3	2	5	4	0	1									
25	20	9822	021		012	13	47	81	5	36	3	0	5	4	7	1				13	68	992	0000	025	015
25	23	9824	021		012	13	44	81	7	36	3	7	5	9											
26	02	9841	015		007	14	42	81	7	36	3	0	0	9	7										
26	05	9859	013		005	14	42	81	8	16	2	0	0	9	7										
26	08	9872	012		003	14	40	82	7	36	3	0	0	9	7			3							
26	11	9873	018		009	14	15	83	1	01	1	0	0	9	7			3							
26	14	9876	025		010	00	00	83	1	01	1	0	0	9	7			3							
26	17	9875	024		010	14	11	83	0	02	C	0	0	9	7			3							
26	20	9873	021		008	15	14	83	0	02	C	0	0	9	7	0				15	58	1530	0000	027	011
26	23	9847	013		001	13	28	83	1	03	C	0	0	9	7	0			6						
27	02	9822	008		503	13	33	83	0	00	0	0	0	9	0	0									
27	05	9805	015		001	14	28	83	0	00	0	0	0	9	0	0									
27	08	9777	012		000	14	34	80	8	03	2	0	0	9	7	7									
27	11	9751	014		003	12	42	80	8	03	2	0	0	9	7	7									
27	14	9746	015		006	12	44	80	8	36	3	0	0	9	7	7									
27	17	9750	016		008	12	40	80	8	36	3	0	0	9	7	7									
27	20	9762	015		007	13	46	24	8	36	3	0	0	9	7	7				13	66	908	0000	017	007
27	23	9768	014		007	13	52	16	8	36	3	0	0	9	7	2									

Results of Surface Observations,
MAWSON – Feb., 1957

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	976.6	013		008	13	60	08	8	36	3	0	0	9	7										
28	05	975.7	014		009	13	61	07	8	36	3	0	0	9	2										
28	08	974.0	016		012	13	63	00		37	3														
28	11	973.1	017		014	13	51	04		38	3														
28	14	971.4	021		014	13	49	48	8	36	3	3	5	5	7										
28	17	970.7	022		014	13	51	48	8	15	2	3	6	5	7										
28	20	971.3	022		015	13	47	48	7	15	2	0	0	9	7										
28	23	972.5	023		014	13	39	80	7	02	2	0	0	9	7					14	74	165	0000	023	013

Results of Surface Observations,
MAWSON – Mar., 1957

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	9755	023		014	14	27	81	58	02	22	0	0	9	7			4							
01	05	9783	019		009	15	26	81	88	02	22	0	0	9	7			4							
01	08	9803	013		003	15	25	83	82	02	21	0	0	9	7										
01	11	9811	021		010	12	14	83	11	01	11	0	0	9	7	3									
01	14	9825	026		012	14	09	83	12	01	11	0	0	9	7	3									
01	17	9831	025		013	14	07	83	11	01	11	0	0	9	7	3									
01	20	9842	018		005	14	21	83	21	01	11	0	0	9	7	3									
01	23	9862	016		005	14	19	83	1	01	1	0	0	9	5	5				18	48	1525	0000	026	011
02	02	9863	013		003	15	21	83	58	02	02	0	0	9	3	0									
02	05	9857	012		003	15	25	80	88	03	22	0	0	9	7			3							
02	08	9860	014		006	15	18	80	88	01	22	0	0	9	7			3							
02	11	9864	015		004	14	28	81	88	01	22	0	0	9	7										
02	14	9863	017		010	14	25	64	88	14	22	0	0	9	7										
02	17	9860	016		016	14	25	04	88	77	27	0	0	9	7										
02	20	9854	016		016	13	23	00	88	73	27	0	0	9	7										
02	23	9847	015		015	13	28	00	88	39	23	0	0	9	7	7	0								
03	02	9840	014		014	13	28	00	00	39	33	0	0	9	7										
03	05	9842	015		013	13	22	80	00	36	33	0	0	9	7										
03	08	9836	015		012	13	26	80	71	36	33	0	0	9	7										
03	11	9840	017		011	13	23	86	71	36	33	0	0	9	7										
03	14	9840	022		013	13	17	83	11	02	30	0	0	9	7										
03	17	9838	024		012	12	12	83	11	02	30	0	0	9	7										
03	20	9834	018		008	12	12	83	10	02	30	0	0	9	7										
03	23	9827	010		003	16	28	83	0	36	33	0	0	9	7	7	0								
04	02	9808	008		003	12	30	82	00	36	33	0	0	9	0	0									
04	05	9798	007		001	12	28	83	00	36	33	0	0	9	0	0									
04	08	9777	012		002	13	22	83	00	00	33	0	0	9	0	0									
04	11	9769	014		501	13	21	83	00	00	33	0	0	9	0	0									
04	14	9764	019		006	18	09	83	00	00	33	0	0	9	0	0									
04	17	9768	019		005	09	05	83	00	00	33	0	0	9	0	0									
04	20	9785	017		008	09	05	83	00	00	33	0	0	9	0	0									
04	23	9799	010		501	16	25	83	0	00	33	0	0	9	0	0	0			16	40	1519	0000	020	007
05	02	9812	010		503	16	22	83	01	00	32	0	0	9	0	0	1	6	5						
05	05	9824	012		007	15	25	83	77	02	22	0	0	9	0	0	6	5							
05	08	9835	016		003	15	24	83	71	02	22	0	0	9	0	0	5								
05	11	9847	015		003	15	12	83	12	02	21	0	0	9	0	0	2								
05	14	9865	022		003	00	00	83	41	02	02	0	0	9	0	0	1	5	5						
05	17	9876	024		009	00	00	83	24	02	02	0	0	9	0	0	1								
05	20	9889	015		003	14	14	83	41	02	02	0	0	9	0	0	1		5						
05	23	9903	010		503	15	17	83	1	02	2	0	0	9	0	0	1			15	37	436	0000	024	008
06	02	9908	008		503	16	26	83	01	02	03	0	0	9	0	0	1								
06	05	9915	009		502	17	30	83	17	36	33	0	0	9	0	0	1	6							
06	08	9907	012		001	17	21	83	78	02	12	0	0	9	0	0	6		2						
06	11	9903	014		002	14	26	83	88	03	22	0	0	9	0	0									
06	14	9870	018		008	10	23	83	88	03	23	0	0	9	0	0									
06	17	9826	019		008	09	10	83	88	03	33	0	0	9	0	0									
06	20	9776	016		012	12	37	86	88	03	33	0	0	9	0	0									
06	23	9755	015		013	13	44	00	88	39	33	0	0	9	0	0				13	62	318	0000	019	007
07	02	9737	016		007	16	35	81	87	03	22	0	0	9	7										
07	05	9750	015		005	16	42	82	74	02	23	0	0	9	7	7									
07	08	9758	015		007	16	39	80	24	36	11	0	0	9	7	0									
07	11	9784	024		007	16	09	83	80	01	11	0	0	9	7	0									
07	14	9792	029		011	00	00	83	48	01	11	0	0	9	7	0									
07	17	9798	028		011	00	00	83	80	03	11	0	0	9	7	0									
07	20	9805	020		010	15	14	83	80	01	11	0	0	9	7	0									
07	23	9815	017		003	14	16	83	80	01	11	0	0	9	7	0	0			17	59	724	0000	030	015
08	02	9823	014		000	14	21	83	01	02	11	0	0	9	0	0									
08	05	9842	014		001	14	17	83	67	02	12	0	0	9	0	0									
08	08	9852	015		002	14	17	83	71	03	22	0	0	9	0	0									
08	11	9868	017		004	13	23	83	78	03	22	0	0	9	0	0									
08	14	9880	021		012	13	17	83	88	02	22	0	0	9	0	0									
08	17	9887	021		016	12	26	83	88	15	22	0	0	9	0	0									
08	20	9887	020		017	12	25	81	88	71	22	0	0	9	0	0									
08	23	9895	021		017	13	25	40	88	71	27	0	0	9	0	0	0	3	5	13	36		0000	021	012
09	02	9887	021		018	14	31	24	88	36	32	0	0	9	4										
09	05	9891	021		016	14	25	80	88	00	22	0	0	9	5										
09	08	9914	023		016	14	22	80	88	00	22	0	0	9	5										
09	11	9954	025		017	09	01	40	88	15	22	0	0	9	5										
09	14	9986	024		017	09	09	24	88	16	22	0	0	9	4										
09	17	0001	024		017	11	04	80	87	01	22	0	0	9	4										
09	20	0002	021		016	10	07	80	72	02	22	0	0	9	4										
09	23	0020	016		011	13	16	80		01	20	0	0	9	4	7	1	6							
												0	0	9	7	0	0			14	40	624	0000	025	015

Results of Surface Observations,
MAWSON – Mar., 1957

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	0014	017		012	16	13	83	8	02	2	8	5	4	7	0									
10	05	9998	017		011	16	09	83	3	01	2	0	0	9	7	8									
10	08	9981	017		009	00	00	83	7	02	1	0	0	9	7										
10	11	9951	018		009	14	31	83	7	02	3	7	5	7			2								
10	14	9929	021		012	14	35	83	8	36	3	2	5	8	1										
10	17	9908	021		013	13	34	48	8	15	3	0	5	9	2										
10	20	9898	020		014	13	35	80	8	15	3	6	5	4											
10	23	9882	020		014	14	37	80	8	15	3	8	5	4						13	50	311	0000	021	015
11	02	9867	020		016	13	35	80	8	36	3	8	5	4											
11	05	9848	023		017	14	40	80	8	36	3	0	0	9	4	6									
11	08	9852	025		015	14	37	82	8	36	3	0	0	9	4	6			5						
11	11	9874	029		016	14	34	83	5	02	2	0	0	9	4	2		2	4						
11	14	9881	030		013	13	35	83	6	02	2	0	0	9	7	0		3							
11	17	9890	030		014	14	35	83	5	02	2	0	0	9	4	0									
11	20	9905	027		011	13	35	83	3	01	2	0	0	9	4	0									
11	23	9912	026		007	14	37	81	3	02	2	0	0	9	7	0				13	56	853	0000	031	018
12	02	9916	022		004	13	38	83	3	02	2	0	0	9	7	0									
12	05	9933	024		004	13	38	83	6	03	2	6	5	5											
12	08	9947	021		004	13	35	83	7	03	2	7	5	5											
12	11	9963	021		005	14	26	83	7	02	2	7	5	7											
12	14	9977	022		005	14	21	83	6	01	2	6	5	7											
12	17	9987	022		005	14	14	83	3	01	1	0	0	9	3	0									
12	20	9999	020		004	14	26	83	3	01	0	0	0	9	3	0									
12	23	0003	017		000	16	17	83	1	00	1	0	0	9	3	0				13	55	860	0000	027	017
13	02	0025	015		000	16	16	83	1	00	1	0	0	9	3	0									
13	05	0041	014		501	16	07	83	0	00	1	0	0	9	0	0									
13	08	0050	014		003	16	12	83	1	03	1	0	0	9	0	2			3						
13	11	0053	021		008	00	00	83	1	02	1	0	0	9	3	0									
13	14	0046	024		009	00	00	83	7	02	2	0	0	9	3	0		3							
13	17	0042	025		007	00	00	83	0	02	1	0	0	9	0	0									
13	20	0039	018		002	15	11	83	2	03	1	0	0	9	0	5			5						
13	23	0040	015		002	15	24	83	1	01	1	0	0	9	0	5				13	34	1525	0000	026	013
14	02	0047	019		004	15	09	82	5	03	2	8	5	4											
14	05	0042	019		004	15	11	83	8	02	2	8	5	4											
14	08	0033	019		006	13	15	83	8	02	2	8	5	4											
14	11	0025	018		012	13	22	04	8	02	2	8	5	4											
14	14	9989	019		016	14	28	02		71	7														
14	17	9940	018		017	13	37	00		38	7														
14	20	9904	018		017	13	31	00		73	7														
14	23	9892	019		018	13	28	00		73	7									13	46	284	0000	021	015
15	02	9922	020		015	17	16	81	8	03	2	4	5	4	3										
15	05	9944	019		011	17	14	83	5	02	1	0	0	9	3	0									
15	08	9947	012		004	17	21	83	3	36	1	0	0	9	0	0									
15	11	9946	012		002	15	20	83	1	01	1	0	5	9	0	5									
15	14	9939	019		007	15	16	83	1	03	1	0	0	9	0	5			7						
15	17	9930	019		007	14	07	83	3	03	2	0	0	9	0	5		6							
15	20	9923	011		501	14	24	83	2	02	0	1	0	5	0	2	8								
15	23	9919	009		502	15	21	83	0	01	0	0	0	9	0	0				13	37	631	0000	022	007
16	02	9912	008		505	14	15	83	1	02	0	0	0	9	3	0									
16	05	9916	004		506	15	23	82	1	36	0	0	0	9	3	0									
16	08	9926	004		506	16	24	83	1	36	0	0	0	9	3	0									
16	11	9932	011		503	14	02	83	0	02	0	0	0	9	0	0									
16	14	9938	015		000	00	00	83	0	02	0	0	0	9	0	0									
16	17	9945	018		001	00	00	83	0	00	0	0	0	9	0	0									
16	20	9951	009		504	13	11	83	1	02	0	0	0	9	3	0									
16	23	9954	008		506	14	15	83	0	02	0	0	0	9	0	0				14	34	491	0000	018	003
17	02	9947	006		507	14	22	83	1	36	3	0	0	9	0	5									
17	05	9945	004		505	14	31	82	1	36	3	0	0	9	0	5									
17	08	9936	002		506	14	37	83	5	36	3	6	0	9	3	5									
17	11	9938	005		503	14	37	83	6	36	3	6	5	5											
17	14	9949	010		501	14	22	83	7	36	3	7	5	5											
17	17	9961	009		502	14	31	83	2	36	3	1	5	5	0	5									
17	20	9968	004		507	14	31	83	1	36	3	0	0	9	0	5									
17	23	9977	001		509	12	35	83	0	36	3	0	0	9	0	0				13	47	419	0000	010	001
18	02	9984	003		508	14	33	83	1	01	1	5	5	5	0	0									
18	05	9991	003		510	14	29	83	1	01	1	5	5	6	0	0									
18	08	0000	005		508	14	25	83	5	03	1	5	5	6											
18	11	9994	010		505	13	25	83	1	01	1	0	0	9	3	0		1							
18	14	9992	012		501	14	16	83	1	00	0	0	0	9	3	0									
18	17	0002	013		501	09	09	83	0	00	0	0	0	9	0	0									
18	20	0013	007		506	16	08	83	0	00	0	0	0	9	0	0									
18	23	0012	006		506	17	04	83	0	00	0	0	0	9	0	0				13	44		0000	015	002

Results of Surface Observations,
MAWSON — Mar., 1957

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	0016	009		505	00	00	83	0	00	0	0	0	9	0	0									
19	05	0011	007		506	16	11	83	0	00	0	0	0	9	0	0									
19	08	0007	009		503	16	05	83	0	02	0	0	0	9	0	0									
19	11	0006	014		501	00	00	83	0	02	0	0	0	9	0	0									
19	14	0001	018		004	00	00	83	0	02	0	0	0	9	0	0									
19	17	9986	013		000	00	00	83	2	03	0	0	0	9	0	1									
19	20	9983	016		001	14	07	83	2	02	0	0	0	9	3	0									
19	23	9984	013		505	17	16	83	3	03	0	0	0	9	3	0				13	34	1523	0000	021	006
20	02	9986	002		508	16	31	83	4	36	3	0	0	9	3	0									
20	05	0001	005		507	17	13	83	7	03	2	0	0	9	3										
20	08	0007	010		505	14	03	83	8	03	2	0	0	9	0	7									
20	11	0015	013		503	00	00	83	7	02	2	0	0	9	0	7									
20	14	0024	013		502	00	00	82	7	03	2	0	0	9	1			5							
20	17	0033	013		502	15	03	82	7	02	2	0	0	9	1										
20	20	0031	012		502	18	05	82	8	02	2	0	0	9	7	7		5	5						
20	23	0030	012		500	15	15	80	8	36	3	0	0	9	1					15	41	482	0000	015	002
21	02	0019	012		001	16	17	83	1	02	2	0	0	9	1	0									
21	05	0007	015		003	13	16	83	1	36	2	0	0	9	1	0									
21	08	9984	020		003	13	16	83	8	03	2	0	0	9	1										
21	11	9971	020		001	09	11	82	8	03	2	0	0	9	2										
21	14	9961	016		004	09	05	82	8	03	2	0	0	9	2										
21	17	9907	017		501	08	11	82	8	03	2	0	0	9	2										
21	20	9871	017		003	13	25	81	8	03	2	0	0	9	2										
21	23	9833	016		003	13	26	81	8	03	2	0	0	9	3					14	32	385	0003	021	011
22	02	9784	012		502	13	26	83	1	01	2	1	5	3	0	0									
22	05	9769	009		505	16	19	83	1	02	2	1	5	3	0	0									
22	08	9771	015		500	16	13	83	7	03	1	0	0	9	1										
22	11	9782	011		501	16	28	83	5	01	1	0	0	9	3	2									
22	14	9793	022		004	00	00	83	3	01	1	0	0	9	0	2									
22	17	9808	017		004	00	00	83	0	01	1	0	0	9	0	2									
22	20	9832	011		502	13	16	83	2	03	2	0	0	9	3	0									
22	23	9849	009		505	17	17	83	5	03	2	0	0	9	3	0				17	52	1567	0000	022	007
23	02	9860	004		508	13	19	83	1	01	0	0	0	9	3	0									
23	05	9876	006		508	16	11	82	1	00	0	0	0	9	3	0									
23	08	9886	002		510	15	23	83	4	01	1	0	0	9	3	0									
23	11	9897	010		506	13	11	83	7	01	1	0	0	9	3	0		2							
23	14	9889	011		504	13	10	83	7	02	2	2	5	3	0		3								
23	17	9981	013		502	00	00	83	7	02	2	7	5	0	6		5								
23	20	9879	009		504	16	06	83	7	01	2	7	5	0	9	0									
23	23	9879	005		507	15	16	83	0	02	0	0	0	9	0	0				17	33	435	0000	014	001
24	02	9880	010		506	16	15	83	0	02	0	0	0	9	0	0									
24	05	9871	006		507	15	14	83	0	02	0	0	0	9	0	0									
24	08	9854	010		504	10	08	83	0	03	0	8	5	9	6										
24	11	9831	014		502	12	14	83	8	03	1	8	5	9	6										
24	14	9839	015		500	11	04	83	8	03	2	8	5	9	6										
24	17	9863	012		501	00	00	83	7	02	2	8	5	9	6										
24	20	9891	012		501	00	00	83	7	00	2	0	0	9	7	0									
24	23	9904	014		502	00	00	83	0	00	0	0	0	9	0	0				14	32	330	0000	017	005
25	02	9916	013		501	00	00	83	0	00	0	3	0	9	0	0									
25	05	9917	014		501	00	00	83	3	03	0	8	5	9	0	0									
25	08	9904	017		003	00	00	82	8	02	2	8	5	4	4										
25	11	9872	017		013	10	08	08	8	71	3	8	5	4											
25	14	9811	015		013	12	38	00		39	3														
25	17	9766	015		011	11	55	00		39	3														
25	20	9754	016		015	11	45	00		39	3														
25	23	9765	016		015	11	43	00		39	3									11	70	247	0000	018	010
26	02	9769	016		015	11	34	00		39	3														
26	05	9764	015		014	10	20	00		39	3														
26	08	9784	015		007	10	07	83	7	15	3	0	0	9	7										
26	11	9800	015		009	13	11	83	5	01	2	4	5	6	7	2									
26	14	9808	019		013	10	09	83	7	03	2	0	0	9	7	0									
26	17	9822	020		011	00	00	83	3	01	0	3	0	7	0	0									
26	20	9830	009		003	16	19	83	0	01	0	0	0	9	0	0									
26	23	9839	005		000	16	26	83	0	36	3	0	0	9	0	0				12	44	862	0000	020	003
27	02	9840	012		502	15	31	83	1	36	3	1	5	6	0	0	7								
27	05	9842	501		505	15	30	82	1	36	3	1	5	6	0	0	6								
27	08	9836	501		503	15	34	03	6	36	3	1	5	6			6								
27	11	9823	000		504	15	30	03	8	36	3	8	5	6			5								
27	14	9818	005		500	13	22	82	7	36	3	7	5	6			5								
27	17	9811	005		502	14	23	81	6	36	3	6	1	6											
27	20	9818	001		505	15	30	32	1	36	3	1	0	9	0	0									
27	23	9817	002		503	16	31	08	0	38	3	0	0	9	0	0				15	44	1505	0000	006	502

Results of Surface Observations,
MAWSON – Mar., 1957

LOCAL STANDARD TIME		TEMPERATURES			SURFACE WIND							LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	02	9830	004		000	16	30	08	0	36	3	0	0	9	0	0									
28	05	9840	005		000	16	30	08	1	36	3	1	5	4	0	0									
28	08	9837	005		003	16	31	40	1	36	3	1	5	4	0	0	3								
28	11	9839	009		008	16	52	40	1	36	3	1	5	4	0	0	3								
28	14	9857	013		010	16	44	80	1	36	3	1	5	4	0	0	3								
28	17	9858	012		008	13	22	81	3	36	3	0	0	9	3	0		6							
28	20	9863	011		008	16	25	81	7	36	3	0	0	9	7			6							
28	23	9847	014		009	14	26	81	0	36	3	0	0	9	0	0				16	55	650	5068	015	003
29	02	9856	011		007	17	30	81	0	36	3	0	0	9	0	0									
29	05	9862	010		006	17	28	82	1	36	3	0	0	9	7	0									
29	08	9864	012		007	17	25	82	5	36	3	0	0	9	7	1									
29	11	9877	014		008	13	22	83	7	36	3	4	5	6	7	1	4								
29	14	9871	016		009	11	19	83	7	36	3	1	5	6	3										
29	17	9862	016		008	11	21	83	6	01	2	0	0	9	3	1									
29	20	9852	013		006	11	31	83	7	36	3	0	0	9	3										
29	23	9846	013		004	11	22	83	7	36	3	0	0	9	3					13	41	627	0000	017	004
30	02	9841	014		005	11	16	83	0	01	0	0	0	9	0	0									
30	05	9841	013		004	11	13	83	0	02	0	0	0	9	0	0									
30	08	9841	012		002	12	21	81	8	02	2	8	5	0											
30	11	9839	012		003	12	17	81	8	02	2	1	5	6	7			6							
30	14	9836	013		004	11	14	81	8	02	2	2	5	6	7		2	6							
30	17	9834	013		004	10	12	81	8	02	2	3	5	6	7		2	6							
30	20	9823	011		002	11	16	81	8	02	2	8	5	6											
30	23	9821	011		501	11	12	81	8	02	2	8	5	6						11	31	632	0000	015	011
31	02	9816	009		000	13	13	81	8	02	2	8	5	6											
31	05	9808	009		000	13	10	83	8	02	2	8	5	6											
31	08	9802	007		502	13	12	83	8	02	2	8	5	6											
31	11	9797	010		502	12	05	83	8	02	2	3	5	6	7										
31	14	9796	012		501	00	00	83	7	02	2	0	0	9	7										
31	17	9789	012		001	00	00	83	5	01	1	0	0	9	7	0									
31	20	9792	006		004	11	12	83	3	01	1	0	0	9	3	0									
31	23	9795	004		504	12	17	83	0	02	0	0	0	9	0	0				13	25	467	0000	013	004

Results of Surface Observations,
MAWSON – Apr., 1957

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
01	02	9806	005		505	12	16	83	0	02	0	0	0	9	0	0									
01	05	9811	005		505	13	19	83	3	01	1	0	0	9	3	0									
01	08	9812	003		511	11	25	83	2	01	1	0	0	9	3	0									
01	11	9825	008		503	11	19	83	3	03	1	0	0	9	3	0									
01	14	9836	011		500	12	11	83	3	01	1	0	0	9	3	1									
01	17	9847	010		501	12	09	83	2	02	1	1	1	9	0	1			5						
01	20	9853	005		505	13	17	83	1	02	1	1	1	9	0	0									
01	23	9862	003		506	13	22	83	1	36	3	1	4	6	0	0				13	35	340	0000	012	002
02	02	9874	004		501	13	16	83	0	36	3	0	0	9	0	0									
02	05	9876	005		504	12	23	82	0	36	3	0	0	9	0	0									
02	08	9887	007		503	12	16	82	5	03	3	5	5	6	0	0	3								
02	11	9899	011		001	11	14	80	6	03	2	6	5	6	3	1	3								
02	14	9908	013		002	09	08	82	6	02	2	6	5	6	0	0	3								
02	17	9917	012		002	10	10	82	8	03	2	8	5	7											
02	20	9921	010		001	10	16	82	8	02	2	8	5	7											
02	23	9920	009		003	10	25	84	8	00	2	8	5	6						12	42	450	0000	013	002
03	02	9920	012		009	10	28	08	8	36	3	8	5	6											
03	05	9892	007		006	10	42	00		38	3														
03	08	9881	010		008	10	44	00		38	3														
03	11	9876	013		010	10	42	00		38	3														
03	14	9915	016		012	11	34	24	8	36	3	0			1										
03	17	9881	016		009	11	34	24	8	36	3	0			1										
03	20	9891	017		006	12	38	16	8	36	3	8	5	4											
03	23	9905	016		004	14	24	83	3	36	3	3	5	4						11	50	808	0002	017	007
04	02	9918	012		002	14	27	83	0	02	0	0	0	9	0	0									
04	05	9926	010		501	13	30	83	0	02	0	0	0	9	0	0									
04	08	9941	014		001	15	04	83	3	03	0	0	0	9	0	1			5						
04	11	9942	015		002	00	00	83	0	02	0	0	0	9	0	0									
04	14	9948	020		006	00	00	83	0	02	0	0	0	9	0	0									
04	17	9944	017		004	00	00	83	0	02	0	0	0	9	0	0									
04	20	9944	015		002	00	00	83	0	02	0	0	0	9	0	0									
04	23	9935	015		001	22	10	83	3	03	0	0	0	9	3	0				13	40	781	0000	020	004
05	02	9925	010		502	00	00	83	0	01	0	0	0	9	0	0									
05	05	9913	010		501	17	22	83	0	02	0	0	0	9	0	0									
05	08	9898	010		501	18	11	83	5	03	2	1	0	9	7	0									
05	11	9908	013		001	00	00	83	5	03	2	1	0	9	5	0									
05	14	9911	016		501	00	00	83	4	01	1	0	0	9	7	0									
05	17	9909	015		004	00	00	83	7	03	2	0	0	9	7	0									
05	20	9900	015		001	13	17	83	8	00	2	0	0	9	7	0									
05	23	9879	012		002	00	00	83	8	00	2	6	6	1						11	37	246	0000	017	008
06	02	9850	011		003	13	04	83	8	02	2	8	5	1											
06	05	9823	010		008	00	00	16	8	73	7	8	6	1											
06	08	9809	010		007	00	00	16	8	73	7	8	6	1											
06	11	9815	011		006	00	00	16	8	73	7	8	6	1											
06	14	9824	013		007	00	00	80	8	77	7	7	2	7	2										
06	17	9833	013		007	00	00	82	8	01	2	5	7	7			3								
06	20	9847	004		503	14	15	82	1	36	3	5	6	9	2										
06	23	9852	001		503	14	27	80	0	36	3	0	0	9	0	0				14	31	288	0006	015	000
07	02	9876	501		507	14	19	80	0	36	3	0	0	9	0	0									
07	05	9888	501		507	13	22	83	1	36	3	0	0	9	7	0									
07	08	9903	000		505	13	26	82	3	36	3	0	0	9	7	0									
07	11	9914	003		505	13	16	82	1	36	3	0	0	9	3	0									
07	14	9921	009		502	00	00	83	0	01	0	0	0	9	0	0									
07	17	9924	011		001	00	00	83	0	02	0	0	0	9	0	0									
07	20	9922	003		504	13	26	83	1	36	3	0	0	9	3	0									
07	23	9896	001		505	12	31	02	0	37	3	0	0	9	0	0				13	35	337	0000	015	502
08	02	9864	002		504	11	34	02	0	37	3	0	0	9	0	0									
08	05	9821	003			13	39	01	0	38	3	0	0	9	0	0									
08	08	9793	004		000	13	36	01	5	37	3	0	0	9	0	6			6						
08	11	9792	005		000	13	26	40	8	37	3	0	0	9	0	7			7						
08	14	9774	004		000	13	31	40	8	37	3	0	0	9	0	7			7						
08	17	9784	002		502	13	35	06	8	37	3	0	0	9	0	7									
08	20	9801	501		506	13	31	06	8	37	3	0	0	9	0	7									
08	23	9814	500		507	13	26	06	0	37	3	0	0	9	0	0				13	58	1569	0014	006	503
09	02	9817	504		509	13	26	06	0	37	3	0	0	9	0	0									
09	05	9817	505		511	14	35	08	0	36	3	0	0	9	0	0									
09	08	9831	507		513	14	39	40	1	35	3	0	0	9	4	0									
09	11	9843	504		511	14	23	82	1	03	3	0	0	9	3	0	5		1						
09	14	9854	501		508	13	14	82	1	02	3	0	0	9	3	0		5							
09	17	9859	502		506	13	15	83	1	02	3	0	0	9	3	0									
09	20	9860	507		515	13	21	83	1	36	3	0	0	9	3	0									
09	23	9864	508		516	14	14	83	0	02	3	0	0	9	0	0				13	37	1560	0000	001	508

Results of Surface Observations,
MAWSON — Apr., 1957

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	9875	509		518	14	30	83	0	02	0	0	0	9	0	0									
10	05	9882	508		516	13	14	83	0	02	0	0	0	9	0	0									
10	08	9888	509		517	13	19	83	0	02	0	0	0	9	0	0									
10	11	9889	507		515	13	22	83	0	02	0	0	0	9	0	0									
10	14	9895	501		512	12	07	83	0	02	0	0	0	9	0	0									
10	17	9892	504		515	13	13	83	0	02	0	0	0	9	0	0									
10	20	9894	507		518	13	04	83	0	02	0	0	0	9	0	0									
10	23	9893	506		516	13	25	82	0	36	3	0	0	9	0	0				13	38	746	0000	501	510
11	02	9896	510		517	13	28	40	0	36	3	0	0	9	0	0									
11	05	9877	510		518	13	30	40	0	36	3	0	0	9	0	0									
11	08	9879	507		515	13	25	82	0	36	3	0	0	9	0	0									
11	11	9879	503		515	13	26	83	0	36	3	0	0	9	0	0									
11	14	9879	502		511	12	16	83	1	36	3	1	1	6	0	0									
11	17	9886	501		512	13	10	83	1	01	1	0	0	0	3	0									
11	20	9887	507		516	13	22	83	0	36	3	0	0	9	0	0									
11	23	9902	506		513	16	25	83	0	02	0	0	0	9	0	0				16	41	1527	0000	501	510
12	02	9912	506		514	00	00	83	0	02	0	0	0	9	0	0									
12	05	9917	505		514	00	00	82	0	00	0	0	0	9	0	0									
12	08	9918	508		514	17	16	82	1	36	3	0	0	9	0	5			6						
12	11	9911	504		510	13	26	60	5	38	3	0	0	9	0	4			6						
12	14	9900	001		507	13	25	80	5	36	3	0	0	9	0	1									
12	17	9907	502		509	13	26	80	6	36	3	0	0	9	0	4			6						
12	20	9902	502		509	13	26	80	5	36	3	0	0	9	0	4									
12	23	9906	502		511	13	17	83	3	01	1	0	0	9	0	8				16	40	1527	0000	002	508
13	02	9910	500		510	13	14	83	8	00	0	0	0	9	0	0									
13	05	9905	501		512	13	13	83	0	01	0	0	0	9	0	0									
13	08	9898	502		513	13	11	83	0	02	0	0	0	9	0	0									
13	11	9885	001		509	13	17	83	1	02	0	0	0	9	0	1									
13	14	9867	003		508	13	22	83	1	02	0	0	0	9	0	1									
13	17	9840	002		508	12	25	83	1	36	3	0	0	9	0	1									
13	20	9836	501		511	11	24	83	0	36	3	0	0	9	0	0									
13	23	9825	503		512	13	13	83	0	36	3	0	0	9	0	0				12	36	1549	0000	003	504
14	02	9815	505		512	13	26	83	8	36	3	8	4	5											
14	05	9810	003		505	12	25	83	8	36	3	8	4	7											
14	08	9804	005		504	12	26	83	8	36	3	8	4	7											
14	11	9804	005		504	12	17	83	8	36	3	8	4	6											
14	14	9802	005		505	11	22	82	8	36	3	8	5	5											
14	17	9802	005		505	10	21	81	8	02	3	8	5	5											
14	20	9810	004		505	11	17	81	8	02	2	8	5	6											
14	23	9813	501		511	12	23	83	5	01	2	5	5	6	0	0				11	43	607	0005	006	505
15	02	9818	503		514	12	21	83	1	01	1	1	5	6	0	0									
15	05	9823	005		506	12	21	83	1	02	1	1	5	6	0	0			1						
15	08	9830	501		509	14	26	83	2	36	1	1	0	9	4	2		5	8						
15	11	9834	500		509	12	35	83	0	36	3	0	0	9	0	0									
15	14	9839	000		510	12	31	83	0	36	3	0	0	9	0	0									
15	17	9862	000		511	12	31	83	0	36	3	0	0	9	0	0									
15	20	9867	505		512	12	32	83	0	36	3	0	0	9	0	0									
15	23	9870	506		513	12	35	83	0	36	3	0	0	9	0	0				14	40		0000	005	506
16	02	9878	504		513	12	33	83	0	36	3	0	0	9	0	0									
16	05	9873	502		513	14	09	83	0	02	0	0	0	9	0	0									
16	08	9869	503		512	14	28	83	0	36	3	0	0	9	0	0									
16	11	9853	000		508	14	18	83	0	36	3	0	0	9	0	0									
16	14	9847	002		508	14	13	83	1	03	0	0	0	9	5	0									
16	17	9815	001		508	14	19	83	2	03	0	0	0	9	0	5									
16	20	9797	001		509	13	23	83	0	36	3	0	0	9	0	0									
16	23	9771	502		511	14	04	83	0	36	3	0	0	9	0	0				14	37	625	0000	005	506
17	02	9757	001		510	14	22	83	1	36	3	0	0	9	5	0									
17	05	9755	501		512	11	13	83	2	03	1	0	0	9	0	5									
17	08	9751	501		513	11	13	83	2	02	0	0	0	9	0	5									
17	11	9764	000		514	14	04	83	1	01	0	0	0	9	0	5									
17	14	9778	003		510	13	11	83	1	02	0	0	0	9	0	5									
17	17	9790	002		510	00	00	83	1	02	0	0	0	9	0	5									
17	20	9806	001		510	00	00	83	1	02	0	0	0	9	3	5									
17	23	9818	501		511	14	18	83	1	02	0	0	0	9	0	5				15	31	1503	0000	004	503
18	02	9830	002		507			83	1	02	0	0	0	9	0	5									
18	05	9849	002		509	00	00	83	1	02	0	0	0	9	0	5									
18	08	9845	006		505	11	23	83	1	03	0	0	0	9	4	0		3							
18	11	9859	510		500	10	09	83	7	03	2	7	5	6			3								
18	14	9865	014		004	10	11	83	8	03	2	8	5	6			3								
18	17	9869	017		006	00	00	83	8	03	2	8	5	6			3								
18	20	9885	017		005	11	16	83	8	03	2	8	5	6											
18	23	9872	016		004	14	23	83	5	01	1	0	0	9	3	0				13	23	419	0000	016	502

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
19	02	9864	016		004	14	33	83	2	01	0	0	0	9	3	0									
19	05	9859	015		002	14	38	83	6	36	3	0	0	9	3	0									
19	08	9866	016		002	14	35	83	0	36	3	0	0	9	0	0									
19	11	9881	012		501	00	00	83	0	00	0	0	0	9	0	0									
19	14	9912	017		003	14	13	83	0	00	0	0	0	9	0	0									
19	17	9922	015		001	14	19	83	0	00	0	0	0	9	0	0									
19	20	9926	011		503	14	21	83	0	00	0	0	0	9	0	0									
19	23	9949	008		505	14	17	83	5	01	1	0	0	9	0	7				13	52	1538	0000	015	008
20	02	9961	007		505	14	16	83	1	01	0	0	0	9	0	7									
20	05	9957	012		504	10	20	83	7	03	1	0	0	9	0	7			6						
20	08	9985	012		504	09	17	83	8	03	2	0	0	9	0	7									
20	11	9992	012		506	10	22	83	8	03	2	0	0	9	0	7									
20	14	9985	014		503	10	17	82	8	03	2	0	0	9	1	7									
20	17	9966	017		002	10	02	82	8	02	2	0	0	9	7	7									
20	20	9949	018		004	09	34	82	8	02	2	0	0	9	7	7									
20	23	9942	020		007	11	33	82	4	02	2	0	0	9	7	7				10	57	1523	0000	020	007
21	02	9932	021		009	11	34	81	0	36	1	0	0	9	0	0									
21	05	9928	020		016	11	35	40	0	36	3	0	0	9	0	0									
21	08	9924	023		015	11	38	81	8	36	3	0	0	9	1	7									
21	11	9921	024		017	11	43	81	8	36	3	0	0	9	7	7		4							
21	14	9928	027		014	10	36	82	7	01	2	0	0	9	7	4		3	5						
21	17	9936	029		014	11	33	82	8	01	2	2	5	7			2								
21	20	9947	030		013	11	31	83	8	02	2	8	5	7											
21	23	9939	028		012	10	33	85	1	01	0	1	5	7	0	0				10	56	738	0000	050	014
22	02	9929	029		012	10	28	83	1	00	0	1	5	7	0	0									
22	05	9923	025		010	09	35	83	0	01	0	0	0	9	0	0									
22	08	9922	027		010	11	19	83	2	03	0	0	0	9	4	0									
22	11	9929	026		008	11	31	83	1	02	0	0	0	9	3	0									
22	14	9918	028		010	11	13	83	0	02	0	0	0	9	0	0									
22	17	9924	022		006	11	04	83	0	00	0	0	0	9	0	0									
22	20	9926	024		005	11	17	83	0	00	0	0	0	9	0	0									
22	23	9919	023		005	11	25	81	8	03	2	8	5	9						13	44	849	0000	030	021
23	02	9926	023		008	11	23	81	8	00	2	8	5	9											
23	05	9934	022		007	10	07	81	8	02	2	8	5	5											
23	08	9937	021		009	09	13	81	8	02	2	8	5	5											
23	11	9947	020		014	10	17	81	8	00	2	8	5	5											
23	14	9951	021		013	10	13	81	8	02	2	8	5	5											
23	17	9958	022		012	10	06	81	8	02	2	0	0	9	7										
23	20	9964	020		011	10	06	81	6	01	1	0	0	9	7										
23	23	9973	017		007	12	15	83	1	02	0	0	0	9	0	1				10	35	620	0000	023	014
24	02	9974	015		004	11	08	83	1	02	0	0	0	9	0	1									
24	05	9978	012		000	12	13	83	1	02	0	0	0	9	0	2									
24	08	9973	013		001	12	17	83	1	02	0	0	0	9	0	1									
24	11	9973	015		002	11	17	83	6	03	1	0	0	9	0	4									
24	14	9960	013		001	11	16	83	1	01	1	0	0	9	3	0									
24	17	9951	011		501	11	16	83	0	01	1	0	0	9	0	0									
24	20	9943	010		502	12	11	83	0	00	0	0	0	9	0	0				11	29	1506	0000	017	004
24	14	9970	015		001	11	19	83	5	01	1	0	0	9	3	4									
25	02	9934	010		501	12	13	83	0	00	0	0	0	9	0	0									
25	05	9932	011		502	00	00	83	0	00	0	0	0	9	0	0									
25	08	9921	012		001	11	26	83	1	03	0	0	0	9	0	1									
25	11	9924	013		001	11	26	83	1	02	0	0	0	9	3	0									
25	14	9918	020		007	11	26	83	7	03	2	0	0	9	3	3									
25	17	9915	022		008	11	27	83	8	03	2	0	0	9	3	3									
25	20	9921	023		010	11	25	83	8	02	2	0	0	9	3	3									
25	23	9928	025		013	11	31	83	8	02	2	0	0	9	3					10	45	1507	0000	025	009
26	02	9927	024		011	11	32	83	8	02	2	0	0	9	3										
26	05	9935	022		011	11	35	83	8	02	2	0	0	9	3										
26	08	9938	021		011	11	26	82	7	01	2	4	5	6	3		2								
26	11	9943	020		013	11	17	83	7	02	2	2	5	4	7	6	2								
26	14	9945	020		007	11	21	82	7	16	2	3	5	6	7		2		5						
26	17	9941	018		009	12	17	82	7	02	2	5	5	5	7		2	3							
26	20	9942	021		008	11	13	82	7	03	1	7	5	6			2	3							
26	23	9934	019		008	11	15	81	1	01	1	1	5	6	0	0				11	47	751	0000	025	018
27	02	9924	019		008	10	09	81	6	03	1	6	5	6	0	0									
27	05	9919	019		007	11	12	83	8	02	2	0	0	9	7										
27	08	9901	021		007	11	13	83	7	02	2	4	5	6	7										
27	11	9909	020		007	11	14	83	6	02	2	5	5	7	0	2	2								
27	14	9923	020		009	11	09	83	7	02	2	5	5	7	7		2								
27	17	9911	020		012	11	06	83	8	02	2	6	5	7	7		2								
27	20	9918	020		012	11	17	81	8	70	2	8	5	7											
27	23	9918	020		012	11	18	81	8	70	7	8	5	7						11	28	1583	0000	022	014

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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	9919	020		012	11	28	83	8	02	2	8	5	7											
28	05	9926	021		011	11	22	83	8	02	2	8	5	6											
28	08	9937	021		010	11	23	83	8	00	2	8	5	6											
28	11	9941	020		008	12	22	81	8	00	2	8	5	4											
28	14	9945	019		008	12	12	81	8	00	2	8	5	4											
28	17	9948	019		006	12	26	81	8	00	2	8	5	4											
28	20	9948	019		005	12	13	81	8	00	2	8	5	4											
28	23	9949	016		001	12	28	82	7	01	2	7	5	4						11	39	1587	0000	021	015
29	02	9956	013		501	12	28	81	3	01	1	3	5	4											
29	05	9963	012		503	14	11	83	0	01	1	0	0	9	0	0									
29	08	9968	010		505	12	09	83	5	03	1	0	0	9	4	0		3							
29	11	9982	009		506	12	16	83	3	01	0	0	0	9	4	1									
29	14	9992	010		506	12	13	83	4	03	1	0	0	9	4	2			2						
29	17	9997	005		508	12	13	83	4	02	2	0	0	9	0	2			2						
29	20	0011	005		508	13	06	83	1	01	2	0	0	9	3	0		6							
29	23	0022	003		511	12	11	83	0	02	0	0	0	9	0	0				12	38	615	0000	014	002
30	02	0034	003		512	13	13	83	0	02	0	0	0	9	0	0									
30	05	0041	000		514	12	14	83	0	00	0	0	0	9	0	0									
30	08	0051	502		515	12	20	83	0	00	0	0	0	9	0	0									
30	11	0057	501		515	12	17	83	2	03	0	0	0	9	0	5			7						
30	14	0066	001		513	12	19	83	1	02	0	0	0	9	0	8									
30	17	0067	501		514	12	14	83	0	00	0	0	0	9	0	0									
30	20	0070	502		516	11	09	83	0	00	0	0	0	9	0	0									
30	23	0067	500		515	13	09	83	0	00	0	0	0	9	0	0				12	31	496	0000	003	503

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	0067	501		515	00	00	83	0	00	0	0	0	9	0	0									
01	05	0067	503		516	12	05	83	0	00	0	0	0	9	0	0									
01	08	0053	505		516	00	00	83	0	00	0	0	0	9	0	0									
01	11	0044	501		515	12	09	83	0	00	0	0	0	9	0	0									
01	14	0034	500		514	12	11	83	0	00	0	0	0	9	0	0									
01	17	0019	502		515	12	13	83	0	00	0	0	0	9	0	0									
01	20	0008	504		517	12	17	83	0	00	0	0	0	9	0	0									
01	23	9999	501		514	12	16	83	0	00	0	0	0	9	0	0				12	25	1515	0000	002	506
02	02	9995	001		517	12	19	83	0	00	0	0	0	9	0	0									
02	05	9987	003		509	12	20	82	8	02	2	8	5	6											
02	08	9983	007		506	12	10	82	8	02	2	8	5	6											
02	11	9987	007		505	00	00	82	8	00	2	8	5	6											
02	14	9982	007		504	14	09	82	8	02	2	8	5	6											
02	17	9988	009		501	00	00	82	8	02	2	8	5	5											
02	20	9984	006		505	14	01	82	8	02	2	8	5	5											
02	23	9991	005		506	00	00	82	8	02	2	8	5	5						12	31	1544	0000	010	501
03	02	9994	003		508	15	07	82	8	02	2	8	5	5											
03	05	9994	001		511	15	09	82	8	03	2	8	5	6											
03	08	9987	005		506	00	00	82	8	02	2	8	5	5											
03	11	9985	006		504	00	00	82	8	02	2	8	5	5											
03	14	9983	007		503	00	00	82	8	02	2	8	5	5											
03	17	9978	007		503	00	00	82	8	02	2	8	5	5											
03	20	9976	006		503	00	00	82	8	70	2	8	5	5											
03	23	9974	005		501	00	00	82	8	70	2	8	5	5						15	33	347	0000	007	000
04	02	9975	005		503	00	00	83	8	70	2	8	5	5											
04	05	9984	501		509	14	17	82	8	70	2	8	5	5											
04	08	9990	501		511	00	00	83	2	01	2	2	5	5											
04	11	9992	502		512	15	09	83	8	03	1	4	5	6	7										
04	14	9965	501		508	14	12	83	8	01	2	8	5	6	7										
04	17	9956	002		507	00	00	16	8	70	2	8	6	0											
04	20	9878	001		504	10	46	00	8	39	3	8	6	0											
04	23	9862	001		502	10	38	00		39	3									10	67	150	0000	005	505
05	02	9850	003		500	11	39	00		39	3														
05	05	9842	003		000	09	39	00		39	3														
05	08	9859	004		001	10	37	00		39	3														
05	11	9896	003		501	11	22	24	8	36	3	0	0	9	7										
05	14	9919	001		504	11	16	83	7	01	3	0	0	9	7	1									
05	17	9939	003		503	00	00	83	8	03	2	0	0	9	7										
05	20	9943	003		504	00	00	83	7	01	2	2	0	9	7										
05	23	9948	001		508	12	07	83	0	01	2	2	0	9	0	0				12	63	796	0000	004	501
06	02	9950	502		510	00	00	83	0	02	0	0	0	9	0	0									
06	05	9956	504		512	12	04	82	1	03	0	0	0	9	4	0									
06	08	9950	506		513	13	08	82	4	03	1	0	0	9	3	0		3							
06	11	9941	506		514	12	17	82	7	36	3	0	0	9	7	6		2							
06	14	9939	505		513	11	26	12	8	36	3	0	0	9	7			7	6						
06	17	9930	503		510	09	19	32	8	36	3	0	0	9	1			6							
06	20	9889	502		508	09	38	12	4	37	3	0	0	9	1	0									
06	23	9853	500		505	11	52	00		39	3									11	58	496	0000	000	506
07	02	9837	002		502	11	52	00		39	3														
07	05	9834	003		501	11	44	00		39	3														
07	08	9839	005		001	11	31	00		39	3														
07	11	9841	006		002	12	35	04	8	37	3	4	5	7	2	1									
07	14	9846	009		001	12	35	04	8	37	3	5	5	7	2										
07	17	9858	009		501	11	26	12	8	37	3	8	5	7											
07	20	9864	010		502	11	11	40	8	02	2	8	5	7											
07	23	9873				00	00	83	8	00	2	8	5	7						11	59	429	0000		
08	02	9885				00	00	83	8	00	2	8	5	7											
08	05	9885	007		505	00	00	82	8	00	2	8	5	6											
08	08	9887	006		507	00	00	83	7	01	2	2	5	6											
08	11	9889	006		510	11	14	83	7	16	2	2	0	9	7										
08	14	9890	005		509	14	03	83	7	01	2	2	5	6			2								
08	17	9890	005		510	14	03	82	7	02	2	1	5	6			2								
08	20	9898	005		511	00	00	83	1	01	2	1	5	6	0	0	2								
08	23	9905	003		511	00	00	83	7	02	2	7	5	6						11	15	618	0024		
09	02	9914	003		515	00	00	83	8	02	2	8	5	6											
09	05	9922	002		512	00	00	82	8	02	2	8	5	6											
09	08	9908	000		514	00	00	83	2	01	1	0	0	9	3	0									
09	11	9917	501		512	00	00	83	7	03	1	1	0	9	3	0		3							
09	14	9918	500		513	00	00	83	5	01	1	1	0	9	3	0									
09	17	9922	501		513	00	00	83	8	15	1	1	0	9	2	3									
09	20	9933	500		514	00	00	83	8	02	2	2	0	9	3	3									
09	23	9940	501		511	00	00	83	8	02	2	2	0	9	3	3				13	03	294	0000	003	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	9947	503		513	13	07	83	8	02	2	8	5	6											
10	05	9946	503		517	13	15	83	8	00	2	8	5	6											
10	08	9941	504		510	13	17	83	8	00	2	8	5	6											
10	11	9951	503		514	13	17	32	8	71	7	8	5	5											
10	14	9960	500		519	13	03	81	7	01	2	4	5	5	2	1									
10	17	9948	501		519	12	20	83	3	36	3	0	0	9	5	0									
10	20	9923	501		517	12	30	83	07	36	3	0	0	9	0	07									
10	23	9921	003		513	13	44	83	7	36	3	0	0	9	0	7				13	56	180	0000	004	504
11	02	9916	005		511	13	45	83	7	36	3	0	0	9	0	7									
11	05	9911	009		507	13	34	82	7	02	2	0	0	9	0	7									
11	08	9913	012		503	14	26	82	78	02	2	08	05	94											
11	11	9908	013		502	14	31	81	88	36	3	88	55	45											
11	14	9895	014		503	13	36	81	88	02	2	88	55	55											
11	17	9887	016		503	14	37	80	88	02	2	88	55	59											
11	20	9886	015		502	14	35	81	88	02	2	00	00	99	1										
11	23	9876	016		000	14	41	81	8	02	2	0	0	9	1					14	56	795	0000	017	004
12	02	9878	017		000	14	40	81	84	02	2	0	0	9	1	8									
12	05	9874	016		502	14	42	81	4	01	2	0	0	9	0	07									
12	08	9873	016		504	14	26	83	0	01	2	0	0	9	0	07									
12	11	9874	017		505	14	23	82	8	02	2	0	0	9	0	07			6						
12	14	9878	017		507	14	25	82	8	02	2	0	0	9	0	77									
12	17	9878	016		508	14	14	82	8	02	2	0	0	9	0	77			6						
12	20	9874	013		508	14	22	83	8	02	2	0	0	9	0	77			6						
12	23	9868	013		502	14	17	83	1	01	1	0	0	9	0	8				14	58	021	0000	017	010
13	02	9864	009		505	14	16	83	3	03	2	0	0	9	0	8									
13	05	9846	006		506	15	17	83	8	02	2	0	0	9	0	86									
13	08	9843	005		508	15	10	83	33	01	1	0	0	9	0	85									
13	11	9828	005		508	14	16	83	3	02	1	0	0	9	0	85									
13	14	9832	004		508	14	16	83	4	03	1	0	0	9	0	50									
13	17	9825	000		511	16	22	83	0	01	0	0	0	9	0	00									
13	20	9826	001		510	16	07	83	0	02	0	0	0	9	0	00									
13	23	9822	501		512	17	25	83	0	02	0	0	0	9	0	0				16	36	688	0000	012	501
14	02	9834	501		513	17	11	83	0	02	0	0	0	9	0	0									
14	05	9840	503		513	00	00	83	0	02	2	0	0	9	0	06									
14	08	9849	504		515	00	00	83	0	02	2	0	0	9	0	65									
14	11	9858	501		515	00	00	83	1	01	1	0	0	9	0	65									
14	14	9868	501		514	00	00	83	7	03	2	0	0	9	0	66			6						
14	17	9871	502		515	00	00	83	7	02	2	0	0	9	0	66			6						
14	20	9880	504		517	00	00	83	5	02	2	0	0	9	0	66			6						
14	23	9886	504		517	00	00	83	6	02	2	0	0	9	0	6			6	16	26	1515	0000	001	505
15	02	9897	504		517	00	00	83	1	01	1	0	0	9	0	5									
15	05	9899	002		512	14	09	82	4	02	1	0	0	9	3	0									
15	08	9907	001		511	00	00	83	1	01	1	0	0	9	3	0									
15	11	9911	000		511	00	00	83	1	01	0	0	0	9	3	0									
15	14	9922	000		511	00	00	83	1	01	0	0	0	9	3	0									
15	17	9913	503		511	00	00	83	1	01	0	0	0	9	3	0									
15	20	9898	002		508	13	10	83	5	03	1	0	0	9	0	8									
15	23	9882	000		509	13	16	83	1	01	1	0	0	9	0	8				13	28	220	0000	003	504
16	02	9873	001		510	13	16	83	7	03	1	0	0	9	0	7									
16	05	9870	000		510	14	09	83	0	00	0	0	0	9	0	0									
16	08	9862	504		514	15	05	83	0	00	0	0	0	9	0	0									
16	11	9857	505		514	16	17	83	0	00	0	0	0	9	0	0									
16	14	9850	505		515	14	16	83	0	00	0	0	0	9	0	0									
16	17	9841	507		517	15	17	83	0	00	0	0	0	9	0	0									
16	20	9820	507		515	15	13	83	0	00	0	0	0	9	0	0									
16	23	9809	505		515	00	00	83	0	00	0	0	0	9	0	0				16	32	447	0000	001	508
17	02	9810	505		515	00	00	83	0	00	0	0	0	9	0	0									
17	05	9813	505		514	00	00	83	0	02	0	0	0	9	0	0									
17	08	9820	505		514	00	00	83	0	02	0	0	0	9	0	0									
17	11	9837	505		515	00	00	83	0	02	0	0	0	9	0	0									
17	14	9853	506		518	12	14	83	1	03	2	1	5	6	0	0	7								
17	17	9879	506		514	13	14	82	7	03	2	7	5	6	6	5									
17	20	9904	504		511	13	07	82	8	02	2	8	5	5	5										
17	23	9921	505		511	13	13	82	8	70	7	8	5	5						13	24	333	0000	505	508
18	02	9937	503		510	13	02	82	88	70	77	88	55	56											
18	05	9966	509		509	16	09	82	88	71	77	88	55	65											
18	08	9966	508		510	16	05	80	8	71	73	8	5	5											
18	11	9979	514		515	15	20	00		38	73														
18	14	9992	518		518	15	25	00		71	73														
18	17	0003	521		521	15	39	00	3	38	33	0	0	9	7	0									
18	20	0008	520		520	15	42	00	0	38	3	0	0	9	0	0									
18	23	0025	514		518	00	00	83	0	01	3	0	0	9	0	0				15	44	418	0000	503	521

Results of Surface Observations,
MAWSON — May, 1957

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	0033	517		520	00	00	83	0	00	0	0	0	9	0	0									
19	05	0032	517		520	00	00	83	0	02	0	0	0	9	0	0									
19	08	0039	516		520	00	00	83	0	00	0	0	0	9	0	0									
19	11	0032	515		521	00	00	83	8	03	0	0	0	9	0	7									
19	14	0034	514		519	00	00	83	3	01	0	0	0	9	0	7									
19	17	0031	513		519	00	00	83	8	03	2	8	5	6											
19	20	0019	511		520	00	00	83	0	01	0	0	0	9	0	0									
19	23	0003	508		514	14	09	08		39	3									14	20	480	0000	507	519
20	02	9970	503		500	14	22	01		39	3														
20	05	9927	503		504	13	50	00		39	3														
20	08	9902	001		501	12	65	00		39	3														
20	11	9882	006		005	13	44	00		39	3														
20	14	9860	008		008	13	48	00		39	3														
20	17	9846	010		010	13	51	00		39	3														
20	20	9816	010		010	13	62	00		39	3														
20	23	9788	013		013	13	51	00		39	3											630	0000	013	503
21	02	9766	013		013	13	53	00		39	3														
21	05	9761	013		013	13	57	00		39	3														
21	08	9754	012		012	13	55	00		39	3														
21	11	9771	012		012	13	52	09		39	3														
21	14	9797	012		012	13	40	00	8	38	3	0	0	9	2										
21	17	9813	012		012	13	35	00	8	38	3	0	0	9	2										
21	20	9823	012		008	13	25	80	8	36	3	0	0	9	2										
21	23	9820	012		008	13	25	83	8	02	2	0	0	9	2							039	0000	013	011
22	02	9817	010		004	13	20	83	8	02	2	0	0	9	2										
22	05	9813	008		002	13	27	83	8	00	2	0	0	9	2	7									
22	08	9802	010		004	13	10	83	8	00	2	0	0	9	2										
22	11	9801	009		503	13	10	82	8	00	2	8	5	6											
22	14	9805	008		505	00	00	82	8	00	2	8	5	6											
22	17	9803	008		503	00	00	82	8	00	2	8	5	6											
22	20	9809	008		505	14	09	82	8	00	2	8	5	6											
22	23	9835	005		507	14	11	82	8	00	2	8	5	6						14	26	828	0124	011	005
23	02	9878	006		506	14	12	82	8	00	2	8	5	6											
23	05	9918	006		504	15	30	82	8	02	2	8	5	6											
23	08	9974	007		501	15	08	81	8	71	7	8	5	5											
23	11	0011	007		502	00	00	80	8	71	7	8	5	5											
23	14	0025	007		505	17	14	83	5	01	1	5	5	8	0	0	2								
23	17	0046	012		501	14	15	81	7	71	7	7	5	8			2								
23	20	0062	015		008	15	22	16		38	3														
23	23	0079	016		010	15	21	80	8	36	3	8	5	8						14	32	449	0000	016	005
24	02	0098	016		006	15	17	80	8	36	3	8	5	8											
24	05	0112	017		006	15	10	82	3	36	3	0	0	9	7	0		6							
24	08	0116	012		003	14	22	82	2	36	3	0	0	9	7	0									
24	11	0117	010		002	14	30	81	5	38	3	0	0	9	7	0		3							
24	14	0118	007		501	14	33	82	1	36	3	0	0	9	7	0									
24	17	0109	010		001	14	22	83	0	36	3	0	0	9	0	0									
24	20	0116	011		501	14	25	83	0	00	3	0	0	9	0	0									
24	23	0100	006		504	15	35	83	0	00	3	0	0	9	0	0				16	60	1549	0000	019	005
25	02	0102	007		506	16	34	83	0	00	0	0	0	9	0	0									
25	05	0099	005		507	15	35	83	0	00	0	0	0	9	0	0									
25	08	0078	006		506	15	44	83	0	00	0	0	0	9	0	0									
25	11	0064	006		506	16	42	83	0	00	0	0	0	9	0	0									
25	14	0063	006		506	16	35	83	0	00	0	0	0	9	0	0									
25	17	0054	005		509	16	33	83	0	00	0	0	0	9	0	0									
25	20	0048	007		510	16	26	83	0	00	0	0	0	9	0	0									
25	23	0052	007		509	16	23	83	8	02	0	8	5	5						15	55	810	0000	015	003
26	02	0058	013		508	15	26	83	8	02	0	8	5	5											
26	05	0059	015		501	14	17	82	0	00	0	0	0	9	0	0									
26	08	0061	016		002	13	33	82		71	7														
26	11	0071	014		003	13	26	82	8	36	3	8	5	4											
26	14	0074	014		008	13	36	24	8	38	3	8	5	5											
26	17	0083	016		010	13	35	32	8	37	3	8	5	5											
26	20	0081	015		011	13	34	00		39	3														
26	23	0070	017		011	13	37	80	8	36	3	8	5	5						13	63	778	0000	018	007
27	02	0049	021		007	13	32	82	8	02	3	8	5	5											
27	05	0037	024		005	13	15	83	8	02	2	8	5	6											
27	08	0009	018		001	16	31	83	8	02	2	8	5	6											
27	11	9965	017		001	16	31	83	5	03	2	0	0	9	0	5									
27	14	9945	019		003	16	05	83	1	01	1	0	0	9	0	8									
27	17	9918	020		000	00	00	83	1	02	1	0	0	9	0	8									
27	20	9924	012		503	14	14	83	0	01	1	0	0	9	0	0									
27	23	9953	007		507	14	21	83	0	00	0	0	0	9	0	0				15	48	909	0000	025	004

Results of Surface Observations,
MAWSON – May, 1957

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	9958	007		510	14	25	83	0	00	0	0	0	9	0	0									
28	05	9962	005		511	14	28	83	0	00	0	0	0	9	0	0									
28	08	9974	003		513	14	28	83	0	00	0	0	0	9	0	0									
28	11	9983	004		513	14	32	83	1	00	0	0	0	9	3	0									
28	14	0000	003		516	14	28	83	2	03	0	0	0	9	3	1									
28	17	0013	002		518	14	22	83	3	03	0	0	0	9	3	0									
28	20	0019	500		517	14	29	83	0	01	1	0	0	9	0	0									
28	23	0021	000		518	14	28	83	0	01	0	0	0	9	0	0				14	45	673	0000	007	502
29	02	0019	501		517	14	23	83	0	00	0	0	0	9	0	0									
29	05	0019	001		515	12	23	83	4	02	2	0	0	9	4	0		6							
29	08	0007	002		513	14	35	83	0	01	1	0	0	9	0	0									
29	11	0006	004		511	14	35	63	6	03	2	0	0	9	2			2							
29	14	9995	005		509	13	33	83	7	02	3	2	5	3	7		2	2							
29	17	9979	008		508	12	42	82	8	03	2	0	0	9	2										
29	20	9979	009		507	13	45	82	8	02	2	0	0	9	0	0									
29	23	9979	010		501	13	52	82	0	02	2	0	0	9	0	0				15	69	687	0026	010	501
30	02	9988	012		502	13	57	82	0	36	3	0	0	9	0	0									
30	05	0014	012		003	13	57	82	8	36	3	0	0	9	2										
30	08	0030	013		005	13	49	82	4	36	3	0	0	9	2	7									
30	11	0044	014		501	13	52	82	7	03	2	0	0	9	7										
30	14	0045	015		501	13	53	82	7	02	2	7	5	6			3								
30	17	0045	015		503	13	51	82	7	02	2	7	5	5			3								
30	20	0048	016		000	13	45	82	8	02	2	8	5	5			3								
30	23	0049	018		001	13	38	83	0	00	2	0	0	9	0	0				13	74	141	0000	016	011
31	02	0049	018		501	13	31	83	0	00	0	0	0	9	0	0									
31	05	0042	014		503	13	33	83	0	00	0	0	0	9	0	0									
31	08	0026	016		501	13	35	83	7	00	0	0	0	9	2	7									
31	11	0006	017		501	13	35	83	8	02	2	0	0	9	7										
31	14	0003	020		002	13	22	83	7	01	2	6	5	6	0	1									
31	17	9992	013		504	14	31	83	8	03	2	7	5	6											
31	20	9987	011		505	14	33	83	6	01	2	6	5	6	0	0									
31	23	9974	012		506	14	26	83	0	01	0	0	0	9	0	0				15	53	054	0000	020	011

Results of Surface Observations,
MAWSON — Jun., 1957

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	9973	017		504	13	26	83	0	00	0	0	0	9	0	0									
01	05	9974	016		504	13	28	83	0	00	0	0	0	9	0	0									
01	08	9978	015		504	14	30	83	1	03	0	0	0	9	3	0									
01	11	9981	018		504	13	33	83	7	03	2	2	0	9	3	0									
01	14	9979	019		503	13	31	83	7	03	2	2	0	9	0	6		2							
01	17	9990	018		504	13	28	83	4	01	2	2	0	9	0	5			6						
01	20	9997	020		501	13	19	83	0	00	0	0	0	9	0	0									
01	23	9996	022		500	13	28	83	8	03	1	0	0	9	2					13	43	706	0000	022	012
02	02	9998	021		005	14	26	83	8	36	2	0	0	9	2										
02	05	0001	022		008	14	33	82	8	70	2	0	0	9	2										
02	08	0008	021		008	14	33	80	8	71	7	0	0	9	2										
02	11	0012	019		015	13	25	02		73	7														
02	14	0015	019		015	13	23	01		74	7														
02	17	0015	018		015	13	20	01		74	7														
02	20	0017	018		015	13	19	04		71	7														
02	23	0010	018		010	13	22	82	8	02	7	8	6	6						13	44	480	0000	023	017
03	02	0010	016		007	13	07	83	6	02	2	8	6	6											
03	05	9999	015		006	13	05	83	8	71	7	8	5	5											
03	08	9979	013		002	17	11	83	8	71	7	8	5	5											
03	11	9972	013		502	16	04	82	8	02	2	8	5	6											
03	14	9962	011		503	16	17	82	8	00	2	8	5	6											
03	17	9956	007		506	18	22	82	5	01	2	6	5	6											
03	20	9952	005		506	18	22	82	0	01	2	0	0	9											
03	23	9951	003		504	18	35	82	0	00	0	0	0	9	0	0				18	46	498	0000	018	002
04	02	9961	002		506	18	30	82	0	00	0	0	0	9	0	0									
04	05	9959	003		505	16	19	83	0	36	3	0	0	9	0										
04	08	9955	005		505	17	23	82	8	71	7	8	5	5											
04	11	9960	005		506	13	22	30	8	36	3	8	5	5											
04	14	9965	004		507	13	17	83	8	02	3	8	5	5											
04	17	9968	004		507	13	20	82	8	02	2	8	5	6											
04	20	9970	002		509	12	23	82	4	03	1	0	0	9	5				7						
04	23	9978	002		507	13	31	08	0	37	2	0	0	9	0					13	44	1584	0000	005	001
05	02	9962	004		503	13	31	08	0	37	3	0	0	9	0	0									
05	05	9938	007		501	13	39	08	0	37	3	0	0	9	0	7									
05	08	9898	010		001	13	51	82	8	03	3	0	0	9											
05	11	9888	012		003	14	52	24	8	38	3	0	5	5											
05	14	9858	013		003	14	61	40	8	36	3	0	0	9	1										
05	17	9826	012		003	13	66	40	8	36	3	0	0	9	1										
05	20	9845	012		010	13	70	00		39	3														
05	23	9849				13	70	00		39	3											747	0000		
06	02	9865				13	70	00		39	3														
06	05	9891	012		009	13	79	00		39	3														
06	08	9913	013		010	13	79	00		39	3														
06	11	9922	014		013	13	70	00		39	3														
06	14	9926	014		013	13	70	00		39	3														
06	17	9914	015		014	13	75	00		39	3														
06	20	9862	017		014	13	88	00		39	3														
06	23	9803	012		011	13	90	00		39	3											1507	0000		
07	02	9747	015		014	13	92	00		39	3														
07	05	9708	014		014	13	95	00		39	3														
07	08	9686	014		014	13	95	00		39	3														
07	11	9741	015		013	13	95	00		39	3														
07	14	9792	013		012	13	85	00		39	3														
07	17	9827	012		011	13	90	00		39	3														
07	20	9863	016		015	13	85	00		39	3														
07	23	9896	016		015	13	85	00		39	3											678	0000		
08	02	9909	014		013	13	90	00		39	3														
08	05	9924	014		013	13	95	00		39	3														
08	08	9927	015		014	13	90	00		39	3														
08	11	9946	015		014	13	60	00		39	3														
08	14	9956	015		014	13	55	00		39	3														
08	17	9962	016		015	13	65	00		39	3														
08	20	9967	016		016	13	45	00		39	3											418	0596		
08	23	9964	018		017	13	50	00		39	3														
09	02	9986	017		015	13	45	83	4	02	3	0	0	9	7										
09	05	0001	017		013	13	40	83	4	02	2	0	0	9	7										
09	08	0014	016		011	13	45	83	6	03	2	0	0	9	7										
09	11	0031	016		005	13	35	83	6	00	2	0	0	9	7										
09	14	0031	017		005	13	40	83	5	00	2	0	0	9	7										
09	17	0052	017		005	13	40	83	7	03	2	0	0	9	7										
09	20	0070	015		004	13	40	83	7	00	2	0	0	9	7										
09	23	0085	012		000	14	28	83	0	01	0	0	0	9	0	0						046	0000	017	010

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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	0087	012		001	14	22	83	0	02	0	0	0	9	0	0									
10	05	0102	010		501	14	22	83	0	02	0	0	0	9	0	0									
10	08	0104	006		504	14	22	83	0	02	0	0	0	9	0	0									
10	11	0104	007		507	14	13	83	0	00	0	0	0	9	0	0									
10	14	0093	007		504	00	00	83	2	03	0	0	0	9	0	2									
10	17	0088	005		507	00	00	83	0	02	0	0	0	9	0	0									
10	20	0079	005		507	00	00	83	0	02	0	0	0	9	0	0									
10	23	0065	005		506	00	00	83	0	02	0	0	0	9	0	0				14	39	662	0000	012	003
11	02	0065	005		505	00	00	83	0	02	0	0	0	9	0	0									
11	05	0060	005		506	00	00	83	0	02	0	0	0	9	0	0									
11	08	0058	005		505	00	00	83	0	02	0	0	0	9	0	0									
11	11	0026	013		003	10	19	83	0	02	0	0	0	9	0	0									
11	14	0064	014		002	10	18	83	1	02	0	0	0	9	0	1			3						
11	17	0079	013		001	10	17	83	1	02	0	0	0	9	0	1			3						
11	20	0086	015		001	00	00	83	4	03	1	0	0	9	0	4			2						
11	23	0090	014		000	00	00	83	0	01	1	0	0	9	0	0						198	0000	017	004
12	02	0095	013		501	17	20	83	2	03	0	0	0	9	0	8									
12	05	0094	011		503	17	22	83	0	00	0	0	0	9	0	0									
12	08	0100	012		502	18	18	83	0	00	0	0	0	9	0	0									
12	11	0110	013		504	13	14	83	4	03	1	0	0	9	0	5									
12	14	0097	010		505	13	15	83	2	01	1	0	0	9	0	8									
12	17	0096	008		507	00	00	83	0	00	0	0	0	9	0	0									
12	20	0094	005		509	00	00	83	0	00	0	0	0	9	0	0									
12	23	0085	003		511	17	06	83	0	02	0	0	0	9	0	0				18	34	410	0000	015	003
13	02	0073	001		512	17	11	83	0	02	0	0	0	9	0	0									
13	05	0068	003		510	00	00	83	0	02	0	0	0	9	0	0									
13	08	0060	002		511	00	00	83	0	02	0	0	0	9	0	0									
13	11	0053	003		509	00	00	83	0	00	0	0	0	9	0	0			7						
13	14	0049	003		510	00	00	83	1	03	0	0	0	9	0	1									
13	17	0026	002		511	00	00	83	1	02	0	0	0	9	0	2									
13	20	0014	001		511	00	00	83	2	02	0	0	0	9	0	2									
13	23	0001	001		511	14	22	83	6	03	2	0	0	9	0	6				14	29	232	0000	005	501
14	02	9995	004		511	14	13	83	5	02	2	0	0	9	0	6									
14	05	9991	003		511	15	14	83	7	03	2	0	0	9	0	6			6						
14	08	9994	000		514	12	25	83	3	02	2	0	0	9	0	5		6							
14	11	9997	501		513	13	30	83	8	03	2	0	0	9	8	7		6							
14	14	0005	503		512	12	24	83	8	03	2	0	0	9	7	7		5							
14	17	0005	503		512	11	18	82	9	02	2	0	0	9	7	2									
14	20	0001	503		512	13	12	82	9	02	2	0	0	9	7	2									
14	23	9991	002		506	10	22	82	8	02	2	0	0	9	2	2				13	38	262	0000	004	503
15	02	9978	501		509	13	35	83	0	01	0	0	0	9	0	0									
15	05	9980	501		512	13	39	83	0	02	0	0	0	9	0	0									
15	08	9975	000		511	13	41	83	8	03	1	0	0	9	0	7									
15	11	9983	003		509	14	45	83	8	36	3	0	0	9	7	7									
15	14	9979	005		506	14	44	82	8	36	3	0	0	9	7	7									
15	17	9984	005		505	14	47	82	6	36	3	0	0	9	2	2									
15	20	0000	006		505	14	39	82	8	36	3	0	0	9	2	2									
15	23	0011	007		504	15	32	82	8	02	3	0	0	9	2	7				14	71	660	0000	009	501
16	02	0018	009		503	15	23	81	8	70	7	8	5	6											
16	05	0025	010		502	14	19	81	8	02	7	8	5	6											
16	08	0025	012		001	14	30	82	8	02	2	8	5	6											
16	11	0032	014		005	14	31	82	8	02	2	8	5	5											
16	14	0029	013		005	14	31	24	8	36	3	8	5	5											
16	17	0025	013		007	14	44	16	9	36	3	8	5	5											
16	20	0042	014		007	14	44	16	9	36	3	8	5	5											
16	23	0045	014		003	14	39	83	8	02	2	8	5	9						13	59	904	0000	015	006
17	02	0060	016		006	15	32	83	8	02	2	8	5	5											
17	05	0067	012		002	15	30	82	8	02	2	0	0	9	1										
17	08	0059	009		501	16	39	82	8	02	2	0	0	9	1										
17	11	0052	009		501	16	33	83	8	02	2	0	0	9	1										
17	14	0032	015		002	13	33	82	8	02	2	8	5	5											
17	17	0031	017		005	13	35	82	9	02	2	8	5	5											
17	20	0033	015		006	13	40	82	8	02	2	8	5	5											
17	23	0014	016		006	13	40	83	8	02	2	8	5	5						13	60	860	0000	017	009
18	02	0010	016		005	13	44	83	8	02	2	0	0	9	0	7									
18	05	0016	015		005	13	45	83	8	02	2	0	0	9	0	7									
18	08	0013	017		005	13	42	83	8	02	2	0	0	9	0	7									
18	11	0019	018		005	14	38	83	8	02	2	8	5	5											
18	14	0014	019		006	14	39	83	8	02	2	4	6	4	2										
18	17	0022	017		001	13	31	83	8	02	2	0	0	9	2										
18	20	0037	015		000	13	19	83	8	02	2	0	0	9	2										
18	23	0035	016		000	13	15	83	0	00	1	0	0	9	0	0				13	65	989	0000	019	014

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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	0040	013		002	13	19	83	0	00	0	0	0	9	0	0									
19	05	0046	009		505	17	35	83	0	02	0	0	0	9	0	0									
19	08	0040	015		502	00	00	83	0	00	0	0	0	9	0	0									
19	11	0034	012		503	00	00	83	0	00	0	0	0	9	0	0									
19	14	0034	008		506	11	23	83	0	00	0	0	0	9	0	0									
19	17	0022	009		503	00	00	83	0	00	0	0	0	9	0	0									
19	20	0011	011		501	00	00	83	0	00	0	0	0	9	0	0									
19	23	9975	006		505	00	00	83	0	00	0	0	0	9	0	0				20	45	765	0000	015	010
20	02	9960	003		508	18	22	83	0	02	0	0	0	9	0	0									
20	05	9946	000		511	13	26	83	0	02	0	0	0	9	0	0									
20	08	9915	501		512	13	31	83	0	02	0	0	0	9	0	0									
20	11	9909	500		511	17	05	82	1	03	3	1	5	4	0	0		2							
20	14	9879	504		510	11	30	82	1	03	3	1	5	4	0	0									
20	17	9871	505		513	09	14	83	1	02	1	1	5	4	0	0									
20	20	9844	500		507	10	09	83	0	02	1	0	5	9	0	0									
20	23	9824	501		505	09	03	83	0	02	1	0	0	9	0	0				13	54	285	0000	006	005
21	02	9803	001		503	13	13	82	8	70	7	8	5	4	0	0									
21	05	9807	503		507	04	10	83	0	02	7	0	0	9	0	0									
21	08	9826	504		508	00	00	83	0	03	1	0	0	9	5	0		5							
21	11	9836	508		512	11	24	81	5	36	3	5	5	6	0	0	5								
21	14	9853	509		512	10	26	80	1	36	3	1	5	6	0	0									
21	17	9859	510		514	12	23	81	1	36	3	1	5	6	0	0									
21	20	9856	508		512	12	14	83	0	00	0	0	0	9	0	0									
21	23	9858	507		513	00	00	82	8	03	2	8	5	6						16	34	323	0000	002	510
22	02	9857	504		510	00	00	82	8	02	2	8	5	5											
22	05	9844	502		506	00	00	81	8	70	7	8	5	5											
22	08	9852	501		504	00	00	80	8	71	7	8	5	5											
22	11	9842	500		502	00	00	80	8	71	7	8	5	5											
22	14	9827	001		502	00	00	80	8	71	7	8	5	5											
22	17	9808	017		017	09	26	80	8	36	3	8	5	5											
22	20	9815	021		012	10	42	83	0	00	0	0	0	9											
22	23	9809	021		009	13	33	83	0	01	0	0	0	9	0	0				12	51	326	0000	032	505
23	02	9804	019		007	13	30	83	0	02	0	0	0	9											
23	05	9803	018		007	14	26	83	7	03	1	7	5	6											
23	08	9801	019		008	12	35	83	8	03	2	8	5	6											
23	11	9806	019		011	12	21	80	8	02	2	8	5	6											
23	14	9809	021		011	12	23	82	8	15	2	8	5	6											
23	17	9812	020		010	11	25	82	8	02	2	8	5	6											
23	20	9808	022		010	11	29	82	8	02	2	8	5	6											
23	23	9799	021		013	12	31	16	8	36	3	8	5	5						13	48	1574	0019	032	017
24	02	9800	021		017	12	35	80	8	02	3	8	5	5											
24	05	9800	021		020	12	31	40	8	36	3	8	5	4											
24	08	9789	022		021	11	35	01		38	3														
24	11	9790	023		023	10	31	16	8	38	3	8	5	5											
24	14	9790	024		024	10	31	04		38	3														
24	17	9797	025		025	10	22	00		38	3														
24	20	9805	024		024	08	22	00		38	3														
24	23	9814	024		021	09	26	80	3	36	3	3	5	5	0	0				11	49	742	0000	025	021
25	02	9813	022		021	12	31	80	6	36	3	6	5	5	0										
25	05	9817	021		018	10	40	08	0	36	3	0	0	9	0	0									
25	08	9819	021		018	10	31	08	0	36	3	0	0	9	0	0									
25	11	9827	022		019	10	30	08	5	36	3	0	0	9	1	0									
25	14	9840	022		021	10	40	08	0	37	3	0	0	9	0	0									
25	17	9851	023		020	10	40	80		37	3														
25	20	9886	019		018	08	11	83	0	00	0	0	0	9	0	0									
25	23	9814	019		017	06	14	83	7	03	2	0	0	9	0	5			6	16	44	859	0004	024	018
26	02	9905	020		017	08	16	83	6	01	2	0	0	9	0	5			6						
26	05	9921	019		014	06	06	83	4	03	2	0	0	9	0	5			6						
26	08	9913	019		011	10	35	08	4	36	3	0	0	9	0	5									
26	11	9910	022		009	10	31	83	4	01	3	0	0	9	0	5	1								
26	14	9904	021		005	11	35	83	4	02	2	0	0	9	3	5		2	7						
26	17	9897	021		005	11	42	83	3	02	2	0	0	9	3	5		2	6						
26	20	9895	020		008	11	40	83	2	02	2	0	0	9	3	5			6						
26	23	9899	017		010	11	38	83	1	01	2	0	0	9	0	5			6	11	70	633	0000	022	015
27	02	9890	016		013	11	42	04	8	37	3	0	0	9	1										
27	05	9885	019		012	12	48	40	8	36	3	0	0	9	1										
27	08	9879	018		012	11	45	81	8	38	3	0	0	9	2										
27	11	9883	018		013	11	34	81	8	38	3	0	0	5											
27	14	9896	021		006	11	22	81	8	02	2	8	5	4											
27	17	9898	012		003	13	26	81	8	02	2	8	5	4											
27	20	9899	010		000	13	21	81	8	02	2	8	5	4											
27	23	9883	009		501	13	22	83	0	01	1	0	0	9	0	0				13	53	890	0009	021	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
28	02	9885	008		503	13	17	83	0	00	0	0	0	9	0	0									
28	05	9886	007		503	13	16	83	0	00	0	0	0	9	0	0									
28	08	9884	009		502	11	13	83	0	00	0	0	0	9	0	0									
28	11	9878	009		502	12	16	83	0	00	0	0	0	9	0	0									
28	14	9877	007		507	12	17	83	0	00	0	0	0	9	0	0									
28	17	9886	005		507	12	25	83	0	00	0	0	0	9	0	0									
28	20	9887	005		503	12	26	83	0	02	0	0	0	9	0	0									
28	23	9889	008		502	12	18	83	0	00	0	0	0	9	0	0				10	36	1588	0000	010	005
29	02	9897	008		000	10	19	83	8	03	2	0	0	9	1										
29	05	9891	009		001	10	24	83	8	02	2	8	5	5											
29	08	9895	009		004	10	17	40		71	7														
29	11	9895	010		005	10	22	82	8	71	7	8	5	5											
29	14	9897	010		000	11	24	82	8	71	7	0	0	9	7										
29	17	9889	011		002	12	20	81	8	02	7	0	0	9	7										
29	20	9875	010		502	13	24	82	5	02	2	0	0	9	3	0									
29	23	9860	005		506	13	32	82	5	02	2	0	0	9	7	0				13	52	1520	0000	014	005
30	02	9839	006		505	13	26	82	4	02	2	0	0	9	1	0									
30	05	9814	012		000	13	25	83	6	02	2	0	0	9	1										
30	08	9815	013		006	14	18	83	8	02	2	8	5	4											
30	11	9792	013		012	11	36	00		39	3														
30	14	9776	016		009	12	39	40	8	02	3	8	5	3											
30	17	9767	015		009	12	50	40	8	02	3	8	5	3											
30	20	9794	015		004	12	45	40	8	02	2	8	5	4											
30	23	9795	015		001	12	52	40	8	02	2	8	5	4						12	68	615	0000	017	004

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
01	02	9810	015		002	12	45	83	3	01	0	3	5	4	0	0									
01	05	9835	017		002	12	31	83	7	00	2	7	0	6											
01	08	9841	018		002	12	19	83	8	02	2	7	0	9	1										
01	11	9856	017		003	12	16	82	8	02	2	4	5	5	1										
01	14	9860	015		005	12	19	80	8	71	2	7	5	3											
01	17	9852	015		007	12	33	82	5	01	2	7	5	3	0	0									
01	20	9867	013		005	10	33	80	8	71	2	7	5	3											
01	23	9855	011		009	10	42	83	8	36	3	0	0	9	2					12	65	999	0006	018	011
02	02	9859	013		004	09	38	83	8	02	3	0	0	9	2										
02	05	9868	012		002	10	43	83	8	02	2	0	0	9	2										
02	08	9875	012		003	10	45	83	8	02	2	0	0	9	2										
02	11	9882	010		003	10	45	82	8	36	3	8	5	3											
02	14	9890	011		006	10	45	81	8	38	3	0	0	9	7										
02	17	9898	011		001	10	47	82	8	02	3	0	0	9	1										
02	20	9896	010		501	10	45	82	6	01	2	0	0	9	1										
02	23	9911	010		502	11	38	83	3	01	0	0	0	9	1	0				11	61	838	0000	013	009
03	02	9905	010		502	11	33	83	1	02	0	0	0	9	1	0									
03	05	9894	010		502	12	35	82	8	02	2	0	0	9	1										
03	08	9854	013		000	12	31	82	8	02	2	0	0	9	2										
03	11	9825	014		001	12	24	82	8	02	2	8	5	6			2								
03	14	9798	014		001	12	31	82	8	02	2	8	5	5											
03	17	9774	016		004	11	31	82	8	02	2	8	5	5											
03	20	9760	016		015	12	35	01	8	71	2	8	5	5											
03	23	9750	015		003	12	35	01	8	36	3	8	5	4						11	58	104	0001	020	010
04	02	9759	015		001	12	35	83	8	02	3	8	5	4											
04	05	9767	020		004	11	44	83	8	02	2	8	5	4											
04	08	9786	020		004	11	37	83	8	02	2	8	5	4											
04	11	9794	020		004	12	42	83	8	02	2	8	5	4											
04	14	9815	020		005	12	31	83	8	02	2	8	5	4											
04	17	9851	021		006	12	21	83	8	02	2	8	5	4											
04	20	9854	020		006	12	26	83	8	02	2	8	5	4											
04	23	9874	017		004	12	23	83	8	02	2	8	5	4						12	60	805	0000	021	016
05	02	9880	015		001	13	25	83	8	02	2	8	5	5											
05	05	9886	014		000	12	29	83	8	02	2	8	5	6											
05	08	9895	013		501	12	26	83	8	02	2	8	5	6											
05	11	9893	013		501	12	31	83	8	02	2	8	5	6											
05	14	9899	010		503	11	27	82	8	02	2	8	5	6											
05	17	9888	012		501	11	20	82	8	02	2	8	5	6											
05	20	9882	012		502	11	22	82	8	02	2	8	5	6											
05	23	9872	010		504	11	25	82	8	02	2	8	5	6						11	44	719	0000	017	009
06	02	9864	009		504	11	28	82	8	02	2	8	5	6											
06	05	9848	008		505	12	28	82	8	02	2	8	5	6											
06	08	9830	008		506	11	30	83	8	02	2	8	5	6											
06	11	9822	008		506	11	27	83	8	02	2	8	5	6											
06	14	9804	007		506	11	25	83	8	02	2	8	5	6											
06	17	9802	006		506	11	20	83	8	02	2	8	5	6											
06	20	9797	007		507	11	16	83	8	02	2	0	0	9	7										
06	23	9797	006		508	11	21	83	7	01	2	0	0	9	7					12	39	693	0000	010	006
07	02	9792	005		509	11	19	83	3	01	1	0	0	9	7	0									
07	05	9786	004		509	10	11	83	4	02	0	0	0	9	7										
07	08	9782	001		511	11	17	83	4	01	2	0	0	9	7										
07	11	9797	001		514	11	17	83	8	02	2	0	0	9	7	7									
07	14	9791	503		515	12	15	83	8	02	2	0	0	9	7	7									
07	17	9798	503		515	12	12	83	6	01	2	0	0	9	7	7									
07	20	9811	502		515	12	21	83	8	03	2	0	0	9	7										
07	23	9827	503		518	12	25	83	8	02	2	0	0	9	7					12	34	1503	0000	006	504
08	02	9847	504		518	11	21	83	8	02	2	0	0	9	7										
08	05	9851	503		516	11	20	83	8	02	2	0	0	9	7										
08	08	9869	505		518	11	17	83	8	02	2	0	0	9	7										
08	11	9889	505		518	11	17	83	8	71	2	0	0	9	7										
08	14	9905	505		518	11	22	83	8	02	2	0	0	9	7										
08	17	9925	505		518	12	14	83	7	01	2	0	0	9	7										
08	20	9942	507		520	12	16	83	1	01	2	0	0	9	3	0									
08	23	9963	509		522	12	14	83	2	02	0	0	0	9	3	0				12	33	428	0000	503	511
09	02	9975	511		524	12	17	83	0	00	0	0	0	9	0	0									
09	05	9989	512		526	13	17	83	0	00	0	0	0	9	0	0									
09	08	9993	513		528	12	24	83	0	00	0	0	0	9	0	0									
09	11	0004	513		527	11	31	83	2	03	1	0	0	9	0	5									
09	14	9990	513		527	11	28	83	3	02	1	0	0	9	0	8									
09	17	9965	515		528	11	35	83	0	00	1	0	0	9	0	0									
09	20	9925	510		523	11	42	83	8	03	1	0	0	9	0	7									
09	23	9872	506		520	10	40	83	8	02	2	0	0	9	0	7				11	59	452	0000	505	515

Results of Surface Observations,
MAWSON — Jul., 1957

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	02	9880	504		517	10	31	80	8	70	2	3	5	4	0	7	2								
10	05	9879	505		516	10	25	83	8	02	2	3	5	4	0	7									
10	08	9882	505		517	10	24	83	8	02	2	3	5	4	0	7									
10	11	9885	505		517	11	22	83	8	02	2	3	5	4	0	7									
10	14	9888	505		517	11	17	83	1	01	C	0	0	9	7	0									
10	17	9886	506		518	11	11	83	0	01	C	0	0	9	0	0									
10	20	9886	506		519	11	14	83	0	00	C	0	0	9	0	0									
10	23	9868	507		521	11	21	83	0	00	C	0	0	9	0	0				11	54	809	0000	504	508
11	02	9852	508		521	11	26	83	0	00	C	0	0	9	0	0									
11	05	9823	507		520	10	32	83	8	02	2	0	0	9	0	7									
11	08	9793	505		519	10	37	83	8	00	2	0	0	9	0	7									
11	11	9791	501		516	10	33	83	8	03	2	0	0	9	1	7									
11	14	9775	000		515	10	38	83	8	02	2	0	0	9	7			6							
11	17	9807	001		514	10	37	83	8	02	2	0	0	9	7			6							
11	20	9818	002		514	10	38	83	7	01	2	0	0	9	7			6							
11	23	9836	500		515	13	21	83	5	01	2	0	0	9	7	0		6		12	54	1566	0000	002	509
12	02	9870	505		519	13	23	83	0	02	1	0	0	9	0	0									
12	05	9877	509		522	13	22	83	0	00	C	0	0	9	0	0									
12	08	9895	510		522	14	21	83	1	03	C	0	0	9	3	0									
12	11	9898	512		524	14	25	83	1	02	C	0	0	9	3	0		6							
12	14	9905	508		519	11	11	83	1	02	C	0	0	9	3	0									
12	17	9919	510		523	12	15	83	1	00	C	0	0	9	3	0									
12	20	9916	513		525	12	13	83	0	00	C	0	0	9	0	0									
12	23	9917	512		525	13	10	83	0	00	C	0	0	9	0	0				13	34	780	0000	000	514
13	02	9921	511		525	13	08	83	0	00	C	0	0	9	0	0									
13	05	9921	513		525	15	17	83	0	00	C	0	0	9	0	0									
13	08	9910	509		523	13	12	83	0	00	C	0	0	9	0	0									
13	11	9915	510		523	13	22	83	0	00	C	0	0	9	0	0									
13	14	9921	509		523	13	15	83	1	03	C	0	0	9	3	0									
13	17	9922	508		522	12	14	83	1	02	C	0	0	9	3	0									
13	20	9926	508		523	12	22	83	0	00	C	0	0	9	0	0									
13	23	9920	509		523	14	12	83	0	00	C	0	0	9	0	0				12	33	387	0000	508	514
14	02	9936	511		524	00	00	83	1	03	C	1	5	6	0	0									
14	05	9935	510		523	00	00	83	0	00	C	0	0	9	0	0									
14	08	9935	512		525	00	00	83	0	00	C	0	0	9	0	0									
14	11	9934	512		524	00	00	83	0	00	C	0	0	9	0	0									
14	14	9930	513		525	00	00	83	0	00	C	0	0	9	0	0									
14	17	9910	515		525	00	00	83	2	03	C	0	0	9	3	8									
14	20	9893	516		524	00	00	83	4	03	1	0	0	9	3	0		6							
14	23	9886	515		527	00	00	83	0	00	0	0	0	9	0	0				14	25	404	0000	509	516
15	02	9886	516		526	00	00	83	0	00	C	0	0	9	0	0									
15	05	9879	515		525	20	02	83	0	00	C	0	0	9	0	0									
15	08	9875	515		527	00	00	83	0	00	C	0	0	9	0	0									
15	11	9863	515		527	00	00	83	0	00	C	0	0	9	0	0									
15	14	9869	516		528	14	11	83	0	00	C	0	0	9	0	0									
15	17	9876	517		528	00	00	83	1	03	C	0	0	9	0	5									
15	20	9873	517		529	00	00	83	0	00	C	0	0	9	0	0									
15	23	9874	519		530	16	25	83	0	00	C	0	0	9	0	0				13	25	105	0000	516	519
16	02	9880	517		529	15	16	83	0	00	C	0	0	9	0	0									
16	05	9885	517		528	27	04	83	0	00	C	0	0	9	0	0									
16	08	9880	515		526	14	23	83	4	03	2	0	0	9	1	0									
16	11	9881	512		524	14	19	83	2	01	1	0	0	9	0	8									
16	14	9886	511		523	14	25	83	1	01	1	0	0	9	0	8									
16	17	9894	504		518	14	20	83	1	02	1	0	0	9	0	8									
16	20	9904	503		517	11	21	83	0	01	C	0	0	9	0	0									
16	23	9937	508		521	11	17	83	2	03	C	0	0	9	0	1				15	33	326	0000	503	518
17	02	9962	505		518	12	21	83	7	03	2	0	0	9	0	1									
17	05	9960	501		515	11	23	82	8	02	2	0	0	9	0	7									
17	08	9975	505		515	08	12	83	8	03	2	0	0	9	1										
17	11	9990	505		514	02	09	83	8	02	2	0	0	9	1										
17	14	9975	004		510	10	28	83	8	02	2	0	0	9	2										
17	17	9968	005		510	09	27	83	8	03	2	0	0	9	2										
17	20	9938	006		508	10	28	83	8	02	2	0	0	9	2										
17	23	9881	007		508	10	33	83	8	02	2	0	0	9	0	7				11	61	479	0000	008	508
18	02	9849	008		506	12	43	83	8	02	2	0	0	9	0	7									
18	05	9790	013		507	12	51	82	8	02	2	0	0	9	0	7									
18	08	9774	013		507	12	52	82	8	02	2	0	0	9	0	7									
18	11	9752	013		507	12	51	82	8	03	2	0	0	9	7										
18	14	9730	015		503	12	56	82	8	02	2	0	0	9	7										
18	17	9730	015		505	12	52	82	8	02	2	0	0	9	7										
18	20	9743	015		503	12	38	82	8	02	2	0	0	9	7										
18	23	9749	015		504	12	35	82	8	02	2	0	0	9	7					13	78	868	0000	016	006

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
19	02	9760	013		505	12	26	81	8	03	2	8	5	4											
19	05	9769	012		506	11	29	82	8	02	2	8	5	4											
19	08	9776	012		505	11	25	82	8	02	2	8	5	4											
19	11	9783	010		503	12	25	82	8	02	2	8	5	4											
19	14	9790	010		501	12	23	80	8	36	3	8	5	2											
19	17	9797	010		000	12	31	80	8	02	2	8	5	2											
19	20	9807	011		001	12	22	80	6	02	2	8	5	2											
19	23	9817	010		002	12	10	40	8	71	7	8	5	2						12	46	996	0000	015	009
20	02	9816	007		501	12	16	83	2	01	2	0	0	9	3	0									
20	05	9821	006		503	12	10	83	8	02	2	0	0	9	7										
20	08	9821	005		000	12	06	40	8	71	7	0	0	9	7										
20	11	9821	003		504	11	07	82	7	01	7	0	0	9	7	8									
20	14	9812	002		505	12	11	82	7	03	1	0	0	9	5	6									
20	17	9814	000		508	12	14	83	1	01	1	0	0	9	3	0		7							
20	20	9818	000		508	13	15	83	0	00	0	0	0	9	0	0									
20	23	9826	502		510	13	12	83	0	00	0	0	0	9	0	0				13	38	1551	0000	009	502
21	02	9844	502		510	13	23	83	0	00	0	0	0	9	0	0									
21	05	9851	501		510	18	05	83	0	00	0	0	0	9	0	0									
21	08	9856	500		509	00	00	83	0	00	0	0	0	9	0	0									
21	11	9861	000		513	14	12	83	2	03	0	0	0	9	0	1									
21	14	9857	503		507	00	00	83	0	00	0	0	0	9	0	0									
21	17	9870	503		513	00	00	83	0	00	0	0	0	9	0	0									
21	20	9869	506		514	00	00	83	0	00	0	0	0	9	0	0									
21	23	9876	506		515	00	00	83	0	00	0	0	0	9	0	0				14	42	330	0000	003	507
22	02	9879	504		515	00	00	83	0	00	0	0	0	9	0	0									
22	05	9887	503		515	14	22	83	0	00	0	0	0	9	0	0									
22	08	9905	505		515	13	14	83	0	00	0	0	0	9	0	0									
22	11	9917	504		516	00	00	83	1	03	0	1	5	4	0	0									
22	14	9923	507		518	00	00	83	8	03	2	2	5	4	3	7									
22	17	9925	509		518	00	00	83	4	01	1	0	0	9	1	0									
22	20	9917	503		516	09	11	83	4	02	0	0	0	9	1	0									
22	23	9911	504		516	09	21	83	0	01	0	0	0	9	0	0				14	30	192	0000	502	504
23	02	9902	503		516	09	23	83	0	00	0	0	0	9	0	0									
23	05	9902	504		516	00	00	83	0	00	0	0	0	9	0	0									
23	08	9897	503		515	11	14	83	0	00	0	0	0	9	0	0									
23	11	9897	503		515	13	25	83	4	03	1	0	0	9	0	8									
23	14	9878	503		515	13	28	83	2	01	1	0	0	9	0	8									
23	17	9875	500		514	10	26	83	0	00	1	0	0	9	0	0									
23	20	9878	502		514	12	18	83	0	00	0	0	0	9	0	0									
23	23	9875	503		516	13	22	83	0	00	0	0	0	9	0	0				13	43	256	0000	006	502
24	02	9865	000		515	12	20	83	0	00	0	0	0	9	0	0									
24	05	9861	501		515	10	13	83	0	00	0	0	0	9	0	0									
24	08	9853	501		515	11	26	83	0	00	0	0	0	9	0	0									
24	11	9846	000		517	11	26	83	3	03	0	0	0	9	0	8									
24	14	9835	504		518	12	28	83	3	02	0	0	0	9	0	8									
24	17	9834	502		515	12	25	83	1	02	0	0	0	9	0	8									
24	20	9830	503		515	13	14	83	0	01	0	0	0	9	0	0									
24	23	9814	504		515	13	28	83	8	03	2	8	5	5						12	44	1556	0000	001	506
25	02	9801	001		510	12	16	83	8	02	2	8	5	5											
25	05	9783	000		512	13	23	83	8	03	2	8	5	5											
25	08	9764	002		514	17	22	83	1	01	1	0	0	9	3	0									
25	11	9753	505		517	17	20	83	1	02	1	0	0	9	3	0									
25	14	9746	504		516	17	22	83	0	01	0	0	0	9	0	0									
25	17	9748	503		516	13	09	83	0	00	0	0	0	9	0	0									
25	20	9755	503		514	13	14	83	0	00	0	0	0	9	0	0									
25	23	9768	507		519	15	25	83	0	00	0	0	0	9	0	0				15	42	1561	0000	001	507
26	02	9776	508		519	14	23	83	0	00	0	0	0	9	0	0									
26	05	9774	508		519	17	17	83	0	00	0	0	0	9	0	0									
26	08	9790	507		519	14	12	83	0	00	0	0	0	9	0	0									
26	11	9816	508		524	00	00	83	0	00	0	0	0	9	0	0									
26	14	9841	507		522	00	00	83	3	03	1	0	0	9	1	8									
26	17	9862	511		525	00	00	83	1	01	1	0	0	9	1	0									
26	20	9885	508		521	00	00	83	0	01	0	0	0	9	0	0									
26	23	9904	508		523	11	16	83	0	00	0	0	0	9	0	0				16	33	475	0000	507	511
27	02	9922	508		523	11	17	83	0	00	0	0	0	9	0	0									
27	05	9930	507		521	11	23	83	0	00	0	0	0	9	0	0									
27	08	9941	505		520	11	29	83	0	00	0	0	0	9	0	0									
27	11	9947	505		516	11	31	83	0	00	0	0	0	9	0	0									
27	14	9955	503		515	11	21	83	1	03	0	0	0	9	0	8									
27	17	9975	504		517	11	12	83	0	00	1	0	0	9	0	0									
27	20	9991	508		521	16	08	83	0	00	0	0	0	9	0	0									
27	23	0000	510		522	14	07	83	0	00	0	0	0	9	0	0				11	41	304	0000	502	510

Results of Surface Observations,
MAWSON – Jul., 1957

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	0002	509		521	00	00	83	0	00	C	0	0	9	C	0									
28	05	0000	508		520	00	00	83	C	00	C	0	0	9	C	0									
28	08	0008	509		520	00	00	83	C	00	C	0	0	9	C	0									
28	11	0024	508		520	00	00	83	8	03	C	0	0	9	C	8									
28	14	0032	507		519	00	00	83	3	01	1	0	0	9	C	7									
28	17	0040	509		520	00	00	83	1	01	1	0	0	9	C	7									
28	20	0057	509		521	00	00	83	C	01	C	0	0	9	C	0									
28	23	0060	507		519	00	00	83	2	03	C	0	0	9	C	4				18	20	343	0000	506	510
29	02	0063	504		516	00	00	83	8	00	C	0	0	9	C	7									
29	05	0060	503		513	00	00	83	8	02	2	0	0	9	C	7									
29	08	0012	005		508	13	18	82	8	02	2	8	5	6											
29	11	0007	006		507	09	11	83	8	02	2	8	5	6											
29	14	0000	003		508	00	00	83	8	02	2	8	5	6											
29	17	9995	002		510	00	00	82	5	01	2	0	9	9	7			7							
29	20	9990	000		511	00	00	80	8	70	2	8	5	5											
29	23	9991	001		510	00	00	83	4	02	2	4	5	5	C	0				11	29	071	0000	006	508
30	02	9995	001		510	00	00	83	C	01	1	C	0	0	C	0									
30	05	9989	004		515	10	26	83	C	36	3	C	0	0	C	0									
30	08	9979	002		506	16	45	04	C	38	3	C	0	0	C	0									
30	11	0017	003		504	00	00	83	C	00	C	C	0	0	C	0									
30	14	0035	006		501	00	00	83	8	36	3	C	0	0	7	1									
30	17	0048	004		502	00	00	83	8	02	2	C	0	0	7	7									
30	20	0054	009		000	09	07	83	4	01	1	C	0	0	7	0									
30	23	0053	009		504	15	20	83	C	00	C	C	0	0	0	0				08	61	306	0008	013	501
31	02	0068	010		503	13	12	83	0	00	C	0	0	9	C	0									
31	05	0076	506		506	13	18	83	8	05	2	C	0	9	C	7									
31	08	0082	011		502	13	10	83	8	02	2	C	0	9	C	7									
31	11	0079	005		502	00	00	82	8	02	2	C	0	9	C	7									
31	14	0069	010		501	00	00	82	8	02	2	C	0	9	1										
31	17	0055	007		001	00	00	82	8	02	2	C	0	9	1										
31	20	0029	008		002	00	00	82	8	02	2	C	0	9	1										
31	23	9987	013		002	11	28	81	8	02	2	C	0	9	1					11	74	320	0000	019	005

Results of Surface Observations,
MAWSON – Aug., 1957

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	Statute miles	Points	°F	°F
01	02	9930	015		001	11	37	81	8	02	2	0	0	4	1										
01	05	9890	018		002	10	44	82	8	02	2	0	0	4	1										
01	08	9846	012		006	10	48	16	8	36	3	0	0	4	1										
01	11	9797	012		011	10	61	00		38	3														
01	14	9751	011		010	10	70	00		39	3														
01	17	9728	010		009	10	80	00		39	3														
01	20	9726	009		008	11	80	00		39	3														
01	23	9720	008		007	10	65	00		39	3											479	0000		
02	02	9734	008		007	11	80	00		39	3														
02	05	9742	012		011	11	62	16	8	36	3	0			2										
02	08	9796	018		006	12	38	82	8	02	3	0			2										
02	11	9826	019		009	11	35	82	8	02	2	0			2										
02	14	9866	020		005	13	17	82	8	02	2	0			2										
02	17	9890	013		002	13	22	83	4	01	1	0	0	4	7	7									
02	20	9897	008		001	13	25	83	0	00	0	0	0	9	0	0									
02	23	9892	007		002	13	18	83	3	03	0	0	0	9	3	0						676	0507		
03	02	9888	010		001	00	00	83	2	01	1	0	0	9	3	0									
03	05	9890	012		001	13	34	83	0	00	0	0	0	9	0	0									
03	08	9896	008		001	13	42	83	0	00	0	0	0	9	0	0									
03	11	9906	012		000	00	00	83	4	03	0	0	0	9	0	8									
03	14	9902	008		004	15	35	83	8	03	2	0	0	9	0	7									
03	17	9922	012		004	20	14	83	6	02	2	0	0	9	4	5									
03	20	9910	008		003	00	00	83	7	02	2	0	0	9	0	6									
03	23	9901	007		005	00	00	83	2	01	1	0	0	9	0	5				16	70	1547	0000	017	007
04	02	9870	013		003	36	05	83	0	00	0	0	0	9	0	0									
04	05	9878	009		005	18	06	83	0	00	0	0	0	9	0	0									
04	08	9917	007		007	18	25	83	5	02	2	0	0	9	4	6									
04	11	9929	003		002	16	26	16	8	71	7	8	5	4	0										
04	14	9909	002		002	14	35	00		38	3														
04	17	9926	006		000	14	34	83	2	01	1	0	0	9	0	0									
04	20	9918	005		003	13	28	83	0	00	0	0	0	9	0	0									
04	23	9930	005		005	00	00	83	0	00	0	0	0	9	0	0				13	55	462	0000	023	002
05	02	9925	002		007	13	15	83	0	00	0	0	0	9	0	0									
05	05	9922	001		009	13	23	83	0	00	0	0	0	9	0	0									
05	08	9919	001		011	13	21	83	0	00	0	0	0	9	0	0									
05	11	9939	000		011	13	19	83	0	00	0	0	0	9	0	0									
05	14	9959	001		009	12	18	83	1	03	2	0	0	9	0	5									
05	17	9989	002		009	12	16	83	8	02	2	0	0	9	7										
05	20	0013	003		010	13	19	43	8	71	7	8	5	4	0										
05	23	0032	003		010	13	14	63	8	02	7	8	5	6			2			13	35	1515	0008	006	005
06	02	0059	004		018	12	16	83	5	02	2	6	5	6	0	0	2								
06	05	0080	004		020	13	23	83	0	00	0	0	0	9	0	0									
06	08	0081	005		020	12	25	83	0	00	0	0	0	9	0	0									
06	11	0103	005		021	12	16	83	7	03	2	0	0	9	0	7									
06	14	0114	008		021	10	17	83	8	03	2	0	0	9	1	7									
06	17	0136	007		021	09	27	83	8	03	2	0	0	9	1	3									
06	20	0187	009		022	10	20	83	1	01	1	0	0	9	3	0									
06	23	0145	010		022	10	18	83	0	00	0	0	0	9	0	0				15	36	466	0000	003	011
07	02	0145	010		021	12	13	83	0	00	0	0	0	9	0	0									
07	05	0132	010		022	12	11	83	0	00	0	0	0	9	0	0									
07	08	0118	007		016	12	09	83	0	00	0	0	0	9	0	0									
07	11	0121	004		016	00	00	83	0	00	0	0	0	9	0	0									
07	14	0103	001		013	11	23	83	2	03	2	0	0	9	0	5									
07	17	0095	002		013	11	32	83	3	03	2	0	0	9	3	0									
07	20	0089	002		012	11	24	83	1	02	2	0	0	9	3	0									
07	23	0091	004		011	11	26	83	1	02	2	0	0	9	3	0				11	44	464	0000	004	010
08	02	0082	001		011	11	31	83	0	00	0	0	0	9	0	0									
08	05	0062	008		009	12	35	83	0	00	0	0	0	9	0	0									
08	08	0060	008		011	12	31	83	0	00	0	0	0	9	0	0									
08	11	0054	006		009	14	30	83	0	00	0	0	0	9	0	0									
08	14	0039	007		008	13	25	83	0	00	0	0	0	9	0	0									
08	17	0022	010		007	13	12	83	0	00	0	0	0	9	0	0									
08	20	0000	007		008	12	28	83	0	00	0	0	0	9	0	0									
08	23	9983	007		011	12	18	83	0	00	0	0	0	9	0	0				12	51	1581	0000	010	000
09	02	9972	007		009	12	23	83	0	00	0	0	0	9	0	0									
09	05	9979	006		010	13	17	83	0	00	0	0	0	9	0	0									
09	08	9970	007		011	12	27	83	0	00	0	0	0	9	0	0									
09	11	9969	003		015	13	23	83	0	00	0	0	0	9	0	0									
09	14	9961	005		013	14	26	83	0	00	0	0	0	9	0	0									
09	17	9954	003		015	14	23	83	1	03	2	0	0	9	0	5									
09	20	9949	003		015	13	20	83	0	00	0	0	0	9	0	0									
09	23	9950	002		015	14	17	83	0	00	0	0	0	9	0	0				12	40	1534	0000	007	000

Results of Surface Observations,
MAWSON – Aug., 1957

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	9949	001		516	13	17	83	0	00	0	0	0	9	0	0									
10	05	9955	002		516	13	22	83	0	00	0	0	0	9	0	0									
10	08	9969	003		519	13	26	83	0	00	0	0	0	9	0	0									
10	11	9976	505		520	14	31	83	0	00	0	0	0	9	0	0									
10	14	9981	503		519	14	26	83	0	00	0	0	0	9	0	0									
10	17	9986	503		519	14	27	83	0	00	0	0	0	9	0	0									
10	20	9994	001		516	12	22	83	0	00	0	0	0	9	0	0									
10	23	0005	001		515	11	28	83	0	00	0	0	0	9	0	0				12	42	1500	0000	003	505
11	02	0001	002		516	13	35	83	0	00	0	0	0	9	0	0									
11	05	0012	001		514	14	19	83	0	00	0	0	0	9	0										
11	08	0008	002		512	11	22	83	8	03	2	0	0	9	5										
11	11	0013	007		511	11	21	83	8	02	2	0	5	7	3			2							
11	14	0017	010		511	10	24	83	8	02	2	8	5	7				2							
11	17	0018	011		509	12	16	83	7	02	2	8	5	7				2							
11	20	0026	011		507	13	14	83	7	02	2	7	5	7				2		12	44	1540	0000	012	000
11	23	0031	010		505	13	09	83	7	02	2	7	5	7											
12	02	0044	009		509	11	20	83	5	01	2	5	5	7				2							
12	05	0055	006		509	13	16	83	1	02	2	0	0	9	0	2									
12	08	0084	008		508	11	19	83	0	01	2	0	0	9	0	0									
12	11	0101	006		509	14	18	83	1	03	2	0	0	9	0	5									
12	14	0123	010		506	11	21	83	0	01	2	0	0	9	0	0									
12	17	0132	005		509	13	25	83	0	00	2	0	0	9	0	5									
12	20	0171	007		509	12	11	83	3	03	1	0	0	9	0	7				14	32	498	0000	011	004
12	23	0194	006		509	00	00	83	8	03	1	0	0	9	0	7									
13	02	0205	004		511	00	00	83	8	03	2	0	0	9	0	7									
13	05	0215	005		510	00	00	83	8	02	2	0	0	9	0	7									
13	08	0215	004		508	00	00	83	8	03	2	0	0	9	0	7									
13	11	0215	004		505	00	00	83	8	03	2	8	5	4											
13	14	0211	005		503	00	00	81	8	05	2	8	5	6											
13	17	0198	004		501	00	00	81	8	05	2	8	5	6											
13	20	0186	005		001	00	00	83	8	70	2	8	5	5											
13	23	0156	005		000	00	00	83	8	02	7	8	5	5						13	19	220	0000	007	004
14	02	0126	005		001	00	00	83	8	02	2	4	5	6	0	7									
14	05	0124	003		501	00	00	82	8	02	2	0	0	9	7										
14	08	0119	002		501	00	00	83	7	01	2	0	0	9	7	7									
14	11	0112	002		002	00	00	83	8	02	2	0	0	9	7	5									
14	14	0099	005		004	00	00	82	1	01	2	0	0	9	5	5									
14	17	0091	002		000	00	00	83	8	03	2	0	0	9	2										
14	20	0083	005		002	00	00	82	8	02	2	0	0	9	2										
14	23	0073	006		005	00	00	32	8	71	7	8	5	4						00	00	055	0000	007	001
15	02	0060	007		006	00	00	80	8	70	7	8	5	4											
15	05	0020	007		007	00	00	83	8	02	2	8	5	6											
15	08	9983	007		007	00	00	83	8	02	2	8	5	6											
15	11	9962	007		504	00	00	83	8	02	2	0	0	9	7	7									
15	14	9935	009		504	00	00	83	8	02	2	0	0	9	7	7									
15	17	9904	013		506	09	11	83	6	01	2	0	0	9	7	0									
15	20	9885	011		510	14	12	83	0	01	0	0	0	9	7	0									
15	23	9870	005		510	00	00	83	0	00	0	0	0	9	0	0				17	35	049	0000	013	004
16	02	9865	006		511	18	07	83	0	00	0	0	0	9	0	0									
16	05	9865	003		514	00	00	83	0	00	0	0	0	9	0	0									
16	08	9868	005		516	00	00	83	0	00	0	0	0	9	0	0									
16	11	9856	000		513	00	00	83	0	00	0	0	0	9	0	0									
16	14	9845	005		510	13	18	83	0	00	0	0	0	9	0	0									
16	17	9859	002		514	13	31	83	0	00	0	0	0	9	0	0									
16	20	9876	502		512	13	32	83	0	00	0	0	0	9	0	0									
16	23	9893	502		513	13	48	80	0	00	0	0	0	9	0	0				13	56	189	0000	010	505
17	02	9898	503		513	13	22	83	0	00	0	0	0	9	0	0									
17	05	9908	503		515	13	30	83	0	00	0	0	0	9	0	0									
17	08	9919	502		515	13	25	83	0	00	0	0	0	9	0	0									
17	11	9915	500		516	13	32	83	5	03	1	0	0	9	3	8									
17	14	9928	503		517	11	17	83	5	03	1	1	0	9	3	0		2							
17	17	9923	001		516	12	30	83	1	01	1	2	5	7	0	0		2							
17	20	9927	000		517	11	30	83	0	00	2	0	0	9	0	0									
17	23	9926	001		513	14	25	83	2	03	0	0	0	9	0	1				12	52	625	0000	002	504
18	02	9923	001		514	13	31	83	0	01	0	0	0	9	0	0									
18	05	9918	501		514	14	30	83	0	00	0	0	0	9	0	0									
18	08	9911	502		516	14	33	83	0	00	0	0	1	9	3	0									
18	11	9902	502		518	14	41	83	6	03	1	0	0	9	3	0		2							
18	14	9897	500		517	14	37	83	8	03	1	2	0	9	3										
18	17	9899	500		517	15	30	83	6	01	1	0	0	9	3	0									
18	20	9905	000		518	17	26	83	6	02	1	1	0	9	3	0									
18	23	9900	502		517	16	31	83	8	02	2	0	0	9	7					14	51	323	0000	003	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
19	02	9896	501		517	13	28	83	7	02	2	0	0	9	1	8									
19	05	9895	502		518	13	34	83	7	02	2	0	0	9	1	8									
19	08	9903	501		518	15	26	83	7	02	2	0	0	9	1										
19	11	9909	503		521	14	35	83	7	02	2	0	0	9	1										
19	14	9893	501		519	13	31	83	8	02	2	8	5	6			2								
19	17	9868	502		520	13	32	83	7	02	2	8	5	6			2								
19	20	9850	502		518	13	32	83	0	00	1	0	0	9	0	0									
19	23	9834	002		514	13	23	83	8	03	1	0	0	9	0	7				13	51	700	0000	004	504
20	02	9806	005		512	13	34	83	8	02	2	0	0	9	1										
20	05	9790	007		510	12	35	82	8	02	2	0	0	9	2										
20	08	9790	006		510	14	44	80	8	36	2	8	5	6			3								
20	11	9791	007		509	12	39	80	8	36	3	8	5	4			2								
20	14	9785	007		508	12	32	80	8	36	3	8	5	5			2								
20	17	9780	005		511	12	31	83	7	01	3	3	5	5	7	7	2	2							
20	20	9764	005		511	12	36	83	5	01	2	0	0	9	1	0									
20	23	9747	006		511	12	34	83	4	02	2	0	0	9	1	0				12	53	745	0000	007	004
21	02	9746	005		510	12	31	83	0	00	1	0	0	9	0	0									
21	05	9744	005		510	12	40	83	0	00	0	0	0	9	0	0									
21	08	9746	006		511	10	35	32	0	36	3	0	0	9	0	0									
21	11	9755	002		508	10	40	64	0	36	3	0	0	9	0	0									
21	14	9758	005		500	10	52	01		38	3														
21	17	9752	007		502	10	70	01		38	3														
21	20	9754	004		002	10	70	00		38	3														
21	23	9776	004		003	11	80	00		39	3											876	0000	011	500
22	02	9803	004		003	11	80	00		39	3														
22	05	9802	007		004	11	60	00		39	3														
22	08	9849	010		004	11	30	83	8	02	2	8	5	6											
22	11	9869	009		001	11	22	83	8	02	2	8	5	7											
22	14	9872	009		000	11	21	83	8	02	2	0	0	9	0	7									
22	17	9874	007		502	11	17	82	8	02	2	0	0	9	0	7									
22	20	9885	004		504	03	10	82	0	01	1	0	0	9	0	0									
22	23	9880	003		506	13	02	83	0	00	0	0	0	9	0	0						259	0058	510	502
23	02	9877	001		507	13	05	83	0	00	0	0	0	9	0	0									
23	05	9876	501		510	13	18	83	0	00	0	0	0	9	0	0									
23	08	9872	000		509	13	08	83	0	00	0	0	0	9	0	0									
23	11	9872	000		511	11	17	83	3	03	1	0	0	9	0	8									
23	14	9876	003		508	12	19	83	3	03	1	0	0	9	0	5			5						
23	17	9888	002		509	14	10	83	4	03	2	0	0	9	0	5									
23	20	9889	001		511	13	50	83	0	02	1	0	0	9	0	0									
23	23	9892	001		512	14	14	83	0	00	0	0	0	9	0	0				13	41	419	0000	005	502
24	02	9877	500		512	14	15	83	0	00	0	0	0	9	0	0									
24	05	9871	501		514	14	13	83	0	00	0	0	0	9	0	0									
24	08	9855	505		515	14	11	83	0	00	0	0	0	9	0	0									
24	11	9839	505		512	00	00	83	6	03	2	0	0	9	0	6									
24	14	9815	503		511	00	00	83	8	03	2	0	0	9	0	7									
24	17	9810	505		512	00	00	83	8	00	2	0	0	9	0	7									
24	20	9791	504		514	14	19	83	4	01	2	0	0	9	0	6									
24	23	9787	503		513	14	21	83	0	01	2	0	0	9	0	0				13	41	485	0000	001	506
25	02	9794	502		513	14	17	83	0	02	2	0	0	9	0	0									
25	05	9815	504		514	13	22	83	0	00	2	0	0	9	0	0									
25	08	9840	502		513	14	22	83	7	03	2	0	0	9	3	0									
25	11	9858	001		512	13	25	83	8	03	2	0	0	9	0	6									
25	14	9895	005		507	12	13	83	7	02	2	0	0	9	3	6		2							
25	17	9907	007		504	12	14	83	7	03	2	7	5	6			3								
25	20	9917	006		504	12	10	83	7	02	2	7	5	6			3								
25	23	9922	005		504	12	10	83	8	02	2	8	5	6						13	38	365	0000	008	504
26	02	9918	005		505	13	12	83	3	01	2	3	5	6	0	0									
26	05	9899	003		507	15	19	83	0	00	0	0	0	9	0	0									
26	08	9878	501		512	13	30	83	0	00	0	0	0	9	0	0									
26	11	9850	002		509	13	08	83	0	00	0	0	0	9	0	0									
26	14	9836	002		507	00	00	83	3	03	1	0	0	9	0	5									
26	17	9807	002		508	17	17	83	8	03	2	0	0	9	0	8									
26	20	9750	003		508	13	26	83	8	02	2	0	0	9	0	8									
26	23	9700	004		505	12	28	83	8	03	2	0	0	9	2					16	42	470	0000	006	501
27	02	9635	005		001	11	41	00		38	3														
27	05	9561	005		005	12	57	00		39	3														
27	08	9549	005		003	12	52	00		39	3														
27	11	9551	008		007	13	60	00		39	3														
27	14	9562	009		009	13	50	00		39	3														
27	17	9579	009		009	13	49	00		39	3														
27	20	9606	010		010	13	46	00		39	3														
27	23	9631	014		010	13	53	00		39	3											702	0000	015	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
28	02	9659	015		011	13	46	83	8	02	3	0	0	9	2										
28	05	9674	012		006	13	44	83	4	01	1	0	0	9	0	8									
28	08	9696	017		010	13	38	83	8	03	2	0	0	9	1										
28	11	9712	017		008	13	26	83	8	03	2	0	0	9	7										
28	14	9719	017		009	13	25	83	8	02	2	0	0	9	7	8									
28	17	9711	014		005	13	25	83	8	02	2	6	5	7	0	8									
28	20	9706	012		003	13	23	83	6	02	2	4	5	7	0	8									
28	23	9691	011		001	13	24	82	8	70	2	8	5	6								168	0086	018	011
29	02	9690	011		000	13	26	83	4	01	2	4	5	6	0	0									
29	05	9684	010		003	13	26	40	8	38	3	0	0	9	0	7									
29	08	9683	010		000	13	26	81	8	02	2	8	6	4											
29	11	9676	010		001	13	28	56	8	02	2	8	6	4											
29	14	9676	011		001	13	28	81	6	02	2	5	5	8	0	7									
29	17	9683	011		502	13	31	81	6	02	2	3	5	8	4	4									
29	20	9689	011		502	13	25	83	8	02	2	8	0	9	7										
29	23	9698	012		501	13	21	83	3	01	2	3	5	8	0	0				13	44	712	0000	012	008
30	02	9711	010		503	13	16	83	8	02	2	8	5	8											
30	05	9719	009		503	12	11	83	8	02	2	8	5	8											
30	08	9725	003		502	15	16	83	4	01	1	4	5	8	0	0									
30	11	9731	005		507	15	13	83	6	02	2	0	0	9	3	0									
30	14	9739	005		508	13	25	83	6	02	2	0	0	9	3	0									
30	17	9745	003		510	13	22	83	4	01	1	0	0	9	3	0									
30	20	9749	001		512	13	22	83	8	03	1	0	0	9	3										
30	23	9744	001		514	13	28	83	8	02	2	0	0	9	3					13	37	601	0000	011	501
31	02	9747	502		515	13	26	83	8	02	2	8	0	9	3										
31	05	9741	502		513	13	28	83	8	02	2	8	0	9	2										
31	08	9734	504		511	13	25	24	8	36	3	8	5	5											
31	11	9730	505		508	13	26	00		38	3														
31	14	9736	504		510	13	22	16	8	36	3	8	5	5											
31	17	9744	505		511	13	22	16	8	15	3	8	5	4											
31	20	9757	506		514	13	18	82	8	02	2	0	0	9	0	7									
31	23	9764	507		513	13	18	82	7	02	2	0	0	9	0	7				13	40	637	0000	501	510

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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	9781	510		518	13	16	83	1	01	1	0	0	9	0	8									
01	05	9788	510		521	18	09	83	2	03	0	0	0	9	3	8									
01	08	9802	511		522	13	19	83	3	03	0	0	0	9	0	8									
01	11	9809	510		521	13	21	83	6	03	1	0	0	9	0	8									
01	14	9819	510		521	13	18	83	7	03	2	0	0	9	0	6									
01	17	9828	509		520	13	15	83	5	01	1	0	0	9	0	8									
01	20	9841	512		522	13	12	83	3	01	1	0	0	9	0	1									
01	23	9846	513		523	15	16	83	0	02	0	0	0	9	0	0				11	39	1569	0000	509	514
02	02	9845	513		522	14	17	83	0	02	0	0	0	9	0	0									
02	05	9844	515		523	15	07	83	0	00	0	0	0	9	0	0									
02	08	9830	517		525	14	14	83	0	00	0	0	0	9	0	0									
02	11	9825	513		523	00	00	83	0	00	0	0	0	9	0	0									
02	14	9814	511		521	00	00	83	0	00	0	0	0	9	0	0									
02	17	9806	511		520	00	00	83	0	00	0	0	0	9	0	0									
02	20	9798	513		523	00	00	83	0	00	0	0	0	9	0	0									
02	23	9803	515		525	00	00	83	0	00	0	0	0	9	0	0				14	24	393	0000	509	517
03	02	9811	516		526	17	12	83	0	00	0	0	0	9	0	0									
03	05	9822	516		526	00	00	83	0	00	0	0	0	9	0	0									
03	08	9824	517		527	00	00	83	0	00	0	0	0	9	0	0									
03	11	9822	513		525	00	00	83	0	00	0	0	0	9	0	0									
03	14	9827	511		520	00	00	83	0	00	0	0	0	9	0	0									
03	17	9818	512		521	00	00	83	0	00	0	0	0	9	0	0									
03	20	9817	513		527	12	12	83	0	00	0	0	0	9	0	0									
03	23	9820	516		527	13	18	83	0	00	0	0	0	9	0	0				13	28	114	0000	511	518
04	02	9817	516		527	13	15	83	0	00	0	0	0	9	0	0									
04	05	9810	517		527	16	11	83	0	00	0	0	0	9	0	0									
04	08	9798	516		526	17	15	83	2	03	0	0	0	9	0	8									
04	11	9793	514		525	15	10	83	1	01	1	0	0	9	0	8									
04	14	9799	509		521	00	00	83	1	02	1	0	0	9	0	5									
04	17	9790	512		523	00	00	83	1	02	1	0	0	9	0	5									
04	20	9794	515		526	16	09	83	1	02	1	0	0	9	0	5									
04	23	9799	515		527	00	00	30	0	00	0	0	9	0	0					18	29	290	0000	509	518
05	02	9803	511		523	17	08	83	0	00	0	0	0	9	0	0									
05	05	9808	516		527	14	05	83	0	00	0	0	0	9	0	0									
05	08	9822	516		527	00	00	83	1	03	0	0	0	9	0	6									
05	11	9830	512		524	14	15	83	4	03	1	0	0	9	0	5									
05	14	9837	506		519	14	13	83	4	02	1	0	0	9	0	5									
05	17	9851	509		522	14	22	83	1	01	1	0	0	9	0	5									
05	20	9870	509		523	14	19	83	0	01	1	0	0	9	0	0									
05	23	9888	510		523	15	20	83	0	00	0	0	0	9	0	0				14	35	188	0000	506	516
06	02	9902	513		523	16	21	83	0	00	0	0	0	9	0	0									
06	05	9911	514		524	16	22	83	0	00	0	0	0	9	0	0									
06	08	9919	513		523	16	21	83	0	00	0	0	0	9	0	0									
06	11	9926	510		525	15	17	83	0	00	0	0	0	9	0	0									
06	14	9925	503		520	12	12	83	3	03	0	0	0	9	0	8									
06	17	9914	512		529	12	17	83	1	01	1	0	0	9	0	8									
06	20	9913	507		524	12	19	83	5	03	1	0	0	9	0	8									
06	23	9904	507		523	14	22	83	6	03	1	0	0	9	0	8				13	41	433	0000	503	514
07	02	9892	510		525	16	16	83	5	01	1	0	0	9	0	8									
07	05	9877	511		526	15	19	83	0	00	0	0	0	9	0	0									
07	08	9872	512		527	13	21	83	0	00	0	0	0	9	0	0									
07	11	9868	513		528	13	17	83	0	00	0	0	0	9	0	0									
07	14	9869	504		519	14	11	83	3	03	1	0	0	9	0	4									
07	17	9869	506		522	13	09	83	0	00	0	0	0	9	0	0									
07	20	9877	513		527	15	01	83	0	00	0	0	0	9	0	0									
07	23	9893	515		529	00	00	83	0	00	0	0	0	9	0	0				14	31	1523	0000	504	515
08	02	9896	515		529	17	03	83	0	00	0	0	0	9	0	0									
08	05	9885	517		531	17	16	83	0	00	0	0	0	9	0	0									
08	08	9898	518		532	15	19	83	0	00	0	0	0	9	0	0									
08	11	9910	510		524	13	17	83	0	00	0	0	0	9	0	0									
08	14	9919	509		523	12	21	83	0	00	0	0	0	9	0	0									
08	17	9937	511		525	12	16	83	0	00	0	0	0	9	0	0									
08	20	9952	515		528	12	25	83	2	03	0	0	0	9	0	2									
08	23	9969	516		529	13	22	83	7	02	2	7	0	9	3					13	34	385	0000	509	519
09	02	9977	515		528	14	21	83	2	01	0	0	0	9	3	0									
09	05	9981	517		530	12	22	83	0	00	0	0	0	9	0	0									
09	08	9986	517		530	12	21	83	0	00	0	0	0	9	0	0									
09	11	9986	514		525	13	14	83	5	03	1	0	0	9	7	0									
09	14	9977	511		521	13	13	83	1	01	1	0	5	6	0	0	2								
09	17	9962	512		523	12	10	83	0	01	1	0	0	9	0	0									
09	20	9926	515		526	15	12	83	0	00	0	0	0	9	0	0									
09	23	9897	518		528	16	14	83	0	00	0	0	0	9	0	0				12	33	1561	0000	511	518

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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	9881	518		529	00	00	83	0	00	0	0	0	9	0	0									
10	05	9854	519		529	00	00	83	1	03	0	0	0	9	3	0		6							
10	08	9821	517		528	19	08	83	1	02	0	0	0	9	3	0		6							
10	11	9789	515		525	00	00	83	2	03	1	0	0	9	3	0									
10	14	9769	515		525	00	00	83	2	03	1	0	0	9	3	0									
10	17	9751	514		524	00	00	83	1	02	0	0	0	9	3	0									
10	20	9742	517		526	00	00	83	0	00	0	0	0	9	3	0									
10	23	9729	514		526	14	11	83	1	02	0	0	0	9	3	0				14	28	403	0000	514	514
11	02	9730	514		526	14	10	83	0	00	0	0	0	9	0	0									
11	05	9745	513		526	00	00	83	0	00	0	0	0	9	0	0									
11	08	9764	513		525	14	03	83	6	03	2	3	5	6	5		1	7							
11	11	9775	507		519	13	10	83	7	03	2	7	5	6			3								
11	14	9783	502		513	13	23	83	8	03	2	8	5	6											
11	17	9786	503		513	13	28	32	8	36	3	8	5	3											
11	20	9798	501		504	10	33	00		38	3														
11	23	9798	000		501	10	41	00		39	3									10	58	206	0000	001	514
12	02	9799	002		001	10	80	00		39	3														
12	05	9818	003		002	11	75	00		39	3														
12	08	9841	001		001	11	58	00		39	3														
12	11	9866	006		003	11	50	00		38	3														
12	14	9902	008		005	11	42	00		38	3														
12	17	9899	010		009	11	40	00		38	3														
12	20	9915	010		009	11	44	00		38	3														
12	23	9934	010		009	12	35	00	7	37	3	0	0	9	0	7						955	0000	010	001
13	02	9944	009		008	12	33	00	5	37	3	0	0	9	0	8									
13	05	9949	010		007	12	36	00	8	38	3	0	0	9	0	7									
13	08	9932	013		010	12	31	80	9	37	3	0	0	9	1	7									
13	11	9927	015		005	13	10	82	8	36	3	0	0	9	0	8									
13	14	9901	015		006	14	28	82	7	36	3	0	0	9	2	1									
13	17	9886	014		002	14	33	82	6	36	3	0	0	9	0	0									
13	20	9868	010		000	14	38	81	1	36	3	0	0	9	0	0				13	51	113	0000	017	005
13	23	9845	008		000	13	34	83	0	00	3	0	0	9	0	0									
14	02	9807	006		501	15	38	83	0	00	3	0	0	9	0	0									
14	05	9808	011		001	18	22	83	0	00	3	0	0	9	0	0									
14	08	9786	012		001	00	00	83	1	03	3	1	0	7	0	0									
14	11	9795	015		502	00	00	83	0	00	3	0	0	9	0	0									
14	14	9754	014		502	00	00	83	0	00	3	0	0	9	0	0									
14	17	9723	007		002	18	38	00	0	36	3	0	0	9	0	0									
14	20	9713	005		000	22	16	80	0	36	3	0	0	9	0	0									
14	23	9721	006		505	16	16	80	0	36	3	0	0	9	0	0				20	61	735	0001	014	004
15	02	9702	002		503	16	35	80	0	36	3	0	0	9	0	0									
15	05	9694	005		509	13	28	83	0	00	3	0	0	9	0	0									
15	08	9697	008		509	00	00	83	7	03	2	0	0	9	7	7									
15	11	9686	011		503	14	22	83	8	03	2	0	0	9	7	7									
15	14	9686	013		003	14	23	40	8	36	3	8	5	6	8	8									
15	17	9682	015		003	14	33	81	8	02	3	8	5	6	8	8									
15	20	9679	014		003	13	29	83	8	02	2	8	5	6	4	9									
15	23	9680	015		004	13	34	83	5	01	2	0	0	9	1	0				13	45	1570	0011	016	001
16	02	9679	016		006	13	29	83	5	02	1	0	0	9	1	0									
16	05	9692	015		007	14	25	82	8	02	2	8	5	6	4	9									
16	08	9699	017		006	14	22	83	8	02	2	4	5	6	6	9	2	2							
16	11	9699	016		004	14	25	83	8	01	2	7	5	6	3	7	2	2							
16	14	9709	018		005	14	25	83	7	01	2	0	0	0	0	0		2	6						
16	17	9715	015		002	14	23	83	7	15	2	0	0	0	5	0		2	3						
16	20	9726	013		000	14	25	82	7	02	2	0	0	0	5	0		2	3						
16	23	9730	012		504	14	33	82	1	01	2	1	0	0	5	0				13	44	726	0000	018	010
17	02	9738	008		504	14	29	81	8	03	2	8	5	5	5	0									
17	05	9742	011		502	13	28	81	8	02	2	8	5	5	5	0									
17	08	9753	011		501	13	23	82	8	02	2	8	5	5	5	0									
17	11	9759	012		000	14	08	82	8	02	2	8	5	5	5	0									
17	14	9760	013		000	14	14	83	8	02	2	8	5	5	5	0									
17	17	9764	010		504	14	07	82	8	02	2	8	5	5	5	0									
17	20	9778	008		506	14	13	82	8	02	2	8	5	5	5	0									
17	23	9795	004		510	17	17	82	2	01	2	2	5	5	5	0				13	44	685	0000	013	002
18	02	9799	003		511	16	19	83	1	01	1	0	5	0	6	0	0								
18	05	9801	001		512	13	25	83	3	02	0	0	0	0	9	0	0	5							
18	08	9812	001		512	13	23	83	7	03	0	0	0	0	9	0	7		2						
18	11	9824	003		513	14	21	83	8	03	2	0	0	0	7	7			2						
18	14	9837	005		510	15	05	83	7	02	2	0	0	0	5	5			2						
18	17	9849	005		509	15	04	83	7	02	2	0	0	0	5	5			2						
18	20	9857	002		513	13	17	83	6	02	2	0	0	0	7	6	0								
18	23	9870	001		516	15	14	83	0	00	1	0	0	0	9	9	0	1	2	14	37	1534	0000	006	503

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 x 10-1	°F	°F	°F	°x10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°x10	kt	St.miles	Points	°F	°F
19	02	9874	501		517	15	17	83	0	00		0	0	9	0	0									
19	05	9877	505		520	17	20	83	0	00		0	0	9	0	0									
19	08	9877	505		520	15	17	83	1	03		0	0	9	3	0			5						
19	11	9877	501		516	14	23	83	1	02		0	0	9	3	0			6						
19	14	9875	502		518	13	20	83	0	01		0	0	9	0	0									
19	17	9873	501		515	13	17	83	0	00		0	0	9	0	0									
19	20	9869	503		518	14	17	83	0	00		0	0	9	0	0									
19	23	9869	506		522	17	19	83	0	00		0	0	9	0	0				13	31	423	0000	002	505
20	02	9863	507		521	17	19	83	0	00		0	0	9	0	0									
20	05	9852	506		520	15	21	83	0	00		0	0	9	0	0									
20	08	9841	503		518	15	17	83	0	00		0	0	9	0	0									
20	11	9847	000		516	14	09	83	0	00		0	0	9	0	0									
20	14	9849	005		512	14	06	83	0	00		0	0	9	0	0									
20	17	9867	002		514	00	00	83	0	00		0	0	9	0	0									
20	20	9877	503		517	00	00	83	0	00		0	0	9	0	0									
20	23	9884	507		521	16	17	83	0	00		0	0	9	0	0				16	31	1565	0000	005	507
21	02	9891	505		520	14	10	83	0	00		0	0	9	0	0									
21	05	9893	507		525	14	13	83	0	00		0	0	9	0	0									
21	08	9904	511		525	16	17	83	4	03		1	0	9	0	1									
21	11	9919	507		520	16	19	83	0	00		1	0	9	0	0									
21	14	9928	507		521	00	00	83	0	00		0	0	9	0	0									
21	17	9944	501		514	00	00	83	1	03		0	0	9	0	1									
21	20	9952	508		521	16	10	83	1	02		0	0	9	0	1									
21	23	9953	507		520	16	09	83	0	01		0	0	9	0	0				16	28	308	0000	501	511
22	02	9945	507		520	16	08	83	0	00		0	0	9	0	0									
22	05	9934	507		521	15	11	83	0	00		0	0	9	0	0									
22	08	9915	505		520	14	17	83	0	00		0	0	9	0	0									
22	11	9915	503		519	13	18	83	8	03		2	0	9	0	7									
22	14	9888	501		517	10	07	83	5	03		1	0	9	0	5			6						
22	17	9863	503		517	04	03	82	7	03		2	0	9	0	6			6						
22	20	9836	502		514	07	11	83	4	01		2	0	9	0	5									
22	23	9815	001		511	11	25	83	1	01		1	0	9	0	1				12	38	318	0000	001	509
23	02	9805	002		515	12	21	83	0	36		3	0	9	0	0									
23	05	9804	001		510	14	26	81	0	36		3	0	9	0	0									
23	08	9817	500		509	12	06	81	0	36		3	0	9	0	0									
23	11	9811	005		510	14	28	83	0	00		3	0	9	0	0									
23	14	9803	006		510	14	17	83	0	00		0	0	9	0	0									
23	17	9800	005		509	13	22	83	0	00		0	0	9	0	0									
23	20	9793	003		512	13	19	83	0	00		0	0	9	0	0									
23	23	9786	000		515	13	22	83	0	00		0	0	9	0	0				13	45	1537	0000	007	501
24	02	9784	001		515	13	31	83	1	03		0	0	9	3	0									
24	05	9773	001		514	14	32	83	0	00		0	0	9	0	0									
24	08	9763	003		512	13	40	81	5	03		1	0	9	7	0									
24	11	9764	007		509	13	31	81	8	03		2	4	6	4										
24	14	9769	008		003	13	31	04	8	38		3	0	9	1										
24	17	9772	010		001	12	32	40	8	02		3	0	9	1										
24	20	9779	009		001	12	31	24	8	36		3	8	6											
24	23	9781	010		001	13	30	80	8	36		3	8	6						13	54	665	0000	015	501
25	02	9792	010		501	13	21	83	8	00		2	8	6											
25	05	9798	010		503	12	18	83	8	00		2	8	7											
25	08	9804	008		506	12	25	83	8	00		2	8	7											
25	11	9815	009		506	13	22	83	8	00		2	8	7											
25	14	9825	011		504	12	11	83	8	02		2	0	9	0	7									
25	17	9835	009		505	13	10	83	3	01		1	0	9	0	7									
25	20	9845	006		509	13	05	83	2	01		1	0	9	0	7									
25	23	9854	005		512	13	20	83	0	00		0	0	9	0	0				13	38	767	0000	012	004
26	02	9868	006		509	13	28	83	0	00		0	0	9	0	0									
26	05	9875	004		511	12	23	83	1	03		1	5	7	0	0	2								
26	08	9891	007		507	12	22	83	7	03		1	5	6			2								
26	11	9901	009		504	12	23	82	8	70		7	5	6											
26	14	9918	010		502	12	19	32	8	70		7	5	4											
26	17	9925	010		000	12	19	80	8	02		2	5	4											
26	20	9931	009		505	12	25	82	8	01		2	3	6	2		2								
26	23	9938	008		505	12	21	83	8	02		2	5	6						12	43	625	0001	010	001
27	02	9937	004		509	15	22	83	0	00		1	0	9	0	0									
27	05	9945	001		514	14	19	83	1	03		0	0	9	3	0									
27	08	9950	005		509	14	14	83	1	02		0	0	9	3	0		2							
27	11	9947	007		509	13	21	83	1	02		0	0	9	3	0		2							
27	14	9948	010		506	12	13	83	0	01		0	0	9	0	0									
27	17	9941	010		506	13	17	83	0	00		0	0	9	0	0									
27	20	9941	005		509	13	07	83	0	00		0	0	9	0	0									
27	23	9936	001		513	14	12	83	0	00		0	0	9	0	0				14	31	1577	0000	012	501

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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	9932	000		514	14	19	83	0	00	6	0	0	9	6	0									
28	05	9928	000		514	14	25	83	0	00	6	0	0	9	6	0									
28	08	9922	001		513	14	16	83	0	00	6	0	0	9	6	0									
28	11	9925	008		509	14	07	83	0	00	6	0	0	9	6	0									
28	14	9924	010		508	14	05	83	0	00	6	0	0	9	6	0									
28	17	9929	010		508	14	05	83	0	00	6	0	0	9	6	0									
28	20	9932	003		512	14	12	83	0	00	6	0	0	9	6	0									
28	23	9932	000		511	15	12	83	0	00	6	0	0	9	6	0				13	33	411	0000	012	502
29	02	9922	502		512	15	20	83	0	00	6	0	0	9	6	0									
29	05	9918	001		514	15	20	83	0	00	6	0	0	9	6	0									
29	08	9907	001		514	15	20	83	0	00	6	0	0	9	6	0									
29	11	9895	009		509	13	12	83	8	03	1	0	0	9	6	7									
29	14	9879	010		507	13	15	83	8	02	2	0	0	9	6	7									
29	17	9870	010		506	13	06	83	8	02	2	0	0	9	6	7									
29	20	9863	007		509	13	17	83	8	02	2	0	0	9	6	7									
29	23	9850	007		509	13	15	83	0	00	1	0	0	9	6	0				16	34	446	0000	011	503
30	02	9832	008		509	13	18	83	0	00	6	0	0	9	6	0									
30	05	9797	011		508	13	31	83	8	00	2	6	0	9	6	7									
30	08	9798	010		507	12	29	83	8	02	2	0	0	9	7	7									
30	11	9783	013		504	11	28	83	8	03	2	0	0	9	7	1									
30	14	9783	018		000	11	22	83	8	03	2	8	5	8											
30	17	9782	019		001	11	19	83	8	03	2	8	5	4											
30	20	9780	017		000	11	25	83	8	03	2	8	5	6											
30	23	9765	016		501	12	31	83	8	02	2	8	5	6						12	42	1582	0000	019	007

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
01	02	9764	017		501	12	35	83	8	02	2	8	5	6											
01	05	9740	016		502	13	51	83	8	02	2	8	5	4			2								
01	08	9742	018		000	13	45	83	8	03	2	2	4	4	7	8									
01	11	9734	022		004	13	50	83	6	01	2	2	5	4	7	8									
01	14	9720	021		001	13	42	83	7	02	2	2	5	4	3	8		6							
01	17	9702	019		000	13	40	83	4	02	2	2	5	4	3	8									
01	20	9702	015		501	13	42	83	1	01	2	2	5	4	0	8									
01	23	9688	014		501	13	35	83	5	03	2	2	5	4	0	6				13	66	865	0000	022	011
02	02	9679	012		001	15	35	82	6	36	3	0	5	4	0	6									
02	05	9667	018		502	14	07	83	4	01	2	0	5	4	3	0									
02	08	9671	017		502	14	25	83	5	03	2	2	5	4	0	8	3								
02	11	9671	021		007	13	28	83	8	03	2	2	5	5	5	7	3								
02	14	9682	020		007	14	27	82	8	02	2	2	5	5	5	7	3								
02	17	9691	022		012	14	23	82	8	02	2	2	5	5	5	7	3								
02	20	9703	022		009	14	32	82	8	02	2	2	5	5	5	7	3								
02	23	9712	023		011	14	31	83	8	02	2	2	5	5	5	7	3			15	58	922	0000	025	011
03	02	9730	024		010	14	27	83	8	02	2	2	5	5	5	7									
03	05	9752	024		009	15	27	83	8	02	2	2	5	5	5	6									
03	08	9788	018		004	16	27	83	8	02	2	2	5	5	5	6									
03	11	9823	019		005	16	21	82	8	77	3	2	5	5	5	6									
03	14	9851	022		007	16	17	83	8	02	2	2	5	5	5	6									
03	17	9877	023		004	16	17	83	8	02	2	2	5	5	5	6									
03	20	9909	020		002	16	22	83	6	01	2	2	5	5	5	6									
03	23	9948	016		000	15	19	83	4	02	2	2	5	5	3	0				15	42	752	0000	025	015
04	02	9973	015		000	15	16	83	5	02	2	0	5	5	3	0									
04	05	9994	010		504	17	30	83	5	02	2	0	5	5	3	0									
04	08	0010	010		504	17	22	83	1	02	2	0	5	5	3	0									
04	11	0025	017		501	17	17	83	1	02	2	0	5	5	3	0									
04	14	0032	020		002	16	17	83	0	01	2	0	5	5	3	0									
04	17	0044	020		002	17	14	83	0	00	2	0	5	5	3	0									
04	20	0052	016		503	17	22	83	1	03	2	0	5	5	3	0									
04	23	0067	011		506	17	28	83	1	02	1	0	5	5	3	5				17	42	611	0000	021	008
05	02	0073	012		507	00	00	83	2	03	1	0	5	5	5	5									
05	05	0068	012		505	17	02	83	5	02	2	0	5	5	5	7									
05	08	0044	012		505	00	00	83	8	03	2	0	5	5	7	0									
05	11	0037	012		501	00	00	83	8	02	2	0	5	5	7	0									
05	14	0002	015		006	00	00	83	8	02	2	0	5	5	7	0									
05	17	9976	016		007	00	00	83	4	01	1	0	5	5	7	0									
05	20	9969	017		003	13	11	83	3	01	1	0	5	5	7	0									
05	23	9976	018		502	15	19	83	1	02	0	0	5	5	7	1				15	38	495	0000	018	010
06	02	9977	013		501	00	00	83	1	02	0	0	5	5	7	1									
06	05	9982	011		503	00	00	83	5	02	2	0	5	5	7	8									
06	08	9985	013		000	00	00	83	1	02	2	0	5	5	7	0									
06	11	9990	019		004	00	00	83	7	03	1	2	5	5	7	0									
06	14	9994	016		005	00	00	83	8	03	2	2	5	5	7	0									
06	17	9995	016		004	00	00	83	8	02	2	2	5	5	7	0									
06	20	9996	015		001	10	05	83	8	02	2	2	5	5	7	0									
06	23	9995	013		002	13	02	83	8	02	2	2	5	5	7	0				22	31	173	0000	019	009
07	02	9990	011		000	00	00	83	5	01	2	0	5	5	3	0									
07	05	0001	009		001	00	00	83	4	01	2	0	5	5	3	0									
07	08	9992	010		001	00	00	83	8	03	2	0	5	5	3	3									
07	11	9995	013		502	00	00	83	8	02	2	0	5	5	3	3									
07	14	9975	014		001	00	00	83	8	02	2	0	5	5	3	3									
07	17	9971	015		001	00	00	83	8	01	2	0	5	5	3	0									
07	20	9935	011		000	00	00	83	8	03	1	0	5	5	0	9									
07	23	9908	011		503	11	10	83	8	02	2	0	5	5	0	7				12	23	155	0000	015	008
08	02	9878	011		503	00	00	83	8	02	2	0	5	5	0	7									
08	05	9845	011		503	12	10	83	8	02	2	0	5	5	7	7									
08	08	9815	014		503	13	26	83	8	02	2	0	5	5	7	7									
08	11	9775	019		501	13	28	83	8	02	2	0	5	5	7	6									
08	14	9759	020		000	12	26	83	7	02	2	0	5	5	7	6									
08	17	9750	018		502	12	31	83	6	02	2	0	5	5	6	1									
08	20	9744	015		505	12	27	83	3	01	2	0	5	5	0	1									
08	23	9757	011		509	17	22	83	1	01	0	0	5	5	0	1				12	42	250	0000	021	010
09	02	9760	009		510	14	13	83	1	00	0	0	5	5	0	1									
09	05	9760	007		510	14	09	83	0	01	0	0	5	5	0	0									
09	08	9770	008		511	14	10	83	0	00	0	0	5	5	0	0									
09	11	9781	012		511	13	01	83	0	00	0	0	5	5	0	0									
09	14	9780	015		509	00	00	83	0	00	0	0	5	5	0	0									
09	17	9777	012		510	00	00	83	0	00	0	0	5	5	0	0									
09	20	9784	007		512	00	00	83	0	00	0	0	5	5	0	0									
09	23	9793	003		515	15	05	83	0	00	0	0	5	5	0	0				16	38	1593	0000	015	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
10	02	9790	002		518	00	00	83	0	00	0	0	0	9	0	0									
10	05	9788	002		516	13	26	83	0	00	0	0	0	9	0	0									
10	08	9792	005		513	14	14	83	0	00	0	0	0	9	0	0									
10	11	9796	010		512	00	00	83	0	00	0	0	0	9	0	0									
10	14	9793	015		509	13	14	83	0	00	0	0	0	9	0	0									
10	17	9799	015		504	00	00	83	6	03	1	0	0	9	3	0			3	3					
10	20	9804	011		505	13	05	83	4	01	2	4	5	7	0	0									
10	23	9810	013		503	00	00	83	4	02	2	4	5	6	0	0				13	33	410	0000	015	001
11	02	9817	014		502	12	12	83	6	03	2	6	5	6	07	0									
11	05	9813	016		501	13	14	83	7	03	2	7	0	9			2								
11	08	9811	017		002	13	18	83	7	02	2	8	5	4			2								
11	11	9828	021		007	13	05	83	8	02	2	8	5	5			2								
11	14	9838	022		009	13	06	82	8	02	2	8	5	5			2								
11	17	9842	023		011	14	07	83	8	02	2	8	5	6			2								
11	20	9847	023		011	14	19	83	8	02	2	8	5	6			2								
11	23	9853	022		012	14	16	82	8	02	2	8	5	6						14	32	385	0000	024	013
12	02	9862	023		013	14	11	82	8	02	2	8	5	6											
12	05	9872	023		012	14	17	82	8	02	2	8	5	6											
12	08	9892	023		014	14	04	82	8	22	2	8	5	6											
12	11	9889	026		014	14	20	83	7	01	2	7	5	6			2								
12	14	9903	028		016	00	00	83	8	02	2	8	5	6											
12	17	9891	027		015	13	09	83	8	02	2	8	5	6											
12	20	9881	019		008	14	13	83	6	01	2	6	5	9	3	0									
12	23	9880	017		006	14	21	83	1	01	2	6	5	9	3	0				13	33	1524	0000	028	015
13	02	9851	015		003	14	22	83	1	02	0	0	0	9	3	0									
13	05	9847	014		003	13	17	83	1	02	1	2	0	9	3	0									
13	08	9810	018		003	13	31	83	8	03	2	8	0	9	3										
13	11	9791	022		005	13	26	83	8	02	2	8	5	7											
13	14	9767	024		007	13	28	83	8	02	2	8	5	6											
13	17	9767	023		007	13	32	83	8	02	2	8	5	5											
13	20	9759	022		006	13	33	83	8	02	2	8	5	4											
13	23	9757	021		007	13	30	83	8	02	2	8	5	4						13	38	1538	0000	024	014
14	02	9747	018		010	13	28	83	7	02	3	7	5	5											
14	05	9748	018		009	13	28	82	5	03	1	1	5	6	7	5	2								
14	08	9747	020		007	13	31	83	7	03	2	3	5	5	3	7									
14	11	9756	024		007	13	28	83	8	02	2	0	0	9	3	7									
14	14	9752	024		009	13	20	83	7	02	2	1	0	9	3	7									
14	17	9751	022		009	13	22	83	6	02	2	0	0	9	3	7									
14	20	9761	020		004	13	21	83	7	02	2	1	0	9	4	7									
14	23	9763	017		002	15	23	83	2	01	2	0	0	9	4	0				14	38	806	0000	024	017
15	02	9765	017		002	15	23	83	1	01	2	0	0	9	4	0									
15	05	9780	015		501	16	16	83	6	00	2	0	0	9	5	0									
15	08	9798	015		000	00	00	83	3	01	2	0	0	9	0	1									
15	11	9807	020		002	15	08	83	3	02	2	0	0	9	0	1									
15	14	9817	022		005	00	00	83	0	01	2	0	0	9	0	0									
15	17	9826	022		004	00	00	83	0	00	2	0	0	9	0	0									
15	20	9859	015		002	00	00	83	0	00	2	0	0	9	0	0									
15	23	9843	012		503	13	12	83	0	00	2	0	0	9	0	0				14	33	660	0000	023	011
16	02	9860	009		506	14	07	83	0	00	2	0	0	9	0	0									
16	05	9865	005		510	16	10	83	0	00	2	0	0	9	0	0									
16	08	9874	008		506	00	00	83	0	00	2	0	0	9	0	0									
16	11	9878	015		504	00	00	83	0	00	2	0	0	9	0	0									
16	14	9887	018		502	12	05	83	0	00	2	0	0	9	0	0									
16	17	9893	016		502	00	00	83	0	00	2	0	0	9	0	0									
16	20	9898	011		504	00	00	83	0	00	2	0	0	9	0	0									
16	23	9899	004		509	16	10	83	0	00	2	0	0	9	0	0				14	18	347	0000	018	003
17	02	9902	003		511	15	12	83	0	00	2	0	0	9	0	0									
17	05	9891	000		514	15	17	83	0	03	2	0	0	9	3	0									
17	08	9903	002		512	16	15	83	1	02	2	1	0	9	3	0									
17	11	9886	010		507	14	12	83	0	01	2	1	0	9	0	0									
17	14	9881	014		504	10	04	83	0	03	2	0	0	9	0	5									
17	17	9885	012		505	09	07	83	6	03	2	0	0	9	0	6									
17	20	9890	007		507	11	09	83	7	03	2	0	0	9	0	7									
17	23	9890	004		511	12	20	83	2	01	1	0	0	9	0	8				13	32	364	0000	014	000
18	02	9899	004		511	12	21	83	7	03	2	0	0	9	0	6									
18	05	9896	005		510	13	22	83	8	03	2	0	0	9	5	0									
18	08	9885	007		509	11	22	83	8	03	2	0	0	9	0	7									
18	11	9877	012		504	11	23	83	7	01	2	0	0	9	0	8									
18	14	9864	013		504	11	22	83	8	03	2	0	0	9	0	8									
18	17	9817	012		504	11	37	83	8	02	2	0	0	9	0	8									
18	20	9785	010		505	11	42	83	8	03	2	7	0	9	0	4									
18	23	9722	011		506	12	46	83	8	03	2	0	0	9	2					12	73	1541	0000	013	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
19	02	9684	013		501	12	52	82	8	02	2	0	0	9	2										
19	05	9632	013		012	13	57	04	8	37	3	0	0	9	2										
19	08	9606	012		012	13	61	00	9	39	3	0	0	9											
19	11	9587	015		011	13	52	00	9	36	3	0	0	9											
19	14	9571	014		010	13	56	00	9	36	3	0	0	9											
19	17	9583	016		012	13	52	00	9	36	3	0	0	9											
19	20	9584	017		014	13	52	00	9	36	3	0	0	9											
19	23	9577	017		015	13	52	16	9	37	3	0	0	9	0	0						592	0000		
20	02	9568	019		016	13	52	16	9	37	3	9													
20	05	9570	022		019	13	55	16	8	38	3	8	5	4											
20	08	9596	021		021	13	31	16	8	38	3	8	5	4											
20	11	9610	023		022	13	34	08	9	38	3	9													
20	14	9623	024		023	11	32	00	8	38	3	9	0	9	1										
20	17	9641	021		021	11	43	00	9	38	3	9													
20	20	9666	020		020	11	40	24	8	36	3	8	5	4								386	0017		
20	23	9664	020		020	12	30	24	8	36	3	8	5	4											
21	02	9677	021		021	12	21	24	8	36	3	8	5	4											
21	05	9689	020		020	11	39	02	9	36	3	9													
21	08	9702	020		020	12	45	00	9	38	3	9													
21	11	9695	025		015	13	40	00	7	02	3	0	0	9				3							
21	14	9692	025		015	13	42	00	8	03	3	0	0	9											
21	17	9701	026		015	13	35	81	8	03	3	0	0	9											
21	20	9696	024		014	13	35	83	8	03	2	0	5	8	3	6									
21	23	9712	020		017	13	30	40	8	36	3	8	5	6	3							646	0043	026	019
22	02	9716	019		019	13	43	08	8	36	3	8	5	6											
22	05	9739	019		016	11	31	82	8	36	3	0	0	9	7	9									
22	08	9765	020		016	11	06	82	8	03	2	3	5	6	4	9									
22	11	9767	023		017	11	16	82	8	03	2	6	5	6	0	9									
22	14	9765	025		020	00	00	81	8	70	7	6	5	6	3	0									
22	17	9764	025		021	00	00	81	5	70	7	3	5	6	2										
22	20	9776	020		016	09	10	84	8	03	2	3	5	6	4	0						852	0023	025	015
22	23	9799	015		010	12	22	84	6	01	2	0	0	9											
23	02	9794	016		009	12	20	84	7	03	2	0	0	9	4										
23	05	9785	018		010	12	13	84	8	03	2	7	5	5	5	8									
23	08	9782	020		011	12	19	84	7	02	2	5	5	6											
23	11	9781	021		013	12	11	84	5	01	2	7	5	6											
23	14	9781	025		016	09	12	84	7	02	2	6	5	6	0	6	3								
23	17	9785	023		016	07	06	83	8	02	2	8	5	6			3								
23	20	9793	018		011	11	20	84	8	02	2	4	5	6	3	5	3			11	31	401	0000	025	015
23	23	9804	017		012	10	14	84	7	02	2	7	5	6											
24	02	9814	014		006	15	20	84	7	02	2	7	5	6			3								
24	05	9830	011		002	12	13	84	7	02	3	7	5	6											
24	08	9825	013		002	13	25	84	7	01	3	0	0	9											
24	11	9827	018		006	12	12	84	0	00	0	0	0	9											
24	14	9836	021		008	00	00	84	0	00	0	0	0	9											
24	17	9857	020		008	00	00	84	0	00	0	0	0	9											
24	20	9851	020		010	00	00	84	0	00	0	0	0	9	0	0									
24	23	9862	012		005	00	00	84	0	00	0	0	0	9	0	0				15	31	412	0000	023	010
25	02	9879	010		003	15	05	84	0	00	0	0	0	9	0	0									
25	05	9892	007		000	00	00	84	0	00	0	0	0	9	0	0									
25	08	9901	011		001	00	00	84	0	00	0	0	0	9	0	0									
25	11	9904	016		004	00	00	84	0	00	0	0	0	9	0	0									
25	14	9913	017		007	09	08	84	1	03	1	5	5	6	0	0	2								
25	17	9912	015		006	08	06	84	5	02	1	7	5	5	0	0	2								
25	20	9917	013		006	00	00	84	7	02	2	7	5	5	0	0	2			13	26	234	0000	017	007
25	23	9917	012		005	09	05	81	7	02	2	7	5	5	0	0	2								
26	02	9905	002		505	13	19	83	1	01	1	1	5	6	0	0									
26	05	9912	001		507	13	23	83	5	03	1	5	5	6	0	0	3								
26	08	9903	004		504	12	25	83	2	01	1	2	5	6	0	0	3								
26	11	9895	011		501	12	17	83	1	01	1	1	5	7	0	0									
26	14	9893	015		000	09	11	83	1	02	1	0	5	7	0	0									
26	17	9877	012		002	08	10	83	1	02	1	0	5	9	0	1									
26	20	9873	009		000	08	05	83	4	03	1	0	5	9	0	5									
26	23	9866	003		005	12	16	83	1	01	1	0	5	9	0	5				12	38	343	0000	016	000
27	02	9840	005		505	15	21	83	1	02	0	0	5	9	0	5									
27	05	9825	005		505	15	25	83	4	03	1	0	5	9	0	8									
27	08	9824	007		503	15	24	83	7	03	2	0	5	9	0	6									
27	11	9822	014		001	12	25	83	5	02	2	0	5	9	0	5									
27	14	9820	017		005	12	22	86	2	01	1	0	5	9	0	6									
27	17	9819	017		005	12	20	85	3	03	1	0	5	9	0	6									
27	20	9824	013		001	12	12	83	0	01	0	0	5	9	0	0									
27	23	9830	007		504	16	33	83	0	00	0	0	5	9	0	0				16	44	452	0000	017	002

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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	9832	005		506	16	33	83	0	00	0	0	0	9	0	0									
28	05	9830	002		506	12	35	83	0	00	0	0	0	9	0	0									
28	08	9827	005		504	16	32	83	0	00	0	0	0	9	0	0									
28	11	9829	017		003	15	11	83	0	00	0	0	0	9	0	0									
28	14	9835	021		007	15	15	83	0	00	0	0	0	9	0	0									
28	17	9845	019		006	00	00	83	1	03	1	0	0	9	3	0									
28	20	9850	017		005	11	19	83	5	03	1	5	5	8	0	0	3								
28	23	9849	017		005	13	16	83	7	02	2	7	5	7			3			13	47	661	0000	021	002
29	02	9834	018		006	13	22	83	6	02	2	6	5	7											
29	05	9825	018		007	12	21	82	8	02	2	8	5	6			2								
29	08	9813	020		009	14	19	83	8	03	0	0	0	9	0	5	3								
29	11	9811	024		013	14	17	83	7	01	2	4	5	5	3		3								
29	14	9809	026		014	11	15	83	8	02	2	8	5	6											
29	17	9801	027		014	13	08	83	7	02	2	0	0	9	3			3							
29	20	9791	021		009	12	19	83	4	01	2	4	5	7	0	0	2								
29	23	9791	021		009	15	21	83	5	01	1	5	5	7	0	0	2			12	32	489	0000	026	017
30	02	9798	015		003	15	30	83	1	03	0	0	0	9	0	5									
30	05	9780	013		002	16	28	83	8	02	2	0	0	9	4	7									
30	08	9783	017		003	15	26	83	7	02	2	0	0	9	0	6									
30	11	9790	025		012	00	00	83	2	02	1	1	5	7	0	1	2								
30	14	9798	028		014	16	17	83	1	02	1	1	1	6	0	0									
30	17	9816	028		014	00	00	83	3	03	1	0	0	9	3	0									
30	20	9837	025		015	16	09	83	7	03	2	0	0	9	3										
30	23	9854	023		013	15	13	83	7	02	2	0	0	9	3					16	39	1560	0000	029	013
31	02	9863	021		009	16	21	83	7	02	2	0	0	9	3										
31	05	9871	021		009	15	24	83	7	02	2	7	5	9											
31	08	9886	022		010	15	17	83	8	03	2	8	5	6											
31	11	9888	027		013	16	13	83	8	02	2	8	5	6											
31	14	9890	029		013	15	14	83	2	01	1	0	0	9	3	0		2							
31	17	9890	025		015	15	12	83	6	02	1	0	0	9	0	7									
31	20	9889	025		013	15	06	83	6	02	1	0	0	9	3	8									
31	23	9887	018		006	17	22	83	7	02	2	0	0	9	0	7				13	39	1545	0000	029	018

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	9885	015		004	16	26	83	5	01	2	0	0	9	0	8									
01	05	9879	012		001	16	22	83	6	03	2	0	0	9	3	6			7						
01	08	9872	019		006	16	16	83	1	01	1	0	0	9	0	8									
01	11	9868	024		010	13	14	83	1	01	1	0	0	9	0	8									
01	14	9873	023		010	27	01	83	1	02	0	0	0	9	0	1									
01	17	9881	024		011	24	01	83	0	00	0	0	0	9	0	0									
01	20	9879	025		013	13	03	83	0	00	0	0	0	9	0	0									
01	23	9884	018		006	14	11	83	0	00	0	0	0	9	0	0				16	33	409	0000	027	012
02	02	9895	015		002	16	14	83	0	00	0	0	0	9	0	0									
02	05	9900	013		000	16	13	83	0	00	0	0	0	9	0	0									
02	08	9911	015		001	16	16	83	0	00	0	0	0	9	0	0									
02	11	9925	020		005	13	11	83	0	00	0	0	0	9	0	0									
02	14	9930	025		011	00	00	83	1	03	0	0	0	9	3	0									
02	17	9935	024		010	00	00	83	1	02	0	0	0	9	3	0									
02	20	9943	019		009	00	00	83	0	01	0	0	0	9	0	0									
02	23	9948	016		007	14	04	83	0	00	0	0	0	9	0	0				15	30	299	0000	025	013
03	02	9951	013		004	16	11	83	0	00	0	0	0	9	0	0									
03	05	9948	010		000	17	05	83	0	00	0	0	0	9	0	0									
03	08	9951	014		001	14	13	83	1	03	1	0	0	9	3	0		5							
03	11	9946	019		004	00	00	83	3	03	1	0	0	9	0	1									
03	14	9949	017		004	00	00	83	3	02	1	0	0	9	0	1									
03	17	9937	017		005	00	00	83	3	02	1	0	0	9	0	1									
03	20	9925	018		007	00	00	83	0	01	1	0	0	9	0	0									
03	23	9923	015		007	00	00	83	0	00	0	0	0	9	0	0				17	23	232	0000	020	009
04	02	9927	010		000	17	12	83	0	00	0	0	0	9	0	0									
04	05	9894	010		502	18	02	83	7	02	2	0	0	9	0	1									
04	08	9888	012		000	00	00	83	4	01	1	0	0	9	0	8									
04	11	9882	015		005	00	00	83	2	01	1	0	0	9	0	8									
04	14	9881	017		009	00	00	83	0	01	0	0	0	9	0	0									
04	17	9875	022		010	00	00	83	0	00	0	0	0	9	0	0									
04	20	9876	017		007	00	00	83	0	00	0	0	0	9	0	0									
04	23	9878	011		002	00	00	83	1	03	0	0	0	9	3	0				17	25	266	0000	022	004
05	02	9881	012		002	00	00	83	6	03	2	0	0	9	3	0									
05	05	9884	012		001	00	00	83	6	02	2	0	0	9	3	0		6							
05	08	9891	017		003	13	05	83	8	03	2	0	0	9	5										
05	11	9900	019		005	10	09	83	8	02	2	0	0	9	5										
05	14	9914	021		008	08	10	83	3	01	1	0	0	9	0	9									
05	17	9929	021		006	04	05	83	3	02	1	0	0	9	0	9									
05	20	9939	018		008	09	05	83	2	01	1	0	0	9	0	9									
05	23	9957	012		001	12	10	83	1	01	1	0	0	9	0	9				12	19	122	0000	022	011
06	02	9955	012		000	15	10	83	1	02	1	0	0	9	0	8									
06	05	9956	010		501	16	23	83	8	03	2	0	0	9	0	6									
06	08	9966	018		004	12	11	83	8	03	2	0	0	9	0	7									
06	11	9966	020		007	12	17	83	7	02	2	0	0	9	0	7									
06	14	9962	027		013	12	17	83	7	02	2	0	0	9	0	7									
06	17	9961	026		012	12	17	83	8	03	2	0	0	9	0	7									
06	20	9957	022		009	12	18	83	5	01	2	0	0	9	4	0									
06	23	9952	020		004	12	22	83	8	03	2	0	0	9	1					14	35	400	0000	027	010
07	02	9950	018		004	12	19	83	7	02	2	0	0	9	7										
07	05	9944	016		001	13	19	83	4	01	2	0	0	9	0	8									
07	08	9927	019		004	13	22	83	1	01	0	0	0	9	3	0									
07	11	9920	023		009	13	13	83	1	02	0	0	0	9	3	0									
07	14	9917	025		011	00	00	83	0	01	0	0	0	9	0	0									
07	17	9908	024		010	00	00	83	0	00	0	0	0	9	0	0									
07	20	9883	022		010	00	00	83	0	00	0	0	0	9	0	0									
07	23	9872	018		008	13	14	83	0	00	0	0	0	9	0	0				13	33	1527	0000	026	015
08	02	9863	017		004	13	14	83	0	00	0	0	0	9	0	0									
08	05	9864	015		003	17	09	83	0	00	0	0	0	9	0	0									
08	08	9852	019		005	13	16	83	0	00	0	0	0	9	0	0									
08	11	9854	024		009	13	08	83	0	00	0	0	0	9	0	0									
08	14	9871	027		012	00	00	83	0	00	0	0	0	9	0	0									
08	17	9870	027		013	00	00	83	0	00	0	0	0	9	0	0									
08	20	9882	026		014	00	00	83	0	00	0	0	0	9	0	0									
08	23	9890	016		006	14	16	83	0	00	0	0	0	9	0	0				15	28	349	0000	028	015
09	02	9903	012		002	15	20	83	0	00	0	0	0	9	0	0									
09	05	9910	011		000	13	22	83	1	03	0	1	5	5	0	0									
09	08	9923	015		006	15	19	83	5	03	2	0	0	9	3	0									
09	11	9929	022		010	13	07	83	5	03	2	0	0	9	3	0									
09	14	9937	025		011	09	04	83	2	01	2	0	0	9	3	0									
09	17	9947	023		012	00	00	83	6	02	2	0	0	9	3	0		3							
09	20	9967	021		009	11	06	83	3	01	2	0	0	9	3	0		3							
09	23	9962	017		008	10	08	83	4	02	2	0	0	9	3	0		2		14	31	346	0000	025	011

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	9967	015		005	11	09	83	6	02	2	0	0	9	3	0		2							
10	05	9974	015		005	12	14	82	5	02	2	0	0	9	3	0		2							
10	08	9969	018		006	13	16	83	5	02	2	0	0	9	3	0									
10	11	9968	022		009	13	09	83	6	03	2	0	0	9	3	0									
10	14	9958	026		013	06	05	83	5	02	2	0	0	9	3	0		3							
10	17	9959	023		012	00	00	83	3	01	2	1	5	6	0	0	2								
10	20	9956	022		011	12	05	83	1	02	1	1	5	6	0	0									
10	23	9953	015		002	12	22	83	0	01	0	0	0	9	0	0				12	30	314	0000	026	013
11	02	9950	015		002	12	22	83	0	00	0	0	0	9	0	0									
11	05	9948	015		004	13	17	83	0	03	1	7	5	5			3								
11	08	9951	018		006	13	15	83	7	02	2	7	5	5			3								
11	11	9953	021		010	12	06	82	8	02	2	8	5	5											
11	14	9949	024		013	09	04	81	8	02	2	8	5	5											
11	17	9954	022		012	00	00	81	8	02	2	8	5	5											
11	20	9949	022		013	00	00	81	8	02	2	8	5	5											
11	23	9948	021		013	00	00	82	8	02	2	8	5	5	0	0				13	31	394	0000	025	015
12	02	9952	020		013	00	00	83	8	02	2	8	5	5											
12	05	9956	020		013	00	00	83	8	02	2	8	5	5											
12	08	9958	021		016	00	00	82	8	02	2	8	5	6											
12	11	9957	025		017	00	00	82	8	02	2	8	5	6				7							
12	14	9963	024		017	00	00	81	8	02	2	8	5	4											
12	17	9969	023		018	00	00	82	8	02	2	8	5	4											
12	20	9967	023		017	00	00	83	8	02	2	8	5	6											
12	23	9973	022		017	00	00	83	6	02	2	8	5	6						13	04	175	0000	027	020
13	02	9976	021		016	00	00	83	8	02	2	8	5	6											
13	05	9979	020		015	00	00	83	8	02	2	8	5	6											
13	08	9981	022		015	00	00	83	8	02	2	8	5	6											
13	11	9984	022		015	00	00	83	8	02	2	8	5	6											
13	14	9978	023		016	00	00	83	8	02	2	8	5	6											
13	17	9975	023		017	00	00	83	8	02	2	8	5	6											
13	20	9971	021		015	00	00	83	8	02	2	8	5	6											
13	23	9963	021		017	00	00	83	8	02	2	8	5	6						24	06	115	0000	023	020
14	02	9951	020		018	00	00	83	8	02	2	8	5	6											
14	05	9944	018		009	00	00	82	8	02	2	8	5	6											
14	08	9939	013		006	15	18	83	7	01	2	7	5	8			3								
14	11	9924	021		010	12	06	83	1	01	1	1	5	8	0	0	2								
14	14	9920	026		009	00	00	83	1	01	1	0	0	9	3	0									
14	17	9914	025		009	00	00	83	0	00	0	0	0	9	0	0									
14	20	9910	025		009	00	00	83	0	00	0	0	0	9	0	0									
14	23	9906	017		008	13	10	83	0	00	0	0	0	9	0	0				13	30	177	0000	026	015
15	02	9902	014		004	13	18	83	0	00	0	0	0	9	0	0									
15	05	9892	010		000	17	22	83	0	00	0	0	0	9	0	0									
15	08	9885	015		004	13	15	83	0	00	0	0	0	9	0	0									
15	11	9873	024		010	00	00	83	0	00	0	0	0	9	0	0									
15	14	9873	024		010	00	00	83	1	03	0	0	0	9	3	0									
15	17	9867	023		012	00	00	83	2	03	1	0	0	9	0	1									
15	20	9869	023		013	00	00	83	0	01	0	0	0	9	0	0									
15	23	9868	018		010	12	05	83	0	00	0	0	0	9	0	0				17	37	331	0000	026	010
16	02	9876	012		002	14	23	83	0	00	0	0	0	9	0	0									
16	05	9891	008		502	15	24	83	0	00	0	0	0	9	0	0									
16	08	9898	016		004	13	13	83	0	00	0	0	0	9	0	0									
16	11	9909	020		007	13	13	83	0	00	0	0	0	9	0	0									
16	14	9921	026		011	10	08	83	0	00	0	0	0	9	0	0									
16	17	9936	026		007	10	05	83	0	00	0	0	0	9	0	0									
16	20	9958	021		009	12	06	83	0	00	0	0	0	9	0	0									
16	23	9962	015		005	15	17	83	1	02	0	0	0	9	0	1				14	33	294	0000	026	008
17	02	9968	013		002	15	21	83	2	02	0	0	0	9	0	1									
17	05	9969	011		501	14	22	83	1	03	0	0	0	9	0	1									
17	08	9965	017		005	14	11	83	1	02	0	0	0	9	0	1									
17	11	9960	023		010	12	11	83	1	02	0	0	0	9	0	0									
17	14	9961	028		012	05	05	83	0	01	0	0	0	9	0	0									
17	17	9958	026		013	00	00	83	0	00	0	0	0	9	0	0									
17	20	9957	023		011	00	00	83	0	00	0	0	0	9	0	0									
17	23	9953	021		010	13	08	83	0	00	0	0	0	9	0	0				15	31	462	0000	028	010
18	02	9945	013		002	15	22	83	0	00	0	0	0	9	0	0									
18	05	9950	014		501	16	19	83	0	00	0	0	0	9	0	0									
18	08	9947	019		008	16	13	83	0	00	0	0	0	9	0	0									
18	11	9949	024		014	00	00	83	2	03	0	0	0	9	0	1									
18	14	9950	029		015	00	00	83	3	03	0	0	0	9	3	1									
18	17	9957	026		014	00	00	83	6	03	2	0	0	9	3	1									
18	20	9959	027		015	00	00	83	6	02	2	0	0	9	3	1									
18	23	9966	023		015	00	00	83	4	01	1	0	0	9	9	0				15	33	340	0000	029	013

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
19	02	9963	021		010	17	13	83	7	03	2	0	0	9	9	0									
19	05	9967	021		009	16	08	83	3	01	1	0	0	9	3	0									
19	08	9968	025		012	16	04	83	6	03	2	0	0	9	9	0									
19	11	9970	030		014	14	09	83	0	01	2	0	0	9	9	0									
19	14	9971	035		019	13	08	83	0	00	2	0	0	9	9	0									
19	17	9979	030		018	00	00	83	0	00	2	0	0	9	9	0									
19	20	9981	028		019	00	00	83	0	00	2	0	0	9	9	0									
19	23	9982	023		014	13	07	83	1	02	2	0	0	9	9	0				18	26	189	0000	037	020
20	02	9977	020		010	13	11	83	1	02	2	0	0	9	9	0									
20	05	9970	020		009	13	15	83	0	00	2	0	0	9	9	0									
20	08	9966	024		011	12	17	83	2	03	2	0	0	9	9	3									
20	11	9965	029		016	13	09	83	2	02	2	0	0	9	9	3									
20	14	9964	030		018	05	04	83	4	03	2	0	0	9	9	0									
20	17	9975	031		018	00	00	83	6	03	2	1	0	9	9	5									
20	20	9960	027		019	00	00	83	8	03	2	1	0	9	9	5									
20	23	9960	026		019	08	05	83	8	03	2	1	0	8	9	6				12	26	328	0000	033	018
21	02	9958	025		015	12	14	83	8	03	2	8	5	5	5	1									
21	05	9961	025		014	12	17	83	8	02	2	8	5	5	5	0									
21	08	9965	025		014	12	22	83	8	02	2	8	5	5	4	0									
21	11	9965	026		014	10	26	83	8	70	2	8	5	5	4	3									
21	14	9986	027		018	10	22	16	8	71	2	8	5	5	3	3									
21	17	9990	025		019	10	26	16	8	71	2	8	5	5	3	3									
21	20	0001	024		023	10	31	08		38	3														
21	23	0005	023		023	10	31	08		38	3									11	42	364	0000	027	024
22	02	0024	024		024	10	30	08		38	3														
22	05	0046	025		025	11	19	16		38	3														
22	08	0062	027		026	11	22	08		38	3														
22	11	0071	033		027	09	04	08	8	36	3	8	5	5	3	3									
22	14	0085	030		025	03	06	82	8	02	2	8	5	5	6	6									
22	17	0083	030		023	00	00	82	8	02	2	8	5	5	6	6									
22	20	0081	029		024	00	00	83	8	01	1	8	5	5	6	9	3								
22	23	0078	024		023	00	00	83	1	01	0	8	0	0	9	9	3			12	35	807	0000	036	023
23	02	0053	023		022	00	00	83	2	02	0	0	0	0	9	9	5		3						
23	05	0026	023		020	00	00	83	4	03	1	0	0	0	9	9	0		3						
23	08	9999	029		023	36	04	83	2	03	1	0	0	0	9	9	1								
23	11	9966	035		022	00	00	83	1	03	1	0	0	0	9	9	1	2							
23	14	9957	033		024	05	08	83	3	03	1	0	0	0	9	9	0								
23	17	9900	029		026	13	31	82	5	03	1	0	0	0	9	9	5		3						
23	20	9873	025		024	13	39	00	1	36	3	0	0	0	9	9	0								
23	23	9912	026		018	00	00	83	1	02	3	0	0	0	9	9	0			14	60	212	0000	040	021
24	02	9873	028		014	13	33	83	2	02	0	0	0	0	9	9	3								
24	05	9871	027		012	13	35	83	0	00	0	0	0	0	9	9	0								
24	08	9870	027		014	13	35	83	0	00	0	0	0	0	9	9	0								
24	11	9885	027		016	13	28	83	0	00	0	0	0	0	9	9	0								
24	14	9884	025		015	13	34	83	0	00	0	0	0	0	9	9	0								
24	17	9886	024		015	12	31	83	0	00	0	0	0	0	9	9	0								
24	20	9886	022		014	12	19	83	6	03	2	1	0	0	7	7	0								
24	23	9880	017		009	12	23	83	1	01	2	1	0	0	7	9	0			12	55	632	0000	028	017
25	02	9871	017		008	12	31	83	3	03	1	0	0	0	7	9	0								
25	05	9871	019		009	13	25	83	7	02	2	0	0	0	3	9	6								
25	08	9867	022		012	13	26	83	8	03	2	0	0	0	3	4	6								
25	11	9862	024		014	13	28	83	8	03	2	0	0	0	3	4		1							
25	14	9857	024		014	12	32	82	8	02	2	0	0	0	3	4		2							
25	17	9853	024		015	13	34	82	7	01	2	0	0	0	4	6									
25	20	9846	023		012	13	36	83	4	02	2	0	0	0	6	9			5						
25	23	9851	023		011	13	39	83	8	02	1	0	0	0	9	3				13	53	807	0000	025	017
26	02	9850	024		011	13	35	83	8	02	1	8	5	5	3	3									
26	05	9844	024		011	13	40	83	8	02	2	8	5	5	3	5									
26	08	9841	024		013	13	40	83	8	02	2	8	5	5	5	7		3							
26	11	9843	026		017	13	31	83	8	02	2	8	5	5	7	7									
26	14	9841	029		017	13	30	83	8	02	2	8	5	5	7	7		2							
26	17	9847	027		018	13	30	83	8	02	2	8	5	5	7	7		2							
26	20	9847	025		015	13	30	83	8	02	2	8	5	5	7	7		2							
26	23	9854	024		014	13	27	83	8	02	2	8	5	5	7	7	1			13	55	917	0000	029	023
27	02	9855	023		012	13	31	83	6	02	1	0	0	0	9	9									
27	05	9876	021		015	13	31	83	8	03	2	0	0	0	9	9	7	6							
27	08	9900	023		017	13	25	83	8	02	2	0	0	0	9	9	7		6						
27	11	9917	028		018	13	22	83	7	01	2	0	0	0	9	9	3								
27	14	9938	030		020	13	13	83	7	02	2	0	0	0	9	9	3								
27	17	9948	029		023	09	09	83	5	02	2	0	0	0	9	9	3								
27	20	9963	029		021	00	00	83	1	01	2	0	0	0	9	9	3								
27	23	9961	024		016	00	00	83	1	01	1	0	0	0	9	9	3	0		12	45	913	0000	031	021

Results of Surface Observations,
MAWSON – Nov., 1957

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	9962	018		011	15	05	83	0	01	0	0	0	9	0	0									
28	05	9954	020		011	14	05	83	1	03	0	0	0	9	3	0									
28	08	9936	022		012	13	12	83	0	01	0	0	0	9	0	0									
28	11	9936	028		014	00	00	83	0	00	0	0	0	9	0	0									
28	14	9931	026		013	00	00	63	0	00	0	0	0	9	0	0									
28	17	9931	025		018	00	00	83	0	00	0	0	0	9	0	0									
28	20	9914	026		009	00	00	83	0	00	0	0	0	9	0	0				15	19	451	0000	029	018
28	23	9908	019		012	13	12	83	1	03	0	0	0	9	3	0									
29	02	9896	019		012	13	11	83	3	03	0	0	0	9	3	0									
29	05	9885	019		009	14	17	83	1	01	0	0	0	9	3	0									
29	08	9871	020		008	12	24	83	4	02	0	0	0	9	3	0									
29	11	9872	024		015	11	12	83	7	03	0	0	0	9	3	0									
29	14	9866	026		016	09	10	83	7	02	0	0	0	9	3	0									
29	17	9855	028		018	09	10	83	5	01	1	2	0	9	3	8									
29	20	9862	025		016	00	00	83	4	01	1	1	0	9	0	1				13	30	283	0000	028	018
29	23	9864	021		013	00	00	83	5	02	1	0	0	9	0	1									
30	02	9850	019		009	13	21	83	1	01	1	0	0	9	0	1									
30	05	9844	018		009	12	26	83	2	03	1	0	0	9	3	1									
30	08	9859	021		012	12	18	83	5	03	1	4	0	9	3	0	2								
30	11	9855	023		013	12	18	83	5	03	1	6	0	9	3	0	2								
30	14	9851	026		016	12	19	83	1	01	1	0	0	9	3	0									
30	17	9852	028		016	12	20	83	2	03	1	0	0	9	3	0									
30	20	9855	027		016	12	09	83	2	02	1	0	0	9	3	0				13	45	1581	0000	029	017
30	23	9865	024		012	12	14	83	1	01	0	0	0	9	0	1									

Results of Surface Observations,
MAWSON — Dec., 1957

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	9891	021		009	13	16	83	0	01	0	0	0	9	0	0									
01	05	9879	024		010	13	24	83	0	00	0	0	0	9	0	0									
01	08	9885	023		011	13	10	83	1	03	0	0	0	9	0	1									
01	11	9901	029		018	13	07	83	1	02	0	0	0	9	0	0									
01	14	9909	031		016	09	01	83	1	00	0	0	0	9	0	0									
01	17	9915	031		018	00	00	83	0	00	0	0	0	9	0	0									
01	20	9927	031		019	00	00	83	0	00	0	0	0	9	0	0									
01	23	9933	025		016	15	06	83	0	00	0	0	0	9	0	0				14	30	1549	0001	031	020
02	02	9930	022		012	15	04	83	0	00	0	0	0	9	0	0									
02	05	9939	020		011	17	05	83	0	00	0	0	0	9	0	0									
02	08	9944	025		012	15	05	83	2	03	0	0	0	9	0	1									
02	11	9944	027		013	14	04	83	4	03	1	0	0	9	3	1		6							
02	14	9937	028		017	00	00	83	0	01	1	0	0	9	0	0									
02	17	9927	030		017	00	00	83	0	00	0	0	0	9	0	0									
02	20	9906	027		016	00	00	83	0	00	0	0	0	9	0	0									
02	23	9908	021		012	15	09	83	0	00	0	0	0	9	0	0				12	19	289	0000	030	020
03	02	9893	017		007	14	18	83	0	00	0	0	0	9	0	0									
03	05	9872	018		008	12	23	83	0	02	0	0	0	9	0	0									
03	08	9859	023		012	13	12	83	1	02	0	0	0	9	0	0									
03	11	9851	029		016	09	06	83	1	02	0	0	0	9	1	0									
03	14	9843	031		017	11	16	83	2	03	1	1	1	9	3	0									
03	17	9845	032		017	00	00	83	1	02	1	1	1	9	3	0									
03	20	9839	030		019	00	00	83	0	02	0	0	0	9	0	0									
03	23	9840	023		014	14	05	83	0	01	0	0	0	9	0	0				12	33	429	0001	032	015
04	02	9843	022		013	14	05	83	0	00	0	0	0	9	0	0									
04	05	9843	017		007	12	24	83	0	00	0	0	0	9	0	0									
04	08	9851	020		011	12	17	83	1	03	2	1	0	9	5	0									
04	11	9864	027		017	12	16	83	2	03	2	1	0	9	7	0									
04	14	9869	030		020	07	07	83	2	03	2	1	0	9	3	0									
04	17	9878	031		021	10	08	83	2	02	2	1	0	9	3	0									
04	20	9876	028		020	12	11	83	2	02	2	1	0	9	3	0		2							
04	23	9875	026		017	12	12	83	2	02	2	0	0	9	0	0				13	33	420	0000	031	017
05	02	9864	025		020	12	28	83	3	56	3	0	0	9	0	0									
05	05	9868	027		019	12	31	83	3	02	3	0	0	9	0	0									
05	08	9870	027		021	12	27	83	3	02	2	0	0	9	0	0									
05	11	9861	030		022	12	27	83	3	02	2	0	0	9	0	0									
05	14	9861	030		026	12	31	82	3	02	2	0	0	9	0	0									
05	17	9860	031		026	12	31	82	3	02	2	0	0	9	0	0									
05	20	9861	029		024	12	26	82	3	02	2	0	0	9	0	0		2							
05	23	9866	028		024	12	19	82	3	02	2	0	0	9	0	0				12	42	638	0000	032	024
06	02	9872	027		022	11	17	82	3	02	2	0	0	9	0	0									
06	05	9873	028		023	11	11	82	3	02	2	0	0	9	0	0									
06	08	9873	029		024	10	13	83	3	02	2	0	0	9	0	0		2							
06	11	9872	029		024	09	05	83	3	02	2	0	0	9	0	0		2							
06	14	9874	031		026	00	00	80	3	02	2	0	0	9	0	0									
06	17	9874	031		026	00	00	80	3	02	2	0	0	9	0	0									
06	20	9880	029		026	00	00	80	3	02	2	0	0	9	0	0									
06	23	9879	029		025	09	05	81	3	02	2	0	0	9	0	0				11	30	761	0000	032	027
07	02	9885	028		023	00	00	81	3	02	2	0	0	9	0	0									
07	05	9895	027		022	00	00	82	3	02	2	0	0	9	0	0									
07	08	9893	029		023	09	10	82	3	02	2	0	0	9	0	0									
07	11	9897	031		025	10	11	82	3	02	2	0	0	9	0	0									
07	14	9900	032		025	10	16	83	3	02	2	0	0	9	0	0									
07	17	9909	031		021	09	21	83	2	02	2	0	0	9	0	0									
07	20	9920	029		022	11	13	83	1	01	2	1	0	9	0	0	0	3							
07	23	9921	025		019	12	17	83	1	02	1	0	0	9	0	0	0	0		11	34	326	0000	033	023
08	02	9924	023		018	12	17	83	1	02	1	0	0	9	0	0									
08	05	9923	025		018	12	17	83	1	02	1	0	0	9	0	0									
08	08	9924	029		021	12	24	83	1	02	1	0	0	9	0	0		2							
08	11	9920	030		021	12	25	83	1	02	1	0	0	9	0	0		1							
08	14	9919	033		025	12	19	83	2	02	1	0	0	9	0	0		1							
08	17	9916	033		024	12	20	83	2	01	1	0	0	9	0	0									
08	20	9910	030		022	12	24	83	3	03	1	0	0	9	0	0									
08	23	9913	027		017	12	25	83	1	01	1	0	0	8	0	0				12	36	624	0000	034	023
09	02	9905	026		013	12	28	83	1	02	1	0	0	9	0	0									
09	05	9900	025		011	12	32	83	1	02	1	0	0	9	0	0									
09	08	9902	027		013	12	32	83	2	01	1	0	0	9	3	1									
09	11	9902	030		019	12	22	83	3	03	1	0	0	9	3	1									
09	14	9901	034		022	11	16	83	3	03	1	0	0	9	3	1									
09	17	9900	034		022	11	11	83	3	03	1	0	0	9	3	1									
09	20	9904	031		021	11	04	83	3	01	1	0	0	9	3	1									
09	23	9910	028		016	13	09	83	3	01	1	0	0	9	3	0				13	41	812	0000	036	024

Results of Surface Observations,
MAWSON – Dec., 1957

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	9913	026		012	13	11	83	1	02	0	0	9	9	3	0									
10	05	9913	025		012	13	12	83	0	00	0	0	0	9	0	0									
10	08	9913	027		013	13	13	83	0	00	0	0	0	9	0	0									
10	11	9916	031		018	00	00	83	0	00	0	0	0	9	0	0									
10	14	9919	035		019	00	00	83	0	00	0	0	0	9	0	0									
10	17	9923	032		021	00	00	83	0	00	0	0	0	9	0	0									
10	20	9919	031		022	00	00	83	0	00	0	0	0	9	0	0									
10	23	9912	029		021	15	01	83	0	00	0	0	0	9	0	0				13	25	1523	0000	035	021
11	02	9919	026		014	13	12	83	0	00	0	0	0	9	0	0									
11	05	9920	023		011	13	20	83	1	02	0	0	0	9	0	1									
11	08	9920	025		014	13	12	83	1	02	0	0	0	9	1	1									
11	11	9921	031		019	11	11	83	1	02	0	0	0	9	1	1									
11	14	9933	032		023	00	00	83	2	02	0	0	0	9	0	0									
11	17	9936	030		023	00	00	83	7	03	0	0	0	9	3	0									
11	20	9942	031		026	00	00	83	7	03	0	7	6	7				2							
11	23	9959	030		027	00	00	83	7	02	2	0	0	9	7					13	32	347	0000	033	023
12	02	9947	028		020	12	10	83	7	02	2	0	0	9	7										
12	05	9946	028		021	14	09	83	7	02	2	0	0	9	7										
12	08	9953	030		024	00	00	83	8	02	2	0	0	9	7										
12	11	9955	032		024	00	00	83	8	02	2	0	0	9	7										
12	14	9965	033		025	00	00	83	8	02	2	0	0	9	7										
12	17	9972	032		027	00	00	83	8	02	2	0	0	9	7										
12	20	9972	034		029	00	00	83	8	02	2	0	0	9	7										
12	23	9975	033		025	00	00	83	8	02	2	0	0	9	7					14	17	646	0000	035	027
13	02	9975	032		023	12	07	83	8	02	2	0	0	9	7										
13	05	9978	031		021	10	04	83	8	02	2	0	0	9	3										
13	08	9972	032		023	11	12	83	8	02	2	0	0	9	3										
13	11	9980	033		021	00	00	83	8	02	2	0	0	9	7										
13	14	9982	034		026	00	00	83	8	02	2	0	0	9											
13	17	9988	032		026	07	03	80	8	70	7	5	5	4											
13	20	0000	031		027	07	02	80	8	70	7	8	5	4											
13	23	0004	031		027	10	04	83	8	02	2	8	5	4						12	22	268	0000	034	030
14	02	0010	030		023	11	15	83	5	01	2	5	5	4	0	0									
14	05	0014	030		024	11	13	83	8	15	2	0	0	9	7										
14	08	0024	031		024	00	00	82	8	15	2	8	5	4											
14	11	0026	033		025	00	00	83	8	01	2	8	5	9											
14	14	0024	035		026	00	00	83	8	02	2	0	0	9	3	7		2							
14	17	0032	038		024	00	00	83	6	01	2	0	0	9	3	0									
14	20	0036	032		022	13	05	83	1	01	1	0	0	9	3	0									
14	23	0035	030		019	12	12	83	1	02	0	0	0	9	3	0				11	27	427	0000	036	026
15	02	0043	025		017	13	15	83	2	02	1	0	0	9	3	5									
15	05	0049	029		018	13	13	83	3	03	0	0	0	9	3	0									
15	08	0055	031		023	13	04	83	7	03	2	0	0	9	3			3							
15	11	0069	035		026	13	07	83	8	02	2	0	0	9	3			3							
15	14	0086	037		028	00	00	83	8	02	2	0	0	9	7			3							
15	17	0095	035		026	00	00	83	8	02	2	0	0	9	7			3							
15	20	0104	035		028	00	00	83	8	02	2	0	0	9	7										
15	23	0107	034		024	13	10	83	4	01	1	0	0	9	4	5				12	25	405	0000	037	025
16	02	0105	033		018	13	17	83	2	01	1	0	0	9	3	0									
16	05	0108	032		020	12	17	83	6	03	2	0	0	9	0	6									
16	08	0101	035		023	12	11	83	6	02	2	0	0	9	0	6									
16	11	0101	039		026	00	00	83	6	02	2	0	0	9	0	6									
16	14	0102	040		028	00	00	83	1	02	0	0	0	9	0	1									
16	17	0086	040		026	00	00	83	0	00	0	0	0	9	0	0									
16	20	0076	039		026	00	00	83	0	00	0	0	0	9	0	0									
16	23	0057	039		021	00	00	83	0	00	0	0	0	9	0	0				12	29	354	0000	041	031
17	02	0046	029		016	17	28	83	0	00	0	0	0	9	0	0									
17	05	0022	028		016	16	22	83	0	00	0	0	0	9	0	1									
17	08	0011	034		019	13	15	83	1	02	0	0	0	9	0	1									
17	11	0004	035		023	11	14	83	0	00	0	0	0	9	0	0									
17	14	0014	035		026	00	00	83	0	00	0	0	0	9	0	0									
17	17	0000	035		023	00	00	83	0	00	0	0	0	9	0	0									
17	20	9995	036		025	00	00	83	0	00	0	0	0	9	0	0									
17	23	9983	032		023	00	00	83	0	00	0	0	0	9	0	0				16	43	731	0000	037	026
18	02	9976	025		014	13	16	83	0	00	0	0	0	9	0	0									
18	05	9964	028		017	14	04	83	0	00	0	0	0	9	0	0									
18	08	9942	031		017	13	08	83	0	00	0	0	0	9	0	0									
18	11	9949	034		021	11	06	83	0	00	0	0	0	9	0	0									
18	14	9948	033		022	00	00	83	0	00	0	0	0	9	0	0									
18	17	9953	033		023	00	00	83	0	00	0	0	0	9	0	0									
18	20	9961	033		024	00	00	83	0	00	0	0	0	9	0	0									
18	23	9965	031		023	00	00	83	0	00	0	0	0	9	0	0				13	26	370	0000	037	024

Results of Surface Observations,
MAWSON Dec., 1957

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	9974	031		019	16	04	83	0	00	0	0	0	9	0	0									
19	05	9975	028		016	15	13	83	0	00	0	0	0	9	0	0									
19	08	9980	030		019	16	11	83	0	00	0	0	0	9	0	0									
19	11	9987	036		025	00	00	83	0	00	0	0	0	9	0	0									
19	14	0002	034		024	00	00	83	3	02	1	0	0	9	0	1									
19	17	0002	035		026	00	00	83	5	03	1	0	0	9	0	6									
19	20	0007	035		025	00	00	83	7	03	2	1	1	6	7	6		1							
19	23	0013	032		025	00	00	83	7	03	1	7	5	4						14	26	264	0000	037	025
20	02	0023	031		027	00	00	83	7	70	7	7	5	4											
20	05	0033	030		027	00	00	83	8	02	7	8	5	4			2								
20	08	0036	030		027	04	02	81	8	15	2	5	5	4	7										
20	11	0038	030		029	00	00	81	8	71	7	8	5	4			2								
20	14	0044	034		027	00	00	81	8	02	2	8	5	4			2								
20	17	0042	033		026	00	00	81	8	02	2	6	5	4	2		2								
20	20	0027	032		028	00	00	81	8	02	2	6	5	4	2		2								
20	23	0013	031		026	00	00	81	8	02	2	8	5	4						04	08	168	0000	034	030
21	02	0006	031		026	00	00	81	8	70	2	8	5	4											
21	05	9993	031		028	00	00	82	8	02	2	8	5	6											
21	08	9980	034		030	00	00	82	8	02	2	8	5	6											
21	11	9970	036		032	00	00	83	8	02	2	0	0	9	7			2							
21	14	9969	037		034	00	00	83	8	02	2	0	0	9	7			2							
21	17	9968	034		033	00	00	81	8	72	7	0	0	9	7			2							
21	20	9970	035		033	00	00	81	8	02	2	0	0	9	7			2							
21	23	9971	035		032	00	00	83	8	02	2	0	0	9	7					08	03	164	0000	038	029
22	02	9974	035		032	00	00	83	8	02	2	0	0	9	7										
22	05	9974	035		029	13	06	83	8	02	2	0	0	9	7										
22	08	9978	036		030	00	00	83	8	02	2	0	0	9	7										
22	11	9987	035		031	00	00	83	8	02	2	0	0	9	7										
22	14	9995	035		032	00	00	83	7	01	2	0	0	9	7										
22	17	0005	035		031	00	00	83	8	02	2	8	5	6											
22	20	0012	034		030	00	00	83	8	02	2	8	5	6											
22	23	0012	033		031	00	00	83	8	00	0	8	5	6						13	14	247	0000	036	032
23	02	0013	033		030	00	00	83	8	02	2	8	5	6											
23	05	0007	034		032	00	00	83	8	02	2	3	5	4	7			2							
23	08	0016	034		030	00	00	83	8	02	2	1	5	4	7			2							
23	11	0008	037		031	00	00	83	8	02	2	0	0	9	7										
23	14	0000	035		030	00	00	83	8	02	2	0	0	9	7										
23	17	9990	035		030	00	00	83	8	02	2	0	0	9	7										
23	20	9975	035		031	00	00	83	8	02	2	0	0	9	3										
23	23	9973	035		031	00	00	83	8	02	2	0	0	9	7					09	04	196	0000	038	032
24	02	9968	033		027	00	00	83	8	02	2	0	0	9	7										
24	05	9971	034		027	13	12	83	8	02	2	3	5	6	7										
24	08	9968	034		027	13	10	83	8	02	2	8	5	6											
24	11	9969	032		025	13	04	83	8	02	2	8	5	6											
24	14	9983	036		030	00	00	83	8	02	2	8	5	6											
24	17	9987	035		031	00	00	83	8	02	2	8	5	6											
24	20	9995	035		032	00	00	83	8	02	2	8	5	6											
24	23	0000	033		032	00	00	83	8	02	2	8	5	6						14	23	254	0000	038	032
25	02	0002	033		032	00	00	83	8	02	2	8	5	6											
25	05	0012	031		027	00	00	83	8	02	2	0	0	9	7										
25	08	0009	032		029	00	00	83	8	02	2	8	5	6											
25	11	0005	035		029	00	00	83	8	02	2	8	5	6											
25	14	0009	035		030	00	00	83	5	01	1	5	5	6	0	0	1								
25	17	0015	035		029	00	00	83	4	02	1	2	7	6	7	1	2								
25	20	0019	035		029	00	00	83	7	02	2	7	5	6			2								
25	23	0020	033		029	00	00	83	8	02	2	8	5	6						09	04	179	0000	038	031
26	02	0028	032		028	00	00	83	6	02	2	8	5	6											
26	05	0029	030		023	13	05	83	7	02	1	8	5	6			2								
26	08	0022	030		023	13	09	83	5	02	1	4	5	6	0	1	2								
26	11	0011	035		025	10	04	83	6	02	1	3	5	6	0	1	2								
26	14	0003	035		025	09	12	83	6	02	1	0	0	9	3	1		2							
26	17	9988	034		026	09	13	83	7	02	1	0	0	9	3			2							
26	20	9984	032		026	08	04	83	7	02	1	0	0	9	3	1		2							
26	23	9974	028		021	12	04	83	3	01	1	0	0	9	3	0				09	28	247	0000	035	027
27	02	9951	025		017	12	10	83	3	02	1	0	0	9	3	0									
27	05	9925	026		010	13	04	83	6	02	2	0	0	9	3	8									
27	08	9893	031		023	09	10	83	7	02	2	0	0	9	3	8		3							
27	11	9876	034		026	00	00	83	5	01	1	0	0	9	0	8									
27	14	9847	037		025	00	00	83	7	03	2	3	4	6	4	8	2								
27	17	9807	033		024	12	31	83	3	01	0	0	0	9	4	0									
27	20	9777	033		020	12	33	83	2	01	0	0	0	9	4	0									
27	23	9770	031		020	13	35	83	8	03	2	8	5	6						13	55	1516	0000	037	025

Results of Surface Observations,
MAWSON – Dec., 1957

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	9759	033		020	13	39	83	8	02	2	8	5	6											
28	05	9758	033		021	14	30	83	8	02	2	4	5	5	7										
28	08	9767	033		022	14	35	83	8	02	2	4	5	6	7										
28	11	9785	037		025	13	21	83	8	02	2	4	5	6	7										
28	14	9807	037		027	12	14	83	7	14	2	2	5	6	7			3							
28	17	9816	038		028	13	10	83	7	02	2	0	0	9	7			3							
28	20	9830	036		025	13	10	83	7	02	2	0	0	9	7			3							
28	23	9838	036		023	13	14	83	6	02	2	0	0	9	7	0				13	58	698	0000	039	030
29	02	9843	033		021	00	00	83	7	02	2	0	0	9	7										
29	05	9851	033		022	00	00	83	7	02	2	7	5	6			2								
29	08	9842	033		021	00	00	83	7	03	2	5	6	6	0	6	2		6						
29	11	9820	039		023	00	00	83	7	02	1	0	0	9	0	6			5						
29	14	9810	039		023	00	00	83	0	01	1	0	0	9	0	0									
29	17	9808	037		027	00	00	83	0	00	0	0	0	9	0	0									
29	20	9802	038		025	00	00	83	0	00	0	0	0	9	0	0									
29	23	9806	034		024	00	00	83	3	03	1	0	0	9	3	0				13	23	1516	0000	040	032
30	02	9812	029		017	00	00	83	1	01	1	0	0	9	3	0									
30	05	9808	030		014	14	16	83	0	00	0	0	0	9	0	0									
30	08	9809	031		015	14	18	83	0	00	0	0	0	9	0	0									
30	11	9816	035		023	13	06	83	0	00	0	0	0	9	0	0									
30	14	9825	035		025	00	00	83	1	03	0	1	1	7	0	0									
30	17	9833	038		026	00	00	83	3	03	1	3	1	7	0	0									
30	20	9844	034		025	00	00	83	5	03	1	5	1	7	0	0									
30	23	9856	033		027	00	00	83	7	03	2	7	1	7						13	28	272	0000	038	029
31	02	9864	033		026	00	00	83	7	02	2	7	1	7											
31	05	9866	034		025	00	00	83	8	02	2	8	5	8											
31	08	9870	032		023	09	02	83	3	01	1	0	0	9	3	0		4							
31	11	9868	035		025	00	00	83	0	01	0	0	0	9	0	0									
31	14	9866	037		027	00	00	83	0	00	0	0	0	9	0	0									
31	17	9872	037		025	00	00	83	0	00	0	0	0	9	0	0									
31	20	9877	035		028	00	00	83	0	00	0	0	0	9	0	0									
31	23	9894	032		024	00	00	83	0	00	0	0	0	9	0	0				17	13	225	0000	036	030

Results of Surface Observations,
TAYLOR – Jul., 1957

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
23	11		510			00	00	83	7	03	2	0	0	9	0	6									
23	17		512			09	04	83	1	01	1	0	0	9	0	1									
23	23		506			00	00	83	0	00	0	0	0	9	0	0									
24	05		505			12	07	83	0	00	2	0	0	9	0	0									
24	11		502			13	10	83	5	03	2	0	0	9	0	6									
24	17		502			11	15	83	1	01	2	0	0	9	0	5									
24	23		504			09	10	83	0	00	0	0	0	9	0	0								502	507
25	05		505			12	07	83	0	00	0	0	0	9	0	0									
25	11		503			16	15	83	0	36	0	0	0	9	0	0									
25	17		502			07	05	83	1	00	0	0	0	9	0	1									
25	23		503			09	05	83	0	00	0	0	0	9	0	0						355		502	508
26	05		504			13	03	83	0	00	0	0	0	9	0	0									
26	11		505			16	04	83	1	03	0	0	0	9	0	1									
26	17		508			14	07	83	0	00	2	0	0	9	0	0									
26	23		513			00	00	83	0	00	0	0	0	9	0	0						336		504	514
27	05		510			12	05	83	0	00	0	0	0	9	0	0									
27	11		508			14	03	83	4	03	2	0	0	9	0	5									
27	17		510			13	10	83	0	00	2	0	0	9	0	0									
27	23		514			00	00	83	0	00	0	0	0	9	0	0						175		505	516
28	05		510			00	00	83	3	02	0	0	0	9	0	5									
28	11		512			00	00	83	5	03	2	0	0	9	0	6									
28	17		514			00	00	83	0	00	1	0	0	9	0	0									
28	23		506			00	00	82	8	03	1	0	0	9	0	7						170		002	515
29	05		002			12	10	81	8	03	2	8	5	6											
29	11		002			12	15	16	8	71	7	8	5	4											
29	17		504			12	05	82	8	02	7	0	0	9	7										
29	23		003			27	05	84	1	01	1	0	0	9	3	0						086		004	508
30	05		503			00	00	83	0	00	0	0	0	9	0	0									
30	11		005			22	05	83	6	03	2	0	0	9	0	4									
30	17		005			00	00	83	8	02	2	0	0	9	0	7									
30	23		001			00	00	83	8	02	2	0	0	9	0	7						217		013	504
31	05		011			13	10	83	8	02	2	0	0	9	2										
31	11		009			18	03	82	8	03	2	0	0	9	2										
31	17		009			13	10	82	8	02	2	0	0	9	2										
31	23		008			13	10	82	8	03	2	8	5	5								159			

Results of Surface Observations,
TAYLOR – Sep., 1957

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
05	11		513			13	05	83	2	02	2	0	0	9	2	0									
05	17		513			13	05	83	1	01	1	0	0	9	2	0									
05	23		514			13	05	83	0	00	0	0	0	9	0	0								509	519
06	05		515			00	00	83	0	00	0	0	0	9	0	0									
06	11		507			10	04	83	0	00	0	0	0	9	0	0									
06	17		510			09	08	83	5	03	1	0	0	9	0	1									
06	23		510			17	12	83	1	01	1	0	0	9	0	1						216		508	513
07	05		510			16	08	83	0	00	0	0	0	9	0	0									
07	11		506			16	06	83	0	00	0	0	0	9	0	0									
07	17		511			16	08	83	0	00	0	0	0	9	0	0									
07	23		511			16	03	83	0	00	0	0	0	9	0	0						264			
08	05		515			16	05	83	0	00	0	0	0	9	0	0									
08	11		512			16	04	83	0	00	0	0	0	9	0	0									
08	17		004			16	04	83	0	00	0	0	0	9	0	0									
08	23		004			16	08	83	0	00	0	0	0	9	0	0						251			
17	17	9768	011			00	00	82	8	05	2	8	5	8											
17	23	9876	006			13	10	82	8	05	2	8	5	8										015	501
18	05	9813	001			13	10	83	3	01	1	0	0	9	0	8									
18	11	9845	005			13	08	83	8	03	1	0	0	9	0	7									
18	17	9858	003			12	08	83	5	01	1	0	0	9	7	8									
18	23	9886	000			13	05	83	0	01	1	0	0	9	0	0								015	504
19	05	9889	502			12	10	83	4	03	1	4	5	8	0	0									
19	11	9885	002			12	10	83	2	01	1	0	0	9	3	0									
19	17	9880	501			12	12	83	1	01	1	1	0	9	3	0									
19	23	9880	504			12	08	83	0	00	0	0	0	9	0	0						273		003	508
20	05	9861	506			13	12	83	0	00	0	0	0	9	0	0									
20	11	9867	502			13	05	83	0	00	0	0	0	9	0	0									
20	17	9886	503			00	00	83	0	00	0	0	0	9	0	0									
20	23	9892	503			00	00	83	0	00	0	0	0	9	0	0						289		005	509
21	05	9920	506			00	00	83	0	00	0	0	0	9	0	0									
21	11	9943	501			13	05	83	0	00	0	0	0	9	0	0									
21	17	9962	508			00	00	83	3	03	0	0	0	9	0	3									
21	23	9967	505			00	00	83	0	01	1	0	0	9	0	0						193		001	512
22	05	9935	507			13	05	83	1	03	0	0	0	9	0	8									
22	11	9928	503			13	12	83	3	03	1	0	0	9	0	8									
22	17	9868	503			13	08	83	8	03	1	0	0	9	0	7									
22	23	9844	508			00	00	83	0	01	1	0	0	9	0	0						164		008	513
23	05	9835	511			00	00	83	0	00	0	0	0	9	0	0									
23	11	9829	003			13	05	83	0	00	0	0	0	9	0	0									
23	17	9813	002			00	00	83	0	00	0	0	0	9	0	0									
23	23	9813	000			13	05	83	0	00	0	0	0	9	0	0						237		010	505
24	05	9832	002			13	25	83	0	36	3	0	0	9	0	0									
24	11	9755	006			13	10	83	5	03	3	0	0	9	2	9									
24	17	9709	013			13	10	00	8	73	1	8	5	2											
24	23	9807	013			13	10	08	8	73	7	8	5	2								259		009	003
25	05	9827	009			00	00	83	8	01	7	8	5	4											
25	11	9827	012			00	00	83	0	01	1	0	0	9	2										
25	17	9864	003			00	00	83	0	01	1	0	0	9	1										
25	23	9869	003			00	00	83	0	00	0	0	0	9	0	0						437		014	503
26	05	9910	501			00	00	83	0	00	0	0	0	9	0	0									
26	11	9919	011			13	05	83	8	71	0	8	5	4											
26	17	9945	011			13	05	83	8	71	7	8	5	4											
26	23	9955	009			00	00	83	8	02	2	8	5	4								235		012	001
27	05	9947	002			13	05	83	0	00	0	0	0	9	0	0									
27	11	9961	005			13	05	83	0	00	0	0	0	9	0	0									
27	17	9957	008			13	05	83	0	00	0	0	0	9	0	0									
27	23	9959	002			13	05	83	0	00	0	0	0	9	0	0						362		012	000
28	05	9950	001			13	10	83	0	00	0	0	0	9	0	0									
28	11	9954	008			00	00	83	0	00	0	0	0	9	0	0									
28	17	9944	008			00	00	83	0	00	0	0	0	9	0	0									
28	23	9945	003			13	05	83	0	00	0	0	0	9	0	0						230		021	501

Results of Surface Observations,
TAYLOR – Sep., 1957

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
29	05	9914	002			00	00	83	0	00	0	0	0	9	0	0									
29	11	9907	006			00	00	83	8	03	1	8	5	7											
29	17	9896	008			13	10	83	8	02	2	0	0	9	3										
29	23	9870	006			00	00	83	0	01	1	0	0	9	0	0						278		012	003
30	05	9773	005			13	10	83	8	03	1	8	5	8											
30	11	9808	013			13	10	83	8	02	2	8	5	8											
30	17	9802	013			13	10	83	8	02	2	8	5	8											
30	23	9806	004			13	10	83	8	02	2	8	5	8								267		020	004

Results of Surface Observations,
TAYLOR – Oct., 1957

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
01	05	9762	008			13	30	83	8	36	3	8	5	8											
01	11	9757	016			13	30	83	8	36	3	8	5	8											
01	17	9725	018			13	30	83	4	36	3	1	5	8	0	8									
01	23	9728	015			13	30	83	0	01	3	0	0	9	0	0						617		021	502
02	05	9700	004			13	10	83	0	00	0	0	0	9	0	0									
02	11	9710	019			13	10	83	7	03	7	0	0	9	5	1		2							
02	17	9714	020			13	10	40	8	73	7	8	5	3											
02	23	9742	020			00	00	83	8	02	7	8	5	3								1598		023	501
03	05	9825	018			00	00	83	8	02	2	8	5	6											
03	11	9829	028			13	05	83	8	02	2	8	5	6											
03	23																					391			
11	17	9855	023			13	05	83	8	02	2	8	5	8											
11	23	9873	023			13	05	83	8	02	2	8	5	8											
12	05	9889	020			13	05	83	8	02	2	8	5	6											
12	11	9912	024			13	05	83	8	02	2	8	5	6											
12	17	9896	026			00	00	83	8	02	2	8	5	6											
12	23	9882	019			13	05	83	8	02	2	8	5	6										026	
13	05	9824	019			00	00	83	8	02	2	8	5	8											
13	11	9802	021			13	20	83	8	02	2	8	5	8											
13	17	9766	024			13	25	83	8	02	2	8	5	8											
13	23	9762	023			13	20	83	8	02	2	8	5	8										025	
14	05	9754	022			13	20	83	7	02	2	0	0	9	7										
14	11	9763	025			13	20	83	6	01	2	0	0	9	7										
14	17	9779	024			13	05	83	8	03	2	8	5	8											
14	23	9783	017			13	05	83	4	01	2	0	0	9	0	2								025	
15	05	9819	022			00	00	83	0	00	0	0	0	9	0	0									
15	11	9821	025			00	00	83	0	00	0	0	0	9	0	0									
15	17	9843	020			00	00	83	0	00	0	0	0	9	0	0									
15	23	9850	018			00	00	83	8	03	0	0	0	9	0	2						355		025	
16	05	9868	010			00	00	83	0	00	0	0	0	9	0	0									
16	11	9892	015			00	00	83	0	00	0	0	0	9	0	0									
16	17	9901	014			00	00	83	0	00	0	0	0	9	0	0									
16	23	9907	007			13	05	83	0	00	0	0	0	9	0	0						196		014	
17	05	9847	010			00	00	83	0	00	0	0	0	9	0	0									
17	11	9859	012			13	05	83	1	00	0	0	0	9	0	0									
17	17	9890	012			13	15	83	7	03	1	0	0	9	0	2									
17	23	9897	008			13	20	83	4	01	2	0	0	9	0	2						185		018	
18	05	9886	010			13	40	83	7	03	2	0	0	9	0	2									
18	11	9883	012			13	40	83	7	02	2	0	0	9	0	2									
18	17	9829	014			13	35	83	8	02	2	0	0	9	0	2									
18	23	9766	012			13	45	83	8	02	2	0	0	9	0	2						374		015	
19	05	9668	012			13	50	08	8	39	3	8	5	8											
19	11	9634	015			13	45	32	8	39	3	8	5	8											
19	17	9628	015			13	45	08	8	39	3	8	5	8											
19	23	9624	012			13	50	08	8	39	3	8	5	8								877		025	
20	05	9648	022			13	40	32	8	39	3	8	5	3											
20	11	9651	025			13	35	32	8	39	3	8	5	3											
20	17	9674	022			13	35	32	8	39	3	8	5	3											
20	23	9688	022			13	05	04	8	73	3	8	5	3								893		024	
21	05	9680	022			13	50	04	8	39	3	8	5	3											
21	11	9719	025			13	30	83	8	02	3	8	5	3											
21	17	9682	026			13	15	83	8	02	2	8	5	3											
21	23	9715	023			13	15	83	8	02	2	8	5	3								762		030	
22	05	9774	022			00	00	83	0	00	0	0	0	9	0	0									
22	11	9777	026			00	00	83	5	03	1	0	0	9	0	2									
22	17	9766	030			00	00	83	7	03	2	0	0	9	0	2									
22	23	9807	022			00	00	83	8	73	7	8	5	8								656		030	
23	05	9758	020			13	05	83	7	02	2	0	0	9	1										
23	11	9758	022			13	05	83	7	02	2	0	0	9	1										
23	17	9791	024			00	00	83	8	73	2	8	5	8											
23	23	9819	018			00	00	83	8	02	2	8	5	8								418		026	

Results of Surface Observations,
TAYLOR – Oct., 1957

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
24	05	9851	022			00	00	83	0	00	C	0	0	9	C	0									
24	11	9856	024			00	00	83	0	00	C	0	0	9	C	0									
24	17	9853	018			00	00	83	0	00	C	0	0	9	C	0						1·81		026	
24	23	9860	014			00	00	83	0	00	C	0	0	9	C	0									
25	05	9896	014			00	00	83	0	00	C	0	0	9	C	0									
25	11	9914	014			00	00	83	0	00	C	0	0	9	C	0									
25	17	9922	014			13	10	83	0	00	C	0	0	9	C	0						065		019	
25	23	9926	011			13	05	83	8	03	1	8	2	4	2										
26	05	9892	006			13	10	83	1	00	C	1	5	7	C	0									
26	11	9898	010			13	10	83	1	00	C	1	5	7	C	0									
26	17	9875	012			13	20	83	3	00	C	1	5	7	C	0						294		019	
26	23	9863	010			13	15	83	3	03	C	3	5	7	C	0									
27	05	9847	012			13	10	83	2	02	1	2	5	7	C	0									
27	11	9836	015			13	05	83	2	02	1	2	5	7	C	0									
27	17	9831	015			13	05	83	2	02	1	2	5	7	C	0						411		022	
27	23	9855	008			15	05	83	2	02	1	2	5	7	C	0									
28	05	9835	018			13	05	83	0	00	C	0	0	9	C	0									
28	11	9834	022			13	05	83	0	00	C	0	0	9	C	0									
28	17	9853	020			00	00	83	0	00	C	0	0	9	C	0						141		024	
28	23	9854	013			13	10	83	0	00	C	0	0	9	C	0									
29	05	9830	020			13	10	83	8	03	1	8	5	7											
29	11	9824	025			00	00	83	8	02	2	8	5	7											
29	17	9804	027			00	00	83	0	01	2	C	0	9	C	0						217		031	
29	23	9812	019			00	00	83	0	00	C	C	0	9	C	0									
30	05	9790	019			00	00	83	0	00	C	0	0	9	0	0									
30	11	9814	026			13	05	83	0	00	C	0	0	9	0	0									
30	17	9829	034			00	00	83	0	00	C	0	0	9	0	0						273		035	
30	23	9861	023			13	10	83	8	03	1	8	5	7											
31	05	9890	018			13	15	83	2	01	2	1	5	7	5	0									
31	11	9904	022			13	15	83	8	03	2	8	5	7											
31	17	9906	026			13	05	83	7	02	2	0	0	9	0	2						269		029	
31	23	9897	021			34	10	83	0	01	0	0	0	9	0	0									

Results of Surface Observations,
TAYLOR – Nov., 1957

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St. miles	Points	°F	°F
01	05	9890	017			15	10	83	4	00	0	0	0	9	0	1									
01	11	9899	027			13	08	83	3	00	0	0	0	9	1	1									
01	17	9887	027			27	05	83	0	00	0	0	0	9	0	0									
01	23	9911	020			00	00	83	0	00	0	0	0	9	0	0						367		031	
02	05	9927	017			15	05	83	1	00	0	0	0	9	0	2									
02	11	9937	021			15	05	83	0	00	0	0	0	9	0	0									
02	17	9943	021			15	05	83	1	00	0	1	5	8	0	0									
02	23	9980	015			13	05	83	0	00	0	0	0	9	0	0						205		023	
03	05	9962	017			00	00	83	4	00	0	0	0	9	0	2									
03	11	9961	021			00	00	83	3	00	0	0	0	9	0	4									
03	17	9946	024			00	00	83	3	00	0	0	0	9	0	4									
03	23	9931	010			13	05	83	0	00	0	0	0	9	0	0						131		024	
04	05	9922	018			00	00	83	0	00	0	0	0	9	0	0									
04	11	9926	023			00	00	83	0	00	0	0	0	9	0	0									
04	17	9878	021			00	00	83	0	00	0	0	0	9	0	0									
04	23	9887	011			00	00	83	0	00	0	0	0	9	0	0								024	
05	05	9893	007			00	00	83	0	00	0	0	0	9	0	0									
05	11	9921	018			00	00	83	0	00	0	0	0	9	0	0									
05	17	9934	019			13	05	83	0	00	0	0	0	9	0	0									
05	23	9982	013			13	05	83	0	00	0	0	0	9	0	0								022	
06	05	9967	019			00	00	83	0	00	0	0	0	9	0	0									
06	11	9988	022			00	00	83	2	03	0	0	0	9	0	2									
06	17	9970	025			00	00	83	7	03	1	0	0	9	0	6									
06	23	9976	020			13	10	83	7	02	2	0	0	9	0	1								025	
07	05	9946	020			00	00	83	0	00	0	0	0	9	0	0									
07	11	9941	024			00	00	83	0	00	0	0	0	9	0	0									
07	17	9910	029			00	00	83	0	00	0	0	0	9	0	0									
07	23	9898	017			00	00	83	0	00	0	0	0	9	0	0								029	
08	05	9905	024			00	00	83	0	00	0	0	0	9	0	0									
08	11	9874	028			00	00	83	0	00	0	0	0	9	0	0									
08	17	9890	026			00	00	83	0	00	0	0	0	9	0	0									
08	23	9899	018			00	00	83	0	00	0	0	0	9	0	0									

Results of Radiosonde Observations,
MACQUARIE – JAN., 1957

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	0068	58	507	079	0044	58	126	0013	48	174	5021	34	279	5090	20	597	151	
02	003	0079	55	003	089	0024	42	135	5013	34	183	5046	30	287	5096	13	405	163	08
03	998	0089	69	501	086	0037	54	132	0003	42	180	5021	37	285	5074	28	404	149	15
04	997	0081	56	502	084	0021	45	130	0015	49	179	5006	15	284	5062		403	147	13
05	995	0081	63	503	083	0043	55	130	0016	48	178	5007	43	284	5053	33	403	147	16
06	000	0085	61	001	087	0040	40	133	0010	19	182	5005	10	287	5076		405	160	
07	999	0085	70	500	086	0059	65	133	0025	54	182	5006	45	288	5060	31	407	130	17
08	986	0094	65	511	076	0035	49	122	0019	48	171	5006	44	277	5049	27	396	125	12
09	000	0095	60	001	087	0040	47	134	0010	40	182	5011	35	286	5063	23	406	150	10
10	991	0066	50	507	079	0027	44	125	0000	41	173	5034	33	278	5105	16	394	188	04
11	977	0094	60	519	068	0035	41	114	5005	33	162	5026	29	267	5095	10	385	142	
12	989	0082	53	508	077	0010	38	123	5025	31	171	5060	22	274	5129	07	390	208	04
13	993	0089	64	505	081	0026	48	127	0000	44	176	5026	38	280	5099	12	398	124	19
14	990	0059	44	508	078	0006	35	124	5020	32	172	5040	22	276	5109	14	393	173	06
15	979	0092	63	517	070	0035	50	116	0000	43	164	5020	40	269	5085	26	387	162	15
16	991	0076	48	507	079	0004	37	125	5011	55	173	5043	31	277	5087	25	395	164	14
17	999	0096	59	500	086	0015	41	132	0001	39	180	5016	37	285	5085	26	403	147	17
18	995	0072	48	503	082	0022	36	128	5020	27	176	5054	14	279	5133	11	395	225	04
19	992	0071	62	506	080	0034	52	126	0015	49	175	0010	48	282	5040	37	402	111	19
20	977	0067	42	518	067	0000	31	113	5034	28	160	5058	19	265	5093	15	382	176	06
21	977	0060	10	518	067	0012	35	113	5025	30	161	5058	24	264	5125	13	380	221	06
22	004	0060	49	004	089	5024	30	134	5051	26	182	5079	22	285	5100	19	403	134	15
23	985	0089	73	512	075	0072	71	122	0059	69	172	0053	64						
24	991	0100	62	507	080	0028	43	126	5012	32	174	5041	28	276	5106	11	395	188	05
25	001	0100	53	001	088	0021	32	134	5014	28	182	5042	22	286	5116	14	402	204	05
26	997	0074	43	502	084	5014	31	129	5037	27	177	5059	16	280	5121	05	396	189	07
27	002	0073	45	002	088	5007	34	133	5029	28	181	5066	14	284	5120	10	401	185	05
28	005	0073	50	005	091	0044	31	137	0042	12	186	0000	16	292	5044	09	412	102	02
29	002	0079	62	002	089	0083	53	136	0060	44	185	0028	36	293	5002	24	414	082	05
30	990	0087	57	508	079	0021	45	125	5010	41	173	5009	22	280	5018	10	401	041	14
31	977	0051	37	518	067	5005	25	112	5041	18	160	5078	18	262	5152	10	376	235	05

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹
01	533	224		692	350		886	511	145	491	335	453	606	454	755	449	948	434
02	540	238		699	357		893	498	155	503	344	466	612	480	760	454		
03	539	245	07	699	330	03	895	481	154	516	342	488	611	450	760	455		
04	539	227		699	349	03	893	507	151	523	338	497	604	478				
05	538	253	06	696	371	02	888	535	150	481	340	470	610	447	759	444	952	447
06	540	237		699	360		892	501	152	532								
07	544	213	09	704	338	03												
08	533	228	03	692	376		885	473	157	417	352	437	623	448	772	452	965	436
09	541	247	03	698	389	02	888	511	155	450	348	448	619	441	768	456	960	441
10	527	287	04	684	371		877	501	141	461	335	446	608	443	757	425	950	453
11	520	241		679	373		872	460	145	392	340	440	613	416	764	422	959	426
12	522	283		678	410		869	474	144	395	339	427	612	437	762	447		
13	535	211	10	696	323	04	892	489	153	493	344	463	614	442	763	435	957	437
14	527	284	02	682	427		872	467	144	411	340	415	615	416	767	410	962	421
15	521	267	05	678	384	02	870	490	141	423	336	420	610	428	760	425	954	427
16	530	259	06	687	381	02	878	519	145	436	339	428	614	422	765	405	960	408
17	538	246	08	697	367	03	889	525	152	446	345	446	618	420	769	415	965	421
18	526	305	02	681	408		874	463	146	438	340	433	611	452	761	425	955	436
19	539	205	09	701	309	04	898	477	158	520	347	477	617	446	767	428	962	410
20	516	262	02	673	385		866	460	139	427	333	439	605	432	754	429	948	429
21	511	325	02	664	417	01	859	401	136	401	331	425	604	444	753	435	947	425
22	541	196	12															
24	528	278		685	351													
25	533	310	02	688	427		878	491	150	414	345	426	617	427	768	437	961	430
26	530	269		686	402		877	437	152	416	346	435	618	437	767	454	959	437
27	534	269		693	306		892	441	160	454	351	469	619	467	767	463	959	449
28	550	201	04	711	335	03	905	501	168	473	356	526	618	519	763	505	952	468
29	553	169		717	294		916	432	178	599	360	529	624	507	769	497	959	465
30	539	175	08	703	279	04	904	405	168	542	354	527	616	512	761	500	950	492
31	507	320	03	662	397		861	356	141	380								

Results of Radiosonde Observations, MACQUARIE – Feb., 1957

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	0044	31	502	083	5012	28	129	5048	23	176	5084	13	278	5140	05	395	141	
02	000	0078	58	001	087	0028	47	133	0010	43	182	0009	45	288	5026	35	541	095	21
03	004	0070	55	004	090	0027	46	136	0000	36	184	5032	31	290	5044	10	410	100	15
04	006	0066	44	006	090	0018	21	136	0010	24	185	5008	17	291	5052		410	107	
05	013	0060	38	011	096	0042	24	143	0042		192	0026		298	5040		416	100	
06	010	0071	40	009	090	0017	26	139	5040	14	187	0070	04	289	5152	04	404	220	
07	019	0068	50	016	102	0050	39	148	0021	30	197	5018	24	303	5071	19	421	131	15
08	023	0064	47	019	105	0061	51	152	0035	38	201	0035	32	308	5016	12	430	067	11
09	009	0059	50	008	094	0017	43	140	5010	40	188	0037	17	296	5015	13	417	103	09
10	994	0081	66	504	083	0068	69	129	0036	58	179	0034	59	286	5019	37	406	067	16
11	995	0086	63	503	083	0041	48	129	0011	41	178	5005	21	284	5061	05	405	124	06
12	007	0083	54	006	093	0024	46	139	5001	41	187	5027	37	292	5085	23	410	140	11
13	002	0096	72	002	089	0062	62	136	0031	54	185	5002	41	291	5060	16	410	133	14
14	007	0078	59	021	093	0051	56	139	0029	52	188	0006	45	295	5037	16	415	085	22
15	002	0082	66	002	090	0084	77	137	0061	68	186	0043	65	294	5010	48	416	078	28
16	995	0098	74	504	083	0050	60	130	0019	23	179	0044	20	287	5002	41	410	059	17
17	001	0094	67	001	088	0065	65	135	0045	59	184	0020	51	292	5021	35	413	090	26
18	005	0072	46	005	090	0000	33	136	5045	28	183	5059	20	286	5132	07	402	187	
19	010	0078	50	009	094	5011	35	140	5036	34	187	5074	26	291	5069	09	412	100	10
20	981	0100	72	515	072	0065	63	119	0051	59	168	0033	57	276	5020	44	396	105	13
21	983	0076	56	513	073	0018	43	118	5015	32	166	5043	24	270	5090		389	141	
22	992	0063	40	506	079	5014	32	125	5042	24	172	5056	20	276	5093	10	394	157	
23	992	0071	45	506	080	0008	28	126	0004	10	174	5024		278	5084		396	145	
24	970	0081	62	525	062	0060	59	109	0028	49	158	5013	38	263	5053	27	383	122	13
25	976	0061	46	519	066	0003	33	112	5030	23	160	5063	15	263	5130	09	378	219	
26	001	0065	44	001	087	5013	32	132	5027	17	180	5022		285	5052	27	406	100	21
27	003	0077	54	003	090	0057	55	137	0077	66	186	0054	57	294	5007	40	416	070	25
28	005	0020	44	005	090	0000	25	136	0000	35	185	5008	28	292	5007		413	083	

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C.×10⁻¹
01	532	209	07	694	310	02	892	446	159	468	348	519	611	512	756	500	945	485
02	547	177	14	711	295	06	910	437	175	490	363	535	622	543	766	514	953	486
03	549	161	16	714	274	07	914	435	178	491	365	511	626	537	770	517	958	493
04	548	198		711	296	03	910	441										
05	556	190		718	312		916	447	177	540	364	512	626	523	771	505	959	484
06	535	314		690	392		886	418	160	423	352	460	618	495	765	473	956	473
07	558	211	08	720	307	03	917	476	173	579	358	507	623	502	769	499	958	480
08	570	172	05	733	277	05	934	419	195	632	370	595	627	541	771	525	958	500
09	556	163	17	720	255	09	921	421	183	599	364	545	622	533	766	516	952	518
10	548	146		713	264		913	433	175	557	358	531	619	543	763	524	949	504
11	540	208		702	313		900	445	168	477	355	526	616	525	760	545	944	535
12	546	245	06	704	381	01	895	522	162	457	352	493	618	496	763	513	950	496
13	546	215	09	708	323	04	906	457	165	561	349	535	614	499	761	483	950	485
14	554	178	10	718	290	04	917	431	179	580	363	525	624	523	769	503	957	477
15	556	147	16	722	245	08	925	403	189	600	368	583	625	547	769	526	955	515
16	550	162	16	714	274	07	914	420	178	522	365	514	628	510	772	523	959	499
17	552	170	14	714	293	05	913	452	173	543	359	505	624	512	769	492	957	493
18	535	284		692	387		883	498	153	441	345	460	614	467	761	473	951	479
19	550	195	09	712	282	06	912	431	176	505	363	541	622	527	766	522	953	495
20	535	155		699	261		903	333	180	467	367	553	626	551	770	514		
21	524	254		682	365		877	443	151	403	346	449	614	491	761	488	950	487
22	529	241	03	687	365		881	485	148	462	339	474	607	475				
23	531	253		689	381		881	491	148	474	338	479	606	466				
24	520	214	06	680	333	02	875	495	140	475	330	479	597	475	745	461	936	463
25	510	288		666	405		857	473	130	424	323	431	595	446	744	444	936	457
26	544	171		707	299		905	467	163	557	349	516	613	512	759	497	947	485
27	556	153	15	720	279	05	919	445	180	603	362	550	622	524	766	532	952	506
28	552	187		714	326		910	481	178	454	367	520	627	527	771	516	958	502

Results of Radiosonde Observations,
MACQUARIE – Mar., 1957

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	1001	0060	59	0001	0888	0096	84	1135	0074	76	1185	0048	68	2935	5026	30	4135	0970	09
02	1002	0071	49	0002	0888	0000	34	1134	0000	13	1182	5026	17	2877	5063	16	4077	1111	12
03	9992	0085	68	5006	0881	0047	50	1127	0006	41	1175	5018	36	2800	5079	25	4000	1254	19
04	0005	0064	46	0005	0900	5003	32	1355	5032	20	1833	5067	18	2866	5141	06	4010	2155	
05	0016	0075	53	0014	0999	0014	40	1455	5006	34	1933	5035	29	2999	5021	11	4199	0922	
06	0022	0068	38	0018	1030	5023	28	1491	5034	17	1966	5034	04	3011	5080	11	4200	1394	10
07	0023	0075	49	0019	1050	0027	19	1511	5029		2000	0009	22	3077	5039	11	4227	1171	10
08	0017	0083	57	0015	1010	0023	45	1471	0058	39	1977	0036	29	3033	5044	28	4244	1011	11
09	0013	0084	56	0111	0970	0036	47	1444	0117	42	1926	0065	29	2999	5010		4200	0748	
10	0013	0075	63	0111	0980	0125	37	1466	0106	27	1966	0082	15	3055	0015	14	4228	0589	09
11	0004	0079	64	0004	0910	0048	60	1381	0073	76	1877	0048	62	2955	5027	33	4158	0842	27
12	0011	0070	53	0010	0950	0018	45	1411	0004	38	1900	5008	29	2966	5039	11	4166	0944	
13	0018	0067	53	0015	1010	0050	27	1488	0060		1970	0042	15	3044	5019	10	4255	1000	
14	0003	0081	60	0003	0900	0092	78	1388	0083	75	1886	0065	59	2966	5010	25	4177	0990	25
15	9989	0092	67	5088	0790	0095	79	1261	0072	73	1766	0040	58	2833	5027	33	4044	0899	23
16	9979	0056	47	5177	0690	5009	34	1141	5041	28	1626	5071	23	2655	5105	20	3833	1151	15
17	9900	0075	66	5088	0790	0036	55	1251	0007	46	1733	5020	40	2793	5062	32	3988	1155	21
18	9885	0071	50	5099	0760	0000	35	1221	5018	31	1701	5040	26	2755	5085	11	3922	1170	05
19	9985	0050	40	5122	0740	5019	31	1191	5042	27	1677	5063	18	2700	5119	14	3855	2222	08
20	9996	0034	19	5033	0820	5047	15	1261	5088	13	1733	5133	12	2733	5154		3886	2032	
21	9987	0053	46	5100	0750	5014	36	1200	5047	31	1683	5083	24	2700	5113	19	3877	1751	14
22	9992	0039	31	5066	0790	5035	25	1241	5070	22	1711	5094	21	2722	5185	10	3855	2800	04
23	0010	0052	43	0091	0940	5023	33	1394	5050	29	1871	5021	27	2922	5050	13	4122	1122	
24	0012	0067	53	0100	0960	0029	48	1422	0025	46	1911	0007	37	2977	5059	27	4177	1200	20
25	0016	0072	56	0140	1000	0049	53	1462	0033	51	1951	5002	38	3022	5020	10	4233	0871	08
26	0010	0071	53	0899	0950	0041	42	1422	0000	35	1900	0035	15	2982	5022	29	4199	0855	12
27	9988	0081	66	5011	0850	0045	52	1322	0045	35	1811	0020	11	2877	5040		4077	1021	
28	9984	0069	53	5133	0730	0015	39	1195	5015	31	1676	5050	26	2711	5117	17	3877	1941	10
29	0009	0039	30	0088	0920	5038	24	1371	5079	21	1841	5075	10	2877	5120	14	4033	2043	09
30	0014	0059	40	0122	0970	5025	29	1422	5045	19	1900	5005	15	2966	5055		4155	1300	06
31	0003	0068	60	0003	0890	0023	49	1355	0005	46	1844	5005	43	2896	5073	28	4068	1522	

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	5552	1681	15	7157	3100	02	9145	4350	1800	5020	3677	5204	6266	5601	7688	5446	9539	5199
02	5455	1711	07	7077	3100	02	9059	4599	1677	5099	3555	4944	6199	5199	7633	5099	9511	4855
03	5366	2011	11	6999	3055	05	8977	4622	1604	4911	3488	4877	6155	4600	7634	4634	9544	4700
04	5342	2722		6922	3310		8893	4444	1588	4644	3488	4786	6157	4788	7624	4711	9522	4886
05	5588	1922		7199	3111	02	9177	4566	1771	5786	3600	5633	6176	5455	7611	5300	9466	5266
06	5555	2300	03	7155	3466		9100	4988	1688	5355	3533	5299	6144	5299	7599	5122	9466	4988
07	5644	2111	04	7243	3386	02	9200	4704	1766	6075	3588	5505	6188	5367	7622	5044	9493	4999
08	5611	1877		7233	3177	04	9200	4511	1800	5957	3622	5736	6211	5299	7655	5155	9533	5000
09	5600	1655		7244	2922		9222	4455	1822	5415	3655	5566	6246	5436	7688	5299	9555	5000
10	5688	1322		7334	2555		9366	4188	1966	6377	3722	6136	6255	5686	7677	5466	9552	5322
11	5555	1541	18	7200	2700	07	9200	4341	1811	6396	3666	5388	6266	5400	7700	5107	9577	5099
12	5555	1766		7188	3088		9155	4755	1731	5611	3588	5177	6211	4955	7677	5022	9555	4933
13	5622	2077		7222	3411		9177	4977	1761	5622	3600	5388	6211	5207	7666	5055	9544	5155
14	5566	1722	11	7200	2811		9199	4377	1811	5544	3644	5344	6255	5197	7711	5055	9577	5155
15	5433	1811	11	7066	3022	03	9044	4533	1699	4788	3588	4899	6233	4933	7699	5033	9566	4977
16	5188	2466	07	6777	3613	03	8747	3933	1533	4933	3477	4544	6155	4803	7622	4833	9500	5011
17	5366	1900	12	6988	2955	05	8977	4466	1600	4455	3499	5077	6122	4995	7588	4922	9477	4888
18	5266	2630	03	6844	3704		8777	4955	1466	4675	3377	4755	6055	4688	7522	4788	9422	4677
19	5177	3199	03	6711	4133	01	8622	4987	1322	4557	3244	4555	5944	4722	7427	4642	9322	4877
20	5211	2722		6788	3788		8733	4477	1432	4877	3322	4677	6002	4822	7477	4922	9366	4777
21	5211	2577	07	6791	3722	02	8722	4822	1377	4870	3266	4877	5932	4888	7399	4804	9277	5011
22	5133	3499	02	6677	3866	02	8641	4192	1352	5145	3266	4704	6103	4782	7400	4833	9299	4977
23	5499	2255		7099	3555		9011	5122	1622	5145	3500	5144	6155	5662	7533	5123	9391	5266
24	5555	1655	15	7200	2755	06	9199	4499	1771	5455	3588	5455	6177	5345	7577	5533	9444	5377
25	5622	1711	05	7255	2811		9244	4577	1822	5511	3600	5511	6166	5588	7600	5522	9422	5511
26	5588	1711	12	7211	2811	06	9200	4511	1788	6296	3599	5711	6111	5587	7558	5555	9411	5433
27	5466	1900	08	7088	3033		9074	4444	1677	6296	3511	5296	5999	5324	7447	5530		5299
28	5144	3233	02	6688	4088	01	8634	4044	1388	5838	3311	4544	6000	4933	7455	5144	9321	
29	5377	2711	04	6944	3822	02	8855	5202	1457	5755	3344	4955	6002	5002	7457	5135		5133
30	5551	2311	05	7111	3500		9044	5177	1577	5966	3400	5366	6022	5222	7466	5105		
31	5433	2233	07	7044	3411	03	8988	5077	1533	5788	3377	5411	5997	5466	7400	5366		

Results of Radiosonde Observations,
MACQUARIE – Apr., 1957

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10-1	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg
01	995	044	37	503	082	5014	29	127	5050	25	174	5074	12	277	5156	06	391	225	05
02	995	041	40	503	081	5023	24	126	5059	22	174	5095	19	275	5159	12	390	226	07
03	011	036	35	009	094	5042	24	139	5001	20	187	5002	10	293	5053		412	121	09
04	010	070	62	009	095	0022	49	141	0015	47	190	5011	40	295	5053	34	415	115	20
05	002	074	60	002	089	0045	58	135	0025	52	184	5004	44	290	5051	30	410	121	16
07	005	067	60	005	091	0030	51	137	0000	56	185	5040	30	291	5013	13	411	105	
07	008	066	53	007	093	0011	42	139	0018	33	187	5047	29	292	5029		412	123	
08	994	065	57	004	082	0025	46	128	0000	39	176	5022	37	281	5080	24	400	135	16
09	996	064	55	003	084	0047	54	130	0028	51	179	5005	43	285	5046	35	405	122	17
10	979	053	46	017	069	0000	33	114	0022	24	162	5034	11	267	5087	08	384	165	09
11	993	072	62	005	081	0045	58	128	0028	55	177	0005	47	283	5031	35	404	094	20
12	991	074	60	007	080	0050	54	126	0024	43	175	0016	38	282	5033		402	114	16
14	994	040	26	004	080	0038	20	125	0077	19	172	5120	16	275	5116	05	391	181	06
14	009	062	45	008	093	5017	25	138	0029	12	186	5033		291	5103	12	408	172	13
16	016	052	38	014	098	5030	24	144	0045	15	191	5077	11	294	5131		410	186	
16	028	039	38	023	108	5010		153	0030		201	5034	18	305	5089	14	423	164	
17	022	060	43	018	103	0015		149	0003		198	5011	17	303	5067		421	151	
18	018	047	50	015	101	0017	28	147	0002	25	195	5013		300	5070		419	151	
19	014	066	41	012	098	0005	38	143	0019	28	191	5028	26	296	5078	16	414	155	09
20	002	052	46	002	087	5010	33	133	0009	26	181	5019	09	286	5078	07	405	153	12
21	002	056	50	002	088	5010	35	133	0041	30	181	5019	18	286	5081		403	171	10
22	001	047	48	001	087	0000	40	133	0026	34	180	5056	23	285	5089	14	402	171	06
23	001	057	53	001	087	0011	43	133	0017	38	181	0005	26	287	5079	10	405	157	06
24	994	069	60	504	082	0036	48	128	0020	37	177	5020	30	282	5074	13	400	145	15
25	981	050	49	515	071	0015	41	116	0015	35	165	5041	31	269	5111	18	385	204	06
26	979	014	34	516	068	5038	26	113	0073	22	160	5101	19	262	5143	14	378	205	04
27	996	028	36	503	082	5040	27	126	0079	23	173	5053	13	278	5079		396	135	
28	983	074	56	514	072	0015	38	118	0014	34	166	5030	23	271	5083	10	388	177	06
29	986	054	52	511	074	5020	34	120	5033	22	168	5049	18	271	5114	20	386	174	14
30	997	054	49	502	084	0004	36	129	5010	25	177	5040	19	282	5089	17	400	132	

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	gpDm	−°C. ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C.×10⁻¹
01	523	291		679	410		872	450	142	460	332	486	598	502	743	499		
02	521	319		676	403		868	457	139	451	330	478	596	497	741	507	929	505
03	550	205	04	710	327		907	476	163	622	344	564	602	548	745	541	930	533
04	552	211	07	714	319	03	911	472	171	592	353	575	610	575	751	567	934	563
05	547	214	07	708	321	03	904	481	162	559	347	523	608	530	751	538	935	538
07	549	209	04	710	317	02	908	456	166	643	343	598	598	569	739	555	923	543
07	548	234	03	708	347	03	902	495										
08	537	205	09	698	321	04	894	479	153	580	334	580	590	572	730	573		
09	542	200	08	703	323	02	898	494	155	624	333	583	589	561	731	563	915	553
10	549	257	04	677	360		872	463	139	475	329	486	595	501	740	510	926	519
11	542	192	09	704	307	03	902	474	157	633	338	555	596	539	740	524	926	513
12	540	190	13	702	314	04	899	461	157	622	336	578	594	538	738	520	925	492
14	541	282	06	698	379	02	889	518	149	509	336	507	597	531	741	533	925	533
14	525	269	03	682	395	01	875	490	141	482	329	505	589	539	732	552	916	537
16	558	246		717	367		909	521	164	591	347	548	605	561	747	557	930	553
16	546	205		707	326		902	499	159	530	344	525	605	543	747	545	931	515
17	556	252		714	363		907	519	161	616	342	562	600	566	742	561	924	550
18	554	227		714	357		908	507	161	625	340	582	597	558	738	557	922	549
19	550	241		709	364	02	901	522	155	638	335	579	590	559	732	570	915	555
20	540	257	06	697	370	02	890	518	142	616	324	556	582	551	725	548	908	553
21	538	251	04	695	383		886	545	141	638	325	541	587	517	731	539	916	541
22	537	259		695	373		887	531	141	616	326	523	589	510	735	469	924	499
23	540	237		699	352	02	894	483	148	568	327	567	589	512	735	488	923	512
24	535	243	07	694	363	02	885	548	136	566	320	532	580	538	723	540		
25	517	303	03	672	432	01	859	575	121	568	309	509	573	500	719	515		
26	510	293		665	422		853	528	119	500	309	473	576	491	722	488	911	507
27	533	226		692	355		885	511	138	481	319	587	577	550	720	542		
28	521	285		677	411		867	510	131	620	318	528	579	540	722	541	905	573
29	521	280	06	677	415	02	865	534	128	505	317	486	582	506	727	516	912	532
30	536	244	04	694	385	01	884	555	136	485	320	534	581	531	725	530	911	517

Results of Radiosonde Observations,
MACQUARIE – May, 1957

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg
01	992	0066	62	506	080	0037	50	127	0017	36	175	5016	28	280	5075	09	396	164	
02	995	0037	44	503	081	5018	33	127	5029	32	175	5047	22	278	5114	09	395	200	
03	990	0044	46	507	077	5025	34	123	5014	27	171	5052	25	275	5095	25	393	153	17
04	999	0061	41	500	085	5013	32	131	5020	29	179	5046	26	283	5082	15	402	131	07
06	979	0040	43	517	068	5015	32	114	5045	18	161	5069	15	264	5125	08	380	196	05
07	965	0075	55	529	058	0033	45	104	0009	38	152	5017	31	257	5110	19	374	175	
08	996	0006	35	503	081	5070	25	125	5100	19	171	5140	15	271	5209	06	383	295	04
09	004	0000	27	004	087	5071	17	131	5109	13	178	5141	07	277	5204		391	223	
10	984	0051	53	513	073	0003	43	119	5021	36	166	5049	30	270	5100	20	387	180	11
11	983	0043	37	513	072	5020	31	117	5015	09	165	5050	15	269	5109		385	207	
12	985	0038	36	512	073	5031	29	118	5051	23	166	5054	18	269	5107		386	193	
12	980	0076	59	516	070	0035	49	117	0006	43	165	5030	35	269	5088	12	387	169	05
13	994	0017	29	504	079	5059	20	124	5100	18	170	5139	13	270	5195		383	250	
14	009	0028	31	008	092	5056	24	136	5093	22	183	5085	15	286	5125	15	403	185	10
15	000	0062	51	001	086	0035	50	133	0007	38	181	5023	30	286	5067	26	406	097	24
16	012	0060	52	010	096	0003	41	141	5020	31	190	5023	13	294	5084	17	412	177	11
17	019	0045	48	016	101	5010	34	147	0006	31	195	5010		301	5058		419	158	
18	013	0053	49	011	097	5006	35	142	5031	31	190	5034	31	295	5076		413	154	
19	012	0045	43	010	096	0015	45	141	5012	40	190	5030	34	295	5080	13	412	155	
20	002	0043	52	002	088	0029	52	134	0016	51	183	5020	41	286	5086	26	406	170	13
21	998	0054	56	501	085	0037	55	132	0011	48	180	5020	40	285	5087	27	402	175	12
22	989	0023	25	508	076	5044	20	121	5080	17	167	5108	17	271	5125		386	207	
23	973	0003	32	521	062	5061	22	107	5098	16	153	5131	11	253	5210	07	365	304	04
25	980	0015	36	516	068	5053	21	113	5091	18	159	5126	15	260	5206	07	372	283	03
25	977	0020	40	518	066	5021	35	112	5041	33	159	5067	28	262	5141	16	376	200	01
27	989	0003	28	508	075	5067	21	120	5103	16	166	5138	11	266	5215	07	378	283	04
28	005	0013	29	005	088	5070	22	132	5101	20	179	5108	20	281	5139	08	396	308	04
28	013	0019	32	011	094	5074	22	139	5111	19	185	5112	17	287	5126		404	180	
29	017	0007	26	014	097	5077	20	142	5114	18	188	5122	15	290	5134	16	406	202	04
30	010	0021	35	009	093	5039	31	138	5060	29	185	5071	27	288	5118		404	192	
31	009	0044	48	008	093	5019	34	138	5042	32	186	5049	28	291	5085		409	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	532	267	04	689	385	02	880	534	140	508	326	523	588	532	731	549	915	532
02	527	291		683	389		874	508	140	488	328	498	591	536	733	558	917	543
03	528	255	08	687	363	03	878	527	137	517	325	501	591	492	737	508	923	500
04	538	230		697	374		887	558	144	531	329	532	591	526	736	503	924	502
06	513	300		667	422		858	467	129	437	321	476	588	499	733	493	921	495
07	507	289		662	410		856	440	127	457	318	461	584	503				
08	511	361		663	460		849	556	115	457	307	457	577	458	724	483	913	469
09	524	290		680	385		871	551	128	525	315	479	581	496	727	495	914	499
10	521	284	04	676	417	01	864	582	122	510	310	487	576	506	721	510	908	521
11	517	285		674	385		863	556	121	520	308	500	573	505	719	488	907	515
12	519	273		675	398		864	567	120	552	306	505	569	509	715	497	901	522
12	521	285		676	427		864	565	122	519	309	503	572	510	717	503	905	509
13	514	331		667	438		855	553	118	485	307	485	572	493	718	495	906	496
14	537	275	05	693	392	02	883	557	134	577	318	527	580	537	723	515	909	522
15	544	184	12	707	306	04	904	468	159	668	336	562	595	507	375	36		
16	546	250	05	704	388	01	894	540	148	565	332	527	595	505	740	506	927	506
17	554	264	05	712	368	02	904	532	158	604	341	543	600	532	745	511	932	508
18	548	250		706	369		899	519	152	592	336	527	597	512	742	504	930	504
19	548	240	03	706	361		899	506	155	603	338	520	600	519	745	499	933	490
20	540	244	04	699	372		891	521	146	577	332	497	595	510	740	509	927	499
21	536	267	05	693	407	01	882	555	140	503	328	501	591	515	736	512	923	497
22	518	309		673	419		862	540	123	506	311	492	577	492	723	488	911	504
23	491	428	01	639	494		827	491	094	474	283	479	550	483	697	499	884	512
25	511	278	05	668	381	02	859	527	113	555	299	506	561	532	703	565	885	586
25	501	326	02	655	419		845	515	108	492	295	513	557	536	700	544	884	567
27	506	366	02	657	488		842	541	106	493	294	508	556	549	698	577	877	607
28	538	252	04	696	360		889	517	139	725	315	608	570	569	712	552	896	545
28	528	290		684	412		873	561	126	605	307	576	562	579	702	576	883	585
29	538	281	04	694	410		882	579	129	652	307	609	558	607	697	589	877	607
30	538	263		695	394		884	557	132	706	307	610	557	633	694	643	870	633
31	544	241		702	383		893	546	138	748	309	669	556	629	693	627	868	641

Results of Radiosonde Observations,
MACQUARIE – Jun., 1957

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	0051	49	009	094	5009	37	139	5030	33	187	5066	22	290	5121		407	184	
02	997	0055	57	502	084	0040	57	131	0040	60	180	0021	55	287	5048	34	407	106	21
03	985	0050	51	512	074	5014	37	119	5044	31	166	5061	29	270	5110	15	387	188	10
04	998	0022	27	501	083	5061	21	127	5099	19	174	5106	13	275	5165	08	390	205	
05	001	0023	32	001	085	5058	24	130	5095	20	176	5131	16	278	5141		395	147	
05	990	0056	54	508	078	0013	44	124	0021	49	173	5004	43	279	5046	33	399	110	17
06	996	0046	47	503	082	0014	46	128	5007	37	177	5039	28	281	5111	14	397	193	07
07	988	0041	46	509	076	5006	37	122	5025	33	169	5061	26	273	5123	11	389	205	06
08	964	0037	50	529	056	0000	42	102	5035	35	149	5056	30	253	5106	21	370	183	12
08	964	0037	50	529	056	0000	42	102	5035	35	149	5056	30	253	5106	21	370	183	12
09	998	0029	44	501	083	5036	33	128	5052	28	176	5077	21	278	5127		394	189	
11	996	0037	24	503	082	5035	22	127	5077	16	174	5105	05	275	5190	07	386	244	
13	987	0021	28	510	074	5055	21	119	5097	16	165	5135	12	265	5207	08	377	300	04
13	978	0049	55	518	068	0019	48	114	5011	40	162	5045	33	267	5074	26	385	157	10
14	000	0019	33	001	084	5058	23	129	5090	21	175	5115	18	276	5180	08	390	248	
15	005	0051	52	005	090	0032	49	137	0023	44	186	0010	24	292	5051	18	411	117	14
17	999	0057	57	500	086	0066	68	133	0044	62	182	0006	50	289	5033	41	409	104	23
18	997	0049	47	502	083	5021	33	128	5053	28	176	5071	23	278	5135	13	395	176	04
19	995	0010	20	503	080	5068	15	124	5109	15	171	5140	14	271	5183		384	245	
19	998	0040	46	501	084	5030	27	128	5058	25	176	5075	24	279	5134	16	394	199	09
20	987	5018	21	510	073	5084	16	117	5124	13	163	5161	09	262	5254	04	372	321	
22	987	0011	38	510	074	5046	26	119	5081	20	165	5118	15	266	5194	07	376	289	03
22	996	5005	21	503	081	5077	15	125	5118	13	171	5159	11	270	5195	08	384	247	04
23	990	5039	20	507	075	5099	14	119	5141	12	164	5179	09	263	5232	03	376	257	02
25	981	5031	23	515	068	5099	17	112	5140	13	158	5166	12	257	5199	05	370	272	
25	991	5006	26	507	077	5079	19	121	5111	18	167	5152	13	268	5134	07	384	203	
26	992	0033	47	506	079	5023	34	124	5043	29	172	5056	17	276	5123	16	392	198	09
27	982	0048	54	514	072	0022	50	118	5005	43	166	5029	37	270	5095	18	387	193	06
28	007	0011	29	006	090	5071	22	134	5072	09	181	5079		284	5132		399	219	04
29	009	0044	45	008	093	5016	35	138	5017	13	186	5043	13	291	5092	13	408	165	

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	540	280	04	696	411		884	572	135	655	312	614	563	632	700	633	876	651
02	544	194	11	706	329	03	901	507	154	591	335	581	585	637	721	657		
03	519	299	03	674	441	01	863	495	129	476	317	505	578	572	718	584	897	607
05	537	199	08	699	324	03	894	498	150	616	329	620	581	601	720	612	898	626
05	523	259		682	359													
05	530	219	05															
06	530	286	02	686	403		877	521	134	564	317	551	576	555	718	557	900	581
07	521	296	04	677	413	01	866	546	126	517	313	505	576	534	719	538	903	565
08	503	294	04	657	438	01	844	534	110	471	301	471	568	487	714	499	900	532
09	528	272		686	386		875	558	132	505	319	499	584	516	728	529	914	519
10	521	285		677	396		869	488	133	514	320	521	584	509	729	517	914	531
11	519	304	04	675	400		865	514	127	505	314	497	579	496	726	485	915	489
13	504	404	01	652	496		840	522	103	493	292	481	557	508	703	521	890	515
13	520	248	06	679	331	03	875	476										
14	521	314		675	426		863	555	121	536	305	561	564	547	707	529		
15	549	205	07	709	328	03	905	498	157	670	333	600	586	593	724	604	904	608
17	547	193	12	709	302	05	906	479	162	655	339	589						
18	529	263	03	687	372		879	518	138	529	323	529	583	546	726	530		
19	527	304	04	683	409	01	871	567	129	513								
19	515	328		669	432		858	513	126	430	320	437	590	467	738	494	926	533
20	499	380		651	420		844	433	119	392	314	423	585	488	732	484	920	501
22	515	325		668	458		853	563	114	470	306	438	575	486	721	510	908	515
22	507	362		658	473		844	548	105	495	293	500	557	500	703	521	890	517
23	505	352		657	425		848	502	113	477	303	485	569	499	715	518	900	541
25	517	296		672	409		861	548	113	586	296	534	556	527	699	538	884	535
25	500	327		653	431		842	517	107	490	295	478	561	504	705	519	891	539
26	525	293	04	680	430		867	579	120	576	303	547	563	539	706	547	890	547
27	520	305	03	674	419		864	533	125	510	312	507	576	522	720	519	905	548
28	531	322		685	437		871	577	131	495	320	485	587	490	732	507	919	536
29	543	274	02	699	414	01	887	563	142	540	328	503	592	528	736	506	922	532

Results of Radiosonde Observations,
MACQUARIE – Jul., 1957

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg
02	007	5009	31	006	089	5080	23	133	5069	09	181	5045		285	5101		401	197	05
02	011	0028	44	009	096	0057	41	142	0015	30	191	5029	14	295	5095	13	413	165	08
04	004	0050	48	004	089	5013	30	134	5026	22	182	5050	08	286	5125	06	401	207	05
04	015	0046	52	013	098	0025	43	145	0009	36	193	5009	30	298	5075	18	416	159	09
06	004	0029	29	004	088	5048	19	132	5082	17	179	5118	15	280	5149		396	193	09
06	014	0010	37	012	096	5035	31	141	5065	25	188	5094	14	290	5159	11	404	238	06
08	014	0033	36	012	096	5055	23	141	0025		189	5062	12	293	5107	11	409	187	08
08	015	0027	37	013	097	5005	10	143	0024		190	5066		293	5109		410	190	
09	018	0040	41	015	099	5015	25	145	0005	10	193	5028	13	297	5118	08	414	193	05
10	012	0030	36	010	094	5047	27	139	5070	08	186	5075		289	5118		406	182	
12	009	0033	35	008	092	5041	19	137	5076	15	184	5111	09	284	5192	03	397	276	
12	005	0058	52	005	090	0005	44	136	5027	37	184	5055	31	287	5102	11	403	201	06
13	998	0026	27	001	083	5051	22	128	5071	17	175	5099	04	277	5135		392	220	
15	991	5002	32	507	077	5071	22	121	5103	19	168	5113	17	269	5168	09	383	243	04
15	017	0018	32	014	098	5069	23	142	5096	19	189	5078	18	292	5107	10	410	165	05
16	022	0015	29	018	101	5072	21	146	5070	15	193	5053		297	5098	06	414	183	05
17	019	0026	40	016	099	5051	25	145	5022	09	193	5038		296	5105		413	192	
18	012	0036	43	010	095	0001	36	140	5020	28	189	5035	22	293	5107	07	405	180	
19	006	0031	39	006	090	5033	26	135	5069	16	182	5105	13	283	5164		397	223	
20	013	0030	34	011	095	5062	24	139	5098	21	186	5089	14	288	5150		403	189	
21	013	0028	36	011	095	0036		141	0019		190	5009		295	5079		412	175	05
22	000	0045	48	001	086	5021	36	131	5042	31	179	5052	29	283	5104	15	399	187	10
23	986	0017	28	511	073	5055	18	118	5096	15	164	5134	13	264	5206	09	376	305	04
24	995	0003	31	503	080	5055	22	125	5094	18	171	5131	14	272	5169	05	386	218	08
26	987	5070	13	510	072	5139	09	115	5177	08	160	5215	07	257	5294	03	366	317	03
26	013	5029	19	011	093	5114	14	137	5141	13	182	5151	09	284	5147		399	225	
28	019	0020	35	016	099	5065	23	144	5032	08	192	5063		295	5128		411	206	04
28	019	0058	49	016	101	5016	32	146	5039	26	194	5075	22	297	5115	06	414	185	04
29	009	0045	48	008	093	5007	40	138	5023	37	186	5055	29	290	5118	19	406	209	09
30	007	0065	46	006	091	0012		137	5030	23	185	5041	28	290	5087	21	407	165	14
31	015	0065	54	013	098	5000	40	144	5019	34	192	5020	16	297	5090	06	414	185	

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹
02	547	262	04	704	381	01	896	524	148	651	327	598	583	564	723	597	903	593
02	534	285	03	690	409		879	557	133	554	319	529	581	535	724	547	908	552
04	551	253	05	710	361	02	902	525	153	680	329	595	584	589	725	581	906	582
04	532	318		686	420		876	529	133	570	315	548	574	557	716	564	898	581
06	529	277	05	686	394	02	875	545	130	577	314	535	575	539	718	533	902	550
06	534	350	02	686	460	01	872	557	129	554	313	545	572	564	713	574	894	590
08	543	283		699	411		887	565	132	644	311	577	568	563	709	569	891	584
08	542	294		697	418		885	566	134	632	314	569	570	570	710	558	892	582
09	546	305	02	699	443		885	587	133	649	310	604	563	609	702	605	881	593
10	539	304		693	439		879	599	129	592	309	601	563	587				
12	536	287		691	423		879	580	122	746	292	666	539	646	675	623	853	635
12	526	345		678	459		863	604	112	607	293	605	546	597	685	599	865	581
13	524	318	02	677	436		864	593	113	645	289	629	539	623	677	647	852	665
15	543	275	03	699	388	01	890	533	141	671	316	615	566	630	703	624	879	663
15	513	333	02	665	480		851	549	109	553	292	583	546	602	684	630	860	638
16	547	276		704	385		895	530	145	690	319	633	569	615	706	638	881	646
17	546	291		701	408		890	552	138	707	311	643	560	632	696	664	869	685
18	542	297	03	697	430	01	884	596	128	683	303	631	553	627	690	636		
19	529	310		683	440		871	537	128	566	310	562	566	579	705	599	885	602
20	537	277		693	410		882	548	139	565	322	580	578	552	720	574	901	589
21	546	284		702	396		892	555	141	647	321	578	575	590	716	589	895	594
22	533	289	05	687	434	01	873	614	119	616	298	595	552	597				
23	503	368	02	655	426	01	845	523	108	474	297	496	558	550				
24	519	297	05	674	403	02	864	549										
26	530	303		685	415		873	567	121	685	297	612	550	607	689	608	869	582
26	494	364	01	646	425		837	490	104	476	292	500	558	500	703	523	887	558
28	547	293	03	702	415	02	890	582	135	716	308	660	554	659	689	663	863	660
28	543	305		697	430	01	884	596	126	732	298	659	545	643	682	635	859	637
29	538	295	04	692	433	01	879	586	127	652	303	621						
30	541	262	06	698	394	02	888	554	133	755	304	668	551	626	688	635	862	668
31	548	257		706	385		896	551	142	736	309	711	554	657	689	650	863	684

Results of Radiosonde Observations,
MACQUARIE – Aug., 1957

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	dg/kg
02	002	0059	52	002	088	0015	44	134	5025	33	182	5062	08	286	5095		403	177	04
02	010	0055	50	009	094	0011	37	140	5013	33	188	5045	28	293	5084		410	174	
03	998	0025	43	001	083	5005	41	129	5025	37	177	5045	34	281	5111	22	397	187	10
04	014	0050	37	012	097	5014	08	142	5036		190	5063		293	5099		410	178	04
05	021	0051	48	018	102	5018	33	147	5048	28	195	5078	23	299	5076		418	149	
07	008	0055	53	007	093	5022	50	139	5013	49	187	5018	36	292	5095	23	410	166	13
07	015	0056	53	013	099	0025	49	145	5005	42	193	5025	37	297	5105	21	415	175	10
08	013	0049	53	011	097	0012	42	142	5015	35	190	5045	37	295	5094	07	412	174	08
09	010	0065	54	009	095	0041	54	141	5016	47	190	5017	38	295	5081	23	412	172	11
10	012	0052	54	010	096	0021	46	142	5004	39	190	5029	35	294	5100	20	411	175	11
11	012	0034	48	010	095	0014	46	141	5010	39	189	5050	29	294	5099	15	411	175	09
12	012	0023	43	010	095	5010	26	140	5027	18	188	5049	16	291	5132	13	407	205	09
13	008	0026	38	007	091	5052	26	136	5040	16	183	5059	09	287	5096		404	169	
14	019	0019	38	016	100	0019		146	5018		195	5042		300	5072		418	134	05
15	014	0049	45	012	097	5002	34	143	5037	26	190	5058	19	295	5070	07	413	155	
16	986	0061	56	511	075	0008	44	120	5014	39	169	5047	30	273	5102	19	590	179	10
17	984	0020	36	512	072	5045	20	117	5069	19	164	5106	14	265	5186	10	377	282	04
18	974	0033	45	521	064	5016	36	110	5047	30	157	5081	25	259	5151	13	374	240	06
19	998	0010	34	501	083	5063	17	127	5098	15	173	5132	13	274	5203	08	386	267	03
20	009	5005	19	008	091	5092	14	134	5120	08	181	5143	05	281	5179	06	396	187	08
21	007	0021	39	006	090	5051	28	135	5087	21	182	5073	14	285	5091	18	402	179	12
22	999	0033	38	500	084	5045	23	129	5070	19	176	5108	17	279	5135		394	209	
23	009	0041	48	008	093	5021	35	138	5039	33	186	5059	29	290	5089	06	407	157	
24	016	0040	40	014	098	5026	27	144	0003	27	192	5023	22	296	5111	16	413	161	05
25	022	0009	29	018	101	5046		146	5054		193	5078		297	5083	08	415	166	08
27	015	0050	51	013	098	0008	38	144	5016	27	192	5054	21	295	5124	16	411	201	08
27	015	0035	35	013	098	0023	25	144	0004	17	192	5023	08	297	5073		415	170	
28	012	0052	48	010	096	0030	47	142	0010	38	190	5020	31	295	5083	15	413	167	06
29	999	0063	57	500	085	0013	45	131	5014	33	179	5060	27	284	5080		401	173	
30	994	0031	30	504	080	5038	26	125	5070	16	172	5095		274	5163		389	226	03
31	012	0041	30	010	094	5047	22	139	5060	14	186	5096	09	286	5151	06	403	230	05

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹
02	537	272		693	388		883	568	130	663	308	586	562	567	702	583	883	593
02	543	280	05	700	400	02	888	575	136	644	313	617						
03	531	284	04	686	411		875	562	126	568	309	551						
04	543	293	02	698	422	01	887	545	138	617	317	612	571	582	711	592	892	583
05	553	254		710	379		901	547	148	694	318	691	562	671	696	695	867	699
07	548	286	05	704	399	02	894	551	141	705	316	626	563	671	696	704	868	711
07	544	271	03	700	387		891	547	140	667	316	620	563	660	699	661		
08	546	276	04	702	405	01	891	574	136	711	308	664	553	685	686	697	856	733
09	546	278	05	702	411	02	891	569	141	632	319	610	570	640	706	659	880	668
10	544	288	04	699	432	01	886	602	135	593	317	568	572	603	710	617	887	659
11	545	281		701	409		889	562	143	562	326	548	585	572	725	583	906	595
12	539	300	03	694	431		880	587	134	556	319	537	579	554	720	575	902	592
13	538	284		694	414		882	561	134	580	317	554	575	544	717	562	899	569
14	554	250	03	712	375		902	558	147	729	323	594	574	606	714	579	894	599
15	549	238		708	354		901	522	150	740	319	551	566	652				
16	523	273	05	680	392	02	870	561	123	600	303	598	554	631				
17																		
18	504	348	02	656	455	01	844	535	103	569	284	603	535	638	670	676		
19	516	334		668	448		855	561										
20	530	265		686	408		874	577	122	610	299	615	551	630	688	620	864	660
21	536	274	06	692	400	02	881	571	123	738	294	677	540	643				
22	528	254		686	375		876	549	125	619	306	585	558	613	695	633	871	647
23	542	260	04	699	386		889	561	136	645	315	596	569	582	708	612		
24	548	269	02	705	380		896	540	145	679	322	605	574	585	714	609	892	631
25	549	247		707	380		898	547	145	741	313	668						
27	544	288		700	395		889	569	137	669	314	614	567	594	706	595	887	576
27	548	282	04	704	411	01	892	571	139	671	314	642	562	639				
28	548	234		708	363		900	525	149	716	316	741	560	654	695	651	870	653
29	536	261		694	357		887	519	138	635	317	605	570	659	708	605		
30	520	317		674	433	01	862	525	124	494	312	506	576	524	719	536	903	550
31	534	305	02	690	418		877	571	136	507	322	513	585	531	728	528	913	538

Results of Radiosonde Observations,
MACQUARIE — Sep., 1957

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	0041	46	015	100	0004	40	146	0010	27	194	5056	13	297	5155	11	413	197	05
02	021	0050	54	018	103	0000	42	148	0034	34	196	5065	28	300	5114	18	417	174	05
03	021	0043	49	018	103	5008	35	148	0036	29	196	5069	19	298	5130	13	414	212	07
04	011	0049	51	010	095	5007	40	140	0022	37									
05	010	0051	49	009	094	0009	40	140	0025	33	188	5037	25	293	5080		411	149	
06	010	0058	52	009	095	0027	50	141	0006	41	189	5035	35	294	5076	11	412	138	
07	009	0056	55	008	094	0033	52	140	0000	43	188	5028	36	293	5088	13	411	136	08
08	017	0040	34	014	099	0013	09	145	0005		193	5023		298	5081		415	172	
09	017	0053	52	014	100	0025	49	146	0005	34	195	5039	23	299	5080		417	161	
10	014	0061	49	012	099	0070	45	145	0030	35	194	0017	18	301	5049	11	420	141	07
11	010	0056	50	009	094	0027		140	0007		188	5025	09	293	5107	06	409	175	
12	993	0046	44	505	080	5007	25	126	0011	37	174	5029	36	279	5084	28	397	151	17
13	988	0036	38	509	075	5032	25	120	0070	18	167	5105	13	269	5175	04	382	271	09
14	009	0034	25	008	092	5057	19	136	0098	15	183	5129	15	284	5127	10	401	174	07
15	006	0029	34	006	089	5048	26	135	0023		183	5027		287	5086		405	186	05
16	007	0046	50	006	091	0005	43	137	0006	40	186	5010	32	291	5075	14	409	160	10
17	992	0045	53	506	080	0018	47	126	0011	44	174	5008	41	280	5063	21	399	147	07
18	991	0051	39	507	078	5026	29	124	0028	29	172	5048	24	276	5101	19	394	145	10
19	001	0053	34	001	087	5026	26	131	0070	18	179	5090	06	282	5116		396	197	
20	991	0070	57	507	079	0031	48	125	0009	43	174	5023	35	279	5067	11	397	154	10
21	987	0053	56	510	076	0044	55	123	0017	47	171	0005	49	276	5083	26	394	161	14
22	979	0045	41	517	069	0000	33	114	0036	22	162	5066	18	265	5148	11	379	234	
23	985	0034	30	512	073	5034	21	118	0075	20	165	5118	17	265	5203	08	377	297	01
24	995	0036	29	503	081	5040	24	126	0064		173	5093	06	275	5141	09	390	234	07
25	010	0004	22	009	092	5082	17	136	0096	19	182	5128	16	283	5150		396	220	
26	003	0036	43	003	088	5007	39	133	0035	33	181	5055	29	285	5120	17	401	194	09
27	002	0036	43	002	087	0004	27	135	0020		181	5044		285	5110		401	196	05
28	997	0020	32	502	082	5021	26	127	0051	15	175	5081	12	278	5115		394	191	
29	990	0052	53	508	078	0000	39	123	0032	33	171	5065	26	274	5123	18	390	201	09
30	971	0043	54	523	062	0008	45	108	0013	41	156	5040	36	260	5096	22	376	186	09

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹
01	545	303	02	699	433		887	559	143	545	329	521	542	507	736	523	922	531
02	550	283		706	415		894	547	152	542	338	507	601	504	746	509	932	518
03	546	306		701	406		894	506	151	551	336	507	598	526	740	553	924	564
04																		
05	546	256	03	704	378	01	895	533	143	673	321	562	577	582	717	566	901	534
06	548	224		708	338	03	902	517	152	717	328	587	585	566	727	556	911	546
07	547	243	04	705	366	02	898	521	149	617	329	566	586	571	728	564	912	537
08	549	289		704	419		893	556	147	574	329	549	588	549	731	553	914	559
09	551	269		707	399	01	896	572	146	607	327	558	585	550	727	559	911	548
10	556	231		715	353	01	908	518	158	690	334	596	592	561	733	549	918	534
11	543	271	06	701	369	03	892	523	146	591	328	544						
12	532	261	07	689	375	03	861	523	135	586	316	569	573	563	715	567		
13	512	330		666	425	01	854	554	109	596	289	594	547	536				
14	534	287	03	690	400	02	879	575	124	663	303	547	564	555	706	534	892	531
15	539	249	06	698	343	02	892	505	144	631	326	565	582	567	723	573	905	572
16	544	254	07	702	360	03	895	523	146	650	325	573	580	576	720	585	902	562
17	534	247	05	692	358	01	886	503	138	630	319	563	578	536	722	542	907	528
18	529	228	05	689	347		882	503	137	620	320	539	582	504	728	505	915	506
19	530	307	02	684	431	01	872	558	130	507	319	487	584	443	731	503	920	474
20	533	228	05	692	357		884	548	136	567	320	522	584	497	730	476	919	479
21	529	249	07	687	376	02	879	516	139	507	327	497	593	490	740	489	929	484
22	510	347		661	483		852	439	127	412	321	435	590	493	737	474	925	504
23	505	395		654	486		840	539	099	537	285	497	555	434	707	379	904	373
24	520	343	03	672	482	01	856	565	118	509	306	487	574	447	723	433	916	456
25	529	336		681	457		867	589	125	524	312	495	578	474	726	484	915	474
26	533	307	04	687	436	01	873	576	128	539	313	518	576	505	722	493	911	469
27	534	292	02	689	420		876	564	133	542	319	507	583	513	728	512	915	486
28	527	258		684	383		875	534	133	535	317	533	577	545	720	540	907	532
29	522	299	03	676	445		862	611	114	594	294	585	549	579	689	595	870	571
30	511	287	03	667	418	01	854	581	106	617	283	639	532	598				

Results of Radiosonde Observations,
MACQUARIE – Oct., 1957

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	975	0015	37	520	065	5036	28	110	5050	27	157	5086	22	261	5100		377	182	05
02	978	5013	27	517	066	5068	22	111	5094	20	157	5120	15	258	5167	12	372	225	06
03	990	0015	25	507	076	5063	21	121	5096	19	167	5125	17	269	5148	07	384	205	
04	003	0031	38	003	087	5049	27	132	5075	24	179	5090	21	281	5126	16	399	170	11
05	006	0061	46	006	091	5005	33	136	5036	29	184	5044	27	289	5076		407	142	09
06	993	0054	37	505	080	5021	31	125	5019	23	173	5042	09	278	5076		396	160	08
07	997	0035	42	502	083	5023	35	128	5051	29	175	5088	22	279	5116	12	395	209	05
08	997	0022	28	502	092	5058	23	128	5020		175	5041		279	5099	12	396	190	04
09	978	0045	45	517	068	5006	37	113	5021	35	161	5051	27	265	5106	12	382	173	
10	983	0049	45	513	072	0005	37	118	5009	18	166	5039	16	270	5110	09	386	196	
11	976	0050	53	519	066	0010	46	112	5016	40	160	5049	33	264	5115	20	380	198	11
12	988	0016	33	509	075	5030	29	121	5021	13	168	5050	12	272	5108	06	389	190	04
13	991	0035	33	507	078	5035	23	123	5073	14	170	5103	10	271	5165		386	239	
14	984	0065	51	513	073	0029	43	119	0000	39	168	5037	32	272	5074	21	390	159	05
15	992	0054	41	506	079	5013	25	125	5035	18	172	5059	11	275	5135	06	391	221	04
16	976	0047	46	519	066	0009	41	112	5015	37	160	5028	32	265	5099	13	382	183	06
17	987	0033	25	510	074	5040	22	119	5078	18	166	5112	16	267	5187	08	381	259	
18	004	0043	33	004	088	5054	23	133	5083	18	179	5109		280	5192		393	274	
19	009	0036	38	008	092	5025	32	138	5049	29	185	5082	24	287	5145	15	403	182	12
20	963	0016	29	530	055	5034	23	100	5077	20	147	5106	19	248	5175	08	362	245	06
21	978	0015	31	517	067	5039	25	112	5080	20	159	5109	18	260	5174	11	375	199	04
22	999	0030	39	500	084	5010	34	130	0030	11	179	0005		284	5065	15	403	140	13
23	996	0062	50	503	083	0007	39	129	5023	33	177	5047	25	280	5118	15	397	196	08
24	991	0020	32	507	077	5050	23	122	5011	20	169	5088	09	272	5137		387	209	
25	977	0054	41	518	067	5025	27	112	5060	17	159	5094	14	261	5165	07	375	255	05
26	979	0017	33	517	068	5035	19	113	5073	17	161	5106	14	262	5184	09	375	247	03
27	987	0025	28	510	074	5048	22	119	5086	14	165	5118	12	266	5196	07	378	276	04
28	990	0021	33	507	077	5053	23	121	5097	17	167	5145	11	268	5205	05	379	305	02
29	980	0010	17	516	068	5060	15	113	5097	15	159	5139	10	259	5216	04	370	304	02
30	986	0010	19	511	073	5064	15	117	5105	15	164	5143	12	264	5187	08	377	255	
31	987	0035	24	510	074	5056	18	119	5096	17	166	5059	07	270	5096		386	185	

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	510	295		665	440		851	579	102	629	280	627	531	591	671	586	852	548
02	504	298	04	659	415	01	848	564	104	568	287	532	549	525	694	525	881	472
03	517	274	05	673	404	02	862	569	122	493	310	496	574	515	719	503	907	492
04	534	225	07	694	354	02	886	525	141	544	326	521	589	507	734	505	922	488
05	543	222	10	703	339	04	897	531	147	612	329	545	591	519	736	497	924	505
06	530	263		688	377		880	523	142	491	330	513	595	497	741	486	930	480
07	528	295	02	682	422		874	472	143	476	332	491	597	497	743	481	932	488
08	529	296		684	396		877	494	140	504	329	481	594	483	739	514	927	498
09	516	266		673	403		863	541	120	549	305	544	564	541	706	562	892	537
10	519	300	02	673	441	01	858	624	115	516	302	526	561	563	702	583	882	620
11	512	307	04	666	436	01	853	605	101	629	279	609	531	592	670	593	851	570
12	521	301		675	440		861	597	111	613	288	636	541	574	682	552	867	519
13	517	309		671	430		859	540	119	526	306	510	569	518	715	481	904	462
14	526	235	07	684	369	03	877	528	129	567	315	507	580	488	727	491	917	451
15	523	305	03	678	411	01	866	573	122	535	308	509	575	451	725	429	919	438
16	516	250		674	369		866	502	133	472	323	465	592	459	741	451	935	418
17	510	318		665	394		862	392	140	386	336	425	606	459	755	447	948	453
18	522	356		674	425		866	461	140	399	336	430	609	449	757	456	950	443
19	537	265	07	695	367	03	889	500	146	521	334	473	602	475	750	461	951	460
20	493	320	02	647	405		842	387	122	390	317	403	591	445				
21	509	247		668	361		861	509	125	468	319	414	593	435	745	404		
22	539	239	06	698	359	03	891	503	148	579	331	524	592	531	736	512	923	497
23	530	271	02	687	383		881	466	147	473	336	482	604	473	752	475	943	464
24	519	313		673	415		864	499	128	502	315	501	583	462	731	455	924	450
25	505	332		659	409		852	455	125	405								
26	505	343	01	658	446	01	846	537	112	459	305	402	581	404				
27	507	359	02	658	482	00	847	520	110	477	303	396	584	368	738	367	936	393
28	507	384		657	493		842	551	103	493	292	472						
29	498	365		650	426		842	476	109	469	302	426	578	384	731	387	928	389
30	508	274		665	376		857	502	124	459	317	419	594	393	746	403	942	417
30	520	285	03	676	383	01	867	534	132	462	323	453	595	442	745	439	938	443

Results of Radiosonde Observations,
MACQUARIE – Nov., 1957

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C ×10-1	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	-°C ×10⁻¹	dg/kg
01	992	0035	40	506	079	0000	40	124	0008	30	173	5027	16	277	5097	16	396	111	
02	001	0049	41	001	086	5025	31	131	0054	26	179	5077	23	282	5116	18	399	174	12
03	013	0045	43	011	096	5011	35	142	0022	27	191	0000	23	297	5047	11	416	130	08
04	014	0062	46	012	097	5009	36	143	0025	25	192	0015	14	296	5045	16	418	120	10
05	008	0069	54	007	093	0015	44	139	5021	37	187	0015	30	294	5045		413	117	
06	995	0064	57	003	083	0032	51	129	0005	46	177	5010	43	283	5055	29	403	117	17
08	995	0015	43	003	081	5030	32	126	5033	32	174	5030	35	279	5076	26	398	143	15
08	011	0040	27	009	093	5053	22	138	5064	15	185	5059		289	5079		408	140	07
09	001	0044	40	001	086	5027	32	131	5041	31	179	5060	17	282	5110	09	399	175	
10	002	0041	33	002	087	5026	28	132	5063	25	179	5063	19	282	5119	07	399	192	
11	999	0063	48	000	085	0000	40	131	5033	33	179	5049	30	283	5087	25	401	153	16
12	986	0053	51	511	075	0005	41	120	5019	38	168	5045	33	272	5106	21	389	191	11
13	977	0055	45	518	067	5005	36	113	5031	33	161	5055	29	264	5110	21	381	192	07
14	983	0050	38	513	072	5024	30	117	5023	29	165	5020	22	270	5072		389	135	11
15	967	0073	57	527	059	0020	43	105	5015	34	153	5035	24	258	5105	18	374	183	11
16	966	0066	51	528	058	0015	40	104	5027	33	152	5058	26	255	5116	08	371	204	05
17	981	0071	49	515	071	0011	39	117	5021	33	164	5056	26	268	5124	15	382	210	08
18	986	0041	41	511	074	5005	36	120	5049	29	167	5095	23	269	5155	13	384	202	08
19	990	0033	31	507	077	5045	19	121	5086	16	168	5120	15	269	5184	09	383	224	
20	986	0034	28	511	074	5033	24	119	5075	21	166	5099	15	267	5175	03	380	265	02
21	974	0033	42	521	064	5014	37	110	5031	36	158	5045	34	261	5111	21	378	200	11
22	969	0004	35	525															
23	981	0010	38	515	069	5040	27	114	5069	20	161	5106	15	262	5188	10	375	237	07
24	997	0020	26	502	082	5055	22	126	5094	19	173	5118	18	274	5172	05	386	243	02
25	001	0049	38	001	086	5039	25	131	5065	19	178	5099	12	279	5173	09	393	265	05
26	003	0065	41	003	088	5023	22	133	5061	21	180	5071	17	283	5124	11	400	192	07
27	005	0055	38	005	089	5029	29	135	5030	10	182	5067	08	285	5141	07	400	213	05
28	995	0052	49	504	083	0029	49	129	0000	40	177	5020	36	282	5083	23	400	152	12
29	993	0045	37	505	080	5020	22	125	5035	26	173	5038	16	277	5093		395	171	04
30	003	0049	36	003	088	5041	22	133	5073	19	180	5096	14	282	5144	08	397	203	

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	175		696	302		894	452	157	486	345	519	609	489	755	477	946	471
02	533	258	05	691	390	01	882	491	152	439	344	471	611	472	758	476	948	470
03	552	246	07	712	342		906	512	164	499	353	497	617	493	764	484	954	457
04	554	226	05	714	342	03	907	512	165	543	350	512	615	482	762	478	952	468
05	550	224	08	710	325	04	907	461	170	496	358	503	623	484	770	462	962	449
06	540	214	08	700	335	02	896	473	162	503	350	492	615	490	761	484		
08	544	235	05	703	350	01	897	501	163	438	356	463	623	472	771	474		
08	533	246	07	691	375	02	884	437	161	396	355	441	624	471	772	472	963	455
09	534	259		693	347		889	467	157	456	348	461	617	468	765	477	955	463
10	532	290		688	399		882	455	153	444	345	472	613	476	761	468	951	474
11	536	241	08	695	356	01	889	506	151	452	342	452	612	453	761	445	953	439
12	523	269	03	679	395	01	870	510	136	459	328	431	600	429	750	450	942	447
13	513	310	03	667	421	01	859	458	131	443	324	438	596	447	745	448	937	456
14	526	211	10	687	323	03	882	499	144	482	333	481	601	451	749	462	941	455
15	508	282	05	664	394	02	858	411	136	399	331	427	604	435	753	441	946	454
16	503	311	02	658	426		852	431	128	388	324	411	596	451	744	471	934	457
17	515	290	05	671	404	01	861	505	133	404	331	373	607	439	756	446	948	452
18	518	275	02	674	403		864	529	127	474	320	429	592	453	741	474	931	481
19	515	306		670	425	01	857	553	121	469	313	423	587	428	737	432	930	452
20	509	366	01	661	462		849	500	118	444	312	417	585	428	736	441	929	448
21	511	279	04	668	375	02	859	536	118	482	308	474	579	438	728	438	921	450
22																		
23	506	314	04	662	400	02	852	497	122	432	316	433	588	440	737	451	929	454
24	520	301		674	421		862	549	126	470	317	446	588	455	737	456	928	443
25	521	370	02	673	452	01	861	529	123	489	314	481	584	459	732	466	922	470
26	532	293	03	688	401	02	877	567	134	509	322	474	591	461	739	474	929	479
27	532	303	04	688	412	02	877	544	136	506	323	506	588	499	734	492	923	489
28	536	244	06	694	373	01	886	528	142	544	328	518	593	480				
29	529	258	03	687	377	01	878	541	136	503	324	507	589	473	737	485	926	485
30	530	294		686	405		876	547	136	502	323	491	591	477	738	471	928	493

Results of Radiosonde Observations,
MACQUARIE — Dec., 1957

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	0051	32	012	096	5047	23	141	5083	19	187	5124	15	290	5116		406	201	04
02	014	0055	36	012	096	5043	17	141	5078	15	188	5044	08	293	5089		410	164	
03	003	0051	45	003	088	5016	34	133	5030	32	181	5043	16	285	5107	13	402	143	07
04	994	0051	47	504	081	5012	36	126	5038	31	174	5060	28	277	5117	19	394	143	10
05	000	0050	40	001	086	5015	31	131	5051	28	178	5056	24	283	5080	27	402	120	21
06	982	0060	56	514	072	0043	56	118	0017	48	167	0000	45	273	5069	29	391	147	16
07	992	0043	33	506	079	5031	25	124	5066	19	171	5102	16	273	5119		389	179	
08	996	0059	55	503	083	0025	46	129	5009	36	178	5036	31	283	5059	24	402	125	19
09	995	0064	51	503	082	5001	34	128	5022	23	176	5055	15	279	5120		395	180	11
10	980	0040	41	516	069	0009	32	115	5015	27	163	5030	25	268	5084	22	386	162	12
11	967	0060	58	527	059	0012	44	105	0008	45	153	5026	38	258	5081	27	376	147	17
12	974	0055	39	521	064	5014	27	110	5063	22	157	5061	16	260	5108	12	376	170	09
13	982	0077	45	514	071	5005	31	117	5038	26	164	5050	21	267	5135	12	382	211	07
14	985	0054	47	512	074	0000	37	119	5035	31	167	5060	27	270	5120	17	386	186	12
15	990	0050	43	508	078	5018	32	123	5035	29	171	5046	15	275	5110	10	391	190	
16	003	0060	55	503	088	5002	40	133	5030	33	181	5057	27	285	5118	15	401	178	10
17	009	0029	38	508	092	5023	31	137	5020		185	5015		290	5077		409	150	
18	008	0045	41	507	092	5010	38	138	5022	38	185	5044	28	289	5111	22	407	131	
19	997	0050	42	502	083	5016	34	128	5037	27	176	5066	15	279	5116	15	395	192	11
20	992	0055	44	506	079	5012	33	125	5010	27	173	5042	14	277	5094	13	395	167	08
21	989	0050	42	508	077	5010	36	122	5044	27	170	5059	23	273	5134	14	386	217	07
22	001	0053	41	501	086	5019	30	132	5029	29	180	5048	27	284	5085	26	402	142	18
23	983	0059	52	513	072	0001	40	118	5017	38	166	5031	37	270	5081	27	385	158	15
24	987	0061	53	510	075	0010	43	121	5014	37	169	5046	31	274	5099	14	390	185	08
25	990	0051	45	508	078	0000	35	123	5027	25	171	5077	21	274	5124	13	390	192	05
26	997	0041	29	502	083	5028	21	128	5055	27	175	5072	26	278	5138	14	394	208	06
27	999	0046	41	500	085	5010	31	130	5026	32	178	5050	26	281	5115	19	397	197	04
28	986	0044	44	511	074	0012	32	120	5013	26	168	5045	26	273	5095	08	390	189	04
29	992	0045	41	506	079	5018	33	124	5032	34	172	5061	28	276	5126	18	392	201	04
30	995	0067	52	503	082	0009	43	128	5003	44	176	5029	34	281	5079	28	400	123	06

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹
01	539	302	03	694	415		882	555	142	519	329	504	545	465	741	493		
02	545	235	03	705	354	02	898	513	151	619	332	558	593	503	738	504	926	496
03	535	275	06	693	371	03	886	520	146	519	335	508	598	485	744	510	932	486
04	527	291	05	682	415	01	872	527	136	499	324	477	591	489	737	498	925	480
05	539	207	11	700	320	03	897	464	154	627	336	554	597	502	742	499	931	477
06	527	235	03	687	333		883	466	150	465	340	503	604	502	749	495	939	473
07	523	265		680	386		872	511	141	444	333	452	601	470	749	483	937	482
08	539	211	09	699	335	03	894	494	155	486	343	493	610	482	757	477	946	470
09	529	277	05	686	382	02	876	535	139	477	329	491	595	479	743	467	933	468
10	521	260	06	678	380	02	870	526	132	482	322	467	592	451	741	457	932	459
11	512	240	07	670	375	02	861	517	131	431	324	445	596	457				
12	512	262	05	669	384	02	860	519	130	419	325	435	596	449	745	451		
13	515	290	04	671	393		862	498	134	418	328	442	598	454	747	464	937	466
14	519	290	05	675	414	01	866	466	137	427	330	440						
15	524	282	02	681	395	01	870	567	137	449	329	456	599	463	747	462	938	458
16	535	278	04	691	394		881	537	146	459	336	471	603	494	749	491	938	487
17	544	260		701	376		893	515	154	504	342	493	609	489	756	484	945	494
18	544	219	03	704	350		897	518	155	542	340	517	604	499	750	489	940	473
19	530	233	09	690	349	03	883	519	142	518	329	499	594	490	741	495	930	469
20	528	299	03	684	397	01	873	548	136	477	326	477	593	484	740	474	931	482
21	521	291		676	405		870	431	143	436	335	464	604	466	751	468		
22	540	197	13	701	327	04	896	500	155	536	342	493						
23	523	256	06	681	378	02	872	515	138	474	329	472	597	475	743	478	934	468
24	523	296	03	678	419	01	869	497	136	458	328	468	595	482	747	489	931	478
25	523	276	02	679	394	01	870	480	139	456	330	468	599	468	746	466		
26	526	306	04	681	398	01	872	533	137	460	328	448	599	451	747	464	939	464
27	531	270	03	688	398		877	519	144	458	335	457	603	482				
28	523	286		680	383		873	460	144	450	336	471	603	491	750	486	941	477
29	524	298	02	680	416		869	514	138	439	332	425	603	464	752	454	945	448
30	536	223	07	697	330	02	893	467	157	507	344	512	608	506	754	480		

Results of Radiosonde Observations,
MAWSON – JAN., 1957

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg
01	999	5010	23	001	084	5065	16	128	5084	13	175	5115	07	277	5128	10	394	174	04
02	991	0013	17	506	078	5043	15	123	5089	13	170	5122	12	270	5153	07	387	184	05
03	992	5009	17	505	078	5070	10	123	5111	09	169	5152	04	268	5195	09	382	223	03
04	990	0014	21	506	077	5049	18	122	5085	17	169	5122	14	269	5199	09	382	238	04
05	988	0024	22	508	076	5034	13	121	5076	12	168	5098	10	270	5149	08	385	227	03
06	992	0046	24	505	080	0004	15	126	5041	14	173	5082	14	275	5153	12	391	190	02
07	991	0044	21	506	079	5004	13	125	5048	12	172	5089	11	274	5156	08	389	204	04
08	987	0026	18	509	076	5020	11	121	5065	10	168	5105	10	270	5155	07	385	212	03
09	998	0047	26	000	085	5013	22	130	5049	21	178	5083	14	280	5147	14	396	194	02
10	999	0028	23	001	085	5027	19	130	5066	18	177	5103	16	280	5133	09	395	215	03
11	996	0039	22	502	083	5025	15	128	5063	15	175	5103	13	277	5136	09	393	210	04
12	996	0018	19	502	082	5040	11	127	5074	10	174	5095	11	276	5142	05	392	208	04
13	989	0035	26	507	077	5034	16	122	5079	14	169	5109	15	271	5138	15	386	207	05
14	987	0036	23	509	075	5036	12	120	5077	11	167	5116	10	268	5153		383	215	03
15	990	0025	21	506	078	5045	15	122	5085	13	169	5119	11	270	5177	06	385	197	
16	989	0015	20	507	077	5053	12	121	5090	11	168	5104	09	270	5169	06	384	232	03
17	982	5003	18	513	071	5047	13	116	5089	12	162	5122	11	263	5199	06	375	233	03
18	982	0025	26	513	071	5042	18	119	5077	16	163	5110	14	264	5180	05	378	249	03
19	986	0015	21	510	074	5045	08	121	5087	07	165	5125	07	266	5172	04	381	224	05
20	990	5004	18	506	077	5057	10	123	5100	10	168	5136	09	268	5183	04	382	228	
21	993	5018	15	504	079	5077	08	124	5090	07	169	5140	08	269	5200	04	383	214	03
22	993	0001	17	504	079	5075	08	121	5109	09	169	5127	06	271	5153		386	217	04
23	990	5017	15	506	077	5074	07	123	5105	10	167	5120	05	269	5129	11	385	200	04
24	993	5014	17	504	079	5040	08	118	5068	06	170	5130	10	271	5147	10	387	211	09
25	985	0004	34	510	074	5052	07	126	5084	09	170	5102	09	267	5171	10	381	230	
26	995	0004	33	502	081	5052	27	125	5090	23	166	5116	16	274	5172	11	388	227	07
27	993	0010	19	504	080	5045	25	126	5079	21	173	5115	13	272	5187	07	386	235	06
28	985	5018	17	510	073	5052	16	118	5065	13	171	5104	13	266	5160	09	382	184	05
29	993	0023	32	504	080	5043	15	125		14	165	5100	13	274	5132	17	390	179	06
30							22			20	172		17						12
31																			

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS	200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹
01	529	211	10	689	337	04	885	476	143	522	332	459	605	413	758	380	957	355
02	521	228	09	681	334	04	877	478	137	482	328	433	603	378	756	381	955	346
03	515	283	04	672	358	02	867	492	128	478	320	437	594	404	747	367	946	355
04	514	309	02	670	373		863	498	127	464	319	438	594	394	747	379		
05	516	314	02	671	410		862	508	127	471	319	442	593	401	747	373	946	360
06	524	288	05	681	379	01	873	509										
07	521	294		677	396		868	520	132	458	326	418	601	380	755	378	954	352
08	517	307		672	409		863	504	131	434	324	425	600	390	753	379	953	345
09	529	266	05	688	337	03	884	476	144	490	335	431	610	396	763	365	963	358
10	528	267		686	364		880	499	142	477	333	438	608	393	761	387		
11	526	268		684	355		878	507	139	476	331	425	606	398	759	377		
12	525	276		683	365		876	506	138	468	329	436	604	402	756	386		
13	519	299	05	674	406	01	864	514	130	448	324	429	598	397	752	376	950	363
14	516	292	02	671	406		862	517	130	443	324	421	599	391	753	371	953	354
15	519	259		677	370		870	506	132	458	325	424	600	396	753	380		
16	515	309		671	388		863	511	126	445	320	417	595	390	749	378		
17	505	331	02	659	421		849	479	122	397	319	381	600	340	757	322		
18	509	323	03	663	416	01	853	545	121	420	316	402	594	374	748	373		
19	512	318	02	667	409		856	510	126	417	322	408	599	378	753	371		
20	514	297		669	407		859	532	127	428	322	405	598	385	752	376		
21	515	290		671	393		862	523	130	438	324	412	600	389	753	387	952	359
22	518	297	03	673	414	01	863	535	128	439	323	416	599	386	753	379	952	351
23	518	291	05	673	412	02	862	562	128	422	324	408	599	393	752	383	951	368
24	519	302	02	676	371	02	869	495	140	436	335	404	611	408	762	408	959	372
25	513	298	04	671	366	02	865	418	143	390	339	416	614	432	766	405	961	420
26	520	293	03	676	379	01	872	402	150	376	347	408	622	413	775	382	971	402
27	519	278	02	677	379	01	870	425	149	360	347	403	622	412	773	396	971	
28	517	237	08	676	360	03	869	507	142	374	341	394						
29	525	250	08	683	366	03	876	504	146	404	342	426	615	423	766	431	960	420
30																		
31																		

Results of Radiosonde Observations,
MAWSON – Feb., 1957

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg
01	979	0021	31	515	069	5004	19	115	0048	17	162	5089	16	264	5145	15	381	165	14
02	983	0030	20	512	073	5001	11	118	0046	10	165	5087	09	268	5138	06	385	134	06
03	986	0001	15	510	074	5039	10	119	0072	07	166	5113	06	267	5181	04	381	200	
04	985	0015	21	511	074	5013	12	119	0049	11	166	5090	10	268	5178	08	381	270	05
05	985	5022	11	510	072	5081	09	116	0118	09	163	5155	08	263	5194	06	376	269	
06	987	5063	11	509	074	5097	10	117	0130	10	163	5160	07	263	5214	06	376	251	03
07	992	5058	11	505	077	5096	07	121	0137	07	167	5158	06	267	5189	03	381	234	
08	986	5027	14	510	073	5074	08	117	0119	08	164	5157	09	264	5164		378	214	03
09	992	5022	15	505	078	5072	11	123	0105	10	169	5144	09	269	5190	07	382	264	05
10	997	5035	14	501	082	5086	13	126	0117	12	172	5142	10	272	5204	05	384	273	05
11	993	5019	15	504	079	5058	12	124	0099	11	170	5124	11	271	5175	06	384	267	03
12	988	5031	16	508	075	5073	11	120	0097	09	166	5120	08	267	5178	08	382	229	07
13	991	5049	12	505	076	5011	06	120	0138	06	166	5141	08	267	5188	08	380	255	05
14	993	5071	11	504	078	5107	06	121	0142	05	167	5159	05	268	5152		383	224	
15	998	5039	13	000	083	5069	10	127	0059	12	175	5095	07	277	5111		394	174	
16	996	5004	14	502	082	5035		127	0060		174	5100		278	5055		397	120	
21	988	5042	18	508	074	5109	06	118	0135	06	164	5161	07	264	5202	04	376	293	06
22	991	5071	14	505	077	5100	07	121	0115	08	167	5127	10	267	5187	10	380	276	03
26	987	5065	14	509	073	5116	05	117	0141	05	162	5169	04	262	5195		375	260	05

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹
01	515	245	08	675	328	04	872	460	142	414	337	430	610	420	762	391	959	391
02	522	210		682	327		879	470	146	407	341	424	615	441	765	415	961	406
03	516	231		676	334		872	476	139	383	335	424	610	398	762	412		
04	510	341	02	665	388		859	420	137	372								
05	505	327		659	433		849	459	124	381	321	417	596	402	749	396		
06	506	325	02	660	422		850	526	124	383								
07	512	296	02	667	409		858	468	131	398	328	390						
08	510	294	02	668	361	02	863	465	128	449	322	423	598	392				
09	512	323	02	667	399	01	860	479	128	431	322	430	598	396	750	398		
10	514	337		667	429		857	469	129	425	324	406	600	402	752	404	949	389
11	514	337		667	427		858	463	131	423	326	424	600	408	752	404	948	400
12	513	323	03	667	420		857	492	129	419	324	415	599	407	752	395	948	403
13	510	343	03	662	466		851	479	125	413	320	398	598	400	750	400	946	399
14	514	327		668	435		860	434	135	418	330	411	605	415	756	405	952	412
15	529	224	04	692	325	04	886	461	151	457	343	448	615	428	765	426		
16	535	176	10	699	264		893	428	163	559	352	480	621	445	770	428	965	421
21	505	354	02	656	454		847	469	119	420	313	420						
22	509	337	03	663	435		853	478	125	438	318	431	591	415	742	420	938	406
26	505	325		659	421		849	540	118	416	313	417	586	431	737	408	932	417

Results of Radiosonde Observations,
MAWSON – Mar., 1957

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	504	17	514	068	507	08	113	104	07	159	135	06	259	177	05	373	231	03
02	986	509	11	509	072	512	08	115	146	10	161	162	10	260	212	07	372	305	03
03	984	509	15	511	070	512	09	114	166	07	159	191	07	258	235	05	365	294	03
04	976	507	12	517	065	510	05	108	143	04	154	175	04	254	167		369	214	
05	984	509	11	511	071	514	05	115	128		161	150		261	157		377	209	
07	984	505	11	511	071	5089		115	129		161	155		261	176		375	207	
08	984	508	11	511	071	516	05	114	145	08	160	146	06	260	174	03	374	241	
09	993	503	20	504	078	510	12	122	107	15	169	131	14	270	176	10	382	260	03
10	997	505	17	501	081	509	13	125	109	14	172	123	14	273	178	08	387	204	
11	987	501	17	509	075	5051	09	119	095	09							381	222	
12	996	505	12	502	081	5091	08	125	123	08	171	159	07	271	179	08	386	222	
13	005	508	10	005	087	5105	05	131	132	04	177	145	04	278	155	04	393	204	03
14	003	507	16	004	085	516	13	129	139	11	175	138	13	276	157	12	393	153	13
15	995	511	12	502	079	5120		123	156		168	159		269	186	03	382	243	
16	993	514	07	504	076	5160		119	195		164	220		262	205		375	255	
18	999	513	07	501	074	5174	05	117	203	03	162	220	02	261	206		373	287	02
19	000	512	08	002	082	5108	05	126	107		173	146		272	223	03	383	307	
20	001	511	08	002	082	5130		126	161		171	167	03	270	226	05	382	293	03
21	998	506	10	500	082	5103		125	145		171	184	04	270	198	09	385	223	08
23	989	513	07	507	073	5154		116	168	08	162	163		262	201		375	241	
24	984	511	07	511	070	5141		113	143		159	128		260	172		375	212	09
25	988	509	16	508	073	5098	16	118	076	21	165	086	20	267	142	14	384	202	09
26	979	509	15	515	066	5137	07	109	176	06	155	202	06	255	157	13	370	201	
29	987	509	14	509	073	5115	07	116	159	06	162	201	06	260	259	05	371	266	
30	984	511	11	511	070	5143	07	113	173	06	158	209	05	257	239	05	366	287	02
31	980	513	09	514	066	5174	04	109	210	04	153	240	04	250	262	04	361	280	04

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹
01	503	320	02	658	407		853	417	129	336	330	311						
02	500	356	02	652	455		840	503	111	425	305	420	580	415	732	410	927	409
03	497	357	01	649	453		839	467	112	415	306	439	579	430	729	434	923	421
04	502	282		658	392		850	508	122	398	319	390	596	385	750	366	950	343
05	509	301		664	420		853	555	120	441	313	429						
07	507	310		662	388		852	542	117	445	310	431	583	425	734	433		
08	506	292		661	406		852	538	115	448	309	435	581	434	732	437	925	430
09	513	341	03	666	440		854	520	125	417	321	407						
10	520	279	03	677	358	02	862	446	131	475	321	464	589	484	736	484	926	466
11				671	366		865	481	134	461	326	453	596	448				
12	520	250		679	349		872	503	136	466	327	464	597	459	746	452	937	459
13	526	279		683	375	03	876	506	139	472	329	470	598	443	747	467	938	462
14	529	218	10	690	325	04	886	486	144	533	330	491	595	491	742	492	931	472
15	514	315		669	393		861	506	130	434	323	444	593	441				
16	505	335		658	436		847	496	118	422	313	428	586	424	737	422	933	392
18	501	358		653	444		840	561	108	433	302	430	575	443	725	436		
19	511	353		663	453													
20	511	333	03	665	437		854	504	124	437	316	451	586	474	735	455	926	472
21	517	304	04	672	411		860	544	125	444	317	439	588	453	736	460	927	470
23	506	332		659	446		848	499	118	435	311	439	582	453	731	455	923	457
24	508	296	05	663	414	02	853	504	124	423	317	440	588	454	736	460	928	469
25	519	242	07	678	365	03	873	510	133	491	320	465						
26	503	284		659	405		849	528	113	459	305	446	575	460	723	470	913	470
29	502	316		656	405	01	848	501	113	466	303	461						
30	497	340		650	432		839	528	106	448	298	457	566	472	713	483	902	496
31	490	361	03	642	459		829	529	098	447	290	448	559	454				

Results of Radiosonde Observations,
MAWSON – Apr., 1957

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	5142	08	514	066	5167	05	109	5207	05	155	5236	05	250	5287	04	359	314	03
05	991	5107	11	505	076	5104		119	5107		166	5139		266	5187		381	211	
06	983	5120	14	512	069	5150	09	112	5156	10	157	5166	04	258	5176	10	373	161	15
07	988	5143	10	508										261	5176	05	374	264	
10	984	5177	06	508	071	5217	03	113	5246	02	157	5195	04	256	5208		370	251	
12	992	5168	06	504	074	5221	03	116	5226	03	160	5267	02	256	5238	02	368	249	
13	990	5177	06	506	073	5193	06	115	5221	05	160	5232	05	258	5212	04	370	300	05
15	982	5153	07	512	067	5177	04	110	5218	04	154	5237	04	250	5297	03	359	341	02
16	987	5185	05	508	071	5185	03	113	5202	03	158	5216	03	256	5239		366	285	
17	976	5165	06	517	062	5183		105	5200		150	5224		248	5205		362	230	
18	984	5113	10	511	070	5157	04	113	5192		157	5210		257	5213		369	287	
20	998	5042	09	500	082	5117	05	125	5141	04	172	5127	04	272	5191		385	231	
23	994	5047	15	503	079	5089	12	123	5129	10	169	5159	09	270	5143	14	385	222	08
24	997	5082	13	501	086	5135	06	124	5159	06	169	5192	05	269	5172		384	238	05
25	995	5074	12	504	077	5123	06	121	5147	04	166	5176	04	265	5206	05	380	224	
27	991	5070	15	505	076	5108	10	120	5140	10	166	5167	09	265	5219	07	377	284	04
29	996	5117	08	502	080	5137	05	123	5172	04	168	5206	03	265	5206	04	379	250	02
30	004	5158	05	005	084	5199	03	126	5232	02	170	5257	02	268	5209		381	254	

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	487	380	01	638	461		826	491	096	449	287	479	554	477	702	482	892	491
05	513	285	02	671	377	02	864	508	125	505								
06	509	228	08	669	355	03	864	468	132	481								
07	503	360		656	436		843	527	112	436	304	449	572	478	719	481		
10	499	366		651	451		840	504	106	464	296	491	561	502	706	519		
12	498	326		651	439		839	551	103	487	291	504						
13	497	394	01	646	473		834	501	101	474	290	493	544	518	689	533		
15	485	401		634	489		822	462	093	462	282	498	546	528	689	548		
16	497	343		652	366		843	465	107	527	293	527						
17	493	293		652	343		848	480	110	498								
18	498	316		655	379		847	503	107	517	293	519						
20	518	267	03	676	376	02	868	526	125	553	309	543						
23	516	312	04	671	397	02	862	537	116	570	299	544	557	570	698	589		
24	514	311	03	669	411		859	537	113	556	296	548	554	561	695	586		
25	511	315		665	415		854	550	110	541	297	521	557	544	700	561		
27	506	337	02	659	450		847	536	109	504	297	514	558	536	702	545	884	577
29	509	334	02	662	452		850	545	109	518	295	525	556	531	699	553		
30	511	337	01	663	452		850	556	109	507								

Results of Radiosonde Observations,
MAWSON – May, 1957

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	007	5170	05	007	085	5221	03	127	0245	02	171	5206		271	5200		383	270	
02	999	5149	07	501	080	5185	06	123	0226	06	167	5190	08	268	5179		381	250	
03	999	5164	06	501	080	5180	06	122	0193	07	167	5221	06	266	5187	03	380	245	
04	994	5186	06	501	080	5200	06	122	0200	04	167	5191	04	265	5245		376	313	
06	996	5201	05	501										259	5274	03	369	316	
08	988	5107	10	508	072	5174	05	115	0213	04	159	5246	04	257	5227	04	369	291	
09	991	5168	05	505	073	5205	04	115	0232		160	5223	03	257	5263	04	368	324	05
10	993	5147	04	504	074	5229		116	0235		160	5250	05	257	5248	05	368	295	
13	985	5151	07	510	069	5214		111	0232		155	5225		254	5219		365	306	02
14	984	5157	07	510	069	5175		111	0208		156	5214		255	5245		365	314	02
15	990	5150	06	506	073	5189	03	116	0227	03	160	5195		258	5264		367	334	01
16	987	5177	06	508	070	5207	04	112	0237	04	157	5223	05	253	5293	03	361	381	02
17	981	5206	05	513	065	5213	03	107	0222	04	152	5224	04	249	5240	04	360	325	03
18	995	5204	07	502	075	5252	04	117	0273	03	160	5304	03	256	5251	05	367	316	03
19	003	5272	03	004	080	5254	03	121	0259		165	5258		263	5231		375	284	
22	981	5153	11	513	068	5117	06	111	0152	05	157	5196	04	254	5221	06	367	261	03
23	991	5150	09	505	075	5166	08	117	0205	07	162	5221	06	259	5303	03	370	280	04
24	011	5083	12	070	092	5102	11	136	0130	12	182	5143	12	282	5206	07	394	291	04
26	006	5107	05	306	087	5133	09	131	0167	10	176	5178	09	276	5180	10	390	223	08
27	004	5041	11	005	088	5076		132	0117	04	178	5144	04	278	5194		392	224	08

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	gpDm	−°C. × 10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C.×10⁻¹
01	513	345		664	468		850	565	108	527	293	528	554	542				
02	511	343	02	664	443		851	568	106	540	291	532	550	546	692	564		
03	511	319		666	417		855	554	107	563	291	536	549	568	690	564	871	582
04	504	370		657	416		854	542	112	559	298	514						
06	496	382	01	647	465		834	551	092	548	276	557	533	574	674	585	854	601
08	495	415		643	528		825	590	082	547	265	562	521	585	661	585		
09	494	415		641	527		822	601	079	542	262	560	519	577	659	590		
10	495	385		645	490		830	572	087	526	272	538						
13	492	385	02	643	473		828	593	082	560	264	570	520	576				
14	492	391		641	487		826	595	090	557	262	559						
15	493	418		640	513		824	576	082	538	267	548	522	577	662	593		
16	485	435		633	489		821	514	082	531	268	548	525	573	665	596		
17	486	424		634	500		820	551	080	536	265	525	523	567	664	577		
18	494	388	02	644	487		828	589	081	573	262	577	518	588	657	594		
19	504	360		656	454		843	575	091	604	271	594						
22	496	360	02	648	464		835	545	096	500	282	534	541	557	683	566	865	583
23	498	370	02	649	475		835	560	092	545	276	562	533	575	674	583		
24	522	379	02	673	450		861	569										
26	522	302	04	677	409		866	559	118	574	300	568	557	570	698	578		
27	524	302	03	678	428		866	570	116	615	296	570						

Results of Radiosonde Observations,
MAWSON – Jun., 1957

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
03	1000	5080	14	002	082	5148	08	125	5185	06	170	5199	06	270	5200	06	383	270	05
04	4996	5140	08	501	078	5193	04	120	5235	04	164	5266	04	260	5243	05	373	277	05
14	4994	5166	05	501				122	5211		167	5202		266	5206		379	241	05
16	0002	5114	09	003	084	5141	09	127	5171	08	172	5180	06	272	5203	07	384	271	05
17	0007	5046	12	007	088	5125	09	132	5158	09	177	5174	09	276	5221	07	389	221	07
21	4980	5175	08	513	065	5203	05	107	5240	04	151	5275	03	247	5275	03	357	288	
23	4980	5056	14	514	068	5075	09	112	5104	10	158	5154	08	258	5239	06	369	263	05
26	9941	5064	16	505	076	5096	10	120	5136	10	166	5169	09	266	5178	05	379	244	05
28	9886	5154	08	507	073	5156	06	116	5192	06	161	5219	05	259	5238	04	370	268	03
29	9849	5136	08	507	073	5167	07	116	5204	06	160	5230	06	259	5234	06	370	283	04
30	9811	5102	10	513	068	5114	07	112	5149	06	157	5181	05	256	5220	06	368	284	04

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹
03	512	356	03	663	484		847	574	095	542	279	542	538	568	678	595		
04	500	376	02	650	488		836	533	098	517	285	530	544	563	685	579	865	594
14	510	320	03	664	429		852	563	103	610	283	578	538	600				
16	513	348	03															
17	521	279	05	679	360	03	874	458	133	611	312	596	565	608	703	628		
23	498	342	03	651	453		837	566	090	620	268	633	514	672				
26	510	345	02	661	475		845	617	094	609	272	616						
28	499	358	02	650	475		834	603	080	682	253	670						
29	498	374	02	649	488		832	622	077	684	249	684						
30	496	373	01	646	482													

Results of Radiosonde Observations,
MAWSON — Jul., 1957

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	5098	14	509	071	5146	08	114	5179	07	159	5220	05	256	5283	04	365	325	03
04	987	5062	13	509	074	5095	09	117	5141	08	163	5178	08	261	5249	05	372	317	03
05	988	5082	11	508	073	5121	06	117	5160	06	162	5201	06	260	5258	05	371	305	03
06	980	5138	07	514	066	5174	04	109	5214	04	153	5240	04	250	5266	04	361	313	03
07	974	5145	07	515	065	5194	05	107	5228	04	158	5211	05	249	5250	05	360	316	03
08	985	5198	04	510	068	5242	02	110	5266	02	153	5252	03	250	5265	04	360	336	02
09	999	5248	03	501	077	5280	02	118	5306	02	161	5331	02	255	5290	02	364	334	
10	988	5203	04	507	071	5231	03	112	5259	03	156	5275	03	253	5234	06	364	307	03
12	988	5193	04	507	071	5213	03	113	5245	03	157	5265	03	254	5242	04	365	314	03
13	992	5252	03	504	072	5252		114	5267		157	5279		254	5249		365	306	
14	994	5241	03	503	074	5245		116	5241		160	5241		258	5228		370	294	
15	988	5257	03	507	070	5250		111	5235		156	5215		254	5256		364	305	
16	987	5272	03	508	069	5256		110	5271		154	5201		252	5202		366	247	
17	995	5179	05	502	077	5193		119	5202		164	5209		263	5168	05	377	246	05
19	987	5112	07	509	073	5118	08	116	5160	08	161	5182	08	260	5214	07	373	224	05
20	982	5142	09	512	067	5181	06	110	5208	06	155	5221	06	252	5261	05	363	298	04
21	986	5184	06	509	070	5174	03	112	5189		157	5213		255	5242		366	311	
22	987	5197	05	508	070	5197	03	113	5188		158	5182		257	5211	03	369	277	02
23	990	5200	04	506	072	5191	04	115	5176	04	160	5176	05	260	5206	04	372	290	04
24	986	5175	05	509	070			112	5219		156	5236		254	5221		366	284	
25	979	5176	06	514	065	5175	04	108	5213	04	152	5249	03	249	5236		360	310	
26	977	5224	04	516	062	5215	03	104	5217	03	149	5230	04	246	5256	03	356	336	02
27	993	5216	03	504	074	5233	02	116	5230	04	160	5217	03	258	5270		367	329	02
28	000	5223	04	002	080	5178	03	122	5178		168	5193		266	5235	04	377	317	02
29	004	5170	06	004	084	5164	03	127	5180	06	172	5176	08	272	5206	08	385	235	07
30	004	5154	09	005	085	5095		129	5126		175	5145		276	5151	08	391	222	05
31	007	5144	07	007	086	5195		128	5212		173	5216		272	5226		384	237	04

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹
01	492	395	02	641	495		825	606	073	651	247	672						
04	500	360	02	651	466		837	580	085	665	259	660	500	718				
05	498	398	01	648	487		832	580	082	659	256	666						
06	487	410		635	520		817	600	065	654	238	683						
07	486	419		634	516		816	601	067	647								
08	486	423		633	505		816	605	065	661	237	680						
09	490	407		639	492		823	583	073	654								
10	490	398	02	639	497		823	606	072	660								
12	492	392	01	641	488		825	588	074	652	249	669						
13	492	393		642	485													
14	497	396		646	499		830	606	079	639	254	657	497	708				
15	492	356		644	448		832	547										
16	496	311		651	415													
17	508	323	03	662	414		851	560	100	666	275	648						
19	504	320	03	659	416		847	565										
20	491	375	02	642	476		827	610	073	679	245	701						
21	493	386		643	468													
22	497	367	02	648	483		832	599	076	711	247	699						
23	500	380	02	649	503		831	631	074	731	242	726						
24	494	387		643	519		824	625	067	752	233	744						
25	486	414		634	519		815	638	059	693	229	712						
26	482	430		629	505		812	620	058	676	230	696						
27	493	404	01	642	496		826	616										
28	504	393	01	653	506		837	572	090	604								
29	517	291	05	675	371		866	540	115	680								
30	524	276	06	681	389	02	871	555	119	710								
31	516	318	02	670	427		857	586										

Results of Radiosonde Observations,
MAWSON – Aug., 1957

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg
02	988	518	09	508	074	5111		117	5139		163	5180		263	5151		378	230	
03	992	5112	08	505	076	5130	04	119	5151		165	5190		266	5179		379	257	
05	992	5177	06	504	075	5154	04	118	5170	04	164	5200	04	263	5200	03	376	279	02
07	013	5213	03	011	089	5241		130	5266	02	174	5295	01	272	5235	03	384	289	02
08	003	5134	06	004	084	5139		127	5179		172	5220		271	5204		384	252	
09	997	5130	07	501	079	5164		122	5204		167	5234		264	5240		375	286	
10	995	5186	04	502	077	5175		119	5207		164	5244	02	262	5210		374	290	
11	002	5117	06	003	084	5156	05	126	5197	05	171	5221	05	270	5207	07	382	275	03
12	006	5142	06	006	086	5151	07	129	5180	07	174	5205	07	273	5202	08	385	285	04
13	021	5147	06	017	097	5147	05	140	5150	06	186	5137	05	287	5156	05	403	198	10
14	012	5159	10	011	091	5094	09	135	5089	12	183	5070		286	5101	06	404	145	05
15	001	5130	14	002	083	5133	07	126	5163	05	172	5186	04	272	5177	11	386	221	08
16	986	5161	05	509	071	5159	03	114	5170		159	5200		257	5251		367	326	
18	992	5187	05	502	074	5196	03	116	5226	03	161	5262	02	256	5345	01	364	349	01
22	997	5134	09	501	079	5174	03	121	5211	03	166	5244	02	262	5247	03	373	508	01
23	987	5180	06	508	071	5175		114	5217	02	158	5249	02	255	5245		366	298	
24	987	5175	06	508	071	5205	03	113	5222	03	157	5222	03	256	5233		367	302	
25	981	5192	05	513	066	5213	02	108	5240	02	152	5265	02	248	5251	04	359	317	02
28	972	5087	13	521	061	5119	07	104	5163	06	150	5204	06	247	5263	05	357	316	03
29	968	5117	07	523	058	5124	05	101	5171	05	146	5214	05	243	5270	04	353	320	03
30	972	5134	06	520	060	5159	06	103	5198	05	147	5238	05	244	5279	04	353	338	03
31	974	5192	05	518	061	5189	06	103	5225	05	147	5254	04	242	5287	04	352	328	03

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹
02	509	320	02	663	431		851	569										
03	508	382		657	483													
05	504	375		655	457		842	567										
07	512	343		666	423		854	561										
08	513	366		667	418		855	566	103	723	272	678	513	722				
09	504	351		656	459		842	580	089	705	260	696	499	742				
10	502	387		652	476		837	588	086	670								
11	511	364	02	662	463		848	590	095	681	266	718	502	760				
12	514	361		665	476		850	587	096	703	266	728						
13	537	261	04	695	366	02	887	532	137	720								
14	540	233	05	699	365	03	893	499										
15	518	299	04	673	430		860	578	109	665	283	681						
16	494	339		649	405		838	559										
18	488	426		637	502		821	553	074	625	249	675						
22	501	376	01	651	496		835	590	080	741	250	708	489	741				
23	494	368		644	498		829	578										
24	495	383	01	645	482		830	570	079	664	254	672	496	710				
25	485	400	01	634	510		817	604	066	658	241	673						
28	483	420	01	631	516		814	598	063	666	235	696	476	714				
29	479	420		627	521		810	613	057	672	229	706						
30	478	435		625	519		806	631	050	713								
31	478	415	01	625	502		809	600	058	670								

Results of Radiosonde Observations,
MAWSON — Sep., 1957

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg
02	984	5261	03	510	067	5257	02	108	5289	02	151	5317	02	245	5319	02	354	342	
03	982	5271	03	512	065	5256	02	106	5257	02	150	5290	01	246	5279	06	356	329	01
04	980	5273	03	513	063	5249		105	5278		148	5303	01	244	5282	02			
05	981	5260	03	512	064	5265	02	105	5280	01	149	5283	02	245	5271		356	297	
06	991	5252	03	505	072	5251	02	113	5287	01	156	5317	01	251	5276		361	318	
07	988	5238	03	507	070	5238	02	111	5277	02	155	5302	02	250	5305	02	359	345	02
08	988	5263	02	507	069	5264	02	110	5288	02	154	5304	02	249	5303	02	357	368	01
09	988	5272	05	508	069	5287	02	110	5297	02	153	5279	02	249	5294	03	357	368	01
10	986	5282	02	509	067	5265	02	108	5298	02	152	5297	02	247	5304		355	377	
11	974	5253	03	518	059	5260	01	101	5261	02	144	5267	02	240	5309	01	348	363	
14	981	5117	10	513	068	5112	06	111	5144	02	157	5176	02	256	5223	03	367	317	01
16	971	5094	11	521	060	5113	09	104	5144	09	149	5180	08	248	5226	07	359	295	04
17	974	5114	09	519	062	5131	07	106	5174	06	151	5199	07	249	5235	06	360	303	04
18	980	5177	05	514	066	5196	04	108	5229	04	152	5240	04	250	5246	05	360	321	03
19	988	5196	04	507	071	5196	03	113	5236	03	157	5245	03	254	5263	02	365	323	03
20	985	5210	04	510	069	5203	03	111	5243	03	155	5280	02	251	5255	02	361	330	01
21	989	5216	03	507	071	5231	03	113	5251	03	157	5264	03	253	5274	02	363	330	02
22	993	5218	03	504	075	5196		117	5217		162	5182		261	5212		375	220	04
23	980	5164	06	514	066	5156	03	109	5205	02	154	5220	03	251	5254	03	362	270	
25	980	5124	06	514	066	5150	06	110	5191	05	154	5231	05	251	5256	05	362	314	03
26	987	5157	05	508	071	5165	04	114	5203	04	159	5225	04	256	5227	04	368	277	02
27	994	5173	05	503	077	5169	05	119	5209	05	164	5228	05	261	5265	04	371	297	02
28	993	5107	07	504	076	5173	03	119	5216	03	163	5244	03	261	5249	02	371	320	
29	991	5159	05	505	075	5164	04	117	5198	04	162	5223	04	260	5243		372	290	
30	978	5074	12	516	066	5103	06	110	5137	07	155	5156	09	256	5185	10	370	233	07

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹
02	479	448		625	520		806	626	050	702	220	726						
03	482	415		630	499		814	584	063	664	235	704						
04																		
05	482	381		634	488		816	623	059	715	229	712						
06	488	403		636	511		818	622	064	704	234	718						
07	483	435		630	529		812	628	058	685	230	715						
08	482	440		629	518		811	613	057	676								
09	482	443		629	532		811	611	056	700	227	708						
10	478	458		624	539		806	613	053	685	224	700						
11	472	443		619	532		801	617	048	669	220	701						
14	493	437		640	503		827	563										
16	487	388	02	637	470		823	570	073	672	245	684						
17	487	400	02	636	502		820	584	067	699	237	710	477	705				
18	486	423		634	512		816	597	062	725								
19	491	420		638	523		819	623	065	675	237	685						
20	487	426		635	511		817	607	064	682	236	703						
21	489	419		636	515		821	610	068	674	240	700						
22	506	322	02	659	457													
23	491	328		646	438		832	584										
25	489	377	02	638	494		820	629										
26	497	368	01	647	490		831	606	075	703								
27	499	388	01	648	500		831	613	076	685	248	685						
28	498	407		647	496		830	613	078	662	252	681	493	702	624	711	795	709
29	500	380		651	437		841	534	092	670	265	675	508	689	641	686		
30	501	336	03	653	453		841	560	093	630	268	651						

Results of Radiosonde Observations,
MAWSON – Oct., 1957

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C ×10-1	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg
02	969	507	17	523	059	5087	11	103	5117	11	149	5157	10	249	5211	07	562	258	05
03	975	507	12	518	064	5070	11	109	5107	11	155	5144	11	255	5211	08	567	271	05
04	998	512	08	508	074	5118	07	117	5165	06	162	5196		262	5208	06	574	265	
05	007	511	09	007	089	5101	05	133	5125		179	5144		280	5174		595	213	
06	998	512	06	500	082	5097	05	126	5111		172	5128		272	5170		588	187	
07	000	512	09	002	081	5165	04	124	5174	04	170	5174		270	5181	07	584	235	07
08	975	507	09	518	064	5096		108	5132		153	5178		252	5236		564	239	
09	976	514	05	517	064	5140		107	5178		152	5209		249	5249		561	260	
10	979	516	04	514	065	5180	03	107	5223	02	151	5259	02	248	5242	02	560	275	
11	981	508	11	513	068	5115	09	112	5154	09	157	5185	04	256	5227	07	567	296	04
12	987	504	18	509	074	5090	13	118	5125	12	164	5159	10	263	5223	07	575	277	05
13	985	509	11	510	071	5105	08	115	5146	08	161	5175	07	260	5198	09	573	260	04
14	975	505	13	518	064	5090	08	106	5122	07	154	5162	07	253	5208	08	566	268	04
15	978	510	09	516	066	5102	07	110	5144	07	155	5182	07	254	5212	07	567	264	05
16	987	514	06	508	072	5155	04	115	5173	04	160	5202	04	259	5200	05	571	270	02
17	989	514	07	507	073	5162	05	116	5192	04	161	5185	04	260	5194	03	574	255	03
18	990	515	06	506	074	5179	03	116	5207	03	161	5227	04	259	5206	04	572	272	05
22	976	504	25	518	065	5099	13	109	5127	12	154	5175	09	253	5246	05	563	332	05
23	979	507	16	515	067	5113	07	110	5155	06	156	5197	06	253	5260	05	563	329	05
24	982	511	11	512	069	5138	06	112	5176	06	157	5208	05	254	5230	04	566	282	02
25	984	513	09	507	073	5149	07	116	5179	06	162	5194	05	260	5206	03	573	265	
26	987	511	11	509	072	5163	05	115	5173	03	160	5198		260	5186		574	240	
27	983	514	08	511	069	5134		112	5177		157	5201		257	5189		571	240	
28	984	507	13	511	070	5139	07	113	5175	05	158	5206	05	257	5228	03	569	262	
29	982	507	14	513	069	5099	10	113	5132	10	159	5172	09	256	5220	07	570	256	
30	981	503	17	514	069	5094	12	113	5132	10	159	5160	09	256	5202	05	571	261	
31	987	506	15	509	073	5105	10	117	5149	09	162	5186	08	261	5228	06	573	284	05

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹
02	492	348	03	644	457		831	581	077	693	249	689	491	690	624	681		
03	495	371	02	646	473		831	580	078	676								
04	503	362		654	485		838	596	098	636	264	657	509	678	643	578		
05	527	291		682	407		871	578	119	697	290	702	531	684	665	682	838	662
06	521	281	03	678	387	01	869	520	121	681	292	689	535	696				
07	516	304	04	671	400	02	861	557	107	696	279	679	523	680	656	685	829	669
08	495	316	02	650	412		840	547										
09	491	338		645	418		834	550	086	617	264	604	518	576	660	553	846	482
10	489	351		641	454		830	537	083	616	263	572	525	492	674	416	872	337
11	495	343		648	433		837	546	094	574	277	536						
12	504	354	02	656	447		844	561	098	595	279	566	542	466	695	588		
13	502	349	01	655	430		844	556	093	643	271	608	529	519	677	450	872	391
14	495	336	03	648	443		837	556	086	653	263	614						
15	496	355	02	647	456		836	557	086	651	263	603	520	513	666	484	860	461
16	500	363		649	446		836	577	086	636	263	626	517	566	659	530		
17	503	344		655	471		840	582	091	626	266	637	519	584	660	550	840	486
18	502	346	03	654	453		840	586	090	648	266	634	517	594	658	555		
22	489	396	01	639	462		826	548	082	581	265	553						
23	490	405		639	498		824	542	081	574	264	533	539	443	682	567		
24	496	340	01	649	455		835	574	089	559	275	503	546	380				
25	503	344		655	461		841	569	095	575	280	501	553	348	710	311	913	537
26	505	323		659	423		849	540	101	599	283	553	551	412	704	361		
27	502	319		658	408		847	567	098	596	281	526	549	408	703	335		
28	499	328		652	431		840	560	093	599	275	557	538	487	687	417		
29	501	329		653	452		840	567	095	591	275	583	535	500	682	450	877	568
30	500	356	02	652	416		844	508	102	568	284	574	540	549				
31	502	332		656	411		846	544	100	607	279	617	533	557	676	516	865	479

Results of Radiosonde Observations,
MAWSON – Nov., 1957

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	10	508	074	5089	08	118	135	07	164	5173	07	264	5188		378	244	03
02	990	510	10	506	075	5128	08	119	137	04	165	5145		265	5183		379	248	04
03	995	512	10	502	078	5150	05	121	175	04	167	5174		267	5191		380	239	05
04	989	511	09	507	074			117	144		163	5		263	5191		376	233	
05	988	511	10	508	073			116	150	04	162	5166		262	5188	05	375	261	04
06	996	510	10	502	080	5125	04	123	169	03	168	5187	03	266	5183	05	381	245	05
07	994	507	11	503	078	5116	06	122	149	05	168	5173	05	267	5188	07	381	244	06
08	986	508	11	509	073	5099	05	116	130	05	163	5140	04	264	5171	07	377	244	03
09	991	511	09	505	076	5135	08	119	166	08	164	5180	06	264	5205	03	376	250	
10	997	508	12	501	080	5130	07	124	173	06	164	5213	05	267	5209		380	247	
11	995	508	12	502	079	5127	07	122	164	06	168	5202	06	267	5190		381	235	
12	995	506	17	502	079	5108	13	123	146	10	168	5190	08	268	5200	04	381	251	03
13	998	506	20	000	082	5119	09	125	153	08	171	5190	08	269	5211	05	381	264	
14	994	508	16	503	078	5140	11	121	174	08	166	5217	06	264	5216		377	243	
15	989	512	10	507	073	5140	05	117	146	06	162	5174	05	261	5210	03	375	234	
16	989	511	10	507	074	5122	05	118	164	06	163	5190	05	261	5228	03	374	250	02
17	997	511	09	501	080	5119	06	124	164	05	169	5197	04	268	5183		382	231	
18	996	504	17	502	080	5086	07	124	110		171	5119		272	5151	12	386	214	08
19	997	505	14	501	082	5083		126	112		172	5119		273	5157	12	387	235	04
20	997	506	15	501	082	5079		126	109		172	5129		274	5161		389	221	
21	996	504	18	502	081	5075	13	125	115	12	171	5105	18	273	5153	13	388	215	
23	002	505	23	003	086	5036	08	131	028		175	4961		282	5102	15	400	150	08
27	995	503	22	502	080	5099	12	124	129	11	169	5170	04	268	5248	05	378	325	03
28	995	507	15	502	080	5106	09	123	154	07	169	5182	07	267	5238	03	376	290	
29	988	506	15	508	075	5083	11	119	120	09	165	5154	08	264	5201	03	378	235	
30	985	502	21	510	073	5084	08	117	115	07	163	5160	06	261	5210	04	375	246	05

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹
01	508	335	02	661	429													
02	510	327	03	666	387	01	858	522	116	529	305	464	580	369	735	544	934	344
03	511	329	02	665	413		855	535	116	487	307	439	582	382	735	378	934	357
04	508	312		663	403		852	530	117	451	310	407	589	361	744	352	944	363
05	505	336	03	658	429		846	512	112	454	306	403	584	364	739	345	939	355
06	512	316	04	666	429		855	538	119	480	311	415						
07	511	323	03	664	430		852	530	115	498	308	405	585	381	738	372		
08	508	328	01	661	420		850	525	114	481	307	427	583	380	738	358	938	345
09	507	326		660	434		848	540	111	487	302	459	576	375	731	343		
10	511	332		665	429		853	522	116	494	306	459	582	369	747	351		
11	512	325		665	437		853	554	113	484	305	409	583	365	738	358		
12	511	328		664	447		854	529	116	492	307	430	585	364	740	352		
13	512	320		667	420		857	527	115	527	304	468	580	356	736	335		
14	508	321		662	445		849	541	111	479	304	409	582	380	736	352		
15	506	317		661	431													
16	503	347		655	450		844	512	110	472	305	382	582	367	737	352	937	348
17	513	317	02	667	430		857	506	116	526	304	463	561	335	739	313	943	307
18	519	324	03	672	425		862	541	121	510	315	395	593	359	747	347		
19	519	305	02	674	405		864	538	123	495	314	434	595	365	749	369		
20	521	299		676	410		865	554	128	499	314	428	592	374	746	370	946	349
21	520	293	04	675	416		862	570	123	497	314	434	589	374	743	370	941	306
23	535	255	03	693	364		886	529	140	566	326	496	597	399	750	361	948	309
27	505	389	01	656	458		846	474	116	446	309	410	585	394	736	345		
28	506	361		659	432		849	524										
29	509	307	02	664	412		853	542	119	439	314	396	593	356	749	343	949	350
30	506	303	03	662	377	01	854	520	116	458	309	433	584	386	738	370		

Results of Radiosonde Observations,
MAWSON – Dec., 1957

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	5051	15	508	075	5076	07	119	5121	07	165	5155	06	264	5186	04	578	240	05
02	994	5066	16	503	079	5109	07	122	5136	06	168	5166	05	268	5202		581	244	
03	987	5078	13	509	074	5082	08	118	5118	08	164	5162	07	264	5176		578	216	
04	984	5074	14	511	071	5080	08	115	5121	06	161	5162	05	261	5204	03	574	269	
06	987	5022	26	509	074	5066	15	119	5101	14	165	5127	13	264	5190	09	578	269	05
07	989	5028	26	507	076	5083	15	120	5119	14	166	5128	12	266	5191	09	579	270	05
08	992	5039	21	505	078	5064	10	123	5102	09	169	5145	08	269	5193		582	237	
09	990	0011	26	506	077	5062	10	121	5104	10	168	5145	08	268	5180		582	225	
10	991	5036	16	506	077	5077	09	121	5111	08	168	5152	06	268	5183	03	582	235	03
11	992	5052	16	505	078	5084	09	122	5114	07	168	5149	06	268	5199		581	243	
12	995	5022	25	502	081	5061	14	125	5100	13	172	5125	14	273	5184	10	586	243	06
13	998	5004	24	000	083	5052	12	128	5092	11	174	5127	11	275	5186	10	589	267	07
14	001	5014	27	002	085	5068	18	130	5101	16	176	5127	14	277	5194	10	590	267	0
15	004	5006	23	005	088	5055	15	133	5098	12	179	5129	12	280	5154	05	595	232	
16	011	0000	23	010	094	5036	14	139	5076	14	186	5100	15	288	5144	07	403	220	
17	002	5012	21	003	087	5021	08	132	5063	08	180	5098	07	282	5140	06	397	217	
18	996	5028	20	502	081	5049	10	126	5085	09	172	5124	08	274	5150	09	388	244	05
19	997	5023	20	501	083	5066	14	127	5099	11	174	5097		276	5153	05	390	240	03
20	003	5006	33	004	088	5055	22	132	5080	20	179	5107	18	280	5176	10	395	237	06
21	999	5005	32	501	084	5044	24	129	5060	25	176	5102	18	278	5162	12	392	215	08
22	997	0018	26	501	084	5028	18	129	5071	17	176	5105	16	277	5148	11	392	233	07
24	997	0012	30	501	083	5026	17	128	5061	15	174	5101	14	275	5162	12	391	185	06
25	000	5001	32	002	085	5058	19	130	5088	17	176	5115	16	278	5144	15	394	195	10
26	003	5014	26	004	087	5069	13	132	5110	12	178	5138	11	279	5163	05	394	202	05
27	992	5016	24	505	079	5040	11	123	5086	11	170	5129	10	271	5169	04	386	221	07
29	985	0000	24	511	073	5048	14	118	5093	12	164	5120	11	265	5187	10	379	233	05
30	981	5010	20	514	070	5059	08	114	5093	08	161	5119	07	262	5177	04	375	247	02
31	987	5006	24	509	075	5043	14	120	5069	13	167	5114	12	268	5169	07	381	265	04

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	-°C ×10⁻¹	dg/kg	gpDm	-°C ×10⁻¹	dg/kg	gpDm	-°C ×10⁻¹	gpDm	-°C × 10⁻¹	gpDm	-°C ×10⁻¹	gpDm	-°C ×10⁻¹	gpDm	-°C ×10⁻¹	gpDm	-°C ×10⁻¹
01	509	316	03	664	402		855	506	120	451	314	415	591	375	745	372		
02	512	328	03	666	423		857	472	127	436	322	412	598	393				
03	511	258		670	344		865	474	133	419	328	413	604	401	757	386		
04	503	323		658	387		853	447	127	407	323	407	599	402	752	379	950	368
06	508	334	05	661	410		852	512	120	438	315	402	591	401	744	378	942	371
07	510	305	04	664	410		854	542	119	450	312	427						
08	514	299		669	407		859	545	122	468	313	449	587	421	739	402		
09	514	311		669	424		857	560	120	459	312	433	586	414	738	401		
10	513	317		667	431		855	554	119	457	312	438	586	414	737	399		
11	512	330		666	436		854	546	119	446	313	418	588	412	740	401		
12	517	305	03	672	421		862	543	129	442	322	424	597	403	749	396		
13	518	319	03	672	430													
14	519	336	03	673	417		862	543	130	436	324	420	599	408	751	400	948	381
15	526	322		681	402		872	516	136	464	328	441	602	400	754	399	951	378
16	535	315		689	416		878	559	140	473	331	451	602	432	753	418	948	400
17	530	276		686	401		877	531	141	456	334	427	608	412	760	404	957	385
18	519	316		673	414		863	523	130	443	324	426	599	405	751	402	948	383
19	521	305		676	415		866	531	133	449	327	423	601	415	752	397		
20	526	298	03	681	413		871	511	138	447	332	421	606	414	758	406	953	396
21	525	285	03	682	386		873	521	140	443	333	421	609	389				
22	527	290	05	683	397	03	874	529	139	448	332	424	607	410	759	403	955	394
24	524	286	03	681	380	02	873	525	140	428	334	428	609	401	761	396	958	378
25	527	300	04	684	378	01	875	538	141	450	334	443	606	426	757	410	953	400
26	527	287	03	683	394		874	522	142	435	335	439	608	428				
27	518	285	05	674	391	02	865	540	135	398	331	406	607	410	759	387	956	371
29	509	344	01	662	422		853	513	124	420	319	419	594	414	745	401	941	388
30	505	328		659	415													
31	512	315	02	667	409		857	489	129	408	326	398	602	393	755	384	954	361

Results of Radiosonde Observations,
TROPOPAUSE

MACQUARIE ISLAND, 1957

January

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	979	258	593	1
02	1020	245	548	1
03	1040	240	566	1
04	1017	245	592	1
05	958	268	559	1
06	1030	242	570	1
07				
08	885	300	473	1
09	870	308	534	1
10	918	281	515	1
11	783	342	460	1
12	771	347	474	2
13	1020	245	565	1
14	743	364	484	2
15	824	321	495	2
16	926	277	531	1
17	985	257	572	1
18	776	348	453	2
19	999	256	568	1
20	826	317	469	1
21	687	386	427	1
22				
24				
25	845	315	503	1
26	823	325	519	1
27	940	280	471	1
28	1108	220	531	1
29	1178	200	599	1
30	1110	218	565	1
31	679	391	404	1

February

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	961	269	500	2
02	1029	250	530	1
03	1034	235	549	1
04	1056	240	553	1
05	1120	219	583	2
06	690	400	392	3
07	1140	209	632	1
08	1278	173	696	1
09	1114	223	586	2
10	1120	217	587	1
11	979	266	510	1
12	895	300	522	1
13	1093	224	601	1
14	1160	205	589	1
15	1241	183	640	1
16	1135	215	572	1
17	1101	223	604	1
18	833	324	495	1
19	1061	239	545	1
20	1367	150	553	1
21	1033	320	453	1
22	944	273	502	1
23	817	330	482	2
24	875	300	495	2
25	837	310	488	1
26	1080	228	617	1
27	1159	206	605	1
28	970	274	500	1

March

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	1040	247	518	1
02	1024	250	555	2
03	997	256	547	1
04	989	258	489	1
05	1118	220	570	2
06	1055	239	595	1
07	1130	215	651	1
08	1139	213	587	1
09	1100	228	586	2
10	1283	172	673	1
11	1089	231	572	2
12	1107	222	603	1
13	975	273	553	2
14	1070	238	561	1
15	1030	247	512	1
16	750	360	413	1
17	1049	237	573	1
18	877	300	495	1
19	834	305	504	1
20	922	278	471	1
21	927	276	517	1
22	630	440	396	1
23	983	263	557	1
24	1155	207	647	1
25	1210	191	655	2
26	1165	204	633	1
27	1140	208	600	1
28	720	370	427	2
29	931	278	551	2
30	1030	244	635	2
31	1000	254	603	2

April

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	720	376	433	1
02	766	349	450	2
03	1132	210	631	1
04	1130	214	594	1
05	1043	242	584	2
07	1189	192	662	1
07				
08	1070	228	573	2
09	1100	218	611	1
10	800	334	447	1
11	1067	225	622	2
12	1102	218	606	1
14	961	267	556	2
14	834	319	477	2
16	1067	226	634	1
16	1040	241	616	2
17	1110	217	627	1
18	1087	225	633	2
19	1043	239	611	2
20	1089	218	667	1
21	978	260	595	2
22	1019	243	621	1
23	1106	214	665	2
24	980	257	638	2
25	842	308	569	2
26	800	325	534	2
27	1094	214	664	1
28	830	317	506	1
29	803	329	532	2
30	1027	238	671	1

May

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	931	276	572	1
02	850	312	508	2
03	990	251	597	2
04	980	260	611	1
06	761	347	478	1
07	645	409	409	2
08	805	322	562	1
09	971	254	622	1
10	905	281	607	1
11				
12	953	260	608	1
12	903	281	584	1
13	847	302	550	2
14	988	253	640	1
15	1123	211	667	2
16	1026	243	624	1
17	1125	210	624	1
18	1104	216	645	1
19	1210	124	645	1
20	1022	243	603	1
21	926	279	588	2
22	947	262	563	1
23	639	400	494	1
25	1012	235	622	1
25	813	315	513	2
27	768	337	549	2
28	1139	200	725	1
28	934	272	598	2
29	958	266	646	2
30	1037	233	677	2
31	1126	203	756	1

June

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	1085	217	662	1
02	1073	230	665	1
03	700	384	471	2
05	1013	248	595	1
05				
05				
06	964	261	590	2
07	917	276	566	1
08	782	329	551	1
09	925	277	597	1
10	998	245	532	1
11	892	287	538	1
13	636	410	510	1
13				
14	863	300	555	2
15	1122	211	693	1
17	1162	200	655	2
18	1049	230	585	1
19	924	276	594	1
19	848	305	516	1
20	478	515	383	1
22	1000	325	563	1
22	779	331	539	1
23	881	285	509	1
25	1009	236	653	1
25	842	300	517	1
26	930	272	610	1
27	839	312	528	2
28	843	313	571	2
29	990	255	607	1

July

DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE
02	1016	249	623	1
02	945	270	595	1
04	1132	208	698	1
04	895	290	549	2
06	985	252	602	1
06	917	280	577	1
08	1086	217	728	1
08	1031	236	659	1
09	1023	240	667	1
10	1031	234	676	1
12	1110	204	746	2
12	937	266	657	1
13	933	268	645	2
15	1197	183	692	1
15	720	368	527	1
16	1159	195	693	1
17	1148	196	711	1
18	1063	223	716	1
19	972	255	585	1
20	968	261	568	1
21	1048	233	669	1
22	1025	235	696	1
23	814	314	518	1
24	896	285	563	2
26	1030	232	679	1
26	860	289	497	1
28	1100	212	723	1
28	1050	227	728	2
29	969	260	658	1
30	1120	204	753	1
31	1210	178	776	1

August

DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE
02	1080	217	682	1
02	1060	227	679	1
03	974	256	639	1
04	1086	217	669	1
05	1078	228	696	1
07	1079	221	711	1
07	1078	222	683	1
08	1113	218	719	1
09	1044	235	649	2
10	914	285	631	2
11	1025	241	616	1
12	910	287	609	1
13	1067	223	661	1
14	1106	214	737	1
15	1192	185	783	1
16	1000	243	606	2
17				
18	844	300	535	2
19	920	270	586	1
20	1001	243	678	1
21	1102	208	759	1
22	1029	234	667	2
23	1063	225	698	1
24	1111	212	701	1
25	1175	189	769	2
27	1066	226	677	1
27	1051	230	685	1
28	1266	163	765	1
29	1068	224	667	1
30	810	326	548	1
31	917	282	584	1

September

DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	991	255	608	1
02	869	311	554	1
03	1040	239	602	1
04				
05	1097	216	720	1
06	1151	200	717	1
07	1100	216	675	1
08	980	261	618	1
09	1038	239	651	1
10	1123	212	698	1
11	1078	224	637	1
12	1040	233	632	1
13	920	271	584	1
14	1049	227	716	1
15	1097	217	659	1
16	1102	215	679	1
17	1104	212	666	1
18	1087	217	635	1
19	905	285	589	1
20	1000	248	646	1
21	970	260	587	1
22	683	587	492	1
23	757	341	537	1
24	744	356	549	1
25	867	300	589	1
26	944	267	627	1
27	831	306	568	1
28	1013	242	593	1
29	886	289	634	1
30	980	245	634	1

October

DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	930	264	611	1
02	876	287	579	1
03	887	288	585	1
04	1014	245	629	1
05	1072	227	671	1
06	880	300	523	2
07	758	357	457	1
08	960	265	524	1
09	966	254	597	1
10	867	295	639	1
11	914	272	647	1
12	890	286	621	2
13	885	287	554	1
14	1006	243	648	1
15	922	274	616	1
16	866	300	502	2
17	707	377	403	2
18	715	376	450	1
19	1016	245	612	1
20	705	366	430	1
21	861	300	509	2
22	1021	244	593	1
23	940	274	500	1
24	887	289	513	1
25	730	358	443	2
26	809	317	532	2
27	658	400	482	2
28	699	374	526	1
29	726	355	464	1
30	920	273	523	1
30	930	273	552	1

November

DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	1040	239	560	1
02	830	325	496	1
03	1070	232	596	1
04	1029	248	609	1
05	1016	253	557	1
06	966	270	500	2
08	947	279	539	1
08	810	335	486	1
09	910	289	491	1
10	701	391	414	1
11	970	263	567	1
12	798	335	495	2
13	700	380	459	1
14	1000	251	559	1
15	709	375	428	1
16	658	400	426	2
17	801	328	512	1
18	935	270	563	1
19	835	311	561	1
20	775	337	507	1
21	948	261	610	1
22				
23	809	321	525	1
24	920	275	557	1
25	862	300	549	2
26	949	268	601	3
27	974	258	593	1
28	1000	252	607	3
29	937	274	574	3
30	910	284	567	1

December

DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	907	288	563	1
02	1052	235	644	1
03	966	265	561	1
04	872	300	527	2
05	1150	200	627	1
06	864	305	467	1
07	839	316	507	2
08	1011	250	561	1
09	901	288	546	2
10	920	276	573	1
11	861	300	517	1
12	895	285	523	1
13	827	317	513	2
14	759	353	474	2
15	886	293	573	1
16	932	278	553	1
17	975	263	572	1
18	1035	242	591	1
19	970	263	583	1
20	919	279	571	1
21	829	320	441	3
22	1065	232	580	1
23	849	311	523	1
24	869	300	497	1
25	850	310	494	3
26	915	281	547	1
27	837	320	527	2
28	816	327	470	1
29	831	318	526	1
30	1041	239	526	2

January

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	10223	228	610	1
02	10330	237	580	1
03	9992	246	567	2
04	9981	250	546	1
05	8862	300	508	2
06	10220	239	588	1
07	9112	280	540	1
08	8863	300	504	2
09	10552	232	582	1
10	9955	251	563	1
11	9777	256	562	2
12	10000	247	571	1
13	8819	321	510	2
14	9000	282	526	1
15	9996	247	570	1
16	9931	270	536	3
17	8818	314	497	1
18	8886	285	560	1
19	8839	308	527	1
20	8777	291	545	1
21	8862	300	523	2
22	9116	276	555	1
23	8879	292	570	1
24	8869	300	495	1
27	7844	339	462	1
28	7778	344	423	1
29	7833	341	475	2
30	8477	310	517	1
31	9288	277	524	1

February

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	9963	261	520	2
02	9951	267	520	2
03	13800	140	440	1
04	8804	325	448	1
05	8812	317	493	1
06	8869	292	530	1
07	7889	333	486	1
08	9666	256	550	1
09	9000	282	509	1
10	7855	335	502	2
11	7588	349	474	1
12	7777	339	482	2
13	7760	344	516	1
14	7554	352	474	1
15	10211	243	550	1
16	11110	222	566	1
21	7710	369	483	1
22	8000	325	498	1
26	8880	286	548	1

March

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	7710	370	448	3
02	7556	340	516	3
03	7762	337	489	3
04	8850	300	508	2
05	8853	300	555	2
07	8884	286	573	2
08	9188	270	570	1
09	8830	311	533	1
10	10222	235	488	2
11	8655	300	481	2
12	9900	250	544	2
13	9711	258	552	1
14	10422	236	595	2
15	8677	297	507	2
16	8299	307	505	3
18	8400	300	561	1
19				
20	7844	333	508	2
21	9000	282	567	1
23	8444	302	503	3
24	7944	328	512	2
25	10022	245	574	1
26	9011	273	548	2
29	8999	276	524	2
30	8188	311	530	2
31	8109	309	531	2

April

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	7377	343	500	3
05	9499	263	567	1
06	9166	277	484	3
07	7999	321	547	2
10	7788	329	504	3
12	8399	300	551	2
13	8344	300	501	2
15	7001	362	516	2
16	11011	235	519	3
17	9505	256	559	1
18	8922	280	540	3
20	9455	265	588	2
23	9955	243	613	2
24	10255	230	640	1
25	9788	245	617	1
27	8544	296	542	2
29	9377	262	574	1
30	9505	255	570	2

May

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	8922	280	579	1
02	9899	241	630	1
03	9800	245	667	1
04	9266	268	580	2
06	8855	277	569	2
08	7355	346	585	1
09	8133	305	603	2
10	8533	290	585	2
13	8997	267	613	2
14	8933	270	624	2
15	7766	324	577	2
16	6899	366	511	2
17	8220	300	551	2
18	9220	258	622	1
19	10088	229	683	1
22	8144	309	580	1
23	9188	262	573	3
24	8611	300	569	2
26	10334	230	647	1
27	10233	233	662	1

June

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
03	8911	281	583	2
04	7044	368	532	3
14	19300	225	648	1
16				
17	10433	231	594	3
23	10000	231	607	3
26	9200	265	654	1
28	10000	228	693	2
29	9699	240	687	3
30				

July

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	940	248	639	3
04	997	232	665	2
05	988	233	649	3
06	927	251	643	3
07	816	300	601	3
08	977	360	555	3
09	920	256	627	3
10	997	227	663	2
12	948	246	651	2
13				
14	876	279	629	3
15				
16				
17	1021	228	669	1
19				
20	1030	215	679	3
21				
22	1039	213	726	1
23	1074	200	731	2
24	1067	200	752	2
25	930	248	674	3
26	917	256	653	3
27				
28	729	355	553	3
29				
30				
31				

August

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
02				
03				
05				
07				
08	1129	192	741	1
09	1121	189	719	1
10				
11	988	238	670	3
12				
13				
14				
15	1120	196	673	2
16				
18	1189	165	672	2
22	1080	200	741	1
23				
24	1079	200	664	2
25	1067	200	658	3
28	1235	150	696	3
29				
30				
31				

September

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
02	986	223	696	3
03				
04				
05	960	237	708	2
06	1064	200	704	3
07	953	237	668	3
08	931	246	674	3
09				
10	1053	200	685	3
11				
14				
16	1140	190	684	3
17	1089	193	713	3
18				
19	927	251	667	3
20	1064	200	682	3
21				
22				
23				
25				
26				
27	990	230	685	3
28	974	238	652	2
29	1092	200	670	3
30	980	240	626	3

October

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
02	977	237	685	2
03				
04	839	300	596	3
05	1119	200	697	2
06	1121	200	681	3
07	1065	215	715	1
08				
09	932	256	632	1
10	1031	217	631	1
11	906	269	575	1
12	962	247	605	2
13	1069	208	661	1
14	995	233	678	1
15	974	241	653	3
16	990	234	645	2
17	916	266	619	2
18	928	261	640	3
22	1016	223	588	2
23	933	252	576	3
24	900	270	592	2
25	926	262	608	1
26	967	249	633	1
27	971	245	649	1
28	928	261	616	1
29	946	253	599	3
30	958	251	576	2
31	1020	228	620	1

November

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01				
02	981	247	582	1
03	927	269	562	1
04	900	278	539	1
05	846	300	512	1
06	855	300	538	1
07	802	324	539	1
08	894	280	539	1
09	856	295	544	1
10	824	314	529	3
11	970	247	561	1
12	935	265	543	1
13	903	279	566	2
14	798	325	534	3
15				
16	745	349	498	3
17	934	250	582	1
18	940	266	576	1
19	959	258	584	1
20	941	266	599	1
21	862	300	578	2
23	1087	218	647	1
27	784	328	489	3
28				
29	894	282	548	1
30	967	252	564	1

December

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	916	273	545	1
02	738	350	474	2
03	993	246	503	1
04	853	300	447	2
06	852	300	512	1
07	854	300	542	1
08	938	339	496	1
09	857	300	560	1
10	877	290	565	1
11	836	308	551	1
12	835	315	554	1
13				
14	883	291	549	1
15	923	278	561	1
16	936	273	577	1
17	928	277	555	1
18	863	300	523	1
19	866	300	531	1
20	841	314	515	2
21	873	300	521	2
22	920	279	562	1
24	915	280	550	1
25	911	282	557	1
26	857	308	529	1
27	865	300	540	1
29	853	300	513	2
30				
31	828	313	516	1

Results of Upper Wind Observations,
DAVIS 1957

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
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[illegible]	11	06	03	10	03	17	04	09	02	02														
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[illegible]	13	06	12	02	14	05	05	17	06	25	06	20	04	09										
[illegible]	14	06	03	09	06	23																		
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[illegible]	16	06	03	12	03	15	03	04																
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[illegible]	17	06	05	16	04	19	05	22	06	22	09	23	08	10	09	17	10	25	10	15	12	25	20	27
[illegible]	18	06	03	21	05	25	05	25	06	23	05	24	05	23	04	22	02	12	35	08	33	10	29	11
[illegible]	19	06	03	13	04	16	05	22	05	15														
[illegible]	19	12	04	13	04	23	06	22	08	13	06	10	04	10	07	08	08	04	34	07	29	19	26	11
[illegible]	20	06	03	18	04	16	07	12	07	07	09	08	10	08	12	08	17	08	21	11	16	04	24	07
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[illegible]	24	06	03	07	03	10	08	03	07	06	27	09												
[illegible]	25	06	01	05	03	11	08	12	07	10	29	07												
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[illegible]	27	06	35	05	04	06																		
[illegible]	28	06	04	17	05	26	05	31																
[illegible]	28	12	04	17	05	19	06	22	07	11														
[illegible]	01	06	00	00	16	02	06	12	04	08	02	04	08	05										
[illegible]	02	06	03	15	03	15	05	15	05	08														
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[illegible]	08	06	04	03	02	05	04	04	11	02														
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[illegible]	10	06	35	05	01	07	01	07	29	08	29	12	28	17	27	30	26	50	26	72	26	32	26	27
[illegible]	11	06	06	22	07	20	06	53																
[illegible]	12	06	13	02	08	05	08	09	07	15														
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[illegible]	19	06	04	16	04	20	05	09																
[illegible]	21	06	23	12	26	08																		
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[illegible]	22	06	21	04	15	02	05	21	05	11	35	09	32	12										
[illegible]	23	06	00	00	11	02	11	06	20	04	20	07	27	10	28	13	29	17	30	28	30	31	28	24
[illegible]	23	12	24	12	22	08	23	05	24	06	28	07	26	10	28	17	29	26	29	24				
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[illegible]	24	12	14	07	18	08	21	10	21	12	22	18	23	22	24	39	24	44	25	42	25	50	25	50
[illegible]	25	06	11	15	15	12	22	20	22	34	22	44	23	55	23	75	23	05	23	22	23	25	23	75
[illegible]	25	12	12	19	14	14	21	17	21	25	23	43	23	50	23	66	24	93						
[illegible]	26	06	18	05	17	03	05	20	01	06	34	04	30	16	29	22	28	24	29	31	29	35	29	47
[illegible]	29	06	09	14	07	17	05	17	06	12	05	11	08	13	06	25	06	12	06	10	03	10	25	20
[illegible]	30	06	06	14	05	20	06	11																
[illegible]	31	06	04	21	04	19	04	17	05	14	04	12	04	15	03	18	02	22	01	24	36	25		
[illegible]	01	00	04	08	04	23	05	31	06	25	07	03	07	09	04	14								
[illegible]	01	06	04	07	04	14	05	21	04	05	25	03	06	13	05	12	05	21	06	30	06	28	35	05
[illegible]	02	00	13	06	11	06	04	10	06	06	21	17												
[illegible]	02	06	13	03	16	10	15	06	19	03	21	20	21	15										
[illegible]	02	12	19	06	20	12	18	08	19	07	20	23	25	05	27	01	23	06	24	10	26	05	26	22
[illegible]	03	00	18	05	18	14	20	15	20	13	21	14	21	07										
[illegible]	03	06	20	07	20	09	20	10	21	13	24	04	21	11	22	28	23	34	23	42	23	30	26	26
[illegible]	04	00	10	10	06	09	03	13	14	03	20	04	23	07	25	08	24	07	27	09				
[illegible]	04	06	13	05	06	07	05	17	16	06	21	04	22	07	26	07	26	07	24	06	27	12	26	19
[illegible]	05	00	00	00	23	06	15	02	23	02	24	14	22	20										
[illegible]	05	12	22	09	19	11	17	12	19	16	19	15	19	19	18	16	22	32	23	80	23	03	22	75
[illegible]	06	00	10	07	08	09	05	11	15	07	20	12	23	16										
[illegible]	06	06	03	18	04	23	04	38	03	24	35	07	34	08	28	30	28	38	27	53	27	78	27	97
[illegible]	07	00	04	24	05	20																		
[illegible]	08	06	09	03	05	11																		
[illegible]	09	00	13	07	08	10	04	15																
[illegible]	09	06	13	04	20	04	13	03																
[illegible]	10	06	32	06	34	07	30	15																
[illegible]	10	09	00	00	34	03	35	06	32	06	29	15	27	26	27	33	27	38	27	48	27	40	27	30
[illegible]	11	00	00	00	11	03	05	22																
[illegible]	11	06	06	24	06	32	04	30																
[illegible]	12	00	05	23	06	33	04	38	04	33														
[illegible]	12	06	06	12	07	33	04	28	04	37														
[illegible]	13	00	05	07	04	15	04	11																
[illegible]	13	06	08	03	06	07	03	06	07	08	04	05	28	02	04	02	35	10	35	12	30	10	26	16
[illegible]	15	00	10	08	10	13	05	12	08	08	09	06	12	10										
[illegible]	15	06	12	07	12	06	05	08	10	04	19	03	01	04	36	05	32	18	31	26	30	17	29	17
[illegible]	16	00	10	06	09	06	06	11	06	03	15	01	06	04	02	10								
[illegible]	16	06	11	06	05	06	04	15	05	12	03	11	03	11	03	11	01	15	35	26	30	14	24	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
APR	17	00	05	06	06	10	04	17																
APR	17	06	00	00	09	03	04	20	05	21	04	24	03	30										
APR	18	01	05	24	05	30	05	53	05	43	04	35												
APR	18	06	00	00	10	07	07	20	07	24	08	29	08	28	08	37	10	37	13	25	13	10	24	07
APR	19	00	00	00	06	12	03	28	02	15														
APR	19	06	00	00	17	06	08	08	08	17	09	22	04	17	03	24	36	48	36	43	35	34	33	18
APR	20	06	07	12	06	20	04	27	04	25														
APR	20	09	10	14	07	25	04	21	07	20	08	19	07	16	06	15	02	21	35	12	30	11	24	15
APR	21	00	07	23	06	31	05	59	06	23														
APR	21	06	07	17	06	20	05	40																
APR	22	00	10	08	10	17																		
APR	22	06	00	00	06	12	05	18																
APR	23	00	09	07	07	14	05	22	07	17	10	19	17	14										
APR	23	06	04	12	05	23	05	24	06	22	10	17	14	08	12	09	12	07	18	15	19	19	21	08
APR	24	00	11	10	09	11	04	20	08	12	10	03												
APR	24	06	11	12	12	14	07	16	10	14	14	08	10	15	12	20	11	28	12	31	13	28	14	19
APR	25	00	05	28	06	32	05	41																
APR	25	06	05	24	06	34	05	61	05	55	05	44												
APR	26	00	05	12	04	21																		
APR	26	06	04	15	04	26																		
APR	27	00	00	00	05	18	05	24	07	17	11	21												
APR	27	06	07	06	06	14	04	26																
APR	28	00	08	15	07	16	05	26	07	17	09	14	10	17										
APR	28	06	07	21	06	25	05	29	07	15	07	24	08	24	08	29	10	31	10	36	10	17	14	03
APR	29	00	05	10	06	17	05	24	07	28	10	13	09	19										
APR	29	06	06	05	07	12	06	25	09	17	10	19	11	14	14	16	17	09	18	11	21	08	24	08
APR	30	00	10	06	08	10	03	22	03	46														
APR	30	06	10	07	04	08																		
MAY	01	00	05	05	04	18	04	16																
MAY	01	06	10	09	06	10	04	11	05	07	03	08	02	09	05	06	12	01	24	02	32	06	28	07
MAY	02	00	10	05	07	06	07	08	12	06	20	12	20	10	16	11								
MAY	02	06	11	05	05	06	04	04	09	03	21	10	20	09	16	13	17	11	16	06	17	07	19	06
MAY	03	00	10	04	05	11	03	07	07	09														
MAY	03	06	11	04	06	12	07	03	03	09	36	07	14	07	18	13	19	19	19	21	18	13	22	07
MAY	04	00	12	06	20	06	36	04	32	01	18	04	03	06	25	14								
MAY	04	06	11	05	19	02	02	09	05	09	31	04	30	08	29	17	28	31	28	39	27	33	28	23
MAY	05	00	11	07	05	13	05	03	18	12	19	17	20	18										
MAY	05	06	00	00	10	04	12	06	18	14	19	14	22	10	21	07	24	09	29	14	27	23	27	33
MAY	06	00	11	05	14	02	21	06	24	07														
MAY	06	06	11	04	11	02	22	11	24	07														
MAY	07	00	13	06	05	10	05	21	06	05	35	05	27	15										
MAY	07	06	12	08	21	06	06	08	07	12	05	06	28	12	28	21	28	27	29	23	31	24	31	20
MAY	08	00	13	06	19	05	05	02	15	05	16	04	08	04										
MAY	08	06	09	03	31	01	05	02	07	03	07	03	05	01	15	03	12	07	09	13	05	10	27	10
MAY	09	00	11	08	06	06	09	03	10	10	12	10	11	08	09	07								
MAY	09	06	11	08	10	11	04	12	06	07	05	06	05	10	05	07	10	10	10	13	36	05	28	15
MAY	10	00	10	08	05	03	36	06	34	04	34	03	34	04										
MAY	10	06	11	06	11	05	02	10																
MAY	11	00	12	06	06	04	04	22	06	15	36	13	33	10										
MAY	11	06	18	03	20	02	05	18	05	19	05	17	35	13	34	15	29	25	29	32	29	43	29	47
MAY	12	00	11	06	07	08	05	19	08	12	08	14	06	15										
MAY	12	06	10	05	07	12	05	27	08	18	08	14	07	18	36	08								
MAY	13	00	10	09	06	04	05	08																
MAY	13	06	11	05	07	06	05	10																
MAY	14	06	07	05	05	11	05	33																
MAY	15	06	04	08	04	11																		
MAY	16	00	00	00	11	07	07	09	10	05	09	03	08	02	01	06								
MAY	16	06	09	06	07	02	14	03	15	05	20	03	12	01	05	07	35	01	01	06	29	12	28	16
MAY	17	00	07	14	04	19	04	05																
MAY	17	06	04	18	04	22	01	10	02	12														
MAY	18	00	07	06	03	15	02	06	35	08	32	14	31	14										
MAY	18	06	03	12	03	19	01	10																
MAY	19	00	10	04	25	05	27	10	33	05	29	12	28	20										
MAY	19	06	09	05	09	05	35	02	27	03	22	13	22	28	23	40	23	53	23	57	23	54	25	40
MAY	20	00	14	03	21	02	23	04	23	12	23	25	23	32										
MAY	20	06	08	04	06	02	23	02	23	11	23	22	24	23	24	31	25	45	25	48	26	52	26	51
MAY	21	00	12	05	09	05	05	27	06	18	06	17												
MAY	21	06	08	12	08	26	05	46																
MAY	23	07	05	11	05	28	04	44	04	35	04	35												
MAY	24	00	09	04	08	13	05	20																
MAY	24	06	07	14	08	20	05	28																
MAY	25	00	09	12	07	20	04	33	06	23	11	19												
MAY	25	06	09	12	06	14	04	37	06	26	06	24	04	27										
MAY	26	06	05	20	07	21	05	35	05	41	05	37	07	11										
MAY	27	00	11	25	12	28	10	36	15	20	15	23												
MAY	27	06	10	21	09	26	05	11	07	13			18	36	19	39	19	43	18	54	18	46	19	31
MAY	28	00	05	15	05	18	03	14	04	13														
MAY	29	00	09	04	06	06																		
MAY	29	06	13	04	07	05	04	20	04	24														
MAY	30	00	05	15	03	24	03	23	03	28	04	23												
MAY	30	06	08	01	04	08	05	33																
MAY	31	00	10	07	06	02	07	05	06	15	05	13	03	12										
MAY	31	06	13	04	19	05	10	06	09	07	04	13	03	15	02	17	09	05	13	05	22	05	35	13

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
IN	01	01	04	14	03	25	04	47																
IN	02	00	10	01	04	07	06	09	07	10	13	05	12	04										
IN	02	06	00	00	19	11	15	06	04	04	18	06	21	12	20	14	24	24	24	26				
IN	03	00	05	10	04	21	04	15																
IN	03	06	02	15	02	20	05	22	06	12														
IN	04	00	09	03	06	08	05	23																
IN	05	00	05	18	05	26																		
IN	05	06	05	20	06	24	05	40																
IN	06	00	00	00	17	05	05	23	06	15	05	14												
IN	06	06	00	00	21	03	05	14	07	13	07	17	04	18										
IN	08	00	05	23	05	18	05	38																
IN	08	06	07	27	07	23	06	63																
IN	09	00	07	14	07	14	05	35	06	30	07	32												
IN	09	06	08	10	08	12	05	24	04	40	07	36	09	16	08	45	08	56						
IN	10	00	12	08	08	05	06	12	10	10	11	13	12	16										
IN	10	06	09	03	00	00	21	01	16	06	17	10	20	09	18	14	21	30	22	40	23	40	23	40
IN	11	00	12	07	06	05	05	04	17	14	18	22	19	27										
IN	11	06	11	05	11	09	12	07	11	13	14	31	16	32	17	42	17	54	18	62	18	70	18	62
IN	12	00	12	11	11	17	18	02	08	20	13	35												
IN	12	06	10	18	09	27	07	09	10	17	13	27	15	43	15	58	18	47	18	48	17	50	17	60
IN	13	00	13	07	22	05	23	12	22	16	22	22	23	27										
IN	13	06	13	07	21	06	22	13	23	22	23	22	23	34	24	45	24	66	24	80	24	84		
IN	14	00	03	01	02	03	23	07	23	17	24	26	25	42										
IN	14	06	10	08	05	12	04	18	28	11	25	18	26	31	26	49	26	58	26	78				
IN	15	00	13	02	06	07	05	29																
IN	16	00	13	07	17	03	05	09	09	06	27	02	26	05	30	21								
IN	16	06	10	03	15	02	17	03	16	05	18	06	29	05	30	20								
IN	17	00	00	00	18	03	05	20	03	10	03	06	35	10										
IN	17	06	00	00	14	02	05	10	07	07	03	11	01	16	32	13								
IN	18	00	20	07	12	06	05	17																
IN	18	06	00	00	20	07	05	09	07	08	06	04												
IN	19	00	00	00	31	02	11	03	30	07	29	08												
IN	19	06	12	01	36	06	06	04																
IN	20	00	21	12	17	09	05	21	05	20														
IN	21	00	04	28	06	25	04	43																
IN	21	06	06	27	06	35	04	32																
IN	22	00	07	23	07	24	05	43																
IN	23	00	05	18	05	23	05	58																
IN	24	00	05	28	05	33	05	58	05	61														
IN	24	06	05	28	05	26	05	50																
IN	25	00	05	30	05	39	04	50	04	39	05	37												
IN	25	06	05	14	05	19	05	39	06	37	06	12	08	18	05	24	05	43	04	36	04	32	04	32
IN	26	00	05	03	05	16	06	33																
IN	26	06	05	18	05	27	05	28																
IN	27	00	07	05	07	07	04	09	08	15	08	20	08	29										
IN	27	06	07	08	06	14	05	15	05	16	06	21												
IN	28	00	13	03	12	03	06	17	04	07	34	09	34	08	04	20								
IN	28	06	00	00	03	06	04	05	21	07	24	06	28	07	03	15	04	23	04	38	04	47	04	32
IN	29	00	11	02	07	09	05	33	04	16	02	14	04	14										
IN	29	06	22	05	24	08	09	10	05	17														
IN	30	00	07	25	07	33	05	53																
JL	01	00	05	02	05	10	05	36																
JL	01	06	04	07	04	15	06	36																
JL	02	00	05	24	05	29	05	36																
JL	02	06	05	21	05	24	04	38																
JL	03	00	05	10	07	08	06	34																
JL	04	00	09	26	08	25	05	21																
JL	04	06	08	25	08	35	05	49	05	46	07	47	10	32										
JL	05	00	13	07	09	15	05	31																
JL	05	06	13	09	13	09	05	12	07	11	07	08	04	12										
JL	06	00	00	00	27	05	19	08	22	09														
JL	06	06	10	02	03	05	23	10	19	10	23	21	32	04	27	12	28	21	28	20	31	15	02	08
JL	07	00	11	03	04	09	05	24	14	05	22	07	26	09										
JL	07	06	09	01	05	10	05	23	08	04	26	08	27	11	28	21	30	20	32	21	32	17	32	13
JL	08	00	00	00	04	10	04	21	03	08	30	14	29	24										
JL	08	06	09	06	05	10	03	11	33	04	28	25	28	26	29	28	30	28	30	22	31	19	31	14
JL	09	00	19	06	18	10	13	02	21	05	31	06	32	14										
JL	09	06	19	02	20	07	29	02	31	03	30	07	34	12	33	14	32	15	33	18	27	19	26	25
JL	10	00	00	00	05	07	06	08	10	06	06	09	34	05	27	14								
JL	10	06	11	03	20	03	05	11	11	05	08	09	28	01	27	16	26	21	25	25	25	26	25	16
JL	11	00	08	09	04	16	03	12	33	06	28	06	26	13	25	16								
JL	11	06	09	06	05	15	04	19	02	06	32	08	29	14	29	15	30	14	31	13	29	28	28	30
JL	12	00	11	07	09	16	05	22																
JL	13	00	05	04	01	04	09	04	06	12														
JL	13	06	14	04	18	05	05	09	06	09														
JL	14	00	10	05	12	04	16	06	19	15	17	12	15	08										
JL	14	06	18	03	19	07	10	07	17	06	19	09	16	11	19	07	30	07	34	20	34	30	30	24
JL	15	00	28	04	35	04																		
JL	16	00	07	06	04	08	03	07																
JL	16	06	05	05	02	08	01	06	34	10	32	11	28	18	27	55								
JL	17	00	13	06	07	10	05	25	10	12	10	07	25	21										
JL	17	06	12	08	09	14	06	08	10	19	10	14	23	05	27	11								
JL	18	00	13	17	11	15	05	29	06	26														
JL	18	06	11	18	09	15	04	31	06	22														
JL	20	00	13	03	14	08	08	06	07	09	36	05	28	01	05	03								

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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
JUL	20	06	13	01	07	05	20	06	18	04	23	05	21	07	30	04	35	07	34	14	33	28	33	15
JUL	21	00	09	06	05	10	03	14																
JUL	21	08	04	12	04	22	03	16	03	08	34	08	33	14	32	15	32	20	30	24	30	26	27	27
JUL	22	00	03	06	05	08	04	25	07	17	18	09	23	25										
JUL	22	06	11	06	08	05	05	18	15	06	23	13	24	27	24	53	24	61	25	65	25	65	26	60
JUL	23	00	12	08	09	04	05	05	36	06	27	10	27	21										
JUL	23	06	00	00	20	03	04	07	03	07	32	09	30	19	29	24	29	30	29	33	29	29	29	31
JUL	24	00	13	07	10	07	05	24																
JUL	25	00	05	08	05	12	06	45																
JUL	25	06	07	12	07	17	05	35																
JUL	27	06	13	05	07	08	04	08																
JUL	28	06	09	04	09	05	03	07	03	16	01	20	36	20										
JUL	29	00	12	06	17	05	22	19	21	20	21	22												
JUL	29	06	00	00	17	05	21	17	21	17	21	25	21	27	22	45	22	53	22	76				
JUL	30	00	11	12	07	10	03	04	17	08	19	18	20	26										
JUL	31	00	12	18	10	16	10	07	16	17	18	21												
JUL	31	06	10	10	09	10	03	05	09	10	14	20	18	19	21	55	22	43	23	46	23	52	24	58
AUG	01	00	12	05	07	13	04	28	05	20	08	16	09	10										
AUG	01	06	04	08	05	11	05	34	05	35	06	23	05	23	05	23	32	09	27	15				
AUG	02	00	12	12	10	14	06	29	07	38	07	39	08	37										
AUG	02	06	10	12	09	14	08	03	06	27	09	34	12	25	12	41	13	59	18	26	17	28		
AUG	03	00	10	13	08	12	01	09	08	07	11	10	15	07	16	15								
AUG	03	06	09	06	04	10	02	08	05	11	01	07	31	08	28	12	27	12	29	22	29	24	26	30
AUG	04	00	04	06	04	15	04	33	05	30	05	27												
AUG	04	06	11	04	09	05	04	16	09	17	08	26	07	32	07	45	07	53	07	45	09	28	16	18
AUG	05	00	08	07	05	20	06	24	11	20	18	17	18	11	22	11								
AUG	05	06	05	10	04	12	06	25	06	33	08	21	19	16	15	11	19	06	23	08	25	15	25	23
AUG	06	00	12	04	07	08	05	23	06	20	01	02	26	08	23	05								
AUG	06	06	12	04	09	02	04	26	05	13	05	09	01	06	36	06	34	02	26	09	24	20	24	30
AUG	07	00	00	00	05	07	05	27	06	18														
AUG	07	06	11	06	07	08	05	18	05	26	05	28	05	26	05	20	07	13	15	08	20	08	24	16
AUG	08	00	11	01	07	08	07	21	08	25	09	21												
AUG	08	06	09	02	06	08	06	26	08	26	09	16	08	26	10	27	14	36	15	30	16	20	19	14
AUG	09	00	13	08	10	09	05	22	06	24	08	27	09	29										
AUG	09	06	13	07	09	08	05	20	09	20	08	26	08	29	08	28	06	16	04	16	04	10	36	10
AUG	10	00	10	10	08	18	05	26	05	32	07	21												
AUG	12	00	04	08	05	21	05	38	06	24	09	08												
AUG	12	06	10	03	07	10	05	20	07	24	07	18	07	15	02	10	02	10	36	16	33	26	32	22
AUG	13	00	00	00	16	11	23	05	19	03	19	05	21	10										
AUG	13	06	00	00	14	01	20	04	17	07	17	07	19	14	20	27	20	47	20	79	20	90	20	01
AUG	14	00	00	00	08	06	09	05	18	07	20	16	21	31										
AUG	14	06	00	00	08	05	03	06	20	09	20	17	22	42	22	70	22	89	22	95	22	04		
AUG	15	00	08	07	07	09	04	10	20	10	21	13	22	29										
AUG	15	06	09	08	07	12	04	21	06	08	22	11	23	15	25	40								
AUG	15	09	09	08	07	09	04	12	21	01	23	12	23	23	25	33	26	47	27	49	27	51	26	42
AUG	16	00	08	02	04	16	04	25	04	17	32	09	32	18										
AUG	20	06	05	10	07	13																		
AUG	22	00	13	03	11	10	05	22	06	20	07	21												
AUG	22	06	10	16	09	16	05	22	07	13	10	15	12	18	14	22	13	15	11	05	09	08	04	08
AUG	23	00	09	17	06	19	05	18																
AUG	23	06	08	12	09	14	05	17																
AUG	24	00	11	09	07	08	13	02	16	07	10	14	08	08										
AUG	24	06	07	03	05	11	05	10	07	11	16	09	15	12	15	13	16	10	19	12	17	14	18	12
AUG	25	00	05	15	05	18	04	33																
AUG	25	06	07	14	06	17																		
AUG	26	00	11	13	10	14	10	11	15	14	15	15	14	15										
AUG	26	06	13	03	09	11	10	11	14	10	14	16	17	18	18	19	16	18	17	12	18	20	21	24
AUG	27	01	06	01	05	25	05	53	04	52	04	40	05	31	04	30	34	08	27	14				
AUG	28	06	07	12	06	20	05	29																
AUG	29	00	06	13	06	22	04	15																
AUG	29	06	07	15	06	18	04	26																
AUG	30	00	12	03	10	07	04	16																
AUG	30	06	10	12	10	07	04	12	10	06	09	03	05	04	08	14	09	25	10	28				
AUG	31	00	00	00	04	09	16	02	19	09														
AUG	31	06	07	01	03	07																		
SEP	01	00	10	04	07	05	11	05	31	01	36	04												
SEP	01	06	13	05	10	05	07	05	12	05	10	09	05	12	05	22	03	25	05	15	05	10	02	10
SEP	02	00	09	05	08	07	05	06	03	05	07	07	07	11	05	12								
SEP	02	06	10	04	07	02	05	03	05	06	08	06	09	10	09	07	12	09	12	12	18	08	18	07
SEP	03	00	06	05	05	12	06	09																
SEP	03	06	07	04	05	07	05	07	05	05	12	07	17	10	17	07	21	10	22	13	24	17	24	27
SEP	04	00	12	05	15	04	05	12	07	03	08	02	17	03	21	03	24	11	25	13	25	23	25	29
SEP	04	06	00	00	07	01	04	11	01	01	07	01	21	02	24	05	24	09	26	11	26	21	26	27
SEP	05	00	09	04	05	06	05	17	05	05	03	05	34	05	30	09	27	18	26	27	26	31	26	29
SEP	05	06	07	08	04	13	04	23	03	13	01	12	35	10	31	16	27	37	27	45	27	42	27	35
SEP	06	00	07	06	06	13	04	22																
SEP	06	06	09	09	07	12	04	16																
SEP	07	00	09	06	06	11	07	08	06	06														
SEP	07	06	12	05	10	06	05	16	06	09	04	12	36	07	31	11	31	15	33	12	33	13	33	11
SEP	09	06	13	03	17	04	03	11	04	10	03	09	04	08	01	09	01	09	01	21	36	26	36	18
SEP	10	00	27	03	24	05	22	09	22	10	21	05	31	02	04	20	03	36	03	52	03	47	02	31
SEP	10	06	00	00	27	04	25	10	23	07	35	02	01	06	03	25	03	45	03	50	03	48	03	38
SEP	11	00	00	00	21	14	21	12	23	10	27	09	29	14	02	21	03	51	03	58	03	52	02	38
SEP	11	06	19	03	20	13	21	12	24	04	31	05	35	13	02	28	03	50	03	58	02	43	02	30
SEP	12	00	18	04	17	09	21	14	22	10	23	10	21	19	21	26	24	22	25	24	29	14	30	17

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
FP	12	06	19	05	17	12	21	11	21	12	21	16	21	23	23	25	25	26	25	33	28	28	28	26
FP	13	00	12	09	16	05	33	04	20	21	20	26	19	39	20	44	22	32	26	49	28	64	29	77
FP	13	06	12	05	04	03	05	18	16	13	18	20	18	24										
FP	13	09	00	00	18	08	05	17	11	08	17	16	18	22	19	30	25	32	29	36	30	38	30	46
FP	14	00	11	06	09	05	08	08	05	15	06	22												
FP	15	00	08	08	08	15	05	46	04	37														
FP	15	06	07	05	08	16	05	36																
FP	16	00	09	13	08	20	05	25																
FP	16	06	06	12	06	13	05	76																
FP	18	00	07	06	07	15	04	13																
FP	18	06	05	17	05	18	06	11																
FP	19	00	10	04	06	08																		
FP	19	06	08	03	05	07	04	21																
FP	20	00	07	04	05	08	05	10	08	12	13	05	10	06	07	12	06	20	06	16	07	13	07	13
FP	20	06	04	16	04	22	05	26	06	17	13	09	13	11	12	13	09	20	05	22	08	11	14	08
FP	21	00	00	00	10	04	05	14	08	12	17	12	19	16	19	25	21	32	21	24	20	25	22	21
FP	21	06	00	00	36	02	06	06	13	09	20	08	19	20	20	26	21	22	21	30	22	30	22	23
FP	22	00	10	03	14	03	12	03	16	11	18	19	19	23	21	38	21	51	22	45	22	47	22	43
FP	22	06	00	00	23	01	05	14	10	20	12	22	13	23	15	23	19	28	21	48	22	48	22	46
FP	23	00	06	16	07	23	06	37	06	26	09	29	10	26	11	18								
FP	23	06	04	15	05	14	06	24	06	39	08	32	08	39										
FP	24	06	07	25	07	17	04	40	05	26														
FP	24	12	08	12	08	16	05	24	09	15	10	16	07	18	04	22	05	15	05	10	05	05	04	02
FP	25	00	11	04	07	09	04	16																
FP	25	06	05	18	07	26	05	30	08	16	06	21	06	20	13	17	13	12	16	05	25	06	05	06
FP	26	00	11	15	10	20	04	23	04	18	07	18	06	15	09	19	11	36	13	39	13	32	15	19
FP	26	06	10	14	08	17	05	15	07	11														
FP	27	00	07	17	07	17	05	26																
FP	27	06	13	07	17	02	04	13	07	16	08	10	08	17	08	24	06	29	05	27	06	22	06	12
FP	28	00	00	00	05	16	04	25																
FP	28	06	03	04	06	09	08	12																
FP	29	00	10	07	09	14	05	18																
FP	29	06	11	05	10	08	07	24	06	11	13	12	12	26	10	09	11	07	06	11	25	05	25	10
FP	30	00	00	00	18	05	10	05	10	04	07	07	21	08	23	13	23	32	23	32	24	31	25	30
FP	30	06	02	07	04	19	04	19	04	09	03	10	29	04	26	15	26	30	27	26	30	22	31	20
OCT	01	00	00	00	07	11	05	32	06	23	07	13												
OCT	02	00	04	27	05	50	04	51	03	41	03	35												
OCT	02	06	04	33	05	44	04	40	05	38	05	26	05	28										
OCT	03	06	04	12	05	17	04	24	05	23														
OCT	04	00	05	15	07	16	05	31																
OCT	04	06	10	05	09	06	05	12	08	07	07	10	06	08	36	05	19	06	18	17	17	19	19	18
OCT	05	00	10	15	10	08	14	06	13	09	14	22	16	11	18	22	18	24	18	38	19	43	19	51
OCT	05	06	10	16	11	15	10	11	14	10	15	15	17	21	19	31	19	39	19	58	19	68	19	68
OCT	06	00	11	09	07	09	05	09	13	09	17	16	17	16	19	24	19	25	20	19	22	20	21	50
OCT	06	06	13	05	14	04	04	04	07	09	12	08	16	12	19	21	20	20	22	20	21	31	21	60
OCT	07	00	10	07	06	08	07	05	15	08	17	12	18	18	19	20	20	32	21	87	21	98	22	88
OCT	07	06	29	03	08	01	16	05	16	08	18	14	19	15	20	20	21	41	22	85	22	95	22	77
OCT	08	00	11	03	05	17	06	31	08	20	17	06	18	05	22	11	25	44	25	46	25	47	25	58
OCT	08	06	00	00	17	03	06	21	06	11	10	08	15	03	26	03	26	30	26	41	26	36	26	44
OCT	09	00	13	07	10	09	04	27	06	14														
OCT	09	06	15	04	09	04	05	19																
OCT	10	00	04	15	04	25	04	37																
OCT	10	06	04	21	05	32	05	25	06	21	05	36	05	36	05	42								
OCT	11	00	04	11	05	30	05	44	05	42	06	45	06	54	07	38								
OCT	11	07	05	28	05	31	06	46	05	45	06	36	06	30	06	37	06	33						
OCT	12	00	10	08	07	19	05	13	08	18	08	25	08	20	08	28	07	28	07	21	09	09	08	11
OCT	12	06	06	17	06	14	06	11	06	15	06	16	06	14	06	18	06	22	06	22	10	14	10	09
OCT	13	00	10	06	06	12	06	10	07	08	06	18	05	09	04	16	04	19	02	17	35	13	30	14
OCT	13	06	04	10	05	13	06	14	07	14	07	13	08	12	06	17	05	13	02	19	33	10	30	13
OCT	14	00	08	12	06	25	04	23	05	14	07	18	07	25	08	19	07	20	04	19	27	08	27	10
OCT	14	06	05	17	06	14	05	23	07	15	09	13	07	22	07	20	09	15	05	13	27	13	26	16
OCT	15	00	00	00	08	10	05	25	06	24	08	16	09	19	06	15	06	12	15	05	23	04	30	08
OCT	15	06	03	14	05	15	05	24	07	14	07	16	07	21	06	21	04	18						
OCT	16	00	07	07	05	12	05	07	06	06	05	14	05	10	02	15	36	16	33	16	33	15	27	14
OCT	16	06	34	03	02	11	07	07	10	09	04	06	04	12	36	15	33	22	31	21	31	22	29	17
OCT	17	00	09	03	05	09	36	06	10	03	21	04	21	08	22	14	24	17	23	31	23	42	24	10
OCT	17	06	03	15	03	18	05	10	16	03	19	04	23	06	24	14	24	27	25	30	25	25	25	30
OCT	18	00	05	04	05	17	04	16	04	15	04	03	30	04	26	22	26	48	26	56	26	57	26	44
OCT	18	06	03	16	04	17	05	08	06	14	05	06	32	05	26	23	27	37	27	37	27	42	28	47
OCT	23	00	00	00	06	14	05	15	05	15	05	18	05	26	06	44	06	54	06	53	05	53	05	20
OCT	23	06	04	21	03	21	06	16	06	13	06	18	06	32	07	44	07	53	07	40	06	35	03	12
OCT	24	00	12	13	09	13	06	13	05	10	14	15	18	20	16	27	15	24	16	30	15	33	18	17
OCT	24	06	04	20	05	19	06	18	09	16	12	17	13	10	15	24	15	26	16	23	16	19	20	21
OCT	25	00	10	10	06	06	08	05	07	06	13	12	19	21	20	37	20	48	20	58	21	48	24	28
OCT	25	06	35	03	36	03	09	01	11	04	19	08	21	34	21	46	21	55	22	51	22	38	25	37
OCT	26	00	25	06	23	04	35	03	34	05	30	10	27	21	27	29	27	38	26	38	26	35	26	33
OCT	26	06	31	06	36	05	01	09	33	05	29	10	28	22	27	34	27	47	28	49	28	41	27	38
OCT	27	00	06	06	05	11	04	12	36	04	32	10	30	18	28	28	28	44	27	54	28	61	28	62
OCT	27	06	21	08	18	08	04	19																
OCT	31	00	20	03	06	03	05	15	04	20														
OCT	31	06	30	01	25	02	18	03	15	07	05	04	35	06	31	12	29	23	29	33	28	37	29	39

Results of Upper Wind Observations,
DAVIS 1957

MONTH	DAY	HOUR	SURFACE		1000 FEET		3000 FEET		5000 FEET		7000 FEET		10,000 FEET		15,000 FEET		20,000 FEET		25,000 FEET		30,000 FEET		35,000 FEET	
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt
NOV	01	00	00	00	04	17	03	10	26	02	29	05	29	11	28	27	28	49	28	48	29	55	29	56
NOV	01	06	02	16	03	24	02	11	03	05	28	07	29	13	28	22	28	43	29	52	29	54	30	54
NOV	02	00	00	00	04	07	10	06	36	05	29	04	27	08	27	19	28	23	28	33	27	31	27	35
NOV	02	06	35	08	02	09	02	06	35	05	31	03	26	13	26	15	25	20	25	23	26	30	25	41
NOV	03	06	29	02	33	05	05	07	28	04	23	07	24	09	24	20	25	19	25	45	26	45	26	45
NOV	04	00	00	00	06	03	35	01	23	06	24	15	25	18	25	23								
NOV	04	06	28	04	04	07	07	05	23	04	24	14	25	15	25	25	25	44	25	48	27	38	28	35
NOV	05	00	05	07	03	11	03	08	32	07	30	09	30	14	29	19	29	28	29	34	29	45	29	45
NOV	05	06	03	08	04	14	04	20	01	08	35	10	33	14	32	23	30	33	29	48	29	56	31	46
NOV	06	00	05	03	05	05	04	30																
NOV	06	06	20	04	18	06	04	19																
NOV	07	00	12	01	05	08	07	04	20	07	19	08	18	02	24	08	27	15	28	30	29	36	29	19
NOV	07	06	30	04	35	05	06	03	16	08	18	12	20	09	24	08	25	07	27	32	28	49	28	21
NOV	08	00	12	05	07	09	04	27	09	12	15	05	19	02	23	05	23	12	24	17	24	14	27	17
NOV	08	06	02	16	04	21	06	26	07	23	08	17	06	06	16	05	22	13	22	15	21	13	25	13
NOV	09	00	03	15	05	11	05	26	05	23	07	17	14	11	18	08	18	06	21	08	26	06	26	16
NOV	09	07	05	17	05	22	04	16	07	14	10	15	10	08	13	05	21	10	23	13	25	16	27	17
NOV	10	00	04	12	05	15	04	33																
NOV	10	06	35	07	02	10	06	17	07	17														
NOV	10	12	23	08	25	03	07	10	09	06	11	04	27	03	30	03	25	07	25	13	30	13	32	18
NOV	11	00	07	05	04	12	04	17																
NOV	11	06	36	05	03	10	05	20																
NOV	12	00	05	18	06	18	04	26	05	25														
NOV	12	06	04	20	05	30	05	26	06	28														
NOV	13	00	03	10	05	13	05	18																
NOV	13	06	01	10	03	13	06	11	07	09	36	02												
NOV	14	00	03	10	06	09	03	14	11	09	18	06	14	04										
NOV	14	06	35	10	02	14	10	07	14	07	16	01	06	05	36	06	36	10	32	07	30	08	28	11
NOV	15	00	03	14	04	17	36	03																
NOV	15	06	35	10	01	09	05	05	06	02														
NOV	15	12	35	02	35	02	03	06	05	03	19	06	25	05	28	17	27	22	27	30	28	20	28	18
NOV	16	00	05	07	05	05	25	01	13	03	23	08	23	07	29	12	30	14	33	15	33	15	32	15
NOV	16	06	31	07	29	02	07	01	03	06	33	05	29	05	31	08	35	10	33	12	33	15	32	17
NOV	17	00	21	13	20	14	20	13	20	03	35	01												
NOV	17	06	22	18	22	15	20	17	19	03	24	02												
NOV	17	12	23	15	23	13	25	11	27	08	35	04	33	08	30	10	28	17	27	23	26	24	26	18
NOV	18	00	00	00	22	05	21	11	21	15	19	08												
NOV	18	06	25	08	23	04	23	11	22	15	16	06	18	09	18	12	21	20	22	27	23	30	24	27
NOV	19	00	00	00	08	01	28	02	24	08	24	14	25	17	25	25	25	31	26	23	26	25	26	28
NOV	19	06	29	03	30	06	28	04	27	08	27	13	27	18	27	23	28	16	27	11	27	20	27	23
NOV	20	06	31	04	34	02	31	02	22	09	22	17	22	28	23	46	24	50	24	50	25	41	26	29
NOV	20	12	26	04	24	05	34	01	21	09	21	15	22	27	22	37	24	51	24	68	24	50	25	32
NOV	21	00	24	01	21	06	25	04	26	08	25	13	25	20	25	28	24	32	24	32	25	30	26	28
NOV	21	06	24	11	22	10	19	05	23	08	25	17	25	29	25	28	25	32	25	35	26	32	26	31
NOV	22	00	22	07	20	10	21	17	21	23	20	25	20	36	21	40	22	56	22	72	21	73	21	78
NOV	22	06	23	13	20	08	21	16	19	18	20	20	21	28	21	38	21	62	21	65	22	73	22	75
NOV	23	00	11	18	09	18	06	11	12	15	15	26	19	30	19	56	21	73	21	85	21	73	21	47
NOV	23	06	07	14	07	16	07	13	08	12	11	18	15	28	14	30	16	30	20	35	20	42	20	41
NOV	24	00	07	27	07	21	05	30	06	17	07	23	07	25	07	29	07	28	09	26	10	22	10	24
NOV	24	06	06	24	06	22	05	23	07	17	07	25	07	25	07	28	08	28	08	24	08	22	09	21
NOV	25	00	06	21	05	26	04	29																
NOV	25	06	05	24	05	18	05	25																
NOV	26	00	06	17	05	17	05	16	05	18	05	24												
NOV	26	06	03	17	04	23	05	18	05	16														
NOV	27	06	02	19	03	19	10	09	09	09	08	07	11	04	05	17	05	28	05	34	04	23		
NOV	28	00	05	07	04	12	10	02	09	02	09	01	11	06	11	06	08	13	09	14	11	08	22	03
NOV	28	06	36	07	02	12	07	12	13	04	15	02	10	04	17	03	10	05	11	04	25	05	24	05
NOV	29	00	04	11	04	14	06	06	05	07	03	03	25	01	30	07	26	32	26	41	26	22	27	11
NOV	29	06	02	11	03	15	04	16	06	12	05	08	03	05	28	15	27	27	27	30	28	24	30	10
NOV	30	00	05	07	06	10	05	18	05	28	07	21	08	11	06	14	03	11	28	44	28	55	29	14
NOV	30	06	02	05	05	16	07	18	06	31	06	22	06	12	06	17	30	15	29	26	29	31	29	16
DEC	01	00	05	15	06	20	05	13	06	13	06	20	11	05	06	05	28	04	28	07	35	10	04	08
DEC	01	06	02	09	02	08	06	11																
DEC	01	12	21	05	21	03	04	10	04	16	06	10	19	01	28	04	29	05	30	11	31	15	26	09
DEC	02	00	09	01	04	07	06	10	06	08	04	06												
DEC	02	06	36	08	01	08	07	09	07	07	01	03												
DEC	03	00	03	07	03	14	12	01	13	02	21	07	31	01	05	03	36	04	36	07	25	09	24	15
DEC	03	06	35	10	01	09	10	05	13	01	15	06	03	08	36	05	02	07	36	05	27	08	25	12
DEC	04	00	04	15	05	25																		
DEC	05	00	04	24	06	28	05	28	06	19	07	19	07	20										
DEC	06	00	04	18	05	25	05	22	07	16	07	14	07	19	10	10								
DEC	06	06	01	12	04	15	06	22	06	20	07	14	07	17	10	13	11	09						
DEC	06	12	35	07	04	08	07	12	06	15	07	16	08	20	13	10	14	10	11	08	11	07	16	04
DEC	07	00	06	06	06	10	05	15	04	16	08	12	07	08	12	10	16	11	21	12	27	06	29	02
DEC	07	06	35	10	01	14	06	16	05	19	06	14	08	12	09	09	12	11	18	04	26	13	28	05
DEC	08	00	09	03	05	09	05	16	07	05														
DEC	08	06	01	06	03	09	07	10	07	06														
DEC	09	00	09	08	08	08	04	10	09	13	11	13	11	09	13	07	18	12	18	17	21	14	25	03
DEC	09	06	01	07	03	09	05	12	06	11														
DEC	10	00	03	10	03	18	04	09	05	08	02	08												
DEC	10	06	04	10	03	10	05	12																
DEC	10	12	24	01	21	05	07	05	07	12	05	20	04	03	03	09	01	06	34	08	33	11	35	08
DEC	11	00	04	09	05	13	06	11	06	16	08	14	05	08	03	12	02	11	02	09	35	13	36	10
DEC	11	06	35	05	03	10	06	13	06	15														
DEC	12	00	05	06	04	15	05	13	06	12	07	14												

Results of Upper Wind Observations,
DAVIS 1957

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

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
FEB	12	06	28	22	28	15	28	15	30	12	31	08												
FEB	15	06	24	25	24	26	23	19	23	19														
FEB	16	12	23	53	23	38	24	29	24	24	26	16												
FEB	17	06	20	28	22	25	23	22	23	20														
FEB	18	06	24	17	24	17	21	17	24	14	27	11												
FEB	19	12	26	10	24	11	22	08	24	10	23	04												
FEB	20	06	22	09	22	10	21	12	23	08	24	09												
FEB	21	06	23	11	22	12																		
FEB	26	06	27	15	27	16	26	15	27	14	27	14												
MAR	09	10	26	40	26	45	26	39	27	30														
MAR	10	06	26	91																				
MAR	13	06	22	20	23	19	24	21	24	21	25	25												
MAR	14	06	23	63	24	60	25	34	25	35	25	23												
MAR	17	06	29	31	29	31	29	31	29	26	29	28												
MAR	23	06	26	21	26	23	25	22	25	24														
MAR	24	12	25	54	25	58	25	58	24	58														
MAR	29	06	25	25	25	30	25	28	25	30	25	30												
APR	01	06	29	07	29	13	28	15	28	26	28	28												
APR	02	12	26	23	26	24	26	36	27	28														
APR	03	06	26	28	26	31	26	31	27	38														
APR	04	06	25	19	27	20	27	23	26	22														
APR	06	06	27	80	26	65																		
APR	10	09	26	35	27	41	27	35																
APR	13	06	25	22	25	26	25	33																
APR	15	06	27	20	27	27	26	31																
APR	16	06	23	22	23	21	24	27																
APR	18	06	26	11	26	18	26	20																
APR	19	06	33	16	32	12																		
APR	20	09	25	15	26	23	26	20	26	26														
APR	23	06	23	07	24	10	22	09																
APR	24	06	10	08	08	05	16	03	22	13														
APR	28	06	24	02	26	06	26	10																
APR	29	06	26	10	28	14	27	15																
MAY	01	06	26	09	26	12	27	14																
MAY	02	06	24	07	26	10	26	13	26	18														
MAY	03	06	26	12	27	16	27	22	28	23	29	32												
MAY	04	06	29	23	27	24	27	21																
MAY	05	06	26	31	26	40	26	41																
MAY	07	06	29	31	29	35	29	48																
MAY	08	06	28	20	28	29	27	31																
MAY	09	06	28	23	28	34	27	40	28	42														
MAY	11	06	28	50	28	45	28	42																
MAY	16	06	28	22	28	28	29	33																
MAY	19	06	28	38	28	37	29	40																
MAY	20	06	27	50	28	50	28	48																
MAY	27	06	19	20	23	13	24	22																
MAY	31	06	32	22	30	24																		
JUN	10	06	23	30	23	26	25	25																
JUN	11	06	19	59	20	56	21	52																
JUN	12	06	20	61	22	40	23	46																
JUN	25	06	01	28	33	20	30	28																
JUN	28	06	03	24	01	18																		
JUL	06	06	36	13	33	15	31	18																
JUL	07	06	32	12	32	15	32	17																
JUL	08	06	29	13	29	12	29	12																
JUL	09	06	25	25	26	28																		
JUL	10	06	26	23	26	25	26	33																
JUL	11	06	28	36	28	40	28	40																
JUL	14	06	26	30	26	37	26	38																
JUL	20	06	31	15	29	24	29	31																
JUL	21	08	26	35	26	44																		
JUL	22	06	27	56																				
JUL	23	06	30	45	30	53	30	53																
AUG	03	06	23	36	22	39																		
AUG	04	06	20	28	21	42	23	60																
AUG	05	06	24	30	24	39	24	47	25	51														
AUG	06	06	25	32	25	33	25	43																
AUG	07	06	24	34	24	41	25	53	25	65														
AUG	08	06	25	24	26	36	27	50																
AUG	09	06	33	17	32	28	31	41																
AUG	12	06	30	13	25	17	25	19																
AUG	13	06	20	05																				

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
[illegible]	15	09	26	45	27	50	27	59																
[illegible]	22	06	33	09	30	26	30	38																
[illegible]	24	06	22	17	22	24	23	32																
[illegible]	26	06	22	33	23	27	23	33																
SEP	01	06	36	10	31	15	29	27																
SEP	02	06	23	05	26	09																		
SEP	03	06	24	31	25	37	25	38																
SEP	04	00	25	32	26	35																		
SEP	04	06	27	30	27	34																		
SEP	05	00	27	30	27	33																		
SEP	05	06	28	31	28	33																		
SEP	07	06	31	15	30	20	29	23																
SEP	09	06	35	20	33	23	31	32																
SEP	10	00	01	24	01	22																		
SEP	10	06	02	32	01	28																		
SEP	11	00	01	27	01	25	35	16																
SEP	11	06	36	29	34	20																		
SEP	12	00	31	23	30	24	29	37																
SEP	12	06	30	30	29	33	28	37	28	40														
SEP	13	00	30	80	29	62	28	50																
SEP	13	09	28	33	26	39	26	50																
SEP	20	00	07	27	07	41	07	50	06	62														
SEP	20	06	23	05	27	13	27	12																
SEP	21	00	23	22	24	28																		
SEP	21	06	23	27	24	30	25	34																
SEP	22	00	24	42	25	48																		
SEP	22	06	23	45	24	43	25	50	26	50														
SEP	24	12	36	11	34	06	32	15																
SEP	25	06	04	10	02	07																		
SEP	26	00	15	04	27	06	28	12																
SEP	27	06	04	06	29	10	28	14																
SEP	29	06	27	16	27	25	27	35	27	43	27	50												
SEP	30	00	27	30	28	30	29	44																
SEP	30	06	29	31	29	41	29	46	29	56	29	75												
OCT	04	06	21	25	22	25	24	34																
OCT	05	00	19	45	21	43	21	45																
OCT	05	06	20	54	21	52	22	50																
OCT	06	00	21	67	22	68	22	67																
OCT	06	06	21	76	22	74																		
OCT	07	00	22	73	23	68	24	70																
OCT	07	06	23	68	23	75	23	66																
OCT	08	00	25	68	25	68	25	80																
OCT	08	06	26	58	26	65	26	83	26	85														
OCT	12	00	31	08	28	20	28	39	27	60														
OCT	12	06	29	09	28	26	27	46	27	63														
OCT	13	00	28	19	28	36	28	46	28	73	29	85												
OCT	13	06	30	24																				
OCT	14	00	29	13	30	16	29	32	29	51														
OCT	14	06	29	10	29	22	28	35																
OCT	15	00	27	13	27	26	27	43	27	59														
OCT	16	00	27	20	27	29	27	40																
OCT	16	06	26	21	27	30	27	38																
OCT	17	00	25	33	26	40	26	43	26	45														
OCT	17	06	26	33	26	41	26	39	26	44														
OCT	18	00	27	43	27	48	27	46																
OCT	18	06	27	50	27	51	28	55	28	57														
OCT	23	00	34	15	28	17	26	39	26	60														
OCT	23	06	29	12	27	30	26	46	26	65														
OCT	24	00	22	20	23	30	25	48	25	65														
OCT	24	06	23	23	25	40	26	50	26	73														
OCT	25	00	25	37	26	37	26	53																
OCT	25	06	26	33	26	37																		
OCT	26	00	27	38	28	40	29	50	29	66	29	70												
OCT	26	06	27	38	28	42	28	54																
OCT	27	00	28	61	29	57	29	60	28	64														
OCT	31	06	29	35	30	43	30	51	30	56														
NOV	01	00	29	44	29	40	29	39	27	53	25	60												
NOV	01	06	30	43	29	40	28	45	27	42														
NOV	02	00	26	40	26	46	26	53	26	55	26	47												
NOV	02	06	26	48	26	50	26	54	25	52														
NOV	03	06	26	45	26	46	27	45	27	38	26	33												
NOV	04	06	29	40	29	37	30	35	30	24														
NOV	05	00	31	44	31	43	32	38	32	35														
NOV	05	06	32	44	32	43	32	44	32	41														
NOV	07	00	32	12	31	22	32	31	32	30	32	29												
NOV	07	06	30	16	31	25	32	33	32	35														
NOV	08	00	28	23	29	23	31	24	32	29														
NOV	08	06	28	19	28	27	31	25	32	29	31	23												
NOV	09	00	28	18	31	25	32	26	33	23	35	27												
NOV	09	07	30	21	31	23	34	29	33	31	32	28												
NOV	10	12	32	23	31	26	31	24	33	23														
NOV	14	06	28	11	29	12	33	10	34	11														

Results of Upper Wind Observations,
DAVIS 1957

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
NOV	15	12	26	18	26	14	27	10	28	07														
NOV	16	00	32	17	32	15	31	16	31	10	35	11												
NOV	16	06	33	21	33	17	33	14	33	12	35	10												
NOV	17	12	29	13	33	18	36	21	36	18														
NOV	18	06	26	19	28	18	33	14																
NOV	19	00	27	23	27	16	27	13	27	10	28	06												
NOV	19	06	28	18	27	17	27	11	27	06														
NOV	20	06	26	29																				
NOV	20	12	26	30	27	23	28	15																
NOV	21	00	26	22	27	19	30	17	36	09														
NOV	21	06	27	22	27	21	31	13	34	15	35	08												
NOV	22	06	22	51	24	21	28	11	36	07	04	13												
NOV	23	00	21	36	18	17	13	09	13	10														
NOV	23	06	20	36	17	14	16	09	13	06														
NOV	24	00	10	29																				
NOV	24	06	10	25	10	23	08	22																
NOV	28	00	10	03	05	05	07	08	07	12	07	12												
NOV	28	06	03	02	04	03	05	08	07	10														
NOV	29	00	29	05	36	06	04	08																
NOV	29	06	32	10	36	07	02	07	04	08														
NOV	30	00	34	07	36	09	05	09																
NOV	30	06	35	11	02	09	03	12	05	09	05	11												
DEC	01	00	34	02	01	06																		
DEC	01	12	29	05	28	04																		
DEC	03	00	21	13	22	13	20	12	18	10														
DEC	03	06	24	14	22	12	22	10	17	05														
DEC	06	12	36	06	30	03	08	08	27	01	19	05												
DEC	07	00	33	09	05	05	01	03	11	03														
DEC	07	06	31	05	36	10	36	06	05	05														
DEC	09	00	35	05	03	07	03	07	04	04	04	06												
DEC	10	12	35	05	34	04	36	03	04	04	09	06												
DEC	11	00	02	13	04	06	05	05	05	06	08	09												
DEC	12	12	08	07	08	08	08	11	08	10														
DEC	13	00	08	13	08	12	08	13																
DEC	13	06	07	12	08	13	07	13	05	10														
DEC	15	06	07	08	09	05	06	08	05	07	04	07												
DEC	16	01	09	08	11	07	09	06																
DEC	16	06	10	10	09	07	06	06	06	07														
DEC	17	00	10	10	10	12	09	10																
DEC	17	06	08	07	09	10	08	11	06	07	06	10												
DEC	18	00	05	15	05	16	05	15	04	15	06	12												
DEC	18	06	04	17	05	20	05	16	04	15														
DEC	19	06	05	20	04	18	05	16	04	13	04	12												
DEC	21	00	02	18	01	16	01	12	03	10	03	11												
DEC	21	06	02	14	02	15	01	13	04	07														
DEC	23	00	32	17	32	17	32	12	33	08														
DEC	23	12	31	14	31	14	31	12																
DEC	25	00	29	09	28	06	27	05	32	03	12	02												
DEC	25	06	30	08	27	09	27	06	25	02														
DEC	30	00	22	06	26	05																		
DEC	30	06	23	05	25	05	28	05	31	04														
DEC	31	00	14	09	21	08	22	07	24	05	21	10												
DEC	31	06	20	05	20	06	20	03	23	05														

Results of Upper Wind Observations,
MACQUARIE 1957

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	10	12	13	09	16																		
JAN	01	18	14	01	08	06	07	04	21	06														
JAN	02	04	34	03	34	09	35	11																
JAN	02	10	34	03	34	09	36	15																
JAN	02	16	01	11	35	18	36	22																
JAN	03	22	00	00	10	04	34	06	34	08	33	12	31	15	32	15	33	24	30	43	30	50	31	46
JAN	04	22	09	02	01	09																		
JAN	05	10	29	10	27	19	28	12																
JAN	05	16	30	12	30	13	30	11																
JAN	05	23	35	19	35	29	33	41	33	31														
JAN	06	05	33	21					31	30	31	39	31	42	31	42	31	57	31	70				
JAN	06	07	33	18	30	21	30	29	31	31	31	34	31	37	31	55	29	68	30	68	30	98	30	78
JAN	06	23	35	22	35	35																		
JAN	07	10	36	16	35	24																		
JAN	08	00	35	09	01	19	36	23	36	24	01	29			01	27	36	22	34	25	35	25	01	39
JAN	08	10	35	24	35	34																		
JAN	09	04	36	06	01	17	01	17	01	19	01	23	36	20	01	21	36	25						
JAN	11	04	35	22	35	32	34	49	34	45														
JAN	11	07	31	42	31	66																		
JAN	11	09	31	29	30	24	29	39	29	42	29	41	31	34	31	37	32	52	33	59	33	56	33	49
JAN	11	17	32	21	32	27																		
JAN	11	23	31	21	31	30	30	32	30	34	30	36	31	36	31	47	30	55	30	43	29	53	30	51
JAN	12	04	31	23	31	27	29	40	29	39	29	40	30	43	29	50	29	61	30	48				
JAN	12	10	31	18	30	26	28	32																
JAN	12	17	29	22	28	31	28	39	29	38														
JAN	12	23	33	17	32	20	31	21	30	23	30	29	29	35	29	39	29	58						
JAN	14	04	28	22	28	27	27	35	27	35	26	42												
JAN	14	10	32	16	31	24	30	26																
JAN	15	04	35	12	33	14																		
JAN	16	07	22	16	20	17	21	27	22	34									22	39	22	41	22	39
JAN	16	10	22	04	23	17	23	21																
JAN	16	23	28	11	27	17	26	21																
JAN	17	04	31	14	31	18	30	22	29	25	28	29												
JAN	17	17	30	16	28	21	28	26																
JAN	18	02	29	23	28	27	27	36	27	38	26	36	26	34	26	44								
JAN	18	04	27	26	26	36	25	37	26	35	26	40	25	41	25	47								
JAN	18	10	29	26	27	37	27	36																
JAN	18	17	30	16	29	24	29	23	28	26														
JAN	19	22	28	35	27	40																		
JAN	20	04	27	41	26	43	25	54																
JAN	20	10	28	26	27	30																		
JAN	20	23	29	27	28	33	28	36	29	42	28	42	29	39	29	51								
JAN	21	09	30	32	29	28																		
JAN	21	18	26	27	27	37	26	43	26	35														
JAN	21	23	29	24	27	28	27	39																
JAN	22	07	31	18	30	23	29	32	29	25	29	29	28	44	26	46	25	58	25	71	25	85	26	58
JAN	23	23	32	13	31	17	30	26	30	26	31	26	31	30	32	39	34	61	34	95				
JAN	24	04	32	12	32	22	31	23	31	23	31	22	31	27	33	30	33	39	35	38	35	87	34	68
JAN	24	13	33	11	31	20	31	22	31	22	31	24												
JAN	24	18	32	11	30	17																		
JAN	24	23	32	14	31	19	31	17	31	24	30	25	32	25	32	31	32	33	32	34	32	36	31	43
JAN	25	04	33	12	32	21	31	21	32	24	32	25	31	23	31	32	31	41	31	35	31	45	31	48
JAN	25	09	34	07	32	13	32	18	32	18	32	19												
JAN	26	04	23	21	24	21	23	33	23	36														
JAN	26	09	28	21	26	29	27	29	27	35	27	33												
JAN	26	17	31	20	29	22	29	29	29	30	28	31												
JAN	27	04	26	11	24	17	23	18	23	19	23	21	24	26	24	40								
JAN	27	08	27	21	25	24	24	25	25	21	24	32	24	49	23	63								
JAN	28	04	27	25	26	34	25	40	25	42	25	46	26	65										
JAN	29	23	29	31	28	47	28	59																
JAN	30	01	30	31	29	36	28	50	27	54	28	66												
JAN	30	04	31	22	29	34	28	37																
JAN	31	04	29	28	28	39	27	45	27	48	28	48	28	36	28	54	28	48	28	51	28	54	28	65
JAN	31	10	28	26	27	33																		
JAN	31	17	28	26	26	34																		
JAN	31	23	31	26	30	33	29	49																
FEB	01	04	27	28	26	32	25	39	25	44	25	39	25	41										
FEB	01	09	29	18	28	24	28	27																
FEB	02	22	30	08	26	10																		
FEB	03	04	17	04	18	07																		
FEB	03	22	16	32	15	46	15	18																
FEB	04	04	16	32	16	35	15	41	14	28	14	28												
FEB	04	09	15	36	15	57																		
FEB	04	18	14	24	14	21																		
FEB	04	22	13	20	13	22																		
FEB	05	04	13	11	13	15																		
FEB	05	09	12	02	05	06																		
FEB	05	19	32	14	31	17	30	16																
FEB	06	04	27	23	25	29	23	33	23	30	23	34	24	33	26	37	29	34	33	44	31	46	30	34
FEB	06	10	27	19	25	22																		
FEB	06	23	28	26	26	56																		
FEB	08	04	29	05	26	16																		
FEB	08	09	27	12	27	18																		
FEB	08	19	32	01	32	09																		
FEB	08	23	01	08	34	12	33	07	32	18														

Results of Upper Wind Observations,
MACQUARIE 1957

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	09	04	01	15	35	20																		
FEB	11	04	34	19	33	30																		
FEB	11	09	33	16	30	27																		
FEB	11	18	29	18	28	21	27	26	27	46														
FEB	11	23	31	18	29	23	28	27	29	27														
FEB	12	04	33	23	33	31	32	33																
FEB	16	04	34	19	34	29																		
FEB	17	19	28	15	26	23																		
FEB	17	22	29	23	29	24	26	32																
FEB	18	04	28	21	27	24	27	31	27	31	27	32	26	34	26	53	28	71	28	80	28	85	28	78
FEB	18	05	28	26	27	27	27	34									27	69	28	85	28	93	28	69
FEB	18	18	28	23	26	41	26	26																
FEB	18	23	27	23	26	29	26	33	26	50														
FEB	19	04	29	23	27	30																		
FEB	19	15	32	10	31	13	30	24	29	32														
FEB	20	06	30	34	28	33																		
FEB	20	19	29	28	28	41	28	59																
FEB	20	23	29	31	29	36	28	42	28	60	27	59	28	48	28	78								
FEB	21	04	30	27	29	32	29	53	28	57	28	69	27	75	27	76	28	80						
FEB	21	09	29	32	28	51																		
FEB	21	16	29	23	27	42	27	39																
FEB	21	23	27	27	25	45	25	57																
FEB	22	05	27	24	25	25					24	40	24	44	23	48								
FEB	22	13	29	16	28	24	29	26																
FEB	23	04	26	19	26	26	27	26	27	30	28	36	29	47										
FEB	23	06	30	11	28	20	27	20	28	26	28	27	29	46	29	59	28	87	27	99	27	35		
FEB	23	09	31	10	31	18																		
FEB	24	11	33	16	32	23	30	36																
FEB	24	19	29	34	29	53	29	48																
FEB	24	23	30	33	30	38																		
FEB	24	23	29	47	29	45																		
FEB	25	04	29	29	29	34	29	42	29	39	29	42	29	42	30	33								
FEB	25	09	30	26	29	27																		
FEB	25	23	23	13	22	18	22	57																
FEB	26	04	26	18	26	31	26	24																
FEB	26	05	29	19	25	26	25	28	25	29														
FEB	27	23	27	35	26	59																		
FEB	28	04	27	33	25	60	23	43																
FEB	28	10	28	16	25	31																		
FEB	28	16	28	08	25	21																		
FEB	28	23	01	11	01	17																		
	01	23	29	26	28	41	28	34																
	02	04	30	26	29	34	29	41	28	43	28	45			30	62	31	74						
	02	11	34	26	32	33																		
	03	04	34	28	33	25																		
	03	11	32	17	29	30	29	30																
	03	16	32	17	31	24	31	30																
	03	24	31	15	29	23	29	26	29	24	28	25	29	28										
	04	01	28	18	28	17	28	21			27	21	27	25										
	04	04	28	22	25	25			25	25							23	45			27	41		
	04	10	30	19	28	24	28	30	27	29	26	36	26	32										
	05	04	30	21	26	33																		
	05	11	30	11	28	22																		
	05	16	29	17	28	24	27	22																
	05	23	28	17	26	28	26	17																
	06	04	27	11	26	16	25	17	26	15														
	06	05	27	17	26	12	23	17	25	16	26	21	27	36	26	45	27	63						
	06	10	28	03	29	09	27	14	27	18	26	26												
	06	16	32	14	32	17	32	16																
	06	23	32	16	32	17	31	16	30	11	31	17	29	20	28	27	27	33	26	33				
	07	04	35	18	32	23	32	19	32	20	32	25	32	13	30	26	30	28	29	32	27	38	26	35
	07	11	34	24	34	30	32	25																
	07	15	34	22	33	24																		
	08	04	33	23	33	19																		
	09	04	28	11	25	21																		
	09	10	28	11	27	07																		
	12	04	28	22	26	33																		
	12	10	26	23	27	22	26	12																
	12	16	31	12	30	10																		
	12	23	33	13	35	12																		
	13	04	34	13	36	19	36	24	36	22														
	13	15	35	10	35	19																		
	13	23	35	12	35	17																		
	15	09	04	06	05	17																		
	16	04	31	44	30	52																		
	16	16	28	25	27	53																		
	17	12	31	22	30	33																		
	17	15	31	23	30	31	30	34																
	17	23	31	21	30	28	29	44																
	18	04	32	21	30	25	29	37					30	35										
	18	06	32	22	30	21	29	30	29	28	30	24	30	32	30	41	30	57	30	70	31	70		
	18	11	31	13	29	22																		
	18	16	29	09	28	15	30	21	31	19														
	18	23	16	08	16	03	19	05																

Results of Upper Wind Observations,
MACQUARIE 1957

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
**	19	06	16	24	16	27																		
**	19	11	17	27	18	34	18	42			15	10												
**	19	15	19	25	19	24	19	43																
**	19	23	19	23	20	32	19	57																
**	20	04	19	22	20	34	21	41	21	43					21	27	19	59	20	57			21	18
**	20	10	18	11	22	21																		
**	20	16	28	19	27	26																		
**	20	23	26	21	26	32	26	33	27	35														
**	21	04	27	19	27	26																		
**	21	10	27	28	27	50	26	56	26	45	27	30												
**	21	15	27	26	26	42	26	60																
**	22	05	22	07	23	28	23	45																
**	22	10	24	11	23	33																		
**	22	15	25	11	23	18																		
**	22	23	27	27	25	34	26	40																
**	23	04	26	21	24	30											22	53	21	75				
**	23	15	30	25	29	36	29	33																
**	24	04	31	31	29	31																		
**	25	04	32	17	32	18																		
**	26	04	33	32	32	34	30	49	30	47														
**	28	07	31	24	31	19	30	24	30	25	32	26												
**	28	09	33	11	31	11	31	12																
**	28	23	26	21	25	38																		
**	29	04	27	26	25	37	25	28																
**	29	10	28	26	28	37																		
**	29	15	28	31	27	72																		
**	29	23	27	23	26	44	25	37																
**	30	04	26	24	26	32	26	23																
**	30	10	28	12	25	18																		
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**	31	10	33	25	31	31	29	42																
**	31	15	34	26	32	28	30	37																
**	01	04	32	14	29	20																		
**	01	10	33	19	31	25																		
**	01	16	32	14	31	19	30	22																
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**	02	05	28	23	26	32	24	35	25	57														
**	02	11	29	18	27	25																		
**	02	23	20	11	20	23	21	28	22	23	24	19	25	25			24	23						
**	03	04	22	12	21	31																		
**	03	11	23	12	22	15	23	27																
**	03	18	22	08	22	09	22	21																
**	03	23	27	07	26	13			24	13	23	17	22	23	22	31			22	41	20	51	21	55
**	04	05	26	07	27	19																		
**	04	11	32	18	32	19																		
**	05	04	31	09	25	02	29	12																
**	06	03	28	13	26	08	23	25	23	24	24	35	26	33	28	49	27	49						
**	06	11	29	17	26	27	26	36	27	37	19	03												
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**	07	05	31	31	30	36																		
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**	08	05	31	28	30	42																		
**	08	23	33	32	32	44																		
**	09	04	28	15	27	20	28	26	28	29	29	37	28	55	28	61	28	69						
**	09	11	31	17	30	24	29	16																
**	09	12	32	14	31	19	31	19	30	32	30	25												
**	09	18	33	11	32	18																		
**	09	23	33	28	32	31																		
**	10	23	30	24	27	30	27	38	27	47	27	43	28	45										
**	11	05	30	32	28	29	28	51																
**	11	12	31	23	28	38																		
**	13	11	27	18	25	26	25	29																
**	13	17	27	20	27	24	25	27																
**	14	01	29	18	27	25	28	25	28	22														
**	14	12	28	24	27	28	27	41																
**	14	17	28	26	26	36																		
**	14	23	29	22	27	24	26	36	27	45	26	49	26	50										
**	15	11	32	23	30	34																		
**	16	00	29	26	24	29	24	38	23	35	24	35												
**	16	05	27	14	24	21	23	35																
**	16	11	20	09	20	17	20	16																
**	16	17	25	04	25	10	25	12																
**	16	23	28	09	26	17	23	15	25	18	24	16	23	16	23	16	23	35	24	39	25	46	26	58
**	17	04	29	13	27	15	25	21	24	16	21	11	25	21	21	11	22	21	23	33	24	40	24	43
**	17	11	29	12	26	20	26	26	25	17	27	16												
**	17	17	28	24	26	20																		
**	17	23	28	26	27	31	28	26	26	21	26	23					28	13			04	03	25	03
**	18	18	00	00	24	10																		
**	18	23	25	13	23	21	21	17	22	17	21	19	22	17	21	18								
**	19	04	25	17	21	08	21	14	22	13	22	14	22	22	21	13	22	16	22	15	23	13	23	13
**	19	23	00	00	21	09	23	12	24	11	22	09	22	16	26	22	25	21	25	25	25	35	25	31
**	20	06	26	07	25	09																		
**	20	17	29	20	27	29																		
**	20	23	28	26	27	38	26	35	26	38	25	43												
**	21	23	34	12	32	10																		
**	22	06	33	20	32	17																		
**	22	11	33	12	31	16																		
**	22	23	32	04	27	09																		

Results of Upper Wind Observations,
MACQUARIE 1957

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	23	04	31	07	29	06	32	11	31	10	31	08	27	15	27	21	27	20	27	17	26	20	26	33
APR	23	11	00	00	33	04	34	09	34	13														
APR	25	05	35	05	30	11	28	19																
APR	25	17	34	18	32	26																		
APR	25	23	35	15	33	19																		
APR	26	05	33	11	30	20	30	20																
APR	26	10	31	16	29	24																		
APR	27	05	28	21	26	33	25	20																
APR	27	11	30	27	28	22																		
APR	28	00	29	14	27	21	28	17	28	18	27	30	26	31	27	34	27	47	28	46	28	59	28	38
APR	28	04	33	06	31	07	32	09	32	10	30	22	29	32	29	40								
APR	28	23	34	23	34	31	33	35	33	40	34	47	34	41	34	39	34	39	35	41	34	57	34	41
APR	29	11	32	26	30	31	31	34																
APR	29	17	31	16	29	16																		
APR	29	23	27	11	26	13	26	13	25	14	25	17	31	25										
APR	30	05	29	13	29	17	29	20																
APR	30	10	33	13	33	18	33	15	30	22	29	24												
APR	30	14	36	14	34	26	32	31	32	24	31	24												
APR	30	18	36	08	34	18	33	23																
APR	30	23	01	15	36	22	01	14	35	21	34	20	33	14	32	30	32	41	32	37	32	44		
MAY	01	05	02	02	02	18																		
MAY	01	23	32	03	32	10																		
MAY	02	14	34	13	32	22	32	21	32	28														
MAY	02	23	28	23	27	29	29	21	30	26									27	22				
MAY	03	05	30	23	29	25																		
MAY	03	11	33	21	33	22																		
MAY	03	23	19	04	19	06																		
MAY	04	04	20	11	19	14	20	16	21	23	21	20												
MAY	04	09	22	09	22	13	21	25																
MAY	04	19	28	11	28	18	29	12	27	23	27	20	25	14										
MAY	04	23	33	20	32	25																		
MAY	05	05	34	25	33	30	32	38	31	35														
MAY	06	00	28	24	26	35	27	35	27	35	27	39												
MAY	06	04	30	17	29	33	29	28																
MAY	07	01	27	32	25	39																		
MAY	07	05	28	28	25	27																		
MAY	07	11	28	20	27	24																		
MAY	07	23	32	31	29	29	28	61	28	51	29	52												
MAY	08	05	29	29	27	47	26	53																
MAY	08	11	27	24	24	66																		
MAY	08	19	28	24	25	39	24	58	24	25														
MAY	08	24	21	08	22	10	24	23																
MAY	09	03	28	11	24	08	24	24	24	21	24	29	24	32	24	39	24	44	24	51	24	54	25	56
MAY	09	11	28	18	26	32																		
MAY	09	17	28	27	26	34	25	31																
MAY	09	23	27	12	25	12	24	36	24	41	25	41	24	47										
MAY	10	05	27	19	25	24	26	20																
MAY	10	17	34	12	30	18																		
MAY	11	24	28	20	26	27																		
MAY	12	01	27	19	26	24																		
MAY	12	05	30	14	29	15	30	19																
MAY	13	05	33	17	30	23	29	26	30	27														
MAY	13	11	34	22	33	27	31	34																
MAY	13	17	19	18	21	21																		
MAY	13	24	23	13	24	04	21	29	22	29	22	36	24	29	23	25	24	29						
MAY	14	05	21	11	21	10	21	20	21	30	21	30	22	30	23	29	25	26	27	25	27	23	26	27
MAY	14	11	30	27	28	34	28	27																
MAY	14	13	28	17	25	21	24	36	25	34	25	33												
MAY	14	23	28	15	26	23	26	16																
MAY	15	05	30	22	29	18																		
MAY	15	12	32	21	31	34																		
MAY	16	11	29	23	28	40																		
MAY	16	17	31	33	30	49																		
MAY	17	11	32	16	30	33																		
MAY	17	23	34	15	34	24	31	22																
MAY	18	05	34	18	34	26	34	32																
MAY	18	11	35	19	35	28																		
MAY	18	23	35	17	34	28	33	23																
MAY	19	05	01	12	35	21																		
MAY	19	11	01	11	01	17																		
MAY	19	17	02	14	36	21																		
MAY	20	10	11	08	11	13																		
MAY	20	23	01	08	01	09																		
MAY	22	17	26	17	28	22																		
MAY	22	23	26	17	26	19	26	17																
MAY	23	05	29	19	29	20	28	22	29	21	28	22	30	39	31	44	31	58	32	56	33	66	32	57
MAY	23	12	29	17	27	17																		
MAY	23	15	27	17	26	27	25	35	27	34	28	29	31	27										
MAY	23	24	31	22	29	22	27	24	27	25	27	27	26	32	26	33								
MAY	24	11	27	24	25	29																		
MAY	24	24	28	28	26	38																		

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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	25	05	27	22	25	30	25	32																
MAY	25	11	27	23	25	32	26	28																
MAY	25	17	29	18	27	23																		
MAY	25	23	35	07	35	10																		
MAY	26	03	31	20	30	23	30	32	30	28														
MAY	26	11	28	20	28	22	29	35	29	35														
MAY	27	00	23	20	24	39	23	40																
MAY	27	05	26	14	23	13																		
MAY	27	17	20	19	21	16																		
MAY	28	01	20	26	21	37																		
MAY	28	17	16	27	16	36	18	23																
MAY	28	24	19	26	19	38																		
MAY	29	04	17	32	18	32	18	29																
MAY	29	11	18	26	18	20																		
MAY	29	24	19	12	19	19	18	21																
MAY	30	05	20	06	23	08																		
MAY	30	11	23	08	23	16																		
MAY	30	17	20	14	20	17	21	31																
MAY	30	23	18	02	20	08	23	25																
MAY	31	11	27	12	25	19																		
MAY	31	23	31	11	30	20																		
JN	01	04	33	19	32	28																		
JN	01	08	33	17	31	23	28	26	29	27														
JN	01	18	28	09	24	14	25	14	26	21	26	19	25	21										
JN	01	22	30	12	27	19	26	25	25	23	26	25	27	35	26	41	24	48	23	50				
JN	01	23	31	19	29	25																		
JN	02	05	31	19	28	27	27	26																
JN	03	23	30	33	29	41																		
JN	04	04	28	34	27	31																		
JN	05	02	26	24	24	31																		
JN	05	11	22	09	22	16																		
JN	06	11	28	19	27	30																		
JN	06	23	28	27	26	37																		
JN	07	11	32	16	29	29																		
JN	08	05	30	18	28	27																		
JN	08	11	29	22	28	30																		
JN	08	23	33	12	32	17																		
JN	09	05	19	03	18	02																		
JN	09	23	19	20	19	19																		
JN	10	05	18	12	18	13																		
JN	10	11	31	09	33	13																		
JN	11	00	28	35	25	47																		
JN	11	05	21	13	22	37																		
JN	11	11	27	18	25	27																		
JN	12	00	28	19	27	32	26	30	26	36	25	45	25	63										
JN	13	17	28	25	26	37	26	41																
JN	13	23	28	11	23	14	26	16	27	18														
JN	14	05	21	09	22	17	23	25	24	35														
JN	14	11	21	12	22	17																		
JN	14	17	25	04	25	11	26	13	26	12														
JN	14	23	35	24	35	27																		
JN	15	04	28	19	26	27	25	23	25	25	25	33	23	38										
JN	15	11	31	26	30	33																		
JN	17	17	32	18	29	31																		
JN	18	00	31	27	30	42	29	44	29	37														
JN	18	05	32	32	30	40																		
JN	18	11	30	18	29	25																		
JN	19	01	32	15	31	25	29	22																
JN	19	23	28	23	26	32	25	26	25	32	25	33												
JN	20	05	28	27	27	49																		
JN	21	00	25	15			24	45																
JN	21	05	27	22	24	21																		
JN	21	17	20	13	22	16																		
JN	22	01	23	12	24	17	23	28	24	41														
JN	22	05	28	16	23	21																		
JN	22	17	30	18	27	19	28	27																
JN	23	00	28	14	25	16	25	29	26	24														
JN	23	05	28	12	24	12	24	33																
JN	23	12	22	17	23	23																		
JN	24	11	28	14	26	25	26	21																
JN	24	11	28	14	26	25	26	21																
JN	25	03	27	18	24	23																		
JN	25	03	27	18	24	23																		
JN	25	11	24	15	24	22																		
JN	25	18	24	08	24	18																		
JN	25	23	29	14	29	22	27	19																
JN	26	04	30	22	29	14																		
JN	26	11	31	17	31	25	29	24	28	28														
JN	26	18	32	13	32	18	31	23	31	17	31	30	29	18										
JN	27	00	00	00	32	05																		
JN	27	04	00	00	05	12																		
JN	28	04	22	15	20	14																		
JN	28	11	18	13	19	21																		
JN	28	18	16	05	15	09	15	09																
JN	28	23	35	08	01	11	02	13	03	15														

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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
JN	29	04	36	16	34	12	34	17	29	16	27	18	30	23										
JN	29	07	34	16	34	18	32	17	30	25	28	17												
JN	29	23	03	13	36	25	01	21	36	24														
JN	30	05	35	06	03	12																		
JN	30	18	14	19	11	22																		
JL	02	01	18	14	19	25																		
JL	02	12	28	12	26	31																		
JL	03	00	25	17	24	33	23	29	22	25	22	28	22	35	22	40	23	40	22	32	22	36	21	34
JL	04	05	32	11	32	28	32	37	32	35														
JL	04	11	34	17	33	32																		
JL	04	23	32	21	32	27	30	35	32	31					32	51	33	72	33	92	33	88	33	67
JL	05	04	32	27	32	29	31	32	31	36	32	42	32	48										
JL	05	11	30	23	28	42	28	29																
JL	05	15	28	25	25	28	23	16																
JL	05	18	28	18	25	33	25	24	25	35														
JL	06	00	28	19	27	28	25	34	27	39	26	40												
JL	06	05	28	25	26	27																		
JL	06	12	27	20	25	33	25	17																
JL	06	17	27	12	25	22	25	19																
JL	07	00	16	08	15	07																		
JL	08	00	29	17	28	27																		
JL	08	05	28	20	27	35																		
JL	08	23	27	22	26	33																		
JL	10	00	32	17	32	22	31	30	31	25	30	20	29	20	31	25	31	27						
JL	10	05	33	22	33	27																		
JL	10	23	27	23	26	31																		
JL	11	03	29	26	30	22	29	28	28	30	28	35	29	36										
JL	11	10	32	34	32	31	30	64																
JL	11	18	27	28	27	28	27	44																
JL	12	01	29	26			26	42	27	47	27	50	27	51	27	61	27	91	27	91				
JL	12	05	27	16	26	26																		
JL	12	10	31	23	30	27																		
JL	13	00	32	29	31	38																		
JL	13	12	31	23	29	33																		
JL	13	14	28	21	28	37	28	43	29	60														
JL	13	23	27	11	26	13	26	15	28	23														
JL	14	05	14	11	12	13																		
JL	15	00	19	46	17	49	18	33																
JL	15	04	19	26	19	31	19	35	18	42	19	45	20	35	20	37	22	23	23	31	18	42	22	31
JL	15	11	28	23	25	36	24	58	24	35														
JL	16	00	25	06	24	11	22	22	22	25	21	30	20	30	21	30								
JL	16	05	25	08	22	11	23	16																
JL	16	11	23	02	24	09																		
JL	16	18	19	04	22	09																		
JL	16	23	21	02	21	04	27	04	28	07	30	07	31	07	30	06	29	10	29	15	28	20	28	24
JL	17	05	02	01	35	05	34	05	31	08	31	16												
JL	17	10	36	04	36	14	34	14	34	20	32	18	31	13	31	15								
JL	17	15	35	13	34	16	34	25	32	25														
JL	17	23	36	10	35	19											31	11	31	18	34	30	34	35
JL	18	05	36	13	25	17																		
JL	19	00	34	18	34	22																		
JL	19	23	29	21	27	29	28	23	29	30	30	33	31	39	32	62	32	76						
JL	20	05	29	20	28	33	28	25	28	27														
JL	20	11	30	26	29	29																		
JL	20	23	28	13	27	17	24	17																
JL	21	05	28	19	26	17																		
JL	21	11	29	22	28	34																		
JL	21	23	30	32	29	36																		
JL	22	04	30	33	29	33																		
JL	24	00	27	28	25	39																		
JL	24	05	29	24	24	26																		
JL	24	10	29	23	25	19																		
JL	24	18	23	11	22	19																		
JL	25	00	23	09	24	21	24	39					23	57			23	04						
JL	25	11	28	31	24	28																		
JL	27	00	19	16	20	24	20	28																
JL	27	05	19	12	21	11																		
JL	27	11	28	15	26	26																		
JL	27	23	29	23	29	30																		
JL	28	01	30	25	29	33																		
JL	28	05	30	24	28	27	28	27																
JL	28	14	31	28	30	38	29	33	28	35														
JL	28	18	31	24	31	39	29	36	28	35	26	28												
JL	28	23	31	23	31	33	29	30	31	24	29	22	29	25										
JL	29	11	33	25	33	28																		
JL	29	17	33	30	34	32																		
JL	30	05	31	31	28	39																		
JL	30	11	33	21	32	25	32	39																
JL	30	23	31	32	30	39	28	51	28	57	29	67												
JL	31	03	31	27	29	32																		
JL	31	16	32	29	31	44	30	60																
JL	31	23	32	32	31	26																		

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MONTH	DAY	HOUR	SURFACE		1000 FEET		3000 FEET		5000 FEET		7000 FEET		10,000 FEET		15,000 FEET		20,000 FEET		25,000 FEET		30,000 FEET		35,000 FEET	
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt
AUG	01	05	32	27	31	35																		
AUG	01	11	33	30	33	43																		
AUG	01	17	33	30	33	37																		
AUG	02	01	33	29	33	36	31	52																
AUG	03	23	17	16	18	18	24	07																
AUG	04	02	22	01	23	12	27	11	26	21	29	25	30	41										
AUG	04	05	30	18	29	16																		
AUG	04	11	32	27	32	38																		
AUG	04	17	31	23	28	36																		
AUG	04	23	28	24	27	37	26	37	26	38	26	36	26	62										
AUG	05	01	27	24	27	25	27	29	26	28	26	27	26	54	27	49	26	63	25	77	25	94	25	10
AUG	05	05	31	18	30	23	29	30	28	32	26	33	27	51	26	54								
AUG	06	00	31	17	31	26	30	27																
AUG	06	01	32	23	31	29	31	29																
AUG	06	04	32	19	31	28	31	29	31	25	29	29			28	32								
AUG	06	10	34	30	33	26	33	45																
AUG	07	11	30	05	29	12																		
AUG	07	17	34	06	32	10	32	14																
AUG	08	05	33	16	33	30																		
AUG	08	06	33	18	32	36	34	37																
AUG	12	05	15	08	16	09	14	05																
AUG	12	05	16	09	16	09	15	09	15	13	15	04	27	03					04	03	06	04	03	10
AUG	12	10	17	07	17	10	13	04	16	10	19	05	20	05	29	03								
AUG	12	15	17	03	17	05	21	06	22	05	23	08	28	08	30	06								
AUG	12	23	30	03	24	08																		
AUG	13	05	31	04	30	08																		
AUG	13	23	29	05	25	08	23	11	23	18														
AUG	14	05	28	06	28	12	28	16																
AUG	14	14	18	09	19	13	19	18	18	16	18	17												
AUG	14	23	19	05	19	05																		
AUG	15	01	21	02	21	07	20	12	19	11	19	20	18	35	18	29	19	40	18	31				
AUG	15	04	25	10	24	10	22	18	20	09	20	19	18	27	20	20	20	30	19	28	17	22		
AUG	16	11	28	18	27	38	27	39	25	37														
AUG	16	15	29	17	28	26	29	18	28	27														
AUG	17	05	30	35	29	39	29	41																
AUG	17	23	29	34	26	44	27	59	27	62					28	61								
AUG	18	01	29	33	26	41	27	42	27	43	26	54	27	52										
AUG	18	06	27	27	28	31	27	35																
AUG	18	10	28	27	26	26	26	39	27	32														
AUG	19	05	25	18	23	20																		
AUG	19	11	26	21	26	26																		
AUG	19	17	24	12	23	20																		
AUG	19	23	25	12	25	27									26	47	27	60	27	79	27	78	27	66
AUG	20	12	23	01	18	07	19	12	21	19	25	22												
AUG	20	23	25	04	23	09	23	13	20	11	18	18	23	31	22	47	22	57						
AUG	21	05	32	14	32	23	31	26	32	16														
AUG	21	23	29	24	27	29	27	24			26	43												
AUG	22	23	29	32	25	37																		
AUG	23	05	28	25	23	21																		
AUG	23	11	28	25	26	31																		
AUG	23	23	28	30	24	35																		
AUG	24	23	29	26	28	33	27	30																
AUG	25	11	26	18	23	20																		
AUG	25	18	18	22	20	21																		
AUG	25	23	26	12	23	17																		
AUG	26	05	27	02	26	05	22	18	22	24	22	28												
AUG	26	11	27	13	26	26	24	20	24	30														
AUG	27	23	28	27	26	37																		
AUG	29	05	31	32	30	56																		
AUG	29	23	34	32	34	36																		
AUG	30	23	29	18	28	24	28	20	28	26														
AUG	31	04	31	13	30	16	30	19	31	21	31	23	30	29	30	38								
AUG	31	23	28	11	28	15	28	13	23	12	23	16	22	23					20	20	22	32	26	29
SEP	01	05	31	14	30	17	29	28	26	20														
SEP	01	23	31	10	29	15	29	17	31	11	30	09	29	10										
SEP	03	23	34	20	33	29	31	24																
SEP	04	23	34	32	33	40																		
SEP	05	10	27	23	27	23																		
SEP	05	16	31	23	30	23																		
SEP	06	23	32	23	31	38																		
SEP	07	05	32	22	31	28	30	31																
SEP	07	11	33	22	33	36																		
SEP	08	23	30	01	28	06	27	13	26	13					25	17	26	22	25	24	28	45	28	48
SEP	09	06	33	05	32	09	26	09	28	18	29	11	30	13	31	15	24	11	22	10	18	17	20	22
SEP	11	23	31	16	29	24	29	32	29	29	28	25	30	22										
SEP	12	23	32	18	32	24	31	25																
SEP	13	23	30	25	29	34	28	50	28	45	28	49	28	47										
SEP	14	11	28	13	23	21																		
SEP	14	18	28	20	26	29	25	37																
SEP	14	23	28	25	28	36	28	31	29	33														
SEP	15	05	29	35	29	44	28	59	28	47														
SEP	15	23	27	19	26	31																		
SEP	16	05	30	19	28	38																		

Results of Upper Wind Observations,
MACQUARIE 1957

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
SEP	16	23	31	16	30	22																		
SEP	17	10	31	12	31	19																		
SEP	18	11	27	26	25	31	26	41																
SEP	18	18	30	23	29	30																		
SEP	18	23	31	37	30	42	29	47	29	45														
SEP	19	06	28	17	27	39	27	37	27	39														
SEP	19	10	27	16	26	31	27	36	28	40	28	40	28	47										
SEP	19	15	30	29	30	38	30	48	28	45	28	45												
SEP	19	23	29	21	27	41	27	44	27	49	26	50												
SEP	20	05	30	25	28	49																		
SEP	20	23	33	33	33	34																		
SEP	21	13	29	05	27	15	25	19	28	19														
SEP	23	00	33	27	32	32	30	41	30	47	30	54	30	61										
SEP	23	06	30	37	29	47	29	47	29	60	29	52	29	54	29	65								
SEP	23	10	32	36	31	45	30	50	29	57														
SEP	23	23	31	46	29	39																		
SEP	24	05	29	21	29	33																		
SEP	24	19	25	01	24	08	26	09																
SEP	24	23	12	06	11	10	12	09	17	05	25	05	31	18										
SEP	25	03	15	16			17	17	15	16	17	17	21	05	26	05	33	15	34	35	35	29	31	26
SEP	25	12	16	15	16	26	19	16	22	22	20	21	23	19	21	13								
SEP	25	23	18	08	17	14	21	08																
SEP	26	05	11	05	11	11	11	06																
SEP	26	11	01	02	04	12																		
SEP	26	23	32	17	30	20																		
SEP	27	05	33	20	34	24	31	29	31	27	30	30			31	37								
SEP	27	11	33	18	33	27	32	37	32	32	32	33	31	25										
SEP	27	15	34	13	32	28	33	34	32	28	31	28	30	34										
SEP	27	23	35	11									35	19	33	21	33	31	33	35	32	44	31	41
SEP	28	05	34	08	32	20																		
SEP	28	06	34	11	32	20	32	19	32	27	33	30	33	29	32	33	32	37	33	47	32	54		
SEP	28	15	31	12	29	21																		
SEP	28	23	27	16	26	22					24	23												
SEP	30	05	36	17	36	22																		
OCT	01	23	19	15	20	15	20	23																
OCT	02	23	23	10	23	10																		
OCT	03	05	20	16	21	26	21	25																
OCT	04	00	28	20	27	24	24	33																
OCT	04	05	27	26	25	22	25	32																
OCT	04	23	28	22	26	26																		
OCT	05	23	33	19	32	29	30	27	29	21	30	25	29	27	28	35								
OCT	06	05	34	22	34	33	33	31																
OCT	06	23	31	20	30	23																		
OCT	07	23	16	04	17	07																		
OCT	08	23	28	09	28	12																		
OCT	09	05	33	09	33	11																		
OCT	09	15	08	04	06	14																		
OCT	10	09	30	18	29	20	28	37																
OCT	10	23	35	10	35	22	33	23							33	31								
OCT	12	05	00	00	03	07																		
OCT	12	23	15	05	18	05																		
OCT	13	18	28	12	24	17																		
OCT	13	23	27	16	26	15	24	23	25	28	25	27	25	32	24	26	26	29	25	29			25	51
OCT	15	11	27	17	26	24	25	30																
OCT	15	15	30	18	29	31	28	42																
OCT	15	23	34	17	33	22	34	20	33	21	32	19	31	18	31	32	31	37	32	45	31	59	31	63
OCT	16	05	36	13	03	13																		
OCT	16	23	36	12	36	16	34	22			34	26	35	27										
OCT	17	23	28	30	27	35	26	38	27	42	27	42	27	51	28	55	27	61	27	57				
OCT	18	06	28	17	28	18	28	24	28	27														
OCT	18	11	18	04	15	09	11	06	23	03	18	03												
OCT	18	19	00	00	23	09	23	19	25	18	24	18	25	23	28	27								
OCT	18	23	27	18	26	17	25	28	25	26	24	32	27	27	25	28	25	35	27	31	29	44	30	51
OCT	19	04	27	16	26	25	24	34	25	26	25	20	25	30	24	36	24	39						
OCT	20	23	28	37	28	37	26	51																
OCT	22	04	27	32	25	21	25	37																
OCT	22	23	30	24	28	31																		
OCT	23	05	32	20	30	30																		
OCT	23	23	32	22	31	34	29	32	29	30	30	43	29	49										
OCT	24	00	26	23	26	27																		
OCT	25	05	29	22	28	30	28	22																
OCT	25	23	30	33	29	36	28	40	28	46	28	49	28	45										
OCT	26	05	30	35	29	43	27	52	27	50														
OCT	27	00	30	28	29	34	28	46																
OCT	27	05	29	16	27	26	28	20	28	20	28	17												
OCT	27	11	30	19	30	21																		
OCT	27	23	26	14	26	17	23	17	24	25	25	24	26	29	25	35			24	30	26	32		
OCT	28	11	21	02	24	09	23	12	24	21	25	20	28	34										
OCT	28	18	29	06	30	09	30	16	29	14														
OCT	28	23	32	11	30	23	31	12																
OCT	29	02	27	03	30	10	29	10	27	08	27	15	26	18	27	27	29	24	31	21	30	26	30	20
OCT	29	06	00	00	36	02	34	07	34	09	35	12	33	13	31	17	29	24	30	15	27	15	26	22
OCT	30	00	28	22	27	19	26	20	27	18	29	20	30	23	31	21	26	27						
OCT	30	05	24	06	23	09	24	16	26	13	25	08												
OCT	30	23	23	06	23	18	22	24	22	17														

Results of Upper Wind Observations,
MACQUARIE 1957

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	31	03	29	07	28	14	24	08	25	15	25	23	24	27										
OCT	31	11	22	06	24	14	25	14	26	19														
OCT	31	18	24	02	23	11	23	10	25	16														
OCT	31	23	29	02	30	09	29	08																
NOV	01	03	31	09	30	12	26	18	26	20	25	23	26	26	26	29	27	37						
NOV	01	06	32	16	32	13																		
NOV	01	11	31	20	29	27	29	32																
NOV	01	23	27	19	26	26																		
NOV	02	04	27	12	26	21																		
NOV	02	23	28	01	31	04																		
NOV	03	08	26	02	25	03	23	12	21	16	22	21	21	23										
NOV	03	23	28	19	27	25																		
NOV	04	05	30	15	29	20																		
NOV	05	00	33	20	31	31																		
NOV	05	05	33	23	31	35																		
NOV	05	11	33	23	32	30																		
NOV	05	23	34	23	34	32	33	35																
NOV	06	05	34	18	35	31	34	33																
NOV	08	18	00	00	31	05	29	07	25	07	30	08	30	09	28	09								
NOV	08	23	33	07	33	14	36	11	34	13	34	12	34	14										
NOV	09	03	35	11	35	13	34	13	35	14	33	13	35	11	34	07	33	07	33	03	08	07		
NOV	09	07	35	13	35	15	33	19	27	12	32	14	32	12										
NOV	09	23	27	16	25	21																		
NOV	10	04	27	16	26	16	24	23	25	24	25	35	25	26	26	33								
NOV	10	23	28	09	27	14	24	22																
NOV	11	05	29	04	23	10	24	12																
NOV	11	23	36	13	02	13																		
NOV	12	19	34	16	35	32	34	37	35	46	35	40												
NOV	12	23	34	16	33	25	33	27																
NOV	13	04	32	13	33	14	33	27	33	23	34	24	33	26	32	16	32	17						
NOV	13	23	29	01	30	04	25	04																
NOV	14	12	27	14	25	21	24	20																
NOV	14	23	35	08	36	14																		
NOV	15	11	33	15	31	26																		
NOV	16	00	31	24	31	43																		
NOV	16	03	31	27	31	29	29	40	30	38	29	39	30	42	29	49	30	48	30	49	30	44	30	35
NOV	16	08	34	21	34	29	33	23																
NOV	16	23	35	11	33	13																		
NOV	17	05	31	22	29	31	29	33	29	35														
NOV	17	11	33	24	32	33																		
NOV	17	23	32	27	33	31	31	43	32	45														
NOV	18	05	32	27	32	31	31	44	31	41	31	47	31	51										
NOV	18	18	26	09	26	13	28	13																
NOV	18	23	01	01			02	02																
NOV	19	01	29	07	29	13	29	19	27	20	26	23	28	29	29	29	31	35						
NOV	19	04	28	04	24	04																		
NOV	19	23	28	15	28	19	26	13	28	13														
NOV	20	06	27	08	26	08	26	15	28	18	27	19	29	23	31	27	32	38	33	42	32	36	33	27
NOV	20	11	36	02	36	08	32	10	31	10	30	15	28	17										
NOV	20	14	01	05	36	16	35	18	34	19	33	18	33	20										
NOV	20	23	27	16	26	23	26	24	26	16	27	25	29	21									28	24
NOV	21	05	33	11	30	15	29	21	29	26	30	29	30	25			28	47						
NOV	21	11	28	12	28	25	28	26	27	17														
NOV	21	16	35	04	35	11	34	16	31	15	32	13												
NOV	21	23	07	07	07	13																		
NOV	22	05	31	10	30	20	32	18	33	15	32	24	31	13										
NOV	23	02	26	17	25	29	24	34																
NOV	23	23	26	16	25	15	22	37																
NOV	24	08	19	14	22	18																		
NOV	24	23	19	05	19	10	22	09																
NOV	25	05	24	03	22	04																		
NOV	25	09	28	05	25	13	25	12	25	17	24	18												
NOV	25	23	30	19	29	26	28	28	28	25	28	29												
NOV	26	05	29	13	27	25	26	27																
NOV	26	23	34	11	33	14	31	15	30	20	30	23	30	19	31	34	33	32	33	32	33	39	31	33
NOV	27	05	35	12	34	29	33	22	33	27	33	23	29	16										
NOV	27	23	28	17	27	23	26	24	26	19														
NOV	28	05	32	12	30	21																		
NOV	28	10	35	12	34	30	33	25																
NOV	29	23	27	21	26	26	25	24	27	17	30	16	32	18	33	19	34	21	34	25	35	30	35	31
NOV	30	06	28	09	27	16	26	21	25	20	26	24	29	17	32	23	32	27	33	28	34	32	34	25
NOV	30	10	28	08	28	18	28	17	27	14	27	19	28	17										
NOV	30	18	27	09	25	20	25	21	26	21														
NOV	30	23	27	18	26	24	25	26	25	27	25	31	25	30					30	27				

Results of Upper Wind Observations,
MACQUARIE 1957

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	01	05	28	18	25	21	24	26	24	34														
DEC	01	10	27	12	24	27	24	26	25	11														
DEC	01	18	27	04	25	07	24	09																
DEC	01	23	31	04	30	10	30	04	25	05	26	16												
DEC	02	05	34	03	33	08	31	09																
DEC	02	12	01	02	03	09	03	06	09	12	23	05												
DEC	02	19	09	07	08	14	10	14	09	14	08	05	29	09	27	19	27	28						
DEC	02	23	10	16	10	24	09	21	09	23	06	10	01	03	30	07	28	10	29	17	30	27	31	47
DEC	03	05	12	24	10	33	10	25	07	19														
DEC	03	09	13	25	11	25	09	27	09	28														
DEC	04	05	14	09	12	19																		
DEC	05	11	24	06	23	18	23	18																
DEC	05	23	30	11	29	17	29	19																
DEC	07	02	29	17	28	25	28	29	30	28	30	27	31	33	31	37	31	47	32	54	32	56	32	55
DEC	07	18	27	18	26	23	25	34	26	37														
DEC	07	23	27	24	26	28	25	35	25	34	26	27												
DEC	08	05	28	21	26	32	26	25																
DEC	09	04	30	27	30	36	29	46	29	47	29	52	29	47										
DEC	09	05	31	25	30	30	28	38	29	55	29	63	29	61	29	61								
DEC	09	13	29	23	29	35	28	34																
DEC	09	18	32	15	31	21	29	24	28	26	29	30	29	32	31	48			31	61				
DEC	09	23	34	13	33	21	32	22	32	15	31	23	31	26	30	43	30	51						
DEC	10	05	35	07	34	11	35	09																
DEC	10	09	36	02	34	05	29	12	30	13	32	16	31	26	31	28	30	29						
DEC	12	23	28	23	28	42	28	40	28	40														
DEC	13	02	29	30	29	37	29	34	29	35	29	31	31	20	32	19	32	17	34	17	01	08	04	04
DEC	13	09	31	17	31	24	31	30	31	28	31	26	33	19										
DEC	13	19	01	17	36	24	35	24	35	30	34	32	36	32										
DEC	13	23	36	20			02	27													07	18		
DEC	14	05	09	07	05	22																		
DEC	14	23	11	01			03	07																
DEC	15	04	33	01	34	03	31	04	30	03	31	05	29	09	28	13	28	23	28	31	29	42		
DEC	15	23	28	13	28	15	28	11	29	05	29	14			32	15	32	17	33	22	32	28	35	08
DEC	16	09	31	03	31	08	32	09																
DEC	16	19	16	02	16	10	16	15																
DEC	17	24	17	13	17	15																		
DEC	18	05	16	13	18	20																		
DEC	18	09	22	05	21	11	21	15																
DEC	19	24	33	04	32	15	28	10	29	15	29	16												
DEC	20	11	31	02	29	05	30	05	30	06	29	07	30	05										
DEC	21	24	31	18	30	26	30	24	30	23														
DEC	25	11	29	07	24	29																		
DEC	26	05	13	18	13	26																		
DEC	26	10	15	13	14	15	16	15	01	14														
DEC	26	23	36	01	06	07	10	02																
DEC	27	23	09	05	07	11	02	06	28	17														
DEC	29	08	16	08	18	06	19	07	17	07	36	08	20	07	25	09	27	23	25	27	26	31	29	40
DEC	30	06	13	15	14	12	24	06	20	14														
DEC	30	11	03	02	01	04	32	07	38	09														
DEC	31	06	31	26	29	25	29	36	28	49	30	36	30	49	31	58	30	63	31	78	31	94		

Results of Upper Wind Observations,
MACQUARIE 1957

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	06	07	30	49	30	42	32	29	35	11	34	18												
JAN	08	00	01	34	36	31	01	32																
JAN	11	09	33	41	33	40	32	29																
JAN	11	23	30	47																				
JAN	16	07	26	30	27	27	28	27																
JAN	24	04	34	47	34	42	34	30	35	21														
JAN	24	23	32	44	32	44																		
JAN	25	04	32	51	31	41	31	33	34	24	35	18												
JAN	31	04	28	64																				
FEB	18	04	28	63																				
FEB	18	05	28	67	28	55	28	47	28	41	28	30												
MAR	07	04	29	22	28	28	28	35	30	16	28	19												
MAR	20	04	28	09	27	09	34	20	01	09	32	15												
APR	01	23	29	28																				
APR	02	23	23	39	24	29																		
APR	03	23	22	52	21	42	22	31	23	28														
APR	16	23	26	47																				
APR	17	23	25	20	26	31	26	39			26	34												
APR	19	04	24	28	25	39	25	43																
APR	19	23	25	31	25	36	26	41	26	46	26	51												
APR	23	04	25	43	26	43																		
APR	28	00	27	54																				
MAY	09	03	26	60	26	57	27	55	27	57														
MAY	14	05	26	30	26	30	25	29																
MAY	23	05	32	45	31	44	31	36	30	37														
JUL	03	00	23	38	26	31																		
JUL	15	04	27	38	27	45	28	63	28	77														
JUL	16	23	28	31	28	39	28	52	28	58	28	66												
JUL	17	23	33	39	30	43	30	55																
AUG	12	05	00	00	29	15																		
AUG	31	23	29	45	29	51			29	67	29	69												
SEP	08	23	27	46	28	49	27	50	28	57	27	65												
SEP	09	06	24	29	27	45	26	45																
SEP	25	03	30	43	29	51	28	54	28	59	28	60												
OCT	15	23	30	60	30	51																		
OCT	29	02	29	16	29	21	28	18																
NOV	16	03	31	30	32	21	32	27	33	15														
NOV	20	06	31	16	31	15	31	07	34	13	34	06												
NOV	20	23	30	16	30	14			36	09														
NOV	26	23	30	25	30	21	31	21	30	11	31	04												
NOV	29	23	33	29	33	26	32	22	32	15	34	12												
NOV	30	06	34	27																				
DEC	02	23	30	35	30	27	29	17	29	13	32	07												
DEC	07	02	31	55																				
DEC	13	02	04	05	02	10	01	10	02	12														
DEC	15	23	35	06	03	06	36	05	07	05														
DEC	29	08	29	48	28	58																		

Results of Upper Wind Observations,
MAWSON 1957

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	06	08	07	11	11	27	10	18	11	17	10	08	06	01	27	21	28	23	28	30	28	28
JAN	01	16	08	01	09	05	11	22	12	18	13	18	12	13	12	07	27	17	27	23	27	28	27	32
JAN	02	04	12	28	12	32	08	21	10	23	12	15	11	09	22	09	25	22	25	26	25	33	24	31
JAN	02	13	11	05	09	14	10	16	11	22	12	24	13	08	20	10	24	30	24	36	24	44	24	39
JAN	03	04	12	25	12	32	11	25	11	15	09	08	11	04	19	08	24	26	24	44	24	50	23	18
JAN	03	14	11	10	11	25	10	20	10	20	13	15												
JAN	04	04	12	17	11	24	10	19	10	16	12	14	11	18	14	03	24	21	23	48	24	49	23	15
JAN	04	15	00	00	20	03	10	14	10	15	14	07	08	09	11	06	21	12	22	47	22	57	22	29
JAN	05	04	12	18	12	31	09	28	12	22	14	19	12	17	05	17	05	15	14	06	17	22	12	10
JAN	05	16	12	25	12	37	10	52	10	44	09	37												
JAN	06	04	13	26	12	34	10	24	09	17	10	28	12	23	11	29	11	37	10	32	10	33		
JAN	06	15	12	26	13	40	10	29	06	10	11	12	11	24	12	36	14	43	14	46	15	45		
JAN	07	04	14	20	13	34	11	34	09	21	10	30	13	17	10	32	15	32	14	35	15	32	14	21
JAN	07	15	05	02	07	07	13	30	11	32	10	25	15	25	13	23	16	14	15	30	15	31	14	16
JAN	08	04	13	22	12	29	09	18	09	05	14	13	13	23	13	18	16	17	15	19	18	13	33	01
JAN	08	17	12	19	10	25	10	20																
JAN	09	05	13	20	12	37	09	17	10	16														
JAN	09	10	13	18	12	36	10	21	10	10	14	10	14	19	06	08	33	24	33	26	33	28	33	12
JAN	10	04	12	21	11	26	36	02	13	10	15	12	18	06	27	13	24	18	26	45	27	51	26	34
JAN	10	16	00	00	22	02	10	10	12	14	12	05	15	10	18	10	23	12	21	33	21	42	21	42
JAN	11	04	13	24	11	23	08	12	09	11	10	08	15	04	17	03	19	18	20	27	20	34	20	20
JAN	11	15	00	00	11	08	09	13	10	08	18	03												
JAN	12	04	12	17	10	15	05	06	13	07	09	13	09	15	08	09	12	16	15	26	15	33	13	16
JAN	12	15	19	04	11	04	10	15	12	17	11	17	11	17	09	15	08	21	09	32	08	36	10	37
JAN	13	04	13	17	12	30	08	22	11	18	12	23	11	14	11	14	10	24	09	31	09	41	08	24
JAN	13	15	12	16	12	24	10	18	10	16	12	15	11	23	10	26	08	30	08	31	07	36	08	22
JAN	14	04	11	20	11	28	10	32	09	27	11	27	12	24	09	30	08	39	07	54	06	67	07	22
JAN	14	15	00	00	08	01	09	16	11	28	11	40	10	28	08	28	06	28	06	31	06	39	06	35
JAN	15	04	12	16	10	22	09	23	10	24	10	26	10	24	11	20	09	22	08	22	08	29	08	13
JAN	15	15	00	00	09	06	11	17	11	17	14	19	12	18	11	20	12	31	13	33	13	29	14	17
JAN	16	04	12	12	10	16	09	19	11	19	11	16	11	19	13	23	13	32	13	37	14	37	14	11
JAN	16	16	12	03	09	10	11	15	12	16	12	21	12	28	12	35	13	41	14	47	14	53	14	17
JAN	17	04	11	26	11	36	09	25	10	25	11	21	12	21	12	32	13	28	14	33	13	10	02	05
JAN	17	15	12	26	14	39	11	58	10	35	10	23												
JAN	18	04	11	23	12	36	11	42	10	37	11	45					09	27	07	18	08	20	06	09
JAN	18	15	08	08	11	14	13	20	10	26														
JAN	19	04	13	18	11	17	07	14	09	09	14	11	15	21	23	08	15	15	16	11	08	04	35	04
JAN	19	16	12	12	12	15	11	16	14	07	15	17	21	10	19	08	19	10	18	07	34	12	36	06
JAN	20	04	14	16	13	15	06	08	15	04	18	04	25	07	22	12	23	12	25	05	32	10	30	09
JAN	20	15	24	01	23	03	14	04	09	04	23	04	25	13	27	16	27	17	24	16	26	14	29	14
JAN	21	04	14	12	11	12	21	03	24	05	25	09	25	17	26	25	26	34	27	24	27	24	27	17
JAN	21	15	24	02	24	10	10	07	13	12	21	09	24	15	25	28	26	31	26	40	26	47	26	31
JAN	22	05	12	12	09	06	13	03	16	06	18	05	23	08	26	24	27	30	26	37	26	41	27	25
JAN	22	15	00	00	08	06	10	15	11	19	12	16	23	05	26	15	26	24	27	30	27	35	29	38
JAN	23	04	13	25	11	30	09	25	13	17	13	10	01	03	34	05	35	07	32	16	31	20	29	15
JAN	23	15	26	02	24	04	11	04	11	14	13	06	29	05										
JAN	24	04	12	16	10	10	07	06	11	04	30	03	28	03	29	19	27	41	27	62	27	72	27	50
JAN	24	15	11	48	11	46	09	32	08	20														
JAN	26	06	12	38	12	39																		
JAN	26	15	11	42	11	46	07	64																
JAN	27	16	07	29	07	34	07	33	07	33	06	37	06	36	02	25	35	33	36	40	35	42		
JAN	28	04	07	16	07	20	05	21	05	17	06	15	03	14	36	26	32	32	33	50	33	62		
JAN	26	14	05	07	08	10	08	13																
JAN	29	04	11	16	09	17	11	12	13	11	11	09	10	02	06	08	31	20	33	24	32	33	32	40
JAN	29	16	14	19	10	10	11	09	15	12	14	03	35	02	31	23	32	32	31	40	31	57	32	53
JAN	30	05	13	29	12	44	10	35	10	29	11	20	07	21	05	33	05	28	05	40	03	41		
FEB	01	11	13	16	13	19	12	07	18	08	22	08	22	11	22	14	22	17	20	13	18	09	20	12
FEB	02	12	00	00	12	01	14	05	16	04	16	04	22	11	22	10	25	06	25	11	24	20	24	30
FEB	03	12	00	00	03	02	12	10	20	04	22	05	25	10	24	30	24	52	25	64	26	69	26	69
FEB	04	12	00	00	21	02	13	05	14	10	19	20	22	15	23	33	24	43	25	50	25	55	26	67
FEB	05	12	14	25	13	27	13	10	18	11	22	12	24	25	24	28	25	27	27	25	26	19	27	22
FEB	06	12	12	28	12	33	08	13	11	15	14	11	22	07	28	14	29	20	30	17	30	21	28	26
FEB	07	12	14	12	09	06	08	12	19	02	21	06	27	07	27	17	27	24	27	23	27	13	27	21
FEB	08	12	12	14	11	20	09	15	17	06	26	11	26	20	26	23	28	23	29	30	30	27	30	19
FEB	09	12	12	12	10	10	13	03	23	05	27	14	28	18	27	20	29	12	29	10	35	05	01	07
FEB	10	12	00	00	35	04	25	03	28	32	28	26	29	26	28	18	28	16	28	16	28	12	30	11
FEB	14	00	00	00									16	28	15	14	16	38	16	60				
FEB	15	01	12	35	12	35	10	16	10	22	15	11	07	11										
FEB	15	12	12	36	12	36																		
FEB	17	12	10	35	07	34	28	15																
FEB	18	00	13	25	10	23	32	08	11	05	24	06	18	09	19	07	27	10	30	06	13	02	16	06
FEB	18	12	13	03	06	08	09	05	09	03	18	06	24	09	23	14	27	07	03	07	06	29	33	10
FEB	19	00	16	20	11	23	24	28	10	11	25	24	30	04	35	08	28	18	31	07	01	12	34	13
FEB	19	12	12	22	12	22	08	08	16	07	23	07	23	12	25	14	26	14	27	14	35	06	31	01
FEB	20	00	16	22	13	35	11	14	18	06	19	14	20	04	23	09	26	07	20	07	19	14	19	11
FEB	20	12	00	00	06	04	14	10	13	17	24	05	33	04	25	17	24	25	25	22	23	26	25	17
FEB	21	00	14	10	10	06	09	03	24	09	26	15	27	19	27	16	33	34	32	10	27	15	24	25
FEB	21	12	00	00	23	02	12	04	22	13	24	30	23	25	24	40	24	64	24	75	24	72	24	71
FEB	22	00	17	22	12	18	10	15	09	07	21	12	21	16	27	25								
FEB	22	12	04	01	07	10	11	29	12	34	12	25	11	18	15	15	18	13	20	17	23	14	24	33
FEB	23	00	13	12	13	24	11	41	10	39	12	30	13	43										
FEB	23	12	12	19	13	46	08	22	12	21	14	15	15	35	16	41	16	44	18	21	18	35	17	40
FEB	25	00	12	18	13	38	10	26	11	26	10	25	17	16	09	28	03	25	04	26	06	20	06	27
FEB	25	12	00	00	08	16	08	13	12	13	15	16	11	16	11	06	05	10	03	11	07	03	09	08
FEB	26	00	12	23	12	23	04	07	08	11	10	10	09	09	10	03	34	02	24	01	02	15	33	02

Results of Upper Wind Observations,
MAWSON 1957

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
SEP	26	12	12	11	10	17	11	11	08	07	35	06	28	06	28	25	30	16	31	20	30	32	33	30
SEP	27	00	14	25	14	21	02	06	10	06	15	15	21	13	19	10	19	11	19	12	11	06	20	07
SEP	27	12	13	20	15	20	11	16	15	11	13	13	12	12	15	15	18	17	17	16	18	19	19	17
SEP	28	01	14	17	12	22	10	10	14	04	13	19	18	06	18	20	19	27	20	21	19	25	22	10
SEP	28	10	13	08	13	16	10	11	10	13	22	04	25	04	22	07	21	21	22	17	23	14	23	31
SEP	29	00	13	24	13	24	12	06	10	11	30	04	30	08	28	13	25	29	25	68	25	87		
SEP	29	12	12	11	10	17	11	11	08	07	35	06	28	06	28	25	30	21	31	20	30	32	33	30
SEP	30	12	11	20											20	21	04	02	27	21	33	45	33	35
OCT	03	13	13	30	12	34	07	14	12	07	16	22	12	28	17	08	16	18	18	24	21	28	21	25
OCT	04	03	17	27	13	21	33	03	18	02	19	13	19	22	20	21	21	25	20	32	21	58	21	50
OCT	04	12	17	23	14	27	11	14	12	16	15	40	20	46	18	40	18	56	19	66	20	74	20	80
OCT	05	00	00	00	21	08	19	22	16	08	18	17	21	38	21	40	22	52						
OCT	05	12	00	00	15	06	20	12	22	12	23	15	22	34	23	50	23	84	63	36				
OCT	06	01	00	00	12	11	05	02	24	06	25	08	26	06	25	07	23	09	24	16	25	14	27	20
OCT	06	12	00	00	00	00	00	00	14	10	19	05	25	13	27	21	26	23	26	50	27	80	27	45
OCT	07	00	00	00	10	04	10	09	11	17	15	14	21	04	30	05	24	06	31	11	32	13	32	17
OCT	07	13	00	00	00	00	12	05	11	24	11	09	30	08	31	12	28	24	28	50	28	70	28	72
OCT	08	00	12	20	13	45	09	42	10	50	11	31	11	30	07	14								
OCT	08	12	14	24	13	34	12	37	08	21	10	23	13	42	13	04								
OCT	09	00	16	17	14	22	09	17	13	12	15	17	17	19	14	20	18	15	19	15	20	11	25	17
OCT	09	12	00	00	08	03	09	10	08	15	14	25	14	12	20	16	18	31	17	21	18	21	23	15
OCT	10	00	14	25	14	34	10	11	11	11	17	17	17	27	18	22	19	35	19	50	21	40	23	20
OCT	10	12	00	00	13	10	10	11	12	15														
OCT	11	00	13	18	13	35																		
OCT	11	12	12	22	12	27	11	20	10	18	10	11	14	18	06	12	16	07	21	16	24	14	28	14
OCT	12	12	10	10	09	20	09	22	10	18	12	18	09	26	06	08	20	07	23	18	27	28	26	39
OCT	13	00	13	25	12	42	06	30	10	20	08	22	08	25	07	27	07	33						
OCT	14	00	14	23	13	45	09	20	08	23	10	11												
OCT	15	00	16	20	12	30	15	06	01	12	17	07	12	07	14	06	17	05	27	11	29	15	24	07
OCT	15	12	00	00	22	04	15	01	14	08	26	14	19	09	20	11	22	10	25	08			26	22
OCT	16	01	00	00	12	11	05	02	24	06	25	08	26	06	25	07	23	09	24	16	25	14	27	20
OCT	16	12	00	00	11	10	11	04	24	04	25	10	24	11	23	16	24	21	23	15	24	16	25	21
OCT	17	00	11	20	11	23	10	09	16	08	25	16	25	16	26	28	27	31	26	43	26	61	26	44
OCT	17	12	09	07	09	18	11	16	16	07	24	09	26	22	26	30	25	38	27	42	27	56		
OCT	22	01	10	20	10	23	09	22	09	27														
OCT	22	12	00	00	10	09	10	11	11	16	11	27												
OCT	23	00	12	14	13	22																		
OCT	23	12	08	05	09	13	13	18	14	06	13	15	13	16	11	30	10	28	09	25	15	22	20	12
OCT	24	00	13	20	12	28	05	06																
OCT	24	12	00	00	20	03	21	04	10	18	15	14	15	08	07	10	07	11	05	11	02	06	27	11
OCT	25	00	00	00	12	03	01	02	36	08	28	06	28	15	33	16	30	13	29	22	28	24	28	39
OCT	25	12	08	08	07	11	09	08																
OCT	26	00	13	30	10	12	08	04	25	08	25	15	27	19	27	26	27	35						
OCT	26	12	00	00	09	15	12	32	15	19	22	07	27	10	27	25	28	30	27	60	27	71	27	45
OCT	27	00	15	25	15	36	09	25	11	20	13	13	21	03	27	08	28	24	29	19	29	18	31	25
OCT	27	12	12	20	13	28	13	15	12	09	17	18	23	07	22	09	27	16	26	23	29	15	28	18
OCT	28	00	13	36	14	40	08	07	23	03	27	18	20	07	22	18	25	27	24	40	26	21	26	17
OCT	28	12	00	00	09	05	11	23	11	27	14	18	21	04	21	15	22	17	28	15	30	15	29	17
OCT	29	12	15	09	13	15	10	16	10	16	15	09	15	07	26	16	28	22	29	56	29	52	31	27
OCT	30	00	16	28	14	24	08	11	12	18	16	17	20	11	27	11	29	26	30	42				
OCT	30	12	00	00	09	12	10	13	12	14	15	16	17	06	24	13	28	13	27	55				
OCT	31	00	15	22	12	22																		
OCT	31	12	13	22	13	29	11	16	10	08	16	15	20	10	26	14	28	30	29	50	30	70	31	82
DEC	01	12	00	00	12	06	12	07	15	15	12	03	19	10	21	07	28	18	29	26	28	16	26	15
DEC	02	01	00	00	09	13	11	15	13	12	12	09	23	03	21	13	24	50	23	67	25	90	24	70
DEC	03	12	00	00	11	11	11	14	12	11	16	09	18	02	23	23	23	22	24	40	23	59	23	57
DEC	04	12	11	13	11	12	11	21	11	18	12	15												
DEC	05	12	12	34	11	30	09	38	09	27														
DEC	06	12	09	06	08	20	09	22	09	27	10	22	09	16	02	18	02	16	02	18	01	25	35	10
DEC	07	12	10	25	11	31	10	33	09	20	10	40	09	25	06	20	04	12	13	22	02	16	35	11
DEC	08	12	12	26	12	34	10	31	10	18	10	18												
DEC	09	12	11	10	12	23	10	16	11	11	12	16	13	10	13	12	17	10	23	05	28	09	26	05
DEC	10	12	00	00	22	02	10	09	11	03	11	03	18	10	23	11	23	15	25	13	25	15	25	07
DEC	11	12	00	00	00	00	09	02	11	16	14	10	36	03	01	04	35	06	32	08	04	07	86	04
DEC	12	12	00	00	09	05	10	13	11	18	09	22	09	25	10	11	14	07	11	05	04	04	05	06
DEC	13	12	07	03	11	13	10	23	09	18	09	24	08	17	05	15	04	13	03	11	05	06	98	04
DEC	14	12	13	08	13	08	10	13	11	25	12	18	09	08	07	06	09	09	15	03	24	06	27	83
DEC	15	12	00	00	05	05	09	15	11	19	11	11	08	11	03	07	21	15	22	20	23	10	26	04
DEC	16	12	00	00	22	05	15	04	12	16	14	17	23	02	23	05	17	16	15	10	19	08	20	02
DEC	17	12	00	00	26	06	05	06	09	15	16	03	11	07	33	03	34	13	20	03	15	05	14	05
DEC	18	12	00	00	23	01	11	10	11	15	04	06	07	04	34	11	33	18	33	18	34	05	10	04
DEC	19	12	00	00	22	02	09	05	11	11	12	13	14	07	36	13	33	25	02	04	01	03	07	03
DEC	20	12	07	10	09	07	09	07	12	23	12	25	11	26	09	13	02	09	01	13	36	12	36	07
DEC	21	12	00	00	06	12	09	17	10	20	11	17	09	15	04	11	03	17	02	13	01	18	01	07
DEC	22	12	00	00	07	10	13	24	12	13	11	21	11	21	07	14	03	14	16	33	05	20	36	09
DEC	23	01	00	00	07	04	09	20	12	28	12	17												
DEC	24	12	00	00	06	11	10	18	12	25	10	15	08	08	10	09	09	15	07	14	04	11	36	08
DEC	25	12	00	00	07	08	11	17	11	22	12	10	11	11	04	14	13	06	18	07	26	04	24	05
DEC	26	12	09	16	09	28	10	25	11	19	12	12	10	20	10	14	11	14	08	09	07	05	08	01
DEC	27	12	12	33	13	45	12	53	11	26	24	21	02	31	04	31	05	17	05	13	07	17	04	11
DEC	28	12	13	12	28	12	10	28	06	10	11	18	13	15	12	10	17	32	19	30	19	11	32	09
DEC	29	12	00	00	00	00	17	03	13	05	27	03	22	03	23	08	21	23	21	23	23	17	22	16
DEC	30	12	00	00	21	04	11	21	12	29	12	19	10	29	12	17								
DEC	31	12	00	00	13	01	12	04	16	11	19	02	23	07	20	17	20	26	21	36	20	30	22	23

Results of Upper Wind Observations,
MAWSON 1957

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
	01	04	25	12	21	03	18	03	10	08	09	05												
	01	16	26	20	23	09	15	02	13	03	10	12												
	02	04	22	14	14	06	17	08	08	11	12	09												
	02	13	23	12	19	05	12	02																
	03	04	23	05	12	06	13	04	16	07	09	06												
	04	04	26	03	13	06	13	10	15	09	08	13												
	04	15	15	10	12	05	10	06	09	10	12	09												
	05	04	10	12	09	13	09	13	10	10	08	16												
	07	04	11	15	12	14	12	27	08	16	09	14												
	07	15	14	09	10	13	12	04	10	10	09	12												
	08	04	08	05	09	06	09	06	08	08	09	14												
	09	10	34	06	14	03	12	07	03	05	07	07												
	10	04	09	10	18	07	20	03	10	09														
	10	16	22	20	20	09	18	03	18	05	13	05												
	11	04	22	07	12	02	12	06	07	07														
	12	04	06	02	08	09	08	07	04	08														
	12	15	09	16	09	09	02	06	08	08	07	06												
	13	04	08	12	07	13	07	08	08	11	09	09												
	13	15	08	17																				
	14	04	05	15	03	08	05	06	05	09	07	05												
	14	15	05	17	06	10	05	04	04	03	08	10												
	15	04	09	08	09	04	05	03	07	05														
	15	15	15	04	23	03	06	03	22	05	32	05												
	16	04	12	03	10	04	33	07	02	09	12	08												
	16	16	17	04	27	05	35	04	03	09														
	17	04	02	07	36	08	34	07	03	05	02	08												
	18	04	05	12	36	05	33	08	04	07														
	19	04	36	05	34	07	31	09	33	06														
	19	16	30	05	33	07	33	13	30	13	29	05												
	20	04	32	11	31	10	31	12	34	06	29	05												
	20	15	28	14	28	13	29	10	27	11	30	12												
	21	04	27	16	28	09	28	15	27	11	27	12												
	21	15	27	17	26	19	27	17																
	22	05	28	20	27	16	27	10	26	10	29	10												
	22	15	29	27	28	22	28	16	28	20	26	12												
	23	04	27	14	27	15	26	13	25	14	25	08												
	24	04	27	42	27	30	27	30	27	20	26	18												
	29	04	33	42	32	34																		
	29	16	33	36	33	47	33	48																
	01	11	27	11	25	10																		
	02	12	24	34	25	70	24	92																
	03	12	27	56	26	66																		
	04	12	23	58	23	72																		
	05	12	27	28	26	28																		
	06	12	26	30	27	35	26	34	27	41														
	07	12	27	23																				
	08	12	28	15	28	27	28	28	28	45	78	12												
	09	12	31	09	29	20																		
	10	12	33	07	31	02	08	04																
	18	12	29	17	29	33	29	46																
	19	00	30	16	29	41																		
	19	12	30	08	28	19	28	30																
	20	00	20	18	27	39																		
	20	12	24	19	26	28	25	25	25	33														
	21	00	26	45																				
	22	12	24	26	26	23																		
	23	12	14	05	19	24																		
	25	12	23	11	31	08	29	12																
	26	00	29	03																				
	26	12	31	47																				
	27	00	25	16																				
	27	12	21	15	21	20																		
	28	01	22	24																				
	28	10	24	35	27	42	25	40	24	50	31	65												
	29	12	31	47																				
	30	12	33	27																				
	03	13	22	36	22	44	23	50	23	56	26	66												
	04	03	21	48																				
	06	01	27	24																				
	07	13	28	78																				
	09	00	27	22																				
	09	12	26	24	28	33	27	53																
	10	00	26	30	25	40	25	66																
	11	12	28	27	28	35	28	66	28	70	29	95												
	12	10	32	17																				
	15	00	26	17	26	31	27	47																

Results of Upper Wind Observations,
MAWSON 1957

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
OCT	16	01	27	24																				
OCT	16	12	25	30	27	41	27	50																
OCT	17	00	27	40	28	38	28	63	27	78	28	73												
OCT	23	12	23	25	24	44	26	60	26	71	26	98												
OCT	24	12	27	27	25	38	27	50	27	66	28	80												
OCT	25	00	28	39	28	55	28	60																
OCT	26	12	30	44	29	56																		
OCT	27	00	32	25	32	25																		
OCT	27	12	32	21	32	28	33	52	34	66														
OCT	28	00	28	15																				
OCT	28	12	29	27	30	42	33	45	34	72	34	76												
OCT	29	12	30	48	31	27	34	41																
OCT	31	12	31	58	30	44	30	45																
DEC	01	12	24	11	25	15	20	03																
DEC	02	01	25	42	25	45	23	32	25	23	24	17												
DEC	03	12	26	40																				
DEC	06	12	04	11	05	15	05	10	04	11	09	04												
DEC	07	12	03	04	01	08	03	10	04	09	10	07												
DEC	09	12	28	02	36	02	31	01	05	06	07	07												
DEC	10	12	28	04	26	08	26	01																
DEC	11	12	35	03	06	02	32	01	10	04	10	09												
DEC	12	12	08	05	13	05	14	08	10	07	11	10												
DEC	13	12	07	04	10	10	07	08	09	07	30	02												
DEC	14	12	04	03	08	04	08	11	08	09	07	06												
DEC	15	12	32	05	02	07	36	06	01	06	05	02												
DEC	16	12	09	03	04	06	06	05	06	07	09	07												
DEC	17	12	10	02	06	06	10	07	10	06	08	13												
DEC	18	12	12	07	02	05	05	08	04	10	07	11												
DEC	19	12	04	05	04	05	05	05	09	08	09	13												
DEC	20	12	02	06	06	05	05	06	04	06	07	07												
DEC	22	12	33	11	35	09	32	01	02	12	04	09												
DEC	24	12	34	07	52	10	33	08	35	09	36	05												
DEC	25	12	29	08	35	04	29	02																
DEC	26	12	10	04	30	05	36	07	35	06	32	02												
DEC	27	12	02	07	25	24	27	01	27	05														
DEC	28	12	32	09	29	05	24	04	31	03	27	04												
DEC	29	12	23	16	26	16	24	11	23	05														
DEC	31	12	22	23	23	19	24	13																

A.N.A.R.E. REPORTS AND INTERIM REPORTS

Chronological Order of Publication
(When ordering please quote publication number)

Pubn. No.	Date of Publication	Subject	Title	Author
1	Oct. 1950	Meteorology	Meteorology: Heard and Macquarie Islands. 1948, Part 1 (a) Results.	W.J. Gibbs, A.V. Gotley & A.R. Martin
2	Oct. 1951	Meteorology	Meteorology: Heard and Macquarie Islands, 1948 Part 1(b) Analysed Charts.	W.J. Gibbs, A.V. Gotley & A.R. Martin
3	Oct. 1951	Zoology	Seal Marking at Heard Island, 1949. I.R.I.	R.G. Chittleborough & E.H.M. Ealey
4	Mar. 1952	Physics of Upper Atmosphere	Hourly Measurements of Ionospheric Characteristics, Macquarie Island, 1950. I.R.2.	D.S. Cohen
5	Oct. 1952	Meteorology	Meteorology: Heard and Macquarie Islands, 1948, Part 1(c) Discussion.	W.J. Gibbs, A.V. Gotley & A.R. Martin
6	Oct. 1952	Zoology	(The Fleas of Sea Birds in (the Southern Ocean (The Ticks of Sea Birds	B. de Meillon F. Zumpt
7	Jan. 1953	Zoology	The Status of the Leopard Seal at Heard Island and Macquarie Island, 1948. I.R.3.	A.M. Gwynn
8	Jan. 1953	Zoology	Notes on the Fur Seals at Macquarie Island and Heard Island. I.R.4.	A.M. Gwynn
9	Jan. 1953	Aurorae	Observations of the Aurora Australis, Macquarie Island, May 1950 - April 1951. I.R.5.	N.R. Parsons & K.B. Fenton
10	Jan. 1953	Physics of Upper Atmosphere	Hourly Measurements of Ionospheric Characteristics, Macquarie Island, 1951. I.R.6.	Z.R. Jeffrey

Pubn. No.	Date of Publication	Subject	Title	Author
11	Mar. 1953	Botany	The Mosses of Macquarie Island and Heard Island	H.T. Clifford
12	May, 1953	Geography	Heard Island. I.R.7.	P.G. Law & T. Burstall
13	Jul. 1953	Meteorology	Meteorology: Heard and Macquarie Islands, 1949.	Comm. Met. Bureau
14	Jul. 1953	Meteorology	Meteorology: Heard and Macquarie Islands, 1950.	Comm. Met. Bureau
15	Jul. 1953	Meteorology	Meteorology: Heard and Macquarie Islands, 1951.	Comm. Met. Bureau
16	Jul. 1953	Zoology	The Egg-laying and Incubation Periods of Rockhopper, Macaroni and Gentoo Penguins.	A.M. Gwynn
17	Aug. 1953	Terrestrial Magnetism	Magnetic Observations at Heard, Kerguelen and Macquarie Islands 1947-51.	F. Jacka
18	Mar. 1955	Zoology	Penguin Marking at Heard Island, 1951 and 1953.	M.C. Downes & A.M. Gwynn
19	May, 1955	Botany	The Flora, Vegetation and Soils of Macquarie Island.	B.W. Taylor
20	Aug. 1955	Meteorology	Meteorology: Heard and Macquarie Islands, 1952.	Comm. Met. Bureau.
21	Aug. 1955	Meteorology	Meteorology: Heard and Macquarie Islands, 1953	Comm. Met. Bureau.
22	Nov. 1955	Zoology	A New Genus and Species of Hyadesid Mite - Algophagus antarcticus - from Heard Island.	A. Margaret Hughes
23	Nov. 1955	Aurorae	Instruments and Methods for Auroral Observation I.R.11.	F. Jacka & J. Ballantyne

Pubn. No.	Date of Publication	Subject	Title	Author
24	Dec. 1955	Physics of Upper Atmosphere	Hourly Measurements of Ionospheric Characteristics, Macquarie Island 1954. I.R.12.	T.F. Firmstone
25	Jan. 1956	Physics of Upper Atmosphere	Hourly Measurements of Ionospheric Characteristics, Macquarie Island, 1952. I.R.9.	G. Major
26	Jan. 1956	Physics of Upper Atmosphere	Hourly Measurements of Ionospheric Characteristics, Macquarie Island, 1953. I.R.10.	A.S. Little.
27	Aug. 1956	Physics of Upper Atmosphere	Hourly Measurements of Ionospheric Characteristics, Macquarie Island, 1955. I.R.13.	D.R.L. Callow
28	Sep. 1956	Terrestrial Magnetism	Magnetic Observations at Heard Island, 1952.	L.N. Ingall
29	Sep. 1956	Geography	Macquarie Island. I.R.14.	P.G. Law & T. Burstall
30	Sep. 1956	Zoology	Plankton, Hydrology and Marine Fouling at Heard Island. I.R.15.	E.H.M. Ealey & R.G. Chittleborough
31	Sep. 1956	Terrestrial Magnetism	Magnetic Observations at Macquarie Island, 1952.	R.G. McGregor
32	Feb. 1957	Zoology	The Seasonal Reproductive Cycle of the Female Elephant Seal - Mirounga leonina, Linn. - at Heard Island.	L.F. Gibbney
33	Feb. 1957	Zoology	Some Jellyfish from Macquarie Island and Heard Island.	P.L. Kramp
34	Mar. 1957	Terrestrial Magnetism	Magnetic Observations at Heard Island, 1953.	J.A. Brooks

Pubn. No.	Date of Publication	Subject	Title	Author
35	Mar. 1957	Zoology	The Lepoard Seal at Heard Island, 1951-54. I.R.16.	K.G. Brown
36	Mar. 1957	Cosmic Rays	The Design and Operation of ANARE Cosmic Ray Recorder "C". I.R.17.	N.R. Parsons
37	Jun. 1957	Terrestrial Magnetism	Magnetic Observations at Macquarie Island, 1953.	P.B. Tenni & J.A. Brooks
38	Jun. 1957	Meteorology	Meteorology: Mawson, Heard and Macquarie Islands, 1954.	Comm. Met. Bureau
39	Aug. 1957	Geology	The Trace Element of Some Soils and Rock from Macquarie Island, South Pacific Ocean.	D.J. Swaine
40	Aug. 1957	Zoology	Some Tunicates from Macquarie Island and Heard Island.	P. Kott
41	Aug. 1957	Physics of Upper Atmosphere	Hourly Measurements of Ionospheric Characteristics, Macquarie Island 1956. I.R.18.	R.L. Dowden
42	Mar. 1958	Terrestrial Magnetism	Magnetic Observations at Heard Island, 1954.	K.B. Lodwick
43	Jun.1958	Terrestrial Magnetism	Magnetic Observations at Macquarie Island, 1954.	C.S. Robertson
44	Jun. 1958	Meteorology	Meteorology: Mawson and Macquarie Island, 1955.	Comm. Met. Bureau.
45	Aug. 1958	Cosmic Rays	Cosmic Ray Records, Mawson, 1955.	N.R. Parsons
46	Jan. 1959	Cosmic Rays	Cosmic Ray Studies at Macquarie Island and Heard Island, 1948-51.	F. Jacka, N.R. Parsons, P.W. Ford & R.M. Jacklyn

Pubn. No.	Date of Publication	Subject	Title	Author
47	Apr. 1959	Narrative	The Vestfold Hills.	P.G. Law
48	Jun. 1959	Terrestrial Magnetism	Magnetic Observations at Mawson, 1955.	W.H. Oldham
49	Sep. 1959	Geology	A Contribution to the Geology and Glaciology of the Western Part of Australian Antarctic Territory.	P.W. Crohn
50	Sep. 1959	Meteorology	Meteorology: Mawson and Macquarie Island, 1956.	Comm. Met. Bureau.
51	Nov. 1959	Zoology	The Birds of Heard Island.	M.C. Downes, E.H.M. Ealey, A.M. Gwynn & P.S. Young.
52	Jun. 1960	Terrestrial Magnetism	Magnetic Observations at Mawson, 1956.	P.M. McGregor
53	Nov. 1960	Terrestrial Magnetism	Field Magnetic Observations in Antarctica	J.D. Pinn
54	Nov. 1960	Meteorology	Meteorology: Mawson, Davis, Taylor and Macquarie Island, 1957.	Comm. Met. Bureau.

