COMMONWEALTH OF AUSTRALIA
DEPARTMENT OF EXTERNAL AFFAIRS

AUSTRALIAN NATIONAL ANTARCTIC RESEARCH EXPEDITIONS

ANARE DATA REPORTS

SERIES D (XVIII) METEOROLOGY

PUBLICATION No. 98

METEOROLOGY: [redacted], MACQUARIE ISLAND, MAWSON AND WILKES, 1965

Prepared by
THE BUREAU OF METEOROLOGY, MELBOURNE

ISSUED BY THE ANTARCTIC DIVISION

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INTRODUCTION

This volume contains the meteorological observations, surface, radiosonde, radio d and pilot balloon, made at Macquarie Island, Mawson and Wilkes during 1965. The details presented as listings and also in the form of cumulated frequency analyses. In these lyses, figures have not been repeated where there was no increment from the previous ue.

The observations were carried out by the following:-

MACQUARIE ISLAND		
R.T. Robb	-	Observer in Charge
P.M. Graham	-	Observer
D.K. Pocock	-	Observer
J.L. George	-	Observer (Radio)
MAWSON		
G.M. Afflick	-	Observer in Charge
N.E. Foley	-	Observer
M.A. Poulton	-	Observer
J.W. Baldwin	-	Observer (Radio)
WILKES		
T.K. Gleeson	-	Observer in Charge
M.J. Forecast	-	Observer
M.E. Hader	-	Observer
E.P. Simmons	-	Observer (Radio)

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

Macquarie Island (GMT + 11 HRS)*
Mawson (GMT + 5 HRS) Wilkes (GMT + 7 HRS)

Prior to 1958, observation times at Macquarie were 00, 03, 06, 09, 12, 15, 18 and hours GMT; i.e. 10, 13, 16, 19, 22, 01, 04 and 07 hours zone time (GMT + 10 hours). om 1st January, 1958 observation times were 02, 05, 08, 11, 14, 17, 20 and 23 hours GMT, . 12, 15, 18, 21, 00, 03, 06 and 09 hours zone time (GMT + 10 hours). Zone time may be ained by subtracting 1 hour from the times shown. Times shown in this volume are local ndard times.

3.1 The following are 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 5 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 pages X - XX 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))

Height of the base of Low Cloud (0-9)

Direction of Cloud Movement (0-9)

3.4 Precipitation is a total for 24 hours up to 0900 L.S.T. at Macquarie Island and up t 0400 L.S.T. at Wilkes. Data for Mawson have not been published because of the difficulty in differentiating between falling and drifting snow.

3.5 Anemometer run is the total for 24 hours up to 0900 L.S.T. and is shown against th last observation of the day.

3.6 Sunshine records were maintained during the year at Mawson and Macquarie Island are not entered in the daily listings. The mean daily duration (in hours and tenths) for Mawson and Macquarie Island is, however, shown in the monthly summaries.

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

Surface information at the time of the release:

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

Temperature - (TTT) - degrees and tenths Celsius, preceded by a 5 if negative,

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

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.

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

Geopotential dekametres are shown,
Temperature in degrees and tenths Celsius, preceded by a 5 if negative,
Mixing Ratio in decigrams per kilogram of dry air.

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 5 is not printed.

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.)

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.

Upper wind observations were normally made four times per day at Macquarie Island. Mawson, upper wind observations were made three times daily until 28-2-65 then twice daily. Wilkes, upper wind observations were made once daily between 23 March and 22 December 5, otherwise twice daily. Details of listings are as follows:-

Time of release - nearest hour GMT,
Wind direction - tens of degrees,
Wind speed - knots.

The cumulated frequency analysis of surface data was prepared by grouping all the ee-hourly observations.

This volume has been prepared by a photo-lithographic process direct from an ICT Tabulator print-out. Eighty-column punch cards containing the basic data are held by e Bureau of Meteorology, and requests for the production of these cards or for further lyses of the data should be addressed to:-

INSTRUMENTS AND OBSERVATIONAL METHODS

Atmospheric Pressure

Mercurial barometers were used at each station and continuous records of station level pressure were given by daily barographs.

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, dry bulb thermometers and thermograph were mounted in Stevenson screens, the thermographs being used to obtain the daily tempera- ture extremes. At Wilkes, temperatures were obtained from liquid in glass or electrical resistance thermometers mounted in a louvered wooden screen and continuous records from a thermograph or a recording electrical resistance thermometer.

Humidity

At Macquarie Island, relative humidity and dew point were obtained from readings o dry and wet bulb thermometers mounted in a Stevenson screen. Continuous records of relativ humidity were given by a daily hygrograph in the same screen. At Mawson, relative humidity and dew point were obtained from the readings of the dry bulb thermometer and a daily hygro- graph in the same screen. The hygrograph which provided a continuous record of relative humidity was periodically checked against an aspirated psychrometer. At Wilkes, relative humidity and dew point were obtained from aspirated hygrometer readings and continuous reco from a thermohygrograph.

Wind

At Macquarie Island and Mawson continuous records of wind speed and direction wer obtained from Dines anemometers, the vanes of which were 8 metres above the station buildin at Macquarie Island and 6 metres above the station buildings at Mawson (i.e. about 11 and 9 metres respectively above the ground). At Wilkes, continuous records were obtained from a aerovane electrical anemograph and a 3-cup electrical anemometer. The 24 hour run of the w was obtained from a 3-cup anemometer, 8 metres above the ground. At Mawson and Macquarie Island the Munro cup anemometers were respectively 2 metres and 3 metres above the ground.

Precipitation

At Macquarie Island, precipitation was measured by a rain gauge. A continuous record was obtained at Macquarie Island 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 Wilkes, registrations were obtained from a shielde snow gauge.

Radiosonde Observations

Radiosonde observations were made at Macquarie Island and Mawson using Australi made apparatus of the United States Weather pattern (Diamond Hinman), operating on 72 mc/s or 403 mc/s. The balloons (350 gram) were inflated to give a rate of ascent of approximately 300 metres per minute. At Wilkes, observations were made using United States Weather Bure radiosondes operating on 1680 mc/s.

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

per Wind Observations

Upper wind observations were made at Macquarie Island either by radar following a diosonde balloon or a separate balloon carrying a radar target.

At Mawson they were obtained by visual means of tracking radiosonde balloons or ot balloons, and at Wilkes by using type G.M.D. - 1.B. rawinsonde equipment or by visual ans using pilot balloons.

nshine

Daily duration of sunshine was observed at Mawson and Macquarie Island using mpbell-Stokes sunshine recorders.

diation

At Mawson, a bimetallic actinograph was used for radiation observations and at lkes, Eppley Pyrheliometers were used to observe total radiation, diffuse radiation and solar diation at normal incidence, while radiation flux was observed, using a Beckman and Whitley mispheric radiometer.

CODE FOR VISIBILITY AT MAWSON AND DAVIS

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

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

Code for Visibility at Macquarie Island & Wilkes

Code Figure	Lower Limit	Upper Limit less than
00	Zero	110 yards
01	110 yards	220 yards
02	220 yards	330 yards
03	330 yards	440 yards
04	440 yards	550 yards
05	550 yards	660 yards
06	660 yards	770 yards
07	770 yards	880 yards
08	880 yards	1,000 yards
09	1,000 yards	1,100 yards
10	1,100 yards	1,200 yards
11	1,200 yards	1,300 yards
12	1,300 yards	1,450 yards
13	1,450 yards	1,550 yards
14	1,550 yards	1,650 yards
15	1,650 yards	1 statute mile
16	1 statute mile	$1\frac{1}{4}$ statute miles
20	$1\frac{1}{4}$ statute miles	$1\frac{1}{2}$ statute miles
24	$1\frac{1}{2}$ statute miles	2 statute miles
32	2 statute miles	$2\frac{1}{2}$ statute miles
40	$2\frac{1}{2}$ statute miles	3 statute miles
48	3 statute miles	4 statute miles
56	4 statute miles	5 statute miles
58	5 statute miles	6 statute miles
60	6 statute miles	7 statute miles
61	7 statute miles	8 statute miles
63	8 statute miles	9 statute miles
64	9 statute miles	10 statute miles
66	10 statute miles	15 statute miles
74	15 statute miles	20 statute miles
80	20 statute miles	25 statute miles
82	25 statute miles	30 statute miles
84	30 statute miles	40 statute miles
87	40 statute miles	
89	Greater than 40 statute miles	

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, visibility more than 1,100 yards.	
11	Patches of	shallow fog at the station, whether on land or sea, not deeper than about 2 metres on land or 10 metres at sea.
12	More or less continuous	
13	Lightning visible, no thunder heard.	
14	Precipitation within sight, not reaching the ground at the station.	
15	Precipitation within sight, reaching the ground, but distant (i.e. estimated to be more than 5 Km) from stations.	
16	Precipitation within sight, reaching the ground, near to but not at the station.	
17	Thunder heard, but no precipitation at the station.	
18	Squalls	within sight during the past hour.
19	Funnel Cloud(s)	
20	Drizzle (not freezing)	Not falling as shower(s)
21	Rain (not freezing)	
22	Snow	
23	Rain and snow	
24	Freezing drizzle or freezing rain	
25	Shower(s) of rain	
26	Shower(s) of snow, or of rain and snow	
27	Shower(s) of hail, or of hail and rain	
28	Fog, visibility less than 1100 yards	
29	Thunderstorm (with or without precipitation)	

30	Slight or moderate	(- has decreased during (the preceding hour
31	duststorm or sandstorm	(- no appreciable change (during the preceding hour
32		(- has increased during the (preceding hour
33	Severe duststorm	(- has decreased during (the preceding hour
34	or	(- no appreciable change (during the preceding hour
35	sandstorm	(- 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
43	Fog, sky not discernible	) the preceding hour
44	Fog, sky discernible	) no appreciable change during the
45	Fog, sky not discernible	) preceding hour
46	Fog, sky discernible	) has begun or has become thicker during
47	Fog, sky not discernible	) the preceding hour
48	Fog, depositing rime, sky discernible	
49	Fog, depositing rime, sky not discernible	
50	Drizzle, not freezing, intermittent	) slight at time
51	Drizzle, not freezing, continuous	) of observation
52	Drizzle, not freezing, intermittent	) moderate at time
53	Drizzle, not freezing, continuous	) of observation
54	Drizzle, not freezing, intermittent	) thick at time

56	Drizzle, freezing, slight	
57	Drizzle, freezing, moderate or thick	
58	Drizzle and rain, slight	
59	Drizzle and rain, moderate or heavy	
60	Rain, not freezing, intermittent	slight at time of observation
61	Rain, not freezing, continuous	
62	Rain, not freezing, intermittent	moderate at time of observation
63	Rain, not freezing, continuous	
64	Rain, not freezing, intermittent	heavy at time of observation
65	Rain, not freezing, continuous	
66	Rain, freezing, slight	
67	Rain, freezing, moderate or heavy	
68	Rain or drizzle and snow, slight	
69	Rain or drizzle and snow, moderate or heavy	
70	Intermittent fall of snow flakes	slight at time of observation
71	Continuous fall of snow flakes	
72	Continuous fall of snow flakes	moderate at time of observation
73	Continuous fall of snow flakes	
74	Intermittent fall of snow flakes	heavy at time of observation
75	Continuous fall of snow flakes	
76	Ice needles (with or without fog)	
77	Granular snow (with or without fog)	
78	Isolated starlike snow crystals (with or without fog)	
79	Ice pellets	
80	Rain shower(s), slight	
81	Rain shower(s), moderate or heavy	
82	Rain shower(s), violent	
83	Shower(s) of rain and snow mixed, slight	
84	Shower(s) of rain and snow mixed, moderate or heavy	
85	Snow shower(s), slight	

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	
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	
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	
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

CODES FOR CLOUD TYPES

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

0	No Stratocumulus, Stratus, Cumulus or Cumulonimbus clouds.

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

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.

5 Stratocumulus not formed by the spreading out of Cumulus.

6 Stratus or Fractostratus or both, but not Fractostratus of bad weather.

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

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,

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

8 Altocumulus in the form of Cumulus-shaped tufts or Altocumulus with turrets.

9 Altocumulus of a chaotic sky; generally at different levels; dense Cirrus in patches is usually also present.

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

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

0 No Cirrus, Cirrocumulus or Cirrostratus clouds.

1 Filaments or strands of Cirrus, scattered and not increasing (often "Mares' Tails").

2 Dense Cirrus in patches or twisted sheaves usually not increasing; possibly but not certainly the remains of the upper part of Cumulonimbus.

3 Cirrus, often anvil-shaped; either the remains of the upper portions of Cumulonimbus or part of a distant Cumulonimbus the rest of which is not visible. (If there is doubt as to the Cumulonimbus origin or association, Code $C_H = 2$ should be used).

4 Cirrus (often hook-shaped) gradually spreading over the sky and usually thickening as a whole.

5 Cirrus and Cirrostratus, often in bands converging toward the horizon; or Cirrostratus alone; in either case gradually spreading over the sky and usually thickening as a whole, but the continuous layer not reaching 45° altitude.

6 Cirrus and Cirrostratus, often in 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 veil 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

(In Metres)

Code Figure	
0	0 to 50 m
1	50 to 100 m
2	100 to 200 m

CODE FOR HEIGHT, ABOVE GROUND, OF BASE OF CLOUD (continued)

(In Metres)

ode Figure	
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)

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

MACQUARIE ISLAND

Latitude 54°30'S

Longitude 158°57'E

Height above M.S.L. 20 ft.

JANUARY 1965

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
00	1004.5	43.6	42.1	40.1	6.4	5.7	9.1
03	1004.0	43.5	42.2	40.2	6.7	5.8	11.1
06	1004.2	44.0	42.6	40.5	7.2	6.7	10.3
09	1004.3	45.3	43.5	40.7	7.2	6.0	10.9
12	1004.0	45.8	43.5	40.4	7.0	5.8	12.1
15	1004.2	46.0	43.7	40.7	6.7	5.1	12.1
18	1004.5	44.7	42.9	40.2	6.3	5.3	10.8
21	1004.9	44.1	42.6	40.6	6.7	5.6	9.1
All	1004.3	44.6	42.9	40.4	6.8	5.7	10.7

Rain (ts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (Mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
59	21	47.8	52.8	10	42.0	34.6	7	40.0	29.6 7th	3.0	347	W 54 10.50 14th

FEBRUARY 1965

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
00	995.8	42.9	41.0	38.4	5.4	4.9	12.9
03	995.2	42.6	40.7	37.6	5.7	5.5	14.1
06	995.5	42.9	40.9	38.4	6.0	4.5	14.3
09	995.5	44.3	42.0	38.5	6.1	4.8	13.9
12	995.4	45.3	42.7	39.0	6.2	4.9	15.2
15	995.4	45.1	42.6	39.0	6.4	5.0	15.1
18	995.3	43.8	41.5	38.2	6.5	5.0	13.2
21	995.7	42.6	40.9	38.5	5.6	4.6	13.3
All	995.5	43.7	41.5	38.5	6.0	4.9	14.0

Rain (ts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
278	28	47.0	50.1	25	41.3	37.6	13	37.9	27.8 25th	3.7	376	NW 66 08.40 25th

MACQUARIE ISLAND

Latitude 54°30'S

Longitude 158°57'E

Height above M.S.L. 20 ft.

MARCH 1965

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
00	994.1	43.9	42.4	40.2	5.6	4.7	20.6
03	993.9	43.6	42.0	39.6	5.6	4.8	20.1
06	994.0	43.5	41.9	39.4	6.2	4.6	19.4
09	994.8	44.5	42.7	40.3	6.4	4.4	19.4
12	992.6	45.3	43.2	40.0	5.9	4.3	19.5
15	993.5	44.8	42.9	40.2	6.3	4.9	19.1
18	993.0	44.3	42.6	40.4	6.2	4.7	20.8
21	993.2	44.1	42.7	40.4	5.8	4.8	20.1
All	993.6	44.3	42.5	40.1	6.0	4.7	19.9

Rain (pts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (Mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
427	29	46.9	50.0	9	41.5	34.8	29	38.4	31.7 2nd	2.6	514	NW 66 06.10 7th

APRIL 1965

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
00	1002.1	40.4	39.0	36.5	6.0	5.6	19.4
03	1002.2	40.4	38.9	36.5	6.0	5.5	18.6
06	1002.1	40.9	39.2	36.7	6.2	5.2	20.1
09	1002.1	41.5	39.6	36.5	6.6	5.8	23.6
12	1001.5	42.0	40.3	37.6	6.7	6.1	23.0
15	1001.2	41.3	40.1	38.0	6.7	6.1	21.5
18	1002.6	40.8	39.4	37.2	6.6	6.5	19.7
21	1002.5	40.1	38.8	36.6	5.9	5.8	19.0
All	1002.0	40.9	39.4	36.9	6.3	5.8	20.6

Rain (pts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
292	23	43.8	48.8	17	38.4	27.0	26	35.2	24.2 14th	1.3	495	W 74 14.25 28th

MACQUARIE ISLAND

Latitude 54°30'S

Longitude 158°57'E

Height above M.S.L. 20 ft.

MAY 1965

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
00	998.3	39.2	38.0	36.0	6.1	5.9	19.5
03	998.5	39.2	38.1	36.2	6.4	5.9	19.7
06	998.9	39.3	38.1	35.8	6.1	5.7	19.4
09	998.3	39.5	38.4	36.3	7.1	6.0	19.1
12	998.9	39.9	38.6	36.2	7.1	6.1	18.2
15	998.4	39.7	38.4	36.1	7.1	5.7	17.2
18	998.4	39.5	38.4	36.2	6.6	5.7	17.2
21	998.6	39.2	38.3	36.7	6.5	5.8	16.9
All	998.5	39.4	38.3	36.2	6.6	5.9	18.5

in s)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (Mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
311	28	41.9	44.8	16	36.9	28.8	26	34.1	25.6 26th	0.8	428	W 68 00.10 25th

JUNE 1965

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
00	996.3	39.3	37.8	35.4	6.0	5.5	21.6
03	996.2	38.9	37.5	35.2	6.3	6.1	20.8
06	996.0	38.9	37.5	35.4	6.1	6.0	21.3
09	996.4	38.8	37.3	34.7	6.8	6.3	22.4
12	996.8	38.9	37.2	34.1	6.7	6.0	22.5
15	997.3	39.0	37.4	34.5	6.9	5.9	21.8
18	997.1	38.7	37.2	34.9	6.5	6.2	22.0
21	997.0	39.2	37.6	34.8	6.6	5.3	21.8
All	996.6	39.0	37.4	34.9	6.5	5.9	21.8

in s)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
275	28	41.7	45.2	3	36.8	24.8	12	34.0	23.4 10	0.7	511	WNW 75 02.35 21st

MACQUARIE ISLAND

Latitude 54°30'S

Longitude 158°57'E

Height above M.S.L. 20 ft.

JULY 1965

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
00	1000.8	37.9	36.6	34.5	6.1	5.6	17.5
03	1000.7	37.8	36.5	34.1	5.4	5.0	15.5
06	1000.7	37.9	36.3	33.4	5.8	5.4	16.3
09	1001.2	37.8	36.3	33.6	6.5	5.6	15.7
12	1000.8	38.1	36.4	33.3	6.5	5.9	18.1
15	1000.7	37.8	36.4	33.5	6.6	6.3	17.2
18	1001.1	37.7	36.4	34.4	5.8	5.5	17.2
21	1001.1	37.7	36.6	34.5	6.1	5.8	17.4
All	1000.9	37.8	36.4	33.9	6.1	5.6	16.9

Rain (pts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (Mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
225	27	40.5	42.9	25	35.0	28.8	17	32.0	21.6 7th	1.1	419	W 62 18.12 19th

AUGUST 1965

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
00	1009.9	37.5	36.2	34.0	5.7	5.2	18.6
03	1009.5	37.5	36.1	33.4	5.9	5.6	17.9
06	1009.3	37.3	36.2	34.1	6.6	6.5	17.3
09	1010.0	38.2	36.6	34.1	6.7	6.0	20.2
12	1009.1	38.5	37.0	34.4	6.9	5.9	19.5
15	1008.7	38.2	36.6	34.0	6.6	5.4	20.6
18	1008.9	37.9	36.4	34.0	6.0	5.1	20.3
21	1009.4	37.7	36.5	34.1	6.5	6.2	18.9
All	1009.3	37.9	36.5	34.0	6.4	5.7	19.2

Rain (pts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
152	26	40.4	45.0	3	35.6	28.9	12	33.5	21.2 8th	1.4	494	NW 70 09.01 30th

ACQUARIE ISLAND

atitude 54°30'S

ongitude 158°57'E

eight above M.S.L. 20 ft.

SEPTEMBER 1965

ur	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
0	996.2	39.0	37.5	35.4	5.7	5.3	19.2
3	995.8	38.6	37.4	35.5	5.8	5.6	17.8
6	995.7	38.6	37.2	34.8	6.6	6.1	16.8
9	995.9	38.9	37.5	34.9	6.9	5.6	19.8
2	995.7	40.0	38.3	35.7	6.3	5.2	18.5
5	995.4	39.5	38.1	35.9	6.4	5.3	19.2
8	995.4	39.0	37.7	35.5	6.1	5.0	18.3
1	995.2	38.6	37.4	35.3	6.4	5.9	17.5
11	995.7	39.0	37.6	35.4	6.3	5.5	18.4

Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (Mls per day)	Max. Gust (kts)
	Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
1	27	41.9	44.4	1	36.3	30.2	30	34.3	27.8 13th	2.5	423	N 71 10.50 25th

OCTOBER 1965

ur	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
00	993.5	36.7	35.3	32.6	6.1	6.0	19.4
03	992.8	36.8	35.2	32.4	6.1	5.9	19.4
06	992.9	36.9	35.3	32.3	6.6	5.7	21.0
09	993.3	38.0	35.9	31.7	6.6	5.5	22.6
12	993.1	39.0	36.9	33.2	6.9	6.1	21.4
15	992.9	38.5	36.6	33.3	6.8	5.6	20.1
18	993.4	37.7	36.0	33.0	7.0	5.6	19.0
21	994.4	36.7	35.5	33.3	6.2	5.9	19.4
11	993.3	37.5	35.8	32.7	6.5	5.8	20.3

n)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
5	30	40.8	44.0	14	34.6	27.2	23	32.8	22.3	2.7	437	W 75 06.30 22nd

MACQUARIE ISLAND

Latitude 54°30'S

Longitude 158°57'E

Height above M.S.L. 20 ft.

NOVEMBER 1965

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
00	993.9	37.6	35.7	32.5	5.7	5.4	18.4
03	994.0	37.4	35.7	32.7	6.5	5.7	19.9
06	994.3	38.3	36.3	32.9	6.7	6.2	18.9
09	994.1	39.5	37.7	34.7	7.2	6.1	19.2
12	993.1	40.4	38.5	35.4	6.9	6.0	20.3
15	993.0	40.1	38.1	34.6	6.7	5.7	19.5
18	993.7	38.3	37.0	34.3	6.4	5.4	19.7
21	994.8	37.8	36.2	33.5	6.0	5.7	19.2
All	993.9	38.7	36.9	33.8	6.5	5.8	19.4

Rain (pts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (Mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
231	21	42.2	45.0	6	35.8	29.1	19	33.6	24.1 8th	3.0	396	W 63 18.07 27th 03.40 15th

DECEMBER 1965

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
00	997.7	39.2	38.1	36.2	6.8	6.1	21.0
03	997.2	38.6	37.5	35.5	7.1	6.6	19.2
06	997.6	39.3	38.1	35.8	7.3	6.9	18.8
09	997.5	40.3	38.9	36.4	7.5	6.9	19.5
12	997.3	41.1	39.5	37.0	7.1	6.5	21.6
15	996.8	41.2	39.5	36.9	7.1	6.5	22.3
18	996.4	40.0	38.5	36.2	6.9	6.1	22.4
21	996.9	39.4	38.2	36.5	6.9	6.0	20.3
All	997.2	39.9	38.5	36.3	7.1	6.5	20.6

Rain (pts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
399	26	43.5	48.9	22	37.5	33.1	18	36.4	27.6 29th	2.3	494	W 86 21.01 31st

MAWSON

Latitude 67°36'S

Longitude 62°53'E

Height above M.S.L. 27 ft.

JANUARY 1965

our	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	990.9	29.5		17.1	4.4	3.4	23.2
05	990.9	28.6		16.0	4.2	2.6	25.2
08	990.9	30.7		17.3	5.0	3.1	23.4
11	990.9	33.9		19.9	4.8	2.5	19.1
14	991.0	35.3		21.8	4.4	2.1	15.9
17	990.9	35.3		23.0	4.5	2.5	14.9
20	991.0	34.5		22.9	4.4	2.3	13.4
23	991.0	31.9		20.3	4.6	2.7	20.2
All	990.9	32.5		19.8	4.5	2.7	19.4

in s)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (Mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	36.7	43	1	27.4	22	25 26	-	-	9.4	460	SE 65 17th

FEBRUARY 1965

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	996.2	24.5		12.1	3.8	2.6	25.0
05	996.3	24.4		11.5	4.5	3.3	26.2
08	996.1	25.5		11.6	5.0	3.8	26.9
11	996.2	28.2		14.5	5.1	3.3	23.7
14	996.3	30.5		16.3	5.0	3.0	20.9
17	996.3	30.6		16.8	5.3	3.6	18.2
20	996.4	28.3		15.8	4.8	3.4	18.9
23	996.4	25.6		13.1	4.9	3.9	24.7
All	996.3	27.2		14.0	4.8	3.4	23.1

ain ts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	31.6	41.0	1	22.1	11.2	24	-	-	6.2	508	SE 66 09.35 13th

MAWSON

Latitude 67°36'S

Longitude 62°53'E

Height above M.S.L. 27 ft.

MARCH 1965

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	985.9	10.9		-5.3	3.5	2.6	22.8
05	985.7	10.1		-5.7	3.5	2.4	23.7
08	985.5	10.5		-5.7	4.6	3.0	22.8
11	985.4	13.2		-3.6	5.1	3.4	20.9
14	985.4	15.6		-1.8	5.0	2.8	19.0
17	985.1	15.7		-0.6	4.9	2.9	18.1
20	985.2	12.9		-2.9	4.2	3.0	20.9
23	985.2	10.7		-5.3	3.7	2.6	23.5
All	985.4	12.5		-3.9	4.3	2.8	21.5

ain pts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (Mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	16.4	32.5	3	7.7	-7.9	26	-	-	4.5	485	SE 77 10.25 16th

APRIL 1965

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	989.9	2.0		-9.6	2.0	1.6	21.3
05	990.1	2.4		-9.7	2.3	2.2	18.6
08	990.3	2.0		-9.9	4.3	3.1	20.2
11	990.5	4.1		-9.3	4.5	3.1	20.6
14	990.8	6.0		-7.6	4.8	3.2	19.1
17	991.0	5.4		-7.1	4.7	3.6	18.6
20	991.1	3.4		-8.5	3.5	2.7	18.1
23	991.3	2.6		-9.3	2.5	1.9	19.0
All	990.6	3.5		-8.9	3.6	2.7	19.4

ain pts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	7.7	24.0	24	-1.7	-19.7	15	-	-	3.8	404	SE 64 14.20 23rd

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

MAY 1965

our	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	993.6	8.6		-2.7	3.9	2.9	24.9
05	993.3	8.6		-2.9	3.9	2.8	26.5
08	993.1	8.4		-3.3	4.4	3.5	26.5
11	993.4	8.6		-3.0	5.0	3.9	27.6
14	993.7	9.1		-2.5	5.6	4.8	23.9
17	993.9	8.6		-2.4	5.3	3.8	23.6
20	993.7	8.8		-2.1	4.4	3.2	25.5
23	993.4	9.4		-2.2	4.4	3.8	26.8
All	993.5	8.8		-2.6	4.6	3.6	25.7

in s)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (Mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	12.3	24.6	10	5.2	-15.3	19	-	-	0.8	558	SE 91 23.15 28th

JUNE 1965

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	993.0	-5.7		-17.7	2.3	1.8	16.4
05	993.0	-5.8		-17.7	2.1	2.0	17.3
08	992.6	-5.6		-17.8	2.3	2.1	17.1
11	992.6	-5.9		-18.3	3.8	2.5	17.7
14	992.8	-5.9		-17.9	3.6	1.8	16.4
17	993.0	-6.7		-18.5	3.3	2.1	15.4
20	992.8	-6.5		-18.4	2.1	1.5	15.9
23	992.9	-6.2		-18.1	2.0	1.4	15.4
All	992.8	-6.0		-18.1	2.7	1.9	16.5

ain pts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	-2.1	17.5	1	-9.7	-17.6	28	-	-	0.0	328	SSE 56 15.50 17th

MAWSON

Latitude 67°36'S

Longitude 62°53'E

Height above M.S.L. 27 ft.

JULY 1965

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	987.3	-7.1		-15.7	2.7	2.3	19.4
05	987.1	-7.3		-15.6	2.4	2.3	21.4
08	987.2	-7.3		-15.6	3.1	2.7	20.5
11	987.5	-7.3		-16.3	4.1	3.4	19.2
14	987.6	-7.2		-16.2	4.0	2.9	20.3
17	987.7	-7.7		-16.0	3.7	2.9	19.6
20	987.5	-7.2		-15.6	3.4	2.8	18.1
23	987.1	-6.2		-14.6	3.0	2.2	19.5
All	987.4	-7.2		-15.7	3.3	2.7	19.7

ain ts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (Mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	-2.0	12.9	4 5	-11.8	-30.2	22	-	-	0.3	427	SE 91 21.55 25th

AUGUST 1965

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	987.5	-0.2		-9.5	4.9	4.2	27.7
05	987.6	-0.3		-8.5	5.3	4.5	28.3
08	987.6	-0.6		-8.8	5.2	4.5	28.2
11	987.5	0.2		-8.5	5.5	3.6	27.6
14	987.8	1.2		-8.1	5.9	4.1	25.2
17	987.5	0.6		-8.5	5.6	4.0	26.6
20	987.5	-0.5		-9.6	4.4	3.2	27.3
23	987.5	-0.3		-9.7	4.5	3.6	27.7
All	987.6	0.0		-8.9	5.2	4.0	27.3

in s)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
	-	4.1	20.9	21	-5.3	-24.9	8	-	-	1.6	563	SE 116 00.49 16th

MAWSON

Latitude 67°36'S

Longitude 62°53'E

Height above M.S.L. 27 ft.

SEPTEMBER 1965

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	983.9	-5.8		-14.2	2.7	2.3	28.0
05	983.7	-6.4		-14.7	2.5	2.0	27.1
08	983.4	-5.9		-14.2	4.5	3.4	29.6
11	983.6	-2.9		-12.0	4.4	2.6	25.7
14	984.0	-1.1		-10.1	4.4	2.9	22.7
17	984.1	-1.9		-10.2	4.7	2.8	21.7
21	984.0	-4.0		-12.3	3.9	3.1	24.9
23	984.5	-5.4		-13.5	3.1	2.5	26.0
A11	983.9	-4.2		-12.7	3.8	2.7	25.7

ain (pts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (Mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	0.6	20.5	17	-9.5	-19.3	7	-	-	4.9	523	SE 90 06.23 11th

OCTOBER 1965

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	982.5	4.7		-5.8	3.1	2.3	29.0
05	982.3	4.7		-6.1	3.6	2.6	28.6
08	982.3	7.0		-4.3	4.4	2.9	29.5
11	982.3	10.6		-1.9	4.2	2.3	27.5
14	982.7	12.8		0.7	4.0	2.4	23.1
17	982.7	12.3		0.5	3.9	2.2	22.1
20	982.8	8.6		-2.3	3.9	2.6	25.2
23	982.8	6.3		-4.1	3.9	2.8	28.2
A11	982.5	8.4		-2.9	3.9	2.5	26.7

Rain (pts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	14.1	26.1	15	1.3	-12.9	11	-	-	8.1	564	SE 104 14.04 14th

MAWSON

Latitude 67°36'S

Longitude 62°53'E

Height above M.S.L. 27 ft.

NOVEMBER 1965

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	976.4	14.1		2.8	3.9	3.0	26.9
05	976.1	14.2		2.1	4.4	2.8	27.8
08	976.0	16.9		4.2	4.8	2.9	28.6
11	976.1	21.1		7.7	4.9	3.3	24.6
14	976.2	23.1		9.7	4.7	2.7	19.8
17	976.3	22.6		10.4	4.3	2.8	17.8
20	976.5	20.6		9.6	4.4	2.6	18.1
23	976.7	16.9		6.0	4.5	3.3	24.4
All	976.3	18.7		6.6	4.5	2.9	23.5

Rain days (.01 in. or more)	Temperature °F									Sun-shine (hrs)	Anem. (Mls per day)	Max. Gust (kts)
	Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.				
-	24.2	32.6	23	12.1	0.2	8	-	-		10.1	527	ESE 110 14.05 1st

DECEMBER 1965

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	992.3	28.1		17.1	4.1	3.2	22.7
05	992.0	28.3		16.9	4.3	2.9	26.1
08	991.7	31.0		18.2	4.7	3.4	25.8
11	991.8	33.3		20.4	4.7	3.6	20.1
14	992.1	34.7		21.9	5.0	3.5	15.5
17	992.0	34.3		22.4	5.3	3.4	14.0
20	992.0	33.4		22.7	4.7	3.0	13.6
23	992.0	30.5		20.7	4.6	3.3	19.5
All	992.0	31.7		20.0	4.7	3.3	19.7

Rain days (.01 in. or more)	Temperature °F									Sun-shine (hrs)	Anem. (mls per day)	Max. Gust (kts)
	Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.				
-	35.9	47.8	8	26.3	15.1	3	-	-		9.3	449	ESE 72 13.40 26th

WILKES

Latitude 66°15'S

Longitude 110°35'E

Height above M.S.L. 39 ft.

JANUARY 1965

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
01	988.2	31.6	29.6	26.3	7.3	5.7	12.4
04	988.3	31.6	29.6	25.7	7.3	5.6	14.1
07	988.5	32.5	30.3	26.5	7.4	5.3	10.9
10	988.6	34.2	31.4	26.8	7.4	5.4	11.0
13	988.6	35.2	32.2	27.5	7.2	5.7	11.4
16	988.7	34.7	31.7	26.7	7.2	5.8	10.6
19	988.7	33.5	31.0	27.3	7.0	6.3	11.5
22	988.7	32.2	30.3	27.0	6.9	4.9	8.8
All	988.5	33.2	30.8	26.7	7.2	5.6	11.3

Rain (pts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (Mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
139	9	37.6	43.0	9 31	29.2	23.5	17	-	-	-	-	ESE 78 02.25 24t 23.37 23r

FEBRUARY 1965

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
01	994.3	27.4		20.1	5.1	4.3	12.4
04	994.0	26.0		17.6	4.4	3.8	11.5
07	994.2	27.6		19.4	5.1	3.5	14.1
10	994.3	30.1		22.1	5.3	4.1	12.4
13	994.3	31.3		23.1	5.7	4.9	12.5
16	994.4	31.6		23.6	6.1	5.0	12.2
19	994.6	29.5		22.4	5.6	4.5	12.4
22	994.5	28.0		21.7	5.6	5.3	9.5
All	994.3	28.9		21.3	5.4	4.4	12.1

Rain (pts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
65	4	35.2	42.8	15	22.4	13.0	5	-	-	-	284	SE 72 03.28 8th

WILKES

Latitude 66°15'S

Longitude 110°35'E

Height above M.S.L. 39 ft.

MARCH 1965

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
01	980.8	18.1		8.7	4.9	4.8	8.8
04	980.8	17.2		8.3	5.4	5.2	8.4
07	980.7	17.8		8.9	5.8	4.9	8.7
10	980.5	20.0		10.0	6.2	5.2	8.7
13	980.1	21.7		11.4	5.8	4.5	9.0
16	980.0	20.9		10.3	5.9	4.7	9.6
19	980.2	18.7		8.8	5.8	5.5	11.3
22	979.9	17.4		8.2	5.4	5.2	11.0
All	980.4	19.0		9.3	5.7	5.0	9.4

ain ots)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (Mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
219	9	24.6	35.2	1	11.5	-5.2	21	-	-	-	225	ENE 63 19.52 31st

APRIL 1965

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
01	986.0	6.3		-0.1	3.3	2.9	10.4
04	986.3	5.1		-0.4	2.8	2.8	12.6
07	986.9	4.8		-1.0	5.0	4.3	11.6
10	986.8	6.2		-0.5	5.3	4.1	10.0
13	986.7	7.6		1.7	5.5	5.0	10.4
16	986.3	8.3		1.8	5.5	4.8	10.4
19	986.5	7.7		1.1	4.0	3.9	11.2
22	986.6	7.4		1.2	3.4	3.1	11.5
All	986.5	6.7		0.5	4.3	4.0	11.0

ain ts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
55	8	13.3	31.0	22 23	-0.5	-16.0	6 7	-	-	-	271	E 72 ESE 10.24 22nd 17.30 26th

WILKES

Latitude 66°15'S

Longitude 110°35'E

Height above M.S.L. 39 ft.

MAY 1965

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
01	988.8	8.4		2.0	4.2	4.1	12.7
04	988.7	9.1		3.5	4.5	4.5	9.7
07	989.0	9.8		4.7	5.5	5.5	9.8
10	988.8	9.0		4.1	5.2	5.0	12.5
13	988.6	9.1		3.1	5.2	4.7	10.9
16	988.8	8.2		2.3	4.9	4.9	12.4
19	988.7	8.5		2.5	3.6	3.6	13.4
22	988.8	7.8		1.5	4.0	4.0	10.8
All	988.8	8.7		3.0	4.6	4.5	11.5

Rain (pts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (Mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
243	10	14.8	37.2	30	1.3	-18.4	19	-	-	-	270	E 87 12.19 25th

JUNE 1965

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
01	983.7	1.1		-4.5	4.7	4.4	13.8
04	983.3	1.1		-4.8	5.2	4.8	11.8
07	983.0	0.6		-4.5	5.3	4.9	13.2
10	982.8	0.1		-5.3	4.8	3.7	14.2
13	982.7	1.0		-4.0	5.6	4.7	15.7
16	983.2	1.2		-3.6	5.5	5.1	14.9
19	983.6	2.1		-3.2	4.8	4.6	13.5
22	983.6	0.9		-4.1	4.5	4.3	14.4
All	983.2	1.0		-4.3	5.1	4.6	13.9

Rain (pts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
134	7	6.4	32.4	30	-4.5	-28.0	11	-	-	-	328	E 90 18.15 13th

WILKES

Latitude 66°15'S

Longitude 110°35'E

Height above M.S.L. 39 ft.

JULY 1965

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
01	979.3	7.4		1.7	4.4	4.0	13.1
04	978.7	7.5		1.8	4.2	3.9	14.8
07	978.5	6.9		1.6	4.9	4.7	15.1
10	978.6	7.0		0.2	5.4	5.0	15.4
13	978.7	6.7		1.1	5.5	4.7	17.1
16	978.9	7.0		1.7	5.2	4.6	18.9
19	979.2	7.4		2.1	4.8	4.4	17.6
22	979.1	7.1		0.9	4.1	4.1	13.6
All	978.9	7.1		1.4	4.8	4.4	15.7

Rain (pts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (Mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
70	11	13.6	30.0	12	0.1	-15.4	28	-	-	-	-	SSW 98 05.57 5th

AUGUST 1965

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
01	981.7	6.6		2.0	5.6	5.6	16.0
04	981.2	7.2		2.3	5.9	5.9	16.0
07	981.6	7.8		3.4	5.8	5.4	19.9
10	981.7	7.6		1.9	6.1	5.5	17.5
13	981.4	8.4		2.6	5.9	5.4	16.4
16	981.7	6.9		1.5	5.3	5.0	14.7
19	982.2	6.1		1.4	4.8	4.6	16.8
22	982.5	6.4		1.3	5.5	5.5	16.6
All	981.7	7.1		2.1	5.6	5.4	16.7

Rain (pts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
63	15	13.1	33.1	22	1.5	-21.9	12	-	-	-	431	E 91 13.10 20th

WILKES

Latitude 66°15'S

Longitude 110°35'E

Height above M.S.L. 39 ft.

SEPTEMBER 1965

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
01	980.1	-0.9		-6.6	3.3	3.2	9.2
04	980.2	-0.7		-5.4	4.4	4.1	10.2
07	980.6	-1.0		-5.9	5.1	3.7	9.0
10	980.5	0.6		-5.6	5.1	4.0	11.2
13	980.2	2.6		-3.3	5.4	3.6	10.9
16	980.1	2.4		-3.4	5.6	3.9	10.8
19	980.2	1.1		-4.7	5.1	4.7	10.6
22	980.1	0.1		-6.3	4.3	4.2	10.8
All	980.3	0.5		-5.1	4.8	3.9	10.3

Rain (pts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (Mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
97	12	6.6	22.0	21	-5.8	-14.8	18	-	-	-	252	SE 7 15.15 21st

OCTOBER 1965

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Sp (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
01	978.3	9.5		5.1	4.8	4.5	10.6
04	978.5	8.7		4.6	5.1	5.0	9.3
07	978.6	10.1		5.0	5.2	4.5	9.4
10	978.5	13.3		7.7	5.3	4.2	8.4
13	978.3	14.6		9.5	5.8	5.3	9.2
16	977.9	14.6		9.6	6.0	5.2	10.8
19	978.0	11.4		7.1	4.8	4.0	12.5
22	978.1	10.6		6.3	4.5	4.0	10.9
All	978.3	11.6		6.9	5.2	4.6	10.1

Rain (pts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
132	13	17.3	24.9	28	4.4	-9.4	14	-	-	-	224	E 00.40 6th

WILKES

Latitude 66°15'S

Longitude 110°35'E

Height above M.S.L. 39 ft.

NOVEMBER 1965

our	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
91	978.2	14.3		9.2	5.7	4.3	10.3
94	978.2	14.4		9.4	5.8	4.3	9.8
97	978.3	16.6		11.2	5.8	3.8	10.7
0	978.3	18.1		12.1	5.2	3.7	12.3
3	978.5	19.8		13.1	5.0	4.3	10.7
6	978.5	19.9		13.0	5.1	4.1	10.3
9	978.7	18.3		11.6	5.7	4.4	9.0
2	978.7	16.3		10.7	5.7	4.6	9.5
11	978.4	17.2		11.3	5.5	4.2	10.3

n)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (Mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
	8	21.5	30.5	19	10.7	-2.2	5	-	-	.	273	ESE 74 03.09 19th

DECEMBER 1965

our	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
1	992.2	27.3		20.5	5.1	4.1	9.2
4	992.3	27.7		19.0	5.4	3.8	9.1
7	992.6	29.4		20.6	5.2	3.0	9.7
0	992.6	31.2		22.3	5.1	2.9	8.6
3	992.5	31.9		23.6	5.4	3.2	10.3
6	992.1	31.5		23.6	5.2	2.6	9.3
9	992.0	30.8		24.0	5.8	4.2	8.4
2	991.9	29.1		22.8	5.3	4.0	7.6
11	992.3	29.9		22.1	5.3	3.5	9.0

n)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (mls per day)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
	6	34.7	44.3	7	24.6	12.2	1	-	-	-	244	E 68 22.18 17th

FREQUENCY ANALYSES
MACQUARIE ISLAND 1965

Station Level Pressure

Upper Limit Range - mb	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
955			1		2	2							5
960			1		6	5							12
965			1	2	8	6			2	1			20
970			5	5	19	8	2		11	6		4	58
975			12	10	26	16	5		22	18	9	6	124
980	6	2	22	16	41	28	11	6	41	38	23	18	252
985	18	16	38	25	61	55	45	12	69	61	39	34	473
990	30	35	80	56	76	85	58	18	85	87	73	63	746
995	70	101	121	85	89	111	73	31	107	129	138	93	1148
1000	96	167	176	99	114	155	120	40	139	177	183	134	1598
1005	132	210	231	132	138	182	143	62	166	218	205	183	2002
1010	152	224	244	154	177	191	191	105	199	232	224	226	2317
1015	195	224	248	179	207	204	212	175	223	240	240	248	2595
1020	216	224	248	223	225	213	229	214	240	248	240	248	2768
1025	233	224	248	237	241	225	241	239	240	248	240	248	2864
1030	248	224	248	240	248	240	248	243	240	248	240	248	2915
1035	248	224	248	240	248	240	248	248	240	248	240	248	2920

Maximum Temperature

Upper Limit Range - °F													
35				1	2			2		3			8
36				2	2	2		6		3			15
37				3	5	3	2	9		5			27
38				4	7	5	3	9	1	6			35
39				4	7	5	6	10	4	8	2	3	49
40				6	7	7	15	12	5	12	6	3	73
41				7	8	12	24	18	7	14	9	5	104
42		1		8	10	16	29	21	19	21	17	9	151
43		1	1	11	20	22	31	26	28	27	22	15	204
44	3	1	2	12	28	28	31	29	30	31	29	21	245
45	5	5	4	20	31	30	31	31	30	31	30	27	275
46	7	12	13	24	31	30	31	31	30	31	30	28	298
47	14	16	21	26	31	30	31	31	30	31	30	30	321
48	20	20	26	29	31	30	31	31	30	31	30	30	339
49	26	27	29	30	31	30	31	31	30	31	30	31	357
50	28	28	31	30	31	30	31	31	30	31	30	31	362
51	29	28	31	30	31	30	31	31	30	31	30	31	363
53	31	28	31	30	31	30	31	31	30	31	30	31	365

Minimum Temperature

Upper Limit Range - °F													
25						1							1
27				1		2				1			4
28				1	1	2				4			8
29				2	1	3	1	2		4	1		14
30				3	2	4	1	3	1	6	1		21
31				4	5	4	4	5	1	7	1		31
32				5	5	5	10	6	2	9	6		48
33				6	7	6	12	11	9	11	8	3	73
34				7	8	7	13	16	11	15	9	4	90
35	1		1	8	11	12	16	19	13	18	16	9	124
36	1		1	10	16	12	18	19	13	19	18	11	139
37	2		2	13	16	15	23	19	15	22	21	14	162
38	3	4	4	13	19	16	27	21	21	25	25	18	194
39	5	8	9	13	21	19	30	24	27	28	25	22	231
40	9	12	12	16	22	24	31	25	29	31	28	27	266
41	14	12	15	21	25	25	31	30	30	31	28	31	293
42	15	19	19	24	31	29	31	30	30	31	30	31	320
43	19	21	23	24	31	29	31	31	30	31	30	31	331
44	27	28	26	28	31	30	31	31	30	31	30	31	354
45	30	28	30	30	31	30	31	31	30	31	30	31	363
47	31	28	31	30	31	30	31	31	30	31	30	31	365

FREQUENCY ANALYSES
MACQUARIE ISLAND 1965

Terrestrial Minimum Temperature

Upper Limit Range - °F	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
21								1					1
22							1	1		1			3
23						1	1	1		2			5
24				1		1	1	1		2	1		7
25				1		1	2	1		3	1		9
26				3	2	3	3	1		5	1		18
27				4	3	4	3	1		5	2		22
28				5	6	4	4	3	3	5	2	1	33
29		1		7	7	6	8	4	4	7	3	3	50
30	1	1		8	8	8	10	7	6	9	4	3	65
31	1	2		8	11	10	15	10	8	11	5	4	85
32	1	4	3	11	13	12	17	16	10	17	12	5	121
33	2	5	4	12	15	13	19	19	12	19	17	5	142
34	5	6	5	13	16	14	21	19	14	20	20	9	162
35	6	6	8	14	19	17	25	20	19	21	24	12	191
36	7	9	9	14	20	17	27	21	20	23	24	13	204
37	7	12	12	16	20	19	29	23	22	23	26	15	224
38	9	15	18	21	22	23	30	24	26	23	26	19	256
39	14	17	18	22	24	26	31	29	28	28	26	26	289
40	18	21	20	23	28	30	31	29	30	31	27	28	316
41	20	24	23	25	31	30	31	31	30	31	30	31	337
42	23	27	24	27	31	30	31	31	30	31	30	31	346
43	23	27	27	29	31	30	31	31	30	31	30	31	351
44	24	27	28	30	31	30	31	31	30	31	30	31	354
45	28	27	30	30	31	30	31	31	30	31	30	31	360
46	29	27	30	30	31	30	31	31	30	31	30	31	361
47	31	27	30	30	31	30	31	31	30	31	30	31	363
51	31	28	30	30	31	30	31	31	30	31	30	31	364

Maximum Speed of Wind Gust

Upper Limit Range - Knots													
10	1												1
20	9	1			1		2	1		1			15
30	24	12	5	4	4	3	7	10	2	2	3	3	79
40	28	20	13	8	17	5	16	17	13	8	10	15	170
50	29	25	23	20	24	16	28	25	23	22	21	25	282
60	30	27	29	28	29	23	29	28	29	26	28	30	337
70	30	28	31	29	31	28	31	31	29	30	30	30	359
80	30	28	31	30	31	30	31	31	30	31	30	30	364
90	30	28	31	30	31	30	31	31	30	31	30	31	365

Daily Duration of Sunshine

00	7	5	12	14	17	12	16	12	10	12	10	14	141
01	9	10	15	19	22	22	19	18	13	13	11	15	186
02	17	12	18	23	25	28	23	22	14	17	14	20	233
03	19	14	21	25	27	29	27	23	19	19	16	22	261
04	22	16	22	26	31	29	28	27	21	20	22	24	288
05	25	19	22	27	31	30	31	31	24	23	25	24	312
06	26	20	25	28	31	30	31	31	26	24	26	25	323
07	27	23	26	30	31	30	31	31	28	29	27	27	340
08	28	25	30	30	31	30	31	31	30	30	27	30	353
09	30	26	31	30	31	30	31	31	30	31	27	31	359
10	30	26	31	30	31	30	31	31	30	31	28	31	360
11	30	28	31	30	31	30	31	31	30	31	30	31	364
12	30	28	31	30	31	30	31	31	30	31	30	31	364
13	31	28	31	30	31	30	31	31	30	31	30	31	365

Daily Amount of Precipitation

Upper Limit Range - Points													
000	10	3	2	7	3	2	4	5	3	1	9	5	54
005	21	13	9	14	16	14	16	20	17	9	15	22	186
010	25	19	17	15	21	22	24	25	21	23	23	23	258
020	30	25	26	26	26	27	28	31	27	29	27	25	327
030	31	26	27	29	28	28	30	31	29	31	28	25	343
040	31	27	28	29	30	30	31	31	30	31	29	28	355
050	31	28	29	30	30	30	31	31	30	31	29	28	359
060	31	28	30	30	31	30	31	31	30	31	30	29	362
070	31	28	31	30	31	30	31	31	30	31	30	30	364

FREQUENCY ANALYSES
MACQUARIE ISLAND 1965

Screen Temperature v Dew Point Depression

Dew Point Depression

	°F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	> 14	Total
Jan.	36							2										2
	37							2		1								3
	38				1			2		1								4
	39				1		2	2	1	1	1						1	9
	40			1	5	1	3	2	2	1	1						1	17
	41			2	5	1	9	3	2	2	5	4	1				1	35
	42			4	5	1	15	8	3	8	6	4	1		1	2	1	59
	43	1		5	5	1	16	8	8	9	7	4	2		1	2	1	70
	44	5	1	12	6	4	19	10	15	9	7	5	2		2	2	1	100
	45	15	10	21	6	6	25	11	21	10	7	6	2		4	2	1	147
	46	30	11	30	7	7	29	11	22	11	7	9	2		6	3	1	186
	47	45	15	38	8	10	30	11	24	11	9	9	2		6	3	1	222
	48	50	15	41	9	11	30	12	25	11	1	10	2		6	3	1	236
	49	51	15	46	10	12	31	12	25	11	1	10	2		6	3	1	245
	50	51	16	46	10	12	31	12	25	11	1	10	2		6	3	1	246
	51	51	16	46	10	13	31	13	25	11	1	10	2		6	3	1	248
Feb.	38						1			1								2
	39				2		4	2	1	2		1	1					13
	40			2	2		5	4	3	5		3	2					26
	41			5	4	1	10	4	3	10	2	4	3					46
	42			6	5	1	15	4	3	15	3	5	6	1		1		65
	43	1	2	9	6	5	20	6	3	21	4	8	7	1		1	1	95
	44	5	4	15	8	6	31	8	7	21	4	9	8	2		1	1	130
	45	14	11	24	8	10	39	10	10	24	5	9	9	2		1	1	177
	46	16	15	27	8	10	43	11	12	25	6	10	9	2	1	1	1	197
	47	20	16	30	10	13	44	11	14	27	7	10	9	2	1	1	1	216
	48	20	16	30	12	14	45	11	15	27	8	10	9	2	1	1	1	222
	49	20	16	30	12	14	45	11	15	27	9	10	9	2	1	1	2	224
Mar	35			1														1
	38			1					1									2
	39			1				1	2	2			1					7
	40			1		1		3	3	6			4		1		1	20
	41		1	3		2	2	3	3	7	1		6	1	2	2	2	35
	42		1	4		2	4	3	3	7	1	4	7	3	3	4	2	48
	43	2	3	6	1	2	12	4	7	14	3	6	7	3	4	4	3	81
	44	6	7	12	6	4	19	9	10	14	3	7	7	3	4	4	3	118
	45	21	16	27	9	5	27	10	14	14	3	8	7	3	4	4	3	175
	46	31	24	39	9	5	29	10	16	14	3	8	7	3	4	4	3	209
	47	40	29	42	9	10	29	11	19	14	3	8	7	3	4	4	3	235
	48	44	31	46	9	10	29	11	19	14	3	8	7	3	4	4	3	245
	49	46	32	46	9	10	29	11	19	14	3	8	7	3	4	4	3	248
	29		1															1
	31		2		1			1	1									5
	32	1	2	2	2	1	1	4	1									14
	33	1	3	2	2	1	4	6	2		1		1					23
	34	1	3	2	3	2	4	9	2	2	1	2	1				1	33
	35	1	5	2	3	3	5	9	2	2	3	4	1	1		1	1	43
	36	1	5	2	3	3	5	10	2	2	3	4	2	3		1	1	47
	37	1	5	5	6	3	6	12	2	4	3	4	2	4		1	1	59
	38	1	5	7	8	3	8	12	2	6	3	4	2	4		1	1	67
	39	1	6	9	9	3	10	14	4	8	4	4	2	4		1	1	80
	40	1	6	12	9	3	10	14	4	10	4	5	2	4		1	2	87
	41	2	6	14	9	6	14	14	4	11	4	5	2	4		1	2	98
	42	7	9	22	10	10	18	16	6	14	4	5	3	4		1	2	131
	43	13	9	26	11	11	22	17	7	18	4	5	3	4		1	2	153

FREQUENCY ANALYSES
MACQUARIE ISLAND 1965

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		9	10	3	0	0	0	22
	02 03 04		1	1	0	0	0	0	2
	05 06 07		2	0	0	0	0	0	2
	08 09 10		4	0	0	0	0	0	4
	11 12 13		4	7	0	0	0	0	11
	14 15 16		14	9	0	0	0	0	23
	17 18 19		5	5	1	0	0	0	11
	20 21 22		3	0	0	0	0	0	3
	23 24 25		6	0	0	0	0	0	6
	26 27 28		18	18	3	0	0	0	39
	29 30 31		14	20	4	2	0	0	40
	32 33 34		19	39	16	0	0	0	74
									11
		11	99	109	27	2	0	0	248
Feb	35 36 01		2	4	2	1	0	0	9
	02 03 04		0	0	0	0	0	0	0
	05 06 07		0	0	0	0	0	0	0
	08 09 10		0	0	0	0	0	0	0
	11 12 13		0	0	0	0	0	0	0
	14 15 16		1	1	0	0	0	0	2
	17 18 19		9	12	1	0	0	0	22
	20 21 22		10	3	0	0	0	0	13
	23 24 25		7	12	1	0	0	0	20
	26 27 28		10	26	23	1	0	0	60
	29 30 31		7	27	13	0	0	0	47
	32 33 34		7	30	11	0	0	0	48
									3
		3	53	115	51	2	0	0	224
Mar.	35 36 01		1	1	3	0	0	0	5
	02 03 04		0	0	0	0	0	0	0
	05 06 07		0	0	0	0	0	0	0
	08 09 10		2	1	0	0	0	0	3
	11 12 13		0	2	0	0	0	0	2
	14 15 16		2	4	0	0	0	0	6
	17 18 19		1	1	0	0	0	0	2
	20 21 22		4	0	0	0	0	0	4
	23 24 25		2	6	3	1	0	0	12
	26 27 28		2	16	26	4	2	0	50
	29 30 31		11	38	34	20	1	0	104
	32 33 34		3	21	19	14	1	0	58
									2
		2	28	90	85	39	4	0	248
Apr.	35 36 01		1	4	1	0	0	0	6
	02 03 04		0	0	0	0	0	0	0
	05 06 07		0	0	0	0	0	0	0
	08 09 10		1	0	0	0	0	0	1
	11 12 13		0	0	0	0	0	0	0
	14 15 16		1	1	1	0	0	0	3
	17 18 19		5	5	4	1	0	0	15
	20 21 22		0	8	2	0	0	0	10
	23 24 25		2	10	6	0	0	0	18
	26 27 28		1	15	47	18	3	0	84
	29 30 31		5	10	28	7	0	0	50
	32 33 34		3	15	17	8	0	0	43
									8

FREQUENCY ANALYSES
MACQUARIE ISLAND 1965

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		4	15	3	0	0	0	22
	02 03 04		2	0	0	0	0	0	2
	05 06 07		0	0	0	0	0	0	0
	08 09 10		0	2	0	1	0	0	3
	11 12 13		0	1	0	0	0	0	1
	14 15 16		1	2	0	0	0	0	3
	17 18 19		7	10	3	0	0	0	20
	20 21 22		4	7	0	0	0	0	11
	23 24 25		3	7	1	0	0	0	11
	26 27 28		1	21	34	18	0	0	74
	29 30 31		2	23	18	2	0	0	45
	32 33 34		1	24	27	1	0	0	53
		0	25	112	86	22	0	0	0
									245
Jun.	35 36 01		3	3	3	0	0	0	9
	02 03 04		0	0	0	0	0	0	0
	05 06 07		0	1	0	0	0	0	1
	08 09 10		0	0	0	0	0	0	0
	11 12 13		0	0	0	0	0	0	0
	14 15 16		1	4	0	0	0	0	5
	17 18 19		0	1	1	0	0	0	2
	20 21 22		5	7	7	0	0	0	19
	23 24 25		3	13	4	0	0	0	20
	26 27 28		1	21	42	9	5	1	79
	29 30 31		0	13	31	16	6	1	67
	32 33 34		4	17	10	5	2	0	38
		0	17	80	98	30	13	2	0
									240
Jul.	35 36 01		2	3	4	0	0	0	9
	02 03 04		0	0	0	0	0	0	0
	05 06 07		0	0	0	0	0	0	0
	08 09 10		0	0	0	0	0	0	0
	11 12 13		1	1	0	0	0	0	2
	14 15 16		0	1	4	0	0	0	5
	17 18 19		8	8	2	0	0	0	18
	20 21 22		6	7	0	0	0	0	13
	23 24 25		4	4	2	0	0	0	10
	26 27 28		2	25	22	5	0	0	54
	29 30 31		9	34	27	3	0	0	73
	32 33 34		9	25	22	5	0	0	61
		3	41	108	83	13	0	0	3
									248
Aug.	35 36 01		0	0	5	1	0	0	6
	02 03 04		0	0	0	0	0	0	0
	05 06 07		0	0	0	0	0	0	0
	08 09 10		0	0	0	0	0	0	0
	11 12 13		0	7	8	0	0	0	15
	14 15 16		6	13	8	0	0	0	27
	17 18 19		7	5	0	0	0	0	12
	20 21 22		2	0	0	0	0	0	2
	23 24 25		7	3	2	0	0	0	12
	26 27 28		4	12	18	5	0	0	39
	29 30 31		5	13	25	7	0	0	50
	32 33 34		3	21	33	17	3	0	77
									7
									247

FREQUENCY ANALYSES
MACQUARIE ISLAND 1965

Direction and Speed of Surface Wind

	Direction x°10	Calm	1-9	10-19	20-29	30-39	40-49	≥ 50	Total
ep	35 36 01		9	7	4	2	0	0	22
	02 03 04		1	0	0	0	0	0	1
	05 06 07		0	0	0	0	0	0	0
	08 09 10		1	1	0	0	0	0	2
	11 12 13		1	0	0	0	0	0	1
	14 15 16		0	1	0	0	0	0	1
	17 18 19		0	2	0	1	0	0	3
	20 21 22		0	0	0	0	0	0	0
	23 24 25		3	5	0	0	0	0	8
	26 27 28		7	23	15	11	0	0	56
	29 30 31		4	31	27	5	0	0	67
	32 33 34		9	26	35	6	0	0	76
									2
		2	35	96	81	25	0	0	239
	35 36 01		1	2	1	0	0	0	4
	02 03 04		2	0	0	0	0	0	2
	05 06 07		0	1	0	0	0	0	1
	08 09 10		0	3	0	0	0	0	3
	11 12 13		0	1	0	0	0	0	1
	14 15 16		0	1	0	1	0	0	2
	17 18 19		1	8	3	0	0	0	12
	20 21 22		6	2	0	0	0	0	8
	23 24 25		3	8	0	0	0	0	11
	26 27 28		6	21	45	14	0	1	87
	29 30 31		5	15	41	11	0	0	72
	32 33 34		5	7	21	11	0	0	44
									1
		1	29	69	111	37	0	1	248
	35 36 01		0	13	10	1	0	0	24
	02 03 04		0	0	1	0	0	0	1
	05 06 07		0	0	0	0	0	0	0
	08 09 10		1	0	0	0	0	0	1
	11 12 13		0	0	0	0	0	0	0
	14 15 16		3	2	0	0	0	0	5
	17 18 19		4	8	1	0	0	0	13
	20 21 22		1	2	0	0	0	0	3
	23 24 25		1	4	4	0	0	0	9
	26 27 28		0	30	39	10	1	0	80
	29 30 31		1	20	16	4	0	0	41
	32 33 34		1	30	27	3	0	0	61
									2
		2	12	109	98	18	1	0	240
	35 36 01		1	4	0	0	0	0	5
	02 03 04		1	0	0	0	0	0	1
	05 06 07		0	1	0	0	0	0	1
	08 09 10		1	0	0	0	0	0	1
	11 12 13		0	0	3	3	0	0	6
	14 15 16		0	0	1	6	3	0	10
	17 18 19		1	18	0	1	0	0	20
	20 21 22		4	9	0	0	0	0	13
	23 24 25		1	4	2	0	0	1	8
	26 27 28		5	30	58	14	1	0	108
	29 30 31		6	19	28	6	1	0	60
	32 33 34		1	5	2	1	0	0	9
									2
		2	21	[illegible]					

FREQUENCY ANALYSES
MACQUARIE ISLAND 1965

Results of Radiosonde Observations

1100 HRS GMT.

Temperature at 850 mb

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
509				4									4
506	1	2	5	9								6	23
503	9	12	11	14	1							8	55
000	18	23	20	18	1							9	89
003	23	26	28	26	2							9	114
006	26	27	28	30	2							9	122
009	27	27	29	30	2							9	124
012	30	27	31	30	2							9	129
015	31	27	31	30	2							9	130

Temperature at 700 mb

521				1									1
518				5									5
515	1	1	1	6								3	12
512	5	7	9	12								7	40
509	8	14	17	15	1							8	63
506	14	21	24	20	1							8	88
503	22	26	27	26	2							9	112
000	28	27	29	30	2							9	125
003	30	27	31	30	2							9	129
006	31	27	31	30	2							9	130

Temperature at 500 mb

536				2									2
533	1		1	5									7
530	3	3	3	9								1	19
527	6	8	7	12	1							6	40
524	9	14	17	15	1							7	63
521	17	19	22	20	1							8	87
518	21	25	26	30	2							9	113
515	28	27	28	30	2							9	124
512	30	27	31	30	2							9	129

Temperature at 300 mb

554	1	1	1										3
551	3	7	6	8	1							3	28
548	11	8	13	16	2							5	55
545	21	16	21	28	2							7	95
542	27	24	28	29	2							7	117
539	29	25	31	30	2							7	124
536	29	27	31	30	2							8	127

FREQUENCY ANALYSES
MACQUARIE ISLAND 1965

Results of Radiosonde Observations

2300 HRS GMT.

Temperature at 850 mb

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
512						1							1
509				4	2	4	3	3	4	8	3	2	33
506	2	2	5	10	6	11	9	10	12	16	13	12	108
503	8	14	11	12	12	17	18	17	19	22	17	14	181
000	17	23	21	20	20	23	30	29	27	27	25	18	280
003	24	27	29	24	28	29	31	31	28	31	29	27	338
006	26	27	30	28	29	30	31	31	29	31	30	28	350
009	29	27	31	29	30	30	31	31	29	31	30	30	358
012	30	28	31	30	30	30	31	31	29	31	30	30	361
015	31	28	31	30	30	30	31	31	29	31	30	31	363

Temperature at 700 mb

524						1							1
521					1	1		1		1			4
518				3	3	3	3	1	3	8	3		27
515	1	1	2	7	6	8	6	3	8	11	8	7	68
512	6	7	10	10	10	16	13	13	14	15	11	10	135
509	9	14	16	12	13	24	27	25	21	24	19	14	218
506	12	23	21	20	26	27	30	31	26	26	24	19	285
503	22	27	27	24	29	30	31	31	29	29	29	28	336
000	29	28	31	30	30	30	31	31	29	31	30	31	361
003	30	28	31	30	30	30	31	31	29	31	30	31	362
006	31	28	31	30	30	30	31	31	29	31	30	31	363

Temperature at 500 mb

539					1								1
536				1	2	3	4		2	2	2		16
533			2	3	4	7	5	5	5	9	2		42
530	3	6	4	8	9	14	13	8	10	11	7		93
527	4	9	9	10	11	22	25	22	15	16	8	12	163
524	10	16	13	13	22	26	30	29	25	25	15	15	239
521	13	21	22	23	27	28	31	31	29	27	26	19	297
518	22	26	26	28	29	30	31	31	29	30	28	26	336
515	28	27	29	30	30	30	31	31	29	31	30	31	357
512	31	28	31	30	30	30	31	31	29	31	30	31	363

Temperature at 300 mb

560					1	1	1	1		1			5
557			2	2	2	6	5	6	3	2			24
554	1	2	4	7	8	12	18	23	13	5	1	2	87
551	2	9	11	15	23	21	28	29	22	16	5	5	164
548	9	17	20	27	28	27	30	30	28	21	13	13	234
545	21	22	24	30	30	30	31	31	29	30	24	21	311
542	27	24	30	30	30	30	31	31	29	31	27	29	341
539	31	27	31	30	30	30	31	31	29	31	29	31	357
536	31				30	30	31	31	29	31	30	31	362

FREQUENCY ANALYSES
MACQUARIE 1965

1100 HRS GMT.

Temperature at 200 mb

Upper Limit Range °C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
566				2	1								3
563	2			6	1								9
560	6		1	10	1								18
557	9	1	2	12	1								25
554	11	4	4	15	2								36
551	16	5	10	21	2							2	56
548	19	10	18	25	2							5	79
545	22	16	25	29	2							7	101
542	27	25	30	30	2							8	112
539	29	26	30	30	2							8	125
536	29	27	30	30	2								126

Temperature at 150 mb

563					1								1
560			1	3	1								5
557	3		2	9	2								16
554	10	2	5	14	2							1	33
551	15	5	12	22	2							1	57
548	20	12	21	27	2							3	83
545	26	23	28	30	2							7	112
542	29	25	28	30	2							7	121
539	29	26	29	30	2								123

Temperature at 100 mb

560			1	1	1								3
557	1		1	6	2								10
554	5		3	16	2							1	27
551	15	4	11	22	2							1	55
548	21	17	18	23	2							1	82
545	28	23	20	23	2							4	100
542	28	23	20	23	2							5	101

Temperature at Tropopause

572					1								1
569				1	1								2
566	1			2	1								4
563	4		1	7	1								13
560	10	1	2	12	1								26
557	12	5	7	14	2							1	40
554	18	11	11	19	2							4	62
551	20	15	20	24	2							7	85
548	25	19	24	27	2							7	104
545	27	22	28	28	2							7	114
542	28	25	29	29	2							7	120
539	28	26	30	30	2							8	124
536	29	27	30	30	2							8	126

FREQUENCY ANALYSES
MACQUARIE ISLAND 1965

Temperature at 200 mb

2300 HRS GMT.

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
575								1					1
572						1	2	2		1			6
569					1	2	4	6		1			14
566					5	2	4	12	1	2			26
563	3			6	8	6	9	15	6	5		1	59
560	4		1	9	13	9	12	19	9	6		3	85
557	7	1	6	13	16	12	21	25	15	11		6	135
554	11	3	7	15	19	18	23	29	21	13	5	8	172
551	15	4	11	20	23	22	24	31	23	18	9	10	210
548	18	8	16	26	29	25	28	31	27	24	18	12	262
545	21	16	23	30	30	28	31	31	27	27	23	23	310
542	28	19	30	30	30	29	31	31	29	29	24	28	338
539	31	26	31	30	30	29	31	31	29	30	28	31	357
536	31	27	31	30	30	29	31	31	29	30	30	31	360

Temperature at 150 mb

569						1		1					2
566						2	2	3	1	2			10
563				1	2	4	3	9	1	2			22
560			1	2	4	6	6	17	5	2		1	44
557	3		1	5	12	9	14	25	10	3		2	84
554	6		3	15	18	16	20	31	17	9		4	139
551	16	1	13	23	22	22	23	31	23	17	3	8	202
548	21	9	18	28	26	26	27	31	24	21	14	11	256
545	26	19	31	29	28	28	30	31	27	27	23	22	321
542	29	26	31	29	28	29	30	31	28	28	24	29	342
539	31	27	31	29	28	29	30	31	28	28	28	29	349
536	31	27	31	29	28	29	30	31	28	29	29	29	351

Temperature at 100 mb

569								1					1
566								6					6
563						1		8	2				11
560					6	4	6	16	3	1			36
557			1	5	11	10	12	23	6	2			70
554	2		4	16	19	15	15	26	12	3		2	114
551	10	3	9	23	22	17	20	27	15	9		6	161
548	19	13	20	28	24	20	26	27	19	13	3	14	226
545	24	23	23	28	25	23	27	27	23	18	12	21	274
542	26	24	23	28	25	24	27	27	23	21	19	26	293
539	27	24	23	28	25	24	27	27	23	23	20	26	297
536	27	24	23	28	25	24	27	27	23	23	21	26	298

Temperature at Tropopause

575						1		1					2
572					1	2	3	3	1	1			11
569					2	4	5	7	2	3			23
566	1			2	7	9	8	14	4	5			50
563	4		1	7	11	12	14	20	11	7	1	1	89
560	8	1	3	11	18	15	22	25	16	11	5	6	141
557	12	4	8	17	22	18	23	28	20	17	11	10	190
554	16	7	15	21	26	22	26	29	23	21	14	15	235
551	22	10	18	26	27	27	29	30	27	24	21	19	280
548	27	18	23	26	30	29	31	31	29	25	24	25	318
545	28	22	27	30	30	29	31	31	29	29	26	27	339
542	30	26	30	30	30	30	31	31	29	30	28	30	355
539	31	26	31	30	30	30	31	31	29	30	30	31	360
536	31	27	31	30	30	30	31	31	29	30	30	31	361

FREQUENCY ANALYSES
MACQUARIE 1965

1100 HRS GMT.

Geopotential at 850 mb

Upper Limit Range · °C	Jan.	Feb.	Mar..	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
100				1									1
105				1									1
110				1								1	2
115			5	2								2	9
120	3	2	5	4								5	19
125	5	8	9	9								8	39
130	10	17	21	13	1							8	70
135	15	25	28	17	1							9	95
140	18	27	30	20	1							9	105
145	24	27	31	23	2							9	116
150	28	27	31	29	2							9	126
155	31	27	31	30	2							9	130

Geopotential at 700 mb

250				1									1
255				1									1
260				1								1	2
265			2	3								2	7
270	2	1	4	5								5	17
275	5	4	8	9								7	33
280	9	13	13	12	1							8	56
285	11	20	24	15	1							8	79
290	15	26	29	19	1							9	99
295	20	27	31	21	1							9	109
300	25	27	31	25	2							9	119
305	27	27	31	29	2							9	125
310	30	27	31	30	2							9	129
315	31	27	31	30	2							9	130

Geopotential at 500 mb

490				1									1
500				1									1
505				1									1
510			1	3								2	6
515	1		1	4								4	10
520	3	2	4	6								6	21
525	3	5	6	10								7	31
530	7	11	11	11	1							8	49
535	8	14	18	14	1							8	63
540	12	20	22	16	1							8	79
545	14	24	28	17	1							9	93
550	16	27	30	20	1							9	103
555	20	27	31	25	1							9	113
560	23	27	31	25	2							9	117
565	26	27	31	30	2							9	125
570	29	27	31	30	2							9	128
575	30	27	31	30	2							9	129

FREQUENCY ANALYSES
MACQUARIE ISLAND 1965

Geopotential at 850 mb

2300 HRS GMT.

per Limit ange - °C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
100													
105					1								
110					2	1							1
115			1	1	3	1			1	1			5
120	1	1	2	3	4	7			2	3		1	12
125	1	2	5	5	7	8	3	1	6	6	3	3	40
130	6	7	13	9	7	11	6	2	9	9	6	7	67
135	11	17	18	12	12	17	9	3	12	15	15	11	118
140	16	26	28	15	17	22	15	5	15	21	22	14	179
145	18	28	30	20	21	23	18	9	20	29	26	22	248
150	25	28	31	26	27	26	25	18	23	30	29	28	293
155	28	28	31	29	29	27	28	26	28	31	30	31	337
160	31	28	31	29	29	30	30	30	29	31	30	31	353
	31	28	31	30	30	30	31	30	29	31	30	31	360
							31	31	29	31	30	31	363

Geopotential at 700 mb

50													
55					1								
60					2	1							1
65			1	1	2	1				1			4
70	1		1	5	4	6	5		3	3	2		13
75	1	2	3	6	7	10	6	1	6	7	3	3	42
80	4	4	9	7	8	12	9	2	9	10	6	8	70
85	9	15	15	9	10	16	12	4	13	14	11	11	104
90	13	21	23	15	13	21	17	7	15	19	20	14	158
95	16	27	29	18	19	22	25	15	19	27	25	16	217
00	19	28	30	21	23	24	28	26	21	30	26	23	271
05	24	28	31	25	27	27	29	30	28	30	30	27	314
10	28	28	31	27	29	30	30	30	29	31	30	31	342
15	30	28	31	29	30	30	31	31	29	31	30	31	354
20	31	28	31	29	30	30	31	31	29	31	30	31	361
	31	28	31	30	30	30	31	31	29	31	30	31	362
													363

Geopotential at 500 mb

5													
0					1								
5					2	1							1
0				2	3	2			1	3			7
5				5	5	5	2		4	4	2		19
0	1		3	5	6	9	4	1	5	6	3	2	36
5	1	1	4	7	8	10	7	1	9	10	5	3	59
0	3	4	7	7	8	15	8	2	10	11	8	7	77
5	5	12	12	10	10	16	9	4	12	14	10	12	105
0	9	17	14	11	12	19	12	5	14	17	16	12	141
5	12	21	20	15	15	21	16	7	18	24	18	15	180
	14	23	26	19	19	22	25	14	22	25	24	17	231
	18	27	28	20	22	26	27	26	26	30	26	20	278
	21	28	30	25	28	28	29	29	27	31	29	26	312
	26	28	30	26	28	29	29	29	29	31	30	27	336
	28	28	31	28	30	30	30	30	29	31	30	28	348
	30	28	31	29	30	30	31	31	29	31	30	31	358
	31	28	31	29	30	30	31	31	29	31	30	31	361
	31	28	31	30	30	30	31	31	29	31	30	31	362
													363

FREQUENCY ANALYSES
MACQUARIE 1965

1100 HRS GMT.

Geopotential at 300 mb

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
840				1									1
850				2									2
860	1		1	5								2	9
870	3	2	4	7								6	22
880	6	9	11	13	1							6	46
890	8	15	17	14	1							7	62
900	13	21	24	16	1							7	82
910	17	27	28	21	1							8	102
920	21	27	30	27	2							8	115
930	27	27	31	30	2							8	125
940	29	27	31	30	2							8	127

Geopotential at 200 mb

1120				4									4
1130	1		1	7								3	12
1140	2		4	9	1							5	21
1150	5	9	14	15	1							7	51
1160	10	16	19	18	1							7	71
1170	17	24	25	25	2							7	100
1180	21	27	29	28	2							8	115
1190	25	27	29	30	2							8	121
1200	29	27	30	30	2							8	126

Geopotential at 150 mb

1310				5									5
1320	1		1	8	1							2	13
1330	2		6	11	1							4	24
1340	4	6	15	17	1							6	49
1350	9	16	21	25	2							6	79
1360	22	24	25	28	2							7	108
1370	26	25	28	30	2							7	119
1380	29	26	29	30	2							7	123

FREQUENCY ANALYSES
MACQUARIE ISLAND 1965

Geopotential at 300 mb

2300 HRS GMT.

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
840					2		1		2	2			7
850				1	5	6	3	1	4	5	1		26
860	1		2	5	7	10	8	2	8	8	3	2	56
870	3	2	4	8	8	13	9	3	10	12	6	7	85
880	5	10	12	10	12	18	15	9	18	18	14	12	153
890	8	16	15	12	14	22	26	21	22	24	18	17	215
900	11	22	22	16	21	27	29	29	27	28	24	19	275
910	18	26	26	21	27	28	30	31	29	31	29	26	322
920	23	26	30	26	29	30	31	31	29	31	30	27	343
930	29	27	31	29	30	30	31	31	29	31	30	31	359
940	31	27	31	29	30	30	31	31	29	31	30	31	361
950	31	27	31	30	30	30	31	31	29	31	30	31	362

Geopotential at 200 mb

1090													
1100									1	1			2
1110					1		1		2	2			6
1120					4	3	1	1	3	3			15
1130				3	6	8	7	3	5	8	2		42
1140			1	7	8	15	13	6	12	9	2	4	77
1150	3		3	9	12	19	27	18	21	18	9	7	146
1160	4	8	14	12	17	25	29	29	27	23	16	14	218
1170	9	16	20	18	26	27	30	31	28	29	23	17	274
1180	15	23	24	23	29	28	31	31	29	30	28	23	314
1190	20	26	28	27	30	29	31	31	29	30	30	25	336
1200	28	27	31	29	30	29	31	31	29	30	30	31	356
	31	27	31	30	30	29	31	31	29	30	30	31	360

Geopotential at 150 mb

1270													
1280									1				1
1290									2	1			3
1300					1	1	1	1	3	2			9
1310					4	4	2	4	4	3			21
1320				2	7	12	10	9	8	6	1		55
1330			1	6	10	17	25	21	19	11	2	2	114
1340	2		3	9	15	22	29	30	24	19	8	5	166
1350	4	6	13	14	24	28	30	31	28	27	19	12	236
1360	9	18	20	20	28	29	30	31	28	29	22	16	280
1370	17	24	25	28	28	29	30	31	28	29	28	21	318
1380	27	27	30	28	28	29	30	31	28	29	29	28	344
1390	31	27	31	28	28	29	30	31	28	29	29	29	350
	31	27	31	29	28	29	30	31	28	29	29	29	351

FREQUENCY ANALYSES
MACQUARIE 1965

1100 HRS GMT.

Geopotential at 100 mb

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1570					1								1
1580				1	1								2
1590				5	1							2	8
1600	2		7	10	2							2	23
1610	4	5	13	19	2							4	48
1620	16	19	18	23	2							5	83
1630	25	23	20	23	2							5	98
1640	28	23	20	23	2							5	101

Geopotential at Tropopause

550	1			1									2
600	1			1									2
650	1			1									2
700	1	1	1	2								1	6
750	1	2	1	4								1	9
800	4	6	3	5								1	19
850	5	8	7	6								4	30
900	9	14	13	8								6	50
950	11	15	17	11								7	61
1000	13	17	18	13								7	68
1050	16	22	23	15								8	84
1100	20	25	27	17	1							8	98
1150	26	26	29	21	1							8	111
1200	27	27	29	27	1							8	119
1250	29	27	29	30	2							8	125
1300	29	27	29	30	2							8	125
1350	29	27	29	30	2							8	125
1400	29	27	29	30	2							8	125
1450	29	27	30	30	2							8	126

Pressure at Tropopause

150			1										1
200	2		1	9	1								13
250	14	8	9	17	2							1	51
300	23	17	22	24	2							4	92
350	28	23	29	26	2							7	115
400	28	26	30	29	2							8	123
450	29	27	30	29	2							8	125
500	29	27	30	30	2							8	126

FREQUENCY ANALYSES
MACQUARIE ISLAND 1965

Geopotential at 100 mb

2300 HRS GMT

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1530													
1540									1				1
1550								1	2	1			4
1560						2		3	2	1			8
1570					3	4	2	7	4	1			21
1580				2	7	7	9	12	8	1			46
1590				6	10	14	20	23	14	3	1		91
1600				9	16	19	27	27	19	10	1	1	129
1610	1		6	12	25	24	27	27	23	19	7	3	174
1620	4	6	14	23	25	24	27	27	23	23	14	9	219
1630	12	18	18	27	25	24	27	27	23	23	16	16	256
1640	22	23	22	27	25	24	27	27	23	23	21	23	287
1650	26	24	22	28	25	24	27	27	23	23	21	26	296
1660	26	24	23	28	25	24	27	27	23	23	21	26	297
	27	24	23	28	25	24	27	27	23	23	21	26	298

Geopotential at Tropopause

650					1	1				1			3
700		1			1	1				1	1		5
750	1	3	2	1	2	1			1	2	3	1	17
800	2	5	4	3	3	1	3		3	2	4	2	32
850	5	10	7	5	4	5	6	1	6	5	7	4	65
900	8	15	11	9	7	9	8	2	9	8	8	14	108
950	9	16	15	10	10	13	11	2	10	13	9	18	136
1000	14	20	18	12	14	15	13	6	16	18	18	19	183
1050	17	21	20	16	16	20	18	12	19	24	23	23	229
1100	19	24	28	20	22	25	29	22	27	24	28	26	294
1150	27	27	29	23	26	27	29	28	28	26	30	29	329
1200	29	27	30	28	28	28	30	30	28	28	30	31	347
1250	30	27	31	30	30	29	31	31	29	30	30	31	359
1300	31	27	31	30	30	30	31	31	29	30	30	31	361

Pressure at Tropopause

200	4		2	4	4	3	2	7	1	4		2	33
250	14	7	13	18	16	15	19	25	14	13	10	11	175
300	25	17	23	25	27	26	25	30	22	25	23	25	293
350	30	24	28	29	28	29	31	31	28	28	26	29	341
400	31	27	31	30	29	29	31	31	29	29	30	31	358
450	31	27	31	30	30	30	31	31	29	30	30	31	361

FREQUENCY ANALYSES
MAWSON 1965

Station Level Pressure

Upper Limit Range-mb	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
945											4		4
950											8		8
955											11		11
960										1	19		20
965						3	5	1	8	9	25		51
970			17	1		7	8	10	33	31	45		152
975			47	17	2	13	20	16	62	58	94		329
980	10		76	45	9	23	43	37	77	98	153		571
985	36		113	80	32	33	103	93	119	155	200	34	998
990	98	22	137	114	68	87	150	167	156	189	229	85	1502
995	198	90	216	158	167	132	201	213	215	214	240	169	2213
1000	232	177	243	186	211	179	238	224	231	240	240	236	2629
1005	248	216	248	220	229	230	241	233	240	248	240	248	2841
1010	248	224	248	240	236	240	248	243	240	248	240	248	2903
1015	248	224	248	240	242	240	248	248	240	248	240	248	2914
1020	248	224	248	240	248	240	248	248	240	248	240	248	2920

Maximum Temperature

Upper Limit Range-°F													
524							1						1
521							2						2
519							3						3
514							4						4
513						1	5						6
512						1	5	1					7
511						2	6	2	1				11
509					1	3	8	5	2				17
508					1	7	11	4	3				26
507					2	8	13	5	5				34
506					2	10	13	5	7				38
505					3	11	13	6	9				43
504					4	15	14	7	11				55
503					5	17	15	8	12				60
502					6	17	15	9	13				63
501					8	20	15	10	18				74
000					10	22	16	12	19				82
001					10	24	17	13	19				88
002					10	24	17	13	19		1		89
003			2		11	24	18	15	20		2		97
004			3		12	26	20	15	20		3		104
005			6		12	26	22	16	21		3		113
006			7		12	27	24	18	24		3		122
007			8		13	28	24	19	25		4		130
008			8		14	28	27	19	25		5		135
009			8		16	28	28	23	26		7		147
010			8		18	29	29	24	27		8		155
011			10		18	29	29	25	27		10		160
012			10		19	29	29	25	28		11		165
013			11		23	29	31	26	28		12	1	176
014			12		23	29	31	26	29		12	3	181
015			13		24	29	31	27	29		17	3	191
016			14		25	29	31	27	29		21	5	200
017			15		25	30	31	28	29		22	6	206
018			16		26	30	31	30	29		25	7	216
019			18		26	30	31	30	29		27	9	224
020			19		27	30	31	30	29		28	10	229
021			21		27	30	31	31	30		29	10	256
022			23		27	30	31	31	30		30	12	243
023		1	24		28	30	31	31	30		30	12	247
024		3	26		30	30	31	31	30		30	13	254
025		5	28		30	31	31	31	30		30	15	259
026		5	28		30	31	31	31	30		31	16	263
027		6	29		30	31	31	31	30		31	18	268
028		8	29		30	31	31	31	30		31	20	273
029		10	29		30	31	31	31	30		31	22	278
030		13	29		30	31	31	31	30		31	24	283
031	1	14	30		30	31	31	31	30		31	28	292
032	2	14	30		30	31	31	31	30		31	29	296
033	2	17	31		30	31	31	31	30		31	30	303
034	6	19	31		30	31	31	31	30		31	30	311
035	12	22	31		30	31	31	31	30		31	30	325
036	18	24	31		30	31	31	31	30		31	30	336
037	19	25	31		30	31	31	31	30		31	30	342
038	22	26	31		30	31	31	31	30		31	30	348
039	26	27	31		30	31	31	31	30		31	30	354
040	28	27	31		30	31	31	31	30		31	30	357
041	29	28	31		30	31	31	31	30		31	30	355
042	30	28	31		30	31	31	31	30		31	30	360
												30	362

FREQUENCY ANALYSES
MAWSON 1965

Minimum Temperature

Upper Limit Range - °F	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
530													
529							1						1
527							2						2
525							3						3
521							4	2					6
520							5	2					7
519				1			6	2					9
518				1			7	2	2				12
517				1		1	8	3	2				15
516				2		3	9	4	4				22
515				2		7	10	5	5				29
514				3	2	7	14	8	10				44
513				3	2	9	15	9	11				49
512				3	2	10	15	11	12	1			54
511				5	2	12	17	11	14	2			63
510				5	2	14	19	11	15	2			68
509				6	2	15	20	11	17	3			74
508				8	3	19	21	12	19	3			85
507			1	10	3	19	22	12	20	3			90
506			2	12	5	23	23	12	20	3			100
505			3	12	5	26	23	15	20	4			108
504			4	13	6	26	23	17	22	5			116
503			5	14	6	28	23	18	24	5			123
502			8	15	6	28	24	18	25	7			131
501			8	15	6	28	24	19	26	7			133
000			8	16	8	28	25	20	28	11			144
001			8	16	8	28	27	21	28	13	1		150
002			10	16	10	29	28	23	28	15	1		160
003			11	17	11	29	28	23	28	17	3		167
004			11	21	12	29	30	24	29	22	5		183
005			13	21	14	29	30	26	29	24	7		193
006			14	23	15	29	30	26	29	26	7		199
007			15	26	15	29	31	27	29	26	7		205
008			16	26	16	29	31	27	29	26	8		208
009			17	27	19	29	31	28	29	26	8		214
010			18	27	20	29	31	28	30	27	9		219
011			19	27	22	30	31	28	30	29	10		226
012		1	19	27	23	30	31	29	30	29	11		230
013		2	19	27	23	30	31	29	30	30	12		233
014		2	20	28	23	30	31	29	30	30	16		239
015		2	21	28	24	30	31	30	30	30	18		244
016		5	23	28	26	30	31	31	30	31	20	1	256
017		7	24	28	28	30	31	31	30	31	22	1	265
018		8	24	30	30	30	31	31	30	31	26	3	274
019		9	24	30	30	30	31	31	30	31	26	3	275
020		12	25	30	30	30	31	31	30	31	26	3	279
021		12	27	30	30	30	31	31	30	31	28	4	284
022		14	28	30	31	30	31	31	30	31	29	4	289
023	2	15	29	30	31	30	31	31	30	31	29	5	294
024	4	15	30	30	31	30	31	31	30	31	29	6	298
025	6	15	31	30	31	30	31	31	30	31	30	9	305
026	8	18	31	30	31	30	31	31	30	31	30	14	315
027	10	20	31	30	31	30	31	31	30	31	30	14	319
028	14	20	31	30	31	30	31	31	30	31	30	17	326
029	18	23	31	30	31	30	31	31	30	31	30	20	336
030	24	26	31	30	31	30	31	31	30	31	30	26	351
031	26	26	31	30	31	30	31	31	30	31	30	26	355
032	30	26	31	30	31	30	31	31	30	31	30	27	358
033	30	27	31	30	31	30	31	31	30	31	30	28	360
034	31	28	31	30	31	30	31	31	30	31	30	30	364
036	31	28	31	30	31	30	31	31	30	31	30	31	365

FREQUENCY ANALYSES
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Maximum Speed of Wind Gust

Upper Limit Range - Knots	Jan.	Feb	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
20			1	1		1							3
30	6		3	3	3	3		4	3			4	29
40	20	11	11	11	10	16	15	10	11	6	10	17	148
50	25	21	24	20	19	26	25	17	18	21	20	23	259
60	28	27	26	28	23	30	25	25	19	25	26	27	309
70	31	28	30	30	26	30	28	27	24	26	28	30	338
80	31	28	31	30	29	30	30	29	29	28	28	31	354
90	31	28	31	30	30	30	30	29	30	29	29	31	358
100	31	28	31	30	31	30	31	29	30	30	29	31	361
110	31	28	31	30	31	30	31	29	30	31	30	31	363
120	31	28	31	30	31	30	31	31	30	31	30	31	365

Daily Duration of Sunshine

Upper Limit Range - Hours													
00	4	7	10	8	23	30	26	21	7	4	3	6	149
01	7	9	12	10	24	30	26	22	9	7	6	8	170
02	9	9	13	11	25	30	30	24	10	7	7	9	184
03	9	11	14	14	26	30	30	24	12	7	9	11	197
04	9	12	14	15	28	30	31	24	13	8	10	12	206
05	9	14	15	18	31	30	31	26	14	8	11	13	220
06	10	15	17	19	31	30	31	28	17	10	12	13	233
07	11	16	19	23	31	30	31	28	18	10	12	13	242
08	11	18	20	27	31	30	31	30	19	13	13	15	258
09	12	19	27	30	31	30	31	31	25	15	13	16	280
10	15	19	31	30	31	30	31	31	28	19	13	16	294
11	16	20	31	30	31	30	31	31	29	22	13	16	300
12	17	22	31	30	31	30	31	31	30	23	13	16	305
13	18	22	31	30	31	30	31	31	30	24	14	18	310
14	20	26	31	30	31	30	31	31	30	26	17	20	323
15	22	27	31	30	31	30	31	31	30	30	17	20	330
16	24	28	31	30	31	30	31	31	30	31	19	20	336
17	30	28	31	30	31	30	31	31	30	31	24	21	348
18	31	28	31	30	31	30	31	31	30	31	30	29	363
19	31	28	31	30	31	30	31	31	30	31	30	31	365

FREQUENCY ANALYSES
MAWSON 1965

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.	023																	
	024														1	1	3	5
	025													1	1	1	3	6
	026											1		2	3	1	4	11
	027											2		5	3	2	6	18
	028				1						1	2	1	8	5	2	6	25
	029				1						1	3	2	9	7	2	7	32
	030				1			1			2	7	5	10	9	5	8	48
	031				1	1		1			4	8	9	13	10	7	14	68
	032				1	1	1	3			9	11	11	17	13	10	20	97
	033				1	1	2	3	1	2	1	16	13	17	16	11	29	122
	034				1	1	2	3	1	2	13	21	13	23	18	12	41	151
	035				1	1	2	3	1	3	18	24	15	24	19	15	44	170
	036				1	1	2	3	2	3	20	24	22	26	26	21	54	205
	037				1	1	2	3	2	3	20	25	22	26	27	23	57	212
	038				1	1	2	3	2	3	20	27	24	26	28	29	62	228
	039				1	1	2	3	2	3	20	27	26	26	30	29	65	235
	040				1	1	2	3	2	3	20	27	26	28	30	31	66	240
	041				1	1	2	3	2	3	20	27	26	28	32	31	69	245
	042				1	1	2	3	2	3	20	27	26	28	32	31	71	247
						1	2	3	2	3	20	27	26	28	32	31	72	248

Feb.	011																	
	012																1	1
	014															1	1	2
	015														1	1	3	5
	016											2			1	1	3	7
	017											2		1	1	1	6	11
	018											2		1	3	3	11	20
	019											2		1	3	4	13	23
	020											2		1	6	4	18	31
	021											2		1	8	5	23	39
	022											2	2	1	9	7	24	45
	023											2	3	1	9	7	27	49
	024											2	3	1	9	9	39	63
	025											2	3	1	9	9	45	69
	026											2	5	2	9	10	53	81
	027									1	3	3	7	2	10	11	58	95
	028					1		1	1	1	3	4	10	3	13	12	63	112
	029					1		1	1	3	3	6	12	4	14	13	66	124
	030					1		2	1	3	5	6	13	5	15	14	70	135
	031					1		2	1	3	6	10	14	5	16	14	74	146
	032					1		2	1	3	7	12	14	8	17	15	77	157
	033					1		2	1	3	8	13	17	10	20	15	80	170
	034					2		2	3	5	11	17	19	13	22	16	81	191
	035					2		2	3	6	13	19	20	13	22	17	81	198
	036					2		2	5	6	14	20	22	14	26	18	82	211
	037					2		2	5	6	14	20	23	15	26	19	83	215
	038					2		2	5	6	14	23	23	15	26	19	83	218
	039					2		2	5	6	14	23	24	15	27	19	85	222
						2		2	5	6	18	23	24	15	27	19	87	224

FREQUENCY ANALYSES
MAWSON 1965

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
																1		1
Mar.	508															2	2	4
	507															3	4	7
	506															3	6	9
	505															3	8	11
	504															4	12	16
	503														1	6	16	23
	502														1	6	22	29
	501														1	7	27	35
	000														1	9	31	41
	001														1	10	40	51
	002														1	10	45	56
	003														1	13	52	66
	004													1	1	14	58	74
	005													1	1	14	62	78
	006													2	1	14	65	82
	007													2	1	16	69	88
	008													2	1	16	75	94
	009													4	1	16	78	99
	010													5	1	16	86	108
	011													5	1	16	91	113
	012													5	1	16	98	120
	013													5	1	16	106	128
	014												1	5	1	16	116	139
	015												1	5	1	19	122	148
	016												1	6	3	20	131	161
	017												1	6	3	21	135	166
	018												1	6	3	24	142	176
	019												1	6	4	24	152	187
	020												1	6	4	28	158	197
	021												1	6	4	29	162	202
	022												1	6	4	30	173	214
	023												1	6	4	31	186	228
	024											1	1	7	5	31	191	236
	025											1	1	7	5	32	192	238
	026											1	1	7	6	32	195	242
	027											1	1	7	6	32	196	243
	028											1	1	7	6	32	198	245
	030											1	1	7	6	32	200	247
	031											1	1	7	6	32	201	248
	032																	

FREQUENCY ANALYSES
MAWSON 1965

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
or. 519																	
518																2	2
516																3	3
515																4	4
514																5	5
513						1					1	1				6	8
512						1					1	1				6	9
511						3	2				2	1	1			6	11
510						5	2		1		2	1	2			7	17
509					1	5	3		2		2	2	2			8	22
508				1	1	5	3		2		2	4	2			9	28
507				1	2	5	3	1	2	1	2	4	3			11	32
506				1	2	5	3	1	2	1	3	6	3		1	12	39
505			1	1	2	6	3	2	2	1	4	8	3		2	14	45
504			1	1	3	7	3	3	2	1	4	8	4		3	19	56
503			1	1	3	7	4	3	3	1	4	8	4	2	5	19	63
502			1	2	4	8	4	3	3	1	4	8	5	2	6	24	72
501			1	2	4	9	5	3	3	1	4	8	5	3	7	27	80
000			1	2	4	9	5	3	3	1	4	14	7	3	8	30	94
001			1	2	4	9	5	3	3	1	4	14	7	3	9	32	97
002			1	2	4	9	5	3	3	1	4	14	7	3	9	34	99
003			1	2	4	9	5	3	3	1	4	14	8	3	12	38	107
004			1	2	4	9	5	3	3	1	4	15	9	8	12	39	115
005			1	2	4	9	5	3	3	2	5	15	10	11	13	41	124
006			1	2	4	9	5	3	3	2	5	15	12	11	13	48	133
007			2	2	4	9	6	3	3	2	5	15	13	11	13	57	143
008			2	2	4	9	6	3	3	2	6	15	14	12	13	65	156
009			3	2	4	10	7	3	6	2	7	15	15	12	15	71	169
010			5	2	4	10	8	3	6	3	7	15	15	13	16	79	182
011			7	2	5	11	8	3	6	3	7	15	15	13	16	79	186
012			7	2	5	11	9	3	6	3	7	16	15	13	16	82	194
013			7	2	5	11	9	3	6	3	7	17	15	13	16	84	198
014			7	2	5	11	9	3	6	3	7	17	16	14	17	86	203
015			8	2	5	11	9	3	6	3	7	18	16	14	17	88	206
016			9	2	5	11	9	3	6	3	7	18	16	14	17	90	209
017		1	10	2	5	11	9	3	6	3	7	18	16	15	17	91	212
018		2	11	4	7	11	9	3	6	3	7	18	16	16	17	91	215
019		3	11	4	7	11	9	3	6	3	7	18	16	16	17	91	221
020	1	4	11	5	7	12	9	3	6	3	7	18	16	16	17	92	223
021	1	4	11	5	7	12	9	3	6	3	7	18	16	16	17	93	228
022	1	4	11	5	7	12	9	3	6	3	7	18	16	16	17	94	229
023	1	4	11	5	7	12	9	3	6	4	7	18	16	16	17	96	232
024	1	4	11	5	7	12	9	3	6	5	7	18	16	17	17	101	238
											7	18	16	17	17	101	239

FREQUENCY ANALYSES
MAWSON 1965

Screen Temperature v Dew Point Depression

	°F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	> 14	Total
																		Dew Point Depression
May.	514															1		1
	513															1	4	5
	512															1	6	7
	511															1	9	10
	510															1	10	11
	509															1	14	15
	508															1	15	16
	507															1	16	17
	506															1	20	21
	505										1					1	23	25
	504										1					3	24	28
	503										1			1		4	27	34
	502										1			1	1	5	28	36
	501								1		1	1		4	1	5	29	42
	000								1	1	1	1		4	2	6	33	49
	001		1						4	2	1	1		5	3	6	35	58
	002		1						4	4	1	1		5	3	6	38	63
	003		1			1			5	4	1	2		5	4	6	39	68
	004		2			1			5	5	2	2		7	5	6	41	76
	005		2			1			5	6	3	3		7	6	7	47	87
	006		3			1			5	6	3	4		7	6	8	48	91
	007		4			1			5	6	5	5		8	7	8	49	98
	008		4			1			5	6	5	5		8	8	8	51	102
	009		4			1			5	6	5	5		9	8	9	54	108
	010		5			1			5	7	6	5		9	11	11	58	122
	011		7			1		2	5	7	7	5		9	13	13	65	144
	012		8			1	1	2	6	7	7	5		10	16	14	65	154
	013		8			1	1	2	6	8	8	5		10	16	14	66	157
	014		8			1	1	3	7	8	10	5		11	17	14	69	166
	015		8			2	1	4	7	9	10	5		11	19	14	69	171
	016		8			3	2	5	9	9	10	5		12	21	14	71	184
	017		10	2	1	3	2	7	9	10	13	6		12	23	14	71	203
	018		12	2	1	4	4	9	9	11	15	7		12	23	14	77	218
	019		13	2	1	7	5	10	9	12	14	8		12	25	15	77	228
	020		13	2	1	8	5	11	9	13	14	10		12	23	15	78	234
	021		13	2	1	8	5	11	10	13	16	10		12	23	15	78	237
	022		13	2	1	8	5	11	10	14	17	15		12	23	16	78	245
	023		13	2	1	8	5	11	10	14	17	15		13	23	17	78	247
	024		13	2	1	8	5	11	10	14	17	15		13	23	17	78	248
Jun.	517										1							1
	516										1	2		1	3			7
	515										3	5	2	3	6	1		20
	514									1	4	6	4	4	8	1		28
	513									1	4	10	7	4	11	2		39
	512									2	5	10	8	5	12	2		44
	511							2		2	6	12	8	8	14	2		54
	510							2		3	6	15	10	15	18	5		72
	509						1	2		3	6	13	14	20	22	7	2	1	91
	508						1	2		4	7	15	15	21	25	12	4	3	109
	507						1	2		4	8	17	17	24	28	13	5	7	126
	506						1	2		4	8	18	18	28	33	15	8	13	148
	505						1	2		4	8	18	21	30	34	16	9	15	158
	504						1	2		4	8	18	21	33	37	17	12	19	170
	503						1	2		4	8	18	22	33	37	18	15	21	179
	502						1	2		4	9	18	22	34	41	18	18	22	189
	501						1	2		4	9	20	23	36	43	20	18	23	199
	000						1	2		4	9	20	23	38	43	20	19	26	205
	001						1	2		4	9	21	25	39	44	21	21	28	215
	002						1	2		4	9	21	25	41	44	22	22	29	220
	003						1	2		4	9	21	26	42	45	22	22	30	224
	004						1	2		4	9	21	26	42	45	22	22	33	227
	005						1	2		4	9	21	26	42	45	22	23	35	230
	006						1	2		4	9	21	26	42	45	22	23	36	231
	007						1	2		4	9	21	26	42	45	22	24	36	232
	011						1	2		4	9	21	26	42	45	22	24	38	234
	013						1	2		4	9	21	26	43	45	24	24	39	235
	015						1	2		4	9	21	26	43	45	24	24	40	239
	017																	41	240

FREQUENCY ANALYSES
MAWSON 1965

Screen Temperature v Dew Point Depression

°F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	> 14	Total
Ful. 528																	
527										1	6	1					8
526										2	7	1					10
525									1	3	8	1					13
524									2	5	8	1					16
523									3	8	8	1					20
522								1	3	10	8	1					23
521								1	4	13	10	1					29
520								1	5	14	10	1					31
519								1	5	14	11	1					32
518							1	1	5	14	12	3					36
517					1		1	1	5	14	14	3					38
516					2	1	1	1	5	14	18	6					46
515				1	5	2	1	1	5	14	19	6					49
514				1	10	3	2	1	5	14	20	7	1				57
513				1	12	3	4	2	5	14	21	8	1				66
512			1	2	14	3	5	2	6	15	21	9	9	2			83
511			1	2	15	5	6	2	7	15	21	10	10	2			91
510			1	2	16	6	6	2	7	15	21	11	13	3			101
509			2	3	17	9	6	3	7	16	24	11	15	5	1		112
508			2	3	17	9	7	3	8	17	27	12	15	6	1		125
507			2	3	17	9	7	4	9	18	27	13	17	7	1		132
506			2	3	17	9	8	5	9	19	27	14	18	8	1		138
505		1	2	3	17	9	8	5	10	21	27	15	18	8	1		143
504		1	2	3	17	9	8	6	10	21	27	17	19	9	1		149
503		1	2	3	17	10	8	6	10	22	27	18	19	10	1		152
502		1	2	3	17	10	8	6	10	23	27	20	19	10	3		158
501		2	2	3	17	10	9	7	10	23	27	20	19	11	3		160
000		5	2	3	17	10	9	7	10	23	27	20	19	11	3		163
001		6	2	3	17	10	10	8	10	25	28	22	19	11	3		168
002		7	2	3	17	11	11	9	11	25	28	23	20	11	3		173
003		8	3	4	17	11	12	10	11	24	29	24	21	11	7	1	179
004		9	8	5	17	12	12	10	11	24	29	24	21	14	7	1	193
005		9	9	6	17	13	12	10	11	24	29	25	24	15	8	2	204
006		9	10	6	17	13	13	11	13	24	30	25	26	18	9	3	214
007	2	9	10	6	18	13	13	12	13	24	30	26	27	18	11	4	227
008	3	9	10	6	18	13	13	12	13	24	30	26	28	19	11	5	236
009	4	10	10	6	18	13	13	13	13	24	30	26	28	19	12	6	240
010	4	10	11	6	18	13	13	13	13	24	30	26	28	20	12	6	245
013	4	10	11	6	18	14	13	13	13	24	30	26	28	20	12	6	247
																	248

525																	1
523							1										2
522							2										3
519							2	1									5
517							2	2	1								8
516							2	2	2								11
515							2	2	5		2						15
514							2	3	6		2						25
513							3	5	6		4						32
512							3	5	7	2	6	3	1	1			38
511							3	6	7	3	8	4	2	2			47
510							5	7	7	4	10	7	2	3			54
509							5	7	8	4	13	10	3	4	1		61
508				1			5	7	8	7	14	11	4	4	1		63
507				1			5	7	8	7	14	11	4	4	2		68
506				1		2	6	8	8	7	14	11	4	5	2		74
505			2	3		2	6	9	9	8	15	11	6	5	2		87
504			2	5		2	7	10	11	10	17	11	6	5	3		101
503			3	7		2	8	11	12	11	19	12	8	7	3	1	109
502			4	8		2	8	11	13	11	21	12	9	7	4	2	115
501			6	9		2	8	12	13	12	21	14	9	7	5	3	122
000			8	9		2	8	13	13	12	21	15	9	7	7	3	128
001		1	8	9		2	8	15	13	12	21	15	9	8	8	4	137
002		2	8	10	1	2	8	15	14	12	23	17	9	8	8	5	144
003		3	8	11	1	2	8	15	14	13	24	18	9	8	10	5	148
004		3	8	13	1	2	8	18	14	13	24	18	9	8	10	6	152
005		4	11	13	1	3	8	15	15	13	26	18	9	8	10	8	161
006		5	14	14	1	4	8	15	15	13	27	19	9	8	10	8	168
007		7	15	15	1	4	9	15	15	14	27	21	10	8	11	9	184
008		8	16	15	1	4	9	15	15	14	28	21	14	8	12	11	191
009	11	11	18	15	1	4	9	16	15	15	28	21	14	9	12	15	204
010	11	12	18	15	1	4	10	16	15	16	29	21	15	10	13	16	212
011	12	12	18	15	1	4	10	17	15	17	29	23	15	10	13	16	215
012	12	12	18	15	1	4	10	17	15	17	29	23	15	10	14	17	218
013	12	12	18	15	1	4	10	17	16	17	29	24	15	10	15	17	220
014	12	12	19	15	1	4	10	17	17	17	30	24	15	11	16	17	225
015	12	12	20	15	1	4	10	17	17	19	30	24	15	11	17	18	230
016	12	12	20	16	2	5	11	17	17	19	30	24	15	12	17	18	235
017	12	12	20	16	2	5	11	18	17	19	30	24	16	14	19	19	242
018	12	12	20	16	2	5	11	18	17	19	31	27	16	14	19	19	
021																	

FREQUENCY ANALYSES
MAWSON 1965

Screen Temperature v Dew Point Depression

Dew Point Depression

		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	> 14	Total
Sep.	519												1					1
	518												2	1				3
	517										1	1	4	1				7
	516										1	1	5	2		1		10
	515						1				1	3	7	5	1	4	1	21
	514						1				1	3	8	4	2	4	1	24
	513						1		1		1	5	9	4	3	5	1	30
	512						2		1		1	5	12	4	5	6	3	39
	511						2	4	1		1	10	15	5	6	7	3	52
	510						2	9	1		2	13	14	7	6	8	3	65
	509		1			2	3	9	2		4	15	15	8	6	8	4	77
	508		3		2	2	3	10	3	1	7	15	17	10	7	8	4	92
	507		4		2	3	3	11	4	1	7	17	18	12	7	8	5	102
	506		5		2	3	3	12	7	1	7	17	18	14	9	8	7	113
	505		8	1	2	7	3	12	8	1	7	19	19	15	10	8	7	127
	504		9	2	2	9	3	12	8	3	9	19	19	15	12	8	7	137
	503		11	4	2	10	3	13	10	5	10	20	21	17	14	8	7	155
	502		11	4	3	10	4	14	11	5	11	20	22	18	14	8	7	162
	501		14	5	3	11	5	14	12	6	14	20	23	19	14	8	7	175
	000		16	7	3	11	6	14	12	6	15	20	23	19	15	8	7	182
	001		17	7	3	11	6	14	13	6	16	21	23	21	15	8	7	188
	002		17	7	3	12	6	14	13	6	16	21	25	21	15	8	7	191
	003		18	7	3	12	6	14	15	12	17	22	25	21	15	8	7	202
	004		18	7	3	12	6	14	15	13	18	23	25	21	15	8	7	205
	005		18	7	3	13	7	14	15	13	18	25	25	21	15	9	7	212
	006		18	8	3	13	7	14	16	16	18	25	25	21	15	9	7	215
	007		18	8	3	14	8	14	17	17	19	26	25	21	15	9	7	221
	008		18	8	3	14	8	15	17	18	19	27	25	21	15	9	7	224
	010		18	8	3	14	8	15	17	19	19	28	25	21	15	9	7	226
	011		18	8	3	14	9	15	17	19	21	29	26	21	15	9	7	231
	012		18	8	3	14	9	16	17	19	21	30	26	21	15	9	7	233
	013		18	8	3	14	9	16	17	19	21	30	28	21	15	9	7	235
	014		18	8	3	14	9	16	18	19	21	30	28	21	15	9	7	236
	016		18	8	3	14	9	16	19	19	21	30	28	21	15	9	7	237
	020		18	8	3	14	9	16	19	19	21	30	29	22	15	9	7	239
	021		18	8	3	14	9	16	19	19	21	30	30	22	15	9	7	240
Oct.	512														1			1
	510														2			2
	509														4	1		5
	508														5	2		7
	505														5	2		8
	504										1				6	2		10
	503										1	1			8	2	2	15
	502										1	1	1		9	2	3	19
	501										1	3	1		9	2		21
	000										1	3	2		9	2	1	23
	001									1	1	5	2		12	2	1	28
	002									1	1	6	4		15	5	2	38
	003		1							1	3	6	4		15	8	3	46
	004		2							1	3	6	4		16	12	5	55
	005		2							1	4	7	6		17	14	8	66
	006		3							1	5	9	6		19	18	15	86
	007		4							1	6	10	6		23	19	16	96
	008		4							1	7	14	9		27	20	21	117
	009		7							1	8	15	10		27	21	23	123
	010		9						1	1	8	18	10		27	22	25	134
	011		12					3	2	2	9	20	11		28	24	26	146
	012		12			1		3	2	3	10	23	12		29	24	27	165
	013		14			2		4	4	3	10	25	15		29	25	28	178
	014		15			2		4	4	3	10	26	15		30	26	30	192
	015		16			2		4	4	3	10	26	15		31	27	31	200
	016		16			2		5	4	3	10	26	15		35	27	34	213
	017		17			2		5	4	3	10	26	16		35	27	35	220
	018		17			2		5	5	3	12	26	16		35	27	36	228
	019		17			2		5	5	3	12	26	16		36	27	36	235
	020		17			2		5	5	3	12	26	19		38	27	36	238
	021		19			2		5	5	3	12	26	19		38	28	36	239
	023		19			2		5	5	3	12	26	19		38	28	36	244
	025		19			2		5	5	3	12	26	20		38	28	36	246
									6	3	12	26	21		38	28	36	248

FREQUENCY ANALYSES
MAWSON 1965

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
000												1					1
002												2					2
003												3	2				5
004				1			1					4	2		1		9
005				1			1		1			4	3		1	1	12
006				1			1		1			4	5		2	1	15
007				1			3		1			5	6		2	1	19
008				1			5		1			5	6	1	2	2	23
009		1		1			5		1			6	6	3	2	2	27
010		1		1			5		1		1	6	8	4	2	5	34
011		2		1			5		1		2	6	9	4	4	8	42
012		2		1			6		1		2	6	9	6	5	10	48
013		6		1			6	1	1	1	4	8	9	6	5	12	60
014		8		1	1		6	1	1	1	5	11	11	7	7	12	72
015		9		1	1		6	2	1	1	8	11	11	8	8	15	82
016		11	1	2	1	1	6	2	1	1	8	11	12	9	10	18	94
017		11	1	2	1	1	6	2	2	1	9	11	16	10	13	19	105
018		12	1	2	1	1	6	2	3	2	9	11	18	12	15	23	118
019		12	1	2	1	1	6	2	3	2	9	13	18	14	17	26	127
020		13	1	2	2	1	6	2	4	3	9	13	18	15	17	28	134
021		16	2	2	2	1	7	2	4	4	9	13	21	18	17	30	148
022		16	4	2	2	1	7	2	4	4	9	13	22	18	18	34	156
023		16	4	2	2	1	7	2	4	5	10	13	23	18	20	40	167
024		16	4	2	2	1	7	2	4	5	10	14	23	21	20	46	177
025		16	4	2	2	1	7	2	4	5	10	15	27	23	21	51	190
026		16	4	2	2	1	7	2	4	5	10	16	27	25	21	55	197
027		16	4	2	2	1	7	2	4	5	11	18	28	26	23	59	208
028		16	4	2	2	1	7	2	4	5	11	22	28	27	25	64	220
029		16	4	2	2	1	7	2	4	5	12	22	28	28	27	69	229
030		16	4	2	2	1	7	2	4	5	12	23	28	28	28	73	235
031		16	4	2	2	1	7	2	4	5	12	23	28	28	29	76	239
033		16	4	2	2	1	7	2	4	5	12	23	28	28	29	77	240

016														1			1
018														1		1	2
019														1	1	1	3
020														1	1	2	4
021														1	2	6	9
022														2	2	7	11
023											2			3	2	8	15
024											3	1		3	2	8	16
025									2		3	1		3	2	11	22
026								1	3		4	2	1	3	2	16	32
027			1					1	3	2	6	2	2	3	4	23	47
028			1			1		1	3	2	7	2	2	5	4	26	54
029		6	1		2	3		1	5	5	9	3	5	6	4	29	79
030		9	2		2	4		3	8	7	11	5	5	9	6	31	102
031		11	2		2	4	3	4	8	11	16	6	6	10	6	33	122
032		14	3	1	2	6	4	5	11	13	18	8	9	14	6	35	149
033		14	3	1	2	6	5	6	11	14	19	10	11	15	9	38	164
034		14	3	1	2	6	5	6	11	18	21	14	13	17	12	44	187
035		14	3	1	2	6	7	6	11	18	22	18	15	17	14	48	202
036		14	3	1	2	6	7	6	12	18	22	19	16	20	14	52	212
037		14	3	1	2	6	7	6	12	18	23	19	17	21	14	57	220
038		14	3	1	2	6	7	6	13	18	23	20	17	22	15	59	226
039		14	3	1	2	6	7	6	13	18	23	20	17	23	15	61	229
040		14	3	1	2	6	7	6	13	18	23	20	17	24	15	64	233
041		14	3	1	2	6	7	6	13	18	23	20	17	24	16	65	235
042		14	3	1	2	6	7	6	13	18	23	21	17	25	16	68	240
043		14	3	1	2	6	7	6	13	18	23	21	17	25	16	69	241
044		14	3	1	2	6	7	6	13	18	23	21	17	26	17	70	244
045		14	3	1	2	6	7	6	13	18	23	21	17	26	17	73	247
046		14	3	1	2	6	7	6	13	18	23	21	17	26	17	74	248

FREQUENCY ANALYSES
MAWSON 1965

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		0	0	0	0	0	0	0
02 03 04		2	0	0	0	0	0	2
05 06 07		10	7	0	0	0	0	17
08 09 10		5	11	5	0	0	0	21
11 12 13		3	40	49	31	10	0	133
14 15 16		1	20	24	6	0	0	51
17 18 19		0	0	0	0	0	0	0
20 21 22		1	0	0	0	0	0	1
23 24 25		8	0	0	0	0	0	8
26 27 28		2	0	0	0	0	0	2
29 30 31		1	0	0	0	0	0	1
32 33 34		1	0	0	0	0	0	1
	11	34	78	78	37	10	0	248
Feb. 35 36 01		0	0	0	0	0	0	0
02 03 04		1	0	0	0	0	0	1
05 06 07		1	2	0	0	0	0	3
08 09 10		4	12	0	0	0	0	16
11 12 13		0	41	53	39	4	0	137
14 15 16		1	14	33	11	4	0	63
17 18 19		0	0	1	0	0	0	1
20 21 22		0	0	0	0	0	0	0
23 24 25		0	0	0	0	0	0	0
26 27 28		0	0	0	0	0	0	0
29 30 31		0	0	0	0	0	0	0
32 33 34		0	0	0	0	0	0	3
	3	7	69	87	50	8	0	224
Mar. 35 36 01		0	0	0	0	0	0	0
02 03 04		0	0	0	0	0	0	0
05 06 07		0	0	0	0	0	0	0
08 09 10		0	0	0	0	0	0	6
11 12 13		0	5	1	0	7	1	76
14 15 16		2	31	22	13	5	1	147
17 18 19		9	44	74	14	0	0	11
20 21 22		7	2	2	0	0	0	2
23 24 25		2	0	0	0	0	0	1
26 27 28		1	0	0	0	0	0	2
29 30 31		1	1	0	0	0	0	0
32 33 34		0	0	0	0	0	0	0
		0	0	0	0	0	0	3
	3	22	83	99	27	12	2	248
Apr. 35 36 01		3	0	0	0	0	0	3
02 03 04		2	6	1	0	0	0	9
05 06 07		2	5	1	0	0	0	8
08 09 10		2	3	1	0	0	0	6
11 12 13		13	7	17	15	8	0	60
14 15 16		9	24	37	24	2	1	97
17 18 19		10	7	4	4	0	0	25
20 21 22		7	5	0	1	0	0	13
23 24 25		2	3	1	0	0	0	6
26 27 28		2	1	0	0	0	0	3
29 30 31		0	0	0	0	0	0	0
32 33 34		0	0	0	0	0	0	0
		0	0	0	0	0	0	10
	10	52	61	62	44	10	1	240

FREQUENCY ANALYSES
MAWSON 1965

Direction and Speed of Surface Wind

Direction x 10	Calm	1-9	10-19	20-29	30-39	40-49	≥ 50	Total
y. 35 36 01		0	1	0	0	0	0	1
02 03 04		0	0	0	0	0	0	0
05 06 07		3	2	0	0	0	0	5
08 09 10		13	5	1	0	0	0	19
11 12 13		3	10	22	31	10	29	105
14 15 16		5	23	41	18	2	3	92
17 18 19		9	3	0	0	0	0	12
20 21 22		2	1	0	0	0	0	3
23 24 25		2	0	0	0	0	0	2
26 27 28		0	0	0	0	0	0	0
29 30 31		1	0	0	0	0	0	1
32 33 34		1	1	0	0	0	0	2
								6
	6	39	46	64	49	12	32	248

. 35 36 01		2	0	0	0	0	0	2
02 03 04		3	0	0	0	0	0	3
05 06 07		4	1	0	0	0	0	5
08 09 10		5	2	1	0	0	0	8
11 12 13		6	20	21	13	2	0	62
14 15 16		8	25	44	11	1	0	89
17 18 19		6	15	5	3	0	0	29
20 21 22		5	3	0	0	0	0	8
23 24 25		9	1	0	0	0	0	10
26 27 28		2	0	0	0	0	0	2
29 30 31		1	0	0	0	0	0	1
32 33 34		0	0	0	0	0	0	0
								21
	21	51	67	71	27	3	0	240

35 36 01		1	0	0	0	0	0	1
02 03 04		2	0	0	0	0	0	2
05 06 07		3	1	1	0	0	0	5
08 09 10		1	0	0	0	0	0	1
11 12 13		3	7	29	17	6	8	70
14 15 16		4	38	54	10	3	0	109
17 18 19		8	9	4	1	0	0	22
20 21 22		5	2	0	0	0	0	7
23 24 25		4	0	0	0	0	0	4
26 27 28		2	0	0	0	0	0	2
29 30 31		0	0	0	0	0	0	0
32 33 34		0	0	0	0	0	0	0
								25
	25	33	57	88	28	9	8	248

35 36 01		0	0	0	0	0	0	0
02 03 04		0	0	0	0	0	0	0
05 06 07		2	1	3	0	0	0	6
08 09 10		3	3	2	0	0	0	8
11 12 13		4	6	34	32	21	10	107
14 15 16		6	18	23	23	12	9	91
17 18 19		3	3	3	0	0	0	9
20 21 22		3	0	0	0	0	0	3
23 24 25		3	0	0	0	0	0	3
26 27 28		0	0	0	0	0	0	0
29 30 31		0	0	0	0	0	0	0
32 33 34		0	0	0	0	0	0	0
								16
	16	24	31	65	55	33	19	[illegible]

FREQUENCY ANALYSES
MAWSON 1965

Direction and Speed of Surface Wind

	Direction × 10	Calm	1-9	10-19	20-29	30-39	40-49	≥ 50	Total
Sep.	35 36 01		1	0	0	0	0	0	1
	02 03 04		0	0	0	0	0	0	0
	05 06 07		2	1	1	0	0	0	4
	08 09 10		2	3	0	0	0	0	5
	11 12 13		1	14	30	28	7	17	97
	14 15 16		5	29	37	21	9	2	101
	17 18 19		1	3	4	0	0	0	8
	20 21 22		1	1	0	1	0	0	3
	23 24 25		3	0	0	0	0	0	3
	26 27 28		3	1	0	0	0	0	4
	29 30 31		0	0	0	0	0	0	0
	32 33 34		0	0	0	0	0	0	0
		10	17	52	72	50	16	19	236
Oct.	35 36 01		0	0	0	0	0	0	0
	02 03 04		0	0	0	0	0	0	0
	05 06 07		4	0	1	0	0	0	5
	08 09 10		0	6	2	0	0	0	8
	11 12 13		1	16	49	33	16	21	136
	14 15 16		2	17	41	10	3	1	74
	17 18 19		0	0	1	0	0	0	1
	20 21 22		1	0	0	0	0	0	1
	23 24 25		0	0	0	0	0	0	0
	26 27 28		6	0	0	0	0	0	6
	29 30 31		3	0	0	0	0	0	3
	32 33 34		2	1	0	0	0	0	3
		11	19	40	94	43	19	22	248
Nov.	35 36 01		0	0	0	0	0	0	0
	02 03 04		5	1	0	0	0	0	6
	05 06 07		3	2	0	0	0	0	5
	08 09 10		1	8	0	0	0	0	9
	11 12 13		3	29	66	38	7	10	153
	14 15 16		2	8	14	9	2	3	38
	17 18 19		0	0	0	0	0	0	0
	20 21 22		1	0	0	0	0	0	1
	23 24 25		3	0	0	0	0	0	3
	26 27 28		9	0	0	0	0	0	9
	29 30 31		3	0	0	0	0	0	3
	32 33 34		0	0	0	0	0	0	0
		12	30	48	80	47	9	13	239
Dec.	35 36 01		1	1	0	0	0	0	2
	02 03 04		1	1	1	0	0	0	3
	05 06 07		5	7	0	0	0	0	12
	08 09 10		6	12	3	2	0	0	23
	11 12 13		7	33	56	37	11	8	152
	14 15 16		0	6	4	0	0	0	10
	17 18 19		1	0	0	0	0	0	1
	20 21 22		2	0	0	0	0	0	2
	23 24 25		4	1	0	0	0	0	5
	26 27 28		6	1	0	0	0	0	7
	29 30 31		5	0	0	0	0	0	5
	32 33 34		2	0	0	0	0	0	2
		22	40	62	64	39	11	8	246

FREQUENCY ANALYSES
MAWSON 1965

Results of Radiosonde Observations

Temperature at 850 mb

0000 HRS GMT

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
536													
533							2						2
530							5	1					6
527				1		3	7	2	9				22
524				2	1	9	14	8	12	1			47
521			4	3	2	16	16	12	19	5			77
518			7	10	5	26	23	17	25	14	3		130
515			13	14	14	29	29	23	26	25	7		180
512	1	4	20	22	25	30	30	29	28	27	12	1	229
509	1	14	27	28	29	30	30	30	29	28	25	6	277
506	14	22	31	30	29	30	30	30	29	29	29	15	318
503	29	27	31	30	29	30	30	30	29	29	30	24	348
000	31	27	31	30	29	30	30	30	29	29	30	28	354
	31	27	31	30	29	30	30	30	29	29	30	29	355

Temperature at 700 mb

536													
533								1					1
530							1	3	2	1			7
527				1		2	8	9	7	2	2		31
524				2		9	20	12	16	7	7		73
521		1	6	8	6	22	29	17	25	23	12	2	151
518	3	4	20	23	12	28	30	29	29	26	16	7	227
515	12	17	29	25	20	30	30	30	29	28	26	15	291
512	28	24	30	30	28	30	30	30	29	29	30	23	341
509	31	27	31	30	29	30	30	30	29	29	30	26	352
506	31	27	31	30	29	30	30	30	29	29	30	28	354
	31	27	31	30	29	30	30	30	29	29	30	29	355

Temperature at 500 mb

548													
545							1	2					3
542							5	4	4				13
539				3		5	17	9	16	4	6		60
536		2	2	9	3	19	27	16	23	13	8	1	123
533		3	11	18	9	25	28	23	29	21	13	3	183
530	8	6	19	22	18	28	30	27	29	27	19	8	240
527	17	21	26	24	26	29	30	30	29	28	28	18	306
524	26	26	29	28	26	30	30	30	29	29	30	23	336
521	30	27	31	30	28	30	30	30	29	29	30	29	352
	31	27	31	30	28	30	30	30	29	29	30	29	354

Temperature at 300 mb

566													
563							5	1					6
560				2		2	16	11	10	4			45
557			2	5	3	10	27	19	26	16	5		113
554			4	9	14	26	29	28	28	22	18	1	179
551	9	10	12	17	24	28	30	30	29	28	28	13	258
548	22	23	27	25	27	30	30	30	29	29	30	24	326
545	27	26	31	29	27	30	30	30	29	29	30	28	346
542	30	27	31	30	27	30	30	30	29	29	30	29	352
	31	27	31	30	27	30	30	30	29	29	30	29	353

FREQUENCY ANALYSES
MAWSON 1965

0000 HRS GMT.

Temperature at 200 mb

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
578								1					1
575								7	1				8
572						1	7	16	12	6			42
569					1	4	18	23	24	9			79
566					3	10	28	27	29	19			116
563					6	18	30	27	29	24	9		143
560					20	25	30	27	29	27	18	2	178
557				1	25	27	30	27	29	28	26	3	196
554				8	27	29	30	27	29	28	27	6	211
551		1		22	27	29	30	27	29	28	28	10	231
548	2	7	11	29	27	29	30	27	29	28	29	13	261
545	17	18	30	29	27	29	30	27	29	28	29	28	321
542	27	26	31	29	27	29	30	27	29	28	29	29	341
539	31	26	31	29	27	29	30	27	29	28	29	29	345

Temperature at 150 mb

578								2					2
575						1	1	12	4	3			21
572						1	13	23	22	6			65
569						3	25	26	26	10			90
566					2	14	28	26	27	14			111
563					7	22	28	26	27	20	2		132
560					15	27	28	26	27	24	16		163
557				2	22	29	28	26	27	26	25		185
554				8	25	29	28	26	27	26	25		194
551			1	23	25	29	28	26	27	26	27	4	216
548			17	29	25	29	28	26	27	26	28	8	243
545	7	16	30	29	25	29	28	26	27	26	29	16	288
542	25	26	31	29	25	29	28	26	27	26	29	28	329
539	31	26	31	29	25	29	28	26	27	26	29	29	336

Temperature at 100 mb

578							1	3					4
575						2	8	4	1				15
572						9	14	4	4	2			33
569					4	19	15	4	6	5			53
566					11	23	15	4	6	8			67
563					15	26	15	4	6	10			76
560				4	18	27	15	4	6	14			88
557			1	7	22	27	15	4	6	17	11		109
554			5	17	24	27	15	4	6	21	18		133
551			19	28	24	27	15	4	6	22	25		156
548			30	28	24	27	15	4	6	22	27		172
545	3	8	30	28	24	27	15	4	6	22	27		194
542	28	23	30	28	24	27	15	4	6	22	28	18	245
539	29	24	30	28	24	27	15	4	6	22	29	27	265
536	30	24	30	28	24	27	15	4	6	22	29	27	266

FREQUENCY ANALYSES
MAWSON 1965

Temperature at Tropopause

0000 HRS GMT.

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
575						1		7	2	1			11
572						1	6	16	12	3			38
569					2	5	11	20	18	9	1		66
566					5	11	26	24	25	14	4	1	110
563			2	3	13	21	29	25	27	21	14	4	159
560		3	3	9	21	24	29	25	27	24	23	7	195
557	6	7	9	16	25	26	30	25	27	25	29	11	236
554	18	21	21	26	27	29	30	25	27	26	30	20	300
551	24	27	30	29	27	29	30	25	27	26	30	26	330
548	29	27	31	30	27	29	30	25	27	26	30	29	340
545	31	27	31	30	27	29	30	25	27	26	30	29	342

FREQUENCY ANALYSES
MAWSON 1965

0000 HRS GMT.

Geopotential at 850 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
085											1		1
090											2		2
095						1			1		2		4
100			4			1	2		6	3	4		20
105			8	3		1	7	2	7	7	9		44
110			11	7		4	14	10	13	15	20		94
115	2		16	14	6	12	22	22	24	20	24		162
120	7	2	22	21	17	23	27	26	28	26	28	9	236
125	21	13	30	23	26	29	29	28	29	28	30	19	305
130	30	24	31	30	27	30	30	29	29	29	30	27	346
135	31	27	31	30	27	30	30	30	29	29	30	29	353
140	31	27	31	30	29	30	30	30	29	29	30	29	355

Geopotential at 700 mb

235						1	4		1		1		2
240			2			1	9	5	6	3	2		18
245			6	3		3	14	8	8	7	6		45
250			9	4		12	22	19	15	11	12		76
255			11	8	1	23	26	26	23	15	21		132
260			17	15	9	27	28	27	28	23	23	3	190
265	6	1	22	21	17	30	30	28	29	28	27	16	236
270	11	11	30	23	25	30	30	29	29	29	30	26	292
275	28	21	31	29	27	30	30	30	29	29	30	28	339
280	31	24	31	30	27	30	30	30	29	29	30	29	349
285	31	27	31	30	28	30	30	30	29	29	30	29	354
290	31	27	31	30	29	30	30	30	29	29	30	29	355

Geopotential at 500 mb

470							1	1	2				4
475						1	4	3	3	1			12
480			3	1		1	9	6	9	5	5		39
485			6	3		4	16	9	16	7	12		73
490			8	4	1	8	21	10	23	10	15		99
495			12	9	6	16	25	20	26	18	17		144
500			15	17	12	22	28	24	28	26	21		187
505			19	19	22	30	29	26	29	29	24	1	215
510	4	3	24	21	24	30	30	28	29	29	27	3	250
515	12	12	28	24	26	30	30	29	29	29	29	13	289
520	25	19	29	27	27	30	30	30	29	29	30	24	328
525	30	23	31	29	26	30	30	30	29	29	30	26	343
530	31	26	31	30	27	30	30	30	29	29	30	26	349
535	31	27	31	30	27	30	30	30	29	29	30	29	353
540	31	27	31	30	28	30	30	30	29	29	30	29	354

FREQUENCY ANALYSES
MAWSON 1965

Geopotential at 300 mb

0000 HRS GMT.

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
800													
810							3	3	2				8
820			3	1		1	12	8	6	4	1		32
830			8	8	1	6	19	11	22	8	11		81
840			14	19	9	17	27	17	28	20	15		141
850		3	19	22	15	27	29	24	29	27	20		198
860	11	11	28	23	24	29	30	28	29	29	26	4	234
870	26	20	29	27	25	30	30	30	29	29	29	14	288
880	31	26	31	30	26	30	30	30	29	29	30	25	330
890	31	27	31	30	27	30	30	30	29	29	30	26	348
									29	29	30	29	353

Geopotential at 200 mb

1040													
1050							2	1	1				4
1060							8	5	3				16
1070							15	10	17	5	2		49
1080				1		5	25	15	26	9	10		90
1090			5	8	6	17	28	20	29	19	14		128
1100			13	17	15	26	29	24	29	26	17		170
1110			18	19	23	28	30	26	29	28	24		210
1120	3	5	27	22	25	29	30	27	29	28	26	1	230
1130	20	16	28	25	26	29	30	27	29	28	29	12	266
1140	27	26	31	29	27	29	30	27	29	28	29	22	309
1150	31	26	31	29	27	29	30	27	29	28	29	28	340
										28	29	29	345

Geopotential at 150 mb

1210													
1220							2						2
1230							8	4	1				13
1240							12	11	16	2			41
1250							22	13	27	7	2		73
1260						10	25	21	28	16	10		110
1270			1	3	7	21	28	23	28	19	14		133
1280			5	11	16	28	28	26	28	25	19		165
1290			15	19	22	29	28	26	28	26	23		192
1300			17	21	23	29	28	26	28	26	25		218
1310		4	26	23	24	29	28	26	28	26	27	2	227
1320	15	15	29	29	25	29	28	26	28	26	29	10	253
1330	25	25	31	29	25	29	28	26	28	26	29	23	302
1340	31	26	31	29	25	29	28	26	28	26	29	29	330
										26	29	29	337

FREQUENCY ANALYSES
MAWSON 1965

.0000 HRS GMT.

Geopotential at 100 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1460							1	1	2				4
1470							6	1	4	1			12
1480							12	3	8	3			26
1490						7	15	5	8	9	2		46
1500					3	15	17	5	8	12	7		64
1510					6	24	17	6	8	16	12		86
1520				2	15	27	17	6	8	20	16		100
1530			1	10	20	27	17	6	8	22	21		118
1540			10	17	22	27	17	6	8	22	23		134
1550			15	21	24	27	17	6	8	22	25		154
1560			18	25	24	27	17	6	8	22	26		166
1570		2	25	28	24	27	17	6	8	22	27	2	176
1580	7	11	28	28	24	27	17	6	8	22	29	6	194
1590	23	23	30	28	24	27	17	6	8	22	29	21	228
1600	29	24	30	28	24	27	17	6	8	22	29	26	263
1610	30	24	30	28	24	27	17	6	8	22	29	27	271
1620												27	272

Geopotential at Tropopause

650			1										1
700	1		1										2
750	1		5	5		1				1	1	2	14
800	4	2	8	8		4				2	4	6	34
850	8	5	18	13	5	6	1	2		7	11	7	71
900	21	13	26	18	9	7	8	2	2	12	20	15	139
950	28	22	29	26	13	14	20	6	6	19	26	20	216
1000	31	26	30	29	20	22	23	10	10	20	30	24	270
1050	31	26	31	29	24	26	29	12	12	24	30	26	296
1100	31	27	31	30	25	27	30	22	25	25	30	29	331
1150	31	27	31	30	26	29	30	22	26	26	30	29	336
1200	31	27	31	30	27	29	30	23	27	26	30	29	340
1250	31	27	31	30	27	29	30	24	27	26	30	29	341
1300	31	27	31	30	27	29	30	25	27	26	30	29	342

Pressure at Tropopause

Upper Limit Range - mb													
150								2					2
200					2	3	2	14	15	6			42
250	1	1	1	1	12	15	16	22	23	17	12	6	127
300	23	23	17	20	26	25	30	25	27	25	29	21	291
350	30	27	29	28	27	29	30	25	27	26	30	27	335
400	31	27	31	30	27	29	30	25	27	26	30	29	342

FREQUENCY ANALYSES
WILKES 1965

Station Level Pressure

Upper Limit Range - mb	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
950													
955						6			8				14
960						10				2			25
965			8			13	2	2	15	9	1		55
970	1		18	6		20	15	14	20	19	16		133
975	13	1	52	14	6	26	41	19	25	80	33		300
980	28	5	71	48	39	44	81	48	28	121	76	5	591
985	60	17	100	79	64	62	155	98	44	140	131	11	941
990	129	48	179	133	100	92	176	156	88	167	197	24	1470
995	220	104	199	149	117	180	224	205	169	203	226	97	1981
1000	247	193	239	177	181	228	248	237	204	227	237	154	2487
1005	248	224	245	201	214	240	248	248	235	240	240	225	2781
1010	248	224	248	214	227	240	248	248	240	240	240	248	2873
1015	248	224	248	229	235	240	248	248	240	248	240	248	2896
1020	248	224	248	256	242	240	248	248	240	248	240	248	2910
	248	224	248	240	248	240	248	248	240	248	240	248	2920

Maximum Temperature

Upper Limit Range - °F													
513													
511								2					2
510						1		2					3
509						2		2					4
508					1	4		3					8
507					1	4		3	1				9
506					1	5		3	1				10
505				1	1	5	1	3	1				12
504				2	1	5	2	3	1				14
503				2	2	5	3	3	5				20
502				2	3	7	4	3	5				24
501				3	3	9	4	3	6				28
000				4	4	10	6	3	6				33
001				5	4	12	6	3	8				38
002				6	4	12	7	3	9				41
003				6	4	12	7	4	11				44
004				6	6	16	9	4	11				52
005				8	6	18	9	5	13				59
006				8	7	19	9	7	13	1			64
007				8	8	19	10	8	13	1			67
008			1	9	8	20	10	10	15	1			73
009			1	12	8	20	10	10	19	1			81
010			1	13	10	20	11	11	21	3	2		92
011			1	15	13	20	12	12	22	3	2		100
012			2	15	14	21	12	13	22	4	2		105
013			2	15	14	21	12	15	23	6	4		112
014			5	15	14	21	12	17	24	8	6		122
015			5	16	14	21	13	18	25	9	7		128
016			5	16	15	21	14	18	25	9	7		130
017			5	16	17	21	15	18	25	11	8		136
018			5	17	20	21	19	16	25	13	9		147
019			8	20	20	22	20	20	27	17	10		164
020			9	20	20	22	20	20	28	18	11		168
021			9	21	21	24	21	22	29	22	12		181
022			10	22	21	25	22	22	29	24	14		189
023			11	23	22	26	22	23	30	27	14		198
024			11	23	22	27	22	24	30	30	14	1	204
025			12	23	23	28	23	25	30	30	14	1	209
026			12	24	23	29	25	27	30	31	19	1	221
027			15	26	24	29	28	28	30	31	24	1	236
028			17	27	26	29	29	29	30	31	24	1	243
029			18	27	26	29	29	29	30	31	26	1	246
030		2	23	27	29	29	30	30	30	31	27	2	260
031		2	25	27	29	29	31	30	30	31	29	3	266
032		4	26	30	29	29	31	30	30	31	30	6	276
033	2	6	27	30	29	30	31	30	30	31	30	10	286
034	2	9	27	30	30	30	31	31	30	31	30	12	293
035	5	13	29	30	30	30	31	31	30	31	30	16	306
036	7	15	31	30	30	30	31	31	30	31	30	19	315
037	9	19	31	30	30	30	31	31	30	31	30	20	322
038	13	21	31	30	31	30	31	31	30	31	30	23	332
039	17	25	31	30	31	30	31	31	30	31	30	26	343
040	21	25	31	30	31	30	31	31	30	31	30	27	348
041	23	25	31	30	31	30	31	31	30	31	30	29	352
042	23	26	31	30	31	30	31	31	30	31	30	30	354
043	23	27	31	30	31	30	31	31	30	31	30	30	355
044	25	28	31	30	31	30	31	31	30	31	30	30	358
	25	28	31	30	31	30							

FREQUENCY ANALYSES
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Minimum Temperature

Upper Limit Range - °F	Jan.	Feb	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
526						1							1
524						2							2
522						2		1					3
520						3		2					5
519						4		3					7
518					3	4		4					11
517					3	5		4					12
516				2	3	6		4					15
515				2	3	7	1	4	1				18
514				2	3	8	4	4	1				22
513				3	3	10	6	4	4				30
512				3	3	11	6	4	5				33
511				3	4	12	8	5	6				38
510				6	6	13	8	5	8				46
509				6	6	16	8	7	10	3			56
508				11	6	16	11	9	11	3			67
507				11	9	18	11	9	15	3			76
506				12	9	18	11	9	17	4			80
505			1	12	10	19	12	10	20	6			90
504			1	14	11	19	15	10	20	6			96
503			1	16	12	19	17	12	23	8			108
502			2	16	14	20	17	12	23	8	2		114
501			2	17	15	20	17	13	24	9	3		120
000			2	17	15	21	18	13	28	10	3		127
001			2	17	16	21	20	14	29	11	3		135
002			3	17	18	21	20	15	29	12	3		138
003			3	20	19	22	20	16	29	13	4		146
004			5	20	20	22	20	16	29	14	6		152
005			7	20	21	22	21	17	29	16	9		162
006			8	21	22	23	21	19	29	17	11		171
007			9	23	22	23	22	20	29	20	12		180
008			12	24	22	23	24	22	29	20	12		188
009			12	25	22	23	24	23	29	23	13		194
010			15	25	22	23	24	23	29	24	13		198
011			16	26	22	23	24	24	29	25	14		203
012			16	26	23	24	24	25	29	25	15	1	208
013		1	18	27	24	24	24	25	30	26	20	1	220
014		1	20	27	25	24	24	25	30	28	21	2	227
015		2	20	28	27	25	25	25	30	28	22	2	234
016		3	21	28	27	26	25	28	30	30	24	2	244
017		4	23	28	29	26	26	29	30	31	24	2	252
018		5	25	29	30	29	28	29	30	31	24	2	262
019		6	26	30	31	30	31	31	30	31	27	3	276
020		8	28	30	31	30	31	31	30	31	27	4	281
021		10	29	30	31	30	31	31	30	31	28	5	286
022		12	29	30	31	30	31	31	30	31	30	7	292
023	1	17	30	30	31	30	31	31	30	31	30	10	302
024	1	20	31	30	31	30	31	31	30	31	30	15	311
025	3	21	31	30	31	30	31	31	30	31	30	20	319
026	5	23	31	30	31	30	31	31	30	31	30	21	324
027	9	25	31	30	31	30	31	31	30	31	30	23	332
028	11	27	31	30	31	30	31	31	30	31	30	25	338
029	15	27	31	30	31	30	31	31	30	31	30	27	344
030	18	28	31	30	31	30	31	31	30	31	30	28	349
031	23	28	31	30	31	30	31	31	30	31	30	30	356
032	23	28	31	30	31	30	31	31	30	31	30	31	357
033	24	28	31	30	31	30	31	31	30	31	30	31	358
035	25	28	31	30	31	30	31	31	30	31	30	31	359

FREQUENCY ANALYSES
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Maximum Speed of Wind Gust

Upper Limit Range-Knots	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
10		3	1	1	2	1	1			1	1	3	14
20	12	14	14	14	10	19	9	11	17	16	13	17	166
30	15	16	21	17	13	21	14	14	24	22	22	22	221
40	17	18	26	18	20	23	17	17	27	25	25	24	257
50	24	21	29	24	24	24	19	19	27	27	27	28	293
60	26	23	29	28	28	25	22	21	27	28	28	29	314
70	27	27	30	28	30	27	25	25	29	29	29	31	337
80	29	28	30	30	30	28	27	30	30	30	30	31	353
90	29	28	30	30	31	30	29	30	30	31	30	31	359
100	29	28	30	30	31	30	31	31	30	31	30	31	362

Daily Amount of Precipitation

Upper Limit Range-Points													
000	22	23	22	22	21	24	20	17	18	18	22	24	253
005	25	26	23	27	22	26	27	26	26	25	28	29	310
010	26	26	25	28	25	27	28	30	28	29	30	29	331
020	29	26	28	30	25	29	31	31	28	30	30	29	346
030	30	27	29	30	28	29	31	31	30	30	30	29	354
040	30	28	30	30	29	29	31	31	30	30	30	29	357
050	30	28	30	30	30	29	31	31	30	30	30	29	358
060	30	28	30	30	30	29	31	31	30	30	30	29	358
070	31	28	30	30	31	29	31	31	30	31	30	29	361
080	31	28	30	30	31	29	31	31	30	31	30	30	362
090	31	28	31	30	31	30	31	31	30	31	30	30	364

FREQUENCY ANALYSES
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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. 024						1											1
026						1						1					2
027		1			1	5	1		1			1					10
028		1		1	2	6	1	1	3	1		1					17
029		7	1	4	6	6	1	3	5	1	1	1					36
030		9	6	4	8	10	5	3	6	2	1	1		1			56
031		13	8	5	11	14	8	6	6	4	2	1		1			79
032		16	10	6	15	15	12	11	8	5	4	2	1	1			106
033		17	13	9	19	21	18	14	8	8	5	5	3	1			141
034		17	13	12	19	22	20	15	11	10	8	6	4	2			159
035		17	13	12	20	24	22	16	13	17	9	9	5	4			181
036		17	13	12	20	24	22	18	14	25	13	10	6	4	1	2	201
037		17	13	12	20	24	22	19	22	28	15	10	7	7	2	3	221
038		17	13	12	20	24	22	19	23	29	17	11	9	8	5	1 5	235
039		17	13	12	20	24	22	19	24	29	17	13	11	8	6	1 6	242
040		17	13	12	20	24	22	19	24	29	17	13	11	9	8	1 6	245
041		17	13	12	20	24	22	19	24	29	17	13	11	9	8	2 8	248
Feb. 015								1									1
016								1			1						2
017								1			2						3
018						2		1			2						5
019						3		2			2						7
020						3		2	1		2						8
021						3		2	1	2	2			1			11
022						3		3	1	2	4		1	2		2	18
023						3		6	2	2	5		2	2			24
024						4	1	6	2	3	6		3	2		2	29
025					3	4	4	7	5	3	6	2	4	2	1		44
026			1	3	4	4	5	7	8	7	8	3	5	2	1		61
027			1	5	6	6	5	7	11	7	12	4	6	3	1	1 3	78
028			5	6	8	8	6	7	13	7	12	6	7	4	1	2 4	96
029			7	8	9	8	7	8	15	8	14	8	9	4	2	3 4	114
030		2	8	11	9	12	11	8	15	9	16	8	11	4	2	3 4	133
031		3	9	13	10	13	11	9	19	10	2	8	12	7	2	3 8	157
032		3	12	13	11	15	11	11	19	12	22	9	16	10	3	3 8	178
033		4	12	14	12	17	11	13	20	14	23	9	18	12	3	4 8	194
034		4	13	14	12	18	11	15	21	15	24	9	19	14	3	5 10	207
035		4	13	15	12	18	11	15	21	17	24	13	20	14	3	5 13	218
036		4	13	15	12	18	11	15	21	18	24	13	21	14	3	5 15	222
038		4	13	15	12	19	11	15	21	18	24	13	21	14	3	5 15	223
040		4	13	15	12	19	11	15	21	18	24	13	21	14	3	6 15	224
Mar. 501									1								1
000									1	1							2
001									1	1	1						3
002								1	1	1	2						5
003							1	2	1	2	2						8
004							1	4	3	2	3						13
005						1	1	4	4	3	3						16
006						1	1	4	6	4	3			1			20
007						1	1	5	6	4	4	2	1				24
008						1	2	5	8	4	6	3	3				32
009						1	3	7	8	4	8	5	3				39
010						1	4	7	8	4	11	8	4				47
011						1	5	7	9	6	13	9	4				54
012						1	5	7	9	7	13	9	5	1			57
013						1	5	8	9	8	14	10	8	2			65
014						1	5	8	11	8	15	12	8	2			70
015						1	5	9	12	10	17	13	8	2		1	80
016						1	2	6	9	12	13	17	14	9	3	2 1 1	90
017						1	2	6	10	13	14	19	15	9	3	4 2 2	100
018						2	3	7	10	13	14	19	15	9	3	4 2 4	105
019						2	3	8	11	13	16	19	15	10	4	5 4 4	114
020						2	3	8	11	16	17	22	16	11	4	6 5 4	125
021						2	3	8	11	16	18	28	18	12	4	7 5 4	136
022						2	3	8	11	17	18	29	18	12	6	7 6 4	141
023						2	4	9	12	17	18	29	18	12	7	9 6 7	150
024						2	5	10	15	19	23	31	18	12	8	12 8 10	172
025						2	9	11	15	19	25	31	18	12	10	18 8 12	190
026						2	11	11	16	20	26	32	20	13	12	18 8 14	203
027						4	11	11	16	22	27	34	20	13	13	19 10 15	215
028						5	11	11	17	23	29	35	20	15	13	21 10 15	225
						5	13	14	17	24	29	36	21	17	13	21 12 16	238

FREQUENCY ANALYSES
WILKES · 1965

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
or. 516				1													1
515				2													2
514				2	1												3
513				4	2		1										7
511				4	2	1	1				1						9
510				5	2	3	1				1						12
509				5	3	3	1				1						13
508				6	6	4	2				1						19
507				8	9	5	2		1		1						26
506				10	11	5	3	1	1		1						32
505				11	13	7	4	1	1	1	1						39
504				12	15	7	5	1	1	1	1						43
503				15	15	8	6	1	1	1	2					1	50
502				18	15	10	6	3	1	1	2	1	1	1		1	60
501				20	18	10	8	3	1	2	3	1	2	1		1	70
000				22	21	14	11	3	2	2	3	1	2	1		1	83
001			1	24	22	15	11	4	2	2	3	2	2	1	1	1	91
002			1	24	24	16	11	5	2	2	3	2	2	1	1	2	96
003			1	25	24	17	13	6	2	2	3	3	2	1	1	2	102
004			1	27	25	18	14	7	3	2	3	3	2	1	1	2	109
005			1	28	27	19	15	7	3	3	4	3	2	1	1	2	116
006			1	28	28	19	17	7	3	3	5	4	2	1	2	2	122
007			1	31	29	21	17	10	3	3	5	4	3	1	2	2	132
008			1	31	34	23	18	11	4	3	5	4	3	1	2	3	143
009			2	34	35	24	18	12	5	3	6	4	3	1	2	4	153
010			2	36	35	25	18	12	6	3	7	4	3	1	2	4	158
011			3	38	37	26	18	12	8	3	8	4	3	1	2	4	167
012			3	38	37	26	18	13	10	3	8	4	3	1	2	4	170
013			3	39	38	26	18	15	10	3	8	5	3	1	2	4	175
014			3	41	39	27	18	15	10	4	8	5	3	1	3	4	181
015			4	41	39	27	18	15	10	5	8	5	3	1	3	5	184
016		1	5	41	39	27	18	15	10	5	8	5	3	1	3	5	186
017		1	5	41	39	27	18	16	10	5	8	5	4	1	3	5	188
018		2	5	41	39	29	18	16	10	5	10	5	4	1	3	6	194
019		2	7	42	39	29	18	16	10	5	10	5	4	1	3	6	197
020		2	9	44	39	29	18	16	10	5	10	5	4	1	3	6	201
021		3	10	44	40	30	19	16	10	5	10	5	4	1	3	7	207
022		4	10	44	40	30	19	16	10	5	10	5	4	1	4	9	211
023		4	10	44	41	30	20	16	10	5	11	5	4	1	4	9	214
024		6	10	44	41	30	20	16	10	5	11	5	4	1	4	9	216
025		6	10	44	41	30	21	16	10	5	11	5	4	1	4	11	219
026		7	11	44	41	30	21	16	10	5	11	5	4	1	4	12	222
027		9	11	44	41	30	21	17	10	5	11	5	4	1	4	12	225
028		10	12	44	41	30	21	17	10	5	11	5	4	1	4	12	227
029		10	14	45	41	30	21	17	10	5	11	5	4	1	4	12	230
030		10	14	45	41	30	21	18	10	5	11	5	4	1	4	12	231
031		11	14	45	41	30	21	18	10	5	11	6	4	1	4	12	233

FREQUENCY ANALYSES
WILKES 1965

Screen Temperature v Dew Point Depression

	°F	Dew Point Depression 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	> 14	Total
May.	516					1												1
	515				1	1												2
	514				1	3												4
	513			1	1	3											1	5
	512			1	2	4											1	8
	511			1	2	4	1										1	9
	510			1	3	5	3										1	13
	509			2	6	5	4	2									1	20
	508			2	6	6	5	2									1	22
	507			2	7	8	5	3									1	26
	506			2	7	8	5	4									1	27
	505			3	9	8	6	6	3		1		1				1	38
	504			3	10	10	6	9	4		1		1	1			1	46
	503			3	11	12	7	9	4		2		1	1			1	51
	502			3	11	13	8	10	6	4	2		1	1			1	60
	501			3	11	14	8	12	10	5	4	1	1	1			1	71
	000			4	12	16	10	12	10	7	5	1	1	1			1	80
	001		1	5	12	18	10	12	10	9	5	1	2	1			1	87
	002		1	6	13	19	11	12	10	9	5	1	2	1			1	91
	003		1	7	14	20	12	12	10	9	7	1	2	1			1	97
	004		2	7	14	20	12	12	11	10	8	1	2	1			1	101
	005		2	7	15	20	12	12	12	12	9	1	2	1			1	106
	006		2	7	15	20	12	13	12	12	9	1	2	1			1	107
	007		2	8	17	21	12	13	12	13	9	3	2	1			1	114
	008		2	8	21	22	12	15	13	14	9	3	2	1			1	123
	009		2	9	22	24	13	15	13	16	9	3	3	1			1	131
	010		2	10	25	24	13	15	14	16	10	3	3	1	1		1	138
	011		2	10	28	24	14	15	14	16	10	3	3	1	1		1	142
	012		2	11	29	25	15	15	14	17	10	3	3	1	1		1	147
	013		3	12	29	25	16	16	15	18	10	3	3	1	1		1	153
	014		5	12	29	26	17	16	15	18	10	3	3	1	1		1	157
	015		7	12	30	27	18	16	16	20	10	3	3	1	1		1	165
	016		7	13	31	27	20	16	16	21	10	3	3	1	1		1	170
	017		9	14	31	28	20	17	16	22	10	3	4	1	1		1	177
	018		9	15	31	28	20	17	17	22	10	3	4	1	1		1	179
	019		9	17	33	28	20	17	17	23	10	3	4	1	2		1	185
	020		9	20	33	29	21	19	17	24	10	3	6	1	2		1	195
	021		10	20	33	29	22	21	18	25	10	3	6	1	2		1	201
	022		10	20	34	29	22	22	20	26	10	3	7	1	2		1	207
	023		12	20	34	31	23	22	20	26	10	4	7	1	2		1	213
	024		12	20	34	32	24	23	20	26	10	4	7	1	2		2	216
	025		14	23	34	33	25	23	20	27	10	4	7	1	2		3	225
	026		16	23	35	33	26	23	20	27	10	6	8	1	2		4	233
	027		19	24	35	33	26	23	20	27	10	6	8	2	2		5	239
	028		20	24	35	33	26	23	20	27	10	6	8	2	2		5	241
	029		21	24	35	33	26	23	20	27	10	6	8	2	2		7	242
	032		21	24	35	33	26	23	20	27	10	6	8	2	2		8	244
	033		21	24	35	33	26	23	20	27	10	6	8	2	2			245

FREQUENCY ANALYSES
WILKES 1965

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
n. 524								1									1
523							1	1									2
520							1	2		1							4
519						1	1	3	1	1							7
517						2	1	3	1	1							8
516						2	2	3	2	1							10
515		1				3	4	3	2	1	2						16
514		1				6	5	5	2	1	3						23
513		1	1	4		6	6	5	4	1	3						31
512		1	2	6	1	6	6	7	5	1	4						39
511		1	4	8	2	6	9	7	7	2	4		1				51
510		1	5	9	3	7	9	9	7	4	4		1	1			60
509		1	6	13	3	8	9	9	7	4	6	1	2	1			70
508		1	6	14	4	8	10	11	8	4	6	1	2	1			76
507		2	6	16	6	10	11	11	8	5	6	1	2	1			85
506		2	6	17	6	10	14	11	8	6	6	1	2	1			90
505		2	6	19	6	12	16	12	9	6	6	1	2	1			98
504		2	6	21	6	12	17	12	9	7	7	1	2	1			103
503		5	6	21	9	15	17	13	10	7	7	1	2	1			114
502		5	7	21	11	15	18	13	17	7	8	1	2	1			126
501		5	9	24	12	17	18	15	18	8	8	1	2	1			138
000		5	9	26	12	17	20	16	20	10	9	1	2	1			148
001		6	9	26	12	17	20	16	21	10	9	2	2	1			151
002		6	9	27	12	17	20	16	21	11	9	2	2	1			153
003		6	9	28	12	19	20	16	21	11	9	2	2	1			156
004		7	9	28	12	19	20	18	21	11	9	2	2	1			159
005		7	14	30	12	19	20	18	22	11	9	2	2	1			167
006		7	14	30	14	19	20	18	22	11	9	3	2	1			170
007		7	14	31	14	20	20	18	22	11	9	3	2	1			172
009		7	14	31	16	20	20	19	22	11	9	3	2	1			175
010		7	14	31	17	20	20	19	22	11	9	3	2	1			176
011		7	14	32	17	20	20	19	22	11	9	3	2	1			177
013		7	14	32	17	21	20	19	22	11	9	3	2	1			178
014		8	14	32	17	21	20	19	22	11	9	3	2	1			179
016		9	14	32	17	21	20	19	22	11	9	3	2	1			180
017		10	14	32	17	21	20	19	22	11	9	3	2	1			181
018	1	15	16	33	17	21	21	19	22	11	9	3	2	1			191
019	1	18	20	34	19	21	21	20	24	11	9	3	2	1			204
020	1	26	22	34	20	22	22	20	25	11	9	3	3	1			219
021	1	28	23	34	20	24	22	21	25	11	9	4	3	1			226
022	1	28	23	35	21	26	22	21	25	11	9	4	4	1			231
023	1	28	24	35	21	26	22	21	25	11	11	5	5	1			236
024	1	28	24	35	21	26	22	21	25	11	11	6	6	2			239
025	1	28	24	35	21	26	22	21	25	11	11	6	7	2			240
514				1		1		1									3
513			1	1		4		1									7
512			1	1		5		1									8
511			4	3	1	7	1	2									18
510		1	5	3	1	7	1	5		1							24
509	1	2	6	3	2	7	2	5		1							29
508	1	2	6	3	4	7	3	7		1							34
507	1	3	7	4	4	7	3	7	2	1							39
506	1	4	8	5	4	8	5	7	2	1							45
505	1	6	8	5	5	11	6	8	2	1							53
504	1	7	9	7	6	12	7	11	4	1							65
503	1	7	9	8	6	12	9	13	7	1							73
502	1	7	10	8	6	13	13	13	8	1							80
501	1	7	10	9	6	14	13	13	8	1	1						85
000	1	7	10	10	9	16	14	13	8	1	1						90
001	1	7	11	10	10	18	15	13	8	2	2	1					98
002	1	7	13	10	10	19	15	14	8	2	2	1					102
003	1	7	13	10	10	20	15	14	8	2	2	3		1			106
004	1	7	14	11	10	20	15	14	8	3	2	3		1			109
005	1	8	14	11	10	20	15	14	10	3	2	3		1			112
006	1	8	14	11	10	23	15	14	11	3	2	4		1			117
007	1	8	15	11	11	23	16	14	12	4	2	4		1			122
008	1	8	15	11	11	23	16	15	14	4	2	4		1			125
009	1	9	16	11	12	24	17	17	16	5	2	5		1			136
010	1	12	16	11	12	24	17	17	16	5	2	5		1			139
011	1	13	16	12	13	25	17	18	16	5	2	5		1			144
012	1	13	16	12	14	25	18	18	16	6	3	5		1			148
013	1	13	18	12	16	26	18	18	17	7	3	5		1			155
014	1	15	18	13	16	27	18	19	17	7	3	5		1			160
015	1	16	18	13	17	27	19	20	18	7	3	5		2			166
016	1	17	18	13	17	27	19	20	20	7	4	5		2			170
017	1	18	18	14	19	27	19	21	20	7	4	5		2			175
018	1	20	19	14	19	28	19	21	20	7	4	6		2	1		181
019	1	21	21	14	19	28	20	21	20	7	4	6		2	1		185
020	1	21	22	15	20	30	20	21	20	7	4	6		2	1		190
021	1	25	23	18	22	30	20	22	20	8	4	6		3	1	1	204
022	1	25	23	19	22	31	20	22	20	10	5	6		4	1	1	210
023	1	30	23	19	22	32	22	22	20	10	6	6	1	4	1	2	221
024	1	34	23	20	22	32	22	22	20	10	6	6	1	4	1	2	226
025	1	35	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

FREQUENCY ANALYSES
WILKES 1965

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
Aug.	520			1														1
	519		1	1	1		1		1									5
	518		1	1	2	1	2		2									9
	517		1	1	3	2	2		2									11
	516		1	1	4	2	4	2	2					1				17
	515		1	1	4	3	4	3	2					1				19
	514		1	1	5	3	5	4	3					1				23
	513		1	1	5	3	6	4	3					1				24
	512		1	1	5	3	6	5	3	1				1				26
	510		1	1	5	3	6	5	5	2				1				29
	509		1	1	5	3	6	5	5	2				1				35
	508		1	2	5	6	8	5	5	2				1	1			38
	507		1	2	5	8	8	5	5	2				1	1		1	41
	505		1	2	6	8	8	6	5	2			1	1	1		1	44
	504		1	2	6	8	10	6	5	2			1	1	1		1	46
	503		1	2	7	8	10	7	5	2		1	1	1	1		1	52
	502	1	1	2	10	8	12	7	5	2		1	1	1	1		1	55
	501	1	2	3	11	8	12	8	5	2		1	1	1	1		1	65
	000	1	2	3	12	13	12	8	5	4	1	1	1	1	1		1	71
	001	1	2	3	14	15	13	8	5	4	1	1	1	1	1		1	75
	002	1	2	4	14	16	13	9	5	5	1	1	1	1	1		1	77
	003	1	2	6	14	16	13	9	5	5	1	1	1	1	1		1	85
	004	1	4	7	16	16	13	11	6	5	1	1	1	1	1		1	88
	005	1	4	7	17	17	13	12	6	5	1	1	1	1	1		1	98
	006	1	6	8	18	22	13	12	6	5	2	1	1	1	1		1	101
	007	1	6	8	20	23	13	12	6	5	2	1	1	1	1		1	113
	008	1	9	10	22	25	13	13	7	6	2	1	1	1	1		1	123
	009	1	12	11	24	27	15	13	7	6	2	1	1	1	1		1	132
	010	1	15	12	24	30	16	14	7	6	2	1	1	1	1		1	148
	011	1	18	13	26	36	17	14	8	7	2	2	1	1	1		1	154
	012	1	19	13	26	37	18	14	8	9	2	3	1	1	1		1	163
	013	1	21	16	26	38	20	14	8	9	3	3	1	1	1		1	165
	014	1	22	16	26	39	20	14	8	9	3	3	1	1	1		2	170
	015	1	23	16	27	39	20	14	9	9	3	4	1	1	1	1	2	174
	016	1	26	16	27	39	20	14	9	9	3	4	2	1	1	1	2	179
	017	3	27	16	28	39	20	14	9	9	3	4	3	1	2	1	2	187
	018	3	32	16	29	39	20	14	9	9	3	4	3	1	2	1	2	190
	019	3	33	18	29	39	20	14	9	9	3	4	3	2	2	1	4	197
	020	4	34	18	29	39	20	14	10	10	3	4	5	5	3	1	4	210
	021	4	38	18	29	39	21	14	10	11	3	5	5	5	3	2	4	215
	022	4	40	19	29	40	21	14	10	11	3	5	5	9	4	2	4	222
	023	4	41	19	30	40	21	14	10	11	3	5	5	9	4	2	5	228
	024	4	44	19	30	40	22	14	10	11	3	6	5	11	4	3	5	233
	025	4	44	19	30	40	24	14	10	11	3	6	5	11	4	5	5	241
	026	4	46	19	30	40	25	14	12	12	3	6	5	11	4	6	5	242
	030	4	46	19	30	40	25	14	12	12	3	6	5	11	4	6	5	244
	031	4	46	19	31	40	25	14	12	12	3	6	6	11	4	6	5	245
Sep.	514			1														1
	512			1			2	1		1								5
	511		1		1	5	1			1								9
	510		2	1	1	7	3			2	1				1			18
	509		2	2	1	9	3			2	1				1			21
	508		4	4	2	10	4			5	1	1			1			32
	507		4	6	7	12	6			5	1	1	1		1			44
	506		4	6	9	12	6	1		7	1	1	1	1	1			50
	505		5	10	15	13	8	4	11	3	3	2	1		1			76
	504		6	11	17	14	10	7	12	3	3	3	1		1	1		88
	503		7	12	18	15	15	7	12	3	3	3	1		1	1		98
	502		7	12	20	17	16	8	14	4	5	4	2		1	1		109
	501		7	13	20	19	18	9	16	6	3	4	2		1	1	1	119
	000		7	16	21	24	22	12	18	7	3	4	2		1	1	1	139
	001		8	16	22	25	23	13	18	8	3	4	2		1	1	1	145
	002		8	18	22	25	25	13	18	9	4	4	2		1	1	2	151
	003		9	18	23	25	26	13	18	10	6	4	2		1	2	2	158
	004		9	18	23	26	26	13	20	10	7	4	2	1	2	3	2	165
	005		11	18	27	29	27	14	20	11	8	4	2	1	2	4	2	179
	006		12	18	27	30	27	14	20	12	10	4	2	1	2	4	2	185
	007		13	19	27	32	28	14	20	12	10	4	2	1	2	4	2	190
	008		15	20	29	36	28	14	20	12	10	4	3	1	2	4	3	201
	009		15	21	29	37	30	15	21	13	10	4	3	1	2	4	3	208
	010		18	22	29	37	30	15	21	13	10	4	3	1	2	4	3	212
	011		19	22	29	37	30	16	22	13	10	4	3	1	2	4	3	215
	012		20	22	29	37	30	16	22	13	10	4	3	1	3	4	3	217
	013		21	22	29	37	30	16	22	13	10	5	3	1	3	4	3	219
	014		22	22	29	37	31	16	22	14	10	5	3	1	3	5	3	223
	015		23	22	29	37	31	16	22	14	11	5	3	2	3	5	3	226
	016		23	22	29	37	31	16	22	14	11	5	4	2	3	6	4	229
	017		23	22	29	37	31	16	22	14	11	5	4	2	3	7	5	231
	018		23	22	29	37	31	16	22	14	11	5	4	2	3	7	6	232
	019		23	22	29	37	31	17	22	14	12	5	4	2	3	8	6	235
														3		8	6	237

FREQUENCY ANALYSES
WILKES 1965

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
509							1										1
507		1					1										2
506		1		1		1	1	1									5
505		1		2	1	1	1	3									9
504		1		2	1	2	2	3									11
503		4	1	2	1	2	2	3									15
502		4	1	2	1	2	4	3									17
501		4	2	2	2	3	4	3			1						21
000		4	2	3	3	4	4	3			1						24
001		4	3	3	3	4	4	3	2		1						27
002		4	3	4	3	5	5	5	2		1						32
003		5	4	4	3	5	5	5	4		1						36
004		6	5	6	3	6	6	5	4		1						42
005		7	6	6	7	7	8	5	4		1			1			52
006		7	7	6	8	8	9	7	5		1			1			59
007		7	8	9	8	8	9	7	5		2			1			64
008		8	8	10	8	9	10	7	5		2			2			69
009		11	10	13	8	10	10	7	7		2		1	2			81
010		12	11	14	12	11	10	10	8	1	2		1	2	1	1	96
011		15	13	16	12	11	10	11	9	1	2		1	3	1	1	106
012		18	16	17	12	13	11	12	11	1	2		1	3	1	1	119
013		18	17	18	13	19	11	12	13	1	2		1	3	1	1	130
014		21	19	22	13	20	12	12	13	2	3		1	3	1	1	143
015		21	21	22	17	20	13	16	17	3	3		1	3	1	1	159
016		25	21	23	18	23	13	16	19	4	3		1	3	1	1	171
017		30	25	26	19	23	14	18	19	5	3		1	3	1	1	188
018		35	26	28	20	24	14	19	19	6	3		1	3	1	1	200
019		38	28	31	23	24	16	19	21	6	3		1	3	2	1	216
020		41	28	32	25	25	16	20	22	6	4		2	3	2	1	227
021		45	29	32	25	25	18	20	22	6	5		2	3	2	2	236
022		46	29	33	25	25	18	20	23	6	5		3	3	2	2	240
023		46	29	33	25	25	18	20	24	6	5		3	3	2	2	241
024		46	29	33	25	25	18	21	25	6	5		3	3	2	2	243

FREQUENCY ANALYSES
WILKES 1965

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
Nov.	502								1									1
	000								2									2
	001								2						1			3
	004							1	2		1	3		1	1			9
	005				1			1	2		4	4	2	1	1			16
	006				1	1		3	2		5	6	3	1	2			25
	007				1	2		1	3		7	6	5	1	2			32
	008				1	2		4	4		7	6	6	2	2			36
	009				1	3		1	5		7	8	7	4	2			48
	010				2	3	2	4	6		7	8	8	5	3			57
	011				2	4	4	7	6		7	8	8	5	3		3	63
	012				2	5	4	8	6		7	8	8	5	3		3	67
	013				3	6	4	10	6		7	9	8	5	3		3	75
	014		1	1	3	6	5	11	6		7	9	9	7	4		3	83
	015		1	3	3	7	6	13	7		8	9	10	7	4		3	93
	016		1	6	3	9	6	14	9		9	10	11	7	4		3	107
	017		1	6	4	10	6	17	9		9	14	12	8	4		3	117
	018		1	7	4	10	6	18	11		7	10	16	12	9		3	122
	019		1	8	5	10	6	18	12		9	10	16	13	9		3	130
	020		1	8	7	10	8	18	13		11	11	16	13	10	1	3	141
	021		3	9	7	10	10	18	14		12	13	16	15	10	1	3	152
	022		3	11	8	11	10	18	16		13	15	16	15	11	1	3	159
	023		6	17	10	12	11	19	16		13	17	16	15	11	1	3	183
	024		6	23	12	17	13	21	16		15	19	19	15	12	2	3	207
	025		6	25	15	17	13	22	17		15	21	21	16	13	2	3	218
	026		6	28	18	17	13	23	18		16	22	21	16	13	3	3	224
	027		6	28	18	18	13	23	18		16	22	21	16	13	3	3	226
	028		6	28	19	20	13	23	19		16	22	21	16	13	3	3	231
	029		6	28	19	21	14	25	19		17	22	21	16	13	5	3	236
	030		6	28	19	22	15	25	19		17	22	21	16	13	5	3	239
	031		6	28	19	22	16	25	19		17	23	21	16	13	5	3	240

	°F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	> 14	Total
Dec.	014					1			1									2
	015					1			2									3
	016			1		1			2									4
	017			1	1	1			2								1	5
	018			1	1	1			2			1					1	6
	019			1	1	1			3			1					1	8
	020			1	1	2			3			1					1	9
	021			1	1	2		2	3			1			1		1	11
	022			1	1	2		3	3			1			1		1	13
	023			1	2	2	1	3	3		2	1		1	1		1	18
	024			1	2	2	1	3	3		3	2	1	1	1		1	22
	025		1	1	2	3	1	4	3	1	3	3	5	2	1	1	1	28
	026		1	2	2	4	2	5	3	2	4	2	2	1	1	1	1	40
	027		1	3	3	9	5	12	5	5	5	3	7	2	1	1	1	66
	028		1	3	5	11	7	14	7	8	7	6	9	4	1	2	1	89
	029		1	4	6	16	10	14	9	11	8	7	10	8	1	2	1	111
	030		1	4	6	17	11	17	12	13	13	1	10	8	2	2	1	130
	031		1	5	7	20	14	18	15	16	16	16	11	9	4	3	1	159
	032		1	6	9	20	14	18	17	23	19	17	12	10	4	4	1	179
	033		1	7	9	20	14	18	17	23	20	19	16	10	9	8	2	197
	034		1	7	9	21	16	18	18	25	21	22	17	11	10	9	2	213
	035		1	8	9	22	16	19	18	26	23	23	19	12	11	10	2	227
	036		1	8	9	22	16	20	18	27	25	24	21	12	11	10	3	236
	037		1	8	9	22	16	20	20	29	26	25	22	12	11	10	3	245
	038		1	8	9	22	16	20	20	30	26	25	22	12	11	10	3	246
	040		1	8	9	22	16	20	20	30	26	25	22	12	11	10	3	247
	042		1	8	9	22	16	20	20	30	26	25	22	12	11	10	3	248

FREQUENCY ANALYSES
WILKES 1965

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		18	1	0	0	0	0	19
	02 03 04		21	4	1	0	0	0	26
	05 06 07		5	4	0	1	0	0	10
	08 09 10		4	11	10	11	2	0	38
	11 12 13		2	1	10	3	1	3	20
	14 15 16		8	5	3	1	1	0	18
	17 18 19		27	10	0	0	0	0	37
	20 21 22		20	6	0	0	0	0	26
	23 24 25		6	1	0	0	0	0	7
	26 27 28		6	1	0	0	0	0	7
	29 30 31		13	2	0	0	0	0	15
	32 33 34		7	0	0	0	0	0	7
									12
		12	137	46	24	16	4	3	242
Feb.	35 36 01		6	0	0	0	0	0	6
	02 03 04		8	7	0	0	0	0	15
	05 06 07		7	7	0	0	0	0	14
	08 09 10		16	6	14	5	10	2	53
	11 12 13		6	5	4	10	5	0	30
	14 15 16		19	6	0	0	0	0	25
	17 18 19		24	8	0	0	0	0	32
	20 21 22		11	2	0	0	0	0	13
	23 24 25		3	1	0	0	0	0	4
	26 27 28		1	0	0	0	0	0	1
	29 30 31		1	0	0	0	0	0	1
	32 33 34		7	0	0	0	0	0	7
									23
		23	109	42	18	15	15	2	224
ar.	35 36 01		6	4	1	0	0	0	11
	02 03 04		12	7	4	1	0	0	24
	05 06 07		20	7	3	3	2	0	35
	08 09 10		12	18	9	1	1	0	41
	11 12 13		19	1	0	0	0	0	20
	14 15 16		11	2	0	0	0	0	13
	17 18 19		29	25	6	0	0	0	60
	20 21 22		5	2	0	0	0	0	7
	23 24 25		3	0	0	0	0	0	3
	26 27 28		1	0	0	0	0	0	1
	29 30 31		0	2	0	0	0	0	2
	32 33 34		4	2	0	0	0	0	6
									25
		25	122	70	23	5	3	0	248
r.	35 36 01		3	2	0	0	0	0	5
	02 03 04		11	6	0	1	0	0	18
	05 06 07		8	13	4	2	0	0	27
	08 09 10		13	8	2	7	9	0	39
	11 12 13		7	2	2	2	1	0	14
	14 15 16		7	0	1	0	0	0	8
	17 18 19		41	25	7	2	0	0	75
	20 21 22		4	1	0	0	0	0	5
	23 24 25		4	1	0	0	0	0	5
	26 27 28		2	0	0	0	0	0	2
	29 30 31		0	2	0	0	0	0	2
	32 33 34		2	1	1	0	0	0	4
									36
		36	102	61	17	14	10	0	240

FREQUENCY ANALYSES
WILKES 1965

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		4	3	1	0	0	0	8
	02 03 04		20	7	0	2	0	0	29
	05 06 07		15	10	5	1	0	0	31
	08 09 10		4	5	3	1	0	3	16
	11 12 13		6	2	0	2	1	2	13
	14 15 16		8	5	1	1	1	0	16
	17 18 19		28	37	12	4	1	0	82
	20 21 22		11	8	0	0	0	0	19
	23 24 25		1	1	0	0	0	0	2
	26 27 28		2	0	0	0	0	0	2
	29 30 31		2	0	0	0	0	0	2
	32 33 34		1	0	0	0	0	0	1
		27	102	78	22	11	3	5	248
Jun.	35 36 01		1	2	0	0	0	0	3
	02 03 04		10	13	0	0	0	0	23
	05 06 07		29	8	0	0	0	0	37
	08 09 10		10	3	1	10	12	16	52
	11 12 13		8	3	0	0	2	2	15
	14 15 16		20	3	0	1	0	0	24
	17 18 19		34	9	1	1	0	0	45
	20 21 22		0	2	0	1	0	0	3
	23 24 25		1	0	0	0	0	0	1
	26 27 28		0	0	0	0	0	0	0
	29 30 31		0	0	0	0	0	0	0
	32 33 34		2	0	0	0	0	0	2
		35	115	43	2	13	14	18	240
Jul.	35 36 01		0	1	0	0	0	0	1
	02 03 04		18	7	1	1	0	0	27
	05 06 07		14	9	2	1	1	0	27
	08 09 10		18	7	8	15	10	5	63
	11 12 13		9	3	1	3	7	9	32
	14 15 16		9	2	0	0	0	0	11
	17 18 19		21	19	3	0	0	0	43
	20 21 22		6	4	0	0	0	0	10
	23 24 25		0	0	0	0	0	0	0
	26 27 28		0	0	0	0	0	0	0
	29 30 31		0	1	0	0	0	0	1
	32 33 34		3	0	0	0	0	0	3
		30	98	53	15	20	18	14	248
Aug.	35 36 01		3	2	1	0	0	0	6
	02 03 04		17	8	3	0	0	0	28
	05 06 07		14	13	1	0	0	0	28
	08 09 10		6	10	13	8	9	15	61
	11 12 13		10	6	5	1	7	4	33
	14 15 16		9	4	0	0	2	0	15
	17 18 19		23	17	1	2	0	0	43
	20 21 22		5	0	1	0	0	0	6
	23 24 25		1	1	0	0	0	0	2
	26 27 28		2	1	0	0	0	0	3
	29 30 31		2	0	0	0	0	0	2
	32 33 34		1	2	0	0	0	0	3
									18
				64	25	11	18	19	248

FREQUENCY ANALYSES
WILKES 1965

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		6	2	0	0	0	0	8
	02 03 04		14	18	1	0	0	0	33
	05 06 07		27	14	2	0	0	0	43
	08 09 10		9	2	1	0	0	1	13
	11 12 13		13	1	0	1	3	11	29
	14 15 16		9	4	0	0	0	0	13
	17 18 19		32	16	2	0	0	0	50
	20 21 22		7	5	0	0	0	0	12
	23 24 25		2	1	0	0	0	0	3
	26 27 28		3	0	0	0	0	0	3
	29 30 31		3	3	0	0	0	0	6
	32 33 34		3	1	0	0	0	0	4
									23
		23	128	67	6	1	3	12	240
Oct.	35 36 01		5	0	0	0	0	0	5
	02 03 04		24	11	1	0	0	0	36
	05 06 07		26	14	6	0	0	0	46
	08 09 10		20	6	5	4	4	3	42
	11 12 13		9	3	2	2	3	0	19
	14 15 16		15	2	0	0	0	0	17
	17 18 19		29	9	2	0	0	0	40
	20 21 22		7	0	0	0	0	0	7
	23 24 25		2	0	0	0	0	0	2
	26 27 28		2	0	0	0	0	0	2
	29 30 31		3	5	1	0	0	0	9
	32 33 34		0	3	0	0	0	0	3
									20
		20	142	53	17	6	7	3	248
ov.	35 36 01		10	6	0	0	0	0	16
	02 03 04		15	14	0	0	0	0	29
	05 06 07		26	13	4	1	0	0	44
	08 09 10		8	9	8	7	2	0	34
	11 12 13		10	1	1	2	0	4	18
	14 15 16		9	1	0	0	0	0	10
	17 18 19		24	2	3	0	0	0	29
	20 21 22		7	2	1	0	0	0	10
	23 24 25		3	0	0	0	0	0	3
	26 27 28		4	2	0	0	0	0	6
	29 30 31		12	5	0	0	0	0	17
									24
		24	128	55	17	10	2	4	240
c.	35 36 01		20	4	0	0	0	0	24
	02 03 04		31	12	0	0	0	0	43
	05 06 07		14	4	0	1	0	0	19
	08 09 10		11	6	8	6	2	3	36
	11 12 13		5	7	5	2	1	0	20
	14 15 16		13	0	0	0	0	0	13
	17 18 19		14	3	0	0	0	0	17
	20 21 22		13	1	0	0	0	0	14
	23 24 25		8	2	0	0	0	0	10
	26 27 28		9	1	0	0	0	0	10
	29 30 31		5	1	0	0	0	0	6
	32 33 34		12	0	0	0	0	0	12
									24
		24	155	41	13	9	3	3	248

FREQUENCY ANALYSES
WILKES 1965

Results of Radiosonde Observations

1200 HRS GMT.

Temperature at 850 mb

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
521			2										2
518			3										3
515			4										4
512		4	10										14
509	6	12	18									1	37
506	20	20	21									4	65
503	29	24	21									5	79
000	29	25	21									5	80

Temperature at 700 mb

													3
521			3									2	22
518	3	5	12									4	58
515	18	18	18									5	73
512	23	24	21									5	80
509	29	25	21										

Temperature at 500 mb

													1
539			1										11
536	3	2	6										23
533	6	6	11										50
530	19	15	16									4	67
527	23	21	19									5	75
524	26	25	19									5	80
521	29	25	21										

Temperature at 300 mb

													3
557		2	1									2	17
554	1	8	6									4	41
551	7	15	15									5	69
548	22	23	19									5	78
545	28	24	21									5	80
542	29	25	21										

FREQUENCY ANALYSES
WILKES 1965

Results of Radiosonde Observations

0000 HRS GMT.

Temperature at 850 mb

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
530													
527						1	1	1	1				4
524						3	3	3	3				12
521				1	1	4	4	5	5				20
518			2	1	1	7	7	11	9	1	4		43
515			2	5	7	9	13	16	16	4	5		77
512		2	6	7	9	14	19	22	25	15	10		129
509	1	4	14	12	13	19	24	25	27	25	23	4	191
506	6	13	27	16	15	21	30	29	28	26	29	9	249
503	21	25	29	19	15	23	30	30	28	26	29	18	293
000	28	26	29	19	15	23	30	30	28	26	29	20	303
	31	27	29	20	15	23	30	30	28	26	29	22	310

Temperature at 700 mb

536													
533							1						1
530							1	1					2
527					1		3	1					5
524					4	1	7	7	9	1	2		31
521			1	2	7	10	14	17	16	9	8		84
518			10	8	9	17	21	24	26	22	16	2	155
515	6	4	19	15	12	23	28	30	28	26	25	7	223
512	17	17	29	16	14	23	30	30	28	26	29	12	271
509	26	26	29	19	15	23	30	30	28	26	29	18	299
506	31	27	29	20	15	23	30	30	28	26	29	19	307
	31	27	29	20	15	23	30	30	28	26	29	22	310

Temperature at 500 mb

545													
542						2	1		1				
539			1	2	2	5	9	8	8	3			4
536			5	4	6	13	19	16	16	17	4		38
533	2	1	11	8	10	21	22	23	25	22	12		100
530	8	7	18	10	12	21	27	27	28	23	21		157
527	14	16	23	15	13	23	30	30	28	26	25	10	202
524	26	23	27	17	15	23	30	30	28	26	28	13	253
521	29	26	28	18	15	23	30	30	28	26	29	22	286
	31	27	29	20	15	23	30	30	28	26	29	22	304
													310

Temperature at 300 mb.

569													
566							2						
563							4	1					2
560						5	13	4	16	2			5
557			8	4	1	16	21	22	27	13	1		40
554	3	9	15	6	4	21	30	26	28	21	14		101
551	11	24	22	12	9	23	30	30	28	23	20	9	156
548	21	26	25	17	14	23	30	30	28	26	26	18	205
545	27	26	29	20	15	23	30	30	28	26	28	21	264
542	30	27	29	20	15	23	30	30	28	26	29	22	290
						23	30	30	28	26	29	22	305
													309

FREQUENCY ANALYSES
WILKES 1965

Results of Radiosonde Observations

12.00 HRS GMT.

Temperature at 200 mb

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
554			1										1
551			1										1
548	1	1	3									2	7
545	4	12	19									5	40
542	22	23	21									5	71
539	29	25	21									5	80

Temperature at 150 mb

548			3										3
545	3	12	19									1	35
542	22	24	21									5	72
539	28	24	21									5	78

Temperature at 100 mb

548			1										1
545	3	5	12									1	21
542	15	17	12									4	48
539	23	19	12									5	59

Temperature at Tropopause

560			1									1	2
557	2	7	6									1	16
554	5	12	11									4	32
551	14	17	20									4	55
548	25	25	21									5	76
545	28	25	21									5	79
542	29	25	21									5	80

FREQUENCY ANALYSES
WILKES 1965

Temperature at 200 mb

00:00 HRS GMT.

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
584													
581								1					1
578								1					1
575								1					1
572							1	3	1				5
569						1	4	11	5				21
566					2	3	12	18	21	2			58
563					3	10	24	27	27	12			103
560				1	4	15	28	29	28	16	3		124
557				2	5	19	29	29	28	22	9		143
554				4	7	23	30	29	28	22	17		160
551				4	10	23	30	29	28	25	22	2	173
548	1		11	5	14	23	30	29	28	26	26	3	184
545	8	11	24	14	15	23	30	29	28	26	27	13	217
542	24	22	29	18	15	23	30	29	28	26	28	19	259
539	30	25	29	19	15	23	30	29	28	26	29	21	295
									28	26	29	21	304

Temperature at 150 mb

578													
575								1					1
572							2	4	1				7
569							9	17	14	1			41
566						2	16	26	21	4			69
563					1	8	22	29	26	12			98
560					4	16	27	29	27	16	2		121
557				1	6	22	28	29	27	20	6		139
554				2	8	22	28	29	27	23	10		149
551				3	12	22	28	29	27	23	18		162
548			7	5	15	22	28	29	27	24	22		172
545	3	7	27	15	15	22	28	29	27	26	25	1	195
542	22	23	29	19	15	22	28	29	27	26	28	10	241
539	30	25	29	19	15	22	28	29	27	26	29	19	288
									27	26	29	20	299

Temperature at 100 mb

581													
578								1					1
575							1	3	1				5
572							9	13	5				27
569						5	12	20	13	1			51
566						9	14	21	20	2			66
563					1	16	19	21	26	6			89
560					6	21	21	21	27	13			109
557				1	9	21	21	21	27	17			117
554				3	11	21	21	21	27	17	2		123
551				5	12	21	21	21	27	20	5		132
548			2	11	12	21	21	21	27	21	7		143
545			10	18	12	21	21	21	27	22	17		169
542		3	27	18	12	21	21	21	27	22	24	3	199
539	17	23	29	18	12	21	21	21	27	23	25	11	248
536	30	24	29	18	12	21	21	21	27	24	27	18	272
533	30	24	29	18	12	21	21	21	27	24	28	20	275
									27	24	29	20	276

Temperature at Tropopause

581													
578								1					1
575								1					1
572							2	4	2				8
569						1	7	15	5				28
566					2	5	15	18	14	1			55
563					5	10	23	20	24	9			91
560				3	5	15	28	23	27	16	6		123
557	1		3	6	6	20	30	25	27	21	15	3	157
554	2	5	11	7	9	21	30	25	27	24	21	11	193
551	6	15	23	11	12	22	30	25	27	25	22	16	234
548	17	24	27	16	14	22	30	25	27	26	25	20	273
545	26	26	29	18	15	22	30	25	27	26	28	20	292
	31	27	29	19	15	22	30	25	27	26	29	21	301

FREQUENCY ANALYSES
WILKES 1965

1200 HRS GMT.

Geopotential at 850 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
095			2										2
100			3										3
105			6										6
110	1		8										9
115	1		13									1	15
120	7	2	16									3	28
125	21	11	21									4	57
130	29	22	21									5	77
135	29	24	21									5	79
140	29	25	21									5	80

Geopotential at 700 mb

240			2										2
245			3										3
250			5										5
255			6										6
260	1		11										12
265	1	1	15									1	18
270	9	6	18									3	36
275	24	15	21									4	64
280	29	22	21									5	77
285	29	25	21									5	80

Geopotential at 500 mb

480			2										2
485			3										3
490			4										4
495			5										5
500			9										9
505			11										11
510		1	13									1	15
515	10	5	18									1	34
520	20	15	21									4	60
525	27	18	21									5	71
530	29	21	21									5	76
535	29	24	21									5	79
540	29	25	21									5	80

FREQUENCY ANALYSES
WILKES 1965

Geopotential at 850 mb

0000 HRS GMT.

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
085									1				1
090			1						1	1			2
095				2					1	1			3
100			7	4	2	3	2	2	4	6	2		20
105	1		13	9	4	9	11	7	7	13	10		64
110	3	1	22	12	8	18	19	16	17	16	15		119
115	13	4	24	14	11	22	25	24	24	20	23	2	182
120	25	14	29	16	13	23	29	29	28	24	27	5	230
125	31	25	29	18	13	23	30	30	28	25	29	14	276
130	31	27	29	19	14	23	30	30	28	26	29	20	302
135	31	27	29	20	15	23	30	30	28	26	29	22	308
140	31	27	29	20	15	23	30	30	28	26	29	22	310

Geopotential at 700 mb

235			1										
240			1				2	1	1	1			3
245			2	1	1	1	4	4	1	2			7
250			6	4	2	2	15	12	6	9			28
255			12	9	4	11	21	21	8	14	10		73
260	1	1	18	11	8	20	26	24	20	16	18		132
265	4	1	23	14	10	22	27	29	27	21	22		179
270	13	8	27	15	12	23	30	30	28	24	26	2	210
275	28	18	29	17	13	23	30	30	28	26	29	8	249
280	31	25	29	18	13	23	30	30	28	26	29	18	289
285	31	27	29	19	14	23	30	30	28	26	29	19	301
290	31	27	29	20	15	23	30	30	28	26	29	22	308
									28	26	29	22	310

Geopotential at 500 mb

475						1	1	1	1	1			
480			1		1	1	5	3	3	6			5
485			2	1	2	3	10	9	10	9	3		20
490			6	3	4	7	16	15	17	14	8		49
495			9	8	6	13	20	21	23	17	17		90
500			15	11	9	19	22	24	27	23	19		154
505			20	14	10	20	27	27	28	24	23		169
510	2	3	22	14	11	22	28	30	28	25	27	1	193
515	10	5	27	14	12	23	30	30	28	26	27	7	213
520	22	18	29	16	13	23	30	30	28	26	29	14	239
525	30	21	29	16	13	23	30	30	28	26	29	16	278
530	31	25	29	17	14	23	30	30	28	26	29	19	291
535	31	26	29	19	15	23	30	30	28	26	29	20	301
540	31	27	29	20	15	23	30	30	28	26	29	22	306
									28	26	29	22	310

FREQUENCY ANALYSES
WILKES 1965

1200 HRS GMT

Geopotential at 300 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
820			2										2
830			3										3
840			10										10
850			12										12
860	8	6	15									1	30
870	25	18	20									3	66
880	27	22	21									5	75
890	29	25	21									5	80

Geopotential at 200 mb

1090			3										3
1100			4										4
1110			11										11
1120			13										13
1130	6	7	19									3	35
1140	25	18	21									4	68
1150	29	24	21									5	79
1160	29	25	21									5	80

Geopotential at 150 mb

1280			2										2
1290			3										3
1300			11										11
1310			12										12
1320		6	20									2	28
1330	20	16	21									4	61
1340	28	23	21									5	77
1350	28	24	21									5	78

FREQUENCY ANALYSES
WILKES 1965

Geopotential at 300 mb — 0000 HRS GMT.

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
810						1	6	3	2	2			14
820			3		3	7	17	11	14	8	2		65
830			7	3	5	14	20	19	25	19	11		123
840			16	12	9	19	24	26	27	24	19		176
850		1	21	13	11	23	28	30	28	25	23		203
860	7	7	23	14	13	23	30	30	28	26	27	5	233
870	24	21	29	16	13	23	30	30	28	26	29	12	281
880	30	26	29	17	14	23	30	30	28	26	29	19	301
890	30	27	29	19	15	23	30	30	28	26	29	22	308
900	30	27	29	20	15	23	30	30	28	26	29	22	309

Geopotential at 200 mb

1050							5		1				6
1060						2	14	3	9	5			33
1070						7	18	16	23	8	1		73
1080					2	16	21	20	27	19	6		111
1090			5	1	6	21	26	28	28	23	16		154
1100			11	9	10	23	29	29	28	25	21		185
1110			19	12	13	23	30	29	28	26	23		203
1120		2	21	13	13	23	30	29	28	26	26	2	213
1130	5	7	26	15	14	23	30	29	28	26	28	11	242
1140	28	20	29	17	15	23	30	29	28	26	29	18	292
1150	30	25	29	19	15	23	30	29	28	26	29	21	304

Geopotential at 150 mb

1220							6		1				7
1230							12	3	7	2			24
1240						3	16	17	21	6			63
1250						11	17	23	25	14	2		92
1260					1	18	22	29	26	19	6		121
1270			1		5	21	25	29	27	24	12		144
1280			5	1	9	22	28	29	27	25	22		168
1290			11	9	13	22	28	29	27	26	23		188
1300			19	12	14	22	28	29	27	26	25		202
1310		1	21	13	15	22	28	29	27	26	27	2	211
1320	1	6	25	17	15	22	28	29	27	26	28	9	233
1330	23	17	29	18	15	22	28	29	27	26	29	17	280
1340	30	25	29	19	15	22	28	29	27	26	29	20	299

FREQUENCY ANALYSES
WILKES 1965

12 00 HRS GMT.

Geopotential at 100 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1550			2										2
1560			2										2
1570			8										8
1580			8										8
1590		6	12									2	20
1600	7	9	12									3	31
1610	23	18	12									5	58
1620	23	19	12									5	59

Geopotential at Tropopause

700	1	1											2
750	6	2	3										11
800	10	6	9										25
850	18	13	11										42
900	23	19	17									2	61
950	27	21	19									5	72
1000	28	25	19									5	77
1050	29	25	20									5	79
1100	29	25	21									5	80

Pressure at Tropopause

Upper Limit Range - mb													
250	1		2										3
300	10	12	11									4	37
350	23	23	20									5	71
400	29	25	21									5	80

FREQUENCY ANALYSES
WILKES 1965

Geopotential at 100 mb — 0000 HRS GMT.

Upper Limit range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1460							6	1	2				9
1470							10	5	11				26
1480						1	13	15	20	4			53
1490						5	13	18	22	6			64
1500						14	14	21	26	14			89
1510						18	16	21	27	20	2		104
1520					3	20	19	21	27	22	4		116
1530					7	21	21	21	27	22	10		129
1540			3		11	21	21	21	27	23	17		144
1550			7	6	12	21	21	21	27	24	22		161
1560			12	10	12	21	21	21	27	24	25		173
1570			19	15	12	21	21	21	27	24	26		186
1580			21	16	12	21	21	21	27	24	27		190
1590		5	28	18	12	21	21	21	27	24	28	10	215
1600	12	11	29	18	12	21	21	21	27	24	29	15	240
1610	30	24	29	18	12	21	21	21	27	24	29	20	276

Geopotential at Tropopause

600				1									1
650				2	1						1		4
700	1	1	1	4	1						1		9
750	3	1	3	4	3	1					4		19
800	9	1	10	7	3	5				3	6	2	46
850	16	8	16	11	6	8	3	2	1	9	12	2	94
900	22	19	18	13	8	9	8	3	8	11	19	9	147
950	28	26	25	16	8	13	14	4	11	17	22	14	198
1000	30	27	28	16	11	18	21	8	17	22	27	20	245
1050	31	27	29	16	13	21	26	12	19	24	28	21	267
1100	31	27	29	18	13	22	28	20	24	25	28	21	286
1150	31	27	29	19	15	22	28	22	25	25	29	21	293
1200	31	27	29	19	15	22	28	23	26	25	29	21	295
1250	31	27	29	19	15	22	29	24	27	25	29	21	298
1300	31	27	29	19	15	22	29	25	27	26	29	21	300
1350	31	27	29	19	15	22	29	25	27	26	29	21	300
1400	31	27	29	19	15	22	29	25	27	26	29	21	300
1450	31	27	29	19	15	22	29	25	27	26	29	21	300
1500	31	27	29	19	15	22	30	25	27	26	29	21	301

Pressure at Tropopause

Upper Limit range-mb													
100							1						1
150							2	1		1			4
200					2		5	8	8	2	1		24
250	1		2	3	7	10	19	19	17	11	7	2	98
300	13	18	17	8	8	17	29	25	26	23	18	15	221
350	28	26	27	15	14	22	30	25	27	26	25	21	286
400	31	27	29	18	14	22	30	25	27	26	28	21	298
450	31	27	29	19	15	22	30	25	27	26	29	21	301

Results of Surface Observations,

MACQUARIE JAN., 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	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	00	10049	44	41	39	33	12	80	4	01	6	4	5	4	0	0	6								
	03	10039	44	43	41	34	16	80	7	01	2	7	5	4			6								
	06	10029	45	44	43	35	20	32	8	60	2	8	6	1			8								
	09	10019	46	45	44	35	20	58	7	05	2	3	5	2	3		8								
	12	10011	47	46	45	35	20	66	7	05	2	6	5	4	0	1	8								
	15	10007	47	45	43	34	18	58	7	05	8	4	5	4	3	1	7								
	18	10004	45	45	45	35	18	58	8	80	8	8	4	4			8								
	21	10015	45	44	44	34	17	61	8	02	2	3	6	4	2		8			36	28	441	003	48	42
02	00	10022	44	43	42	32	10	66	7	02	6	7	5	5			7								
	03	10025	44	43	42	34	15	80	6	02	3	3	5	2	2		7								
	06	10032	44	44	43	34	05	80	7	02	2	7	6	3	2		7								
	09	10037	44	44	44	32	04	74	8	05	2	8	5	4			7								
	12	10042	47	46	45	36	03	84	6	02	1	5	8	4	3	0	8								
	15	10038	49	47	45	35	02	84	6	02	2	4	5	4	3	0	8								
	18	10023	46	45	44	36	02	58	8	10	2	8	6	2			8								
	21	10002	46	45	45	00	00	16	8	10	2	8	7	2			8			34	21	418	003	49	43
03	00	9967	45	45	45	36	11	04	8	50	4	8	6	0			8								
	03	9931	45	45	45	35	12	16	8	60	5	8	6	0			8								
	06	9904	45	45	45	34	22	32	8	01	6	8	6	2			8								
	09	9887	45	44	43	33	16	58	8	05	5	7	6	3	7		7								
	12	9852	45	45	44	34	20	58	8	61	6	5	6	2	2		7								
	15	9831	45	43	40	32	20	66	7	05	6	4	5	5	0	2	7								
	18	9827	45	43	40	34	17	74	4	05	2	4	5	5	0	0	7								
	21	9818	44	42	40	33	23	80	2	02	0	2	8	4	0	0	7			36	31	296	006	46	44
04	00	9801	42	41	40	33	19	80	2	25	0	2	2	4	0	0	7								
	03	9779	42	40	37	34	25	80	3	25	8	3	8	4	0	0	7								
	06	9766	43	41	36	31	30	80	7	80	8	7	8	4			7								
	09	9756	43	41	38	33	24	58	7	89	8	7	3	5			7								
	12	9751	42	40	37	32	27	66	7	15	8	7	5	4			7								
	15	9766	42	40	37	31	25	74	8	05	8	4	8	4	0	7	7								
	18	9795	41	39	36	28	24	74	7	80	8	7	3	5			6								
	21	9823	41	39	36	31	22	74	6	80	8	6	2	4			6			33	44	485	009	45	41
05	00	9838	42	39	35	30	19	74	7	25	8	7	2	4			6								
	03	9857	39	37	34	28	19	74	5	27	8	5	9	4	0	0	6								
	06	9877	38	37	35	28	19	66	8	89	8	8	9	4			6								
	09	9895	43	39	34	29	11	66	8	89	8	8	2	8			6								
	12	9899	45	42	35	30	14	84	6	01	2	3	1	4	7		6								
	15	9903	44	41	37	30	14	84	7	02	2	7	9	4	5		6								
	18	9907	42	40	36	30	12	80	7	16	8	6	9	4	5		6								
	21	9921	41	39	36	32	11	80	6	80	8	5	2	4	0	1	6			32	32	778	023	47	38
06	00	9922	40	38	36	29	09	80	2	25	8	2	2	4	0	0	6								
	03	9924	39	37	34	27	05	80	3	16	8	2	2	4	0	0	6								
	06	9936	40	37	33	29	10	82	3	15	0	2	8	4	5	0	6	6							
	09	9953	42	39	33	29	07	82	5	02	8	4	8	4	0	0	6								
	12	9953	39	36	30	27	11	82	7	26	2	4	2	4	7		6	6							
	15	9972	41	36	31	28	10	82	8	15	1	3	2	4	5		6	6							
	18	9982	39	35	32	28	11	80	6	16	8	5	4	4	3		6			27	28	349	008	44	37
	21	10000	36	34	30	20	03	80	3	27	8	3	8	4	0	0	6								
07	00	10012	36	34	30	19	04	80	6	25	8	6	8	4			5								
	03	10025	37	34	29	27	05	74	8	85	8	8	8	4			5								
	06	10051	39	34	24	28	10	80	8	15	8	8	8	4			5								
	09	10078	42	37	29	28	05	80	7	16	8	4	8	4	3		5	5							
	12	10098	42	37	28	28	07	80	8	03	8	2	2	4	5		5	5							
	15	10120	44	39	31	29	06	82	5	01	2	3	4	4	3	0	5	5							
	18	10136	42	37	28	30	06	82	3	01	1	3	4	4	0	0	5								
	21	10142	41	39	35	31	10	80	7	80	2	7	8	4			5			27	29	297	005	44	35
08	00	10143	43	40	36	33	13	80	7	02	2	7	5	6			6								
	03	10136	43	42	41	34	15	80	8	02	8	8	6	3			6								
	06	10146	44	43	42	33	17	74	8	60	6	8	6	3			6								
	09	10157	45	45	43	33	16	80	8	02	2	2	6	3	7		7	6							
	12	10158	46	45	44	33	15	74	8	02	2	3	6	2	2		7	6							
	15	10166	46	45	44	34	13	66	8	02	2	4	6	2	2		7	6							
	18	10172	45	45	44	34	11	32	8	02	2	8	6	0			7								
	21	10185	45	45	44	34	10	32	8	02	2	8	6	1			7			34	23	390	002	47	41
09	00	10185	45	44	44	34	10	32	8	02	8	8	6	1			7								
	03	10190	45	44	44	34	11	06	8	45	4	8	6	0			7								
	06	10204	45	45	45	34	09	48	8	02	5	8	6	2			7								
	09	10211	47	46	45	34	10	63	8	02	2	3	6	2	7		7	7							
	12	10224	47	46	44	34	09	74	8	02	2	8	6	5			7								
	15	10211	48	46	44	34	09	80	7	03	1	2	6	4	0	6	7		6						
	18	10216	46	45	44	34	09	82	7	03	2	7	5	4			7								
	21	10218	45	44	44	34	11	82	7	02	2	7	5	7			7			34	16	391	000	50	44

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
	00	10211	45	44	43	33	10	82	4	01	1	1	5	6		1	7								
	03	10207	44	44	44	34	11	82	7	03	2	3	5	5	3	1	7								
	06	10207	46	45	44	35	02	84	4	01	1	0	0	9	3	8									
	09	10211	48	47	45	31	01	84	2	02	2	1	1	4	7	8	7	7	6						
	12	10202	51	48	45	36	01	84	1	02	2	1	1	4	7	2	7		6						
	15	10191	51	49	47	00	00	84	3	02	0	1	1	4	0	2	8		7						
	18	10174	47	46	45	13	01	82	7	03	1	7	6	3			1								
	21	10163	46	46	46	13	01	32	8	50	5	8	6	2						36	15	322	000	53	44
	00	10143	46	46	46	00	00	16	8	10	5	8	6	0			2								
	03	10134	46	46	46	00	00	32	8	10	2	8	6	1											
	06	10134	45	45	45	00	00	04	8	45	4	8	6	0											
	09	10137	49	47	44	09	03	80	7	03	2	7	6	2			2								
	12	10134	47	47	46	07	03	80	7	02	2	7	6	2			2								
	15	10134	49	48	47	30	04	82	7	02	2	7	6	3			2								
	18	10120	49	47	47	30	04	82	8	02	2	1	5	3			7								
	21	10121	49	48	47	35	02	82	8	02	2	1	5	4	7					33	09	137	004	51	45
	00	10107	48	47	46	00	00	58	8	10	2	2	6	2	7										
	03	10089	48	48	48	15	06	48	8	10	2	8	6	2			3								
	06	10081	47	47	47	16	02	48	8	10	2	8	6	2			3								
	09	10073	47	47	47	17	04	09	8	45	5	8	6	1			3								
	12	10050	49	48	47	16	05	48	8	50	5	8	6	2			3								
	15	10020	49	48	47	15	09	06	8	50	5	8	6	0			3								
	18	10003	47	47	47	16	05	09	8	50	5	8	6	1			3								
	21	9992	47	47	47	00	00	16	8	50	5	8	7	1			8			15	11	161	001	49	47
	00	9977	45	45	45	33	01	16	8	50	5	8	6	1											
	03	9956	47	47	47	16	01	04	8	45	5	8	6	0			8								
	06	9939	47	47	47	16	02	16	8	10	2	8	6	1											
	09	9901	47	47	47	14	08	32	8	50	6	8	6	1			3								
	12	9869	48	48	48	10	02	04	8	47	5	8	6	0			3								
	15	9852	50	49	49	32	02	08	8	45	4	8	6	0											
	18	9826	48	48	48	00	00	05	8	45	4	8	6	0											
	21	9832	48	48	48	02	03	06	8	45	5	8	6	1			8			56	21	203	014	53	45
	00	9830	47	47	47	34	07	16	8	10	5	8	6	2			8								
	03	9830	47	47	47	34	08	32	8	50	5	8	6	2			8								
	06	9848	47	47	47	00	00	32	8	50	5	8	6	2			8								
	09	9860	44	44	44	26	16	16	8	50	5	8	6	0			6								
	12	9909	44	41	37	26	25	66	8	03	5	7	5	4	7		6	6							
	15	9959	42	39	34	26	20	74	8	02	2	8	5	5			6								
	18	9997	42	39	34	26	18	74	7	01	1	6	5	5	7		6								
	21	10020	42	39	34	28	14	80	7	02	2	7	5	5			6			26	54	181	008	47	44
	00	10027	42	39	34	30	15	80	4	02	2	4	5	5			6								
	03	10018	44	42	39	33	19	80	7	02	2	7	5	5			6								
	06	10007	45	44	43	33	21	74	8	02	2	8	5	5			6								
	09	9992	47	45	43	33	23	74	8	02	2	4	5	5	2		6								
	12	9968	46	45	44	33	28	58	8	61	2	8	5	3			6								
	15	9938	47	46	45	33	29	56	8	61	6	8	6	2			6								
	18	9916	47	46	46	33	29	24	8	61	6	8	6	1			6								
	21	9907	47	46	46	33	28	58	8	28	8	8	7	3			6			33	38	599	008	48	41
	00	9906	46	46	46	33	23	32	8	50	5	8	6	2			6								
	03	9917	46	46	46	32	19	32	8	16	5	8	6	2			6								
	06	9967	44	43	42	27	15	58	8	02	5	8	6	3			6								
	09	10012	46	44	41	26	12	74	7	01	2	7	8	4			6								
	12	10031	48	44	38	28	10	82	3	01	1	3	5	4	4		6	6							
	15	10058	47	45	42	26	12	80	4	03	1	3	2	4	7		6	6							
	18	10076	46	44	41	30	08	80	6	03	2	1	5	4	7		7	6							
	21	10090	45	44	43	32	07	82	8	03	1	2	1	4	5		7	6		32	29	712	014	49	44
	00	10094	44	43	42	31	05	82	8	02	2	8	0	9	3		7	7							
	03	10107	44	43	42	31	05	82	8	02	2	1	6	4	7		7	7							
	06	10117	45	44	43	34	02	80	6	01	2	3	6	2	3		7	7							
	09	10127	47	46	45	33	02	84	7	02	2	1	5	5	7		7								
	12	10125	48	45	42	36	03	84	8	02	2	8	0	9	7										
	15	10104	44	43	42	12	03	56	8	50	2	8	6	2			2								
	18	10082	47	47	47	36	04	08	8	60	5	8	6	0			8								
	21	10058	47	47	47	28	05	08	8	50	6	8	6	0			7			34	17	262	000	49	43
	00	10023	46	46	46	31	06	08	8	45	4	8	6	0			7								
	03	10028	47	47	47	29	07	16	8	10	4	8	6	0			7								
	06	10023	46	46	46	32	15	32	8	60	6	8	7	0			7								
	09	9979	47	47	47	32	14	60	8	02	6	7	5	4	2		7								
	12	9957	49	47	46	31	26	66	8	02	2	8	6	4			7								
	15	9956	48	47	46	31	32	56	8	10	2	8	6	1			7								
	18	9982	46	46	46	30	18	56	8	10	2	8	6	1			7								
	21	9996	45	45	44	30	14	66	8	02	2	6	6	2	7		7	6		31	40	230	013	49	44

Results of Surface Observations,
MACQUARIE JAN., 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND 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	00	9986	45	45	45	32	09	56	8	60	2	8	7	2			7								
	03	9958	46	46	46	02	10	16	8	60	6	8	7	0			8								
	06	9905	46	46	46	15	07	16	8	55	6	8	7	0			8								
	09	9859	49	49	49	34	25	48	8	16	5	8	7	2			8								
	12	9822	48	48	48	33	26	48	8	02	5	8	7	2			7								
	15	9918	47	46	45	29	20	82	3	01	1	2	1	5	3		6								
	18	9944	45	45	45	33	18	80	7	03	2	7	5	6			6								
	21	9953	46	45	44	33	11	80	7	02	2	7	5	2			7			27	46	418	020	50	45
20	00	9948	46	45	44	33	10	80	8	02	2	1	6	3	5		7	6							
	03	9928	47	46	46	35	15	80	7	21	2	1	6	2	7		8	6							
	06	9917	47	46	47	36	12	58	8	62	6	8	7	0			8								
	09	9911	46	46	46	33	04	82	7	01	6	4	6	2	7		7	6							
	12	9911	44	44	44	30	14	08	8	45	2	8	6	0			7								
	15	9909	46	46	46	32	08	08	8	45	4	8	6	0			7								
	18	9903	45	45	45	33	04	16	8	60	4	8	6	1			7								
	21	9900	46	45	46	29	05	16	8	10	5	8	6	0			7			35	24	390	011	47	44
21	00	9893	43	43	43	26	01	61	8	50	2	8	7	4			6								
	03	9901	40	39	38	17	20	74	8	02	6	8	5	4			5								
	06	9921	40	39	37	17	12	74	8	80	2	8	2	4			4								
	09	9933	40	38	35	19	12	80	7	80	8	7	2	4			4								
	12	9939	41	37	30	22	06	82	8	02	2	8	4	4			5								
	15	9944	41	37	30	27	12	82	8	02	2	8	4	4			6								
	18	9947	41	37	29	26	10	84	5	01	1	3	4	4	4		6	6							
	21	9947	41	37	31	27	05	84	7	02	2	4	5	4	3		6	6		18	28	263	003	45	39
22	00	9936	42	39	34	32	10	84	7	02	2	7	5	6			6								
	03	9932	42	39	34	33	17	84	8	02	2	1	1	4	2		6	6							
	06	9924	44	41	37	35	15	84	7	02	2	7	0	9	7			7							
	09	9926	44	42	39	33	19	80	8	80	2	8	8	4			7								
	12	9926	42	41	40	23	08	82	8	80	8	8	8	4			6								
	15	9934	41	39	36	13	04	80	7	60	6	1	1	4	7		7	7							
	18	9943	42	40	37	10	02	80	6	01	6	3	5	4	7	1	4	7	8						
	21	9954	40	39	37	06	01	82	6	02	2	5	5	5	3	0	2	8		34	24	307	002	44	40
23	00	9961	40	39	37	16	03	84	2	01	2	1	1	5	3	0	3	2							
	03	9970	40	38	37	17	09	84	3	03	2	2	5	5	3	0	4	3							
	06	9986	41	39	36	17	12	84	7	03	1	7	5	5			4								
	09	10003	41	41	39	14	10	25	8	60	6	8	5	4			4								
	12	10015	45	43	41	17	14	84	7	02	6	3	5	4	7		3	3							
	15	10036	46	45	43	13	13	84	2	01	1	1	1	4	4	1	3	3							
	18	10054	44	41	38	14	18	84	2	02	0	1	1	4	4	1	3	3							
	21	10073	43	40	36	14	18	80	3	02	0	3	1	5	4	0	3	3		12	22	200	000	47	39
24	00	10085	42	40	36	14	15	80	5	03	1	5	4	5	4		3								
	03	10097	42	40	36	14	12	84	5	02	1	4	8	5	4		3								
	06	10113	42	40	36	13	15	84	6	02	2	5	5	5	4	0	3								
	09	10134	45	42	38	13	13	82	4	02	2	3	2	5	3	0	3								
	12	10154	45	41	38	13	13	84	3	02	2	3	2	5	0	0	3								
	15	10171	44	41	37	13	14	84	5	03	0	5	5	5	0	0	3								
	18	10189	43	40	36	13	13	84	2	02	0	2	5	5	0	0	3								
	21	10210	42	40	37	13	12	84	7	02	2	7	5	5			3			14	19	511	000	46	41
25	00	10229	41	39	36	14	12	80	7	03	2	7	5	5			3								
	03	10237	42	40	36	14	10	84	2	01	2	2	5	5	0	0	3								
	06	10265	44	42	40	15	08	84	4	03	0	1	5	5	4	0	3	3							
	09	10271	45	42	38	16	11	82	8	03	2	8	5	5			3								
	12	10277	48	44	39	16	09	84	7	01	2	7	5	5			3								
	15	10277	48	45	41	16	10	84	7	02	2	7	5	5			3								
	18	10284	45	43	40	17	10	84	6	02	2	5	5	5	4		3								
	21	10292	45	43	41	16	06	82	7	02	2	7	5	5			3			14	17	421	000	49	41
26	00	10293	44	42	38	16	04	80	7	02	2	7	5	5			3								
	03	10290	43	40	35	18	02	82	7	02	2	7	5	5			3								
	06	10290	44	41	37	17	03	82	8	02	2	8	5	5			3								
	09	10290	46	42	36	28	05	82	8	02	2	8	5	6			4								
	12	10284	47	43	38	27	06	82	8	02	2	8	8	4			5								
	15	10273	47	43	38	27	07	82	7	01	2	7	8	4			6								
	18	10262	46	42	37	27	09	84	2	02	1	2	8	4			6								
	21	10261	44	43	40	27	03	82	5	03	1	4	5	5	4	0	6			27	14	238	000	47	43
27	00	10253	45	44	43	28	04	80	7	02	2	7	5	5			6								
	03	10231	45	43	40	29	10	82	7	02	2	7	5	5			6								
	06	10218	45	42	37	29	13	84	8	02	2	8	5	5			6								
	09	10214	45	42	38	31	15	84	8	02	2	8	5	5			7								
	12	10199	46	42	36	31	15	84	8	02	2	8	5	6			6								
	15	10176	47	44	40	31	16	84	7	02	2	4	8	5	3		6								
	18	10165	46	44	41	31	16	84	6	01	2	2	2	6	7	0	6								
	21	10159	46	44	41	30	16	80	6	02	2	2	5	5	7		6			31	25	249	000	47	43

Results of Surface Observations,
MACQUARIE JAN., 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
8	00	10148	46	44	42	30	16	80	7	02	2	3	5	5	7		6								
	03	10133	45	44	43	30	16	58	8	50	2	8	6	2			6								
	06	10133	45	44	44	26	02	32	8	51	5	8	6	2			6								
	09	10139	45	43	40	00	00	80	7	01	5	7	8	5			9								
	12	10136	45	43	40	29	06	84	7	02	2	7	5	5			6								
	15	10131	45	42	38	27	06	84	8	16	2	8	8	5			6								
	18	10133	44	41	37	24	07	82	7	02	8	7	8	5			5								
	21	10152	42	40	37	08	03	82	4	01	2	3	5	5	3	0	2			30	24	426	005	48	40
9	00	10147	41	38	33	28	07	84	2	01	6	2	5	5	0	0	6								
	03	10143	41	39	32	24	08	84	6	03	1	6	8	5	2	0	5								
	06	10147	43	40	36	22	08	84	5	15	1	4	2	5	2	5	5								
	09	10150	46	41	33	27	13	84	6	03	2	5	2	5	3	0	5								
	12	10151	46	42	36	26	14	84	5	02	8	5	2	5	0	0	6								
	15	10147	46	43	39	27	15	82	6	16	8	6	2	5	0	0	5								
	18	10149	44	40	34	24	09	84	5	02	8	5	8	5	0	0	5								
	21	10156	43	38	31	00	00	84	6	02	2	4	5	5	2	0	5			27	24	215	003	48	40
0	00	10154	41	37	31	27	05	80	8	03	2	8	5	5			6								
	03	10146	41	37	31	24	02	84	7	02	2	7	5	5	2		5								
	06	10149	41	38	32	24	02	84	7	02	2	7	5	5			5								
	09	10147	45	40	32	26	01	84	7	02	2	6	5	5	3		6								
	12	10136	46	40	32	32	02	84	7	02	2	6	5	5	3		6								
	15	10126	46	41	33	35	05	84	7	02	2	6	5	5	0	1	6								
	18	10114	45	40	32	34	06	84	4	01	2	1	5	5	3	1	6								
	21	10117	44	41	37	35	10	84	7	03	1	7	5	5			8			35	18	197	002	48	40
1	00	10102	45	42	38	01	12	84	7	02	2	7	5	5			8								
	03	10085	45	43	39	01	14	84	7	02	2	7	5	5			8								
	06	10079	47	44	40	36	10	84	7	02	2	7	5	5			8								
	09	10073	47	45	43	34	13	84	8	60	2	8	0	9	7		9								
	12	10058	47	46	45	34	13	82	8	21	6	1	6	3	7		7								
	15	10044	48	47	46	33	17	82	8	02	6	1	6	3	7		7								
	18	10035	46	46	46	33	16	58	8	50	5	8	7	2	0		7								
	21	10030	46	46	46	34	12	08	8	50	5	8	7	0			7			36	23	269	000	48	44

Results of Surface Observations,
MACQUARIE February, 1965

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES MAXIMUM	EXTREME TEMPERATURES MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
01	00	10015	45	45	45	30	13	64	4	01	4	4	6	3	0	0	7								
	03	9990	44	44	44	34	10	82	7	03	1	7	6	5			7								
	06	9956	47	46	46	34	20	64	8	60	6	5	6	3	7		7	7							
	09	9936	46	46	45	29	23	58	7	25	8	7	8	3			7								
	12	9952	48	45	41	27	20	74	7	02	8	7	8	3			6								
	15	9959	47	45	43	27	21	74	8	16	2	8	8	6			6								
	18	9965	46	44	41	28	15	74	7	02	2	2	3	3	3		6								
	21	9957	45	44	43	30	18	74	6	02	8	1	8	3	3		8	6		28	35	405	008	49	44
02	00	9937	45	44	43	29	18	74	4	25	8	1	2	5	3	0	6	6							
	03	9936	44	42	39	26	19	80	6	25	8	6	2	5	0	0	5								
	06	9949	44	42	38	26	21	80	6	14	8	6	2	5			5								
	09	9962	45	42	39	27	22	80	5	80	2	5	2	5	2		6	6							
	12	9974	45	42	37	26	25	80	7	02	8	7	5	5	2		6	6							
	15	9983	46	42	37	26	22	80	7	02	2	7	8	5			6								
	18	9992	45	41	37	26	16	80	7	02	2	7	5	5	2		6	6							
	21	10003	44	42	39	27	18	82	3	01	2	3	5	5	0	0	6			27	39	377	014	46	42
03	00	10004	44	43	42	32	08	74	8	03	1	8	6	3			7								
	03	9997	45	45	45	32	15	08	8	50	5	8	6	0			7								
	06	9993	45	45	45	31	14	06	8	50	5	8	6	0			7								
	09	9983	47	47	47	30	09	04	8	45	4	8	6	0			7								
	12	9960	47	47	47	32	17	08	8	45	4	8	6	0			7								
	15	9931	47	47	47	32	18	06	8	45	4	8	6	0			7								
	18	9914	47	47	47	30	12	32	8	62	6	8	7	0			7								
	21	9930	44	44	44	30	12	58	8	21	6	8	6	3			7			26	29	455	002	48	44
04	00	9920	45	44	44	32	20	74	1	01	1	1	6	3	0	0	7								
	03	9917	45	43	41	31	22	80	4	03	1	3	1	5	4	0	7								
	06	9918	45	43	40	31	23	84	4	02	8	3	1	5	4	0	7								
	09	9915	46	43	39	30	27	82	4	25	2	4	2	4	0	1	7								
	12	9917	45	43	40	29	26	80	6	25	8	6	2	4	0	1	7								
	15	9915	43	41	38	29	24	80	6	25	8	5	2	4	4	2	6	6	5						
	18	9905	43	41	38	29	22	80	5	02	8	4	4	4	3	1	6	6	6						
	21	9904	42	40	37	29	24	80	5	25	8	5	2	4	0	0	6			30	41	489	020	47	42
05	00	9904	43	39	35	27	25	80	5	25	8	5	2	4	0	0	6								
	03	9904	42	38	31	28	25	80	7	25	8	7	2	4			6								
	06	9913	41	38	32	27	20	80	7	27	8	7	2	4			6								
	09	9919	42	38	31	26	20	80	8	25	2	3	2	4	2		5	5							
	12	9930	43	39	33	26	24	80	8	25	1	1	2	4	2		5	5							
	15	9954	42	38	31	26	26	80	8	25	2	2	2	4	7		5	5							
	18	9969	42	37	30	26	25	80	7	25	2	2	4	4			5								
	21	9998	39	37	34	27	27	80	6	80	8	6	8	4			5			27	51	666	010	45	40
06	00	10015	41	38	33	27	14	80	8	80	8	8	8	4			5								
	03	10030	42	37	28	26	24	80	7	25	8	7	8	4			5								
	06	10037	41	38	37	27	18	80	8	25	2	6	8	4	7		5								
	09	10030	42	40	37	26	17	66	8	25	2	5	6	4	2		5								
	12	9993	43	43	43	30	12	24	8	63	6	5	7	3	2		6								
	15	9970	45	45	45	29	20	56	8	61	6	6	7	2	2		6								
	18	9958	45	45	45	27	15	32	8	60	6	8	7	2			6								
	21	9951	45	45	45	28	17	48	8	61	6	8	7	2			6			26	46	646	002	46	39
07	00	9995	44	44	44	28	20	48	8	60	6	8	7	2			6								
	03	9968	44	42	39	27	24	58	8	02	6	8	5	4			6								
	06	9998	41	40	38	18	15	80	4	02	8	4	5	5			5								
	09	10020	42	39	33	17	09	82	7	02	2	7	5	5			5								
	12	10037	43	39	32	27	08	84	7	02	2	7	5	5			5								
	15	10036	44	39	33	19	07	84	5	01	2	5	5	5			5								
	18	10044	41	37	31	16	10	84	4	02	2	4	5	5			5								
	21	10061	38	35	30	20	03	84	4	02	2	4	5	5			5			27	40	482	028	46	40
08	00	10063	39	36	31	23	07	84	8	02	2	8	5	5			5								
	03	10066	40	36	30	24	01	84	8	02	2	8	5	5			5								
	06	10069	40	37	32	27	08	84	8	02	2	8	5	5			5								
	09	10072	42	39	34	27	12	84	8	02	2	8	5	5			5								
	12	10073	42	40	37	26	14	84	8	21	6	8	7	3			5								
	15	10065	43	40	35	27	11	84	8	02	2	8	5	5			5								
	18	10058	43	41	38	30	10	84	8	02	2	8	5	5			5								
	21	10047	43	41	38	32	11	84	8	02	2	8	5	5			6			32	21	224	000	46	38
09	00	10023	44	42	39	34	11	84	8	02	2	8	5	5			6								
	03	9998	44	43	42	32	14	84	8	02	2	8	5	5			7								
	06	9976	45	43	40	34	15	58	8	50	2	4	7	3	7		7								
	09	9957	46	45	45	32	12	74	8	03	5	5	6	2	7		7								
	12	9948	47	46	45	31	10	84	7	01	5	4	6	3	7		7								
	15	9931	47	45	44	33	15	82	8	02	2	1	6	3	7		7								
	18	9907	46	45	44	34	16	66	8	61	6	4	7	2	2		7								
	21	9878	45	44	43	35	17	58	8	61	6	8	5	5			7			33	32	321	001	49	43

Results of Surface Observations,
MACQUARIE February, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
0	00	9842	46	45	44	33	27	32	8	61	6	8	5	5			7								
	03	9848	43	42	39	27	24	74	7	01	6	7	5	5			6								
	06	9861	44	41	37	31	13	82	4	01	1	1	5	5	3		7								
	09	9859	47	45	42	31	10	82	4	03	0	3	9	5	4		7								
	12	9846	48	45	43	33	17	84	3	01	8	3	8	5	7		7								
	15	9833	48	46	44	33	16	80	2	01	0	1	5	5	3		7								
	18	9824	45	43	41	32	15	80	6	87	2	6	9	5			7								
	21	9822	44	42	39	34	16	82	2	25	8	2	2	5			7			31	34	559	017	49	43
1	00	9814	44	41	37	32	23	82	2	25	8	2	2	5			7								
	03	9813	43	41	38	32	22	82	2	02	8	2	2	5			7								
	06	9820	44	42	39	31	15	84	2	02	8	2	2	5			7								
	09	9853	45	43	40	29	12	84	6	03	2	6	8	5			7								
	12	9834	47	44	39	27	05	84	6	02	2	6	4	5	3		6								
	15	9855	49	43	34	25	04	84	6	02	2	6	4	5	4		6								
	18	9858	45	41	36	00	00	84	7	02	2	7	5	5			6								
	21	9871	41	38	33	21	04	84	2	02	1	1	5	5	3					32	30	410	007	49	42
2	00	9875	40	37	32	21	05	82	1	02	0	1	0	9	3										
	03	9882	40	37	32	25	06	82	2	02	0	1	5	5	3		5								
	06	9900	41	39	36	18	11	82	4	80	8	4	8	5			4								
	09	9925	42	40	37	18	10	80	5	80	8	5	8	5			4								
	12	9940	43	41	35	18	20	84	6	80	8	6	8	5			4								
	15	9961	44	43	42	18	16	84	6	02	2	6	8	5	3		4								
	18	9986	41	37	30	20	06	84	7	02	2	7	8	5			4								
	21	10013	38	36	35	23	09	82	8	80	8	8	8	5			4			18	33	175	003	45	39
3	00	10021	39	35	29	19	05	82	8	02	2	8	5	5			5								
	03	10023	39	35	28	18	05	82	8	02	2	8	5	5			4								
	06	10035	40	36	29	22	02	84	7	02	2	8	5	5			5								
	09	10036	43	37	26	32	04	84	8	02	2	8	5	5			6								
	12	10032	43	39	33	32	14	82	8	50	2	8	5	5			6								
	15	10021	39	38	36	33	12	80	8	61	6	8	5	5			7								
	18	10016	41	40	39	34	16	32	8	61	6	8	6	2			7								
	21	10008	44	42	39	26	15	80	6	01	2	6	5	5			6			35	25	239	003	46	38
4	00	10015	43	42	39	26	15	84	1	02	0	1	1	5			6								
	03	10008	43	42	40	30	08	84	4	03	0	4	5	5			6								
	06	9998	44	42	39	29	16	82	7	03	1	1	1	5	7		6								
	09	9975	46	43	38	28	14	82	7	61	2	6	2	4	3		6								
	12	9962	45	43	40	24	15	56	8	61	2	8	2	4	4		5								
	15	9940	45	43	37	24	15	80	7	81	8	6	2	4	7		5								
	18	9924	43	41	39	24	12	80	7	81	8	6	2	4	3		5								
	21	9917	42	41	40	28	10	66	7	81	8	5	2	4	7		5			26	32	287	009	47	39
5	00	9905	42	41	39	18	10	82	4	01	8	4	2	4			5								
	03	9901	41	39	36	17	10	82	7	25	8	3	2	4	3		5								
	06	9923	41	38	33	26	12	82	7	02	2	4	2	4	3		5								
	09	9925	44	40	34	22	14	84	7	02	2	5	2	5	2	1	5								
	12	9925	44	39	32	24	20	84	6	02	2	5	2	5	2		5								
	15	9929	42	39	34	24	18	84	7	02	2	7	8	4	2		4								
	18	9933	41	37	32	24	10	82	7	02	2	6	5	4	2		5								
	21	9935	41	37	33	23	18	82	7	02	2	5	2	4	2		5			24	44	318	020	48	40
6	00	9945	40	37	31	21	10	82	7	25	8	7	2	4			5								
	03	9949	40	36	29	23	15	84	7	02	2	7	2	4			5								
	06	9957	39	37	34	23	15	84	4	25	2	4	4	4			5								
	09	9963	41	38	33	26	19	82	6	25	8	6	2	5			5								
	12	9959	43	39	33	24	09	84	6	02	8	6	8	5			5								
	15	9950	43	39	33	27	13	84	7	02	2	7	8	5			5								
	18	9940	41	38	33	22	05	84	7	02	2	7	4	5			5								
	21	9929	39	37	31	21	05	84	4	01	2	2	5	5	3		5	5		26	41	304	003	48	39
7	00	9916	40	38	34	17	06	84	8	03	1	2	5	5	3		5	5							
	03	9910	39	37	34	17	09	84	4	02	2	3	4	4	3		5	5							
	06	9922	39	35	32	17	12	84	7	03	8	7	5	6			5								
	09	9937	40	36	30	18	10	84	7	02	2	7	5	5			5								
	12	9951	41	38	33	20	10	84	8	02	2	8	5	5			4								
	15	9967	42	38	32	19	14	84	7	01	2	6	5	5	3		4								
	18	9985	41	38	33	19	10	84	7	02	2	6	5	5	3		4	4							
	21	10006	40	38	35	27	10	82	6	80	2	6	2	5			5			17	28	352	000	42	38
8	00	10020	40	37	33	19	09	84	4	01	2	4	8	5			4								
	03	10030	39	37	33	17	10	84	7	03	1	7	4	5			4								
	06	10046	39	37	34	24	10	84	5	15	8	5	4	5	0	1	4								
	09	10047	41	39	36	17	02	84	6	25	8	5	2	4	3		5								
	12	10043	45	41	34	28	08	84	4	01	1	1	1	5	3	2	3								
	15	10029	43	40	35	32	11	84	7	03	1	7	0	9	7		6								
	18	10014	43	42	39	36	09	84	8	02	2	1	5	5	7		6								
	21	9993	43	43	42	35	10	58	8	63	2	8	7	3			8			26	25	238	002	46	38

Results of Surface Observations,
MACQUARIE February, 1965

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES MAXIMUM	EXTREME TEMPERATURES MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
19	00	9990	45	44	44	35	05	48	8	63	6	8	7	2			8								
	03	9983	44	44	44	31	05	58	8	51	6	8	7	2			8								
	06	10001	43	42	41	24	10	74	8	02	6	5	6	3	2		6	6							
	09	10025	43	42	41	21	08	74	8	20	2	5	6	4	2		6	6							
	12	10032	45	42	38	28	13	84	7	02	1	7	5	5			6								
	15	10033	44	42	39	27	14	84	6	02	1	6	8	4			6								
	18	10032	44	42	39	28	08	84	6	02	2	2	5	5	3		6	6							
	21	10035	43	42	41	29	07	84	3	02	1	3	0	9	3		6	6		26	38	254	035	46	42
20	00	10025	43	43	42	31	08	87	3	02	0	3	5	6			6								
	03	10008	44	43	42	32	09	87	3	02	0	3	5	3			6								
	06	9969	45	44	44	33	09	61	8	60	1	8	7	2			6								
	09	9970	46	45	45	33	16	56	8	10	6	8	6	2			7								
	12	9958	46	46	46	32	15	58	8	21	2	8	6	2			7								
	15	9955	46	46	46	31	12	48	8	60	6	8	6	0			7								
	18	9978	45	43	41	18	13	80	7	02	6	6	6	3	3		4			22	26	257	003	47	42
	21	10010	44	43	42	21	08	63	8	60	5	5	7	3	2		4								
21	00	10038	43	40	35	20	06	80	8	02	2	8	5	5			5								
	03	10055	42	39	34	19	06	82	8	02	2	8	5	5			4								
	06	10074	43	39	33	26	10	82	7	02	2	7	4	5	7		5	5							
	09	10085	46	41	33	27	09	84	2	01	8	2	8	5	4		5	5							
	12	10098	47	43	39	29	12	84	5	03	1	3	1	5	3		5	5							
	15	10080	47	44	40	31	09	84	5	02	1	2	8	5	3	1	5	5							
	18	10068	45	43	40	34	11	84	6	03	2	4	0	9	3	8	6	6							
	21	10041	44	42	40	35	13	84	5	02	0	3	0	9	5	0	6	6		34	28	272	003	48	42
22	00	10000	45	42	39	35	19	82	8	02	1	8	0	9	7		6	6							
	03	9929	46	43	40	35	24	82	8	02	2	8	0	9	7		6	6							
	06	9855	45	44	43	35	26	58	8	63	6	2	7	3	2		6	6							
	09	9768	45	45	44	36	34	52	8	63	6	4	7	2	2		8	6							
	12	9786	45	44	43	28	30	48	8	60	6	3	7	2	2		6	6							
	15	9833	45	43	40	30	27	74	4	16	8	4	8	4			7								
	18	9870	44	42	38	26	23	74	3	01	8	3	8	5			6								
	21	9893	44	42	41	30	20	80	3	02	0	2	8	5	3		6	6		30	66	412	045	47	44
23	00	9902	45	43	41	30	19	80	5	02	2	5	2	5			6								
	03	9908	45	44	43	31	19	82	3	25	2	3	2	5			7								
	06	9909	45	44	43	33	22	74	6	02	0	3	0	3	0	4	7		6						
	09	9902	47	45	44	33	22	61	7	05	2	2	6	3	4		7	6							
	12	9885	48	46	45	33	24	74	1	01	0	1	6	3	5		7	7							
	15	9859	48	47	45	33	23	63	7	03	2	2	6	3	7		7	7							
	18	9822	47	46	45	34	28	32	8	68	2	4	6	2	3		7	7							
	21	9832	45	44	43	30	12	74	6	25	1	3	2	5	3		7	7		34	52	618	010	49	44
24	00	9847	44	43	43	33	11	84	0	02	1	0	0	9	0	0									
	03	9857	44	43	42	32	15	84	1	02	0	1	5	6			7								
	06	9869	45	44	44	33	14	74	1	02	0	1	8	2	0	1	7								
	09	9883	46	44	41	34	14	84	2	02	0	1	9	5	0	1	9								
	12	9890	47	45	43	33	10	82	6	16	2	5	8	5	3	1	7								
	15	9907	47	44	40	28	07	84	4	02	0	2	8	5	3	0	6								
	18	9926	44	42	39	27	06	84	1	02	1	1	0	9	3			6							
	21	9946	41	40	39	25	02	84	1	02	0	1	0	9	3			6		32	19	515	011	49	44
25	00	9950	40	39	38	00	00	80	1	02	0	1	5	6											
	03	9953	40	39	38	26	01	74	0	02	0	0	0	9	0	0									
	06	9957	41	40	39	00	00	80	1	02	0	1	1	4	3		6	7							
	09	9957	46	44	41	33	01	84	2	02	0	1	1	4	0	1	6								
	12	9954	48	44	39	32	04	84	3	02	0	1	1	4	0	1	6								
	15	9953	49	45	40	16	02	84	2	02	0	1	1	4	5		6								
	18	9958	46	42	38	28	04	84	6	03	2	1	5	4	3		6								
	21	9962	44	41	37	27	14	80	6	03	2	2	5	4	7		6			26	26	157	002	50	40
26	00	9964	42	39	34	25	18	82	4	02	2	4	5	4			6								
	03	9968	42	38	34	26	16	82	5	02	2	5	5	4			6								
	06	9974	42	40	37	25	16	82	5	16	2	5	8	4			5								
	09	9976	45	42	38	29	11	84	3	02	2	3	3	4			5								
	12	9965	47	43	38	32	10	84	3	02	2	1	2	4	3	1	6								
	15	9953	45	44	43	34	09	82	8	60	6	3	5	4	7		6								
	18	9929	45	45	45	33	16	66	8	60	6	5	5	4			7								
	21	9929	45	45	45	32	11	66	8	60	6	3	6	2	2		7	7		26	26	297	000	48	42
27	00	9918	45	44	45	31	11	63	8	60	6	4	7	3	2		7	7							
	03	9914	44	44	43	31	10	82	5	21	6	5	5	4	7		7	7							
	06	9921	45	44	44	30	10	63	8	60	1	4	6	2	8		7	7							
	09	9934	46	45	44	31	07	82	7	05	6	1	5	4	8		7								
	12	9939	47	46	45	30	12	82	7	02	2	2	5	4	7		8								
	15	9954	47	45	43	29	13	82	7	02	2	1	2	4	8		6								
	18	9968	44	41	37	27	15	82	7	03	8	7	5	5			6								
	21	9976	44	41	37	29	15	82	7	02	2	7	5	6			8			28	28	318	012	49	44

Results of Surface Observations,
MACQUARIE February, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
	00	9962	45	43	40	31	19	80	8	02	2	8	0	9	7			6							
	03	9921	45	45	44	32	26	56	8	62	6	8	7	2			7								
	06	9918	46	45	45	29	23	66	7	21	6	6	6	3	7		6	6							
	09	9935	46	44	41	29	21	80	5	16	2	5	8	5			6								
	12	9941	46	43	39	28	24	82	5	15	2	3	2	5	3	1	6								
	15	9946	46	42	36	27	24	80	6	15	1	6	8	5			6								
	18	9954	43	40	35	26	24	82	4	25	8	4	8	5			6								
	21	9955	43	40	34	27	25	82	6	02	2	6	8	5			6			27	43	468	010	48	44

Results of Surface Observations,
MACQUARIE March, 1965

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	00	9946	43	39	36	26	21	84	2	02	1	2	2	5			6								
	03	9953	40	39	36	22	08	84	5	15	8	5	2	5			5								
	06	9977	40	37	32	22	08	84	4	15	8	4	2	4	3		5	6							
	09	10005	43	39	33	23	11	84	4	02	1	3	2	5	0	1	5								
	12	10020	43	39	33	24	09	84	4	02	1	3	2	5	4		5								
	15	10033	43	38	30	24	11	82	6	87	2	3	2	5	3		5								
	18	10052	40	37	32	18	10	82	4	15	8	4	3	5			4								
	21	10072	41	37	30	20	08	82	3	25	2	3	2	4	3		5	5		26	32	537	005	46	39
02	00	10078	40	37	33	17	07	82	4	25	2	4	2	4			4								
	03	10085	40	37	34	21	03	82	6	80	2	6	2	4			4								
	06	10079	39	36	31	23	02	82	7	03	2	3	8	4	7		5	5							
	09	10074	43	39	34	32	08	84	6	03	8	1	1	5	7		6	6							
	12	10057	43	40	36	31	17	82	8	60	1	4	7	5	2		6	6							
	15	10006	44	42	38	33	19	84	7	01	1	1	1	5	7		6	6							
	18	9978	45	43	43	33	20	80	8	60	6	3	7	3	7		7	6							
	21	9937	45	45	45	32	23	32	8	64	6	8	7	3			7			33	36	237	007	46	38
03	00	9902	46	46	46	32	22	16	8	21	6	8	7	1			7								
	03	9895	45	45	45	30	11	10	8	10	6	8	7	0			7								
	06	9896	45	45	45	29	08	58	7	01	2	4	6	2	7		7	7							
	09	9897	45	45	45	30	08	80	8	02	2	2	6	2	7		7	7							
	12	9887	47	46	45	32	10	80	7	01	2	4	5	2	4		7	7							
	15	9871	46	46	45	32	12	74	7	03	2	6	5	2	4		7	7							
	18	9851	45	45	44	32	14	66	8	02	2	6	5	2	4		7								
	21	9845	45	45	45	31	12	74	7	02	2	5	5	2	3		7	6		32	25	461	022	47	44
04	00	9833	44	43	43	27	11	74	5	25	8	5	8	5			6								
	03	9845	43	41	38	26	15	80	4	02	1	4	2	5			6								
	06	9857	43	40	36	27	16	84	2	02	0	2	2	5			6								
	09	9891	44	42	39	28	16	84	3	80	1	3	2	5	2		6	6							
	12	9872	46	43	39	29	15	84	3	02	1	3	2	5			6								
	15	9871	45	43	40	30	17	84	7	03	2	3	2	5	7		7	6							
	18	9871	45	42	40	29	25	82	7	02	2	3	2	5	7		7	7							
	21	9887	42	41	40	28	20	82	5	25	2	5	2	5			6			30	40	370	003	47	42
05	00	9896	43	42	40	28	19	82	6	02	2	6	2	4			6								
	03	9917	43	41	38	27	17	82	4	02	2	4	2	4			6								
	06	9936	44	43	41	29	15	82	6	15	8	6	8	4			6								
	09	9948	45	44	44	30	16	80	8	50	5	5	5	5	2		7								
	12	9948	46	45	44	30	16	80	8	02	2	3	6	2	2		7								
	15	9946	46	45	45	30	17	66	8	50	5	4	6	2	2		7								
	18	9946	46	45	45	31	18	66	7	01	5	7	5	2	2		7								
	21	9949	45	45	44	31	17	74	8	02	2	6	6	4	2		7			27	30	486	004	48	41
06	00	9942	45	45	45	31	13	66	8	02	2	8	6	4			6								
	03	9936	45	45	45	31	12	74	8	02	2	8	6	4			6								
	06	9928	46	45	45	32	15	60	8	02	2	8	6	1			7								
	09	9895	47	47	46	36	02	04	8	50	2	8	6	0			7								
	12	9863	47	46	46	32	12	03	8	50	5	8	6	0			7								
	15	9807	48	48	48	34	12	08	8	61	6	8	6	0			7								
	18	9743	49	49	48	34	34	56	8	63	6	7	5	1	2		7								
	21	9717	48	48	48	31	28	66	8	21	6	8	6	2			7			36	50	411	003	50	45
07	00	9710	47	46	45	31	24	80	3	21	1	3	6	5	0	0	7								
	03	9695	47	44	41	31	35	82	0	01	1	0	0	9	0	0									
	06	9569	47	45	43	32	40	58	8	03	3	8	5	5			7								
	09	9677	47	45	43	31	43	58	8	50	5	8	5	4			7								
	12	9702	47	44	40	30	36	58	7	16	2	7	8	4			7								
	15	9716	47	44	40	29	36	66	4	01	1	4	8	4	0	0	7								
	18	9735	45	43	40	29	35	66	7	03	2	7	5	5			7								
	21	9772	44	42	40	28	26	66	8	02	6	8	5	5			6			32	66	669	051	48	45
08	00	9803	43	41	38	28	25	66	8	21	6	8	5	5			6								
	03	9837	41	39	37	27	26	74	8	80	8	8	8	5			6								
	06	9870	41	39	36	27	28	82	5	25	8	4	2	5	4	0	6	6							
	09	9908	43	40	35	27	26	84	3	01	8	2	2	5	8	0	6								
	12	9929	45	41	35	28	23	84	3	02	8	3	8	5	0	0	6								
	15	9946	44	41	37	29	20	84	6	15	2	6	8	7	0	1	6								
	18	9953	44	43	42	30	09	84	7	03	8	2	5	4	7		6								
	21	9951	44	44	43	31	08	74	8	03	8	6	3				7			27	49	791	009	49	40
09	00	9942	46	45	46	32	13	66	8	60	6	5	7	1	2		7								
	03	9919	47	46	46	35	26	66	8	50	6	8	6	4			8								
	06	9894	47	47	47	35	22	16	8	60	6	8	6	0			8								
	09	9861	49	49	49	34	30	32	7	02	6	5	6	2	7		8								
	12	9835	48	47	46	35	25	48	8	21	6	8	6	2			8								
	15	9806	46	46	46	32	13	48	8	61	6	8	6	2			7								
	18	9777	45	45	45	33	13	66	6	60	6	6	6	2	0		7								
	21	9740	46	45	45	31	24	74	3	01	1	3	6	4	0	0	7			30	52	445	010	50	43

Results of Surface Observations,
MACQUARIE March, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE C_L	BASE h			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas			C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
	00	9726	44	42	39	30	34	74	8	21	6	3	6	4	2		7	7							
	03	9775	43	41	37	27	40	66	8	60	6	3	7	4	2		6	6							
	06	9866	42	38	32	27	36	80	7	01	6	6	8	5	7		6	6							
	09	9923	42	38	32	27	29	80	7	89	8	7	8	5			6								
	12	9952	45	43	40	28	23	84	5	02	2	4	8	5	3		6	6							
	15	9960	46	43	39	31	20	84	7	15	2	3	8	5	7		6	6							
	18	9941	46	45	44	31	30	48	8	60	2	4	6	2	7		7	6							
	21	9928	46	46	46	31	32	58	8	60	6	4	6	2	7		7	6		27	59	668	013	48	39
	00	9917	47	47	47	31	35	48	8	60	6	4	6	2	2		7	7							
	03	9913	43	43	42	31	36	48	8	60	6	4	6	2	2		7	7							
	06	9934	48	47	46	31	35	48	8	60	6	5	6	2	2		7	7							
	09	9947	47	47	47	31	26	16	8	61	6	5	6	1	2		7								
	12	9938	47	47	47	31	27	16	8	21	6	8	6	1			7								
	15	9925	48	47	47	31	30	32	8	02	2	8	6	2			7								
	18	9922	48	47	46	31	30	16	8	02	2	8	6	2			7								
	21	9938	48	47	46	31	30	32	8	60	6	4	6	2	2		7	7		29	51	773	015	48	45
	00	9954	46	46	46	31	20	48	8	60	6	4	6	2	2		7	7							
	03	9972	47	46	46	31	18	48	8	61	6	4	6	2	2		7	7							
	06	9990	45	45	45	30	07	58	8	10	6	8	6	2			7								
	09	10004	46	45	45	31	08	03	8	45	4	8	6	0											
	12	9997	46	46	46	33	07	32	8	60	6	5	6	2	2		7								
	15	9973	45	45	45	08	06	16	8	51	6	8	6	1											
	18	9928	46	46	46	14	02	16	8	51	5	8	6	1			4								
	21	9896	49	48	48	31	26	16	8	63	6	8	6	1			7			34	37	577	019	49	47
	00	9986	47	48	47	31	25	16	8	50	6	8	6	1			7								
	03	9874	48	48	47	31	22	16	8	50	5	8	6	1			7								
	06	9879	46	46	45	32	16	04	8	50	5	8	6	0			7								
	09	9882	45	44	43	09	05	58	8	02	6	1	6	3	7										
	12	9858	45	43	43	16	19	48	8	61	6	2	7	3	2		3								
	15	9843	43	42	41	15	11	58	8	61	6	4	6	3	2		3								
	18	9867	43	42	41	27	27	56	8	63	6	4	7	3	2		5								
	21	9954	43	43	42	26	12	80	3	02	6	2	5	5	4	0	6			27	41	379	032	46	43
	00	9987	44	44	43	28	13	80	5	03	0	4	5	4	4	0	6								
	03	10007	45	44	43	30	10	66	7	50	2	7	6	4	1	1	6								
	06	10032	45	44	43	32	10	80	5	10	1	5	5	2	4	0	7								
	09	10037	46	45	45	33	14	82	7	03	1	7	5	2			7								
	12	10032	46	45	44	33	12	82	8	02	2	8	5	2			7								
	15	10016	45	45	45	33	12	80	7	20	2	7	5	2			7								
	18	9994	45	44	43	35	16	66	8	50	5	8	6	2			7								
	21	9964	44	44	44	34	18	58	8	50	5	8	6	2			8			35	27	327	066	47	42
	00	9926	45	45	44	33	14	32	8	02	5	8	5	2			7								
	03	9884	46	46	45	32	22	08	8	20	5	8	6	2			7								
	06	9863	45	44	44	32	20	74	7	02	2	1	6	2	7		7	7							
	09	9863	46	45	43	31	10	80	2	01	5	1	6	3	0	2	7								
	12	9854	47	43	39	30	14	84	2	02	0	1	1	4	0	2	7								
	15	9855	45	43	40	30	30	82	4	25	1	4	2	5	0	0	7								
	18	9866	44	42	39	30	30	82	5	80	8	5	9	5	0	0	7								
	21	9886	44	41	38	28	29	82	6	02	1	5	5	5	2	0	7			30	48	342	007	47	44
	00	9908	41	39	36	27	26	80	3	87	8	3	2	5	0	0	6								
	03	9941	40	38	34	26	24	80	4	03	8	4	2	5	0	0	6								
	06	9983	41	38	32	26	22	84	3	01	1	1	5	5	2	0	6	6							
	09	10014	43	39	34	26	24	84	5	15	8	4	4	5	3	0	6	6							
	12	10047	43	40	35	28	25	84	5	25	2	5	2	5	3	0	6	6							
	15	10070	44	40	34	28	20	84	2	02	1	2	2	5	0	0	6								
	18	10086	42	40	37	28	20	84	2	25	8	2	2	5	3	0	6	6							
	21	10120	43	41	36	29	18	84	2	00	0	2	2	5	0	0	6			28	44	657	006	46	39
	00	10138	44	42	39	30	14	84	6	03	1	5	5	5	4		6	6							
	03	10125	44	43	42	31	12	84	7	03	2	2	5	5	7		7	6							
	06	10110	45	44	43	33	20	74	8	02	2	1	6	2	7		7	6							
	09	10085	46	45	44	33	27	32	8	61	6	8	6	2			7								
	12	10056	47	47	46	33	28	48	8	02	6	8	6	2			7								
	15	10036	47	47	47	33	28	48	8	61	6	8	6	2			7								
	18	10007	47	47	47	32	32	32	8	60	6	8	6	1			7								
	21	9983	47	47	47	33	38	16	8	02	5	8	6	2			7			31	51	475	007	49	41
	00	9955	48	48	48	32	38	16	8	02	2	8	6	2			7								
	03	9955	48	48	48	32	34	16	8	60	6	8	6	2			7								
	06	9993	46	45	44	30	20	74	3	01	6	1	5	4	4		7								
	09	10007	46	45	45	30	16	84	1	01	1	1	1	5			6								
	12	10014	47	45	40	31	11	84	1	02	0	1	1	5			7								
	15	10019	47	46	45	31	20	84	3	03	2	3	2	5			7								
	18	10031	45	44	43	31	20	84	1	02	0	1	1	5			7								
	21	10040	45	44	43	31	17	84	0	02	0	0	0	9	0	0				32	51	718	011	47	40

Results of Surface Observations,
MACQUARIE March, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	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	00	10044	45	44	43	31	20	84	5	03	1	5	5	5	4		7								
	03	10037	45	45	44	32	20	84	7	02	2	7	5	5			7								
	06	10012	46	45	44	32	27	80	8	02	2	8	5	2			7								
	09	9989	47	46	46	32	31	80	8	02	2	2	6	2	7		7								
	12	9974	46	46	46	32	30	48	8	64	2	6	6	2	2		7								
	15	9983	45	44	42	28	12	84	4	01	6	1	1	4	7		6	6							
	18	9995	44	42	39	28	13	84	4	03	0	4	1	4	3		6	6							
	21	10007	43	41	38	27	19	84	3	25	8	3	2	4			5			29	44	562	000	48	45
20	00	10014	43	41	38	28	17	82	1	02	0	1	2	5	0	0	5								
	03	10017	43	41	38	30	18	82	3	25	8	1	2	5	0	1	6								
	06	10020	41	40	39	30	15	82	4	80	8	4	8	5	0	0	7								
	09	10022	45	44	40	31	18	82	6	03	1	6	2	5	0	0	7								
	12	10012	46	44	41	31	18	84	7	03	1	1	1	5	3	6	7								
	15	9999	46	44	41	31	20	84	4	01	1	1	1	5	3	2	7								
	18	9977	45	44	43	32	23	80	8	60	6	3	5	5	7	1	7								
	21	9958	44	43	42	31	21	80	7	60	6	2	5	5	7		7			32	39	509	011	44	41
21	00	9969	45	43	42	28	22	84	4	01	1	2	2	5	4	0	6	6							
	03	9993	43	41	38	29	14	84	1	01	1	1	2	5	0	0	6								
	06	10012	43	41	38	30	15	84	2	02	0	2	2	5	4	0	6	6							
	09	10030	44	42	39	30	14	84	2	02	8	2	2	5	0	0	6								
	12	10044	45	42	38	30	13	84	3	02	1	3	8	5	0	0	6								
	15	10049	45	42	38	29	15	84	3	02	1	3	8	5	0	0	6								
	18	10053	44	41	37	30	15	84	1	01	0	1	5	5	0	0	6								
	21	10059	44	42	39	30	20	84	2	02	0	1	5	5	3	0	6			32	35	491	012	47	42
22	00	10042	44	41	38	30	20	80	2	02	0	1	2	5	3	0	6								
	03	10034	44	42	38	30	22	80	5	03	1	1	5	5	4	0	6	7							
	06	10022	45	42	38	31	24	80	7	02	2	1	5	5	7		7	7							
	09	10023	44	43	42	32	25	48	8	61	6	2	6	4	2		6								
	12	10018	45	44	43	31	25	48	8	60	6	2	6	3	1		6								
	15	10018	45	45	45	31	20	32	6	61	6	5	6	2	2		6								
	18	10029	45	45	45	31	10	32	8	50	6	8	6	2			6								
	21	10043	44	44	44	30	02	04	8	45	6	8	6	0						30	36	557	007	45	43
23	00	10037	45	45	44	31	01	06	8	50	5	8	6	0											
	03	10030	44	44	44	30	04	06	8	50	5	8	6	0											
	06	10025	44	44	43	31	07	16	6	03	5	5	6	0	4		7								
	09	10028	43	43	43	31	06	80	7	02	2	7	6	2	7		7								
	12	10011	46	45	44	32	06	84	6	03	1	6	5	6	0	0	7								
	15	9994	45	45	45	32	13	74	7	10	5	7	5	6			7								
	18	9986	45	44	43	32	15	80	7	03	6	1	6	3	7		7								
	21	9984	45	44	43	32	14	80	7	02	2	1	6	4	7		7			31	26	328	018	47	43
24	00	9962	45	45	44	32	18	08	8	50	1	8	6	0			7								
	03	9958	44	44	44	30	12	16	8	60	6	8	6	2			7								
	06	9976	41	41	40	24	12	66	8	50	5	4	6	2	2		5								
	09	9993	43	40	35	25	15	82	7	03	2	2	5	5	3		5								
	12	9998	44	41	37	25	14	84	3	02	1	3	8	5	0	0	5								
	15	10011	43	40	35	27	15	84	9	15	8	4	8	5	0	0	6								
	18	10016	41	38	33	27	14	84	2	02	8	2	2	5	0	0	6								
	21	10017	41	37	29	29	14	84	1	02	0	1	5	5	0	0	6			22	33	321	012	46	4
25	00	10008	42	39	30	30	22	84	3	03	0	3	5	5	0	0	7								
	03	9946	43	40	35	31	28	84	3	02	1	3	5	5	0	0	7								
	06	9891	44	43	42	32	32	66	8	61	5	5	7	3	2		7								
	09	9840	45	45	44	32	36	32	8	61	6	4	7	3	2		7								
	12	9838	45	43	40	29	31	80	4	01	8	4	8	4	0	0	7								
	15	9834	44	41	38	28	35	66	7	15	8	7	8	4			6								
	18	9844	43	40	35	26	40	58	7	80	8	7	8	4			6								
	21	9895	42	38	30	26	32	80	6	80	2	6	2	5			6			27	62	526	018	46	3
26	00	9920	40	36	29	26	28	80	7	03	2	7	5	5			6								
	03	9943	41	35	27	24	28	80	7	02	8	7	8	5			6								
	06	9957	41	36	28	25	18	84	7	02	2	7	5	5			6								
	09	9967	42	37	28	27	15	84	6	02	2	3	8	5	0	1	6								
	12	9964	43	37	26	27	14	84	5	15	2	4	8	5	3	0	6								
	15	9957	40	37	32	00	00	84	7	02	2	7	0	9	7										
	18	9956	39	36	31	00	00	84	7	02	2	1	5	5	7		6								
	21	9959	39	37	33	09	10	74	8	50	5	8	0	9	2					25	41	671	009	43	3
27	00	9957	39	35	32	12	13	80	8	60	6	1	5	4	2										
	03	9963	38	35	31	12	16	84	1	01	5	1	0	9	3										
	06	9989	39	35	28	15	16	84	4	03	1	4	1	4	0	0	3								
	09	10012	41	36	27	14	10	84	6	03	2	6	8	5	0	0	4								
	12	10022	42	37	28	16	05	84	6	02	2	6	5	7	0	0	4								
	15	10028	41	35	23	26	06	84	4	02	1	4	5	7	0	0	6								
	18	10030	40	35	25	27	09	84	2	01	1	2	5	7	0	0	6								
	21	10029	40	36	27	30	12	84	3	02	0	3	5	7	0	0	6			31	25	355	003	45	3

Results of Surface Observations,
MACQUARIE March, 1965

AL ARD E HOUR	STATION LEVEL PRESSURE	TEMPERATURES DRY BULB	TEMPERATURES WET BULB	TEMPERATURES DEW POINT	SURFACE WIND DIRECTION	SURFACE WIND 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
00	10010	41	37	30	31	17	84	6	03	1	6	5	6			7								
03	9978	42	38	32	32	25	84	6	02	2	6	5	6			7								
06	9942	43	40	35	33	25	82	8	03	1	4	5	4	7		7								
09	9905	45	42	38	32	29	82	8	03	2	8	5	5			7								
12	9855	45	43	40	33	31	74	8	60	6	3	5	5	7		7								
15	9804	45	44	43	33	28	32	8	61	6	8	7	5			7								
18	9763	46	45	44	33	28	32	8	61	6	8	7	3			7								
21	9737	46	46	46	31	21	32	8	61	6	8	7	5			7			33	46	313	000	46	40
00	9763	41	41	39	25	26	32	8	21	6	8	7	3			6								
03	9800	42	38	32	25	25	80	3	01	6	3	5	5	0	0	6								
06	9834	40	37	32	26	25	80	6	80	8	6	2	5	0	0	6								
09	9869	35	34	33	27	25	32	8	70	8	8	2	4			6								
12	9889	42	38	31	26	25	80	4	15	8	4	2	5			6								
15	9921	40	36	29	26	30	74	7	27	8	7	8	5			6								
18	9953	40	36	29	25	32	66	7	02	8	7	8	5			6								
21	9980	42	37	29	26	25	80	3	01	1	3	5	4	0	0	6			27	47	647	041	46	35
00	9995	42	40	37	28	20	80	2	25	0	2	2	5	0	0	6								
03	9995	44	42	40	29	21	82	2	02	0	2	2	5	0	0	6								
06	9983	44	43	42	31	22	82	7	03	1	7	5	6			6								
09	9963	46	45	44	31	28	80	7	60	2	3	5	4	7		7								
12	9936	47	45	42	31	30	74	8	02	2	4	6	4	7		7								
15	9906	47	45	43	33	35	48	8	60	2	5	6	3	7		7								
18	9885	46	45	44	33	30	32	8	60	6	5	6	2	7		7								
21	9883	45	45	44	31	20	58	8	02	6	5	6	2	7		7			32	45	663	003	47	39
00	9892	45	43	41	31	23	80	1	02	1	1	6	3	0	0	7								
03	9887	44	43	41	31	20	74	3	02	1	3	6	3	0	0	7								
06	9866	44	43	41	32	22	82	5	03	1	4	5	3	3	2	7								
09	9820	45	44	43	33	30	84	8	03	2	4	6	4	7		7								
12	9777	45	43	40	31	32	80	4	25	8	3	8	5	0	1	7								
15	9769	45	42	39	31	30	82	4	25	8	4	2	5	0	0	7								
18	9761	44	42	39	31	30	58	5	27	8	5	2	5	0	0	7								
21	9758	44	41	38	30	28	80	6	02	2	6	2	5			7			33	53	681	003	46	44

Results of Surface Observations,
MACQUARIE April. 1965

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	00	9762	42	40	37	29	30	82	2	02	8	2	2	5	0	0	7								
	03	9772	42	41	38	30	22	80	6	03	1	4	2	5	7		7								
	06	9781	42	40	38	30	16	82	5	02	8	4	2	5	3		7								
	09	9799	43	40	35	26	14	80	6	15	8	6	2	5	0	0	6								
	12	9824	42	41	40	27	10	80	5	15	8	5	3	5	0	0	6								
	15	9856	41	39	37	30	07	80	7	80	8	7	8	5			6								
	18	9899	38	37	36	17	08	32	8	80	8	8	8	4			4								
	21	9939	37	36	34	00	00	80	1	01	8	1	8	4	0	0	4			30	40	722	014	43	41
02	00	9964	37	36	34	00	00	80	1	02	0	1	2	4	0	0	4								
	03	9978	38	37	35	00	00	80	1	02	1	0	0	9	0	0									
	06	9985	41	39	36	30	10	82	3	02	8	3	9	4	0	0	6								
	09	10001	43	40	35	28	16	84	3	02	8	3	8	4	0	0	6								
	12	10010	43	41	38	30	09	84	3	02	8	3	8	5	0	0	6								
	15	10016	44	40	34	29	08	84	2	02	0	2	8	5	0	0	6								
	18	10019	42	39	34	31	09	84	1	02	0	7	5	5	0	0	6								
	21	10032	42	39	34	31	10	84	1	02	0	1	5	5	0	0	7			32	24	178	012	45	37
03	00	10022	43	41	38	31	14	84	2	02	0	2	5	5	0	0	7								
	03	10077	43	40	35	30	18	84	2	02	0	2	5	5	0	0	7								
	06	10009	44	42	39	32	17	84	6	03	1	4	5	5	3	1	7								
	09	10006	45	43	40	32	23	82	7	03	2	7	5	4			7								
	12	10002	47	45	43	32	27	82	6	15	8	6	8	5	0	0	7								
	15	9997	45	45	44	32	22	74	8	03	2	8	6	5			7								
	18	9991	46	45	44	32	25	58	8	02	2	8	6	5			7			31	42	380	001	48	42
	21	9980	46	45	44	32	28	58	8	50	5	8	6	3											
04	00	9970	46	45	44	32	35	32	8	50	5	8	6	3			7								
	03	9947	47	46	45	32	32	32	8	50	5	8	6	3			7								
	06	9918	47	46	45	33	33	58	8	02	2	6	5	4	2		7								
	09	9890	47	46	45	33	36	32	8	60	2	6	7	4	2		7								
	12	9868	47	47	46	33	35	32	8	60	6	6	7	2	2		7								
	15	9874	44	43	42	31	28	32	8	61	6	5	7	3	2		7								
	18	9898	45	43	40	30	28	80	7	01	6	7	8	4			6			30	51	720	005	48	45
	21	9935	43	40	37	29	28	80	3	01	6	3	5	4	0	0	6								
05	00	9986	41	39	37	29	22	80	2	87	8	2	2	4	0	0	6								
	03	10025	43	40	36	29	28	80	2	87	8	3	2	4	0	0	6								
	06	10051	44	42	40	30	23	84	3	02	1	1	1	5	3	0	6								
	09	10056	45	43	40	32	25	84	5	03	1	4	1	4	3	1	6								
	12	10042	46	44	41	32	28	82	8	03	1	8	4	5			6								
	15	10021	46	45	44	32	35	48	8	60	6	5	6	3	2		6								
	18	10007	46	45	44	32	35	32	8	50	6	5	6	2	2		6			31	49	723	021	46	40
	21	10014	47	47	47	29	25	32	8	62	6	8	6	2			6								
06	00	10032	44	42	38	29	22	80	4	01	6	4	5	4	0	0	6								
	03	10050	44	41	37	29	24	80	5	02	1	5	5	5			6								
	06	10069	42	40	35	28	21	84	5	16	2	2	2	5	3	0	6								
	09	10094	43	40	35	28	22	84	3	27	1	3	2	5	0	0	6								
	12	10101	44	40	34	29	20	87	3	02	0	3	2	5	0	0	6								
	15	10097	41	39	37	28	16	84	5	27	1	4	9	5	3	0	6								
	18	10098	44	43	41	27	15	82	6	27	8	4	9	5			6			26	38	677	011	45	41
	21	10115	39	38	36	27	14	84	1	27	8	1	2	5	0	0	6								
07	00	10127	39	37	36	28	12	84	2	27	0	2	2	5	0	0	6								
	03	10121	42	40	37	28	19	80	6	03	1	6	5	4			6								
	06	10108	43	41	38	30	29	80	6	02	2	5	5	4	3		6								
	09	10092	43	42	41	30	37	48	8	60	6	6	5	2	2		6								
	12	10086	45	44	43	28	32	66	8	02	6	6	6	3	2		6								
	15	10102	45	44	43	28	26	66	8	02	2	5	6	3	2		6								
	18	10122	44	44	44	28	22	48	8	02	2	6	6	3	2		6			26	50	478	014	45	3[illegible]
	21	10134	45	44	43	28	25	66	8	02	2	8	8	5			6								
08	00	10160	45	44	43	28	20	84	7	02	2	7	5	4			6								
	03	10170	45	43	41	29	24	84	7	02	2	7	5	5			6								
	06	10187	45	44	43	29	20	66	8	02	2	8	6	2			6								
	09	10197	44	44	42	28	25	66	7	20	2	7	6	3			6								
	12	10197	45	43	44	29	26	74	7	02	2	7	6	3			6								
	15	10193	44	44	43	29	22	58	8	02	2	8	6	3			6								
	18	10183	44	43	42	30	30	66	8	02	5	8	6	3			6			29	44	588	000	46	4[illegible]
	21	10180	44	44	43	30	28	66	8	02	2	8	6	2			6								
09	00	10166	45	44	42	30	28	80	8	02	2	8	5	4			6								
	03	10157	46	45	43	30	28	80	8	02	2	8	5	4			6								
	06	10151	46	45	43	30	32	80	7	02	2	7	5	4			6								
	09	10152	46	45	44	31	28	74	8	02	2	8	6	3			7								
	12	10145	46	45	44	31	30	74	8	02	2	8	6	3			7								
	15	10147	46	45	44	30	24	48	8	50	2	8	6	2			6								
	18	10169	44	43	42	27	10	66	8	02	5	8	5	3			6			31	42	660	000	47	4[illegible]
	21	10178	43	41	38	26	09	80	8	50	5	8	5	3			6								

Results of Surface Observations,
MACQUARIE April, 1965

LOCAL STANDARD TIME HOUR	STATION LEVEL PRESSURE mb × 10⁻¹	TEMPERATURES DRY BULB °F	WET BULB °F	DEW POINT °F	SURFACE WIND DIRECTION °×10	SPEED kt	VISIBILITY VV	CLOUD AMOUNT Oktas	PRESENT WEATHER ww	PAST WEATHER W	LOW CLOUD AMOUNT Oktas	TYPE C_L	BASE h	MIDDLE CLOUD C_M	HIGH CLOUD C_H	DIRECTION OF CLOUD MOVEMENT LOW D_L	MIDDLE D_M	HIGH D_H	MAXIMUM WIND GUST DIRECTION °×10	SPEED kt	ANEMOMETER WIND RUN St.miles	PRECIPITATION Points	EXTREME TEMPERATURES MAXIMUM °F	MINIMUM °F
00	10170	43	42	41	31	05	58	8	50	5	8	5	3			7								
03	10166	41	40	39	00	00	58	8	51	5	8	5	3			6								
06	10166	40	39	38	00	00	80	7	02	6	2	5	3	7		6								
09	10178	41	39	36	25	10	82	6	01	2	4	5	4	3		6								
12	10173	42	39	35	28	18	84	7	02	2	7	5	4			6								
15	10167	41	39	36	28	22	84	4	01	1	3	5	4	3		6								
18	10171	42	40	38	28	22	84	7	02	1	7	5	4			6								
21	10173	43	42	41	28	25	80	8	03	2	8	5	5			6			28	36	892	012	45	40
00	10161	44	43	42	28	26	74	8	02	2	8	6	2			6								
03	10159	43	42	41	28	27	74	8	02	2	8	6	3			6								
06	10157	44	43	42	29	28	74	7	02	2	7	5	5			6								
09	10157	45	43	41	28	32	80	8	02	2	6	5	5	2		6								
12	10145	45	43	41	29	32	80	8	02	2	6	5	5	2		6								
15	10132	44	43	42	29	30	80	8	02	2	8	5	5			6								
18	10131	45	43	42	29	29	80	7	02	2	7	5	5			6								
21	10137	45	44	43	28	26	80	8	02	2	8	5	5			6			28	49	557	000	45	44
00	10146	43	43	43	27	23	74	8	50	5	8	5	5			6								
03	10157	42	40	37	26	19	80	3	01	2	3	5	5			6								
06	10164	42	39	36	26	16	80	3	02	1	3	5	5			6								
09	10157	43	41	40	29	17	80	8	02	1	8	8	4			6								
12	10116	45	45	44	30	17	48	7	50	5	7	6	2			6								
15	10105	46	45	44	28	32	56	8	02	5	8	6	2			6								
18	10106	45	44	43	27	20	56	8	02	2	8	6	2			6								
21	10098	44	44	44	29	25	66	8	50	5	8	6	3			6			29	45	576	001	46	41
00	10080	44	44	44	28	27	58	8	50	5	8	6	2			6								
03	10069	44	44	44	28	22	58	8	50	5	8	6	2			6								
06	10047	44	44	44	29	27	48	8	61	6	3	6	3	2		6								
09	10032	45	44	44	29	29	48	8	61	6	3	6	2	2		6								
12	10014	45	45	44	29	29	32	8	50	6	5	6	2	2		6								
15	10051	42	41	40	24	18	56	6	01	5	6	5	3			6								
18	10121	39	38	37	24	20	66	6	02	2	6	5	3			4								
21	10161	38	37	36	15	08	80	7	03	8	7	2	5			4			27	44	583	021	45	44
00	10187	38	36	33	09	03	84	3	01	1	3	5	5			4								
03	10198	37	36	35	32	04	84	3	02	0	3	5	5			4								
06	10204	39	37	34	33	08	84	7	02	2	7	5	5			8								
09	10211	41	39	36	34	14	84	7	02	2	7	5	5			7								
12	10205	42	41	39	33	16	84	8	02	2	8	5	5			7								
15	10200	42	42	41	33	13	84	7	02	2	7	6	4			7								
18	10203	42	42	42	32	13	80	8	02	2	8	6	4			7								
21	10207	43	43	43	32	11	58	8	11	2	8	6	3			7			30	22	349	012	44	37
00	10205	43	43	43	33	10	56	8	20	5	8	6	3			7								
03	10196	43	43	43	34	12	05	8	45	5	8	6	2			7								
06	10200	43	43	43	32	10	74	8	41	4	8	6	2			7								
09	10208	44	44	44	34	12	80	8	02	2	8	5	2			7								
12	10197	44	44	44	34	13	80	8	02	2	8	5	2			7								
15	10193	45	45	44	36	10	80	6	02	2	8	5	2			7								
18	10176	44	44	44	36	12	32	8	25	2	8	6	2			8								
21	10177	43	43	43	35	13	48	8	02	5	8	6	2			8			36	27	272	004	46	42
00	10159	42	42	42	34	15	80	7	40	2	7	5	3			8								
03	10132	42	42	42	34	05	80	7	02	2	7	5	5			8								
06	10115	44	43	42	36	09	82	8	02	2	8	5	5			8								
09	10088	46	44	42	35	14	80	8	02	2	5	5	5	2		8								
12	10051	45	45	45	00	00	80	8	02	2	8	6	2											
15	10013	46	46	45	00	00	16	8	50	2	8	6	1											
18	10000	46	46	46	00	00	16	8	50	5	8	6	1											
21	9945	46	46	46			08	8	50	5	8	6	0						10	31	255	001	48	42
00	9895	48	48	48			48	8	50	5	8	6	0											
03	9898	44	43	43	31	15	80	7	81	6	7	5	6			7								
06	9920	45	45	44	32	18	58	7	03	2	7	6	2			7								
09	9934	46	45	45	34	20	48	6	05	2	6	5	2	3		7								
12	9925	47	46	45	34	23	58	8	05	2	8	5	2			1								
15	9905	47	47	45	34	25	58	8	05	2	8	5	2			7								
18	9895	48	47	46	35	25	48	8	02	2	8	8	2			7								
21	9889	46	46	46	33	22	56	8	50	5	8	6	2			7			35	50	277	015	49	44
00	9867	46	46	45	32	26	32	8	60	6	8	6	2			7								
03	9862	46	45	44	33	26	74	8	02	6	2	6	3			7								
06	9876	45	44	43	32	28	82	2	01	1	1	2	4	3		7								
09	9902	46	45	44	32	32	82	2	03	1	2	5	5	0	0	6								
12	9919	46	45	44	33	26	82	4	02	2	2	5	4	0	1	6								
15	9937	46	45	44	33	22	82	1	02	1	1	6	3	0	0	6								
18	9950	44	44	44	33	16	82	1	02	1	1	6	3	0	0	6								
21	9964	45	44	43	33	22	84	3	03	0	0	0	9	3	0	7			33	41	593	014	47	45

Results of Surface Observations,
MACQUARIE April, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		AMEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	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	00	9979	44	44	44	31	18	82	7	03	1	2	6	3			6								
	03	10022	42	41	41	28	18	80	8	25	2	2	6	3			6								
	06	10080	39	36	31	27	22	82	7	02	8	7	8	4			6								
	09	10142	40	34	22	27	24	84	7	02	8	7	5	5			6								
	12	10168	41	38	33	27	25	82	7	02	8	7	6	5			6								
	15	10191	42	39	34	27	27	84	3	02	1	3	2	5	0	0	6								
	18	10205	42	40	37	28	29	82	7	03	2	5	5	5	3		6			27	53	519	003	45	36
	21	10220	43	41	39	26	32	80	7	50	2	7	5	5			6								
20	00	10237	42	40	38	26	34	80	7	50	5	7	5	5			6								
	03	10249	41	40	39	27	30	80	7	02	2	7	5	5			6								
	06	10256	40	39	38	26	28	80	7	02	2	4	6	3			6								
	09	10259	45	45	45	26	27	80	7	02	2	7	6	3			6								
	12	10251	42	41	40	27	25	82	7	02	2	6	6	3	0	1	6								
	15	10241	42	41	40	27	21	82	7	02	2	7	6	3			6								
	18	10232	42	41	40	27	25	80	8	02	2	8	6	3			6			27	44	671	000	45	40
	21	10207	41	41	41	28	20	16	8	10	2	8	6	0			6								
21	00	10178	42	42	42	28	28	66	8	02	2	8	6	2			5								
	03	10157	42	42	42	27	26	66	8	02	2	8	6	2			6								
	06	10137	42	41	40	27	26	74	8	02	2	8	6	3			6								
	09	10130	42	41	40	26	26	66	7	50	2	7	6	3			6								
	12	10117	42	38	31	27	30	80	7	02	2	7	5	5			6								
	15	10100	40	37	32	27	30	82	7	02	2	7	5	5			6								
	18	10088	40	37	30	26	28	80	7	02	2	7	5	5			6			27	50	567	000	43	4
	21	10069	39	37	31	27	32	80	7	02	2	7	5	5			6								
22	00	10039	39	37	32	26	32	80	7	02	2	7	5	5			6								
	03	10020	39	36	30	26	30	80	7	02	2	7	5	5			6								
	06	10005	37	35	31	27	28	80	7	27	8	7	2	4			6								
	09	10003	37	34	29	26	28	80	7	27	8	7	2	5			5								
	12	10008	37	32	22	23	20	80	7	70	7	8	2	4			5								
	15	10021	32	32	32	23	12	32	8	70	7	6	2	4	0	0	5			27	56	685	000	38	3
	18	10033	32	31	30	23	15	58	6	26	7	3	2	4	0	0	5								
	21	10044	33	29	22	22	12	80	3	26	7	7	2	4			5								
23	00	10058	33	30	24	18	18	74	7	20	7	7	2	4			5								
	03	10059	34	31	24	22	10	74	7	70	7	7	2	5			5								
	06	10058	36	32	25	26	16	80	7	70	7	7	2	5			5								
	09	10040	37	33	25	27	22	84	8	02	2	8	2	5			6								
	12	9998	39	37	33	27	26	82	8	02	2	8	2	5			6								
	15	9946	40	39	38	27	20	58	8	60	6	5	6	3	2		6								
	18	9939	38	36	33	22	18	80	7	25	6	7	2	5			5			27	52	352	003	40	3
	21	9970	35	33	30	17	20	80	6	70	6	6	2	5			5								
24	00	10002	36	32	24	17	22	80	7	62	2	7	5	5			4								
	03	10014	36	32	24	23	10	80	7	02	2	7	5	5			5								
	06	10022	38	35	30	24	15	80	6	02	5	6	5	5			5								
	09	9987	40	37	32	27	30	80	6	02	8	6	8	5	0	0	6								
	12	9947	42	39	36	26	32	80	7	02	7	7	8	5			6								
	15	9916	42	41	40	27	34	80	8	25	8	8	8	4			6								
	18	9907	39	37	34	26	28	74	7	25	8	7	8	5			6			27	54	488	018	42	3
	21	9888	37	36	34	27	28	74	8	80	8	8	8	5			6								
25	00	9857	34	35	33	26	20	74	8	83	6	8	8	5			6								
	03	9848	37	35	31	25	20	80	3	01	8	3	5	5	0	0	6								
	06	9829	38	35	30	27	20	80	6	03	1	5	5	5	3	0	6								
	09	9781	39	37	33	29	20	82	6	02	2	6	8	4	0	0	6								
	12	9732	39	36	32	27	28	84	6	26	8	6	8	4	0		6								
	15	9682	36	34	30	26	32	66	7	85	8	7	2	4			6								
	18	9860	32	31	29	26	24	80	3	26	8	3	2	4	0	0	6			26	57	612	019	40	
	21	9635	29	29	28	24	12	80	3	26	8	3	2	5	0	0	6								
26	00	9642	31	29	25	24	15	80	2	02	8	2	2	5	0	0	6								
	03	9673	33	33	32	24	24	66	5	85	1	5	2	5	0	0	6								
	06	9747	35	31	25	24	26	80	5	85	8	5	2	5	0	0	6								
	09	9801	35	32	26	18	35	80	6	26	8	6	2	4	0	0	6								
	12	9845	37	34	29	18	25	82	6	02	8	6	2	5	0	0	6								
	15	9881	35	32	25	17	20	82	5	27	2	5	2	4	0	0	6								
	18	9903	35	31	25	19	12	82	2	02	1	2	2	4	0	0	5			18	56	538	017	37	
	21	9914	35	31	23	18	14	84	2	02	1	2	2	5	0	0	5								
27	00	9917	34	31	26	19	08	84	4	85	8	4	2	5	0	0	4								
	03	9914	33	30	26	18	06	84	5	03	3	5	5	5	0	0	4								
	06	9916	34	32	28	18	08	84	6	02	8	6	8	4	3	0	5								
	09	9926	32	30	26	22	10	80	7	85	2	7	8	5			5								
	12	9929	35	32	26	24	06	80	5	01	8	4	2	5	0	2	5								
	15	9937	34	33	30	22	10	82	4	26	8	4	2	5	0	0	5								
	18	9942	34	31	26	18	08	82	4	02	0	4	2	5	0	0	5			17	26	310	000	43	
	21	9934	33	31	28	24	04	80	4	25	8	4	2	5	0	0	5								

Results of Surface Observations,
MACQUARIE April, 1965

LOCAL STANDARD TIME HOUR	STATION LEVEL PRESSURE mb × 10⁻¹	TEMPERATURES DRY BULB °F	WET BULB °F	DEW POINT °F	SURFACE WIND DIRECTION ° × 10	SPEED kt	VISIBILITY VV	CLOUD AMOUNT Oktas	PRESENT WEATHER ww	PAST WEATHER W	LOW CLOUD AMOUNT Oktas	TYPE C_L	BASE h	MIDDLE CLOUD C_M	HIGH CLOUD C_H	DIRECTION OF CLOUD MOVEMENT LOW D_L	MIDDLE D_M	HIGH D_H	MAXIMUM WIND GUST DIRECTION ° × 10	SPEED kt	ANEMOMETER WIND RUN St.miles	PRECIPITATION Points	EXTREME TEMPERATURES MAXIMUM °F	MINIMUM °F
00	9908	35	35	34	33	11	66	8	50	7	3	6	4	2		7								
03	9842	39	39	38	30	18	66	8	61	6	5	6	4	2		6								
06	9744	42	42	41	27	28	66	8	63	6	5	6	4	2		6								
09	9705	38	37	35	26	42	58	8	62	6	5	6	4	2		6								
12	9706	37	37	35	26	40	58	7	83	8	4	2	4	7		6								
15	9693	37	36	35	27	40	63	8	83	8	4	2	4	2		5								
18	9788	35	35	34	15	26	58	8	26	8	8	2	4			4								
21	9848	34	32	28	18	19	80	6	03	1	6	2	5			4			26	74	301	046	41	33
00	9867	34	31	24	16	14	80	5	02	2	5	2	5	0	0	4								
03	9870	33	31	28	22	10	66	4	71	7	4	2	5	0	0	5								
06	9857	32	31	30	23	10	84	4	85	5	4	2	5	0	0	5								
09	9843	32	30	26	27	10	80	7	22	7	2	6	4	7		5								
12	9843	33	31	28	18	12	58	7	85	8	6	2	4	3		8								
15	9856	32	31	28	22	16	80	7	26	8	7	2	4			5								
18	9870	33	32	28	24	18	66	7	85	8	7	2	4			5								
21	9894	32	30	27	21	16	80	4	26	8	4	2	5	0	0	5			27	54	519	021	35	31
00	9878	34	29	19	26	24	58	7	85	8	7	2	5			6								
03	9860	31	29	24	26	30	58	7	85	8	7	2	5			6								
06	9875	34	31	28	26	30	58	8	01	3	5	8	4			6								
09	9873	32	30	26	26	28	48	6	86	8	6	2	4			6								
12	9872	31	31	30	27	30	66	6	85	8	5	2	4	0	1	5								
15	9876	31	30	28	20	22	48	8	86	8	8	2	4			5								
18	9879	35	30	21	22	22	58	8	26	8	8	2	4			6								
21	9881	33	31	27	24	22	74	6	02	8	6	2	5			5			26	67	426	007	36	29

Results of Surface Observations,
MACQUARIE May 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATU
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F
01	00	9879	32	31	29	20	19	66	3	26	8	3	2	5			5							
	03	9884	31	30	28	20	18	66	4	26	8	4	2	5			5							
	06	9892	34	32	28	17	18	74	6	02	8	4	2	4	3		4							
	09	9914	35	33	29	17	20	56	6	03	8	7	2	4			5							
	12	9927	36	33	27	18	15	74	7	26	8	7	2	4			5							
	15	9944	36	33	27	17	18	74	7	26	2	7	2	4			5							
	18	9968	36	34	29	18	15	80	3	01	8	3	2	4			5							
	21	9988	36	35	32	20	19	80	7	80	8	7	2	5			5			26	43	486	008	37
02	00	10020	36	33	29	18	18	74	8	25	8	8	8	5			4							
	03	10042	36	35	32	17	18	80	6	01	8	6	2	5			4							
	06	10066	36	35	33	17	15	80	3	01	8	3	2	5			4							
	09	10096	37	35	32	18	12	80	7	03	2	7	5	5			4							
	12	10110	37	36	32	16	14	80	7	02	2	7	5	5			4							
	15	10122	37	35	32	14	10	80	7	02	2	7	5	4			4							
	18	10141	36	35	32	14	04	80	7	02	2	7	5	4			4							
	21	10150	36	35	33	28	07	80	4	02	1	4	5	5			5			20	37	322	005	43
03	00	10166	37	36	34	29	16	80	8	03	2	8	5	5			6							
	03	10157	40	39	38	32	20	80	8	02	2	8	5	5			7							
	06	10147	41	41	39	32	21	74	8	03	2	8	6	3			7							
	09	10144	43	43	42	31	18	32	8	50	5	6	6	0	2		7							
	12	10130	43	42	42	30	12	04	8	46	5	8	6	0										
	15	10113	42	42	42	30	20	06	8	50	5	8	6	0										
	18	10102	44	43	43	30	22	06	8	50	5	8	6	0										
	21	10100	43	43	43	27	15	16	8	50	5	8	6	2			6			20	29	314	001	44
04	00	10085	43	42	41	29	12	16	8	10	5	8	6	2			6							
	03	10096	43	42	41	27	30	16	8	10	5	8	6	2			6							
	06	10137	42	42	41	27	23	74	7	01	2	7	5	5			6							
	09	10158	42	41	41	26	18	80	8	02	2	8	5	2			6							
	12	10158	40	40	39	27	14	56	8	51	5	2	6	2	2		6							
	15	10150	39	39	39	27	15	58	8	02	5	8	5	2			6							
	18	10126	39	39	38	27	10	32	8	50	5	8	6	2			6							
	21	10083	40	40	40	35	15	66	8	60	5	2	6	3	2		8			26	46	389	006	44
05	00	10028	42	42	42	35	12	08	8	47	6	8	6	0										
	03	9966	43	43	43	33	20	16	8	61	6	4	6	3	2		8							
	06	9945	42	42	42	30	17	74	7	03	6	7	8	5			7							
	09	9929	43	42	42	32	15	80	7	02	2	5	6	1	7		7							
	12	9899	43	42	41	32	18	80	7	02	2	7	5	4	7		7							
	15	9871	42	42	41	32	12	80	7	02	8	3	6	2	7		7							
	18	9851	42	41	41	30	12	80	7	50	6	4	6	2	7		7							
	21	9845	41	41	41	27	18	80	5	02	8	5	2	5			6			32	31	347	015	43
06	00	9874	41	40	39	23	14	74	6	02	8	6	2	5			5							
	03	9907	40	39	38	18	15	74	5	25	8	5	2	5			4							
	06	9968	38	37	34	18	20	74	7	25	8	7	8	5			4							
	09	10037	37	35	32	18	20	80	8	02	8	8	5	5			4							
	12	10077	37	35	32	19	12	80	7	02	8	7	8	5			4							
	15	10105	36	34	32	23	17	58	7	85	2	7	8	5			5							
	18	10136	36	35	33	24	08	80	6	02	2	6	8	5			5							
	21	10154	37	35	32	25	20	80	4	02	1	4	2	5			5			27	40	363	014	43
07	00	10157	39	37	34	26	30	80	5	02	1	5	8	5	0	0	6							
	03	10156	39	39	38	27	28	58	8	51	5	8	6	3			6							
	06	10173	41	41	41	27	28	48	8	51	5	8	6	3			6							
	09	10196	42	42	42	27	25	56	8	02	6	4	6	2	2		6							
	12	10209	43	42	41	27	27	66	8	02	2	4	6	2	2		6							
	15	10226	42	42	41	27	27	80	7	01	2	5	7	2	2		6							
	18	10239	42	42	41	26	34	56	7	50	2	7	6	2			6			27	56	481	005	43
	21	10249	40	40	40	27	30	32	8	50	5	8	6	2			6							
08	00	10259	39	38	37	27	28	58	8	02	5	8	6	2			6							
	03	10275	40	39	37	26	20	74	5	01	2	5	6	4			6							
	06	10279	39	38	37	27	26	74	7	50	5	7	6	4			6							
	09	10284	39	38	38	27	38	32	6	50	5	6	5	4			6							
	12	10275	41	40	39	27	24	58	6	25	2	6	8	4			6							
	15	10265	42	42	41	27	25	16	8	51	5	4	6	1	2		6							
	18	10251	42	41	40	27	30	56	8	50	5	4	6	1	2		6							
	21	10228	42	42	42	27	24	48	8	50	5	8	6	1			6			26	53	635	002	42
09	00	10205	41	40	37	27	30	80	2	01	5	2	6	4			6							
	03	10188	41	40	39	27	26	74	8	20	5	8	6	4			6							
	06	10173	41	40	39	27	28	66	8	60	5	8	6	4			6							
	09	10159	42	40	37	27	28	74	7	02	6	2	6	4	7		6							
	12	10145	42	41	40	27	26	74	8	02	2	8	5	4			6							
	15	10130	42	41	40	27	25	80	7	02	2	1	6	3	7		6							
	18	10117	42	42	40	27	30	80	7	02	2	3	6	3	7		6							
	21	10113	42	41	40	27	25	74	8	02	2	8	6	2			6			27	49	642	006	43

Results of Surface Observations,
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LOCAL STANDARD TIME HOUR	STATION LEVEL PRESSURE mb × 10⁻¹	TEMPERATURES DRY BULB °F	TEMPERATURES WET BULB °F	TEMPERATURES DEW POINT °F	SURFACE WIND DIRECTION °×10	SURFACE WIND SPEED kt	VISIBILITY VV	CLOUD AMOUNT Oktas	PRESENT WEATHER ww	PAST WEATHER W	LOW CLOUD AMOUNT Oktas	LOW CLOUD TYPE C_L	LOW CLOUD BASE h	MIDDLE CLOUD C_M	HIGH CLOUD C_H	DIRECTION OF CLOUD MOVEMENT LOW D_L	DIRECTION OF CLOUD MOVEMENT MIDDLE D_M	DIRECTION OF CLOUD MOVEMENT HIGH D_H	MAXIMUM WIND GUST DIRECTION °×10	MAXIMUM WIND GUST SPEED kt	ANEMOMETER WIND RUN St.miles	PRECIPITATION Points	EXTREME TEMPERATURES MAXIMUM °F	EXTREME TEMPERATURES MINIMUM °F
00	10097	42	41	40	27	25	74	8	02	2	8	6	2			6								
03	10096	43	42	42	28	12	66	8	60	2	8	6	2			6								
06	10089	43	42	42	27	22	66	8	20	6	8	6	2			6								
09	10096	43	43	42	26	20	08	8	45	4	8	6	0			6								
12	10093	43	43	42	26	20	32	8	10	4	8	6	3			6								
15	10091	42	42	42	26	20	08	8	47	4	8	6	0											
18	10096	42	42	42	29	13	04	8	45	4	8	6	0											
21	10105	42	42	42	29	16	48	8	20	5	8	6	1			6			27	33	567	001	43	42
00	10104	41	41	40	27	20	58	8	50	5	8	6	2			6								
03	10107	39	39	39	29	15	08	8	47	5	8	6	0			6								
06	10096	42	42	41	29	15	74	8	02	1	8	6	3			6								
09	10087	43	43	42	30	24	48	8	50	2	8	6	2			6								
12	10081	43	43	43	28	19	66	8	02	5	8	6	4			6								
15	10087	43	43	43	28	15	74	8	02	2	8	6	3			6								
18	10096	43	42	41	28	15	58	8	10	2	8	6	3			6								
21	10106	42	42	42	29	17	04	8	45	4	8	6	0			6			31	32	390	000	44	39
00	10102	43	42	42	29	18	04	8	45	4	8	6	0			6								
03	10094	43	43	42	30	20	16	8	50	5	8	6	0			6								
06	10094	42	42	42	32	18	74	8	02	5	8	6	3			7								
09	10097	42	42	42	31	19	80	7	02	2	7	5	5			7								
12	10070	43	42	41	32	17	82	7	02	2	7	5	5			7								
15	10046	43	43	43	33	20	16	8	10	5	8	6	2			7								
18	10037	42	42	42	32	19	16	8	10	2	8	6	2			7								
21	10023	41	41	41	33	14	06	8	45	4	8	6	0			7			31	31	425	001	44	42
00	9997	42	42	42	34	12	06	8	45	4	8	6	0			7								
03	9966	43	43	43	35	18	08	8	45	5	8	6	0			8								
06	9936	43	43	43	36	18	08	8	50	5	8	6	0			8								
09	9922	42	42	42	34	10	08	8	61	6	8	6	2			8								
12	9905	43	43	43	29	09	08	8	45	6	8	6	0			8								
15	9921	41	41	41	26	15	58	7	10	6	3	6	2	7		6								
18	9939	42	42	42	29	17	32	8	10	2	8	6	2			6								
21	9965	41	41	41	26	12	32	7	10	5	7	6	0			6			27	33	348	015	43	41
00	9998	38	38	38	24	10	32	7	50	5	7	6	3			5								
03	10019	36	35	32	22	08	64	2	01	5	2	5	4	0	0	5								
06	10037	36	34	28	22	10	84	1	02	2	1	5	4	0	0	5								
09	10056	38	35	30	27	10	84	7	03	1	0	0	9	0	6			4						
12	10064	40	37	32	30	15	84	7	02	2	1	0	9	4	6		4	4						
15	10069	41	39	36	31	15	84	8	03	2	2	0	9	4	6		4	4						
18	10074	41	41	40	32	20	82	7	60	6	1	5	4	7		7								
21	10080	43	43	42	32	24	80	8	60	6	3	6	4	7		7			32	30	247	046	44	36
00	10081	43	43	42	32	22	74	8	02	2	5	6	4	7		7								
03	10087	43	43	42	32	20	66	8	02	2	8	6	4			7								
06	10094	43	43	42	32	20	66	8	02	6	8	6	2			7								
09	10103	44	43	42	32	20	74	8	05	2	8	5	4			7								
12	10101	44	43	42	32	25	74	7	02	2	2	6	2	3		7								
15	10101	43	43	43	32	24	80	7	02	2	2	6	2	7		7								
18	10095	43	43	42	33	25	74	7	02	2	7	5	5			7								
21	10086	43	43	42	33	24	80	4	01	2	1	6	4	3	8	7			33	37	465	001	44	41
00	10062	43	43	43	33	27	74	8	60	6	8	6	3			7								
03	10050	44	44	44	33	28	58	8	60	6	8	6	2			7								
06	10034	43	43	43	34	26	58	8	60	6	8	6	2			7								
09	10015	43	43	42	35	18	58	8	02	6	5	6	2	2		8								
12	9966	43	43	43	35	26	56	8	61	6	5	6	2	2		8								
15	9916	44	43	43	35	22	48	8	61	6	5	6	2	2		8								
18	9853	44	44	44	34	22	48	8	63	6	5	6	2	2		8								
21	9802	43	43	43	34	16	56	8	61	6	6	6	2	2		8			35	50	581	003	45	42
00	9796	43	43	43	32	16	09	8	47	6	8	6	0			7								
03	9820	39	39	37	28	28	74	7	02	4	7	8	4			6								
06	9838	40	37	33	29	20	74	6	02	2	3	2	5	4		6								
09	9842	40	37	32	32	15	84	5	02	2	2	5	4	4		6								
12	9828	42	40	34	35	16	84	6	02	2	3	5	5	4	1	7								
15	9795	42	40	37	35	25	74	8	60	1	5	6	4	7		7								
18	9796	39	38	37	33	18	74	5	01	6	5	5	5	0	0	7								
21	9807	41	39	36	30	24	74	6	02	8	6	8	4			7			32	44	511	051	44	39
00	9814	41	39	34	32	25	80	5	01	8	2	2	5	4	0	7								
03	9790	41	40	39	33	24	56	8	63	6	5	6	4	2		7								
06	9769	44	43	42	32	30	66	7	60	6	7	7	4			7								
09	9767	43	42	41	33	23	63	8	02	2	8	6	3			7								
12	9728	43	43	42	33	23	58	8	25	8	8	6	3			7								
15	9691	40	38	35	30	20	66	7	80	8	7	6	3			7								
18	9670	41	39	37	30	34	63	8	80	8	8	6	3			7								
21	9720	39	38	36	26	32	56	8	80	8	8	6	4			6			26	56	543	019	45	36

Results of Surface Observations,
MACQUARIE May 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	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	00	9776	39	37	35	27	32	74	7	02	8	7	8	4			6								
	03	9821	36	35	33	28	28	74	7	83	8	7	8	4			6								
	06	9843	38	35	28	29	24	74	1	01	2	1	7	4	0	0	6								
	09	9863	36	35	33	28	22	84	5	23	7	5	2	4	0	0	6								
	12	9866	36	35	33	28	26	66	7	85	8	7	2	4			6								
	15	9871	39	36	31	29	20	84	5	16	8	3	2	4	0	0	6								
	18	9871	39	36	31	30	15	84	2	02	0	2	2	4	0	0	6								
	21	9861	39	36	31	32	18	80	1	02	0	1	7	4	0	0	7			26	54	642	023	45	34
20	00	9840	40	36	29	23	18	80	2	02	0	2	8	4	0	0	7								
	03	9812	40	38	35	34	20	80	7	03	1	3	8	4	4		7								
	06	9783	39	38	37	32	22	56	8	63	2	3	6	4	2		7								
	09	9767	38	38	38	33	15	74	8	80	6	7	2	3	7		7								
	12	9750	40	38	35	29	20	82	7	16	8	5	2	4	4		6								
	15	9760	38	37	35	26	24	82	7	16	2	4	2	4	0	2	6								
	18	9765	37	36	34	30	04	84	1	01	1	1	2	4	0	0	6								
	21	9754	38	36	33	36	04	80	1	02	0	1	2	4	0	0	7			34	34	458	026	41	36
21	00	9715	40	38	35	08	12	74	7	03	8	7	5	5			2								
	03	9668	39	37	35	08	32	58	8	63	6	4	6	4	2		2								
	06	9630	38	37	34	09	15	74	8	02	6	5	5	4	2		2								
	09	9597	36	35	34	11	17	66	8	68	7	8	6	2			2								
	12	9556	36	36	35	17	09	66	8	61	7	8	5	3			4								
	15	9536	37	36	34	28	15	82	7	80	6	7	8	4			6								
	18	9526	38	38	37	28	30	66	7	25	8	7	5	4			6								
	21	9561	37	37	36	26	30	58	8	61	6	2	6	3	2		6			27	50	336	032	38	35
22	00	9590	37	35	33	27	33	80	5	01	6	5	8	5			6								
	03	9624	38	36	33	28	32	80	6	25	8	6	8	5			6								
	06	9657	37	34	29	28	37	80	6	02	8	6	8	5			6								
	09	9681	36	33	27	28	38	82	5	26	2	5	2	4			6								
	12	9683	37	32	24	29	28	84	3	15	2	3	2	4			6								
	15	9673	36	32	24	28	17	84	4	02	0	4	8	4	4		6								
	18	9657	35	31	2.	26	14	80	7	03	1	7	5	5			6								
	21	9651	31	30	28	22	14	58	8	71	8	8	2	5			5			27	57	644	033	38	33
23	00	9669	34	33	31	28	32	80	5	02	8	5	8	5			6								
	03	9694	35	33	29	29	32	84	3	02	8	3	8	5			6								
	06	9710	37	34	29	30	25	84	2	02	1	2	5	4			6								
	09	9733	37	34	27	29	27	84	4	15	1	3	2	4	4		6								
	12	9749	35	34	32	29	24	58	7	85	8	7	9	4	4		6								
	15	9776	33	33	32	26	17	66	7	87	8	7	9	4	4		6								
	18	9799	33	31	28	22	12	80	5	02	8	2	2	4	4		6								
	21	9824	34	33	31	26	12	84	3	02	8	3	8	5			5			30	46	569	010	37	31
24	00	9844	34	33	30	25	15	84	4	02	8	4	8	5			5								
	03	9853	34	33	30	27	10	84	3	02	1	3	8	5			5								
	06	9847	33	31	28	33	10	84	1	01	8	1	5	4			6								
	09	9820	32	32	30	27	12	16	7	85	8	7	2	4			6								
	12	9806	33	31	28	30	20	58	7	18	8	7	8	4			6								
	15	9790	34	31	24	26	24	66	7	85	8	7	8	4			6								
	18	9815	31	30	29	26	24	66	5	87	8	5	8	4			6								
	21	9803	31	31	29	27	24	66	7	85	8	7	8	4			6			27	63	333	004	35	31
25	00	9812	32	31	29	27	38	66	5	86	8	5	8	4			6								
	03	9875	32	30	27	23	18	80	4	02	8	4	8	4			5								
	06	9917	31	30	28	23	18	84	3	02	1	3	8	4			5								
	09	9966	33	31	27	26	14	80	4	16	1	4	9	5			5								
	12	9983	32	31	28	18	06	80	5	16	1	5	8	4			4								
	15	10006	33	31	26	22	08	80	3	02	1	3	8	4			5								
	18	10024	33	31	27	22	10	80	4	02	1	4	8	4			5								
	21	10045	30	29	27	20	05	84	2	02	8	2	2	4			5			27	68	531	005	35	31
26	00	10063	31	29	25	18	06	84	1	01	8	1	2	4			5								
	03	10082	32	30	26	19	04	84	3	02	1	3	8	5			5								
	06	10106	33	31	27	22	08	84	4	02	1	4	8	5			5								
	09	10143	32	31	29	24	06	56	8	70	2	8	6	1			6								
	12	10155	34	31	25	24	08	80	6	02	2	6	5	5			5								
	15	10175	34	31	25	18	04	80	7	02	2	7	5	5			5								
	18	10191	34	30	22	18	03	80	7	02	2	7	5	5			5								
	21	10206	34	31	25	18	01	84	7	02	2	7	5	5						18	17	187	000	37	2[illegible]
27	00	10217	35	33	27	33	08	84	7	02	2	7	5	5											
	03	10225	36	32	24	32	10	84	8	02	2	8	5	5											
	06	10232	36	33	25	32	13	84	8	02	2	8	5	5			7								
	09	10239	37	34	29	35	16	80	8	02	2	8	5	5			7								
	12	10231	38	34	27	35	18	80	7	02	2	7	5	5			8								
	15	10230	39	35	29	35	16	80	8	02	2	8	5	5			8								
	18	10224	39	35	29	34	15	80	8	02	2	8	5	5			8								
	21	10219	40	36	29	36	12	84	8	02	2	8	5	5			8			35	36	143	000	42	3[illegible]

Results of Surface Observations,
MACQUARIE May 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	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	00	10206	39	37	32	36	12	82	3	01	1	3	5	5	0	0	8								
	03	10188	41	38	33	01	11	82	8	03	2	8	5	5			8								
	06	10172	41	38	33	35	13	82	8	02	2	8	5	5			8								
	09	10161	41	40	38			52	8	50	5	8	6	1			8								
	12	10134	42	41	40			66	8	02	5	8	6	2			8								
	15	10110	42	41	40			58	8	02	5	8	6	2			8								
	18	10096	43	42	40	36	08	58	8	02	2	8	6	2			8								
	21	10078	44	42	40	36	05	58	8	02	2	8	6	2			8			02	31	286	001	45	38
29	00	10057	42	42	42	36	06	08	8	45	2	8	6	0			8								
	03	10031	43	42	42	03	08	08	8	45	4	8	6	0			8								
	06	10010	42	42	42	03	08	08	8	50	4	8	6	0			8								
	09	9995	43	43	42	36	14	08	8	50	5	8	6	0			8								
	12	9979	43	42	42	34	12	06	8	45	4	8	6	0			8								
	15	9952	43	43	42	31	16	06	8	60	6	8	6	0			8								
	18	9958	42	42	41	30	14	32	8	28	5	8	6	1			7								
	21	9959	42	41	40	29	16	74	8	02	2	8	5	5			7			29	30	201	001	43	42
30	00	9959	42	40	38	28	20	74	4	01	1	4	5	5	0	0	6								
	03	9964	41	39	37	28	20	80	1	01	0	1	5	5	0	0	6								
	06	9969	42	40	38	30	20	80	7	03	1	7	5	5			6								
	09	9972	43	42	40	31	25	82	7	03	2	2	5	5	7	2	6								
	12	9972	43	42	41	31	17	80	7	21	6	5	5	7	7		6								
	15	9963	43	43	41	32	22	74	7	52	5	5	6	2	3		6								
	18	9972	43	43	40	31	20	74	8	02	5	2	6	3	7	2	6								
	21	9985	43	42	42	31	16	08	8	61	6	8	6	0			7			32	35	424	003	44	41
31	00	9990	43	43	43	32	20	08	8	53	6	8	6	0			7								
	03	10006	43	43	43	31	17	56	8	20	6	8	6	3			7								
	06	10019	42	42	41	32	13	80	2	01	1	2	5	3	0	0	7								
	09	10033	43	42	41	32	14	82	7	02	2	7	5	5			6								
	12	10032	43	41	37	33	20	84	7	02	2	7	5	5			6								
	15	10027	42	40	37	33	18	82	8	02	2	8	5	5			7								
	18	10027	41	40	38	35	15	82	8	03	2	8	5	4			7								
	21	10015	40	39	37	34	16	74	8	02	2	8	6	4			7			36	35	470	014	45	42

Results of Surface Observations,
MACQUARIE June, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURE	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	
01	00	10001	40	39	38	35	20	66	8	02	2	8	6	2			8								
	03	9983	41	40	39	34	16	48	8	02	2	8	6	2			8								
	06	9967	41	40	40	36	08	48	8	02	2	8	6	2			8								
	09	9949	42	42	41	33	05	32	8	50	5	8	6	2			8								
	12	9917	43	42	42	34	08	16	8	10	2	8	6	1			8								
	15	9901	41	41	40	32	08	16	8	10	2	8	6	0											
	18	9893	41	41	41	34	10	16	8	10	2	8	6	2											
	21	9887	41	41	41	34	12	06	8	50	2	8	6	0			8			36	30	346	001	43	
02	00	9879	43	43	43	32	17	16	8	21	6	8	6	0			7								
	03	9882	42	42	42	32	15	04	8	47	5	8	6	0			7								
	06	9886	42	41	41	31	12	66	4	01	1	4	6	4	0	0	7								
	09	9900	42	42	41	32	15	80	7	02	2	7	5	5			7								
	12	9908	43	42	41	31	24	74	7	02	2	7	5	5			7								
	15	9932	43	42	41	30	20	80	5	02	1	5	5	5	0	0	6								
	18	9970	42	40	37	29	22	80	5	02	1	5	5	5	0	0	6								
	21	9993	43	42	41	30	18	66	5	02	2	5	6	4	0	0	6			30	32	275	004	44	
03	00	10010	42	41	41	31	15	32	3	10	0	3	5	4	0	0	6								
	03	10005	42	42	41	33	14	16	8	10	1	8	5	5			7								
	06	9974	43	43	43	36	25	48	8	60	6	8	6	2			8								
	09	9973	44	44	44	32	26	32	8	10	6	8	6	2			7								
	12	9963	44	44	44	33	25	16	8	10	2	8	6	2			7								
	15	9952	44	44	44	33	25	32	8	10	2	8	6	2			7								
	18	9945	45	44	43	32	30	32	8	10	2	8	5	4			7								
	21	9963	45	43	41	32	30	58	8	02	2	8	5	5			7			35	43	458	017	45	
04	00	9978	44	43	42	31	25	58	8	02	2	8	5	4			7								
	03	9993	43	42	40	31	17	74	8	02	2	8	5	5			7								
	06	9986	43	43	43	34	16	66	8	02	2	8	6	2			7								
	09	9942	42	42	41	32	24	58	8	10	2	8	6	2			7								
	12	9989	43	42	41	30	22	80	7	03	2	7	5	5			6								
	15	9989	42	42	40	32	18	80	7	02	2	7	5	5			6								
	18	9958	43	42	41	34	18	58	8	53	2	8	5	5			7								
	21	9890	44	44	43	33	34	32	8	63	6	8	6	2			7			34	45	579	001	45	
05	00	9908	44	41	38	31	30	74	1	01	6	1	5	5	0	0	7								
	03	9912	43	41	38	31	28	74	1	02	0	1	5	5	0	0	7								
	06	9874	43	41	39	34	20	32	1	10	0	1	5	5	0	0	7								
	09	9792	43	40	35	32	37	74	8	25	8	8	8	5			7								
	12	9805	42	39	34	29	39	80	6	25	8	6	2	5	0	0	6								
	15	9786	42	40	37	32	40	74	6	02	2	5	2	4	0	2	6								
	18	9790	40	39	38	29	40	74	7	25	8	7	8	4			6								
	21	9808	41	38	34	29	32	80	3	25	2	3	2	4	0	0	6			30	66	617	018	45	
06	00	9814	38	36	33	27	26	66	2	02	2	2	2	4	0	0	6								
	03	9830	38	35	30	26	26	74	7	15	8	7	2	5			6								
	06	9853	35	33	32	27	25	74	5	85	8	5	2	5	0	0	6								
	09	9897	35	33	29	27	53	74	6	85	8	6	2	4	0	0	6								
	12	9931	35	33	30	24	20	74	7	15	8	7	2	4			5								
	15	9966	36	34	30	22	12	74	6	26	8	6	2	4	0	0	5								
	18	9989	35	33	30	25	12	74	3	26	8	3	2	4	0	0	8								
	21	9989	36	34	32	27	13	80	6	03	2	3	2	4	4		6			27	56	781	009	42	
07	00	9967	37	36	34	32	13	80	7	25	2	7	2	4			7								
	03	9915	39	37	34	34	14	80	7	02	2	7	2	4			7								
	06	9846	39	37	35	35	16	58	8	60	6	5	6	3	2		8								
	09	9736	42	41	41	35	25	48	8	63	6	8	6	2			8								
	12	9674	43	43	43	32	20	48	8	61	6	8	6	2			7								
	15	9633	43	42	41	32	26	66	7	80	6	7	8	4			7								
	18	9573	41	38	34	30	40	74	6	25	8	6	2	4			7								
	21	9524	40	38	35	30	44	66	7	80	8	7	2	4			7			30	75	383	019	44	
08	00	9536	40	38	36	28	42	58	7	80	8	7	2	4			6								
	03	9560	39	38	36	26	36	74	7	25	8	7	2	4			6								
	06	9580	36	35	33	26	42	56	8	89	8	8	2	4			6								
	09	9665	37	35	32	22	20	58	8	83	8	8	2	4			5								
	12	9736	36	34	30	22	24	58	6	83	8	6	2	4			5								
	15	9819	33	31	28	22	25	66	6	85	8	6	2	4	0	0	5								
	18	9871	31	29	25	26	40	74	6	26	8	6	2	4	0	0	5								
	21	9924	31	27	18	18	26	74	7	26	8	7	2	4			5			26	70	856	040	38	
09	00	9942	30	30	29	26	32	80	5	85	8	5	2	4	0	0	5								
	03	9968	31	29	25	24	12	80	5	26	8	5	2	4	0	0	5								
	06	9973	33	30	23	21	18	80	2	01	1	2	2	4	0	0	6								
	09	9971	34	30	22	26	16	82	3	16	0	3	2	5	0	0	6								
	12	9957	35	31	22	27	10	82	7	03	1	3	1	5	1		6	6							
	15	9931	34	31	25	27	03	82	7	02	2	3	1	5	1		6	6							
	18	9920	35	33	27	14	15	80	8	02	2	5	1	5	1		5	3							
	21	9919	35	33	29	14	18	80	8	02	2	3	1	5	1		3			27	55	521	003	36	

Results of Surface Observations,
MACQUARIE June, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	SLmiles	Points	°F	°F
0	00	9926	35	33	29	15	16	82	3	01	1	3	1	5	0	0	3								
	03	9939	34	31	26	18	10	80	6	03	1	6	2	5			4								
	06	9954	33	29	22	20	06	80	2	01	2	2	2	5	0	0	4								
	09	9956	35	30	19	28	11	80	5	03	1	5	5	5	0	0	5								
	12	9932	37	33	25	31	22	82	7	02	2	7	5	5			7								
	15	9893	37	34	29	32	34	80	6	02	2	3	5	5	3	2	7	7							
	18	9848	39	38	37	32	40	58	8	61	6	8	6	4			7								
	21	9839	40	38	35	28	16	80	8	23	6	2	5	4	1		6			32	53	271	000	41	32
1	00	9835	40	36	30	28	16	80	6	01	2	2	1	5	4	0	6								
	03	9822	39	37	34	29	28	80	7	25	1	7	2	5			6								
	06	9821	38	36	32	28	18	80	7	02	8	7	2	5			6								
	09	9822	33	33	33	28	20	32	8	86	2	8	2	3			6								
	12	9817	35	32	26	26	25	80	3	16	8	3	9	4	0	0	6								
	15	9822	33	33	32	27	24	74	6	26	8	6	9	4	0	0	6								
	18	9838	33	30	24	26	24	74	6	26	8	6	2	4	0	0	6								
	21	9850	30	29	22	26	28	58	6	85	8	6	2	4	0	0	6			26	60	580	010	38	33
2	00	9826	31	30	27	26	24	80	5	02	8	5	2	4	0	0	6								
	03	9843	28	27	25	25	12	32	7	85	8	7	2	4			6								
	06	9860	27	26	23	26	20	80	2	01	8	2	2	4	0	0	6								
	09	9878	30	27	21	26	30	48	7	86	8	7	9	4			6								
	12	9885	29	29	27	22	16	66	6	26	8	6	9	4	0	0	5								
	15	9917	29	29	29	20	20	08	8	86	8	8	2	3			5								
	18	9922	33	30	23	22	24	74	7	26	8	7	2	5			5								
	21	9965	29	28	25	22	26	80	6	02	2	6	2	5			5			24	62	518	006	37	25
3	00	9997	33	32	29	20	14	56	6	85	8	6	2	5			5								
	03	10015	36	32	25	24	16	80	2	26	8	2	2	5			5								
	06	10028	37	36	33	26	26	58	8	80	8	8	2	5			6								
	09	10040	37	36	34	26	28	74	7	25	2	7	2	4			5								
	12	10034	38	37	35	27	24	74	7	02	8	7	2	4			6								
	15	10022	38	38	38	29	18	66	8	61	6	2	6	4	2		6								
	18	9980	39	39	39	33	12	66	8	60	6	4	6	4	2		6								
	21	9965	42	42	42	27	18	58	8	61	6	4	6	3	2		6			27	52	490	010	41	29
	00	9988	41	40	40	27	24	58	8	50	6	8	5	5			6								
	03	10018	39	39	39	27	15	80	5	01	5	5	6	3			5								
	06	10054	38	38	38	24	15	80	4	02	1	4	6	3			5								
	09	10096	38	37	37	20	06	56	7	50	2	7	6	3			8								
	12	10102	38	38	38	26	22	09	8	50	5	8	6	0			6								
	15	10106	41	41	41	27	24	08	8	50	5	8	6	0			6								
	18	10106	41	41	41	26	30	32	8	50	5	8	6	2			6								
	21	10103	42	42	42	29	25	74	7	02	2	7	5	5			6			27	42	408	017	44	37
	00	10098	43	42	42	29	18	80	8	02	2	8	5	5			6								
	03	10082	43	43	43	29	25	74	8	02	2	8	5	5			6								
	06	10091	44	43	43	29	22	74	8	02	8	8	5	5			6								
	09	10118	43	42	41	25	24	80	7	02	2	7	5	4			6								
	12	10127	42	42	41	26	25	80	7	02	2	6	5	4	0	1	6								
	15	10122	42	42	41	28	18	80	7	02	2	7	5	4			6								
	18	10104	42	42	42	30	16	66	8	25	2	8	8	4			7								
	21	10082	44	44	44	30	25	74	8	02	2	8	5	5			6			27	46	533	002	44	41
	00	10072	43	43	43	30	23	66	8	02	2	8	5	5			6								
	03	10064	43	43	43	30	22	66	8	02	2	8	5	5			6								
	06	10046	43	43	43	31	20	66	8	10	2	8	5	5			6								
	09	10016	44	43	42	32	22	32	8	50	5	8	6	2			7								
	12	9974	44	44	43	32	28	32	8	10	6	8	6	2			7								
	15	9957	44	43	42	31	29	32	8	50	6	8	6	2			7								
	18	9943	43	42	40	30	30	66	7	02	2	7	5	3			7								
	21	9926	43	41	39	31	30	74	7	02	2	7	5	5			7			30	53	502	002	44	42
	00	9890	43	41	37	29	35	80	7	02	2	7	5	4			7								
	03	9877	42	39	34	29	40	74	7	25	8	7	8	5			6								
	06	9916	40	39	38	27	30	80	7	25	8	7	8	5			6								
	09	9947	40	38	36	29	26	66	7	25	8	7	8	4			6								
	12	9973	37	36	33	26	20	80	7	25	8	7	8	4			6								
	15	9978	40	38	35	29	20	66	7	02	2	7	5	4			6								
	18	9969	40	38	36	30	18	80	2	01	1	2	2	5			6								
	21	9951	41	39	36	31	13	84	8	03	2	0	0	9	0	7				30	64	761	008	43	39
	00	9900	41	40	39	36	03	82	8	03	2	3	6	2	7										
	03	9833	39	38	37	06	14	58	8	61	6	3	6	2	2										
	06	9748	43	42	41	32	24	82	4	01	6	4	6	3			7								
	09	9720	41	40	39	30	12	80	7	60	6	7	8	4			7								
	12	9757	37	36	34	20	22	56	7	50	2	7	6	2			5								
	15	9850	38	36	33	26	18	89	6	02	8	5	8	4	4		6								
	18	9858	38	37	36	30	12	56	7	60	2	7	6	3			6								
	21	9845	34	34	33	32	06	48	8	71	7	2	6	3	2		7			20	49	393	026	42	39

Results of Surface Observations,
MACQUARIE June, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURE	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	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	00	9821	35	35	35	14	12	48	8	61	7	2	6	3	1										
	03	9831	35	34	33	22	04	80	7	01	6	7	8	4			5								
	06	9855	35	34	33	22	05	82	6	02	2	6	8	5			5								
	09	9880	35	33	29	26	10	84	5	02	1	2	1	5	3		6								
	12	9880	37	36	34	32	10	84	5	03	1	4	8	5	3		7								
	15	9853	39	37	35	36	14	74	7	25	8	6	2	5	3		7								
	18	9814	37	36	35	36	08	32	8	67	6	8	6	5			8								
	21	9763	42	42	42	36	15	36	8	61	6	2	6	3	2		8			32	43	290	012	43	34
20	00	9730	41	40	39	31	20	74	7	02	6	6	5	5	7		7								
	03	9709	40	39	38	31	18	80	2	01	1	2	5	5	0	0	7								
	06	9719	39	36	33	28	33	80	6	25	8	6	8	4	0	0	6								
	09	9745	36	36	35	28	42	32	8	67	6	8	6	4			6								
	12	9790	38	35	30	28	40	38	7	02	6	7	8	4			6								
	15	9808	40	37	33	28	34	66	6	02	2	5	8	4	3		6								
	18	9777	40	40	40	32	18	56	7	80	8	7	8	5			7								
	21	9765	43	41	39	30	30	63	6	02	8	6	2	5	0	0	7			30	67	460	031	43	35
21	00	9763	42	39	34	30	38	80	7	26	2	7	5	5			6								
	03	9773	40	37	32	29	45	58	8	83	8	8	2	5			6								
	06	9767	41	37	31	29	50	80	5	02	8	5	2	5	0	0	6								
	09	9797	39	36	31	29	44	74	6	27	8	5	3	5	3	0	6								
	12	9815	39	35	28	29	38	82	4	02	1	4	2	5	0	0	6								
	15	9835	39	35	28	29	28	84	6	03	2	2	5	4	3	0	6								
	18	9856	37	35	32	27	15	84	3	89	2	3	2	5	0	0	6								
	21	9877	38	35	31	25	22	80	2	02	2	2	2	5	0	0	6			29	75	907	007	40	35
22	00	9888	38	35	30	26	12	80	3	02	0	3	2	5	0	0	6								
	03	9889	37	34	29	27	12	74	8	03	1	8	0	9	1			6							
	06	9888	35	33	28	23	05	74	8	02	2	8	5	5			6								
	09	9897	36	34	30	23	05	74	8	68	2	1	6	3	2		5	6							
	12	9896	35	33	29	15	06	84	8	27	7	1	5	4	7		4								
	15	9920	34	31	25	20	08	84	7	02	7	3	8	4	2	8	4								
	18	9955	30	29	27	20	10	82	2	26	8	2	2	4	0	0	4								
	21	9972	34	30	24	25	12	82	2	02	8	2	2	4	0	0	5			27	29	486	001	36	35
23	00	10000	34	31	23	25	14	82	2	02	8	2	2	4	0	0	5								
	03	10014	33	32	30	23	10	82	2	26	2	2	2	4	0	0	5								
	06	10023	33	32	30	25	10	66	5	85	8	5	2	4	0	0	5								
	09	10033	33	32	30	25	07	84	5	15	8	3	2	5	0	2	5								
	12	10024	37	33	25	30	15	84	7	03	2	7	5	5			7								
	15	10020	38	34	26	32	15	84	7	02	2	7	5	5			7								
	18	10008	38	37	35	34	10	80	4	01	5	4	5	5	0	6	7								
	21	10007	39	37	34	28	17	74	7	03	5	7	5	5			7			27	29	214	009	41	30
24	00	9999	38	36	32	29	22	80	5	01	2	5	8	0	0		7								
	03	9976	40	39	38	31	28	48	8	50	5	8	6	2			7								
	06	9986	41	39	39	29	28	58	8	20	5	8	5	4			7								
	09	10003	40	38	35	27	25	84	5	01	1	2	2	4	0	2	5								
	12	10018	41	39	36	27	25	82	5	80	1	5	2	4	0	0	5								
	15	10032	40	40	38	28	24	74	7	80	8	7	2	4			5								
	18	10042	41	40	39	29	23	58	8	50	5	8	6	3			6								
	21	10046	41	41	41	29	21	58	8	02	5	8	6	3			6			27	43	466	001	42	37
25	00	10044	41	41	40	29	28	66	8	02	2	8	6	3			6								
	03	10033	41	40	39	30	32	66	8	02	2	8	6	3			6								
	06	10013	42	41	40	30	33	66	8	02	2	8	6	3			6								
	09	10020	41	40	39	27	20	58	8	80	5	8	6	3			6								
	12	10033	39	36	31	26	22	80	8	02	8	2	2	5	2		6								
	15	10049	39	34	26	27	19	80	8	02	2	3	5	5	2		6								
	18	10081	36	33	27	24	15	84	6	26	8	6	8	5	0	0	5								
	21	10111	37	32	23	25	12	84	2	26	8	2	2	5	0	0	5			28	48	521	004	41	40
26	00	10157	37	32	23	25	12	84	1	02	0	1	2	5	0	0	5								
	03	10166	36	33	27	20	10	84	1	02	8	1	2	5	0	0	5								
	06	10200	37	34	26	25	12	84	3	02	8	3	2	5	0	0	5								
	09	10215	40	37	32	27	25	82	7	02	2	7	8	4			6								
	12	10224	39	37	34	26	28	84	6	25	8	5	8	4	0	2	6								
	15	10237	39	37	34	27	32	82	6	80	8	6	8	4	0	0	6								
	18	10249	39	37	34	27	30	84	5	80	8	5	8	4	0	0	6								
	21	10264	40	38	35	25	26	82	7	25	8	7	8	4			6			27	52	369	006	41	39
27	00	10272	40	38	34	26	25	82	7	02	8	7	2	4			6								
	03	10266	39	38	37	27	26	82	3	25	8	3	2	4	0	0	6								
	06	10268	40	38	36	26	28	80	8	03	8	8	6	4			6								
	09	10272	40	38	36	27	28	80	7	80	8	6	8	4	3		6								
	12	10268	40	39	38	28	25	74	8	16	8	8	8	4			6								
	15	10264	40	39	38	28	24	74	8	80	8	8	8	2	4		6								
	18	10259	41	39	37	28	22	82	8	02	8	8	8	5			6								
	21	10262	41	40	39	28	21	58	8	60	5	8	6	3			6			28	50	635	004	42	38

Results of Surface Observations,
MACQUARIE June, 1965

	STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
	mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	Statutes	Points	°F	°F
0	10260	41	41	40	28	16	58	8	50	5	8	6	2			6								
3	10277	41	41	40	28	18	56	8	60	6	8	6	2			6								
5	10261	42	41	41	28	15	09	8	50	5	8	6	0			6								
9	10263	41	41	40	28	20	58	7	01	5	7	5	4			6								
2	10253	41	41	39	28	23	58	7	50	2	7	5	3			6								
6	10244	42	41	40	28	23	58	8	02	2	8	5	3			6								
3	10247	42	41	40	28	23	16	8	10	2	8	5	3			6								
1	10251	42	41	40	27	20	80	7	02	2	7	5	4			6			27	37	469	005	43	40
0	10248	42	41	40	28	24	80	8	02	2	8	5	4			6								
3	10238	41	41	40	29	29	80	8	02	2	8	5	4			6								
6	10231	42	41	40	29	30	80	8	02	2	8	5	4			6								
9	10230	42	41	40	29	28	32	8	50	2	8	6	2			6								
2	10215	42	41	40	29	26	48	8	02	5	8	6	3			6								
5	10201	43	42	41	30	26	58	8	02	2	8	6	4			6								
8	10184	43	42	41	30	30	66	8	02	2	8	5	4			6			29	46	575	000	44	44
1	10173	43	42	41	30	31	74	8	02	2	8	5	4			6								
0	10162	43	42	41	30	31	80	8	02	2	8	5	4			6								
3	10139	43	42	41	30	33	74	8	02	2	8	5	4			6								
6	10124	43	43	42	30	26	56	8	61	6	8	6	3			6								
9	10141	40	38	37	27	18	80	6	01	6	6	5	5	0	0	6								
2	10154	38	35	30	26	20	82	4	02	1	4	5	5	0	0	6								
5	10164	37	33	26	26	26	82	5	02	0	5	5	4	0	0	5								
8	10176	35	32	25	26	22	82	7	02	1	7	5	4			5								
1	10190	35	31	24	22	14	82	7	02	2	7	5	4			5			29	49	656	004	40	40

Results of Surface Observations,
MACQUARIE July, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	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	00	10197	34	32	29	20	06	66	7	87	2	7	8	4			5								
	03	10200	33	31	26	22	06	80	7	02	8	7	5	5			5								
	06	10198	34	32	28	24	08	80	8	02	2	8	5	5			5								
	09	10196	34	31	25	25	08	80	7	02	2	7	5	5			5								
	12	10176	35	32	26	29	12	82	7	02	2	7	5	5			8								
	15	10153	35	35	31	30	12	80	7	02	2	7	5	5			6								
	18	10145	37	37	36	32	09	66	8	50	2	8	6	2			7								
	21	10113	40	40	40	30	10	08	8	50	5	8	6	0			7			28	21	335	001	41	33
02	00	10109	41	41	40	29	14	22	8	10	4	8	6	1			6								
	03	10102	41	41	40	28	18	16	8	10	2	8	6	1			6								
	06	10087	41	40	39	30	17	80	1	03	2	1	5	5	0	0	6								
	09	10059	42	40	39	32	20	66	7	03	1	7	5	2			7								
	12	10017	42	41	40	30	26	63	8	20	5	8	5	3			6								
	15	9986	42	41	41	31	28	16	8	50	5	8	6	2			7								
	18	9966	42	41	41	31	27	16	8	20	5	8	6	2			7								
	21	9956	42	41	40	29	26	16	8	50	5	8	6	2			6			28	43	354	000	42	37
03	00	9962	41	39	38	28	27	66	8	02	2	8	6	2			6								
	03	9963	41	40	39	28	25	32	8	50	5	8	6	2			6								
	06	9971	41	39	37	28	26	80	8	02	2	8	6	4			6								
	09	9987	41	39	36	27	24	74	8	02	2	8	5	4			6								
	12	10001	40	38	35	27	20	80	6	01	2	6	5	4			6								
	15	10000	41	40	39	27	12	13	8	10	2	8	6	2			6								
	18	10014	40	40	40	29	10	03	8	45	4	8	6	0			6								
	21	10007	41	40	40	30	08	04	8	45	4	8	6	0			6			28	45	638	002	41	40
04	00	9992	40	40	39	32	12	08	8	45	4	8	7	0			7								
	03	9975	40	40	39	34	08	08	8	45	5	8	7	0			7								
	06	9962	41	41	40	34	08	08	8	45	4	8	7	0			7								
	09	9964	40	40	40	32	05	16	8	20	4	8	6	1			7								
	12	9957	40	40	40	32	06	08	8	61	5	8	7	0			7								
	15	9964	41	41	41	29	10	66	5	01	6	6	5	2	0	0	7								
	18	9974	40	40	40	31	05	74	7	02	2	7	5	4			7								
	21	9974	39	39	39	31	03	80	6	03	1	6	5	5	0	0	7			35	18	284	001	41	39
05	00	9971	39	39	39	32	02	80	8	02	2	8	5	5			7								
	03	9965	39	38	38	12	08	80	3	01	1	3	5	5	0	0	3								
	06	9964	39	38	37	11	15	80	8	02	1	8	5	5			3								
	09	9967	40	39	38	14	21	80	7	02	2	7	5	4			3								
	12	9969	38	38	38	14	24	74	8	02	2	8	6	2			3								
	15	9987	39	38	38	15	22	74	8	02	2	8	5	2			3								
	18	10001	37	36	34	15	24	80	3	01	1	3	5	2	0	0	3								
	21	10017	38	37	35	16	15	80	7	02	1	7	5	2			3			14	52	119	005	40	39
06	00	10041	36	36	35	18	12	80	3	80	2	3	2	5	0	0	4								
	03	10042	34	34	32	18	10	80	1	01	8	1	2	5	0	0	4								
	06	10043	35	34	32	18	04	66	6	80	1	6	2	5			4								
	09	10052	36	35	33	17	05	66	7	83	8	6	2	4	4		4								
	12	10054	37	35	32	17	17	82	6	16	8	6	2	4	4	0	4								
	15	10066	35	34	32	17	15	80	6	26	8	6	2	4	0	0	4								
	18	10076	35	34	33	17	13	80	5	26	8	5	2	4	0	0	4								
	21	10084	34	34	33	18	08	80	5	25	8	5	2	5	0	0	4			17	23	425	007	37	34
07	00	10090	33	32	30	20	06	82	1	01	1	1	2	5	0	0	4								
	03	10100	33	33	31	20	04	82	1	01	0	1	2	5	0	0	4								
	06	10103	32	31	29	18	04	82	3	01	0	3	2	5	0	0	4								
	09	10096	32	31	29	00	00	84	2	02	0	1	2	5	0	2	4								
	12	10094	35	34	31	18	05	84	3	03	0	3	2	4	0	0	4								
	15	10096	34	33	33	00	00	32	4	10	2	4	6	1	0	0	4								
	18	10093	32	31	30	27	06	80	3	02	1	3	2	4	0	0	4								
	21	10105	33	33	32	32	08	80	4	02	1	4	8	4	0	0	7			32	18	201	003	38	32
08	00	10095	34	33	30	32	12	80	6	03	1	6	2	5	0	0	7								
	03	10090	35	34	32	32	14	66	7	80	8	7	2	5			7								
	06	10098	35	34	31	32	14	80	1	01	8	1	2	5	0	0	7								
	09	10091	38	37	35	34	15	84	8	02	2	8	5	5			7								
	12	10083	38	36	33	29	15	84	6	02	8	6	8	5	0	0	6								
	15	10093	37	36	33	22	10	80	7	80	8	7	8	5			5								
	18	10119	34	32	28	22	15	82	5	85	8	5	2	4	0	0	5								
	21	10137	34	32	28	18	12	82	5	02	8	5	4	4	0	0	4			27	34	190	002	39	32
09	00	10138	32	32	31	22	10	16	8	85	8	8	2	5			5								
	03	10165	34	32	28	19	08	80	1	01	8	1	2	5			4								
	06	10192	34	32	28	19	08	80	6	03	8	6	2	5			4								
	09	10224	33	31	27	20	07	84	6	02	2	6	8	4			5								
	12	10232	33	32	28	24	05	84	2	01	1	2	5	5			5								
	15	10244	33	31	28	00	00	82	7	85	8	7	2	4			5								
	18	10246	32	31	29	27	10	82	4	85	8	4	2	4			5								
	21	10248	35	33	29	26	28	84	2	01	1	2	2	5			5			27	39	298	006	39	32

Results of Surface Observations,
MACQUARIE July, 1965

CAL DARD ME	STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
	mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
00	10240	38	37	34	25	28	84	6	03	2	1	2	5	3		5								
03	10250	37	37	36	23	10	82	4	80	1	4	2	4			5								
06	10246	38	37	34	25	28	84	3	02	1	3	2	4			5								
09	10267	39	39	38	27	14	32	7	50	5	7	5	1			6								
12	10263	39	39	38	34	02	66	6	50	5	6	6	1			7								
15	10266	39	39	38	28	12	80	3	01	1	3	5	4			6								
18	10270	38	38	38	29	09	66	3	25	1	3	2	4			6								
21	10266	38	37	36	30	12	16	6	51	5	6	6	3			6			27	40	308	001	40	32
00	10257	37	36	34	29	22	84	5	02	1	5	5	4			6								
03	10252	37	35	34	30	20	84	8	02	2	8	6	4			6								
06	10248	37	36	34	28	15	84	8	02	2	8	5	4			6								
09	10248	37	36	34	30	18	80	7	02	2	7	8	4			6								
12	10232	37	36	33	29	20	80	7	25	2	7	8	4			6								
15	10211	38	37	34	30	22	80	6	80	2	6	8	4			6								
18	10199	39	38	37	30	23	80	4	25	8	4	2	4			6								
21	10164	39	38	37	30	25	82	5	02	8	5	2	4			6			30	39	361	001	41	36
00	10136	40	37	32	31	25	82	7	03	2	7	5	5			7								
03	10104	41	39	36	31	29	82	8	02	2	8	5	4			7								
06	10086	41	38	33	28	30	80	8	80	8	8	2	4			6								
09	10092	37	35	33	25	18	74	6	25	8	6	8	4			6								
12	10101	36	32	26	28	22	74	7	80	8	7	8	4			6								
15	10105	35	31	24	28	20	74	7	03	2	7	5	5			6								
18	10104	34	32	28	28	18	66	7	87	2	7	2	5			6								
21	10097	35	32	26	27	25	84	7	25	8	7	2	4			6			27	44	605	005	40	37
00	10077	37	35	32	29	20	84	7	02	2	1	5	5	3		6								
03	10051	37	35	32	29	29	82	7	02	6	1	5	5	7		6								
06	10026	38	36	33	29	30	82	8	02	2	8	8	5			6								
09	10015	40	38	35	30	26	80	8	02	2	2	5	4	7		6								
12	9998	40	38	35	30	26	80	8	02	2	1	5	4	2		6								
15	9979	41	39	37	30	26	80	8	02	2	3	5	4	2		6								
18	9970	41	40	39	30	25	58	8	60	6	2	6	4	2		6								
21	9968	41	40	39	29	25	58	8	60	6	2	6	3	2		6			30	42	525	000	41	33
00	9959	41	39	37	29	28	82	8	02	2	8	5	4			6								
03	9950	41	40	39	29	25	80	8	02	2	8	5	4			6								
06	9964	40	39	38	28	22	48	8	51	5	8	5	4			6								
09	9983	37	35	32	27	13	80	7	02	5	7	8	4			6								
12	9977	39	36	32	29	18	80	7	02	2	7	8	4			6								
15	9958	38	38	37	32	10	16	8	02	2	8	6	1			7								
18	9929	41	40	40	32	20	16	8	50	5	8	6	1			7								
21	9906	41	40	39	32	25	58	8	60	6	8	5	4			7			29	43	604	008	42	37
00	9853	42	40	39	33	28	58	8	21	6	4	5	4	2		7								
03	9834	41	40	39	31	24	74	7	01	6	7	5	4			6								
06	9812	41	39	37	32	15	80	3	01	2	3	5	4			7								
09	9785	38	38	38	30	18	16	8	62	2	2	6	4	2		7								
12	9783	39	36	33	30	25	80	7	60	6	5	8	4	2		6								
15	9786	36	35	33	32	28	66	7	85	2	7	2	5			7								
18	9791	36	34	31	30	26	80	6	02	2	6	3	5			6								
21	9801	34	32	28	28	25	84	7	02	8	7	8	5			6			30	52	500	008	40	38
00	9815	32	31	29	27	15	84	4	01	8	4	2	5	0	0	6								
03	9826	34	32	28	29	16	84	2	01	1	2	2	5	0	0	6								
06	9823	33	32	30	31	12	84	4	01	8	4	2	5	0	0	6								
09	9799	37	34	28	36	13	80	8	02	2	2	5	5	2		8								
12	9741	37	36	35	36	17	80	8	70	7	3	6	2	2		8								
15	9703	40	38	35	34	21	80	6	03	1	3	8	5	5	0	7								
18	9685	39	37	34	31	22	80	8	02	2	3	5	5	7		7								
21	9696	35	34	32	18	20	66	6	50	5	6	5	4	0	0	4			29	45	548	016	41	31
00	9744	34	31	27	18	20	80	5	02	2	5	5	4	0	0	4								
03	9786	34	31	25	19	12	80	6	02	2	6	5	4	0	0	4								
06	9826	33	31	25	18	08	80	6	02	2	6	5	4	0	0	4								
09	9859	32	29	22	25	04	80	6	03	8	3	8	4	7	0	6								
12	9881	34	30	23	27	18	80	6	85	8	5	2	4	4	0	6								
15	9900	33	29	20	27	25	80	6	85	8	6	9	5	0	0	6								
18	9924	33	30	24	28	24	80	7	26	8	7	9	5	0	0	6								
21	9949	32	30	27	23	12	80	5	26	8	5	2	5	0	0	5			27	50	283	011	39	29
00	9966	34	31	25	26	18	80	3	02	8	3	2	5	0	0	5								
03	9978	35	31	24	27	08	82	3	02	8	3	2	5	0	0	5								
06	9980	36	33	28	34	15	82	7	03	1	7	5	5			6								
09	9959	39	38	37	35	25	48	8	60	6	8	6	3			8								
12	9948	42	41	40	30	30	48	8	60	6	8	6	3			7								
15	9935	42	41	40	32	35	32	8	60	6	8	6	3			7								
18	9928	43	42	41	32	35	32	8	60	6	8	6	2			7								
21	9921	43	42	41	32	35	32	8	61	6	8	6	2			7			32	49	398	007	40	31

Results of Surface Observations,
MACQUARIE July, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREM TEMPERATU
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F
19	00	9918	43	42	41	32	28	32	8	60	6	8	6	2			7							
	03	9902	41	41	41	31	18	48	8	61	6	8	6	4			7							
	06	9900	41	40	39	31	20	56	8	02	6	8	5	3			7							
	09	9911	40	38	35	28	30	80	5	25	8	5	2	5	0	0	6							
	12	9938	38	35	30	27	30	82	5	02	8	5	6	5	0	0	6							
	15	9967	36	32	24	27	30	84	3	02	8	3	2	5	0	0	6							
	18	9982	33	33	32	27	34	80	6	83	8	6	2	4	0	0	6							
	21	10010	36	33	24	27	28	74	7	26	2	7	2	5			6			27	62	711	022	41
20	00	9999	38	37	34	29	30	74	7	80	8	7	2	4			6							
	03	10037	35	34	31	20	14	80	3	02	8	3	2	4	0	0	5							
	06	10098	36	32	24	26	14	80	5	03	2	3	2	5	0	0	5							
	09	10148	35	32	26	27	20	84	7	02	2	7	5	5			6							
	12	10167	35	31	23	27	15	84	7	02	2	7	5	5			6							
	15	10179	36	32	24	27	10	84	7	02	2	7	5	5			8							
	18	10183	36	33	27	29	10	84	3	01	1	3	5	5	0	0	6							
	21	10178	36	36	34	32	12	80	5	80	2	5	8	5	0	0	6			28	61	609	014	42
21	00	10157	39	37	34	32	17	80	7	03	1	7	5	5			7							
	03	10132	41	39	36	34	18	80	7	02	2	7	5	5			7							
	06	10089	41	40	38	35	21	80	7	02	2	7	5	5			7							
	09	10044	42	41	40	35	25	66	8	10	2	8	6	3			8							
	12	9986	43	43	41	34	35	32	8	60	6	8	6	4			8							
	15	9957	43	42	41	33	35	32	8	60	6	8	6	3			7							
	18	10000	41	39	36	28	25	80	7	02	6	7	5	5			6							
	21	10030	40	37	33	28	26	80	6	02	1	6	5	5	0	0	6			27	45	396	009	40
22	00	10081	39	35	28	28	20	80	2	02	1	2	5	5	0	0	6							
	03	10100	39	35	29	28	12	82	3	02	2	3	5	5	0	0	6							
	06	10101	39	35	29	31	14	82	2	02	2	2	5	5	0	0	6							
	09	10099	40	37	32	33	20	84	7	03	2	7	5	5			7							
	12	10078	40	39	38	32	24	82	7	02	5	7	6	5			6							
	15	10060	41	39	36	32	24	74	7	02	5	7	5	5			6							
	18	10057	41	40	39	32	24	66	7	50	2	7	5	5			7							
	21	10051	41	40	39	32	23	56	8	50	5	8	6	3			7			32	36	598	007	42
23	00	10048	41	41	40	32	20	32	8	51	6	8	6	2			7							
	03	10054	41	40	39	30	12	74	5	01	1	5	5	5	0	0	6							
	06	10066	40	37	32	30	16	80	6	02	2	6	5	5	0	0	6							
	09	10077	39	37	34	31	14	84	5	02	1	5	5	5	0	0	6							
	12	10075	40	37	32	31	15	84	7	03	2	7	5	5			6							
	15	10082	40	38	35	31	10	66	6	10	2	6	6	3	0	0	7							
	18	10091	40	39	38	32	11	16	8	10	2	8	6	1			7							
	21	10096	40	39	38	32	14	80	3	20	5	3	6	2	0	0	7			31	28	523	002	40
24	00	10091	40	39	38	32	14	08	8	44	2	8	7	0			7							
	03	10085	39	39	38	32	15	16	2	10	2	2	6	2	0	0	7							
	06	10084	39	39	38	32	12	56	6	50	2	6	6	2			7							
	09	10078	38	38	38	33	13	66	3	10	1	3	6	2	0	0	7							
	12	10057	38	37	35	33	18	74	7	02	5	7	5	5			7							
	15	10042	38	38	36	33	18	74	7	10	2	7	6	3			7							
	18	10029	39	39	39	32	23	48	7	10	2	7	6	2			7							
	21	10018	41	39	37	32	22	56	8	02	2	8	6	3			7			32	32	375	001	41
25	00	10013	40	38	39	27	14	56	8	50	2	8	6	3			6							
	03	10007	40	38	35	31	13	80	3	01	2	3	5	4	0	0	7							
	06	9991	41	40	39	33	19	66	8	02	1	8	8	2			7							
	09	9970	41	41	40	33	25	63	8	60	6	8	6	2			7							
	12	9970	41	40	39	30	18	74	7	02	6	4	5	4	7		6							
	15	9962	41	39	37	30	12	80	6	02	2	2	5	4	3	2	6							
	18	9952	40	38	36	32	07	80	2	01	1	1	5	4	3	0	7							
	21	9931	40	39	38	34	12	66	8	60	6	3	6	4	2		7			33	40	488	000	43
26	00	9886	41	41	41	34	25	66	8	50	6	8	6	2			7							
	03	9849	42	41	40	34	22	66	8	02	5	8	6	2			7							
	06	9809	42	42	41	34	24	66	8	50	5	8	6	2			7							
	09	9806	37	36	34	20	18	66	7	21	6	5	6	2	3		5							
	12	9851	35	34	31	26	14	82	7	85	8	7	2	4			5							
	15	9881	36	34	30	27	14	82	5	26	2	5	2	4	7	0	6							
	18	9888	38	35	30	31	12	82	4	02	2	4	5	5	0	0	6							
	21	9870	38	38	38	36	20	80	8	02	2	8	6	4			7			32	47	486	008	43
27	00	9838	42	41	40	33	28	74	8	60	5	8	6	4			7							
	03	9831	40	39	39	32	26	56	8	63	6	3	6	4	2		7							
	06	9824	42	41	39	32	28	56	8	60	6	3	6	3	2		7							
	09	9838	41	41	40	33	17	63	8	02	6	4	6	2	7		7							
	12	9827	40	39	39	31	18	56	8	61	2	8	6	3			7							
	15	9825	37	37	36	30	09	48	8	61	6	8	6	3			7							
	18	9822	41	40	40	32	16	32	8	20	6	8	6	2			7							
	21	9824	39	39	38	29	18	80	6	02	2	6	6	3			7			33	47	525	025	42

Results of Surface Observations,
MACQUARIE July, 1965

STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St. miles	Points	°F	°F
9831	37	37	35	29	09	80	3	01	2	3	5	4	0	0	7								
9826	39	37	34	30	10	80	2	02	0	2	5	4	0	0	7								
9830	38	35	31	29	11	80	1	02	0	1	5	4	0	0	7								
9841	37	35	29	30	16	82	3	02	0	3	5	5	0	0	6								
9843	38	35	30	30	16	84	3	02	0	3	5	5	0	0	6								
9848	37	33	26	32	12	84	6	03	1	6	5	5	0	0	7								
9854	37	34	29	32	11	82	5	02	2	5	5	5	0	0	7								
9850	37	34	29	36	10	82	3	02	1	3	5	5	0	0	7			30	24	343	035	40	37
9832	37	35	32	36	06	84	2	02	0	2	5	5	0	0	6								
9818	35	33	29	36	04	84	6	03	1	6	5	5			6								
9814	32	31	29	27	20	32	8	72	6	3	6	4	2		6								
9834	36	33	27	29	14	82	3	16	1	3	2	4	0	2	6		6						
9834	36	33	27	30	18	82	5	16	8	5	2	4	0	0	6								
9834	33	33	32	30	20	16	8	86	8	8	9	4			6								
9832	34	32	29	30	08	80	4	26	8	4	8	4	0	0	6								
9842	33	32	31	27	10	56	6	85	8	6	2	5			6			31	41	310	015	37	31
9847	34	33	30	29	08	80	2	01	8	2	2	5			6								
9851	34	33	31	27	18	56	6	87	8	6	2	5			6								
9878	35	32	27	22	08	80	3	02	8	3	2	5			6								
9947	35	33	29	18	14	82	6	26	1	6	2	5			5								
9992	37	34	29	20	16	82	5	85	2	5	2	4			5								
10025	36	34	29	20	10	80	7	03	1	7	4	4			5								
10048	36	34	31	23	12	80	2	01	1	2	2	4			5								
10069	36	35	33	27	17	84	1	02	0	1	2	5			6			27	32	313	010	40	32
10075	39	38	37	27	20	82	7	03	2	7	5	4			6								
10091	40	39	38	27	25	80	8	50	5	8	6	4			6								
10111	39	38	37	28	18	84	6	02	5	6	6	4			6								
10127	39	38	38	29	08	16	8	60	2	8	6	2			6								
10125	40	40	40	28	16	16	8	50	6	8	6	2			6								
10138	40	40	40	26	20	63	8	02	5	8	5	2			6								
10154	39	38	38	27	18	58	8	02	6	8	6	3			6								
10166	39	39	38	26	12	74	8	50	2	8	6	4			6			27	30	363	002	41	35

Results of Surface Observations,
MACQUARIE August, 1965

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	00	10168	41	40	39	30	09	74	8	10	5	8	6	3			9								
	03	10162	41	40	39	31	15	74	8	50	5	8	6	4			7								
	06	10159	40	40	40	32	15	58	8	10	2	8	6	4			7								
	09	10163	41	41	41	32	15	16	8	50	5	8	6	1			7								
	12	10154	42	41	41	32	17	58	7	01	5	7	5	2	5		7								
	15	10150	42	41	41	33	17	66	7	02	2	7	6	2			7								
	18	10151	42	41	41	33	16	54	8	02	2	8	6	2			7								
	21	10143	42	42	42	33	18	58	8	02	2	8	5	5			7			33	28	390	003	43	39
02	00	10136	42	41	40	33	22	80	0	01	0	0	0	9	0	0									
	03	10123	42	42	41	35	25	74	4	80	1	4	2	4			7								
	06	10109	42	42	42	34	22	80	8	02	8	8	5	5			7								
	09	10106	43	42	41	34	25	80	7	02	2	7	5	5			7								
	12	10092	43	43	42	34	30	80	8	02	2	8	5	2			7								
	15	10077	44	43	42	34	30	56	8	02	2	8	5	2			7								
	18	10068	44	43	42	34	29	56	8	50	2	8	6	2			7								
	21	10064	44	43	42	34	30	58	8	02	5	8	6	3			7			34	42	485	001	44	41
03	00	10073	43	43	43	33	25	66	8	10	5	8	6	3			7								
	03	10069	43	43	43	33	24	66	8	10	2	8	6	3			7								
	06	10059	44	44	44	34	30	66	8	10	2	8	6	3			7								
	09	10152	44	44	44	34	30	56	8	50	5	8	6	2			7								
	12	10033	44	44	43	34	31	56	8	02	5	8	5	3			7								
	15	10015	44	44	43	34	36	56	8	02	2	3	5	3	2		7								
	18	10008	44	44	43	34	35	32	8	60	6	3	6	2	2		7								
	21	10031	42	41	40	32	25	58	8	02	6	8	5	5			7			34	52	707	003	45	43
04	00	10054	43	42	41	32	27	74	8	02	2	8	5	7			7								
	03	10097	40	38	35	29	19	82	8	02	2	8	5	5			7								
	06	10131	39	37	34	29	12	84	8	02	2	8	5	5			6								
	09	10165	40	37	32	29	12	84	7	02	2	7	5	5	3		6								
	12	10180	40	37	32	30	08	84	6	02	2	1	5	5	0	6	6								
	15	10194	39	36	31	28	04	84	7	02	2	1	5	5	4	6	6								
	18	10205	39	36	33	34	08	84	8	02	2	2	5	5	2		6								
	21	10209	38	36	34	34	02	82	8	60	6	2	6	3	2		7			32	42	676	004	41	39
05	00	10203	35	35	35	17	09	80	8	61	6	1	6	3	2		4								
	03	10206	37	36	34	15	06	84	2	01	6	2	0	9	3	0									
	06	10206	37	37	37	16	04	58	8	10	2	8	6	3			3								
	09	10211	40	39	39	30	05	16	8	10	5	8	6	2			7								
	12	10195	39	39	38	31	12	16	8	10	2	8	6	2			7								
	15	10188	38	37	37	32	14	16	7	10	2	7	6	1			7								
	18	10177	40	40	40	32	16	16	7	10	5	7	6	1			7								
	21	10157	42	41	40	32	20	58	8	60	6	5	6	2	2		7			34	36	149	017	42	35
06	00	10132	42	42	42	33	25	58	8	10	6	8	6	3			7								
	03	10114	41	41	41	31	24	58	8	60	6	8	5	6			7								
	06	10118	37	36	34	27	15	80	8	02	6	8	5	5			6								
	09	10154	38	34	26	26	20	80	6	03	8	6	8	5			6								
	12	10162	39	35	29	29	24	80	6	02	8	6	8	5			6								
	15	10189	38	35	30	28	25	80	7	16	8	7	8	5			6								
	18	10206	38	34	27	28	24	80	3	01	8	3	2	5			6								
	21	10221	37	34	28	27	20	82	3	02	0	3	2	5			6			27	47	476	006	40	35
07	00	10221	38	35	30	29	17	80	7	03	1	7	8	5			6								
	03	10220	38	35	28	28	15	80	7	02	8	7	8	5			6								
	06	10219	34	33	31	28	08	58	8	85	8	8	2	5			6								
	09	10224	35	34	32	29	05	66	8	68	6	3	6	3	2		6								
	12	10238	35	34	32	17	10	74	8	23	6	2	6	4	2										
	15	10261	35	32	26	15	20	84	2	01	8	2	5	5	0	0	4								
	18	10288	34	30	24	14	15	84	0	02	0	0	9	0	0										
	21	10313	32	30	24	13	12	84	0	02	0	0	9	0	0					15	29	458	010	37	33
08	00	10331	31	29	24	00	00	84	0	02	0	0	9	0	0										
	03	10337	32	30	25	00	00	84	0	02	0	0	9	0	0										
	06	10332	34	32	28	33	13	84	1	02	0	1	5	5	0	0	7								
	09	10321	36	34	30	32	15	84	3	02	0	3	5	5	0	0	6								
	12	10299	38	35	30	32	18	84	6	03	2	6	5	5	0	0	7								
	15	10266	39	37	34	33	17	84	7	50	5	7	5	5			7								
	18	10236	39	38	37	32	15	58	8	50	5	8	5	5			7								
	21	10200	40	40	39	32	12	16	8	50	5	8	6	2			7			32	30	327	005	41	30
09	00	10161	41	40	41	32	16	08	8	50	5	8	6	0			7								
	03	10116	41	40	40	32	13	16	8	60	5	8	6	2			7								
	06	10087	40	40	39	31	13	58	8	21	6	8	6	2			7								
	09	10065	39	38	37	29	19	80	7	02	2	4	8	4	0	6	6								
	12	10075	39	39	38	27	17	58	8	80	2	8	8	4			6								
	15	10083	36	34	30	17	18	84	7	02	8	3	2	4	0	8	4								
	18	10090	35	33	29	15	18	84	7	02	2	7	5	5			3								
	21	10096	35	32	26	14	16	84	7	02	2	7	5	5			3			26	30	438	012	40	38

Results of Surface Observations,
MACQUARIE August, 1965

L ARD HOUR	STATION LEVEL PRESSURE	TEMPERATURES DRY BULB	TEMPERATURES WET BULB	TEMPERATURES DEW POINT	SURFACE WIND DIRECTION	SURFACE WIND 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
00	10092	33	30	24	14	12	82	7	02	2	7	5	5			3								
03	10077	32	30	24	15	16	82	7	02	2	7	5	5			3								
06	10059	31	29	22	00	00	82	7	02	2	7	5	5			3								
09	10041	33	30	24	33	09	84	7	02	2	7	5	5											
12	10000	34	31	25	33	15	84	7	02	2	7	5	5			7								
15	9968	35	33	29	29	25	84	8	26	8	8	8	5			6								
18	9947	36	35	33	31	22	84	3	26	8	3	8	5	0	0	6								
21	9929	38	37	35	30	25	84	6	26	8	6	8	5	0	0	6			30	40	354	000	41	31
00	9918	38	36	34	29	26	84	6	26	8	6	2	5	0	0	6								
03	9887	39	37	33	31	28	82	7	02	2	7	8	5			6								
06	9844	40	39	38	32	35	80	8	02	2	8	5	5			7								
09	9813	41	40	39	32	40	48	8	52	5	8	6	3			7								
12	9800	40	39	38	31	30	58	8	60	6	8	6	3			7								
15	9801	38	37	35	28	28	82	8	27	8	8	8	4			6								
18	9837	33	31	27	28	29	82	6	26	8	6	2	4	0	0	5								
21	9952	32	28	19	26	20	82	6	26	8	6	2	4	0	0	5			26	64	667	006	42	34
00	9977	31	28	19	27	28	74	7	85	8	7	2	4			5								
03	10030	32	28	19	25	22	82	7	02	8	7	2	5			5								
06	10056	35	33	29	27	22	82	7	02	8	7	2	5			5								
09	10072	38	34	26	30	30	84	8	02	2	8	8	5			6								
12	10074	40	37	32	31	30	82	8	02	2	4	8	4	7		6								
15	10077	41	39	36	31	28	74	8	10	2	8	6	4			7								
18	10105	41	40	39	31	28	66	8	10	2	8	6	3			6								
21	10125	41	40	39	31	26	66	8	20	5	8	6	3			7			27	48	645	012	41	29
00	10140	41	40	39	31	26	66	8	02	2	8	6	3			7								
03	10156	40	40	39	31	22	66	8	02	2	8	6	3			7								
06	10169	40	40	40	31	18	16	8	50	2	8	6	2			7								
09	10183	40	40	40	32	22	16	8	10	2	8	6	1			7								
12	10185	41	40	39	33	16	10	8	45	4	8	6	1			7								
15	10178	41	40	39	33	15	80	6	01	4	6	5	4	0	0	7								
18	10174	41	40	39	34	14	80	6	02	2	6	5	4	0	0	7								
21	10168	42	40	38	34	18	80	8	02	7	8	5	5			7			30	36	671	000	43	40
00	10144	42	40	38	35	20	82	6	02	1	6	5	5	0	0	7								
03	10116	42	41	40	35	20	82	7	02	2	7	5	5			7								
06	10094	42	41	40	35	22	82	7	02	2	7	5	5			7								
09	10074	43	42	41	35	25	61	8	10	5	8	6	3			7								
12	10041	43	42	41	35	25	32	8	61	6	8	6	2			7								
15	10019	43	42	41	34	25	32	8	51	6	8	6	2			7								
18	10027	41	41	40	32	20	32	8	50	5	8	6	2			7								
21	10043	41	40	39	30	21	58	8	02	2	8	6	3			7			35	39	494	001	43	41
00	10063	39	38	37	29	24	66	8	02	2	8	5	4			7								
03	10095	36	34	33	24	06	80	8	02	2	8	5	4			6								
06	10118	34	33	31	18	14	56	7	85	2	7	2	5			5								
09	10152	35	33	30	17	18	32	8	85	8	8	2	4			4								
12	10171	34	32	28	16	16	82	8	15	8	8	8	4			4								
15	10185	33	31	27	18	14	82	7	15	2	7	8	5			4								
18	10202	32	29	23	18	08	82	7	02	2	7	2	5			4								
21	10217	31	30	28	18	02	82	7	02	2	7	2	5			4			28	29	509	011	35	34
00	10228	30	29	27	18	08	82	7	02	2	7	2	5			4								
03	10219	31	29	24	18	06	82	7	02	2	7	2	5			4								
06	10220	32	30	26	18	04	82	6	02	2	6	2	5			4								
09	10227	33	31	29	18	04	82	7	16	2	5	2	5	3		4								
12	10218	35	32	27	21	05	82	7	26	2	5	2	5	3		4								
15	10215	34	33	31	23	04	82	5	85	8	4	2	5	3		5								
18	10211	34	32	29	23	07	82	1	01	8	1	2	5	0	0	5								
21	10212	33	32	30	00	00	82	5	03	8	5	2	5	0	0	4			18	15	268	001	36	29
00	10202	33	32	30	00	00	82	5	02	2	2	2	5	4	0	4								
03	10199	34	33	31	00	00	82	7	02	2	7	2	5			4								
06	10186	33	32	30	20	02	82	5	02	8	5	2	5	0	0	4								
09	10186	35	35	33	14	06	66	7	25	2	7	2	4			4								
12	10174	35	35	34	14	03	80	5	15	2	5	2	4	0	0	4								
15	10170	36	35	34	16	06	74	6	02	2	6	6	2	0	0	4								
18	10167	35	34	33	16	12	80	3	01	2	3	6	2	0	0	4								
21	10168	34	34	33	16	10	65	8	50	2	8	6	2			4			16	22	077	001	36	31
00	10158	34	34	33	15	18	80	4	01	5	4	2	5	0	0	3								
03	10146	35	34	33	15	16	80	5	03	1	2	2	5	4	0	3								
06	10140	34	33	33	15	18	80	7	50	2	7	6	2			3								
09	10143	33	33	33	16	20	66	7	20	5	7	6	2			3								
12	10127	34	34	33	16	18	80	6	02	2	6	6	2	0	0	3								
15	10114	34	33	31	15	22	80	7	02	2	7	5	4			3								
18	10113	33	32	30	14	22	80	7	02	2	7	5	4			3								
21	10111	33	32	30	14	20	80	7	02	2	7	5	4			3			14	31	387	001	35	33

Results of Surface Observations,
MACQUARIE August, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATU	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	
19	00	10108	33	32	30	14	21	80	2	01	8	2	2	5	0	0	3								
	03	10104	33	32	30	14	18	80	2	85	8	2	2	5	0	0	3								
	06	10104	33	32	30	14	20	80	6	02	8	6	2	5	0	0	3								
	09	10110	34	32	29	13	22	80	7	26	8	7	2	4			3								
	12	10103	34	33	31	13	20	48	7	85	8	7	2	4			3								
	15	10097	34	32	29	13	20	74	7	85	8	7	2	4			3								
	18	10101	34	33	30	13	22	80	5	26	8	5	2	4	0	0	3								
	21	10107	35	34	31	12	19	80	4	02	8	4	2	4	0	0	3			13	29	626	002	37	3
20	00	10104	35	34	32	12	19	80	4	02	8	4	2	4			3								
	03	10103	35	34	32	12	20	80	7	02	2	7	2	4			3								
	06	10108	36	35	33	12	20	32	6	85	8	6	2	4			3								
	09	10114	36	35	31	13	22	74	7	85	8	7	2	4			3								
	12	10113	36	34	30	13	21	80	7	15	2	7	2	4			3								
	15	10118	35	34	31	14	21	80	6	26	2	6	8	4			3								
	18	10133	35	33	29	12	18	80	6	26	8	6	2	4			3								
	21	10140	35	33	29	13	19	80	6	26	8	6	2	5			3			13	30	580	003	37	3
21	00	10146	34	33	31	13	15	84	2	26	8	2	2	5			3								
	03	10148	33	32	29	13	10	84	3	02	8	3	2	5			3								
	06	10153	33	32	30	16	06	84	5	85	8	5	2	4			3								
	09	10162	32	31	29	23	02	84	7	26	8	7	2	4			4								
	12	10146	34	32	28	30	05	84	6	15	2	6	8	4			6								
	15	10141	33	32	30	26	09	84	7	26	2	7	2	4			6								
	18	10133	34	32	30	26	12	84	4	26	8	3	2	4	3		6	6							
	21	10132	34	33	31	27	12	84	4	26	8	4	2	4			6			27	29	460	001	36	3
22	00	10124	35	33	30	23	06	84	2	26	8	2	2	5			6								
	03	10121	35	33	29	27	10	84	2	02	8	2	2	5			6								
	06	10125	34	33	31	23	08	80	6	80	8	6	2	4			5								
	09	10136	34	33	31			80	5	25	8	5	2	4			5								
	12	10125	36	35	33	25	10	56	5	10	1	5	2	1			5								
	15	10118	35	34	33	25	20	58	4	10	1	4	2	1			5								
	18	10123	35	35	34	27	20	56	6	10	1	6	6	1			5								
	21	10119	35	35	35	26	25	48	8	10	2	8	6	2			6			27	44	192	004	36	3
23	00	10126	35	34	32	26	10	58	8	10	2	8	6	3			5								
	03	10121	34	33	30	27	20	84	0	02	0	0	0	9	0	0									
	06	10129	34	33	31	24	08	84	6	03	2	6	6	4			5								
	09	10137	35	33	30	24	14	84	3	02	1	3	5	4			5								
	12	10132	36	35	33	00	00	80	6	02	2	6	5	4			5								
	15	10131	35	34	32	26	04	80	6	02	2	6	5	4			6								
	18	10134	35	34	33	28	10	80	7	02	2	7	5	4			5								
	21	10133	36	35	33	28	12	80	6	02	2	6	6	3			6			27	34	340	000	39	3
24	00	10131	37	35	32	30	15	82	8	02	2	8	6	4			6								
	03	10127	36	34	30	30	18	82	8	02	2	8	5	4			6								
	06	10125	36	35	33	31	15	82	6	25	8	6	8	5			7								
	09	10122	39	37	34	34	20	82	1	01	0	1	5	4			7								
	12	10108	40	39	37	34	22	82	7	03	1	7	5	4			7								
	15	10104	41	39	36	34	24	82	4	03	0	1	5	5	4		7								
	18	10100	41	39	37	34	24	82	6	02	1	2	5	5	4		7								
	21	10094	41	40	39	33	25	82	8	02	2	8	5	5			7			34	36	304	000	42	3
25	00	10094	41	40	39	34	25	80	8	02	2	8	5	5			7								
	03	10089	41	40	39	33	25	80	8	02	2	8	5	5			7								
	06	10089	41	40	39	34	25	82	4	03	1	3	0	9	3			6							
	09	10086	42	40	38	34	27	80	8	02	2	3	6	4	2		7								
	12	10079	42	41	40	34	26	80	7	02	2	5	5	4	2		7								
	15	10074	42	41	40	34	30	80	8	02	2	3	6	3	2		7								
	18	10062	43	42	40	34	31	56	8	60	2	3	6	3	2		7								
	21	10053	42	42	41	35	30	48	8	50	2	8	6	3			7			34	49	617	000	45	4
26	00	9996	43	43	43	34	35	32	8	10	5	8	6	2			7								
	03	9939	44	43	42	34	40	16	8	61	6	4	6	2	2		7								
	06	9955	43	41	38	30	38	82	4	01	6	4	2	5			6								
	09	10010	42	40	37	31	32	80	5	03	8	4	2	4	4		6								
	12	10037	43	41	38	32	24	80	3	02	1	1	2	5	4		6								
	15	10047	42	41	40	33	22	66	7	02	2	4	5	4	4		7								
	18	10056	42	41	40	32	20	56	8	60	2	8	6	3			7								
	21	10065	42	42	42	32	22	48	8	50	5	8	6	3			7			34	60	810	013	44	4
27	00	10058	42	41	40	34	20	58	8	10	2	4	6	2	7		7								
	03	10036	42	42	42	32	25	48	8	10	2	8	6	2			7								
	06	10007	43	43	43	33	32	32	8	10	2	8	6	2			7								
	09	9988	44	43	43	32	36	32	8	60	6	8	6	2			7								
	12	10012	43	42	40	30	35	56	8	02	6	3	5	4	2		6								
	15	10048	41	38	34	27	24	66	7	02	2	7	2	4			6								
	18	10084	39	36	31	26	19	80	7	02	2	7	5	4			6								
	21	10118	39	35	28	26	15	84	4	02	1	4	5	5			6			33	49	653	002	44	

Results of Surface Observations,
MACQUARIE August, 1965

LOCAL STANDARD TIME DAY	LOCAL STANDARD TIME HOUR	STATION LEVEL PRESSURE	TEMPERATURES DRY BULB	TEMPERATURES WET BULB	TEMPERATURES DEW POINT	SURFACE WIND DIRECTION	SURFACE WIND 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
8	00	10128	38	35	30	27	18	84	1	02	1	1	0	9	3	0									
	03	10135	39	37	34	29	14	84	7	03	2	7	5	5			6								
	06	10131	39	37	34	32	20	84	7	02	2	7	5	5			7								
	09	10112	40	38	36	34	22	80	7	02	2	3	5	5	2		7								
	12	10069	41	40	38	34	28	80	8	02	2	1	5	5	7		7								
	15	9992	42	41	40	34	33	56	8	62	2	3	6	4	2		7								
	18	9949	42	42	40	32	30	56	8	60	6	3	6	4	2		7								
	21	9939	42	42	41	32	32	66	8	10	6	8	6	4			7			33	51	537	001	43	38
9	00	9929	42	41	40	31	26	80	3	01	1	3	6	4	0	0	7								
	03	9915	42	40	38	31	26	80	4	02	2	4	6	4	0	0	7								
	06	9903	42	40	37	31	28	80	8	03	1	8	6	4			7								
	09	9915	41	38	33	30	22	84	6	02	8	6	8	5	0	0	6								
	12	9906	39	37	34	29	22	84	8	02	8	8	8	5			6								
	15	9896	39	35	28	29	24	84	5	02	1	4	2	5	0	1	6								
	18	9899	39	35	28	29	25	84	4	02	1	2	5	5	0	8	6								
	21	9901	34	33	31	27	22	84	4	26	1	4	2	5	0	0	6			30	48	708	010	41	39
0	00	9898	34	33	31	28	24	84	2	26	8	2	2	5	0	0	6								
	03	9880	37	34	29	29	28	84	6	03	0	6	2	5	0	0	6								
	06	9830	37	36	34	31	34	48	8	61	1	4	6	4	2		7								
	09	9752	40	39	38	32	40	48	8	60	6	5	6	3	2		7								
	12	9766	35	34	32	27	38	74	5	87	8	5	3	4	0	0	6								
	15	9767	36	35	33	27	35	82	7	27	8	6	8	5	4		6								
	18	9775	35	34	33	27	34	82	3	27	8	3	2	5	0	0	6								
	21	9781	37	34	28	28	30	82	4	02	8	4	2	5	0	0	6			31	70	533	010	41	33
1	00	9815	37	34	28	27	32	80	7	26	8	7	2	5			6								
	03	9861	36	34	28	26	24	80	3	01	1	3	2	5	0	0	6								
	06	9932	36	33	27	24	16	82	5	87	0	5	2	5	0	0	6								
	09	9981	38	35	30	28	28	82	6	15	8	6	8	5	0	0	6								
	12	10010	38	35	30	28	27	84	8	02	2	8	5	5			6								
	15	10017	39	36	31	29	26	84	7	03	2	2	5	5	7		6								
	18	10005	41	40	40	31	25	58	8	10	2	8	6	3			7								
	21	10002	41	41	41	31	26	58	8	60	6	8	6	3			7			27	63	762	012	43	34

Results of Surface Observations,

MACQUARIE September, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTR TEMPER
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F
01	00	9995	41	41	40	31	25	74	8	02	6	2	6	3	2		7	6						
	03	9981	41	41	41	31	28	58	8	60	2	4	6	3	2		7	6						
	06	9955	42	41	41	32	27	48	8	60	6	8	6	2			7							
	09	9937	43	42	41	32	30	48	8	60	6	8	6	2			7							
	12	9921	43	43	42	32	27	48	8	10	6	8	6	2			7							
	15	9905	44	43	42	32	28	74	8	10	2	8	0	9	7									
	18	9870	44	43	42	33	35	74	7	10	2	1	6	3	7		7							
	21	9825	44	43	43	33	36	48	8	62	2	8	6	2			7			32	51	700	003	44
02	00	9790	44	44	44	33	34	37	8	60	6	8	6	2			7							
	03	9747	44	44	44	33	34	32	8	60	6	8	6	2			7							
	06	9734	43	43	43	33	25	58	8	10	6	4	6	2	2		7							
	09	9831	33	32	30	18	35	32	8	85	8	8	2	4			4							
	12	9947	34	33	32	23	15	84	5	01	8	4	8	5	0	1	4							
	15	10017	34	32	28	27	30	84	7	02	8	7	5	5			5							
	18	10038	37	35	32	30	20	84	7	02	2	7	5	5			5							
	21	10032	40	38	35	31	30	74	8	02	2	8	5	4			7			18	60	855	019	42
03	00	10030	41	41	40	31	26	32	8	50	8	8	6	2			7							
	03	10037	42	41	41	31	24	58	8	10	5	8	6	2			7							
	06	10060	39	38	37	27	18	66	8	21	6	8	6	3			6							
	09	10071	40	39	39	30	13	58	7	10	5	5	6	3	7		6							
	12	10066	42	41	40	31	20	74	7	25	8	5	2	5	7		6							
	15	10045	42	41	40	32	29	74	8	10	2	8	6	3			7							
	18	10026	42	41	40	32	38	74	8	02	2	8	6	4			7							
	21	10086	39	37	34	27	22	80	6	02	8	6	8	4	0	0	6			27	56		010	43
04	00	10122	39	35	29	27	25	80	2	01	1	2	2	5	0	0	6							
	03	10137	39	36	32	28	18	80	2	01	0	2	2	5	0	0	6							
	06	10144	39	37	33	29	10	82	4	03	0	4	8	5	0	0	6							
	09	10139	39	38	37	33	13	66	8	15	8	8	6	4			6							
	12	10120	42	41	40	32	25	66	8	21	6	6	6	3	7		7							
	15	10106	42	41	40	32	29	74	7	02	2	6	5	5	4		6							
	18	10095	42	41	40	32	25	66	7	10	2	7	6	3			6							
	21	10088	42	42	41	31	25	32	8	50	5	8	6	2			7			32	40	483	005	43
05	00	10071	42	42	41	31	26	66	3	01	5	3	6	2	0	0	7							
	03	10068	42	42	41	31	24	80	6	02	2	6	5	4			7							
	06	10071	42	42	41	31	18	32	8	50	2	8	6	1			7							
	09	10075	42	42	42	32	15	08	8	45	4	8	6	0			7							
	12	10071	42	42	42	33	10	08	8	45	4	8	6	0			7							
	15	10063	41	41	41	33	10	03	8	45	4	8	6	0			7							
	18	10058	40	40	40	34	09	16	7	28	4	7	6	0	3		7							
	21	10045	40	40	40	33	05	06	8	45	4	8	6	0			7			32	41	558	003	43
06	00	10001	41	41	40	34	08	06	8	45	4	8	6	0			7							
	03	9953	41	41	41	34	08	10	8	50	5	8	6	1			8							
	06	9885	42	42	42	36	12	16	8	63	6	8	6	2			8							
	09	9871	42	42	42	29	16	16	7	21	6	6	6	2	7		7							
	12	9900	42	41	40	30	22	66	6	02	2	8	5	3			6							
	15	9931	40	38	34	29	18	80	6	16	2	6	8	4	0	2	6							
	18	9961	38	36	32	28	30	82	6	01	8	4	2	4	0	0	6							
	21	9997	35	33	29	27	28	80	6	87	8	6	2	5	0	0	6			27	57	282	034	42
07	00	10030	33	32	31	27	34	66	6	87	8	7	8	4			6							
	03	10065	35	33	29	27	32	80	7	27	8	7	2	5			6							
	06	10103	37	33	25	27	30	80	7	02	8	7	5	5			6							
	09	10152	39	36	31	28	35	80	6	02	2	6	5	5	0	0	6							
	12	10147	40	37	31	28	28	82	6	02	2	6	5	5	0	0	6							
	15	10151	41	39	35	30	28	82	5	02	2	1	5	5	4	8	6							
	18	10160	41	39	38	30	24	82	2	02	1	1	5	5	4	0	6							
	21	10173	41	40	39	30	17	80	1	02	0	1	5	5	0	0	7			27	57	523	003	42
08	00	10177	41	40	39	31	17	80	2	02	0	0	0	9	3	0		6						
	03	10182	41	40	40	31	15	80	1	02	0	1	6	3	0	0	7							
	06	10188	41	40	39	32	11	80	7	20	0	6	5	5	4		7							
	09	10196	41	41	40	34	15	82	6	02	2	2	6	4	3	0	7	6						
	12	10193	42	41	40	34	13	82	7	02	2	1	6	3	3	8	7	6						
	15	10180	42	41	40	34	16	82	7	02	2	4	5	3	3	2	7							
	18	10177	40	40	39	36	08	82	6	02	2	2	5	3	3	2	8							
	21	10171	40	40	39	36	10	80	7	02	2	7	5	5			8			35	29	444	000	43
09	00	10145	41	40	40	36	14	56	8	60	2	8	6	3			8							
	03	10110	42	41	41	36	14	56	8	63	6	4	6	3	2		8							
	06	10080	42	41	41	04	04	32	8	02	6	8	6	1			8							
	09	10075	43	43	43	00	00	03	8	45	4	8	6	0										
	12	10071	42	42	42	33	04	32	8	28	4	8	6	0			7							
	15	10073	41	41	41	31	12	16	7	10	2	7	2	0			7							
	18	10090	40	40	40	31	13	03	8	45	4	8	6	0			7							
	21	10010	41	40	40	31	15	04	8	45	4	8	6	0			7			32	32	276	013	43

Results of Surface Observations,
MACQUARIE September, 1965

AL ARD E	HOUR	STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
			DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
00		10098	41	40	40	31	24	74	7	02	4	7	5	5			7								
03		10097	41	41	41	32	22	66	8	02	2	8	6	3			7								
06		10093	41	41	41	32	24	56	8	02	2	8	6	3			7								
09		10095	42	42	42	33	22	16	8	50	2	8	6	2			7								
12		10094	42	42	42	32	20	16	8	50	6	8	6	2			7								
15		10105	41	41	41	31	08	74	7	03	6	4	5	3	3		7								
18		10120	41	41	40	30	11	74	8	02	2	8	5	3			7								
21		10123	41	41	40	30	13	80	8	02	2	5	5	5	3		7			34	36	592	000	42	39
00		10145	38	36	33	27	10	84	2	01	8	2	8	4			6								
03		10154	37	35	32	27	15	84	2	02	0	2	2	5			6								
06		10169	36	33	27	27	13	84	2	02	0	2	8	5			6								
09		10176	38	35	30	28	17	84	3	02	8	3	2	5			6								
12		10173	40	37	31	30	17	84	3	02	2	2	2	5	3		6								
15		10165	37	36	34	31	18	84	3	27	2	3	2	5	3		6								
18		10156	39	36	31	31	19	84	5	25	2	5	2	5											
21		10145	39	35	28	31	23	84	2	01	0	2	5	5						32	38	305	004	41	33
00		10116	39	37	34	32	25	74	5	80	8	5	2	4											
03		10087	39	37	34	32	25	82	3	02	8	3	2	5											
06		10058	39	36	31	32	25	82	7	02	2	7	5	5											
09		10036	39	37	32	32	20	80	7	02	2	6	5	5	0	4									
12		10008	38	37	36	31	15	80	7	25	8	5	8	5	3	1									
15		9971	41	39	35	31	16	82	6	02	2	1	5	5	4	1									
18		9961	40	39	36	30	17	82	7	02	2	2	2	5	4	6									
21		9968	35	34	32	24	17	74	8	80	8	8	8	5						32	42	495	001	42	38
00		9995	35	32	26	24	14	84	2	02	8	2	8	5											
03		10022	35	32	26	27	13	84	2	02	0	2	2	5											
06		10050	35	32	26	25	07	84	3	16	0	3	8	5											
09		10080	37	33	23	27	18	84	6	03	1	6	5	5											
12		10086	40	35	29	30	24	84	6	02	2	6	5	5											
15		10085	40	38	35	30	28	82	7	02	2	6	5	5	4										
18		10065	40	38	34	31	30	80	8	02	2	8	5	5											
21		10089	41	39	36	31	28	82	8	02	2	8	5	5						32	44	303	005	42	33
00		10097	41	40	39	30	29	80	7	02	8	7	6	3											
03		10104	40	39	38	30	24	66	8	80	8	8	8	5											
06		10112	41	40	39	31	20	80	8	16	8	8	8	4											
09		10116	42	41	40	32	25	76	8	02	2	8	6	4											
12		10119	41	41	40	31	22	76	8	02	2	6	5	4	2										
15		10116	42	41	39	31	22	80	6	01	2	4	5	4	7										
18		10110	40	40	39	31	22	80	6	02	2	4	5	4	7										
21		10101	41	39	36	32	22	82	7	02	2	7	5	5						32	35	521	005	42	39
00		10078	41	39	36	32	24	82	7	02	2	7	5	5											
03		10049	40	38	35	33	22	82	7	02	2	7	5	6											
06		10029	40	38	35	33	22	84	7	02	2	7	5	6											
09		10014	41	40	39	34	22	82	6	02	2	5	5	5	7										
12		9984	42	40	38	33	20	82	3	01	1	2	8	4	7										
15		9958	41	39	37	32	18	82	5	03	0	5	5	6											
18		9942	39	39	38	32	09	82	4	01	1	3	5	6	4										
21		9935	40	39	38	31	10	84	6	03	2	2	5	5	0	6				32	32	540	000	43	40
00		9940	37	37	36	18	15	84	7	25	8	3	8	5	0	8	5								
03		9959	36	34	30	16	15	84	7	02	2	7	5	5			4								
06		9978	35	32	26	17	12	84	7	02	2	7	5	6			5								
09		9992	36	32	24	12	08	84	6	03	1	3	5	5	4	2	5								
12		9985	36	32	24	10	10	84	7	02	2	7	5	5			2								
15		9959	38	37	36	08	09	80	8	02	2	8	5	5			2		1						
18		9932	40	39	38	36	04	80	6	02	2	5	5	5	4		8								
21		9899	41	40	39	36	04	82	7	02	2	7	5	5			8			36	29	306	001	42	35
00		9850	41	39	37	36	04	66	8	61	6	8	6	4			8								
03		9774	41	40	39	36	04	58	8	61	6	8	6	3			8								
06		9732	41	41	41	36	04	16	8	21	6	8	6	2			8								
09		9696	41	41	41	34	04	06	8	45	4	8	6	0			8								
12		9669	42	41	41	36	07	66	8	02	4	8	5	5			8								
15		9643	42	41	41	36	10	10	8	45	6	8	6	0			8								
18		9641	41	41	40	33	16	32	8	50	5	5	5	1	2		7								
21		9664	40	40	40	32	19	66	8	02	2	8	5	3			7			36	32	208	011	42	38
00		9681	40	40	40	32	17	16	8	50	6	8	6	2			7								
03		9708	38	38	38	27	12	32	8	60	6	8	6	2			6								
06		9771	33	33	32	25	12	32	8	70	6	8	6	3			6								
09		9818	31	29	26	28	20	80	8	02	7	8	5	5			6								
12		9846	32	30	26	28	16	80	8	02	2	8	5	5			6								
15		9853	33	32	30	28	06	80	7	02	2	7	5	5			6								
18		9833	34	32	28	36	07	80	6	01	2	5	5	5	3		7								
21		9800	34	33	33	36	03	16	8	71	7	8	5	5			8			24	41	346	025	38	32

Results of Surface Observations,
MACQUARIE September, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATUR	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	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	00	9793	37	36	35	28	18	80	2	01	7	2	5	5	0	0	6								
	03	9834	37	36	34	28	20	82	3	02	2	3	5	5	0	0	6								
	06	9858	37	36	34	28	25	66	7	80	1	7	2	4			6								
	09	9900	38	35	30	28	30	82	7	02	8	7	8	5			6								
	12	9937	38	35	30	28	28	84	7	02	2	7	5	5			5								
	15	9974	39	37	34	27	22	84	2	01	1	2	5	5	0	0	5								
	18	9993	39	38	37	30	10	80	3	02	1	3	0	9	4	0									
	21	9987	39	39	39	33	16	08	8	50	1	8	6	0			7			28	50	325	017	42	3
20	00	9988	41	41	41	31	20	16	8	02	5	8	6	2			7								
	03	9990	40	40	40	31	19	08	8	45	4	8	6	0			7								
	06	9989	41	41	41	32	23	16	8	10	4	8	6	1			7								
	09	9985	41	41	41	32	27	48	8	10	2	8	6	3			7								
	12	9990	42	41	40	32	25	48	8	10	5	8	6	2			7								
	15	10005	42	41	40	31	19	48	8	10	5	8	6	2			7								
	18	10027	40	40	39	27	16	58	8	10	2	8	5	4			6								
	21	10044	39	39	38	30	07	58	8	10	2	8	5	3			6			32	36	462	001	43	3
21	00	10043	40	40	40	32	08	01	8	45	4	8	6	0			7								
	03	10015	41	41	41	33	15	03	8	50	4	8	6	0			7								
	06	9994	41	41	41	33	20	06	8	45	4	8	6	0			7								
	09	9973	42	42	41	32	28	74	8	02	5	1	6	3	7		7								
	12	9947	43	42	41	32	25	80	8	03	2	1	5	4	7	7	7								
	15	9920	42	42	42	33	26	32	8	61	6	4	6	2	2		7								
	18	9911	41	41	41	32	22	48	8	10	6	8	6	3			7								
	21	9927	39	38	37	30	18	80	2	01	1	2	5	4	0	0	7			33	40	410	001	44	3
22	00	9927	39	37	36	30	13	82	1	02	0	1	5	5	0	0	7								
	03	9914	38	37	35	31	08	82	3	02	0	3	5	5	0	0	7								
	06	9889	39	37	35	33	18	80	8	03	1	6	5	5	2		7								
	09	9851	40	38	35	34	22	80	8	02	2	4	5	5	7		7								
	12	9813	42	40	37	33	20	84	3	03	6	2	5	5	0	2	6								
	15	9785	41	38	32	31	28	84	6	16	8	5	8	5	0	2	6								
	18	9773	38	37	35	30	31	74	6	25	8	6	8	4	0	0	6								
	21	9786	36	35	33	28	32	74	7	80	8	7	2	4			6			27	55	447	005	43	3
23	00	9807	37	34	30	28	36	82	8	02	8	8	8	4			6								
	03	9821	36	34	30	28	30	82	8	02	2	8	5	5			6								
	06	9832	36	34	29	28	28	82	7	02	2	7	5	5			6								
	09	9838	38	34	26	27	25	84	5	02	2	5	8	5	0	0	6								
	12	9841	38	35	30	27	15	84	5	02	1	4	2	5	3	0	6								
	15	9847	37	33	25	27	14	84	5	02	1	5	5	5	0	0	6								
	18	9864	35	32	26	25	05	84	7	03	2	7	5	5			6								
	21	9882	35	32	26	27	08	84	7	02	2	7	5	5			6			28	48	593	007	40	3
24	00	9896	34	31	25	23	03	84	7	02	2	7	5	5			6								
	03	9904	33	31	27	00	00	84	7	02	2	7	5	5			6								
	06	9930	34	32	28	28	03	32	8	70	2	8	6	4			6								
	09	9967	34	33	31			84	4	25	8	3	8	4	0	1	5								
	12	9998	38	34	26	24	10	84	3	02	1	3	2	5	0	0	5								
	15	10023	36	32	24	27	10	84	2	02	8	2	2	5	0	0	5								
	18	10041	35	32	26	28	08	84	3	02	0	2	5	5	0	5	5								
	21	10043	37	34	29	31	10	84	6	03	1	6	2	5	0	0	6			28	46	176	002	39	3
25	00	10028	37	34	29	34	15	82	3	02	2	3	5	5	0	0	7								
	03	9995	37	35	31	35	22	82	5	02	2	5	5	5	0	0	8								
	06	9947	38	35	30	36	28	80	8	02	2	4	5	5	2		8								
	09	9880	37	36	34	36	32	48	8	61	6	4	7	3	2		8								
	12	9799	39	39	38	36	33	56	8	60	6	5	6	3	2		8								
	15	9806	40	38	35	30	30	66	7	25	8	5	8	4	2		6								
	18	9838	38	35	30	27	30	82	7	02	8	7	4	5			6								
	21	9866	37	36	33	29	33	80	4	02	2	4	5	5	0	0	7			36	71	343	004	41	3
26	00	9908	38	35	31	27	28	80	2	02	1	2	5	5	0	0	6								
	03	9944	38	35	30	27	24	80	3	02	1	3	5	5	0	0	6								
	06	9971	38	36	33	28	12	80	3	02	1	2	5	5	0	0	6								
	09	9967	40	37	35	32	16	84	5	03	0	1	5	5	3	2	7								
	12	9934	41	39	36	35	17	82	7	03	1	7	0	9	7			7							
	15	9886	41	41	40	35	25	32	8	60	5	5	6	3	2		8								
	18	9836	41	41	41	34	26	32	8	63	6	5	6	3	2		8								
	21	9816	40	39	38	31	17	32	8	61	6	4	6	2	2		7			26	50	554	009	42	3
27	00	9800	40	39	38	32	16	56	8	02	6	6	6	2	2		7								
	03	9793	39	38	38	32	18	66	3	02	1	3	2	5	0	0	7								
	06	9800	39	37	35	31	16	80	3	02	0	3	8	5	0	0	7								
	09	9819	39	37	35	30	22	80	6	16	1	6	2	4	0	0	6								
	12	9828	40	38	37	30	15	84	4	02	2	4	2	4	0	0	6								
	15	9834	40	38	35	32	14	84	2	02	0	1	2	4	4	0	7								
	18	9825	39	37	35	32	18	84	2	02	0	1	2	4	4	0	7								
	21	9799	39	38	37	34	15	82	8	02	0	3	5	5	0	0	7			36	47	472	019	42	3

Results of Surface Observations,
MACQUARIE September, 1965

AL ARD E HOUR	STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
	mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
00	9743	41	40	39	36	25	32	8	63	6	8	6	3			8								
03	9705	38	38	38	30	08	56	8	60	6	8	6	3			7								
06	9692	39	39	39	33	06	66	8	02	2	5	6	3	2		7								
09	9683	40	40	39	31	10	80	6	01	1	1	6	4	2	0	7								
12	9673	42	41	39	31	12	84	4	02	2	2	5	4	3	2	7								
15	9675	37	36	36	28	14	48	8	63	2	5	6	4	2		6								
18	9695	36	35	34	28	08	66	7	26	8	7	8	3			6								
21	9722	36	34	31	27	16	74	6	02	8	6	2	5			6			36	40	350	012	43	37
00	9742	36	32	26	27	18	80	7	27	8	7	2	5			6								
03	9755	35	33	30	27	12	80	5	02	2	5	2	5	0	0	6								
06	9764	35	33	31	28	18	80	4	27	8	3	9	5	3	0	6								
09	9776	33	33	33	28	20	16	8	85	8	8	9	4			6								
12	9783	38	36	32	27	23	82	4	15	8	3	2	4	3	0	6								
15	9802	33	33	33	26	14	16	8	85	8	8	9	4			6								
18	9817	35	32	27	27	14	80	4	26	8	3	2	4	3	0	6								
21	9823	34	31	26	28	08	80	2	01	8	2	2	5	0	0	6			28	38	313	024	39	33
00	9826	33	31	28	26	04	80	3	02	8	3	2	5	0	0	6								
03	9824	32	31	29	32	10	56	5	87	8	5	2	5	0	0	7								
06	9817	34	31	27	32	12	80	3	02	1	3	8	4	0	0	7								
09	9793	37	33	26	36	15	82	8	03	1	5	5	5	1		8								
12	9764	36	34	30	32	18	82	6	26	8	5	2	5	3	0	7								
15	9731	34	33	31	33	26	80	7	27	8	7	2	4			7								
18	9737	34	32	28	31	25	82	3	26	8	3	2	4	0	0	7								
21	9716	34	33	31	34	18	80	4	26	8	5	2	5	0	0	7			32	49	303	008	39	30

Results of Surface Observations,
MACQUARIE October, 1965

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 C_L	BASE h	MIDDLE CLOUD C_M	HIGH CLOUD C_H	LOW D_L	MIDDLE D_M	HIGH D_H	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas								° × 10	kt	St.miles	Points	°F	°F
01	00	9727	33	32	29	27	20	58	5	85	8	5	2	5			6								
	03	9760	34	32	28	28	30	74	6	02	2	6	2	5			6								
	06	9783	32	31	29	28	14	74	7	02	2	7	5	5			6								
	09	9798	33	30	23	26	14	82	3	01	8	3	5	5			6								
	12	9802	36	35	33	26	04	84	3	02	0	2	5	5	0	2	6								
	15	9795	36	31	20	27	08	84	4	02	0	4	5	5			6								
	18	9798	33	30	24	25	03	84	3	02	0	3	2	5			6								
	21	9799	32	30	26	21	02	84	4	02	0	4	2	5			5			27	41	486	008	37	30
02	00	9795	31	28	22	21	03	84	2	02	0	2	5	5			5								
	03	9793	31	28	22	21	02	84	1	01	0	1	5	5			5								
	06	9792	32	29	23	22	02	84	1	01	0	1	2	5			5								
	09	9794	36	31	20	29	04	84	4	02	0	2	8	5	3	2	6								
	12	9783	36	33	24	30	05	84	5	03	0	5	8	5	3		7								
	15	9771	33	32	29	33	02	84	6	26	1	3	2	5	3	2	7								
	18	9761	34	32	27	32	07	84	6	02	0	1	2	5	3	2	7								
	21	9758	34	32	28	33	05	82	8	03	2	7	5	6	3	4				27	14	140	000	38	30
03	00	9727	34	32	28	00	00	82	8	70	7	8	0	9	7										
	03	9702	34	32	29	13	12	80	8	70	7	8	0	9	7										
	06	9693	34	33	31	14	19	80	8	70	7	3	8	5	7		3								
	09	9711	34	32	27	16	30	74	7	85	8	7	8	4			3								
	12	9721	34	32	28	17	24	74	7	02	2	7	5	5			4								
	15	9741	33	31	28	18	12	74	7	02	2	7	8	5			4								
	18	9766	32	30	27	18	14	74	6	02	2	6	5	5			4								
	21	9789	30	29	27	24	15	58	6	85	8	6	2	4			5			15	39	154	003	35	33
04	00	9810	31	29	26	20	09	84	4	26	8	4	2	4			5								
	03	9836	29	28	26	20	10	84	3	02	8	3	2	4			5								
	06	9860	28	26	22	24	14	74	7	26	8	7	2	4			5								
	09	9884	31	28	22	28	18	66	8	26	8	6	2	5	2		5								
	12	9911	31	29	24	26	16	56	8	85	8	8	2	5			6								
	15	9919	31	29	25	24	10	32	7	85	8	7	2	4			5								
	18	9946	30	28	24	26	08	32	7	85	8	7	2	4			6								
	21	9947	30	28	24	27	15	74	7	02	8	7	2	4			5			24	48	337	008	35	28
05	00	9926	32	30	26	27	16	84	7	02	2	7	8	4			5								
	03	9906	33	31	27	26	05	82	7	02	8	7	8	4			5								
	06	9907	33	31	27	19	13	84	6	01	2	6	5	5			4								
	09	9935	34	30	22	18	12	80	7	02	2	6	5	5	7		4								
	12	9968	30	26	18	20	18	74	8	02	2	8	5	5			4								
	15	9986	29	27	24	24	12	32	5	85	8	5	2	5			5								
	18	9998	31	29	26	26	14	58	5	26	8	5	4	5			5								
	21	10020	30	28	25	19	20	82	5	26	8	5	2	5			4			24	49	275	004	35	28
06	00	10039	32	30	26	19	20	80	6	85	8	6	2	4			5								
	03	10054	32	29	23	24	18	82	6	26	8	6	2	4			5								
	06	10062	34	31	23	27	20	84	7	02	2	7	8	5			5								
	09	10047	34	33	31	28	21	16	8	85	2	8	8	4			6								
	12	9996	37	36	35	30	25	32	8	50	6	4	6	4	2		6								
	15	9956	39	37	35	28	31	66	8	20	5	3	5	5	2		6								
	18	9945	38	36	33	28	32	58	8	60	6	3	5	5	2		6								
	21	9951	37	36	33	28	30	74	7	80	8	5	8	5	3		5			28	63	332	003	40	28
07	00	9978	35	34	31	27	24	84	7	02	2	5	5	5	4		5								
	03	9993	35	33	29	26	15	82	7	83	8	7	8	5			5								
	06	10000	34	33	31	28	26	32	7	85	8	7	2	4			5								
	09	10009	35	34	31	28	24	66	7	16	8	4	2	5	5		8								
	12	9992	39	37	34	28	23	74	8	82	2	8	5	4			6								
	15	9972	40	40	39	30	20	32	8	50	2	5	6	4	2		6								
	18	9962	41	40	39	28	23	35	8	02	5	5	6	4	2		6								
	21	9965	41	40	39	30	25	58	8	50	5	5	6	3	2		6			27	45	497	015	43	34
08	00	9942	40	39	38	31	25	58	8	10	2	8	6	3			6								
	03	9888	40	39	38	33	28	82	8	02	2	5	6	3	7		6								
	06	9843	41	40	39	33	29	48	8	61	6	5	6	3	2		7								
	09	9801	42	42	41	33	29	16	8	63	6	5	6	3	2		7								
	12	9783	42	42	42	33	24	96	8	61	6	5	6	3	2		7								
	15	9774	42	41	41	32	24	32	8	60	6	4	6	2	2		7								
	18	9815	37	35	32	26	12	66	8	02	6	2	2	4	2		5								
	21	9881	34	32	28	28	16	84	7	02	2	7	8	5			6			33	45	538	012	43	39
09	00	9932	33	31	28	28	17	58	7	85	2	7	2	4			8								
	03	9965	32	31	29	23	05	84	2	26	8	2	2	5	0	0	8								
	06	10006	34	31	25	27	12	84	6	02	2	6	8	5	0	0	8								
	09	10037	36	31	23	30	15	80	7	02	2	7	5	5			6								
	12	10032	37	34	28	32	20	80	8	02	2	8	5	5			6								
	15	10026	38	35	31	32	25	80	8	02	2	8	5	5			6								
	18	10009	39	36	32	33	24	80	8	02	2	8	5	5			6								
	21	9989	39	37	34	33	28	82	8	02	2	8	5	5			7			33	47	363	015	40	32

Results of Surface Observations,
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LOCAL STANDARD TIME HOUR	STATION LEVEL PRESSURE	TEMPERATURES DRY BULB	TEMPERATURES WET BULB	TEMPERATURES DEW POINT	SURFACE WIND DIRECTION	SURFACE WIND 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
00	9939	40	38	35	33	36	82	8	02	2	8	5	5			7								
03	9893	39	38	37	34	36	58	8	61	6	8	6	4			7								
06	9865	40	39	39	34	30	58	8	61	6	8	6	3			7								
09	9882	36	36	36	29	06	66	8	61	6	2	6	4	2		7								
12	9882	40	38	35	31	12	84	7	03	6	7	8	5			6								
15	9882	37	36	34	29	25	82	7	26	8	7	8	5			6								
18	9895	38	35	30	30	20	84	5	02	8	4	8	5	0	4	6								
21	9889	36	35	33	30	28	80	6	26	8	4	2	5	3	0	6			30	53	607	022	41	36
00	9914	35	33	28	29	28	84	3	02	8	3	2	5	0	0	6								
03	9918	34	33	30	30	25	84	4	02	2	4	2	5	0	0	6								
06	9923	35	33	30	29	28	84	6	26	8	6	2	5	0	0	6								
09	9935	39	37	34	30	24	84	4	02	1	4	8	5	0	0	6								
12	9950	39	34	25	28	25	84	7	02	8	7	8	5			6								
15	9979	36	33	27	27	20	84	5	27	8	5	3	5	0	0	6								
18	10008	36	32	24	27	20	84	7	02	2	7	5	5		1	6								
21	10042	36	32	24	27	25	84	7	02	8	7	5	5			6			29	46	438	005	41	33
00	10056	37	35	32	30	18	84	7	02	2	7	8	5			6								
03	10058	38	36	33	31	20	84	6	02	8	6	8	5	0	0	6								
06	10053	39	36	31	32	20	84	7	02	2	7	5	5			7								
09	10026	40	38	35	34	28	84	7	02	2	7	5	6			7								
12	9981	42	40	37	33	34	82	8	02	2	2	6	4	7		7								
15	9935	41	40	40	33	35	32	8	61	6	4	6	3	2		7								
18	9922	41	41	41	32	32	32	8	61	6	3	6	3	2		7								
21	9967	40	39	38	29	22	74	5	01	6	5	6	3	0		7			34	52	459	004	43	35
00	10009	38	35	30	27	20	84	3	02	0	3	5	5	0	0	6								
03	10041	38	34	25	28	20	84	7	03	1	7	5	5			6								
06	10080	38	34	26	27	20	84	8	02	2	8	5	5			6								
09	10104	40	35	25	28	13	84	7	01	2	7	5	6			6								
12	10114	42	37	28	31	15	84	4	02	1	4	5	6	0	0	6								
15	10114	41	37	30	33	15	84	6	02	2	6	5	6	0	0	6								
18	10101	40	37	32	34	16	84	8	03	2	3	5	6	7		7								
21	10090	41	39	37	35	15	80	8	02	2	8	5	5			7			28	34	537	014	44	37
00	10035	41	41	41	34	22	06	8	50	5	8	6	0			8								
03	9986	42	42	42	35	24	08	8	47	5	8	6	0			8								
06	9947	43	42	41	34	28	32	8	10	4	6	6	3	7		8								
09	9931	44	43	42	33	36	32	8	10	2	8	6	3			7								
12	9934	43	43	43	33	25	32	8	10	2	8	6	3			7								
15	9919	43	42	42	34	22	48	8	50	6	5	6	2	2		7								
18	9914	42	42	42	33	24	32	8	10	6	8	6	2			7								
21	9949	39	38	37	23	10	32	8	10	2	8	6	2			6			33	43	487	001	44	40
00	9973	39	38	37	29	11	80	3	01	6	3	5	5	3	0	6								
03	9984	39	37	33	29	16	84	4	02	0	4	5	5	0	0	6								
06	9984	39	37	33	31	12	84	1	02	0	1	5	5	0	0	6								
09	9975	41	38	32	33	18	84	7	03	2	2	5	5	0	6	6								
12	9942	42	40	37	33	25	84	8	03	2	4	5	5	7		6								
15	9943	42	39	35	28	12	84	4	01	1	3	5	5	3	1	6								
18	9943	37	37	36	23	04	80	8	21	1	8	5	5			6								
21	9952	35	34	32	18	10	58	8	70	6	8	6	4			4			33	35	432	008	39	38
00	9992	35	32	24	24	10	84	2	01	6	2	5	5	0	0	4								
03	10007	34	31	24	21	06	84	3	02	0	3	5	5	0	0	5								
06	10045	34	31	25	27	02	84	2	02	0	2	2	5	0	0	5								
09	10061	39	33	22	30	15	84	2	02	0	2	8	5	0	0	6								
12	10050	39	34	25	29	23	84	6	15	8	6	8	5	0	6	6								
15	10025	38	34	25	31	28	84	8	02	1	6	5	3	2		7								
18	9982	37	36	34	32	38	56	8	61	7	4	6	3	2		7								
21	9998	38	37	35	27	22	66	3	01	6	3	2	3	0	0	6			27	54	257	006	39	34
00	10013	38	34	26	27	24	74	5	02	2	5	5	5	0	0	6								
03	10025	38	35	30	27	28	66	7	26	8	7	2	5			6								
06	10045	37	35	32	28	15	66	7	80	8	7	2	5			6								
09	10063	39	35	28	28	24	80	7	02	2	7	8	4			6								
12	10061	40	37	34	27	20	80	8	02	2	8	8	4			6								
15	10044	40	39	38	29	21	74	8	02	2	6	6	3	2		6								
18	10035	40	40	39	29	18	58	8	02	2	8	6	3			6								
21	10028	40	40	40	29	19	32	8	50	5	8	6	3			6			27	46	511	010	42	35
00	10017	40	39	39	28	24	32	8	50	5	8	6	3			6								
03	10007	40	39	39	29	20	56	8	02	2	8	6	3			6								
06	9997	41	40	40	30	25	32	8	02	2	8	6	2			6								
09	9982	41	41	40	30	29	48	8	02	2	8	6	2			6								
12	9976	41	41	41	29	25	32	8	10	2	8	6	2			6								
15	9977	41	41	41	28	22	32	8	50	2	8	6	2			6								
18	9984	41	40	39	27	24	58	8	02	5	8	5	3			6								
21	9995	40	39	37	28	23	56	8	02	2	8	5	3			6			30	42	441	001	42	40

Results of Surface Observations,
MACQUARIE October, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURE	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	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	00	9988	40	39	38	28	14	56	8	02	2	8	5	3			6								
	03	9962	41	40	40	30	22	32	8	50	5	8	6	3			6								
	06	9927	41	41	40	31	32	32	8	60	6	5	6	2	2		6								
	09	9923	41	41	41	29	30	32	8	21	6	8	6	3			6								
	12	9935	42	41	40	27	24	32	8	50	2	8	5	2			6								
	15	9938	40	40	40	28	20	56	7	50	5	7	5	3			6								
	18	9931	40	39	39	29	14	74	7	02	6	7	5	4			6								
	21	9912	41	40	40	32	13	56	8	50	6	8	6	2			7			31	45	516	007	42	39
20	00	9883	41	41	40	30	21	58	8	02	5	8	6	2			6								
	03	9854	41	41	40	31	14	32	8	60	6	8	6	2			7								
	06	9802	41	41	41	32	25	16	8	61	6	8	6	2			7								
	09	9731	42	41	40	32	34	32	8	63	6	8	6	3			7								
	12	9697	41	40	39	31	30	66	8	02	6	8	5	3			7								
	15	9661	40	38	35	30	32	66	6	01	6	6	5	5	4	0	7								
	18	9690	36	34	33	27	36	80	5	26	8	5	8	4	0	0	6								
	21	9732	34	33	33	26	36	66	4	26	8	4	2	5	0	0	6			27	63	481	014	42	39
21	00	9738	35	35	34	28	26	66	5	26	8	5	2	5	0	0	6								
	03	9741	36	33	28	27	17	74	4	27	8	4	2	5	0	0	6								
	06	9762	32	32	30	24	10	32	7	86	2	4	3	4	0	0	5								
	09	9809	32	32	30	26	24	84	3	26	2	3	9	4	0	0	6								
	12	9838	37	35	32	27	30	84	4	26	8	4	9	4	0	0	6								
	15	9865	38	34	26	27	28	84	6	02	2	6	2	5	0	0	6								
	18	9864	38	35	28	30	24	84	7	02	1	2	5	5	0	8	6								
	21	9816	36	36	35	32	25	32	8	60	2	8	6	3			7			27	62	611	010	42	31
22	00	9722	41	41	40	32	31	16	8	63	6	8	6	3			7								
	03	9635	42	41	41	32	35	32	8	60	6	8	6	3			7								
	06	9652	36	35	33	27	50	32	7	04	2	7	2	4			6								
	09	9744	35	33	26	26	38	32	7	85	2	7	2	4			6								
	12	9785	38	32	20	26	36	82	7	26	8	7	2	4			6								
	15	9827	35	31	24	26	28	82	6	26	8	6	9	4	0	0	6								
	18	9888	34	31	25	28	15	84	6	26	8	6	8	5	0	0	6								
	21	9948	32	30	25	26	22	80	5	26	8	5	8	5	0	0	6			26	75	717	022	37	32
23	00	9977	32	30	25	26	21	80	2	01	8	2	2	5	0	0	6								
	03	10002	29	28	26	27	17	80	4	26	8	4	3	5	0	0	6								
	06	10030	30	29	28	27	30	56	6	87	8	6	2	5	0	0	6								
	09	10068	32	31	29	26	38	08	8	85	8	8	2	5			6								
	12	10083	36	34	29	27	30	84	3	02	8	3	2	5	0	0	6								
	15	10099	36	34	30	26	30	66	7	16	8	3	8	4	2	1	6								
	18	10116	37	35	31	26	28	66	7	02	8	7	8	4	4		6								
	21	10126	36	34	31	26	28	74	7	26	2	7	8	4			6			26	62	497	003	40	27
24	00	10141	35	34	32	26	22	82	4	26	8	4	2	5	0	0	6								
	03	10154	35	33	28	27	18	84	4	62	8	4	8	5	0	0	6								
	06	10170	37	34	29	17	08	84	3	02	0	3	8	5	0	0	6								
	09	10199	40	36	29	26	08	80	4	02	1	4	5	5	0	0	6								
	12	10199	41	38	32	30	07	80	6	03	1	6	5	5	0	0	6								
	15	10187	40	37	32	32	02	80	8	02	2	8	5	4			6								
	18	10178	39	36	32	36	02	80	7	02	2	6	5	5	2		7								
	21	10179	38	35	31	04	05	82	2	01	1	2	5	5	0	1	7			26	23	424	012	42	34
25	00	10153	39	36	32	05	10	82	8	03	1	8	5	6			8								
	03	10123	39	37	34	09	12	82	7	02	2	7	5	6			8								
	06	10081	40	38	35	09	14	74	8	60	2	4	5	5	2		8								
	09	10031	40	40	39	08	12	32	8	63	6	8	6	2			8								
	12	9990	41	41	41	02	06	16	8	51	6	8	6	2			8								
	15	9963	41	41	41	30	04	04	8	45	5	8	6	0			7								
	18	9961	41	41	41	32	08	04	8	50	5	8	6	0			7								
	21	9951	41	41	41	31	15	06	8	45	4	8	6	0			7			09	33	197	007	43	37
26	00	9938	40	40	40	32	19	08	8	45	4	8	6	0			7								
	03	9947	40	40	39	29	28	66	8	02	5	8	6	4			7								
	06	9973	39	39	38	27	34	66	8	02	2	8	6	4			7								
	09	10001	40	38	35	27	28	80	6	02	2	5	2	5	4	0	6								
	12	10016	42	41	41	30	20	80	8	02	2	5	2	4	2		6								
	15	10023	42	42	41	30	15	16	8	50	2	8	6	1			6								
	18	10033	40	40	40	28	13	16	7	50	5	7	6	1			6								
	21	10040	39	39	39	30	10	66	3	10	1	3	6	3			6			28	46	368	007	44	39
27	00	10024	38	38	38	32	10	08	8	45	1	8	6	0			7								
	03	9994	40	40	40	35	11	66	8	10	5	8	6	2			7								
	06	9960	41	41	41	34	15	58	8	21	6	8	6	2			7								
	09	9938	42	42	41	32	21	66	8	20	5	5	6	2	2		7								
	12	9965	38	36	33	27	22	74	8	21	5	7	5	4	2		6								
	15	9989	41	37	30	27	22	80	7	01	2	3	2	5	0	0	6								
	18	10004	38	35	31	29	24	60	7	16	1	7	3	5	0	0	6								
	21	10015	37	35	32	29	24	84	1	02	8	1	2	5	0	0	6			27	43	338	010	42	37

Results of Surface Observations,
MACQUARIE October, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St. miles	Points	°F	°F
	00	10022	34	33	29	29	20	80	5	26	0	5	2	5	0	0	6								
	03	10027	35	34	32	28	20	84	6	25	2	6	2	5	0	0	6								
	06	10016	39	37	33	30	24	80	8	02	8	3	2	5	1		6	6							
	09	9994	38	36	32	32	25	56	8	60	2	4	6	4	3		7								
	12	9958	42	42	41	30	22	56	7	21	6	5	5	3			6								
	15	9959	42	42	41	30	24	56	8	60	2	3	6	3	2		6								
	18	9947	42	42	41	30	29	32	8	60	6	8	6	2			6								
	21	9937	42	42	42	30	30	16	8	21	5	8	6	2			6			30	39	448	006	43	34
	00	9911	42	41	41	31	30	32	8	60	2	8	6	2			7								
	03	9881	42	41	40	30	35	58	8	21	6	6	6	3	2		7								
	06	9889	42	40	37	30	28	74	8	02	2	6	5	4	2		6								
	09	9873	41	39	35	30	30	66	8	02	8	3	2	5	2		6								
	12	9862	42	40	37	30	24	74	7	21	6	5	2	5	4		6								
	15	9858	40	38	35	29	34	66	7	02	2	5	2	5	7		6								
	18	9867	40	39	37	28	25	66	8	62	2	4	5	5	2		6								
	21	9876	40	40	39	28	20	58	8	60	6	6	5	3	2		6			30	54	596	009	43	40
	00	9866	41	40	40	30	25	16	8	61	6	8	6	2			6								
	03	9843	41	41	40	30	30	58	8	21	6	8	6	3			6								
	06	9829	41	40	38	30	30	80	6	25	1	6	2	4	3	0	6								
	09	9830	42	40	37	29	28	80	7	03	1	7	2	5			6								
	12	9821	42	40	38	30	24	74	7	02	2	7	5	5			6								
	15	9810	41	40	39	30	26	74	7	02	2	7	5	4	3		6								
	18	9814	40	39	37	29	24	74	7	02	2	7	5	4			6								
	21	9809	39	38	37	29	28	82	6	02	2	6	5	4	0	0	6			30	49	565	010	44	39
	00	9804	36	36	36	29	26	32	8	81	8	8	2	4			6								
	03	9803	37	35	32	27	22	82	4	16	8	4	2	4	0	0	6								
	06	9808	37	35	31	27	22	82	7	02	2	7	8	5			6								
	09	9815	38	35	31	26	25	80	6	02	2	5	5	5	4	0	6								
	12	9827	38	37	35	27	24	80	6	02	2	6	8	4			6								
	15	9851	37	36	34	18	14	66	7	26	2	7	8	5	4		4								
	18	9888	36	33	28	18	15	66	6	85	2	6	8	5	0	0	4								
	21	9924	32	31	30	18	14	84	4	02	8	4	2	5	0	0	4			29	40	490	009	40	35

Results of Surface Observations,
MACQUARIE November, 1965

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREM TEMPERATU	
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	
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	
01	00	9939	33	29	21	18	14	82	7	02	2	7	5	5			4								
	03	9951	33	31	27	21	08	82	7	02	2	7	5	5			5								
	06	9959	34	30	22	26	16	82	8	02	2	8	5	5			6								
	09	9942	37	34	29	28	22	66	8	02	2	2	5	5	2		6								
	12	9922	39	37	34	26	30	74	8	02	6	6	5	5	2		6								
	15	9931	38	36	33	26	32	58	8	60	6	7	5	5	2		6								
	18	9944	37	36	33	26	33	58	6	80	2	6	2	5	0	0	6								
	21	9959	36	33	27	26	29	84	2	02	8	2	2	5	0	0	5			26	57	320	003	39	
02	00	9979	36	31	23	26	28	82	7	02	1	7	2	5			5								
	03	9990	36	32	25	26	22	82	7	02	2	7	8	5			5								
	06	10000	37	33	24	26	22	82	7	02	2	7	5	5			6								
	09	10002	39	36	32	26	20	80	8	02	2	8	5	5			6								
	12	9992	40	38	36	30	16	80	6	25	2	3	2	5	7		6								
	15	9990	39	37	34	27	20	82	6	02	2	5	8	5	7		6								
	18	9994	40	38	36	28	17	82	8	02	2	8	8	5	7		6								
	21	9990	39	38	37	28	19	82	8	02	2	8	5	5			6			26	48	490	006	41	
03	00	9978	39	38	37	30	12	82	7	02	2	2	5	5	3		6								
	03	9952	39	38	37	32	12	80	8	02	2	8	5	3			7								
	06	9920	40	39	39	34	12	66	8	61	6	6	6	2	2		7								
	09	9875	41	41	40	33	20	32	8	61	6	8	6	2			7								
	12	9818	41	41	41	34	18	32	8	61	6	8	6	2			7								
	15	9765	41	41	40	33	13	32	8	63	6	8	6	2			7								
	18	9762	39	39	38	24	20	66	8	21	6	7	5	4			5								
	21	9804	36	35	33	25	29	80	7	02	2	7	5	4			5			27	48	353	006	42	
04	00	9827	37	36	33	27	18	84	3	02	1	3	5	5	0	0	6								
	03	9854	35	33	29	25	26	84	4	02	8	2	2	5	3	0	6								
	06	9871	38	34	28	27	17	84	6	03	2	4	2	5	1	0	6								
	09	9870	34	34	33	30	20	16	8	73	2	3	6	2	2		6								
	12	9873	38	37	35	29	18	56	7	16	7	7	8	5			6								
	15	9887	39	35	28	27	20	80	4	01	8	4	8	5	3	0	6								
	18	9912	36	33	26	26	19	82	6	03	1	2	2	5	3	6	6								
	21	9934	37	33	26	27	12	82	5	02	2	4	5	5	3	0	6			26	46	429	034	42	
05	00	9936	38	35	30	29	16	82	6	02	2	6	5	5	0	0	6								
	03	9939	38	36	32	31	15	82	6	02	2	4	5	5	3	0	6								
	06	9939	40	39	38	33	11	74	8	02	1	8	5	3			7								
	09	9934	42	41	41	32	20	16	8	60	6	8	6	2			7								
	12	9932	44	42	40	32	18	66	6	05	2	3	5	3	3	6	7								
	15	9941	44	42	39	32	16	60	6	05	2	2	6	4	3	0	7								
	18	9941	42	41	40	31	18	56	8	02	2	8	6	4			7								
	21	9942	42	41	40	32	16	66	8	02	2	8	5	4			7			31	34	347	007	44	
06	00	9932	41	41	40	32	23	74	8	02	2	8	5	3			7								
	03	9926	41	40	40	31	13	16	8	50	2	8	6	2			7								
	06	9926	41	40	40	32	15	58	8	02	2	6	6	2	2		7								
	09	9939	42	41	39	32	10	80	6	02	2	1	5	5	5	0	7								
	12	9951	42	41	39	30	12	66	8	02	2	8	5	4			7								
	15	9975	39	36	31	16	17	84	6	02	1	3	5	5	4	5	4								
	18	9999	37	34	29	16	17	84	3	01	1	1	5	5	0	2	4								
	21	10026	35	32	26	18	08	84	1	01	1	1	5	5	0	0	4			32	25	409	000	45	
07	00	10045	34	31	26	18	05	84	2	02	1	2	5	5	0	0	4								
	03	10052	33	30	24	18	05	84	3	02	0	3	5	5	0	0	4								
	06	10063	38	33	24	15	07	84	3	02	0	3	5	5	0	0	4								
	09	10078	41	36	27	16	08	84	4	02	1	4	5	5	0	0	4								
	12	10082	43	37	26	28	12	84	4	02	1	4	5	6	0	0	5								
	15	10094	42	36	25	26	10	84	3	02	0	3	5	6	0	0	5								
	18	10111	40	37	32	16	06	84	2	01	0	1	5	6	0	1	8								
	21	10125	37	33	26	00	00	84	1	02	0	0	0	9	0	1				27	23	186	000	43	
08	00	10132	35	33	29	00	00	84	1	02	0	1	5	5	0	0									
	03	10135	37	34	29	32	10	84	3	03	0	3	5	5	0	0	7								
	06	10141	39	35	29	33	15	80	7	02	2	7	5	5			7								
	09	10143	40	36	29	34	18	89	8	02	2	8	5	6											
	12	10142	41	37	30	34	15	84	8	02	2	8	5	6											
	15	10130	41	38	33	35	15	84	7	02	2	7	5	7			7								
	18	10130	40	39	37	35	15	84	1	01	1	1	5	6	0	0	7								
	21	10134	40	38	36	31	18	84	1	02	1	1	5	5	0	0	7			35	28	174	000	44	
09	00	10121	40	39	37	34	17	82	5	03	1	5	5	6	0	0	7								
	03	10117	40	40	38	35	15	82	3	01	2	2	5	6	5	0	8								
	06	10110	42	40	37	36	18	82	4	03	1	4	5	4	0	0	8								
	09	10095	44	42	39	36	25	84	6	02	2	5	5	5	0	1	8								
	12	10074	43	42	41	35	30	84	7	02	2	6	5	6	0	1	8								
	15	10047	43	41	38	35	25	84	8	03	2	2	6	4	7		8								
	18	10028	42	41	40	34	25	82	8	02	2	7	5	6	3		7								
	21	10008	43	41	39	36	25	80	8	02	2	8	5	4			7			35	55	389	000	44	

Results of Surface Observations, MACQUARIE November, 1965

CAL DARD ME		TEMPERATURES			SURFACE WIND							LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
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
00	9983	43	41	35	36	28	80	8	02	2	8	5	5			8								
03	9960	42	41	40	34	24	80	8	02	2	8	5	3			7								
06	9945	42	42	41	34	22	60	8	02	2	6	6	4	2		8								
09	9927	43	43	42	34	18	56	8	10	2	8	6	4			7								
12	9909	43	42	41	36	25	32	8	50	2	8	6	2			8								
15	9898	42	42	42	01	20	32	8	61	6	8	6	2			8								
18	9900	43	43	43	02	25	32	8	61	6	5	6	2	2		8								
21	9909	43	43	43	36	20	56	8	02	6	4	6	3	2		8			35	48	539	000	44	42
00	9872	42	42	41	09	08	32	8	63	6	8	6	2			2								
03	9846	44	44	43	36	18	32	8	63	6	8	6	2			8								
06	9846	44	44	43	36	16	16	8	60	6	8	6	2			8								
09	9855	44	44	44	35	18	10	8	47	2	8	6	0			8								
12	9860	43	43	43	36	17	08	8	45	4	8	6	0			8								
15	9864	42	42	41	30	06	08	8	45	5	8	6	0			7								
18	9875	38	38	38	21	12	58	8	61	6	4	6	3	2		5								
21	9891	36	35	34	22	18	16	8	61	6	5	6	2	2		5			35	46	439	056	44	42
00	9910	36	34	30	24	10	32	8	60	6	5	6	3	2		5								
03	9934	34	33	31	27	20	66	7	02	2	7	5	5			6								
06	9956	37	33	26	28	20	74	8	02	2	8	5	5			6								
09	9976	37	35	32	27	15	84	8	02	2	8	6	6			6								
12	9980	38	35	30	29	14	84	7	02	2	5	5	6	3		6								
15	9972	37	35	32	29	14	84	7	16	8	5	2	5	3		6								
18	9969	38	35	30	32	14	84	5	02	1	3	5	6	3	2	6								
21	9963	38	36	33	33	14	84	5	02	0	3	5	6	0	0	7			27	37	294	021	41	35
00	9934	39	37	35	34	15	84	6	02	1	6	5	5	0	0	7								
03	9914	39	38	36	33	19	84	8	02	1	8	5	5			7								
06	9910	39	38	37	32	08	82	6	01	2	6	5	5	0	0	7								
09	9962	40	39	38	27	15	84	7	02	2	7	5	5			6								
12	9897	41	39	36	27	20	84	4	01	1	4	2	5	0	0	5								
15	9903	39	37	34	27	20	84	6	15	1	6	2	5	0	0	5								
18	9914	37	36	34	27	15	84	7	25	8	4	2	5	3		5								
21	9936	37	36	35	26	18	66	8	83	8	8	2	5			5			32	47	292	000	42	37
00	9949	36	35	34	27	19	58	8	83	8	8	2	4			6								
03	9967	35	34	32	27	26	32	8	85	8	8	2	4			5								
06	9968	36	34	29	27	24	84	7	02	8	7	5	5			6								
09	9963	39	37	35	29	18	60	8	02	2	5	6	4	2		6								
12	9934	40	40	39	32	19	08	8	50	2	8	6	1			7								
15	9913	41	40	39	31	18	16	8	02	2	8	6	2			7								
18	9883	40	40	39	32	19	08	8	50	2	8	6	1			7								
21	9843	40	39	39	34	21	06	8	50	5	8	6	0			7			34	52	364	011	42	35
00	9737	42	42	41	33	36	08	8	53	6	8	6	0			7								
03	9777	37	36	34	27	44	48	8	83	5	8	2	4			6								
06	9825	37	33	25	27	37	82	7	02	1	7	8	5	3		6								
09	9850	38	33	24	27	26	66	7	02	2	7	8	5			6								
12	9870	37	33	26	27	30	80	3	01	8	3	2	5	0	0	6								
15	9891	38	33	23	27	30	80	3	02	8	4	2	5	0	0	6								
18	9906	36	34	30	27	20	66	2	26	8	7	2	5	7		6								
21	9915	35	34	32	27	18	80	6	26	8	6	2	5	0	0	6			27	63	539	009	40	32
00	9911	37	34	29	27	16	82	8	02	1	8	5	5			6								
03	9901	37	35	30	30	18	82	6	02	2	6	8	4	0	0	6								
06	9900	37	35	32	33	20	82	8	03	2	5	5	5	7		7								
09	9888	40	38	35	34	13	82	6	02	2	2	5	6	7	2	7								
12	9876	41	38	33	34	18	80	7	02	2	5	5	5	7	2	7								
15	9858	41	40	38	34	20	80	7	25	2	7	8	5	7		7								
18	9851	35	35	34	27	24	16	8	67	6	5	6	3	2		6								
21	9866	38	36	33	29	21	80	5	02	7	5	5	5	0	0	6			34	39	386	003	42	32
00	9859	38	35	32	30	23	82	2	02	1	2	5	5	0	0	6								
03	9848	37	35	33	29	24	82	3	27	0	3	8	4	0	0	6								
06	9841	35	34	32	29	18	32	7	85	8	7	2	4			6								
09	9805	38	36	32	32	22	66	8	02	6	2	5	5	2		7								
12	9747	37	36	35	32	32	54	8	63	6	3	6	4	2		7								
15	9737	40	38	36	28	28	63	7	02	6	7	5	4			6								
18	9756	36	35	33	28	20	58	7	26	8	5	2	5	3		6								
21	9763	36	34	30	26	30	74	6	26	8	6	2	5	0	0	6			26	58	413	007	40	35
00	9751	34	33	31	28	30	82	2	26	8	2	2	5	0	0	6								
03	9750	32	31	29	26	24	82	6	26	8	6	2	4	0	0	6								
06	9766	35	34	32	26	24	84	4	02	8	4	2	4	0	0	6								
09	9782	33	33	32	26	24	16	7	85	8	7	3	4			6								
12	9769	37	35	32	26	20	58	7	27	8	7	9	4	3		6								
15	9824	38	35	30	18	16	66	6	26	8	6	4	5	3		4								
18	9869	35	31	22	18	16	66	5	26	8	5	9	5	0	0	4								
21	9897	31	31	29	20	14	80	5	26	8	5	9	5	0	0	4			27	45	502	014	39	32

Results of Surface Observations,
MACQUARIE November, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATUR	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	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	00	9918	30	29	29	23	10	48	7	85	8	7	2	5			5								
	03	9937	33	29	21	18	20	82	7	16	8	7	8	5			4								
	06	9970	32	31	28	19	10	82	6	16	8	6	8	5			5								
	09	10001	33	32	29	18	16	74	7	26	8	7	8	5			4								
	12	10021	36	32	24	19	14	80	8	02	8	8	5	5			4								
	15	10042	36	32	24	18	15	80	7	02	2	7	5	5			5								
	18	10064	35	33	29	20	07	80	8	02	2	8	5	5			5								
	21	10090	36	34	30	24	05	84	8	02	2	8	5	5			5			20	43	286	012	41	2
20	00	10097	37	33	26	27	12	84	8	02	2	8	5	5			5								
	03	10099	36	33	27	29	15	84	8	02	2	8	5	5			5								
	06	10108	37	35	32	28	16	84	6	15	2	6	8	5			5								
	09	10110	40	38	35	29	20	80	7	80	2	7	8	5			6								
	12	10101	42	39	35	32	16	80	7	02	8	7	5	5			7								
	15	10082	42	40	37	33	22	82	7	02	2	3	5	5	1		7								
	18	10063	41	40	38	33	25	82	8	02	2	4	5	5	7		7			33	37	243	000	43	3
	21	10047	41	40	39	33	26	48	8	51	5	8	6	3											
21	00	10019	42	41	40	33	28	56	8	60	6	8	6	3			7								
	03	9993	42	41	40	34	28	66	8	10	6	4	6	2	2		7								
	06	9950	42	42	42	35	25	58	8	10	5	8	6	2			7								
	09	9905	43	42	41	35	26	16	8	50	5	8	6	1			7								
	12	9863	43	42	42	34	24	66	6	01	6	6	5	5			7								
	15	9838	42	41	40	30	28	56	8	10	1	8	5	2			7								
	18	9910	39	37	34	27	36	74	7	02	1	7	5	4			6								
	21	9955	39	37	34	29	25	82	6	02	2	6	5	5			6			27	59	531	004	44	4
22	00	9960	38	36	33	28	25	84	3	25	8	3	8	5			5								
	03	9960	39	38	37	31	22	82	7	03	2	1	5	5	0	6	6								
	06	9938	40	39	38	34	23	60	8	61	6	8	6	3			7								
	09	9910	41	41	40	33	29	32	8	60	6	8	6	2			7								
	12	9909	43	42	41	31	26	80	7	01	6	7	5	3			7								
	15	9928	42	39	34	29	26	80	4	02	1	4	5	5			6								
	18	9935	40	37	32	30	34	80	4	02	0	4	5	5			6								
	21	9963	40	37	32	30	30	82	7	03	2	7	5	5			6			28	52	566	006	44	3
23	00	9971	39	36	31	29	22	84	6	02	8	6	8	5			6								
	03	9992	39	36	31	28	24	84	4	02	8	4	8	5			6								
	06	10002	40	38	35	30	15	84	5	02	1	5	8	5			6								
	09	10002	41	39	36	32	18	80	8	03	8	4	5	5	2		7								
	12	9961	41	41	41	34	26	20	8	61	6	8	6	1			7								
	15	9963	42	42	41	33	22	56	8	02	6	6	6	2	2		7								
	18	9923	42	42	41	33	27	63	8	02	2	5	6	2	7		7								
	21	9903	42	41	39	34	29	66	8	02	2	8	6	3			7			31	46	498	001	43	2
24	00	9878	42	40	38	32	35	82	6	25	8	6	8	5			7								
	03	9888	39	38	37	30	35	82	7	15	8	6	8	5	0	2	6								
	06	9913	38	35	31	29	30	84	4	27	8	4	2	5	0	1	6								
	09	9933	40	36	30	30	28	84	5	16	0	5	8	5			6								
	12	9939	39	37	31	29	23	84	5	02	0	5	8	5			6								
	15	9945	40	37	32	27	19	84	6	02	0	6	8	5			6								
	18	9952	38	36	33	29	15	84	3	02	0	3	2	5			6								
	21	9965	38	36	33	30	18	84	6	02	1	5	8	5	3		6			31	55	592	008	42	3
25	00	9960	38	36	34	32	15	84	4	02	1	4	5	5			6								
	03	9955	38	37	34	33	15	84	7	03	8	7	0	9	7										
	06	9950	40	38	35	33	20	84	7	02	2	7	0	9	7		6								
	09	9943	42	40	37	34	20	84	7	02	2	7	0	9	7		7								
	12	9937	42	41	39	34	23	84	7	02	2	1	5	5	7		7								
	15	9921	42	41	39	34	22	84	8	02	2	2	5	5	7		7								
	18	9913	41	40	39	34	23	84	7	02	2	5	5	5	7		7								
	21	9909	41	40	39	34	18	84	6	02	2	6	0	9	7		7			34	31	385	000	43	
26	00	9885	40	40	40	35	15	86	2	01	1	2	0	9	3	0	7								
	03	9861	41	40	39	01	15	82	7	03	2	2	6	3	7		7								
	06	9836	41	39	36	01	20	84	6	01	2	6	0	9	3	0	7								
	09	9806	42	40	36	36	10	84	6	02	0	6	0	9	7	0	7								
	12	9774	41	39	36	01	10	84	8	02	1	8	0	9	7		7								
	15	9746	39	39	39	36	10	32	8	61	6	8	6	6	2		8								
	18	9727	38	38	38	28	10	32	8	60	6	8	6	2			6								
	21	9740	36	35	33	27	17	66	7	01	5	7	5	4			6			27	35	450	000	43	
27	00	9746	36	35	33	27	20	74	7	02	2	7	5	5			6								
	03	9749	37	35	32	30	18	74	7	16	8	6	8	5	2		6								
	06	9752	38	36	33	31	22	74	7	16	8	6	2	5	7		6								
	09	9756	36	35	35	32	19	63	8	26	2	8	2	4			6								
	12	9768	39	38	36	28	17	82	8	15	8	4	2	4	7		6								
	15	9789	38	37	34	27	20	82	6	26	8	5	2	4	3	0	6								
	18	9811	34	34	34	27	30	24	8	86	8	8	2	4			6								
	21	9855	32	32	32	24	22	32	7	85	8	7	2	4			5			27	63	297	014	40	

Results of Surface Observations,
MACQUARIE November, 1965

CAL DARD ME		TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST					EXTREME TEMPERATURES	
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
00	9891	32	31	27	24	15	80	3	01	8	3	2	5	0	0	5								
03	9909	34	33	30	28	18	80	7	02	2	7	5	5			6								
06	9923	35	33	30	28	20	74	7	27	8	7	4	5			6								
09	9937	36	34	30	27	10	80	7	26	8	7	2	5			6								
12	9942	39	36	31	27	15	84	7	02	2	7	6	5			6								
15	9955	38	36	33	27	15	84	8	02	2	8	8	5			6								
18	9975	37	37	36	27	11	82	7	80	2	7	2	5			6								
21	9982	37	36	34	25	12	80	4	01	8	4	2	5	0	0	5			27	40	367	007	40	32
00	10006	37	35	32	28	20	80	5	02	8	5	2	5	0	0	6								
03	10009	38	36	34	28	20	80	7	02	2	7	5	5			6								
06	10001	39	39	39	30	24	74	8	02	2	6	6	4	2		6								
09	9997	41	40	39	29	25	80	8	02	2	8	5	5			6								
12	10007	40	39	38	27	28	82	8	16	8	8	2	5			6								
15	10020	40	39	38	27	20	82	7	25	8	7	8	5			6								
18	10055	38	35	30	28	13	84	7	02	8	7	8	5			6								
21	10050	37	34	29	28	18	80	7	02	2	7	5	5			6			27	43	409	001	42	36
00	10045	37	33	28	27	17	80	7	02	2	7	5	5			6								
03	10041	37	34	29	27	23	80	7	02	2	7	5	5			6								
06	10051	37	34	29	27	20	80	7	02	2	7	5	5			6								
09	10053	38	35	30	27	23	84	7	02	2	7	6	5			6								
12	10055	39	36	31	27	23	84	7	02	8	7	8	5			6								
15	10059	38	35	30	27	25	84	7	25	8	7	8	5			6								
18	10060	35	35	30	27	25	84	8	02	8	8	8	5			5								
21	10065	36	36	34	27	25	80	8	02	2	8	8	5			6			27	44	386	001	42	37

Results of Surface Observations.
MACQUARIE December, 1965

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	
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	
01	00	10060	38	37	34	27	26	80	8	02	2	8	5	5			6								
	03	10066	39	37	36	27	27	80	8	02	2	8	5	5			6								
	06	10070	39	38	37	27	30	80	8	02	2	8	8	5			6								
	09	10070	40	39	38	27	32	82	8	02	2	7	8	5			6								
	12	10073	41	40	39	27	28	82	8	15	2	7	8	5			6								
	15	10072	41	40	39	27	27	58	8	10	2	8	6	3			6								
	18	10067	41	40	39	29	22	80	8	02	2	5	6	3	2		6								
	21	10077	41	40	39	28	18	74	7	02	2	5	6	3	2		6			27	46	475	000	42	
02	00	10078	41	40	40	29	22	74	8	02	2	5	6	3	2		6								
	03	10082	41	40	39	28	25	66	8	02	2	7	6	2	2		6								
	06	10094	40	40	40	28	22	32	8	02	2	8	6	2			6								
	09	10103	41	40	39	29	20	82	7	02	2	7	8	5			6								
	12	10108	42	41	40	27	24	82	7	15	2	7	8	5			6								
	15	10109	42	41	40	27	36	80	8	02	8	2	6	5			6								
	18	10115	41	40	38	26	28	82	7	02	8	3	6	5			6								
	21	10122	40	39	39	27	22	32	8	50	2	6	6	3	2		6			26	45	430	000	45	
03	00	10126	40	39	38	27	25	56	8	02	5	8	6	3			6								
	03	10124	39	39	38	27	25	66	8	02	5	8	6	3			6								
	06	10128	39	39	38	27	26	66	8	02	2	8	6	3			6								
	09	10129	40	39	38	27	26	66	8	80	2	5	6	3			6								
	12	10126	42	41	40	27	27	80	7	07	7	6	6	4	4		6								
	15	10125	41	40	39	27	25	80	7	02	2	7	6	4			6								
	18	10122	40	39	39	27	25	74	7	10	2	7	6	4			6								
	21	10125	38	38	38	27	21	58	6	10	2	6	6	2	0	0	6			27	39	456	001	43	
04	00	10113	37	37	37	28	20	66	6	10	2	6	6	2	0	0	6								
	03	10109	36	36	36	28	14	32	6	20	5	6	6	1	0	2	6								
	06	10100	38	38	38	29	11	74	7	10	5	7	6	2			6								
	09	10080	40	40	40	31	05	66	8	50	5	8	6	2			9								
	12	10042	43	43	43	31	04	16	8	10	6	8	6	2			7								
	15	9999	42	42	42	33	13	04	8	47	6	8		0			8								
	18	9955	43	43	43	32	18	58	8	61	6	8	6	2			7								
	21	9939	42	42	42	29	14	08	8	50	6	8	6	1			7			26	30	393	001	43	
05	00	9933	41	41	41	27	23	16	8	10	2	8	6	2			8								
	03	9952	38	38	37	24	10	16	8	10	5	8	6	2			6								
	06	9966	38	38	38	26	17	16	8	10	2	8	6	2			6								
	09	9968	40	40	40	30	16	32	8	10	2	8	6	2			6								
	12	9955	43	43	42	30	19	08	8	45	4	8		0			6								
	15	9952	41	40	40	27	22	56	8	02	4	8	6	2			6								
	18	9961	39	37	36	26	24	74	8	02	2	8	5	4			6								
	21	9985	37	34	29	25	26	80	7	02	2	7	5	5			6			28	47	306	040	44	
06	00	10000	37	35	32	26	25	82	4	01	8	4	8	5	0	0	6								
	03	10011	38	38	30	26	24	82	6	02	1	6	8	5	0	0	6								
	06	10030	37	36	34	26	25	80	8	26	1	8	8	4			6								
	09	10046	39	36	31	26	29	74	8	25	2	8	8	5			6								
	12	10052	38	37	35	26	30	32	7	80	8	7	2	4			6								
	15	10039	40	40	39	28	26	54	8	26	8	8	6	4			6								
	18	10043	41	40	39	28	29	54	8	02	2	8	6	3			6								
	21	10056	41	40	39	27	23	74	8	02	2	8	5	2			6			27	46	455	001	42	
07	00	10059	40	40	40	27	21	74	8	02	2	8	5	3			6								
	03	10057	40	40	40	27	23	16	8	50	2	8	6	2			6								
	06	10065	41	41	41	27	29	20	8	10	5	8	6	2			6								
	09	10076	42	42	42	27	30	16	8	10	2	8	6	2			6								
	12	10093	42	42	42	27	25	16	8	10	2	8	6	2			6								
	15	10106	42	41	40	27	25	66	8	10	2	8	6	3			6								
	18	10115	41	40	39	27	25	80	7	02	2	7	6	3			6								
	21	10131	41	40	39	26	18	80	7	02	2	7	5	3			6			26	45	464	001	43	
08	00	10124	40	39	39	27	16	48	8	10	2	8	6	2			6								
	03	10117	39	39	38	28	12	66	7	02	2	7	5	2			6								
	06	10115	40	39	39	32	07	80	8	02	2	8	5	2			7								
	09	10103	43	41	39	34	12	74	8	02	2	8	5	3			7								
	12	10074	42	42	41	36	18	56	8	60	2	8	6	3			8								
	15	10037	42	42	42	04	06	32	8	61	6	8	6	7			1								
	18	9991	42	42	42			32	8	63	6	8	6	2			8								
	21	9957	43	43	43	36	12	16	8	56	6	8	6	2			8			34	34	385	000	43	
09	00	9954	41	41	41	26	19	16	8	20	6	8	6	2			6								
	03	9977	39	39	39	26	18	08	8	45	4	8	1	0	0		6								
	06	10017	40	40	40	27	17	32	8	02	4	8	6	2			6								
	09	10023	40	40	40	28	20	56	8	02	2	8	6	3			6								
	12	10011	43	42	41	29	24	58	8	02	6	4	6	3	2		6								
	15	10009	45	43	41	29	25	48	7	10	2	5	2	3	4		6								
	18	10020	42	41	39	29	24	58	7	10	2	7	6	4			6								

Results of Surface Observations,
MACQUARIE December, 1965

AL ARD E	HOUR	STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
			DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
00		10041	42	40	37	29	25	80	7	02	2	7	5	5			6								
03		10041	41	39	36	28	22	80	7	02	2	7	5	5			6								
06		10044	41	40	39	29	23	82	7	02	2	7	5	5			6								
09		10040	43	42	41	30	23	66	7	02	2	4	6	4	2		6								
12		10043	43	42	41	28	20	74	7	25	2	7	8	4			6								
15		10044	44	44	43	29	19	74	7	02	2	7	8	4			6								
18		10046	41	40	39	28	18	66	7	80	8	7	2	5			6								
21		10054	40	39	38	28	17	82	4	15	2	3	8	4	0	1	6			28	42	598	001	45	40
00		10024	41	40	40	31	22	74	8	60	5	8	6	3			7								
03		10000	40	40	40	31	16	48	8	60	6	8	6	3			7								
06		9974	41	40	39	31	18	66	8	21	6	8	6	3			7								
09		9933	42	42	41	30	24	16	8	50	5	8	6	2			6								
12		9933	43	41	39	28	28	80	6	01	5	6	8	5	5		6								
15		9923	42	40	37	28	32	74	8	02	2	8	5	5			6								
18		9938	41	39	37	27	25	74	6	25	2	6	2	5			6								
21		9965	41	40	39	27	23	74	7	02	2	5	2	5	4		6			32	48	503	010	44	40
00		9976	40	39	39	28	27	66	8	02	2	8	6	3			6								
03		9991	39	39	38	27	20	80	8	02	2	8	5	3			6								
06		9997	40	39	39	31	12	74	8	02	2	8	5	4	2		7								
09		9975	42	42	42	31	18	32	8	20	5	8	6	2			7								
12		9976	38	38	38	30	25	74	8	02	5	8	6	4			7								
15		9988	42	41	40	29	23	80	7	02	2	7	5	4			7								
18		10003	41	40	39	28	27	82	7	02	2	7	5	5			6								
21		10025	41	40	39	27	16	82	7	02	2	7	5	4			6			27	42	582	004	45	39
00		10020	40	39	38	31	08	66	8	50	6	8	6	4			7								
03		10000	39	39	39	30	06	16	8	51	6	8	6	2			7								
06		9994	42	42	42	31	18	56	8	10	6	8	6	2			7								
09		9991	42	42	42	31	15	03	8	47	2	8		0			7								
12		9979	42	41	41	31	10	03	8	45	4	8		0			7								
15		9965	41	41	41	32	10	04	8	45	4	8		0			7								
18		9922	42	42	42	33	12	48	8	61	6	8	6	1			7								
21		9863	44	44	44	35	18	16	8	63	6	8	6	2			8			33	34	440	005	45	38
00		9783	43	43	43	34	27	16	8	61	6	8	6	2			8								
03		9778	41	41	41	31	20	24	8	10	6	8	6	2			7								
06		9788	42	42	42	31	18	16	8	51	6	8	6	1			7								
09		9783	42	42	41	37	15	06	8	45	5	8		0			7								
12		9793	40	39	38	17	12	56	8	50	5	8	5	4			4								
15		9850	39	37	34	18	18	74	8	02	2	8	5	5			4								
18		9897	38	36	33	18	08	74	8	02	2	8	5	5			4								
21		9937	37	35	31	22	03	80	7	02	2	7	8	5			5			18	33	398	061	44	41
00		9952	37	33	25	23	04	82	7	02	2	7	5	5			5								
03		9964	36	32	24	00	00	84	3	02	1	2	5	5	0	4	5								
06		9976	38	34	26	00	00	84	7	03	1	4	5	5	1	4	5								
09		9989	41	36	27	08	04	84	8	02	2	8	5	5			1								
12		9989	36	35	33	05	11	48	8	71	2	2	6	4	2		1								
15		9971	36	36	36	12	25	66	8	02	7	3	6	4	2		3								
18		9953	37	36	34	11	30	63	8	71	7	4	6	4	2		2								
21		9940	37	36	34	11	29	56	8	69	7	4	6	4	2		2			11	40	209	001	42	35
00		9921	39	38	37	11	29	58	8	63	6	4	6	4	2		2								
03		9897	38	38	37	11	34	58	8	69	7	5	6	3	2		2								
06		9887	38	37	35	11	36	63	8	61	6	6	6	3	2		2								
09		9877	35	35	35	14	34	32	8	73	7	8	6	2			2								
12		9857	36	36	36	14	42	16	8	73	7	8	6	2			2								
15		9815	36	36	36	15	45	06	8	73	7	8	6	2			2								
18		9784	38	38	37	14	40	08	8	63	7	8	6	2			2								
21		9806	37	37	36	14	30	56	7	20	6	7	5	4			3			14	54	752	085	39	35
00		9815	38	38	38	14	35	16	8	10	2	8	6	2			3								
03		9828	37	37	37	14	39	24	8	23	7	8	6	2			3								
06		9855	37	36	34	15	38	32	8	26	8	8	5	2			3								
09		9884	36	35	33	17	31	32	8	60	7	8	4	3	2		4								
12		9899	37	36	33	16	30	32	7	85	6	7	2	1			3								
15		9924	38	36	33	16	24	58	6	87	7	6	3	5			3								
18		9961	37	33	24	17	19	80	4	01	8	4	8	5	3	0	4								
21		9994	35	33	29	21	12	80	7	27	8	7	8	5			4			13	53	1015	037	39	35
00		10018	34	33	31	18	15	58	7	85	8	7	2	4			4								
03		10044	34	32	28	18	17	66	7	85	8	7	8	4			4								
06		10072	36	32	24	17	10	80	7	02	2	7	8	5			4								
09		10091	37	33	24	26	07	80	8	02	2	8	5	5			4								
12		10086	39	35	29	25	17	80	8	01	2	3	5	5	1		5								
15		10063	39	36	31	28	24	80	8	02	2	4	5	5	2		5								
18		10031	37	36	34	29	28	56	8	61	7	3	5	5	2		5								
21		10023	39	38	37	26	25	58	8	61	6	4	5	5	2		5			29	42	1445	005	41	33

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 TEMPERATU
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F
19	00	10020	38	37	36	26	14	66	8	60	6	4	5	5	2		5							
	03	10020	38	37	36	26	10	74	8	61	6	6	7	4	2		5							
	06	10026	38	37	35	27	02	74	8	60	6	4	7	4	2		5							
	09	10027	40	39	38	31	05	82	7	03	1	5	5	4	2		7							
	12	10029	43	42	41	31	06	82	7	02	2	7	5	3			7							
	15	10032	44	42	39	27	10	82	7	02	2	7	5	4			6							
	18	10038	41	40	40	26	14	16	7	03	3	7	2	5			6							
	21	10046	40	40	40	26	17	48	7	50	2	7	6	2			6			26	28	390	019	46
20	00	10046	40	40	39	27	13	48	7	50	2	7	6	2			6							
	03	10047	40	40	40	27	10	16	8	50	5	8	6	2			6							
	06	10051	41	41	41	28	06	09	8	51	5	8	6	1			5							
	09	10050	43	43	42	26	16	32	7	01	2	7	6	1			6							
	12	10049	43	43	43	26	13	16	8	10	2	8	6	2			6							
	15	10052	43	43	42	26	10	32	8	50	2	8	6	1			6							
	18	10055	42	41	41	26	12	58	8	02	5	7	6	1	2		6							
	21	10064	41	41	41	27	10	16	8	51	5	8	6	1			6			24	28	274	001	44
21	00	10068	41	41	41	27	09	16	8	51	5	8	7	2			6							
	03	10066	41	41	41	27	18	08	8	50	5	8	7	2			6							
	06	10079	42	42	42	27	17	08	8	53	5	8	7	2			6							
	09	10086	42	42	42	27	12	16	8	50	5	8	7	2			6							
	12	10084	42	42	42	27	24	32	8	02	2	8	7	2			6							
	15	10078	43	43	43	27	25	16	8	10	2	8	7	1			6							
	18	10074	43	42	43	27	27	08	8	47	2	8	6	0			6							
	21	10076	42	42	42	26	26	08	8	45	4	8	6	0			6			27	38	329	004	47
22	00	10069	41	41	41	28	24	08	8	50	4	8	7	0			6							
	03	10069	41	41	41	29	17	04	8	45	5	8	6	0			6							
	06	10057	42	42	42	28	09	58	8	10	4	8	6	2			6							
	09	10034	45	44	44	29	13	58	8	10	8	1	5	5	7		6	6						
	12	10026	46	45	43	29	17	58	6	10	2	6	0	9	7		6	6						
	15	10008	47	46	44	31	25	48	6	10	2	6	6	2			7							
	18	9994	44	44	44	31	20	02	8	47	2	8	6	0			7							
	21	9995	43	43	43	30	25	24	8	10	4	8	6	1			7			27	38	486	000	49
23	00	10006	42	42	41	29	25	74	3	01	8	3	2	5			6							
	03	10017	42	40	37	29	23	74	7	02	1	7	2	5			6							
	06	10027	43	41	38	29	23	80	4	01	1	4	8	5			6							
	09	10045	44	41	37	29	28	66	5	01	1	5	8	5			6							
	12	10051	45	42	37	30	27	74	2	02	2	2	8	5		1	7							
	15	10051	45	43	39	30	25	66	3	03	0	3	2	3			7							
	18	10036	43	42	41	30	25	58	6	10	1	1	6	2	4		7							
	21	10009	42	42	41	32	23	58	8	10	2	2	6	2	7		7			31	38	547	001	47
24	00	9955	43	43	42	33	31	58	8	10	2	5	6	2	7		7							
	03	9926	41	40	39	29	38	66	7	21	6	3	7	4	7		6							
	06	9937	41	39	34	29	42	74	3	01	6	3	2	5			6							
	09	9948	43	39	34	30	30	74	5	02	2	5	4	5			7							
	12	9944	44	41	38	30	25	74	4	02	2	4	4	5			7							
	15	9937	42	38	32	28	30	66	5	25	8	5	2	5			7							
	18	9933	41	38	34	29	28	74	6	25	8	6	2	5			7							
	21	9932	39	36	33	29	34	74	6	25	8	6	2	5			6			30	59	677	001	45
25	00	9927	39	36	30	29	37	74	5	25	8	5	2	5			6							
	03	9922	40	37	32	28	34	74	7	25	8	7	2	5			6							
	06	9929	39	36	31	28	30	74	7	80	8	7	2	5			6							
	09	9934	37	35	32	26	32	66	7	80	8	7	2	5			6							
	12	9937	42	37	30	26	38	74	5	25	8	5	4	5			6							
	15	9923	42	37	29	27	24	74	5	02	2	4	2	5		1	6							
	18	9915	40	36	27	28	20	20	2	02	1	2	2	5		1	6							
	21	9898	38	36	33	29	14	80	2	02	0	2	8	5			6			28	53	692	005	43
26	00	9985	38	35	30	26	10	84	2	01	0	2	4	5			6							
	03	9873	36	33	29	22	08	84	2	03	0	2	2	5			6							
	06	9876	38	35	29	22	09	84	3	03	0	3	2	5			6							
	09	9876	40	37	29	18	16	84	5	25	8	5	2	5			4							
	12	9879	41	37	30	20	13	84	6	80	8	6	2	5			5							
	15	9874	39	36	31	23	12	84	7	80	8	7	2	5			5							
	18	9870	37	35	31	18	12	84	5	25	8	5	2	5	3		4							
	21	9870	37	35	32	22	15	84	6	03	8	5	8	5	3		4			24	39	388	000	43
27	00	9863	36	35	33	18	18	80	3	80	8	3	2	5			4							
	03	9866	36	35	33	20	17	66	8	66	7	8	6	4			4							
	06	9874	35	34	30	18	14	66	7	66	7	7	6	4			4							
	09	9872	38	34	27	17	18	84	5	84	8	5	2	5			4							
	12	9869	39	35	28	18	17	82	7	82	8	7	2	5			5							
	15	9863	41	36	29	19	10	84	5	84	8	5	2	5			4							
	18	9857	37	34	30	18	14	84	4	84	8	4	9	5			5							
	21	9853	35	32	27	18	12	80	4	80	8	4	9	5			5			17	35	321	016	41

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HOUR	STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
	mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
00	9843	35	32	26	20	13	80	3	01	0	3	2	5			4								
03	9833	34	32	28	20	11	84	3	26	8	3	9	5			4								
06	9829	36	33	27	20	13	80	6	85	8	6	9	5	3		4	4							
09	9818	35	33	29	20	15	66	8	86	8	8	9	5			4								
12	9808	38	34	26	18	14	82	7	15	8	7	2	5			4								
15	9803	40	35	25	19	13	82	6	02	2	6	2	5			5								
18	9796	37	33	23	18	12	82	4	26	8	4	2	5	3	1	5	5							
21	9794	35	32	26	22	06	80	5	26	8	5	3	5			5			18	38	310	004	42	33
00	9787	35	33	29	26	15	80	4	27	8	4	3	5			5								
03	9781	36	33	27	25	10	80	7	27	8	7	3	5			5								
06	9789	36	33	27	21	17	16	8	86	8	8	2	5			5								
09	9793	36	35	31	25	20	48	8	85	8	8	2	4			5								
12	9802	37	35	32	26	30	58	8	85	8	8	2	4			6								
15	9810	38	35	27	26	30	74	8	02	8	6	2	5	7		6								
18	9822	38	34	26	26	28	74	8	02	8	7	2	5	7		6								
21	9840	37	34	31	26	28	74	7	80	8	7	2	5			5			26	59	294	005	39	33
00	9853	37	33	25	26	33	74	8	02	8	8	2	5			6								
03	9871	37	33	25	26	27	80	8	27	8	8	2	5			6								
06	9887	38	34	27	26	25	82	8	02	2	8	2	5			6								
09	9904	39	34	27	26	23	82	8	02	2	8	2	5			6								
12	9912	42	38	31	27	22	84	6	01	1	6	8	5			6								
15	9917	41	38	33	28	17	84	6	02	2	6	8	5			6								
18	9915	40	38	34	30	10	84	7	02	2	6	8	5	3		6								
21	9905	40	38	35	35	09	80	7	60	2	2	7	5	7		7			26	49	867	001	44	35
00	9864	40	40	40			80	8	61	2	2	7	5	2		7								
03	9813	41	41	41			66	8	61	6	4	7	2	2		7								
06	9732	43	43	43			61	8	61	6	4	7	2	2		7								
09	9687	43	43	43	30	16	05	8	44	6	8	7	0			7								
12	9681	41	39	35	30	30	74	8	02	4	8	5	4			7								
15	9656	39	38	37	30	35	48	8	05	5	8	6	3			7								
18	9662	35	35	35	27	49	16	8	71	7	8	7	2			6								
21	9734	35	34	34	25	55	16	8	68	7	8	7	2			6			26	86	301	056	46	38

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURE	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	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	9895	33		24	16	18	84	7	03	1	4	5	6	2		2	2							
	05	9890	35		24	16	20	84	6	14	2	3	5	6	2		2	2							
	08	9882	37		26	12	11	84	6	03	2	6	5	6			2								
	11	9895	38		27	00	00	84	7	02	2	7	5	6			2								
	14	9899	40		24	00	00	84	5	01	1	2	5	6	3	0	2	3							
	17	9903	42		23	00	00	84	1	01	0	1	5	6	0	0	3								
	20	9913	40		27	00	00	84	1	02	0	1	5	6	0	0	3								
	23	9926	35		24	23	05	84	0	01	0	0	0	9	0	0				17	28	240		43	33
02	02	9938	31		21	14	19	84	0	02	0	0	0	9	0	0									
	05	9942	29		18	15	21	84	1	03	0	1	5	6	0	0	3								
	08	9946	35		23	14	13	84	6	03	1	0	0	9	0	9			5						
	11	9945	36		22	00	00	84	6	02	1	1	5	6	3	1	5	5	5						
	14	9943	35		22	00	00	84	7	03	2	5	0	9	3	1		5	5						
	17	9930	37		26	00	00	80	8	03	2	5	0	9	1	7		1	8						
	20	9919	34		25	04	08	80	8	14	2	1	5	6	2		1	1							
	23	9916	34		25	11	20	80	8	14	2	1	5	6	2		1	1		12	33	214		37	29
03	02	9916	32		22	12	26	66	8	71	2	8	6	4			3								
	05	9907	31		21	12	34	66	8	71	7	8	6	5			3								
	08	9906	31		22	12	32	66	8	71	7	8	6	5			4								
	11	9906	33		23	13	32	66	8	71	7	4	6	5	2		2								
	14	9915	34		25	08	11	74	8	14	2	4	6	5	2		2								
	17	9911	35		24	08	12	74	8	14	2	2	6	5	2		2								
	20	9914	34		25	07	08	74	8	02	2	5	4	5	2		2								
	23	9910	32		22	11	17	80	8	02	2	2	4	5	2		2			12	47	346		36	31
04	02	9912	31		21	15	14	74	7	02	2	7	0	9	7										
	05	9908	31		22	13	18	84	8	02	2	6	0	9	7	7									
	08	9908	32		21	13	07	80	8	02	2	6	0	9	3	7									
	11	9906	33		23	10	11	80	8	02	2	1	1	3	3	7									
	14	9903	34		24	11	12	80	8	02	2	1	1	4	7	7									
	17	9897	34		25	11	12	74	8	17	2	3	6	4	1										
	20	9888	34		24	11	11	80	8	02	2	1	1	4	7										
	23	9882	31		22	11	07	80	5	02	2	2	0	9	7	4				13	23	399		35	30
05	02	9866	28		18	13	17	74	4	05	1	0	0	9	3	8									
	05	9859	26		16	13	22	80	3	02	1	0	0	9	3	8									
	08	9854	30		19	13	19	84	5	02	2	3	0	9	7	8									
	11	9843	34		21	13	26	82	6	03	2	1	8	4	7	6	2								
	14	9842	33		21	11	23	80	8	14	2	4	6	4	1		2								
	17	9842	32		22	09	20	74	8	14	2	1	6	4	1		2								
	20	9846	32		22	11	13	74	8	14	2	4	6	4	1		2								
	23	9840	30		19	12	27	80	8	14	2	4	6	4	1		2			12	34	370		35	24
06	02	9848	29		18	12	23	80	8	02	2	6	0	9	7			2							
	05	9848	29		19	13	23	80	8	14	2	6	0	9	7			2							
	08	9852	31		19	12	21	82	8	14	2	8	0	9	7			2							
	11	9854	35		22	13	23	82	8	02	2	5	0	9	7		2	2							
	14	9861	35		22	10	21	82	7	14	2	1	4	6	7		2	2							
	17	9867	35		24	10	24	74	8	14	2	2	4	6	7		2	2							
	20	9869	33		23	10	22	74	8	14	2	1	4	6	7	8	2	2							
	23	9882	31		22	11	22	74	8	14	2	3	5	6	2		2	2		11	35	449		36	25
07	02	9892	30		21	13	24	74	8	02	2	7	0	9	7			2							
	05	9897	29		19	13	20	74	8	14	2	7	0	9	7			2							
	08	9897	30		18	14	20	74	8	02	2	8	6	7			2								
	11	9893	35		21	12	18	80	7	02	2	7	0	9	5		2								
	14	9890	35		22	06	08	80	7	02	2	3	5	6	4		2	2							
	17	9884	34		24	09	01	82	7	02	2	3	5	6	4		2	2							
	20	9878	33		23	24	01	82	7	02	2	6	0	9	6	1									
	23	9871	34		25	09	05	82	7	02	2	7	0	9	7					13	32	524		36	2
08	02	9861	29		18	13	22	84	7	02	2	7	0	9	7		2								
	05	9843	26		14	13	29	84	3	01	1	3	5	7			2								
	08	9830	28		15	13	28	84	8	03	1	1	0	9	1	7			8						
	11	9827	33		18	12	22	84	7	03	2	1	0	9	1	6			6						
	14	9826	37		22	11	18	84	4	01	1	1	0	9	4	9			2						
	17	9822	37		27	06	10	84	6	03	1	0	0	9	0	6									
	20	9821	35		24	07	05	84	7	02	2	0	0	9	0	8									
	23	9819	31		19	13	24	84	2	01	0	0	0	9	0	8				13	38	320		38	2
09	02	9834	29		15	13	27	84	0	01	1	0	0	9	0	0									
	05	9838	31		17	13	26	84	1	03	1	0	0	9	0	5									
	08	9845	35		19	13	27	84	4	03	1	0	0	9	0	8									
	11	9865	37		23	12	15	84	2	01	0	1	5	5	0	8									
	14	9888	35		26	06	11	84	3	03	0	1	4	5	0	8									
	17	9897	38		27	05	08	84	7	03	2	7	5	6	0	0									
	20	9908	37		27	25	01	84	3	02	0	3	0	9	3	0									
	23	9924	34		22	14	15	84	1	01	0	1	0	9	3	0				14	38	440		39	2

Results of Surface Observations,
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CAL CARD ME			TEMPERATURES			SURFACE WIND							LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
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
02	9928	27		16	14	24	84	1	02	0	1	0	9	3	0									
05	9931	27		15	13	27	84	1	02	1	1	0	9	3	0									
08	9933	33		18	14	22	84	1	02	0	1	0	9	3	0									
11	9933	35		21	14	16	84	0	01	0	0	0	9	0	0									
14	9938	37		22	24	06	84	0	02	0	0	0	9	0	0									
17	9931	36		21	23	06	84	0	02	0	0	0	9	0	0									
20	9928	39		25	06	01	84	1	03	0	0	0	9	0	5									
23	9925	32		21	14	20	84	4	03	1	3	0	9	7	4				13	37	353		40	27
02	9923	30		16	13	21	84	7	03	1	4	0	9	3	8									
05	9924	30		13	13	16	84	1	01	1	0	0	9	0	5									
08	9922	31		16	13	13	84	1	03	0	1	5	5	0	0									
11	9916	33		16	09	05	87	1	02	1	0	0	9	0	8									
14	9917	32		23	30	06	84	1	02	1	1	8	5	0	0									
17	9920	31		25	27	06	82	4	03	1	4	8	6	0	0	3								
20	9916	31		26	25	04	84	1	01	0	1	5	5	0	0									
23	9925	30		26	22	01	84	5	03	2	5	5	5	0	0	6			14	28	305		34	28
02	9928	29		19	14	13	84	0	01	1	0	0	9	0	0									
05	9931	26		12	14	25	84	1	03	0	1	5	5	0	0									
08	9935	29		17	10	15	87	2	03	0	2	5	6	0	0									
11	9921	32		19	10	20	89	1	02	1	1	5	6	0	0									
14	9929	34		23	06	14	87	1	02	1	1	5	6	0	0									
17	9929	35		28	06	13	87	3	03	1	3	5	6	0	0	2								
20	9937	32		25	00	00	87	2	01	1	2	4	6	0	0									
23	9942	30		20	09	14	87	1	01	0	1	4	6	0	0	2			12	35	176		36	26
02	9954	27		15	14	20	84	1	02	0	1	4	6	0	0									
05	9968	27		15	13	24	84	2	03	0	1	5	5	0	6									
08	9981	33		21	12	19	84	3	03	2	0	0	9	0	6									
11	10006	36		23	00	00	84	1	01	0	0	0	9	0	2									
14	10008	35		24	00	00	84	1	01	0	0	0	9	0	2									
17	10019	36		26	24	05	84	1	02	0	0	0	9	0	1									
20	10020	39		27	07	03	84	0	02	0	0	0	9	0	0									
23	10022	36		22	14	16	84	0	02	0	0	0	9	0	0				14	38	374		39	25
02	10020	31		18	12	27	84	0	02	0	0	0	9	0	0									
05	10014	31		18	11	25	84	1	03	0	1	5	6	0	0	2								
08	10009	33		21	11	10	84	6	03	2	6	5	6	0	0	2								
11	9985	38		25	13	23	82	7	03	2	7	5	6	0	0	2								
14	9965	40		27	13	23	82	6	02	2	6	5	6	0	0									
17	9938	41		26	13	25	82	0	01	1	0	0	9	0	0									
20	9917	40		22	13	31	84	0	02	0	0	0	9	0	0									
23	9896	39		22	13	36	84	0	02	0	0	0	9	0	0				13	47	696		42	29
02	9881	37		18	13	40	84	0	02	0	0	0	9	0	0									
05	9876	34		17	13	35	84	0	02	0	0	0	9	0	0									
08	9876	33		17	13	36	84	0	02	0	0	0	9	0	0									
11	9875	37		21	13	24	80	1	03	0	1	0	9	3	0									
14	9878	37		21	12	32	80	2	03	1	2	0	9	3	0		3							
17	9869	35		21	13	33	80	6	03	1	6	5	6	0	0	3								
20	9856	34		20	11	30	82	4	01	1	4	5	6	0	0	2								
23	9838	31		17	13	38	84	1	01	1	1	5	6	0	0	2			13	55	712		38	30
02	9828	27		14	13	40	80	2	02	1	2	5	6	0	0	2								
05	9813	29		16	13	39	82	3	03	1	2	5	6	0	6	2								
08	9789	32		16	13	42	82	6	03	1	1	5	6	4	6	2								
11	9778	33		18	13	42	82	6	02	2	1	5	6	4	9									
14	9768	35		19	13	40	82	7	02	2	2	0	9	3	6		2							
17	9762	34		20	13	37	74	8	14	2	8	0	9	2	0		2							
20	9765	33		20	13	37	80	8	14	2	8	0	9	7	0		2							
23	9766	32		17	13	40	80	8	14	2	7	0	9	7	0		2		13	62	712		35	27
02	9777	30		15	13	28	80	8	02	2	8	0	9	7	0									
05	9783	30		14	13	39	80	7	01	2	7	0	9	7	0									
08	9786	31		14	13	34	80	7	14	2	1	5	6	7	0	2								
11	9794	33		17	13	34	80	8	14	2	6	0	9	7	8		2							
14	9804	33		18	13	32	80	7	14	2	2	5	6	7	0									
17	9808	34		20	13	36	80	7	14	2	3	5	6	7	0	2								
20	9818	33		19	13	41	74	7	15	2	2	5	6	7	8	2								
23	9832	32		17	13	41	74	7	15	2	1	5	6	7	0				13	65	861		34	28
02	9854	32		17	13	46	74	7	15	2	1	5	6	7	0									
05	9848	31		16	13	41	80	7	14	2	3	5	6	5	0	2								
08	9856	32		17	13	34	80	7	14	2	4	5	6	3	0	2								
11	9865	34		19	13	37	80	7	14	2	1	5	6	7	8	2								
14	9864	35		21	13	37	80	7	14	2	1	5	6	7	8									
17	9869	35		22	13	36	80	7	14	2	1	5	6	7	8	2								
20	9874	35		20	13	35	80	7	14	2	4	6	6	7	1									
23	9889	32		19	13	36	80	7	14	2	6	5	6	7	0				13	63	866		35	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
19	02	9882	31		15	13	34	84	8	02	2	7	0	9	7	0									
	05	9882	29		13	13	32	82	7	14	2	2	5	6	7	0									
	08	9884	30		14	13	33	82	7	14	2	5	5	5	7	0	2								
	11	9885	32		17	13	22	74	8	15	2	5	5	5	7	0	2								
	14	9883	35		19	13	20	80	7	01	2	5	5	5	7	0									
	17	9882	35		22	13	15	82	7	01	2	4	5	7	3	0									
	20	9882	35		23	13	13	80	8	02	2	8	0	9	3	0									
	23	9883	33		21	13	14	82	7	02	2	7	0	9	3	0				13	51	807		36	29
20	02	9886	29		15	14	16	84	1	01	0	1	0	9	3	0									
	05	9890	25		13	14	18	84	1	02	0	1	0	9	3	0									
	08	9898	28		15	13	15	84	1	02	0	1	0	9	3	0									
	11	9903	33		18	11	13	84	1	02	0	1	0	9	3	0									
	14	9913	35		20	06	09	84	2	03	0	2	0	9	7	0									
	17	9921	33		23	05	12	84	2	02	1	2	0	9	3	0									
	20	9930	32		27	05	11	82	3	03	1	1	4	4	3	0	2								
	23	9937	31		25	10	13	80	5	15	1	3	4	4	7	9	2			13	30	370		35	24
21	02	9945	29		23	12	15	80	7	03	2	7	4	4	0	0									
	05	9950	28		25	00	00	80	7	71	7	7	5	4	0	0									
	08	9950	29		20	13	24	08	8	71	7	8	5	4	0	0									
	11	9952	30		18	12	26	66	8	15	7	4	5	4	7	0									
	14	9956	31		19	13	26	74	8	15	2	5	5	4	7	0	2								
	17	9961	31		20	13	26	74	8	15	2	4	5	4	7	8	1								
	20	9985	31		19	12	20	74	8	15	2	5	5	5	1	0									
	23	9977	30		19	12	16	74	8	14	2	5	5	5	7	0				12	36	597		31	28
22	02	9987	28		17	14	10	82	7	14	2	4	5	6	7	0	1								
	05	9991	28		16	13	17	80	8	14	2	4	5	6	7	0	1								
	08	9997	29		15	14	19	80	7	14	2	1	5	6	7	0									
	11	10000	32		19	13	19	84	7	02	2	6	0	9	3	6									
	14	10003	35		21	12	15	84	4	02	1	1	5	7	7	0									
	17	10004	34		23	12	14	84	6	03	1	3	8	4	7	2									
	20	10008	33		24	09	07	84	7	02	2	5	4	6	3	0									
	23	10011	32		24	13	06	84	8	02	2	6	5	6	3	0				12	27	464		36	28
23	02	10012	29		19	14	12	80	3	01	0	1	4	6	3	0									
	05	10012	25		15	14	20	84	3	02	0	1	4	5	3	0									
	08	10008	27		18	13	16	84	6	03	2	5	5	5	3	0									
	11	10008	31		20	06	06	84	5	03	2	1	4	5	3	0									
	14	10000	33		24	06	07	82	7	03	2	7	5	6	0	0									
	17	9994	32		24	04	08	82	7	14	7	7	5	6	0	0	1								
	20	9987	32		22	11	13	82	7	14	2	2	5	6	7	0									
	23	9982	31		22	13	14	80	8	02	2	2	6	4	7	0				14	28	311		34	29
24	02	9969	30		15	12	10	82	6	01	2	6	0	9	7	0									
	05	9957	26		18	13	27	84	3	01	0	1	5	6	3	0									
	08	9941	26		11	14	34	84	2	02	1	2	0	9	3	0									
	11	9928	30		16	13	27	87	1	01	1	0	0	9	0	9									
	14	9921	33		17	11	20	87	1	02	0	0	0	9	0	2									
	17	9911	32		16	09	13	84	1	01	0	1	0	9	3	0									
	20	9906	30		21	07	04	84	1	01	0	1	0	9	3	0									
	23	9902	26		14	13	20	84	0	01	0	0	0	9	0	0				14	47	335		34	24
25	02	9904	23		08	14	20	84	0	02	0	0	0	9	0	0									
	05	9906	23		08	14	18	84	0	02	0	0	0	9	0	0									
	08	9911	23		08	14	26	84	0	02	0	0	0	9	0	0									
	11	9925	28		12	14	18	84	0	02	0	0	0	9	0	0									
	14	9929	32		13	12	19	84	0	02	0	0	0	9	0	0									
	17	9945	32		16	07	14	84	2	03	0	1	5	7	0	2									
	20	9958	30		18	10	12	84	7	03	2	1	5	6	0	1									
	23	9961	25		12	13	26	84	7	02	2	6	0	9	8	8				14	37	405		32	22
26	02	9971	23		10	14	30	84	6	01	2	2	0	9	3	8									
	05	9969	23		09	14	32	84	5	02	2	1	0	9	4	8									
	08	9977	25		10	14	25	84	5	02	2	1	0	9	4	8									
	11	9967	31		15	12	20	87	6	02	2	1	0	9	4	6									
	14	9955	35		18	13	25	87	5	01	2	1	0	9	3	6									
	17	9941	35		17	13	27	87	2	01	1	0	0	9	0	8									
	20	9929	33		15	14	31	87	1	01	0	0	0	9	0	2									
	23	9921	31		14	14	31	87	4	03	1	0	0	9	7	8		2		14	57	508		36	22
27	02	9911	33		18	14	30	84	4	03	1	4	0	9	7	0									
	05	9906	34		17	14	26	84	8	14	2	3	5	5	7	0									
	08	9909	36		18	14	26	82	8	14	2	4	5	6	7	0									
	11	9912	36		19	14	21	82	8	14	2	4	5	6	7	0	2								
	14	9919	38		23	14	15	84	7	02	2	5	5	7	7	0									
	17	9908	40		23	14	16	87	1	01	0	1	0	9	3	0									
	20	9906	38		25	14	11	87	1	01	0	1	0	9	4	0									
	23	9900	31		18	14	18	84	1	02	0	1	0	9	4	0				14	59	606		40	27

Results of Surface Observations,
MAWSON JAN., 1965

CAL DARD ME		TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
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
02	9897	25		12	16	22	87	0	02	8	0	0	9	0	0									
05	9893	24		12	16	26	87	3	03	0	0	0	9	0	2									
08	9884	30		15	14	25	87	4	02	0	0	0	9	0	2									
11	9886	35		20	13	18	84	2	02	0	1	0	9	3	8									
14	9890	37		24	10	12	84	3	03	1	0	0	9	0	8									
17	9894	35		24	08	08	84	2	03	1	1	0	9	3	2									
20	9897	35		24	24	04	87	1	03	1	1	0	9	3	8									
23	9901	30		19	13	19	84	2	03	0	2	0	9	3	0				14	36	386		38	23
02	9907	26		14	13	25	84	3	03	0	3	0	9	3	0									
05	9912	27		14	13	30	84	2	01	1	2	0	9	3	8									
08	9912	29		16	13	30	84	2	02	0	2	0	9	3	8									
11	9918	36		21	11	17	87	2	02	0	1	0	9	3	8									
14	9928	37		23	33	05	87	2	02	0	1	0	9	3	8									
17	9932	39		25	26	04	87	1	01	0	1	0	9	3	0									
20	9936	37		23	13	14	87	2	03	0	1	5	7	3	0									
23	9946	37		23	12	16	84	7	03	2	1	5	5	7	0				13	40	390		39	25
02	9949	35		22	14	21	82	7	01	0	7	0	9	3	0									
05	9958	33		21	14	20	82	7	03	2	7	0	9	7	0									
08	9959	33		20	14	23	82	7	02	2	7	0	9	7	0									
11	9961	37		23	14	21	82	7	02	2	7	0	9	3	0									
14	9967	41		26	11	11	84	1	01	1	1	0	9	7	0									
17	9968	38		25	14	04	88	2	03	1	1	4	5	3	0									
20	9961	39		27	14	10	87	1	01	0	1	5	7	0	0									
23	9956	33		21	14	23	82	2	03	1	2	0	9	3	0				14	32	320		41	31
02	9934	31		17	13	24	80	8	02	1	8	0	9	7	0									
05	9942	30		17	13	30	82	8	02	2	2	5	6	7	0									
08	9935	32		18	13	25	84	5	01	2	3	5	6	3	1									
11	9931	35		20	11	16	84	3	01	2	2	0	9	3	8									
14	9927	37		23	10	16	84	2	02	0	1	0	9	4	8									
17	9920	38		23	10	16	84	1	01	1	1	0	9	4	0									
20	9928	35		21	12	15	87	1	02	0	1	0	9	4	0									
23	9928	33		17	14	26	84	5	03	1	5	0	9	3	0				14	44	412		39	30

Results of Surface Observations,
MAWSON February, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD				MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATUR	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE				LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	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	9931	31		15	14	25	84	1	01	1	1	0	9	3	0										
	05	9933	31		19	14	29	84	1	02	0	1	0	9	3	0										
	08	9939	31		17	13	26	84	1	02	0	1	0	9	3	0										
	11	9943	36		22	13	19	84	4	03	1	4	0	9	3	0										
	14	9953	38		21	13	20	82	7	03	2	2	4	7	3	0										
	17	9969	38		25	10	11	82	7	02	2	2	4	7	3	0										
	20	9976	36		25	05	10	84	7	02	2	2	4	6	7	0										
	23	9986	35		24	09	08	82	8	02	2	1	4	6	7	0				13	39	473		41	2
02	02	9983	33		26	14	16	82	7	02	2	1	5	6	7	0									
	05	10004	34		26	12	14	82	7	02	2	5	5	7	7	0									
	08	10009	35		26	12	13	84	7	03	2	5	5	6	7	0									
	11	10010	37		27	12	22	84	7	02	2	3	5	6	7	0									
	14	10017	37		27	12	18	80	8	14	2	8	0	9	7	0									
	17	10015	38		27	10	14	82	7	01	2	1	5	7	7	0									
	20	10009	37		27	11	12	84	7	02	2	7	0	9	7	0									
	23	10007	35		25	12	12	84	7	02	2	5	6	6	2	0				13	31	357		38	3
03	02	10000	34		24	13	12	84	8	02	2	5	5	5	3	0									
	05	9996	34		25	13	19	80	8	14	2	4	5	5	7	0									
	08	9993	33		25	15	15	82	8	02	2	4	5	6	7	0									
	11	9988	34		25	10	10	82	8	14	2	3	5	6	7	0									
	14	9985	35		28	09	10	84	7	14	2	7	0	9	7	0									
	17	9976	35		28	10	12	84	8	02	2	5	5	7	2	0									
	20	9971	33		29	00	00	82	8	02	2	5	5	6	2	0									
	23	9954	33		25	11	26	80	8	02	2	3	5	6	2	0				12	36	363		35	3
04	02	9959	33		24	12	25	80	8	70	7	2	5	6	2	0									
	05	9959	32		23	11	18	82	8	15	2	2	5	6	2	0									
	08	9954	31		22	15	29	80	8	15	2	8	5	5	0	0									
	11	9947	33		24	12	32	74	8	70	2	5	5	5	7	0									
	14	9953	34		23	12	26	74	8	15	7	3	5	5	7	0	2								
	17	9959	35		24	11	23	74	8	15	2	3	5	5	7	0	2								
	20	9961	33		23	12	11	80	7	14	2	3	5	7	7	1									
	23	9958	30		20	13	18	82	5	01	1	2	0	9	3	1				12	42	373		35	2
05	02	9959	27		16	13	23	82	2	02	1	2	0	9	3	0									
	05	9957	26		15	13	25	84	3	03	2	1	5	6	3	0									
	08	9955	27		15	13	23	84	7	03	2	7	5	6	0	0									
	11	9952	32		20	12	15	80	8	02	2	8	5	6	0	0									
	14	9947	33		22	08	12	84	3	01	2	1	8	6	3	1	2								
	17	9944	33		22	09	14	84	6	03	1	6	8	6	0	0	2								
	20	9936	30		19	11	14	84	2	01	2	2	8	6	0	0	2								
	23	9931	26		15	13	25	80	6	15	1	6	8	6	0	0	2			13	38	478		34	2
06	02	9923	25		14	13	29	82	1	15	1	1	5	6	0	0									
	05	9919	22		11	13	27	82	3	14	1	2	5	6	4	0									
	08	9911	25		14	13	31	80	7	03	1	6	5	6	4	0									
	11	9901	28		18	13	32	82	7	02	2	7	8	5	0	0	2								
	14	9898	29		17	12	30	82	7	02	2	7	8	5	0	0									
	17	9897	28		16	12	28	84	7	02	2	5	5	6	3	0	2								
	20	9906	27		16	12	23	84	7	02	2	1	5	6	3	6									
	23	9903	25		13	12	26	84	7	02	2	7	5	6	0	0				12	58	403		29	2
07	02	9907	25		11	13	30	84	7	02	2	1	0	9	4	6									
	05	9917	24		08	14	30	84	5	02	2	1	0	9	3	8									
	08	9923	24		09	13	28	84	7	03	2	2	5	7	0	6									
	11	9929	27		14	11	25	84	3	01	2	2	5	7	0	2									
	14	9929	27		14	12	26	84	5	03	1	5	5	6	0	0	2								
	17	9931	29		15	13	22	84	1	01	0	1	5	6	0	0									
	20	9930	27		13	13	22	84	1	02	0	1	1	6	0	0									
	23	9932	21		08	13	22	84	1	02	0	1	1	6	0	0				13	48	784		30	2
08	02	9930	20		07	14	20	80	0	02	0	0	0	9	0	0									
	05	9927	19		06	16	24	84	0	02	0	0	0	9	0	0									
	08	9924	23		06	13	27	87	0	02	0	0	0	9	0	0									
	11	9915	26		10	14	28	87	0	02	0	0	0	9	0	0									
	14	9908	30		14	13	24	87	1	03	0	0	0	9	0	1									
	17	9905	30		15	13	18	87	1	02	0	0	0	9	0	1									
	20	9907	26		12	13	18	87	1	02	1	1	4	6	0	0									
	23	9907	21		07	14	24	87	1	02	1	1	0	9	3	0				13	44	544		30	1
09	02	9910	19		06	14	20	84	1	02	0	1	0	9	3	0									
	05	9914	19		06	14	22	84	1	02	0	1	5	6	0	0									
	08	9914	23		09	14	22	84	1	02	0	1	5	6	0	0									
	11	9918	27		14	13	15	84	1	02	0	1	5	6	0	0									
	14	9922	30		14	08	10	84	1	02	0	1	5	6	0	0									
	17	9927	30		15	04	01	84	7	03	1	7	5	7	0	0	2								
	20	9930	30		20	13	10	84	7	02	2	7	5	7	0	0	2								
	23	9932	28		17	12	18	84	7	02	2	7	5	7	0	0	2			13	55	511		31	1

Results of Surface Observations,
MAWSON February, 1965

CAL DARD ME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE C_L	BASE h	MIDDLE CLOUD C_M	HIGH CLOUD C_H	LOW D_L	MIDDLE D_M	HIGH D_H	DIRECTION °×10	SPEED kt	ANEMOMETER WIND RUN St.miles	PRECIPITATION Points	MAXIMUM °F	MINIMUM °F
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
	02	9941	26		17	13	17	82	7	02	2	7	5	7	0	0	2								
	05	9938	26		17	13	22	82	7	14	2	7	5	6	0	0									
	08	9938	27		17	11	21	80	7	14	2	7	5	6	3	0									
	11	9944	29		20	09	08	80	8	14	2	3	5	6	7	0									
	14	9948	31		21	08	12	82	8	14	2	3	5	6	7	0									
	17	9947	32		22	00	00	82	7	14	2	7	5	6	0	0	2								
	20	9939	33		21	12	16	84	7	02	2	7	5	6	0	0	2								
	23	9939	33		20	13	18	84	7	02	2	7	5	6	0	0	2			14	32	310		33	26
	02	9933	31		18	15	17	84	7	02	2	7	5	6	0	0	2								
	05	9937	30		17	16	16	84	7	02	2	6	5	6	3	0									
	08	9923	28		15	13	24	84	6	02	2	6	0	9	3	0									
	11	9915	32		19	13	18	84	6	03	1	6	0	9	7	0									
	14	9915	35		22	11	16	84	7	02	1	7	0	9	7	0									
	17	9917	36		24	10	14	84	6	02	1	6	0	9	3	0									
	20	9916	33		21	12	18	84	7	03	1	7	5	7	0	0									
	23	9927	31		21	13	25	82	8	02	1	8	5	6	0	0				13	55	349		37	28
	02	9906	29		18	14	25	84	3	01	2	3	5	6	0	0	2								
	05	9899	32		20	14	30	84	8	14	2	6	5	6	3	0	2								
	08	9895	32		19	14	31	84	8	02	2	8	0	9	7	0									
	11	9888	35		21	13	30	84	8	02	2	2	5	6	7	0	2								
	14	9883	35		22	13	29	84	3	01	1	3	0	9	7	0									
	17	9878	35		22	12	30	84	4	02	1	3	5	6	3	0	2	2							
	20	9876	33		19	13	31	84	4	02	1	4	5	6	0	0									
	23	9862	31		16	13	38	84	2	01	1	2	5	6	0	0				13	55	475		36	29
	02	9858	31		16	14	40	84	2	02	0	2	5	6	0	0									
	05	9858	32		17	14	40	84	4	02	1	2	5	6	2	0									
	08	9852	33		18	14	44	84	6	03	1	2	5	6	7	0									
	11	9852	32		19	14	41	84	8	03	2	2	5	6	7	6									
	14	9863	33		20	13	44	82	8	18	2	4	0	9	7	7									
	17	9868	33		21	13	42	82	8	18	2	3	0	9	7	6									
	20	9878	31		19	13	39	82	8	18	2	3	0	9	7	6									
	23	9884	28		20	13	37	82	8	02	2	3	0	9	7	7				14	66	777		34	28
	02	9911	28		18	13	36	82	7	02	1	3	0	9	7	6									
	05	9925	26		18	13	36	82	4	02	1	2	0	9	7	5									
	08	9938	27		20	12	36	80	7	38	3	2	0	9	7	6									
	11	9951	30		20	13	33	82	7	15	3	3	0	9	7	6									
	14	9972	32		21	13	27	82	8	14	2	7	0	9	7	8									
	17	9981	32		21	13	30	82	7	15	2	7	0	9	7	0									
	20	10001	30		21	13	34	82	7	15	2	7	0	9	7	0									
	23	10022	28		20	13	35	82	8	15	2	8	0	9	7	0				13	55	887		33	26
	02	10047	27		21	13	31	74	6	36	2	6	0	9	7	0									
	05	10060	27		23	13	38	58	8	36	3	8	0	9	7	0									
	08	10073	29		23	13	37	74	8	15	3	4	5	7	7	7	2	2							
	11	10089	29		20	13	34	74	8	15	2	3	5	6	7	0	2	2							
	14	10084	33		23	13	32	80	7	03	1	1	5	6	7	6	2	2							
	17	10082	32		21	13	30	80	6	03	1	6	0	9	7	0									
	20	10073	28		17	13	38	80	6	03	1	6	0	9	5	0									
	23	10058	26		17	13	38	80	7	03	1	6	0	9	5	1				13	54	764		33	25
	02	10055	26		16	13	40	80	7	02	2	7	0	9	7	0									
	05	10045	27		16	13	40	82	8	02	2	6	0	9	7	0		2							
	08	10039	30		20	13	37	82	8	14	2	3	5	6	7	0	2	2							
	11	10034	33		23	12	30	82	8	15	2	3	5	5	7	0	2	2							
	14	10036	33		24	12	35	80	8	15	2	1	5	5	7	0									
	17	10039	34		24	11	32	80	8	15	2	3	5	5	2	0	2								
	20	10033	33		23	12	38	80	8	15	2	2	5	5	7	0									
	23	10040	35		23	12	30	80	8	15	2	5	5	5	2	0				14	60	762		35	25
	02	10032	35		22	13	34	80	8	15	2	2	6	5	7	0									
	05	10032	34		20	13	34	80	8	14	2	2	6	6	7	0									
	08	10017	36		18	14	31	82	6	01	1	6	0	9	3	0									
	11	10017	38		21	13	26	84	4	01	1	1	0	9	4	6									
	14	10006	39		24	13	20	84	4	02	1	0	0	9	0	6									
	17	9992	39		24	11	14	87	1	01	1	0	0	9	0	1									
	20	9993	33		26	08	07	87	0	01	0	0	0	9	0	0									
	23	9986	29		16	13	26	87	0	02	0	0	0	9	0	0				13	52	794		39	29
	02	9984	28		14	14	25	84	0	02	0	0	0	9	0	0									
	05	9987	29		13	14	18	87	0	02	0	0	0	9	0	0									
	08	9984	29		13	14	21	87	0	02	0	0	0	9	0	0									
	11	9995	32		17	13	20	87	0	02	0	0	0	9	0	0									
	14	9989	35		18	12	10	87	0	02	0	0	0	9	0	0									
	17	9998	32		17	08	03	84	0	02	0	0	0	9	0	0									
	20	9997	31		19	10	10	84	1	03	0	1	5	6	0	0									
	23	10002	26		13	13	21	84	1	02	0	1	0	9	4	0				13	36	463		36	21

Results of Surface Observations,
MAWSON February, 1965

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATUR	
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	10082	20		06	14	24	84	0	01	0	0	0	9	0	0									
	05	10002	18		04	13	27	84	1	03	0	1	5	5	0	0									
	08	9997	19		04	12	26	84	0	01	0	0	0	9	0	0									
	11	9994	25		09	12	19	84	1	03	0	1	1	5	0	0									
	14	9988	29		11	12	18	87	1	02	0	1	1	5	0	0									
	17	9984	27		10	12	22	87	2	02	0	1	1	5	0	1									
	20	9991	23		07	12	18	87	1	02	0	1	1	5	0	0									
	23	9992	17		05	14	26	87	1	02	0	1	1	5	0	0				13	59	373		29	16
20	02	9979	17		01	14	31	84	1	02	0	1	5	6	0	0									
	05	9977	17		00	14	30	84	1	02	0	1	5	6	0	0									
	08	9975	19		501	13	33	84	1	02	0	1	5	6	0	0									
	11	9974	20		05	14	32	87	1	02	0	1	5	6	0	0									
	14	9972	23		07	13	25	87	1	02	0	1	5	6	0	0									
	17	9972	22		06	13	28	87	1	02	0	1	5	6	0	0									
	20	9974	19		04	14	31	87	1	02	0	1	0	9	3	0									
	23	9978	16		00	14	27	87	1	02	0	1	0	9	3	0				14	46	506		24	16
21	02	9986	15		05	14	30	84	0	02	0	0	0	9	0	0									
	05	9987	15		05	14	30	84	2	02	0	2	5	7	0	0									
	08	9991	17		01	14	27	84	6	03	1	6	5	7	0	0									
	11	9999	20		05	14	20	84	7	03	2	7	5	7	0	0	2								
	14	9998	23		08	13	21	84	7	02	2	6	5	7	0	0	2								
	17	10000	26		10	13	12	84	6	02	2	6	5	7	0	0	3								
	20	10005	22		07	13	20	84	2	01	1	1	1	5	0	0	3								
	23	10002	16		00	14	28	84	1	01	1	1	5	7	0	0	3			14	45	625		26	15
22	02	10005	14		501	14	29	84	1	02	0	1	5	7	0	0									
	05	10001	14		501	14	26	84	1	02	0	1	5	7	0	0									
	08	10001	12		502	14	27	87	1	02	0	1	5	6	0	0									
	11	10000	18		03	14	21	87	1	02	0	1	5	7	0	0									
	14	10002	23		06	14	14	87	1	02	0	1	5	7	0	0									
	17	10000	23		05	13	13	87	5	03	1	5	0	9	5	0									
	20	10002	21		07	13	13	87	5	02	2	5	0	9	3	0									
	23	10000	17		04	14	19	84	7	02	2	7	5	7	0	0				14	42	462		24	12
23	02	10001	16		04	14	24	84	7	02	2	7	5	7	0	0									
	05	10000	17		01	14	20	82	8	02	2	8	5	7											
	08	9997	17		04	15	15	84	8	02	2	5	5	7	7										
	11	9994	19		04	14	21	84	8	14	2	4	5	7	7		6								
	14	9993	23		02	12	12	84	8	14	2	4	5	7	7										
	17	9989	23		08	05	10	84	8	14	2	4	5	7	7										
	20	9985	21		10	00	00	84	8	02	2	4	5	7	7										
	23	9978	21		10	14	09	84	7	02	2	5	5	7	3	0				13	34	359		23	15
24	02	9971	14		01	17	22	84	5	01	1	5	5	7	0	0									
	05	9965	11		506	15	27	84	1	01	1	1	5	7	0	0									
	08	9952	16		505	14	32	84	1	02	0	1	5	7	0	0									
	11	9945	20		501	13	31	84	1	02	0	1	5	7	0	0									
	14	9942	25		08	13	20	84	4	03	1	1	4	6	3	0									
	17	9934	25		08	13	17	84	7	14	2	7	8	6	0	0	2								
	20	9923	24		05	14	17	84	7	02	2	6	5	7	3	0									
	23	9910	20		02	14	26	84	7	02	2	7	5	7	0	0				14	44	323		26	11
25	02	9897	17		03	16	24	84	1	01	1	1	5	7	0	0									
	05	9894	18		00	16	28	84	1	01	0	1	5	7	0	0									
	08	9891	20		00	14	26	84	1	02	0	1	5	7	0	0									
	11	9892	23		05	13	18	84	0	01	0	0	0	9	0	0									
	14	9899	27		08	11	15	84	1	03	0	0	0	9	0	1									
	17	9910	28		08	09	13	87	4	03	1	0	0	9	0	1									
	20	9919	22		05	13	17	87	1	01	1	1	5	6	0	0									
	23	9928	19		01	13	33	84	0	02	0	0	0	9	0	0				14	43	471		28	15
26	02	9951	17		502	14	28	84	1	02	0	1	5	7	0	0									
	05	9957	21		03	14	29	84	7	03	1	7	5	7	0	0									
	08	9968	24		04	14	29	84	6	03	2	6	5	7	0	0									
	11	9979	25		05	12	21	84	7	03	2	7	5	8	0	0									
	14	9987	28		10	13	20	84	7	02	2	7	5	7	0	0									
	17	9992	27		10	12	23	84	7	02	2	7	5	6	0	0	2								
	20	10002	26		11	12	20	74	7	71	7	7	5	6	0	0									
	23	10008	25		10	13	21	74	7	15	7	7	5	6	0	0				14	45	499		28	17
27	02	10018	24		09	16	14	80	8	15	2	8	5	6											
	05	10013	23		08	15	17	80	8	15	2	8	5	6											
	08	10008	23		07	15	16	82	7	02	2	7	5	7	0	0									
	11	10001	24		07	14	19	84	5	01	2	5	0	9	3	0		7							
	14	9993	28		10	12	13	87	1	01	0	1	0	9	3	0									
	17	9985	29		11	12	11	87	1	02	0	1	0	9	3	0									
	20	9975	26		08	16	11	87	0	02	0	0	0	9	0	0									
	23	9966	20		07	13	19	84	2	03	1	2	5	7	0	0				16	53	411		30	19

Results of Surface Observations,
MAWSON February, 1965

CAL DARD ME		TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
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
02	9962	23		09	07	08	84	1	02	0	1	5	7	0	0									
05	9955	25		09	15	16	84	7	03	1	7	5	7	0	0									
08	9950	23		08	13	25	84	7	02	2	7	0	9	7	0									
11	9960	26		10	12	25	84	8	02	2	8	0	9	7										
14	9973	27		10	12	26	84	8	02	2	1	1	5	7										
17	9987	27		10	12	23	84	8	02	2	3	8	5	7		2								
20	9994	25		09	12	30	84	7	02	2	2	5	7	7	0									
23	9995	25		09	12	36	82	8	02	2	4	5	7	7					13	47	314		27	19

Results of Surface Observations,
MAWSON March, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATU
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F
01	02	10007	24		09	13	35	84	8	02	2	4	5	7	7									
	05	10006	24		08	13	36	84	8	02	2	8	0	9	7									
	08	10002	24		09	13	35	84	8	02	2	2	5	6	7									
	11	10001	25		12	13	37	84	8	02	2	1	5	6	7									
	14	9994	26		12	13	40	84	8	02	2	1	5	7	7		2							
	17	9987	27		14	13	45	80	8	18	2	4	5	7	7		2	1						
	20	10000	25		15	13	40	80	8	18	2	2	5	7	7		2							
	23	10005	25		13	13	37	80	8	18	2	3	5	7	7		2			13	63	667		27
02	02	9999	27		12	13	32	80	5	18	2	2	5	7	3	0								
	05	9957	27		11	13	50	82	7	03	2	1	5	7	7	0								
	08	9955	26		09	13	49	82	6	02	2	3	5	7	7	0								
	11	9953	28		11	12	39	80	7	02	2	5	0	9	7	8								
	14	9960	31		13	12	24	80	7	02	2	2	0	9	3	6								
	17	9956	30		12	12	21	80	7	02	2	1	5	7	4	8								
	20	9942	27		11	13	24	80	8	02	2	5	5	7	4	8								
	23	9932	25		08	12	24	82	7	02	2	3	0	9	3	6				13	67	910		31
03	02	9916	24		06	13	22	82	0	01	1	0	0	9	0	0								
	05	9907	24		05	12	23	84	0	02	0	0	0	9	0	0								
	08	9905	24		05	13	28	84	1	03	0	1	0	9	3	0								
	11	9905	30		08	13	24	87	1	03	1	0	0	9	0	2								
	14	9909	32		10	13	18	87	2	03	1	0	0	9	0	4								
	17	9918	31		13	13	22	84	3	03	1	0	0	9	0	4								
	20	9927	25		08	13	26	84	2	02	1	0	0	9	0	2								
	23	9936	21		03	13	26	84	0	01	1	0	0	9	0	0				13	45	608		33
04	02	9937	20		01	14	26	84	0	02	0	0	0	9	0	0								
	05	9943	20		01	14	30	84	0	02	0	0	0	9	0	0								
	08	9943	20		03	13	37	82	7	15	1	7	5	6	0	0	2							
	11	9938	21		05	13	38	82	7	02	2	7	5	6	0	0	2							
	14	9929	23		05	14	40	80	7	02	2	7	5	6	0	0								
	17	9914	24		05	14	38	82	7	15	2	7	5	7	0	0	1							
	20	9912	25		07	14	36	74	8	15	2	8	0	9	2									
	23	9919	24		06	14	36	74	8	13	2	8	0	9	2					14	64	542		25
05	02	9931	24		06	14	29	74	8	15	2	8	0	9	2									
	05	9929	24		06	15	24	74	8	15	2	8	5	6										
	08	9925	22		04	15	28	82	7	15	2	7	5	6	0	0	2							
	11	9926	22		04	15	30	82	8	14	2	8	5	6			2							
	14	9925	25		06	13	32	82	8	14	2	8	5	7			2							
	17	9929	25		07	13	26	82	8	02	2	8	0	9	3			3						
	20	9926	23		07	14	28	82	8	02	2	8	0	9	3			3						
	23	9929	23		07	14	26	82	8	02	2	8	0	9	3			3		13	51	773		28
06	02	9934	23		07	13	25	82	8	02	2	8	0	9	3									
	05	9936	22		06	14	21	82	8	02	2	8	0	9	3									
	08	9937	22		08	14	19	82	8	02	2	5	0	9	7									
	11	9941	24		08	14	17	82	8	02	2	5	0	9	7									
	14	9953	24		09	13	18	84	7	02	2	7	0	9	7	0								
	17	9958	24		10	13	14	84	7	02	2	7	0	9	7	0								
	20	9963	23		09	13	16	84	7	02	2	7	0	9	7	0								
	23	9967	23		08	13	18	84	7	02	2	7	0	9	7	0				13	34	619		24
07	02	9972	23		08	14	16	84	8	02	2	8	0	9	7									
	05	9972	21		07	13	18	82	8	02	2	8	0	9	7									
	08	9969	22		07	14	13	84	8	02	2	1	5	6	7									
	11	9967	23		06	14	18	84	8	02	2	8	0	9	7									
	14	9956	24		06	14	22	84	8	02	2	8	0	9	7									
	17	9948	23		05	14	30	84	7	02	2	2	5	7	3	0	3							
	20	9998	23		04	13	26	84	8	02	2	3	5	7	3		3							
	23	9998	20		03	13	28	84	8	02	2	3	5	7	3					14	40	392		24
08	02	9942	20		02	14	26	82	8	02	2	8	5	7										
	05	9942	19		03	15	21	82	8	02	2	8	5	7										
	08	9936	17		00	15	25	82	8	02	2	5	5	7	3									
	11	9932	20		00	14	20	84	7	02	2	7	0	9	3	0								
	14	9929	23		04	14	15	84	1	01	1	1	0	9	3	0								
	17	9923	23		03	12	12	84	2	03	1	1	0	9	7	9								
	20	9917	17		01	13	18	84	2	02	1	1	5	5	7	0								
	23	9912	14		501	13	18	84	3	02	1	1	5	6	7	0				14	39	521		23
09	02	9913	16		02	14	16	87	7	02	2	3	5	6	7	0								
	05	9918	16		02	14	18	84	7	02	2	3	5	6	7	0								
	08	9918	15		00	13	25	84	7	02	2	1	4	6	7	0								
	11	9926	17		00	13	24	82	8	02	2	1	5	5	7									
	14	9938	19		01	11	20	82	8	02	2	1	5	6	7									
	17	9946	20		03	12	16	84	8	02	2	1	5	6	7			3	5					
	20	9955	17		02	13	19	84	8	02	2	7	0	9	7	8								
	23	9961	16		02	14	15	84	7	02	2	7	0	9	7	0				13	36	400		20

Results of Surface Observations,
MAWSON March, 1965

CAL DARD ME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
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
02	9964	17		04	13	16	84	8	02	2	8	0	9	7										
05	9962	17		04	13	16	82	7	02	2	1	5	6	7	0									
08	9960	17		05	13	18	82	7	15	2	4	8	5	7	0									
11	9954	19		05	13	17	84	7	14	2	5	8	5	7	0									
14	9952	21		07	12	16	84	7	02	2	4	4	7	7	0									
17	9948	21		07	11	15	84	7	15	2	5	5	5	3	0	2	2							
20	9943	21		07	12	18	84	8	15	2	4	8	5	7										
23	9941	20		07	12	18	84	8	02	2	5	5	6	7					15	37	421		22	16
02	9933	19		05	14	20	84	8	02	2	4	5	6	7										
05	9931	19		05	14	20	84	8	02	2	2	5	6	3										
08	9927	18		04	14	18	84	8	02	2	8	0	9	7										
11	9926	19		03	15	18	84	8	02	2	8	0	9	7										
14	9921	20		04	13	17	84	2	01	1	2	0	9	3	0									
17	9914	20		04	13	18	84	2	02	1	1	4	5	3	0									
20	9912	16		00	15	20	84	0	01	1	0	0	9	0	0									
23	9910	11		504	15	27	84	0	02	0	0	0	9	0	0				16	37	380		21	10
02	9909	09		506	16	28	84	0	02	0	0	0	9	0	0									
05	9913	11		505	16	28	84	0	02	0	0	0	9	0	0									
08	9908	13		504	16	28	87	1	05	0	0	0	9	0	1									
11	9921	16		502	16	20	87	2	03	1	1	4	5	0	5									
14	9927	21		00	13	15	87	6	03	1	0	0	9	0	6									
17	9935	21		03	14	07	87	3	01	1	1	0	9	3	5									
20	9941	17		01	14	11	84	1	02	0	1	0	9	4	0									
23	9936	14		505	14	18	84	0	02	0	0	0	9	0	0				16	49	476		21	09
02	9931	11		507	13	22	84	0	02	0	0	0	9	0	0									
05	9918	09		507	14	25	84	0	02	0	0	0	9	0	0									
08	9903	11		508	10	20	87	1	03	0	1	4	5	0	0									
11	9890	15		503	12	17	87	1	02	0	1	4	5	0	0									
14	9869	18		00	10	11	87	1	02	0	1	4	5	0	0									
17	9853	19		01	10	10	87	1	02	0	1	5	6	0	0									
20	9845	14		503	13	20	87	1	02	0	1	5	6	0	0									
23	9836	13		506	13	26	84	0	01	0	0	0	9	0	0				13	46	402		19	08
02	9829	16		505	15	28	84	0	02	0	0	0	9	0	0									
05	9836	12		506	16	23	87	0	02	0	0	0	9	0	0									
08	9842	11		508	16	26	87	1	02	0	1	5	6	0	0									
11	9841	15		505	13	27	87	1	02	0	1	0	9	3	0									
14	9854	18		502	13	18	87	1	02	0	1	0	9	3	0									
17	9866	17		00	13	15	87	0	02	0	0	0	9	0	0									
20	9875	13		504	14	19	87	0	02	0	0	0	9	0	0									
23	9884	09		508	15	25	87	0	02	0	0	0	9	0	0				14	41	440		18	07
02	9889	07		510	14	23	84	0	02	0	0	0	9	0	0									
05	9885	06		512	14	27	84	5	02	1	5	5	6	0	0									
08	9886	06		512	14	33	87	2	02	1	1	5	6	3	0									
11	9866	09		510	13	31	87	7	03	1	1	5	5	3	6									
14	9838	13		505	13	33	87	7	02	2	1	5	6	3	2									
17	9803	14		505	13	40	84	8	02	2	8	5	6			1									
20	9774	13		504	14	42	84	8	02	2	8	5	6											
23	9745	14		504	14	43	84	8	02	2	8	5	6						14	53	498		14	09
02	9713	15		00	13	36	84	8	02	2	8	5	6											
05	9689	15		04	12	40	84	8	02	2	8	5	6											
08	9675	18		03	13	47	66	8	15	2	5	5	6	2										
11	9669	19		04	14	52	66	8	15	2	5	5	6	1										
14	9683	21		04	14	46	80	8	15	2	5	5	6	1										
17	9691	21		04	14	42	80	8	14	2	5	5	7	1										
20	9707	20		04	14	38	80	8	14	2	6	5	6	1										
23	9735	19		03	15	30	80	8	14	2	6	5	6	1					13	77	914		22	13
02	9750	17		01	15	26	82	8	14	2	4	5	6	1										
05	9766	15		00	15	26	84	8	02	2	3	5	6	7										
08	9775	17		01	15	26	84	8	02	2	6	5	6	7										
11	9788	17		01	14	21	84	8	02	2	8	5	6											
14	9799	18		02	14	17	84	8	14	2	6	5	7	7										
17	9806	19		04	14	15	84	8	02	2	7	5	7	7										
20	9811	17		03	14	17	84	8	14	2	4	5	6	1										
23	9820	16		01	14	20	84	8	02	2	1	5	6	1					15	42	836		19	15
02	9823	15		501	15	20	84	7	14	2	4	5	6	2	0									
05	9831	13		503	16	26	84	7	14	2	4	5	6	2	0									
08	9834	12		503	14	22	80	8	71	7	8	0	7	2										
11	9838	15		502	14	20	74	8	71	7	8	0	7	2										
14	9841	16		502	16	15	84	7	02	2	7	0	9	7	0									
17	9846	15		502	16	17	87	2	01	2	2	0	9	7	0									
20	9847	09		507	16	22	87	1	01	0	1	0	9	3	0									
23	9850	05		512	16	32	87	4	03	1	4	0	9	3	0				16	43	429		16	04

Results of Surface Observations,
MAWSON March, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURE	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	
19	02	9848	04		512	16	28	84	1	01	0	1	0	9	3	0									
	05	9853	04		513	17	27	84	0	02	0	0	0	9	0	0									
	08	9836	09		512	00	00	87	0	02	0	0	0	9	0	0									
	11	9841	13		508	10	14	87	0	02	0	0	0	9	0	0									
	14	9838	15		507	08	12	87	1	02	0	0	0	9	0	8									
	17	9831	16		00	10	06	84	7	03	1	0	0	9	0	6									
	20	9827	11		506	13	10	84	7	03	2	2	0	9	1	8									
	23	9828	08		510	16	15	84	6	01	2	2	0	9	1	8				15	46	498		17	0
20	02	9812	05		513	15	25	84	1	01	1	0	0	9	0	8									
	05	9801	08		510	15	16	84	2	02	1	0	0	9	0	6									
	08	9789	04		513	16	24	87	1	03	0	1	0	9	3	0									
	11	9787	07		511	15	24	87	3	03	1	1	0	9	7	6									
	14	9767	11		506	14	13	87	6	03	1	1	0	9	3	6									
	17	9752	10		506	16	15	87	2	01	1	1	5	6	3	0									
	20	9742	05		511	16	23	87	1	02	0	1	5	6	0	0									
	23	9734	02		513	16	21	87	0	01	0	0	0	9	0	0				15	46	313		11	0
21	02	9731	00		514	15	20	87	0	02	0	0	0	9	0	0									
	05	9710	502		516	15	24	87	0	02	0	0	0	9	0	0									
	08	9697	503		518	16	32	87	7	03	1	7	5	6	0	0									
	11	9690	02		513	15	20	84	7	02	2	7	5	6	0	0									
	14	9681	04		513	14	22	87	8	02	2	8	5	6											
	17	9676	04		512	14	19	87	6	01	2	6	5	6	0	0	5								
	20	9672	02		515	15	18	84	1	02	1	1	5	6	0	0									
	23	9669	00		517	15	22	84	0	02	0	0	0	9	0	0				15	42	456		05	50
22	02	9672	500		517	14	23	84	0	02	0	0	0	9	0	0									
	05	9678	501		518	15	20	84	0	02	0	0	0	9	0	0									
	08	9684	501		518	15	23	87	1	02	0	1	5	5	0	0									
	11	9690	02		514	14	17	87	1	02	0	1	0	3	0	0									
	14	9781	05		513	15	15	87	1	02	0	1	1	6	0	0									
	17	9701	05		512	14	18	87	1	02	0	1	4	6	0	0									
	20	9708	02		515	14	18	87	1	02	0	1	5	6	0	0									
	23	9712	503		518	15	22	87	1	02	0	1	5	6	0	0				14	42	479		06	50
23	02	9707	503		519	14	24	87	1	02	0	1	5	6	0	0									
	05	9700	504		521	14	33	87	1	02	0	1	5	6	0	0									
	08	9704	00		517	14	22	87	3	03	1	3	5	6	0	0									
	11	9706	02		514	14	20	84	8	03	1	8	5	6											
	14	9711	02		512	14	28	74	8	71	7	8	5	6											
	17	9718	04		510	14	23	66	8	70	7	8	5	7											
	20	9730	03		512	16	20	80	8	18	7	8	5	6											
	23	9741	501		517	16	30	84	8	02	2	8	5	6						14	49	502		04	50
24	02	9753	502		516	16	21	84	7	02	2	7	5	6	0	0									
	05	9758	505		520	16	25	84	2	01	2	2	5	6	0	0									
	08	9771	506		521	17	28	84	1	02	0	1	5	7	0	0									
	11	9772	501		517	16	20	87	1	02	0	1	5	7	0	0									
	14	9774	05		512	16	13	87	1	02	0	1	5	6	0	0									
	17	9781	04		512	14	14	87	0	02	0	0	0	9	0	0									
	20	9782	501		518	16	23	84	1	02	0	1	0	9	4	0									
	23	9784	503		519	16	27	84	0	02	0	0	0	9	0	0				17	41	525		05	50
25	02	9783	505		520	16	25	84	0	02	0	0	0	9	0	0									
	05	9778	506		522	16	21	84	0	02	0	0	0	9	0	0									
	08	9777	507		521	17	18	87	1	03	0	1	0	9	3	0									
	11	9767	502		517	16	15	87	2	03	1	1	5	7	0	5									
	14	9763	02		513	13	16	87	1	02	0	1	5	7	0	0									
	17	9768	01		514	13	15	87	1	02	0	1	5	7	0	0									
	20	9776	503		517	16	15	87	1	02	0	1	0	9	3	0									
	23	9784	506		520	16	20	84	0	01	0	0	0	9	0	0				16	38	477		03	50
26	02	9792	507		522	16	25	84	0	02	0	0	0	9	0	0									
	05	9800	508		522	16	26	84	0	02	0	0	0	9	0	0									
	08	9811	507		522	16	23	84	1	03	0	1	0	9	3	0									
	11	9825	00		517	15	11	87	1	02	0	0	0	9	0	0									
	14	9839	07		514	14	16	87	2	02	1	0	0	9	0	5									
	17	9849	06		510	13	15	87	7	03	1	2	0	9	1	6									
	20	9869	502		518	14	19	84	2	01	2	0	0	9	0	8									
	23	9882	502		517	14	14	84	0	01	1	0	0	9	0	0				16	36	412		03	50
27	02	9888	504		520	14	17	84	0	02	0	0	0	9	0	0									
	05	9897	502		517	14	15	84	3	03	0	3	0	9	3	0									
	08	9907	01		516	14	02	84	8	03	1	8	0	9	7										
	11	9915	03		513	16	08	87	7	02	2	2	0	9	5	6									
	14	9918	02		518	19	05	87	8	02	2	1	0	9	3	7									
	17	9923	01		515	00	00	87	7	02	2	1	0	9	3	6									
	20	9922	04		510	14	06	87	1	01	1	1	5	7	0	0									
	23	9923	04		512	18	07	84	0	01	0	0	0	9	0	0				16	28	343		07	50

Results of Surface Observations,
MAWSON March, 1965

CAL DARD ME		TEMPERATURES			SURFACE WIND							LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
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
02	9923	03		514	16	09	84	7	03	1	2	5	6	0	6									
05	9922	01		515	13	10	84	5	01	1	2	5	6	0	0									
08	9922	03		513	16	10	84	7	02	1	0	0	9	0	8									
11	9923	05		509	19	04	87	6	02	1	0	0	9	0	8									
14	9922	07		505	17	05	87	7	02	2	1	5	7	0	8									
17	9902	10		502	28	10	87	7	02	2	1	5	7	3	8		6							
20	9888	10		502	28	06	87	4	01	2	1	5	5	5	8									
23	9877	08		506	00	00	84	0	01	1	0	0	9	0	0				14	17	154		11	01
02	9869	08		506	24	06	84	0	02	0	0	0	9	0	0									
05	9888	10		506	14	05	84	0	02	0	0	0	9	0	0									
08	9898	11		501	16	11	84	8	03	1	1	5	6	1	7									
11	9884	14		503	18	10	84	8	02	2	4	0	9	1	7									
14	9886	14		501	16	10	84	8	02	2	4	0	9	1	7									
17	9869	14		502	13	08	84	8	02	2	8	0	8	2			5							
20	9840	15		505	14	21	84	8	02	2	8	0	8	2			5							
23	9825	12		508	15	35	82	8	18	2	8	0	8	2			5		16	52	124		15	06
02	9848	11		511	14	12	84	0	02	0	0	0	9	0	0									
05	9840	06		510	16	15	84	0	02	0	0	0	9	0	0									
08	9817	08		511	17	08	87	1	02	0	1	0	9	4	0									
11	9794	10		508	20	08	87	0	02	0	0	0	9	0	0									
14	9773	12		505	16	09	87	0	02	0	0	0	9	0	0									
17	9760	12		506	13	05	87	0	02	0	0	0	9	0	0									
20	9747	08		510	10	16	84	0	02	0	0	0	9	0	0									
23	9731	03		513	14	28	84	0	02	0	0	0	9	0	0				14	38	254		13	01
02	9712	02		514	14	26	84	0	02	0	0	0	9	0	0									
05	9700	501		516	14	26	84	0	02	0	0	0	9	0	0									
08	9707	00		517	16	08	87	1	03	0	1	5	5	0	0									
11	9708	01		513	19	07	87	1	02	0	1	4	5	0	0									
14	9713	04		510	21	07	87	0	02	0	0	0	9	0	0									
17	9714	05		507	16	09	87	1	02	0	1	5	5	0	0									
20	9715	01		515	15	12	87	1	02	0	1	5	5	0	0									
23	9715	502		515	16	20	84	1	02	0	1	5	5	0	0				15	41	304		05	503

Results of Surface Observations,
MAWSON April, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERAT
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St. miles	Points	°F
01	02	9705	503		517	16	22	37	0	02	0	0	0	9	0	0								
	05	9697	506		521	16	32	87	0	02	0	0	0	9	0	0								
	08	9706	507		523	15	30	87	1	02	0	1	5	6	0	0								
	11	9706	505		522	14	31	87	1	02	0	1	5	6	0	0								
	14	9723	502		517	15	22	87	7	03	1	7	5	6	0	0								
	17	9734	501		515	14	23	87	7	02	2	7	5	6	0	0	1							
	20	9754	504		518	15	25	87	6	01	2	6	5	6	0	0	1							
	23	9761	508		523	15	26	87	4	01	2	4	5	6	0	0	1			14	43	306		501
02	02	9767	506		524	16	20	84	3	02	0	3	5	6	0	0								
	05	9756	508		524	16	26	84	4	02	1	4	5	6	0	0								
	08	9749	505		520	17	36	84	7	02	2	7	0	8	3	0								
	11	9748	500		516	17	33	84	7	14	2	7	0	8	3	0								
	14	9747	05		512	16	28	84	8	02	2	3	0	8	7									
	17	9761	08		510	25	17	84	7	02	2	4	0	9	7	0		6						
	20	9762	05		512	16	23	84	7	02	2	7	0	9	7	0								
	23	9779	04		513	15	24	84	1	01	1	1	5	7	0	0				16	53	556		08
03	02	9787	06		512	16	25	84	0	02	0	0	0	9	0	0								
	05	9802	06		513	15	22	84	0	02	0	0	0	9	0	0								
	08	9810	04		514	15	35	87	5	03	1	0	0	9	0	6								
	11	9827	09		511	22	16	87	4	01	1	0	0	9	0	8								
	14	9837	15		511	18	20	87	1	01	0	1	0	9	3	0								
	17	9843	13		502	18	09	87	0	02	0	0	0	9	0	0								
	20	9848	09		509	13	17	87	1	02	0	0	0	9	0	1				15	47	526		16
	23	9855	06		512	14	16	87	0	02	0	0	0	9	0	0								
04	02	9850	05		511	15	22	87	0	02	0	0	0	9	0	0								
	05	9847	07		510	20	11	87	0	02	0	0	0	9	0	0								
	08	9845	02		512	17	19	87	1	03	0	0	0	9	0	8								
	11	9844	07		511	13	09	87	5	03	1	0	0	9	0	8								
	14	9838	11		508	20	02	87	3	01	1	0	0	9	0	8								
	17	9845	09		508	16	11	87	5	03	1	1	0	9	1	8								
	20	9843	06		511	14	10	87	4	02	1	2	0	9	1	8								
	23	9840	06		506	15	17	84	7	03	1	7	0	9	7	0				15	36	301		13
05	02	9836	04		506	17	18	80	7	02	2	7	0	9	7	0								
	05	9827	04		505	16	14	74	7	71	7	7	0	9	7	0								
	08	9810	07		01	16	18	11	8	71	7	8	0	7	2									
	11	9796	09		05	15	28	16	8	71	7	8	0	7	2									
	14	9798	10		01	14	27	74	8	36	7	4	5	6	7									
	17	9796	13		01	13	28	74	8	36	7	3	5	5	7	3								
	20	9800	10		04	14	36	16	8	38	7	3	5	5	7					14	60	255		13
	23	9825	09		04	15	36	05	8	38	7	0												
06	02	9851	08		00	14	34	05		38	3													
	05	9851	08		00	14	35	02		38	3													
	08	9877	08		00	14	30	32	8	38	3	8	0	6	2									
	11	9903	08			13	28	16	8	71	7	8	0	6	2									
	14	9921	11		00	14	18	74	8	02	3	8	5	4										
	17	9925	12		01	14	18	74	8	02	3	8	5	4										
	20	9933	13		00	12	15	82	8	02	2	8	5	5										
	23	9941	09		506	12	08	84	2	01	2	2	0	9	1	0				15	54	662		13
07	02	9944	04		509	16	20	84	0	02	0	0	0	9	0	0								
	05	9943	04		509	21	07	87	0	02	0	0	0	9	0	0								
	08	9940	03		510	16	13	87	2	03	0	0	0	9	0	6								
	11	9940	07		510	24	09	87	2	02	1	1	0	9	3	8								
	14	9944	09		507	27	05	87	1	01	1	0	0	9	0	8								
	17	9941	07		508	20	09	87	0	02	0	0	0	9	0	0								
	20	9935	05		510	18	10	87	0	02	0	0	0	9	0	0				16	27	319		09
	23	9927	05		507	16	08	87	0	02	0	0	0	9	0	0								
08	02	9914	03		510	18	10	87	0	02	0	0	0	9	0	0								
	05	9902	02		512	17	08	87	0	02	0	0	0	9	0	0								
	08	9886	02		512	12	06	87	1	02	0	1	0	9	3	0								
	11	9890	09		506	24	15	87	1	02	0	1	5	7	0	0								
	14	9892	08		506	20	09	87	1	02	0	0	0	9	0	8								
	17	9878	06		510	14	10	87	2	03	0	0	0	9	0	8								
	20	9859	02		513	14	16	84	0	01	1	0	0	9	0	0								
	23	9853	00		514	14	20	84	0	02	0	0	0	9	0	0				16	36	147		09
09	02	9850	502		516	15	26	66	0	36	0	0	0	9	0	0								
	05	9860	501		518	14	11	82	0	02	0	0	0	9	0	0								
	08	9879	505		520	22	08	87	1	03	0	1	0	9	4	0								
	11	9892	505		519	16	09	87	3	03	1	1	3	5	0	5								
	14	9906	501		513	17	08	87	7	03	1	1	5	5	3	2								
	17	9921	501		513	27	05	87	6	02	2	1	5	6	3	0								
	20	9931	506		516	16	12	87	2	01	1	1	5	6	0	8								
	23	9943	507		518	15	15	87	0	01	1	0	0	9	0	0				15	43	276		501

Results of Surface Observations,
MAWSON April, 1965

AL ARD E		TEMPERATURES			SURFACE WIND							LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
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
02	9954	507		521	14	18	84	0	02	0	0	0	9	0	0									
05	9956	505		520	07	06	84	0	02	0	0	0	9	0	0									
08	9963	502		515	22	15	84	1	02	0	0	0	9	0	0									
11	9967	501		512	14	12	84	6	03	1	2	0	8	0	8									
14	9948	02		513	08	29	84	7	03	2	7	0	8	7	6									
17	9951	01		516	10	10	84	8	02	2	8	0	9	2	0									
20	9933	01		514	11	08	84	8	02	2	8	0	9	2										
23	9903	503		515	05	26	84	3	01	2	3	0	9	1	0				15	37	190		03	507
02	9898	501		512	22	09	84	8	03	2	8	0	9	1										
05	9891	501		512	01	08	84	8	02	2	8	0	9	2										
08	9893	501		512	11	04	84	8	02	2	8	0	9	2										
11	9887	02		510	07	13	84	6	01	2	6	0	9	1	0									
14	9877	04		510	06	14	84	8	03	2	5	0	9	7										
17	9872	03		510	09	12	84	8	02	2	4	5	6	7		2								
20	9856	03		510	05	16	84	8	02	2	4	5	6	7		2								
23	9858	03		508	04	18	84	7	02	2	3	5	6	7		2			03	36	282		04	503
02	9867	06		509	14	10	84	1	01	1	1	5	6	0	0									
05	9886	05		512	13	18	84	1	02	0	1	5	6	0	0									
08	9901	03		514	12	21	84	8	03	1	8	0	9	1										
11	9917	02		515	13	20	87	5	01	2	1	5	7	4	4									
14	9929	05		513	13	06	87	2	01	1	1	5	7	4	0									
17	9932	02		516	11	05	87	2	02	1	1	5	7	4	0									
20	9931	501		519	15	12	87	2	02	1	2	5	7	0	0									
23	9932	503		520	15	08	87	2	02	1	2	5	7	0	0				11	36	263		07	504
02	9925	502		519	23	08	87	2	02	1	1	5	7	4	0									
05	9922	502		519	14	05	87	2	02	1	1	5	7	4	0									
08	9909	503		520	18	16	87	6	03	1	6	5	5	0	0									
11	9888	503		521	14	20	87	2	01	1	2	5	5	0	0									
14	9867	00		518	15	16	87	1	01	0	1	5	5	0	0									
17	9843	501		519	15	20	87	1	02	0	1	0	9	5	0									
20	9832	503		518	18	03	87	0	02	0	0	0	9	0	0									
23	9812	504		518	16	07	87	0	02	0	0	0	9	0	0				15	33	197		00	505
02	9785	504		517	19	07	84	0	02	0	0	0	9	0	0									
05	9759	504		517	18	09	84	0	02	0	0	0	9	0	0									
08	9736	506		520	12	05	87	0	02	0	0	0	9	0	0									
11	9729	503		520	11	15	87	1	02	0	1	1	6	0	0									
14	9725	505		525	13	26	87	1	02	0	1	4	6	0	0									
17	9733	511		520	13	25	87	1	02	0	1	5	6	0	0									
20	9757	514		530	15	20	87	1	02	0	1	5	6	0	0									
23	9777	516		531	15	26	87	1	02	0	1	5	6	0	0				13	40	240		503	517
02	9809	519		534	15	30	84	2	36	3	1	5	6	0	8									
05	9838	519		534	15	28	84	3	36	3	1	5	6	0	5									
08	9867	518		534	14	22	84	6	03	1	0	0	9	0	6									
11	9890	515		531	13	22	84	6	02	2	0	0	9	0	6									
14	9913	510		528	11	15	84	6	02	2	5	0	9	3	8									
17	9926	509		525	07	15	84	8	02	2	8	0	8	7			6							
20	9940	512		522	03	23	66	8	38	2	8	0	8	7			6							
23	9957	510		515	02	11	16	8	77	7	8	0	8	2					15	43	532		507	520
02	9947	505		507	12	37	01		39	3														
05	9988	502		505	05	17	01		39	3														
08	10010	508		511	05	14	08		38	3														
11	10034	505		510	02	19	08	8	71	7	8	0	5	2										
14	10045	504		509	04	02	08	8	71	7	8	0	9	1										
17	10057	501		506	03	10	08	8	71	7	8	0	9	2										
20	10066	501		507	04	13	16	8	71	7	8	0	9	1										
23	10072	502		507	02	08	16	8	71	7	8	0	9	1					12	48	420		00	508
02	10072	502		506	05	07	84	1	01	2	1	0	9	7	0									
05	10070	504		508	18	05	84	3	02	1	3	0	9	7	0									
08	10061	507		511	00	00	84	7	03	1	3	0	9	7	8									
11	10044	503		509	00	00	84	7	02	2	7	0	9	7	0									
14	10027	503		511	18	08	84	7	02	2	8	0	9	0	6									
17	9992	505		512	20	05	84	2	01	2	1	5	7	0	1									
20	9964	504		511	00	00	84	0	02	0	0	0	9	0	0									
23	9936	509		515	00	00	84	0	02	0	0	0	9	0	0				16	11	177		502	509
02	9883	511		516	11	02	84	2	03	0	2	5	6	0	0									
05	9843	511		516	09	05	87	1	01	1	1	5	6	0	0									
08	9814	509		513	12	03	82	6	15	1	2	6	4	1	0									
11	9792	507		516	00	00	84	1	01	3	1	6	4	0	0									
14	9767	507		514	16	16	84	1	36	3	1	6	4	0	0									
17	9757	507		518	13	20	84	1	36	3	1	5	6	0	0									
20	9758	509		520	13	20	84	1	36	3	1	5	5	0	0									
23	9748	510		518	13	31	74	0	38	3	0	0	9	0	0				14	42	078		505	512

Results of Surface Observations,
MAWSON April, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATU	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	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	9740	513		518	13	40	01	1	38	3	1	5	6	0	0									
	05	9765	510		515	13	31	08	8	38	3	8	5	6											
	08	9790	511		517	13	28	08	6	38	3	6	5	6	0	0									
	11	9801	511		517	13	36	01	6	38	3	5	5	6	0	1									
	14	9832	509		517	13	26	32	2	36	3	2	5	6	0	0									
	17	9858	512		524	15	24	32	1	36	3	1	5	6	0	0									
	20	9888	514		524	15	25	60	0	36	3	0	0	9	0	0									
	23	9922	514		525	19	25	60	0	36	3	0	0	9	0	0				12	52	588		509	51
20	02	9945	511		523	00	00	84	0	02	0	0	0	9	0	0									
	05	9973	510		521	18	06	84	0	02	0	0	0	9	0	0									
	08	9981	509		520	01	05	84	0	02	0	0	0	9	0	0									
	11	9996	508		520	16	08	87	2	03	0	0	0	9	0	1									
	14	10012	506		517	13	04	87	2	02	1	1	5	6	4	0									
	17	10025	505		515	16	04	87	5	03	1	5	0	9	3	0									
	20	10028	505		517	00	00	87	2	01	1	2	0	9	4	0				15	27	430		504	51
	23	10057	506		517	16	07	87	0	01	1	0	0	9	0	0									
21	02	10037	501		512	20	30	58	0	38	0	0	0	9	0	0									
	05	10041	03		509	24	26	74	0	38	3	0	0	9	0	0									
	08	10061	501		512	09	10	84	3	03	1	1	0	9	5	8		5							
	11	10068	03		510	35	06	87	3	02	1	2	0	9	3	8		5							
	14	10074	04		509	19	06	84	7	03	3	1	0	9	3	6									
	17	10086	08		507	18	17	84	7	02	2	2	5	7	4	8									
	20	10078	07		505	00	00	84	7	02	2	0	0	9	0	8									
	23	10080	09		504	14	21	84	7	02	2	2	0	9	3	8				22	50	198		10	50
22	02	10073	09		505	11	19	84	6	02	2	0	0	9	0	1									
	05	10071	08		502	11	06	84	8	02	2	8	0	9	7										
	08	10044	14		03	11	14	84	8	15	2	3	5	6	7										
	11	10011	16		03	13	32	74	8	15	2	8	0	8	7										
	14	10009	17		04	13	28	58	8	70	2	8	0	7	2										
	17	9981	15		13	13	32	32	8	38	3	8	0	8	7										
	20	9960	16		14	13	33	03	8	38	3	8	0	7	2										
	23	9938	17		15	13	35	16	8	38	3	8	0	7	2					14	48	268		18	0
23	02	9902	18		16	13	34	32	8	36	3	8	0	9	2										
	05	9880	22		13	13	31	58	8	36	3	8	0	9	1										
	08	9860	23		08	13	28	66	8	02	2	8	0	7	2										
	11	9813	18		17	13	46	00		39	3														
	14	9770	20		19	14	50	00		39	3														
	17	9760	20		20	13	42	00		39	3														
	20	9751	19		18	13	42	00		39	3									14	64	682		23	1
	23	9745	18		14	13	46	01		38	3														
24	02	9731	20		15	14	40	00		39	3														
	05	9758	18		14	14	31	00		38	3														
	08	9751	17		16	13	47	00		39	3														
	11	9780	18		15	13	40	00	5	38	3	2	5	5	5	0		5							
	14	9806	18		15	13	39	00	5	38	3	2	5	5	5	0		5							
	17	9824	20		17	13	35	66	6	36	3	5	0	9	7	1									
	20	9824	24		15	13	30	74	4	01	1	4	0	9	7	8									
	23	9826	23		10	16	25	80	3	02	1	3	0	9	7	0				13	62	905		24	1
25	02	9829	23		05	14	36	84	5	03	1	5	0	9	7	0									
	05	9839	22		05	13	37	84	5	02	2	5	0	9	7	0									
	08	9861	23		05	14	35	80	6	15	2	6	5	5	0	0									
	11	9884	22		04	14	37	84	3	01	2	1	5	6	5	1									
	14	9901	21		04	14	38	84	7	03	1	4	5	6	5	0									
	17	9922	23		06	14	38	80	8	15	2	8	0	5	2										
	20	9953	14		501	16	37	80	2	01	2	1	5	6	3	0									
	23	9984	23		502	18	20	80	0	01	1	0	0	9	0	0				14	56	778		24	
26	02	9993	13		501	18	30	84	1	02	0	1	0	9	3	0									
	05	9990	13		502	16	39	84	0	02	0	0	0	9	0	0									
	08	10023	14		502	16	32	84	0	02	0	0	0	9	0	0									
	11	10045	19		502	21	15	87	0	02	0	0	0	9	0	0									
	14	10052	20		501	16	20	87	0	02	0	0	0	9	0	0									
	17	10058	16		503	16	26	87	0	02	0	0	0	9	0	0									
	20	10063	11		506	16	19	87	0	02	0	0	0	9	0	0									
	23	10057	08		508	16	19	87	0	02	0	0	0	9	0	0				16	54	719		20	
27	02	10044	07		509	16	26	87	0	02	0	0	0	9	0	0									
	05	10035	07		509	16	26	87	0	02	0	0	0	9	0	0									
	08	10023	07		506	19	30	87	0	02	0	0	0	9	0	0									
	11	10002	11		508	19	29	87	0	02	0	0	0	9	0	0									
	14	9996	15		504	28	16	87	0	02	0	0	0	9	0	0									
	17	9997	12		504	22	10	84	0	02	0	0	0	9	0	0									
	20	9993	08		506	00	00	84	0	02	0	0	0	9	0	0									
	23	9984	09		507	00	00	84	0	02	0	0	0	9	0	0				20	49	501		15	

Results of Surface Observations,
MAWSON April, 1965

L RD	STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
	mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
92	9984	05		507	08	08	84	0	02	0	0	0	9	0	0									
05	9986	08		509	12	03	84	0	02	0	0	0	9	0	0									
08	9997	06		510	18	12	84	2	02	0	2	0	9	3	0									
11	9991	08		511	15	23	84	6	03	1	2	0	9	3	6									
14	10014	12		510	24	12	84	6	02	2	5	0	9	3	8									
17	10020	07		512	13	23	84	4	01	2	2	0	9	3	8									
20	10036	07		511	15	18	84	2	01	1	1	0	9	3	8									
23	10049	06		512	16	06	84	2	02	1	1	0	9	3	8				14	58	108		13	05
02	10064	05		511	14	16	84	4	03	1	2	0	9	3	8									
05	10057	06		511	13	21	84	2	01	1	1	0	9	3	8									
08	10050	08		511	13	28	84	7	03	2	5	5	6	7	0									
11	10048	09		510	11	25	82	8	14	2	8	0	8	2										
14	10027	08		504	15	39	16	8	36	3	8	0	6	2										
17	10013	07		05	14	36	00	8	38	3	8	0	5	2										
20	10004	09		07	14	36	00		38	3														
23	9991	10		08	14	36	00		38	3									12	52	496		10	05
02	9986	10		08	13	35	02		39	3														
05	9991	11		09	13	41	01		39	3														
08	9997	11		09	14	42	01		39	3														
11	10012	11		06	14	31	08	8	38	3	8	0	5	7										
14	10028	11		07	14	23	16	8	38	7	8	0		2										
17	10042	12		06	14	20	80	8	36	3	8	0	9	7										
20	10044	07		503	16	25	84	2	01	2	2	0	9	7	8									
23	10050	04		508	15	24	84	0	02	1	0	0	9	0	0				14	53	799		12	03

Results of Surface Observations,
MAWSON May 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATUR
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F
01	02	10049	03		509	16	29	84	0	02	0	0	0	9	0	0								
	05	10048	501		512	16	32	84	0	02	0	0	0	9	0	0								
	08	10049	501		512	16	28	84	1	03	1	1	5	6	0	0	4							
	11	10052	501		512	16	30	84	5	03	1	3	0	9	3	5								
	14	10045	00		512	16	25	84	8	03	2	8	0	9	7									
	17	10040	01		510	16	21	84	6	01	2	4	0	9	3	8		6						
	20	10031	01		511	15	25	84	3	01	2	1	0	9	3	8		6						
	23	10018	04		508	33	03	84	0	01	1	0	0	9	0	0				16	43	604		05
02	02	10001	05		509	20	14	84	0	02	0	0	0	9	0	0								
	05	9986	06		508	19	19	84	0	02	0	0	0	9	0	0								
	08	9952	09		507	14	21	84	7	03	1	7	5	7	0	0								
	11	9937	09		507	13	24	84	8	02	2	8	0	8	7									
	14	9926	09		506	13	22	82	7	02	2	7	0	9	7	0								
	17	9910	10		506	12	24	80	8	02	2	8	0	9	2			6						
	20	9893	11		506	12	20	80	8	02	2	8	0	9	2					14	53	383		12
	23	9885	11		504	10	13	80	8	02	2	8	0	9	2									
03	02	9874	10		502	08	03	84	8	02	2	8	0	9	2									
	05	9869	10		504	11	07	84	8	02	2	8	5	7										
	08	9854	11		505	10	07	80	8	15	2	8	5	7										
	11	9840	12		00	08	06	74	8	71	7	8	5	7										
	14	9834	11		502	09	07	74	8	02	7	8	0	7	2									
	17	9831	11		502	10	07	74	8	02	2	8	0	5	2									
	20	9831	10		502	12	11	80	2	01	2	2	5	7						15	21	321		12
	23	9829	08		504	14	15	80	0	01	1	0	0	9	0	0								
04	02	9841	11		502	12	09	80	4	03	1	4	0	9	3	0								
	05	9849	12		501	09	10	82	7	03	1	7	0	9	7	0								
	08	9864	12		501	11	10	82	8	02	2	8	0	9	7									
	11	9875	14		504	08	14	82	8	02	2	8	0	9	7									
	14	9889	11		502	09	06	82	8	02	2	8	0	9	7									
	17	9898	10		01	06	05	82	8	02	2	4	5	6	2									
	20	9897	15		03	11	18	82	8	02	2	5	5	6	2					13	52	207		15
	23	9862	14		05	14	39	32	8	38	2	3	5	6	2									
05	02	9845	17		05	13	44	58	8	38	3	3	5	6	7									
	05	9824	19		11	13	50	58	8	38	3	2	5	6	7									
	08	9831	17		15	13	52	00		39	3													
	11	9850	17		14	13	50	00		39	3													
	14	9872	19		15	13	39	58	8	38	3	5	0	6	7									
	17	9904	18		13	13	28	66	8	14	3	5	0	6	7									
	20	9925	18		12	13	17	80	8	02	2	8	0	8	7					14	67	595		19
	23	9932	16		09	07	11	82	8	02	2	8	0	8	7									
06	02	9934	12		05	07	12	82	8	02	2	8	0	8	7									
	05	9939	11		05	09	04	82	8	02	2	8	0	8	7									
	08	9938	11		05	24	03	82	8	02	2	5	0	8	7									
	11	9938	14		07	18	04	84	8	02	2	5	0	8	7									
	14	9941	13		04	11	04	84	6	02	2	9	8	9	7	5								
	17	9938	14		02	14	15	84	6	02	2	1	0	8	4	6								
	20	9932	12		00	14	24	84	4	01	2	0	0	9	0	5				14	36	541		15
	23	9936	12		501	14	25	84	3	02	1	0	0	9	0	1								
07	02	9935	10		503	14	26	82	4	02	1	0	0	9	0	3								
	05	9937	12		502	14	25	84	6	03	1	0	0	9	0	6								
	08	9931	10		504	14	30	84	6	02	2	0	0	9	0	8								
	11	9932	11		505	14	29	84	7	02	2	1	0	9	3	8								
	14	9945	11		503	14	20	84	8	02	2	8	0	8	7									
	17	9937	11		502	13	28	84	8	02	2	8	0	9	7									
	20	9946	11		501	13	24	84	8	02	2	8	0	9	7					13	46	404		13
	23	9927	11		502	13	30	84	6	02	2	6	0	9	3	0								
08	02	9924	11		503	13	30	84	0	01	1	0	0	9	0	0								
	05	9919	10		503	13	34	84	0	02	0	0	0	9	0	0								
	08	9920	11		505	13	32	87	0	02	0	0	0	9	0	0								
	11	9922	10		506	13	30	87	3	03	1	3	0	9	3	0								
	14	9943	09		505	09	09	87	3	02	1	1	0	9	3	9								
	17	9957	04		507	10	08	87	2	01	1	1	0	8	4	1								
	20	9965	05		507	09	08	87	2	02	1	1	0	9	3	1				14	59	625		14
	23	9919	14		504	13	37	84	4	03	1	1	0	9	3	8								
09	02	9916	11		02	12	33	58	6	36	2	0	0	9	0	6								
	05	9854	14		503	13	58	58	8	36	3	0	0	9	0	7								
	08	9866	18		504	13	50	66	8	02	2	8	0	9	2									
	11	9837	20		02	13	45	66	8	15	2	8	0	8	2									
	14	9821	20		10	13	50	58	8	38	3	8	0	7	2									
	17	9827	20		10	13	40	56	8	38	3	8	0	6	2									
	20	9882	18		17	13	42	00		39	3													
	23	9790	22		12	13	50	56	8	38	3	8	0	7	2					14	60	664		22

Results of Surface Observations,
MAWSON May 1965

L RD HOUR	STATION LEVEL PRESSURE	TEMPERATURES DRY BULB	WET BULB	DEW POINT	SURFACE WIND DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT LOW	MIDDLE	HIGH	MAXIMUM WIND GUST DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES MAXIMUM	MINIMUM
	mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
02	9781	24		10	13	50	58	8	02	2	8	0	7	2										
05	9730	25		10	13	50	58	8	02	2	8	0	7	2										
08	9735	19		15	13	52	00		38	3														
11	9766	19		18	13	50	00	7	38	3	3	5	5	3	0									
14	9782	22		09	13	50	58	7	03	3	7	5	6	0	0									
17	9790	18		13	13	52	00	6	38	3	4	5	6	2	0									
20	9790	18		14	13	55	00	6	38	3	4	5	6	1	0									
23	9795	19		15	13	50	08	7	50	3	7	0	8	1	0				13	80	1064		25	17
02	9807	19		13	13	55	00	8	38	3	8	0	8	1										
05	9809	18		12	13	55	02	8	38	3	8	0	8	1										
08	9817	17		08	13	52	74	7	02	3	4	5	6	7	0									
11	9828	18		10	13	55	58	7	38	3	6	0	8	7	8									
14	9849	19		09	13	50	74	7	02	3	6	0	8	7	2									
17	9862	18		08	13	42	66	8	02	3	3	5	5	7										
20	9870	19		06	12	45	66	8	02	2	3	5	6	7										
23	9904	17		05	13	36	66	6	02	2	6	0	8	3	0				13	76	1198		20	17
02	9928	17		03	13	28	84	5	02	2	5	0	9	3	0									
05	9944	16		01	13	30	84	4	01	2	4	0	9	3	0									
08	9945	15		503	13	30	84	3	01	1	2	0	9	3	1									
11	9946	10		505	13	25	84	1	01	1	1	0	9	3	0									
14	9935	11		505	13	23	87	1	02	0	1	0	9	3	0									
17	9924	10		507	13	25	87	1	02	0	1	0	9	3	0									
20	9922	11		506	13	21	87	0	01	0	0	0	9	0	0									
23	9914	08		509	13	30	87	0	02	0	0	0	9	0	0				13	47	927		18	07
02	9917	05		510	14	24	84	0	02	0	0	0	9	0	0									
05	9914	04		511	14	20	84	0	02	0	0	0	9	0	0									
08	9900	04		511	13	24	84	0	02	0	0	0	9	0	0									
11	9899	05		511	13	17	87	1	02	0	1	5	6	0	0									
14	9896	08		509	16	09	87	0	02	0	0	0	9	0	0									
17	9893	05		511	15	18	87	0	02	0	0	0	9	0	0									
20	9885	03		512	16	20	87	0	02	0	0	0	9	0	0									
23	9880	06		511	16	20	87	0	02	0	0	0	9	0	0				13	33	523		09	02
02	9881	02		514	16	17	84	0	02	0	0	0	9	0	0									
05	9866	05		512	18	15	84	0	02	0	0	0	9	0	0									
08	9869	05		510	18	04	84	0	02	0	0	0	9	0	0									
11	9859	00		514	15	13	87	0	02	0	0	0	9	0	0									
14	9851	05		511	16	11	87	0	02	0	0	0	9	0	0									
17	9646	02		513	10	04	87	0	02	0	0	0	9	0	0									
20	9845	01		514	13	12	87	0	02	0	0	0	9	0	0									
23	9850	00		515	16	17	87	0	02	0	0	0	9	0	0				15	30	368		05	50-
02	9859	00		515	18	09	87	0	02	0	0	0	9	0	0									
05	9866	502		517	15	19	87	0	02	0	0	0	9	0	0									
08	9881	502		516	15	18	87	5	03	1	3	5	6	3	0									
11	9893	504		518	14	26	84	2	01	1	2	5	5	0	0									
14	9913	501		508	14	18	80	8	02	2	6	0	6	2										
17	9919	01		506	15	15	74	8	70	2	8	0	5	2										
20	9922	01		506	14	24	74	8	70	2	8	5	5											
23	9928	00		508	13	23	74	8	70	2	8	5	5						14	35	243		01	505
02	9945	501		511	15	19	87	2	02	1	2	5	6	0	0									
05	9935	505		514	15	19	87	1	02	0	1	5	6	0	0									
08	9912	503		518	14	27	87	4	03	1	1	0	9	3	2									
11	9909	01		518	14	25	87	4	02	1	1	0	9	3	5									
14	9915	00		518	36	12	84	7	03	1	1	0	9	1	6									
17	9920	503		515	21	07	84	7	02	2	2	0	9	7	8									
20	9929	503		514	19	07	84	8	02	2	4	0	9	1	8									
23	9929	503		517	18	05	84	6	01	2	1	0	9	1	8				15	4-	486		01	50-
02	9924	503		519	24	03	84	4	02	1	0	0	9	0	8									
05	9919	504		518	06	03	84	3	02	1	0	0	9	0	8									
08	9917	505		520	00	00	87	3	02	1	0	0	9	0	8									
11	9921	506		522	15	09	87	1	02	0	1	5	6	0	0									
14	9929	506		521	14	03	87	1	02	0	1	5	5	0	0									
17	9921	505		522	19	03	87	1	02	0	1	5	5	0	0									
20	9919	508		524	14	15	87	1	02	0	1	5	5	0	0									
23	9920	509		524	14	20	84	0	02	0	0	0	9	0	0				16	28	158		503	509
02	9920	509		524	16	07	84	0	02	0	0	0	9	0	0									
05	9911	507		523	16	07	84	0	02	0	0	0	9	0	0									
08	9914	510		525	14	17	87	0	02	0	0	0	9	0	0									
11	9919	512		528	16	15	87	1	02	0	1	5	6	0	0									
14	9939	512		528	16	22	87	1	02	0	1	5	6	0	0									
17	9949	514		528	16	24	87	1	02	0	1	5	6	0	0									
20	9965	511		527	18	05	87	0	02	0	0	0	9	0	0									
23	9967	513		529	16	26	87	0	02	0	0	0	9	0	0				14	35	216		507	515

Results of Surface Observations,
MAWSON May 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXT EME TEMPERATURE	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
19	02	9976	513		529	15	18	87	0	02	0	0	0	9	0	0									
	05	9987	513		528	16	17	87	0	02	0	0	0	9	0	0									
	08	9973	513		528	16	21	87	1	03	0	0	0	9	0	1									
	11	9994	511		527	18	08	87	1	03	0	0	0	9	0	5									
	14	9989	511		527	09	06	87	3	03	1	0	0	9	0	6									
	17	9973	509		525	16	26	84	2	02	0	0	0	9	0	6									
	20	9977	509		525	13	30	84	2	02	0	0	0	9	0	8									
	23	9970	505		523	14	28	84	2	02	0	0	0	9	0	8				13	42	374		504	515
20	02	9960	506		524	16	28	87	2	02	1	0	0	9	0	1									
	05	9956	506		523	16	30	87	0	01	1	0	0	9	0	0									
	08	9942	504		522	16	30	87	0	02	0	0	0	9	0	0									
	11	9923	503		521	16	36	84	3	03	1	1	5	6	0	8	2								
	14	9914	501		519	16	35	87	3	02	1	1	0	9	3	6									
	17	9911	00		517	16	35	87	2	02	1	0	0	9	0	4									
	20	9912	02		515	16	35	87	2	02	1	0	0	9	0	5									
	23	9915	07		510	14	22	34	6	03	1	6	0	8	1	0				16	54	457		09	507
21	02	9913	09		504	13	31	80	6	70	2	6	0	8	1	0									
	05	9924	12		00	13	30	80	5	15	7	5	0	8	1	0									
	08	9929	11		501	13	34	74	8	70	2	8	5	6											
	11	9943	14		03	13	33	82	8	71	7	3	5	7	2										
	14	9950	14		05	13	31	74	8	70	7	8	0	8	2										
	17	9966	16		05	13	30	74	8	02	2	8	0	6	2										
	20	9952	16		12	13	42	02	8	38	3	8	0	6	2										
	23	9944	20		16	13	45	02	8	38	3	8	0	6	2					13	66	662		21	08
22	02	9950	18		17	14	42	00		39	3														
	05	9953	17		16	14	50	00		39	3														
	08	9974	17		16	13	50	00		39	3														
	11	10007	17		15	13	45	00	7	38	3	7	5	6	0	0									
	14	10029	19		14	13	30	66	7	14	3	7	0	7	7	0									
	17	10048	20		14	13	30	60	8	14	2	3	5	6	7		2								
	20	10061	21		14	13	35	16	8	38	2	3	5	6	2										
	23	10066	22		12	13	34	66	8	71	3	8	5	6						13	66	861		22	16
23	02	10079	23		12	13	28	66	8	02	2	8	5	6											
	05	10099	22		12	13	26	66	8	02	2	5	5	6	2		2								
	08	10128	22		13	13	22	66	8	02	2	8	5	5											
	11	10134	22		12	14	20	58	8	02	2	8	5	5											
	14	10143	22		14	14	22	58	8	71	7	8	0	7	2										
	17	10161	22		12	09	07	66	8	70	7	8	5	6			2								
	20	10164	21		12	12	20	66	8	70	7	8	5	6											
	23	10162	21		12	11	15	66	8	70	7	8	5	6						13	41	707		23	21
24	02	10152	20		12	11	25	80	8	02	7	8	5	6											
	05	10154	19		10	10	22	66	8	71	7	8	5	6											
	08	10151	17		08	10	18	74	8	15	7	8	5	7											
	11	10142	17		08	10	15	63	8	71	7	8	0	7	2										
	14	10125	17		07	11	13	08	8	71	7	8	0	7	2										
	17	10109	17		11	12	18	08	8	38	7	8	5	6											
	20	10092	15		11	05	06	08	8	71	7	8	0	8	2										
	23	10067	17		11	11	15	08	8	71	7	8	0	8	2					11	34	418		21	14
25	02	10047	16		11	00	00	80	7	02	7	1	5	6	3	0									
	05	10033	16		09	00	00	80	7	02	2	2	5	7	3	0									
	08	10018	17		09	00	00	80	7	02	2	7	0	8	7	0									
	11	10010	15		09	00	00	80	8	02	2	8	5	7											
	14	10001	16		10	22	04	82	7	02	2	7	5	6	0	0									
	17	9996	10		02	16	11	84	3	01	1	3	5	6	0	0									
	20	9985	10		502	14	19	84	0	01	1	0	0	9	0	0									
	23	9978	05		505	15	18	84	0	02	0	0	0	9	0	0				16	32	226		17	04
26	02	9972	04		504	16	26	84	0	36	3	0	0	9	0	0									
	05	9968	02		506	16	26	84	0	36	3	0	0	9	0	0									
	08	9968	02		506	16	28	84	0	36	3	0	0	9	0	0									
	11	9972	01		507	16	28	84	2	36	3	0	0	9	0	5									
	14	9986	01		506	15	17	84	2	36	3	0	0	9	0	1									
	17	9993	04		507	18	16	84	2	02	1	0	0	9	0	1									
	20	9996	03		507	00	00	84	0	01	1	0	0	9	0	0									
	23	10002	07		505	18	08	82	0	02	0	0	0	9	0	0				16	44	294		07	01
27	02	9998	06		504	30	07	87	0	02	0	0	0	9	0	0									
	05	10010	08		505	15	12	87	0	02	0	0	0	9	0	0									
	08	10000	07		504	32	11	87	3	03	0	1	0	9	3	5									
	11	9991	09		502	12	30	87	2	36	1	0	0	9	0	8									
	14	9991	07		503	14	23	84	2	36	3	2	0	9	3	0									
	17	9972	07		502	14	28	84	2	38	3	2	0	9	3	0									
	20	9963	07		502	14	32	82	2	38	3	2	0	9	3	0									
	23	9952	05		503	13	39	82	2	38	3	2	0	8	3	0				13	50	280		10	05

Results of Surface Observations,
MAWSON May 1965

CAL DARD ME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
	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
	02	9941	05		504	14	30	80	0	38	3	0	0	9	0	0									
	05	9929	04		505	14	23	80	0	38	3	0	0	9	0	0									
	08	9918	03		504	13	29	80	2	38	3	2	0	8	3	0									
	11	9903	03		501	13	48	00		38	3														
	14	9882	01		00	13	65	00		39	3														
	17	9903	04		03	13	54	00		39	3														
	20	9892	06		05	13	62	00		39	3														
	23	9896	07		06	13	65	00		39	3									13	91	553		07	01
	02	9904	10		09	13	60	00		39	3														
	05	9910	12		11	13	65	00		39	3														
	08	9901	11		10	13	65	00		39	3														
	11	9916	11		10	13	65	00		39	3														
	14	9910	13		05	14	55	24	8	38	3	8	0		2										
	17	9911	12		07	14	52	04		38	3														
	20	9895	14		08	14	46	32	5	36	3	5	5	6	0	0									
	23	9896	15		07	14	38	80	3	02	3	3	5	6	0	0				13	86	1271		16	08
	02	9983	15		03	14	36	80	8	02	2	8	5	6											
	05	9908	16		04	14	34	80	8	02	2	8	5	7											
	08	9913	17		03	14	30	80	8	02	2	8	5	7											
	11	9917	16		04	13	32	74	8	02	2	8	0	8	4										
	14	9917	17		03	14	29	74	8	02	2	8	5	6											
	17	9923	16		03	14	30	74	8	02	2	8	5	7											
	20	9919	16		01	13	36	74	3	01	2	3	5	7	0	0									
	23	9935	16		02	13	25	74	8	03	1	8	5	7						13	55	970		18	15
	02	9934	17		03	14	28	82	8	02	2	8	5	7											
	05	9951	16		03	14	33	82	8	02	2	8	5	7											
	08	9966	17		03	14	26	82	6	02	2	6	5	7	7	0									
	11	9973	18		03	13	39	82	7	02	2	7	5	7	0	0									
	14	9980	18		03	13	30	82	7	02	2	7	5	7	0	0									
	17	9987	18		03	13	28	82	8	02	2	2	5	7	7			2	3						
	20	9982	18		01	13	33	84	8	02	2	3	5	7	7			2	3						
	23	9989	18		01	13	30	84	8	02	2	8	0	8	7				3		13	48	655		19	16

Results of Surface Observations,
MAWSON June, 1965

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST					EXTREME TEMPERATU
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	
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	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	9994	17		01	13	28	84	8	02	2	8	0	8	7										
	05	9986	15		02	13	26	84	6	02	2	6	0	8	7	0									
	08	9978	15		00	13	24	84	3	01	1	3	0	8	7	0									
	11	9972	15		02	13	18	84	7	03	2	3	5	6	7	0									
	14	9962	15		04	13	18	84	7	02	2	2	5	6	1	0									
	17	9956	13		502	13	23	84	4	01	2	1	5	6	1	0	3	3							
	20	9947	11		504	14	22	84	0	01	1	0	0	9	0	0									
	23	9939	11		506	14	16	84	0	02	0	0	0	9	0	0				13	38	610		17	1
02	02	9939	07		507	00	00	84	0	02	0	0	0	9	0	0									
	05	9941	05		509	16	20	87	0	02	0	0	0	9	0	0									
	08	9936	05		510	14	20	87	0	02	0	0	0	9	0	0									
	11	9929	04		512	16	22	84	3	03	1	1	5	6	3	0									
	14	9928	05		510	16	16	84	3	02	1	1	5	6	3	0									
	17	9921	04		512	17	22	84	1	01	1	1	0	9	3	0									
	20	9902	02		513	15	22	84	1	02	0	1	0	9	3	0									
	23	9900	03		513	16	18	84	1	02	0	1	0	9	3	0				17	42	322		10	0
03	02	9892	00		515	14	18	84	0	02	0	0	0	9	0	0									
	05	9890	01		515	18	13	84	0	02	0	0	0	9	0	0									
	08	9883	502		517	15	20	84	0	02	0	0	0	9	0	0									
	11	9883	504		519	17	17	84	1	02	0	1	5	7	0	0									
	14	9890	503		520	15	15	84	1	02	0	1	5	7	0	0									
	17	9889	506		523	14	22	84	2	02	0	0	0	9	0	8									
	20	9904	503		520	13	12	84	1	01	1	1	0	9	3	0									
	23	9913	504		520	14	23	84	3	03	0	3	0	9	3	0				14	32	375		01	5
04	02	9922	506		522	14	28	84	5	03	1	5	0	8	7	0									
	05	9939	504		518	14	23	84	7	02	2	7	0	8	7	0									
	08	9946	507		523	14	27	84	8	02	2	8	0	8	7										
	11	9960	507		525	13	24	84	8	02	2	7	5	7	1										
	14	9970	506		525	14	21	84	5	01	2	3	5	7	1	0									
	17	9990	506		525	13	12	84	7	03	2	5	5	6	1	0	3								
	20	10001	506		523	13	15	84	5	02	2	5	5	6	0	0	3								
	23	10010	507		522	13	22	84	2	01	1	2	5	6	0	0				14	40	404		504	5
05	02	10016	507		522	14	20	84	6	03	1	3	5	6	3	0									
	05	10022	506		520	13	18	84	1	01	2	1	5	6	0	0									
	08	10032	505		520	13	20	84	2	03	1	2	5	6	0	0	3								
	11	10036	504		522	13	21	84	6	03	1	2	5	6	3	0									
	14	10042	505		522	13	20	84	1	01	1	1	5	6	0	0									
	17	10044	506		522	13	25	84	1	02	1	1	5	6	0	0									
	20	10045	508		523	14	20	84	0	02	0	0	0	9	0	0				14	35	357		504	5
	23	10035	508		522	14	22	84	0	02	0	0	0	9	0	0									
06	02	10033	508		523	14	15	84	0	02	0	0	0	9	0	0									
	05	10026	507		521	14	09	84	0	02	0	0	0	9	0	0									
	08	10017	509		523	14	17	84	0	02	0	0	0	9	0	0									
	11	10010	509		523	18	05	84	2	03	1	1	5	6	4	0									
	14	10006	509		522	11	12	84	2	02	1	1	5	6	4	0									
	17	10005	511		522	13	17	84	2	02	1	1	5	6	4	0									
	20	9998	510		521	14	18	84	0	01	1	0	0	9	0	0									
	23	9988	509		513	13	05	84	3	03	0	3	5	6	0	0				14	29	342		506	5
07	02	9977	511		516	16	10	87	0	02	0	0	0	9	0	0									
	05	9967	512		519	18	10	87	1	02	0	1	0	9	3	0									
	08	9948	514		521	15	08	87	0	01	0	0	0	9	0	0									
	11	9940	511		520	15	13	87	1	03	0	0	0	9	0	1									
	14	9950	509		521	22	10	87	3	03	1	1	0	9	3	8									
	17	9963	513		522	18	10	87	3	02	1	1	0	9	3	8									
	20	9983	514		523	18	12	87	2	02	1	0	0	9	0	8									
	23	9994	513		522	23	12	84	3	02	1	2	0	8	3	8				22	31	228		508	5
08	02	10009	515		523	20	10	84	0	01	1	0	0	9	0	0									
	05	10015	517		525	19	11	84	0	02	0	0	0	9	0	0									
	08	10014	514		522	20	07	84	0	02	0	0	0	9	0	0									
	11	10023	515		523	00	00	84	6	03	1	2	0	9	3	6									
	14	10016	513		522	05	06	80	8	03	2	0	0	9	0	7									
	17	10010	512		520	05	05	80	8	02	2	8	0	9	1										
	20	9993	510		517	24	02	82	8	02	2	8	0	9	1										
	23	9952	505		519	12	31	82	8	02	2	8	0	9	1					13	43	164		504	5
09	02	9905	503		517	13	36	82	6	02	2	6	0	9	1	0									
	05	9890	501		513	13	16	82	8	02	2	8	0	9	7										
	08	9844	04		513	13	38	82	6	02	2	6	5	6	0	0									
	11	9823	06		511	13	42	80	8	02	2	8	5	6											
	14	9857	501		510	05	14	82	8	02	2	8	5	6											
	17	9856	01		510	06	07	82	8	02	2	8	5	6											
	20	9857	01		511	04	04	84	1	01	1	1	5	6	0	0									
	23	9853	501		510	08	04	84	0	02	0	0	0	9	0	0				14	55	304		07	5

Results of Surface Observations,
MAWSON June, 1965

AL DARD E HOUR	STATION LEVEL PRESSURE	TEMPERATURES DRY BULB	WET BULB	DEW POINT	SURFACE WIND DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT LOW	MIDDLE	HIGH	MAXIMUM WIND GUST DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES MAXIMUM	MINIMUM
	mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
02	9854	502		510	25	04	84	0	02	0	0	0	9	0	0									
05	9854	502		513	24	04	84	2	03	0	2	0	9	7	0									
08	9863	504		516	00	00	84	1	02	1	1	0	9	7	0									
11	9871	506		517	17	14	84	1	02	0	0	0	9	0	1									
14	9876	502		514	17	13	84	0	02	0	0	0	9	0	0									
17	9888	504		515	16	05	84	0	02	0	0	0	9	0	0									
20	9894	506		516	16	10	84	0	02	0	0	0	9	0	0									
23	9899	506		517	17	13	84	0	02	0	0	0	9	0	0				15	33	256		501	506
02	9914	508		520	15	17	84	0	02	0	0	0	9	0	0									
05	9904	509		521	14	24	84	0	02	0	0	0	9	0	0									
08	9899	508		520	06	04	84	0	02	0	0	0	9	0	0									
11	9899	509		520	16	09	84	7	03	0	0	0	9	0	7									
14	9882	509		522	04	09	84	8	02	2	2	5	7	0	7									
17	9861	507		518	08	06	84	8	02	2	2	5	7	7		2								
20	9852	505		518	10	13	84	8	02	2	2	5	7	1										
23	9856	507		518	08	03	84	8	02	2	0	0	9	0	7				17	40	248		504	509
02	9861	503		516	11	17	84	8	02	2	0	0	9	0	7									
05	9866	502		514	11	14	84	8	02	2	8	0	9	1			2							
08	9877	501		514	13	16	84	8	02	2	8	0	9	7			2							
11	9888	00		514	12	11	84	8	02	2	8	0	9	7			2							
14	9889	503		514	24	03	84	8	02	2	4	0	9	7	7									
17	9885	504		516	00	00	84	6	01	2	3	0	9	7	8									
20	9887	504		516	00	00	84	6	02	2	0	0	9	0	8									
23	9889	501		513	19	15	84	4	01	1	0	0	9	0	8				13	29	216		00	506
02	9890	505		516	00	00	84	1	01	0	0	0	9	0	8									
05	9900	506		517	13	09	84	2	02	0	1	0	9	3	8									
08	9902	506		518	17	03	87	0	02	0	0	0	9	0	0									
11	9900	508		518	26	06	87	1	02	0	1	0	9	3	0									
14	9894	507		515	30	08	87	0	02	0	0	0	9	0	0									
17	9888	511		519	13	05	87	0	02	0	0	0	9	0	0									
20	9875	509		519	13	06	87	0	02	0	0	0	9	0	0									
23	9854	506		517	36	05	87	0	02	0	0	0	9	0	0				16	33	113		503	511
02	9837	506		518	22	09	87	0	02	0	0	0	9	0	0									
05	9803	506		518	14	13	87	2	03	0	0	0	9	0	5									
08	9765	506		518	24	08	87	2	02	1	0	0	9	0	8									
11	9731	503		517	18	15	87	3	02	1	0	0	9	0	8									
14	9709	504		518	17	26	84	1	01	1	1	0	9	3	0									
17	9703	504		518	17	13	84	0	02	0	0	0	9	0	0									
20	9697	506		520	16	14	84	0	02	0	0	0	9	0	0									
23	9682	508		522	15	15	84	1	03	0	1	0	8	7	0				17	36	128		501	509
02	9663	504		520	13	25	84	5	03	1	5	0	9	3	0									
05	9642	501		519	13	37	84	6	02	2	6	0	9	3	0									
08	9632	00		516	14	36	84	8	02	2	8	0	9	7										
11	9644	02		509	15	26	80	8	15	7	7	0	8	7										
14	9668	03		507	15	19	74	8	70	7	8	0	8	7										
17	9709	01		508	16	07	80	8	71	7	4	5	6	7		3								
20	9730	501		511	17	21	84	0	01	1	0	0	9	0	0									
23	9748	506		515	17	24	84	0	02	0	0	0	9	0	0				16	54	328		04	507
02	9769	508		517	17	25	84	0	02	0	0	0	9	0	0									
05	9779	507		516	16	14	84	0	02	0	0	0	9	0	0									
08	9781	511		516	00	00	84	0	02	0	0	0	9	0	0									
11	9788	508		515	13	18	87	1	02	0	1	0	9	3	0									
14	9799	508		516	12	10	82	1	02	0	1	0	8	3	0									
17	9798	508		517	13	27	82	1	02	0	1	5	7	0	0									
20	9793	505		515	13	27	82	1	02	0	1	5	7	0	0									
23	9800	503		513	13	24	82	2	03	0	1	5	7	3	0				13	39	364		503	511
02	9799	503		514	13	30	84	0	02	0	0	0	9	0	0									
05	9808	00		511	13	33	84	0	02	0	0	0	9	0	0									
08	9814	03		509	14	23	84	3	03	1	3	0	8	3	0									
11	9819	501		512	16	30	82	6	03	2	6	0	8	7	0									
14	9814	01		512	17	37	80	6	15	3	5	5	7	3	0	2								
17	9822	00		511	16	40	80	7	14	2	5	5	6	3	0	2								
20	9843	03		508	17	30	80	7	14	2	5	5	6	7	0									
23	9853	02		509	36	06	84	3	01	1	1	5	5	7	0				16	56	464		06	504
02	9870	02		512	16	26	84	2	02	1	2	5	6	0	0	3								
05	9874	502		514	16	32	84	0	01	1	0	0	9	0	0									
08	9884	501		514	16	20	84	0	02	0	0	0	9	0	0									
11	9893	507		517	16	27	84	1	02	0	1	0	9	3	0									
14	9895	507		517	16	30	84	2	03	0	0	0	9	0	5									
17	9899	502		514	15	20	84	4	03	1	0	0	9	0	8									
20	9899	501		512	14	25	82	6	03	1	6	0	9	3	0									
23	9901	01		509	14	25	82	5	02	2	5	0	9	4	0				14	43	465		04	507

Results of Surface Observations,
MAWSON June, 1965

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATU
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
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	Statutes	Points	°F
19	02	9895	01		509	13	31	84	5	02	2	5	0	9	7	0								
	05	9904	02		511	13	36	84	5	02	2	5	0	9	7	0								
	08	9913	01		513	13	34	84	6	02	2	1	0	9	3	8								
	11	9929	01		514	14	31	84	6	02	2	0	0	9	0	8								
	14	9946	00		515	14	30	82	6	02	2	0	0	9	0	6								
	17	9959	01		514	14	32	84	1	01	2	0	0	9	0	8								
	20	9973	503		517	13	40	84	0	82	0	0	0	9	0	0								
	23	9992	502		516	13	38	84	1	03	0	1	0	9	3	0				13	54	668		01
20	02	10012	502		516	14	30	84	7	03	1	7	0	9	3	0								
	05	10029	502		516	14	22	84	6	02	2	5	0	9	3	1								
	08	10041	506		518	16	18	84	0	01	2	0	0	9	0	0								
	11	10046	510		521	16	20	87	1	02	0	0	0	9	0	8								
	14	10050	509		519	16	17	87	1	02	0	0	0	9	0	8								
	17	10051	510		521	14	20	87	1	02	0	1	0	9	3	0								
	20	10043	510		521	14	20	87	1	02	0	1	0	9	3	0								
	23	10038	510		522	13	18	87	2	03	0	2	0	8	3	0				13	48	653		501
21	02	10006	506		519	17	11	84	8	03	1	8	0	9	1									
	05	9989	508		520	14	23	84	6	02	2	6	0	9	1	0								
	08	9972	506		520	14	20	84	8	02	2	8	0	9	1									
	11	9963	508		521	14	20	84	8	02	2	8	0	9	1									
	14	9962	511		523	13	24	84	6	01	2	1	5	6	1	8								
	17	9959	510		523	15	20	84	4	01	1	3	0	8	7	8								
	20	9950	513		525	13	26	84	0	01	0	0	0	9	0	0								
	23	9943	509		524	13	29	84	0	02	0	0	0	9	0	0				14	43	525		506
22	02	9950	511		523	13	28	84	1	02	0	1	0	9	3	0		3						
	05	9962	512		523	13	36	84	1	02	0	1	0	9	3	0		3						
	08	9972	510		521	13	34	84	1	02	0	1	0	9	3	0		3						
	11	9974	511		522	13	26	84	3	03	1	1	5	7	3	0								
	14	9985	509		520	14	25	84	0	01	1	0	0	9	0	0								
	17	10015	511		520	18	10	84	0	02	0	0	0	9	0	0								
	20	10030	510		519	18	09	84	0	02	0	0	0	9	0	0								
	23	10048	508		519	18	04	84	0	02	0	0	0	9	0	0				13	49	525		508
23	02	10061	509		519	23	06	84	0	02	0	0	0	9	0	0								
	05	10075	507		516	24	05	84	2	02	0	2	0	9	1	0								
	08	10062	507		518	15	12	84	3	03	0	3	0	9	1	0								
	11	10034	505		517	17	18	84	6	03	1	3	0	8	3	8								
	14	10016	505		515	08	12	84	8	02	2	8	0	8	7									
	17	9986	505		515	16	09	84	8	02	2	8	0	9	7			5						
	20	9949	505		516	15	09	84	8	02	2	8	0	9	7			5						
	23	9923	504		517	00	00	84	8	02	2	8	0	9	7			5		16	32	271		00
24	02	9924	509		520	00	00	84	0	01	2	0	0	9	0	0								
	05	9927	510		522	00	00	84	0	02	0	0	0	9	0	0								
	08	9923	507		519	20	07	84	0	02	0	0	0	9	0	0								
	11	9916	507		519	16	20	84	1	02	0	1	0	9	4	0								
	14	9902	507		519	14	18	84	1	02	0	1	0	9	4	0								
	17	9889	510		522	14	26	84	1	02	0	1	0	9	4	0								
	20	9878	506		519	13	22	84	0	02	0	0	0	9	0	0								
	23	9876	508		521	13	32	84	0	02	0	0	0	9	0	0				14	46	148		505
25	02	9890	508		521	09	27	84	0	02	0	0	0	9	0	0								
	05	9904	508		521	11	25	84	0	02	0	0	0	9	0	0								
	08	9929	507		520	13	19	84	2	03	0	2	0	8	3	0		3						
	11	9952	509		521	04	02	84	0	01	1	0	0	9	0	0								
	14	9965	508		521	00	00	87	0	02	0	0	0	9	0	0								
	17	9978	510		522	18	08	87	0	02	0	0	0	9	0	0								
	20	9982	509		521	23	05	84	0	02	0	0	0	9	0	0								
	23	9992	513		523	00	00	84	0	02	0	0	0	9	0	0				15	45	481		507
26	02	9998	512		522	20	06	84	0	02	0	0	0	9	0	0								
	05	10007	513		523	10	04	84	0	02	0	0	0	9	0	0								
	08	10067	514		524	00	00	84	0	02	0	0	0	9	0	0								
	11	10013	513		523	00	00	84	1	02	0	1	0	9	4	0								
	14	10013	515		525	00	00	84	1	02	0	1	5	7	0	0								
	17	10018	516		525	00	00	84	1	02	0	1	0	8	3	0								
	20	10020	515		524	00	00	84	1	02	0	1	0	8	3	0								
	23	10023	515		524	00	00	84	1	02	0	1	0	8	3	0				14	18	165		511
27	02	10022	514		524	12	02	84	0	02	0	0	0	9	0	0								
	05	10013	513		522	28	04	84	0	02	0	0	0	9	0	0								
	08	10008	510		520	14	19	82	8	03	1	8	0	9	1									
	11	10014	509		520	13	19	82	8	02	2	8	0	9	1									
	14	10021	510		521	14	23	82	8	02	2	4	0	9	7	6								
	17	10034	510		520	13	14	82	6	01	2	4	0	9	3	8		5						
	20	10052	510		521	21	08	84	2	01	2	2	0	9	3	0		5						
	23	10060	511		522	12	07	84	2	02	1	2	0	9	3	0		5		12	38	060		508

Results of Surface Observations,
MAWSON June, 1965

AL ARD E		TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
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
02	10074	509		520	21	10	84	4	03	1	4	0	9	3	0									
05	10073	514		525	16	15	84	0	01	1	0	0	9	0	0									
08	10063	515		525	16	19	84	0	02	0	0	0	9	0	0									
11	10057	516		528	00	00	84	1	02	0	1	0	9	3	0									
14	10043	516		528	14	04	84	3	03	1	0	0	9	0	5									
17	10028	515		526	18	04	84	5	03	1	2	0	8	3	8									
20	10001	513		525	09	04	84	5	02	2	2	0	8	3	8									
23	9971	512		524	00	00	84	2	01	1	0	0	9	0	8				15	35	256		509	518
02	9961	515		524	00	00	84	2	02	1	0	0	9	0	8									
05	9948	516		525	25	05	84	0	01	1	0	0	9	0	0									
08	9923	509		519	12	16	84	0	02	0	0	0	9	0	0									
11	9914	510		523	16	30	84	1	03	0	1	0	9	3	0									
14	9929	510		523	14	22	87	0	01	0	0	0	9	0	0									
17	9941	514		526	14	20	87	0	02	0	0	0	9	0	0									
20	9936	516		527	16	26	87	0	02	0	0	0	9	0	0									
23	9942	514		526	14	24	87	0	02	0	0	0	9	0	0				15	42	119		508	517
02	9954	515		527	14	23	84	0	02	0	0	0	9	0	0									
05	9951	513		526	14	18	84	0	02	0	0	0	9	0	0									
08	9951	516		528	16	25	84	0	02	0	0	0	9	0	0									
11	9952	515		528	16	26	84	1	02	0	1	0	9	3	0									
14	9954	515		526	17	31	80	1	02	0	1	5	7	0	0									
17	9957	515		527	16	34	80	1	02	0	1	5	7	0	0									
20	9961	515		527	16	34	80	1	02	0	1	5	7	0	0									
23	9959	513		525	16	28	84	0	02	0	0	0	9	0	0				16	49	480		513	516

Results of Surface Observations,
MAWSON July, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATU	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	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	9960	515		527	16	28	84	0	02	0	0	0	9	0	0									
	05	9955	513		525	16	28	84	0	02	0	0	0	9	0	0									
	08	9951	513		525	16	30	84	0	02	0	0	0	9	0	0									
	11	9959	513		525	15	24	87	1	02	0	1	0	9	3	0									
	14	9950	513		525	16	26	84	1	02	0	1	0	9	3	0									
	17	9948	513		525	15	25	84	1	02	0	1	0	9	3	0									
	20	9943	509		522	14	23	84	1	02	0	1	0	9	3	0									
	23	9941	511		523	13	04	84	1	02	0	1	0	9	3	0				16	44	613		509	51
02	02	9938	513		525	18	07	84	1	02	0	1	0	9	3	0									
	05	9924	512		524	16	15	84	1	02	0	1	0	9	3	0									
	08	9915	513		525	16	20	84	1	02	0	1	0	9	3	0									
	11	9912	513		525	16	22	84	1	02	0	1	0	9	4	0									
	14	9910	513		526	16	23	84	1	02	0	1	0	9	4	0									
	17	9919	513		526	16	22	84	0	02	0	0	0	9	0	0									
	20	9918	511		524	13	28	84	0	02	0	0	0	9	0	0									
	23	9915	510		523	14	28	84	0	02	0	0	0	9	0	0				14	46	443		508	51
03	02	9914	510		523	14	33	84	0	02	0	0	0	9	0	0									
	05	9914	508		521	13	33	84	0	02	0	0	0	9	0	0									
	08	9914	507		518	13	34	84	3	03	0	3	0	8	3	0									
	11	9924	503		514	13	30	84	8	03	1	8	0	8	7										
	14	9913	00		511	14	35	84	7	02	2	7	0	8	7	8									
	17	9899	02		510	14	39	84	3	01	2	2	0	8	4	8									
	20	9894	06		506	14	40	82	8	03	1	8	0	8	7										
	23	9885	06		04	14	46	05	0	38	3	0	0	9	0	0				14	65	488		08	51
04	02	9859	07		03	13	54	02		38	3														
	05	9858	07		07	13	58	01		38	3														
	08	9878	07		07	13	52	00		39	3														
	11	9870	09		09	13	56	00		39	3														
	14	9893	09		08	13	53	00		39	3														
	17	9934	08		08	14	42	00		38	3														
	20	9970	10		08	14	30	58	6	38	3	6	0	9	3	0									
	23	9980	13		08	14	25	82	6	02	3	6	0	9	3	0				13	78	964		13	0
05	02	9987	09		02	15	06	84	0	01	1	0	0	9	0	0									
	05	9981	07		00	19	24	84	2	03	0	2	0	8	7	0									
	08	9955	06		502	17	33	84	1	02	1	1	0	8	7	0									
	11	9938	06		501	00	00	84	1	01	1	0	0	9	0	8									
	14	9920	06		507	00	00	84	0	02	0	0	0	9	0	0									
	17	9890	03		503	05	10	84	0	02	0	0	0	9	0	0									
	20	9857	03		508	00	00	84	0	02	0	0	0	9	0	0									
	23	9833	01		509	00	00	84	0	02	0	0	0	9	0	0				18	49	745		13	50
06	02	9813	506		517	16	35	05	0	38	3	0	0	9	0	0									
	05	9818	507		515	16	31	05	0	38	3	0	0	9	0	0									
	08	9839	504		515	16	13	82	0	02	0	0	0	9	0	0									
	11	9845	503		517	14	22	84	0	02	0	0	0	9	0	0									
	14	9864	505		518	13	25	84	2	03	0	2	5	7	0	0									
	17	9874	502		515	13	23	84	3	02	1	2	5	7	0	1									
	20	9876	00		511	14	22	84	4	03	1	4	5	7	0	0									
	23	9889	02		504	14	14	84	7	03	2	3	5	7	1	0				16	50	283		03	50
07	02	9893	01		505	00	00	84	7	02	2	7	5	7	0	0									
	05	9902	03		506	18	10	84	6	02	2	6	5	7	0	0									
	08	9913	501		508	00	00	84	8	02	2	8	5	7				3							
	11	9923	502		511	04	04	84	6	01	2	6	5	7	0	0		3							
	14	9912	02		505	13	34	84	1	38	1	1	5	7	0	0									
	17	9942	512		515	07	06	84	1	01	0	1	5	7	0	0									
	20	9941	512		514	00	00	84	0	01	0	0	0	9	0	0									
	23	9935	06		504	15	18	84	6	03	0	6	0	8	7	0				13	40	327		06	51
08	02	9926	03		507	16	22	84	6	02	2	6	0	8	7	0									
	05	9915	01		510	16	26	84	2	01	2	2	0	9	3	0									
	08	9898	05		507	13	26	84	3	02	1	2	5	7	4	0									
	11	9887	09		505	14	25	82	7	03	1	7	5	7	0	0									
	14	9880	04		509	13	28	82	7	02	2	7	5	7	0	0									
	17	9865	08		507	13	32	84	7	02	2	7	5	7	0	0									
	20	9861	06		509	13	28	82	7	02	2	7	5	7	0	0									
	23	9858	06		508	16	23	82	7	02	2	7	5	7	0	0				13	46	327		09	0
09	02	9861	05		509	15	22	84	6	01	2	6	5	7	0	0									
	05	9867	05		510	13	25	84	3	01	2	3	0	8	7	0									
	08	9873	03		511	13	25	84	1	01	1	1	0	8	7	0									
	11	9867	03		511	13	30	84	7	03	0	6	5	7	7	0	3								
	14	9883	05		507	13	22	84	8	02	2	8	0	8	7			2							
	17	9890	07		505	13	24	84	8	02	2	8	5	7			2								
	20	9887	07		504	13	25	84	8	02	2	8	5	7			2								
	23	9882	08		505	13	23	84	8	02	2	8	5	7			2			13	49	848		08	0

Results of Surface Observations,
MAWSON July, 1965

LOCAL STANDARD TIME HOUR	STATION LEVEL PRESSURE	TEMPERATURES DRY BULB	TEMPERATURES WET BULB	TEMPERATURES DEW POINT	SURFACE WIND DIRECTION	SURFACE WIND 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
02	9881	04		509	14	25	84	8	02	2	8	5	7											
05	9871	08		504	13	17	84	8	02	2	8	5	7											
08	9851	10		503	13	28	84	5	01	2	5	0	8	3	0									
11	9837	09		507	14	26	82	6	02	2	6	5	7	0	0									
14	9828	07		507	14	23	82	6	02	2	3	5	7	7	0									
17	9826	06		507	16	18	84	6	02	2	2	5	7	7	0		2							
20	9817	05		506	13	22	84	3	01	2	1	0	9	3	8									
23	9814	05		508	14	20	84	3	02	1	1	0	9	3	8				13	39	543		10	03
02	9820	04		509	13	20	84	8	02	2	8	5	7			2								
05	9826	03		511	13	22	84	8	02	2	8	5	7			2								
08	9834	03		511	14	20	84	8	02	2	8	5	7			2								
11	9841	03		512	14	15	84	6	02	2	7	5	7	3		2								
14	9839	503		517	16	26	84	3	01	1	1	5	6	7	0									
17	9836	507		519	16	20	84	1	02	1	1	0	9	3	0									
20	9822	507		520	17	26	84	1	02	0	1	0	9	3	0									
23	9815	505		517	18	03	84	0	02	0	0	0	9	0	0				16	36	454		04	508
02	9812	504		517	21	06	84	0	02	0	0	0	9	0	0									
05	9799	505		516	20	10	84	0	02	0	0	0	9	0	0									
08	9791	511		516	25	06	84	0	02	0	0	0	9	0	0									
11	9793	512		516	00	00	87	1	02	0	1	0	9	4	0									
14	9796	513		517	00	00	87	2	03	0	1	5	6	0	8									
17	9809	514		518	00	00	87	1	01	1	1	6	6	0	0									
20	9826	515		519	00	00	87	0	02	0	0	0	9	0	0									
23	9835	515		519	00	00	87	0	02	0	0	0	9	0	0				16	40	321		504	515
02	9844	513		519	00	00	87	0	02	0	0	0	9	0	0									
05	9861	515		519	00	00	84	1	02	0	1	0	9	7	0									
08	9885	514		518	00	00	84	1	02	0	1	0	9	3	0									
11	9905	514		518	00	00	74	3	05	1	2	0	9	7	8									
14	9916	511		516	00	00	74	8	05	1	1	0	9	7	7									
17	9923	506		512	00	00	66	8	05	2	2	0	9	7	7									
20	9932	01		506	00	00	66	8	05	2	0	0	9	0	7									
23	9935	05		507	16	22	80	8	05	2	0	0	9	0	7				16	34	015		06	515
02	9940	03		509	15	24	82	8	02	2	8	5	7											
05	9947	06		507	15	20	82	8	02	2	8	5	6											
08	9955	07		507	14	18	82	8	02	2	6	5	6	3										
11	9967	07		508	15	19	80	8	05	2	6	5	7	3										
14	9970	06		506	14	17	58	8	70	7	8	0	9	2			7							
17	9976	06		502	14	15	48	8	71	7	8	0	8	2			7							
20	9980	06		00	14	20	48	8	71	7	8	0	8	2										
23	9988	05		00	15	20	32	8	71	7	8	0	8	2					15	34	219		08	05
02	9990	04		01	13	26	16	8	71	7	8	0	8	2										
05	10004	03		01	14	24	16	8	71	7	8	0	8	2										
08	10021	04		501	14	24	32	8	70	7	8	5	6											
11	10040	03		504	14	20	74	7	02	2	7	5	6	0	0									
14	10061	02		506	14	10	82	7	14	2	7	5	6	0	0									
17	10084	503		512	18	08	84	6	01	2	5	5	7	7	0	5								
20	10091	509		518	16	20	84	2	01	2	2	0	9	3	0									
23	10091	509		516	16	26	82	1	01	3	1	0	9	3	0				16	36	417		05	510
02	10093	508		516	00	00	84	2	03	3	2	0	9	7	0									
05	10078	510		519	16	21	84	2	02	1	2	0	9	7	0									
08	10063	509		519	17	13	84	7	03	1	0	0	9	0	6									
11	10025	506		515	13	29	84	8	02	2	8	0	9	7										
14	9998	505		516	13	25	80	8	05	2	1	5	7	2										
17	9964	503		514	14	20	80	8	05	2	8	0	7	7			2							
20	9937	506		513	11	18	80	8	05	2	8	0	7	7										
23	9918	507		514	05	09	80	8	02	7	5	0	8	1	8				13	38	285		503	511
02	9902	509		514	19	05	82	8	02	2	0	0	9	0	7									
05	9882	509		514	22	05	82	3	01	2	1	0	9	3	1									
08	9854	507		516	15	17	82	3	02	1	1	0	9	3	8		5							
11	9835	508		520	13	26	80	2	36	1	0	0	9	0	8									
14	9826	509		519	14	24	80	3	36	3	1	0	9	4	2									
17	9817	510		520	14	25	82	2	36	3	0	0	9	0	2									
20	9822	510		522	14	18	82	1	01	3	0	0	9	0	1									
23	9826	511		523	24	08	82	2	02	1	1	0	9	3	1				14	34	236		507	511
02	9824	511		522	13	12	82	1	02	0	0	0	9	0	1									
05	9822	517		527	17	18	84	0	02	0	0	0	9	0	0									
08	9828	517		527	15	15	84	1	02	0	1	0	9	3	0									
11	9832	517		528	15	12	84	2	03	1	2	0	9	4	0									
14	9835	519		530	16	15	87	1	01	1	0	0	9	0	8									
17	9841	519		530	14	12	87	0	01	0	0	0	9	0	0									
20	9847	520		530	13	06	87	0	02	0	0	0	9	0	0									
23	9850	521		530	14	15	87	0	02	0	0	0	9	0	0				16	32	370		511	521

Results of Surface Observations,
MAWSON July, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTRE TEMPERA
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F
19	02	9866	522		532	18	19	87	0	02	0	0	0	9	0	0								
	05	9875	522		532	14	18	84	1	02	0	1	0	9	7	0								
	08	9874	522		531	14	21	84	0	01	0	0	0	9	0	0								
	11	9884	523		532	16	12	84	1	02	3	0	0	9	0	8								
	14	9889	524		533	12	12	84	2	03	0	0	0	9	0	8								
	17	9874	523		530	14	17	82	2	02	3	0	0	9	0	8								
	20	9872	521		529	01	06	82	2	02	1	0	0	9	0	8								
	23	9856	522		530	14	20	82	2	02	3	0	0	9	0	8				14	41	228		519
20	02	9849	522		531	14	14	80	0	36	3	0	0	9	0	0								
	05	9837	524		532	15	19	80	0	36	3	0	0	9	0	0								
	08	9833	522		531	16	14	84	1	02	0	1	0	8	3	0								
	11	9824	525		533	16	18	84	2	02	0	1	0	8	3	5								
	14	9806	524		533	16	18	87	1	02	0	1	0	9	4	0								
	17	9806	523		532	16	07	87	1	02	0	1	0	9	4	0								
	20	9792	525		534	16	15	84	1	02	0	1	0	9	4	0								
	23	9790	525		534	14	13	84	0	02	0	0	0	9	0	0				14	34	293		521
21	02	9791	526		534	16	20	84	0	02	0	0	0	9	0	0								
	05	9788	526		535	13	15	84	0	02	0	0	0	9	0	0								
	08	9792	527		536	17	13	84	0	02	0	0	0	9	0	0								
	11	9804	528		538	14	06	84	0	02	0	0	0	9	0	0								
	14	9814	526		536	15	04	87	0	02	0	0	0	9	0	0								
	17	9822	528		538	14	15	87	0	02	0	0	0	9	0	0								
	20	9831	527		537	13	08	87	0	02	0	0	0	9	0	0								
	23	9834	528		538	14	17	87	0	02	0	0	0	9	0	0				16	32	241		524
22	02	9843	528		539	10	08	87	0	02	0	0	0	9	0	0								
	05	9843	528		538	14	19	87	0	02	0	0	0	9	0	0								
	08	9843	528		538	14	12	87	0	02	0	0	0	9	0	0								
	11	9838	528		538	14	20	87	1	36	3	1	0	9	0	8								
	14	9829	528		537	14	25	82	1	36	3	1	0	8	3	8								
	17	9812	524		533	14	28	74	3	38	3	3	5	7	0	0								
	20	9778	519		525	14	34	48	6	38	3	6	5	7	0	0								
	23	9747	516		521	13	41	08	4	38	3	4	5	7	0	0				14	64	237		514
23	02	9725	512		516	13	44	08	6	38	3	6	0	8	3	0								
	05	9715	509		512	13	34	08	7	38	3	7	0	8	7	0								
	08	9729	513		517	05	20	16	8	71	7	8	5	7										
	11	9754	514		518	04	05	56	8	71	7	8	0	7	7			1						
	14	9762	514		518	19	04	16	8	71	7	8	0	6	2			1						
	17	9768	515		518	22	04	16	8	71	7	8	0	6	2			8						
	20	9766	516		520	26	04	80	4	01	7	4	0	7	7	0								
	23	9767	510		[illegible]5	18	06	84	1	01	1	1	0	8	3	0				13	63	852		508
24	02	9754	510		514	13	27	56	0	36	3	0	0	9	0	0								
	05	9750	511		515	14	28	08	0	38	3	0	0	9	0	0								
	08	9748	509		513	14	28	16	0	38	3	0	0	9	0	0								
	11	9768	508		514	14	20	82	2	36	3	1	5	6	3	0								
	14	9778	512		518	14	14	82	3	02	1	3	0	9	3	0								
	17	9793	511		517	00	00	82	3	02	1	2	5	7	1	0								
	20	9802	513		519	00	00	84	2	02	1	1	5	7	3	0								
	23	9810	514		520	16	14	84	1	02	1	1	5	7	0	0				14	38	283		508
25	02	9815	517		521	16	25	80	0	36	3	0	0	9	0	0								
	05	9822	513		520	00	00	84	0	02	3	0	0	9	0	0								
	08	9806	515		520	13	27	80	1	36	3	1	5	6	0	0								
	11	9792	514		519	14	33	56	4	36	3	2	0	9	3	8								
	14	9759	509		514	13	35	48	8	38	3	8	0	9	7									
	17	9702	509		511	13	47	00	8	39	3	8	0	9	7									
	20	9645	505		506	13	57	00		39	3													
	23	9616	501		502	13	60	00		39	3									13	91	294		00
26	02	9635	00		501	13	44	00		39	3													
	05	9621	01		00	13	50	00		39	3													
	08	9643	00		501	13	46	00		39	3													
	11	9671	00		501	13	40	00		39	3													
	14	9676	02		01	13	34	00		38	3													
	17	9696	03		02	13	30	00		38	3													
	20	9705	04		02	13	30	00		38	3													
	23	9712	04		02	13	30	00		38	3									13	71	1005		04
27	02	9723	05		02	13	26	01	8	38	3	8	0		1									
	05	9726	04		02	13	32	01	8	38	3	8	0		1									
	08	9742	05		03	13	33	02	8	71	7	8	0	8	1									
	11	9757	04		02	13	35	00	8	38	3	4	5	7	1									
	14	9768	04		03	13	38	00		39	3													
	17	9804	04		02	13	35	00		39	3													
	20	9832	03		00	13	27	16	8	36	3	8	0	8	1									
	23	9856	02		503	13	24	80	5	01	3	5	0	8	3	0				13	50	714		05

Results of Surface Observations.
MAWSON July, 1965

AL ARD HOUR	STATION LEVEL PRESSURE	TEMPERATURES DRY BULB	WET BULB	DEW POINT	SURFACE WIND DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT LOW	MIDDLE	HIGH	MAXIMUM WIND GUST DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES MAXIMUM	MINIMUM
	mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
02	9883	501		507	14	23	84	8	01	1	0	0	9	0	0									
05	9898	503		508	17	20	84	0	02	0	0	0	9	0	0									
08	9917	504		511	00	00	87	0	02	0	0	0	9	0	0									
11	9925	505		513	17	06	87	1	02	0	1	5	7	0	0									
14	9928	506		515	16	15	87	1	02	0	1	5	7	0	0									
17	9929	508		517	16	14	87	1	02	0	0	0	9	0	1									
20	9924	509		520	00	00	87	0	02	0	0	0	9	0	0									
23	9915	508		519	16	15	84	0	02	0	0	0	9	0	0				15	33	564		01	509
02	9911	508		520	26	05	84	0	02	0	0	0	9	0	0									
05	9909	510		522	25	08	84	0	02	0	0	0	9	0	0									
08	9911	512		520	14	26	84	5	03	1	5	5	7	0	0									
11	9924	512		523	14	28	74	6	06	3	4	5	7	3	0									
14	9949	510		524	14	21	84	1	01	3	1	0	8	7	0									
17	9965	517		528	17	17	87	0	01	0	0	0	9	0	0									
20	9979	517		527	12	10	87	0	02	0	0	0	9	0	0									
23	9989	519		529	16	18	87	0	02	3	0	0	9	0	0				15	42	242		507	520
02	10006	517		527	18	12	84	0	02	3	0	0	9	0	0									
05	10003	518		528	18	25	84	0	02	0	0	0	9	0	0									
08	10012	517		528	18	11	87	0	02	0	0	0	9	0	0									
11	10022	518		529	25	08	87	2	03	0	0	0	9	0	5									
14	10032	516		526	18	07	82	7	03	1	1	5	7	3	0									
17	10020	515		526	12	22	82	8	02	2	8	0	8	7										
20	10016	514		525	12	21	82	7	02	2	7	0	8	7	0									
23	9988	513		524	11	16	82	7	02	2	7	0	8	7	0				19	41	403		513	519
02	9993	514		524	20	10	84	0	01	2	0	0	9	0	0									
05	9982	515		525	07	08	84	1	02	0	1	0	9	1	0									
08	9970	510		520	20	09	84	8	03	1	8	0	9	1										
11	9966	513		522	22	04	84	8	02	2	8	0	9	1	8									
14	9966	509		519	18	16	84	8	02	2	8	0	9	7										
17	9959	511		519	14	30	84	7	02	2	2	0	9	3	6									
20	9958	510		520	13	24	34	5	01	3	1	0	9	3	6									
23	9944	511		523	13	26	84	1	01	3	0	0	9	0	8				14	38	280		509	515

Results of Surface Observations,
MAWSON August, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREM TEMPERATU
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	Statutes	Points	°F
01	02	9947	512		523	14	29	58	3	38	0	0	0	9	0	8								
	05	9938	513		523	14	36	58	1	38	3	0	0	9	0	8								
	08	9932	515		522	13	37	58	1	38	3	1	5	6	0	0								
	11	9927	515		523	13	40	16	3	38	3	1	5	6	3	0								
	14	9927	510		520	13	36	66	7	36	3	7	5	7	0	0								
	17	9917	510		517	13	32	66	7	38	3	7	5	6	0	0	2							
	20	9898	507		512	11	38	32	8	38	3	8	5	6			2							
	23	9884	505		508	14	47	00		39	3									13	56	498		505
02	02	9857	504		507	14	47	00		39	3													
	05	9866	503		506	14	52	00		39	3													
	08	9856	502		505	14	51	00		39	3													
	11	9825	00		502	14	50	00		39	3													
	14	9843	02		506	14	47	58	8	38	3	5	0	9	7	7								
	17	9831	03		506	14	45	58	8	38	3	8	0	9	7									
	20	9823	03		501	14	46	00		39	3													
	23	9828	05		503	14	39	48	8	38	3	8	0	8	2					14	75	858		06
03	02	9813	07		505	13	38	58	8	36	3	8	0	8	2									
	05	9819	05		00	13	38	16	8	38	3	8	0	8	2									
	08	9825	09		503	13	34	58	8	02	3	8	0	8	2									
	11	9831	08		505	13	32	74	8	02	2	3	0	9	4	7								
	14	9851	04		506			82	8	02	2	3	0	8	3	7								
	17	9847	05		506	14	24	82	8	02	2	6	0	8	3	7								
	20	9853	02		509			82	3	01	2	0	0	9	0	8								
	23	9855	01		509			82	3	02	1	0	0	9	0	8				13	57	908		09
04	02	9863	501		512	18	06	84	1	02	0	0	0	9	0	8								
	05	9867	504		514	13	15	84	1	02	0	0	0	9	0	8								
	08	9875	505		515	24	06	84	3	03	0	1	0	9	3	8								
	11	9885	507		520	11	09	82	8	03	1	1	0	9	3	7								
	14	9887	505		519	00	00	82	8	02	2	8	0	9	1									
	17	9890	504		523	10	12	84	8	02	2	3	0	9	1	7								
	20	9893	508		522	13	22	84	8	02	2	0	0	9	0	7								
	23	9897	509		520	16	13	84	8	02	2	0	0	9	0	7				13	29	239		501
05	02	9891	511		521	14	14	84	4	01	2	0	0	9	0	6								
	05	9883	510		520	16	10	84	3	02	1	0	0	9	0	8								
	08	9877	510		522	14	15	84	3	02	1	0	0	9	0	8								
	11	9870	511		525	13	08	84	7	03	1	0	0	9	0	6								
	14	9868	511		524	00	00	84	7	02	2	2	0	9	7	6								
	17	9867	513		526	00	00	84	7	02	2	3	0	8	3	5								
	20	9862	514		527	15	16	84	4	01	2	0	0	9	0	8								
	23	9864	512		525	14	18	84	6	03	1	4	0	9	3	8				14	25	202		509
06	02	9867	512		522	14	16	84	8	03	2	8	5	7										
	05	9863	513		521	14	28	84	8	02	2	8	5	7										
	08	9856	514		525	14	32	84	7	02	3	7	5	7	0	0								
	11	9857	514		523	14	38	32	8	36	3	6	5	7										
	14	9861	515		525	14	40	32	7	36	3	2	5	7	0	6								
	17	9872	516		524	14	38	08	8	38	3	2	5	7	3	7								
	20	9871	517		527	14	41	80	2	01	3	2	0	8	3	0								
	23	9876	517		527	14	36	82	2	02	1	1	0	8	3	8				14	55	275		512
07	02	9856	517		525	14	41	32	0	38	0	0	0	9	0	0								
	05	9847	514		525	14	39	82	0	02	3	0	0	9	0	0								
	08	9832	514		525	15	32	82	1	02	0	1	0	9	3	0								
	11	9818	514		526	13	31	82	1	02	0	1	0	8	3	0								
	14	9801	513		525	13	27	84	2	03	0	1	0	9	3	8								
	17	9785	514		524	15	27	84	1	01	1	0	0	9	0	8								
	20	9771	514		524	15	30	84	1	02	0	0	0	9	0	8								
	23	9760	511		522	14	28	84	0	02	0	0	0	9	0	0				14	54	804		511
08	02	9756	510		520	14	27	84	1	03	0	1	0	9	3	0								
	05	9765	509		519	13	22	84	3	03	0	2	0	9	3	8								
	08	9774	509		518	22	07	84	3	02	1	3	0	9	3	0								
	11	9790	516		524	00	00	84	1	01	1	1	0	9	3	0								
	14	9808	519		527	08	04	87	1	02	1	1	0	9	4	0								
	17	9823	522		529	08	04	87	3	03	1	3	0	9	3	0								
	20	9834	523		529	00	00	87	0	01	1	0	0	9	0	0								
	23	9848	525		531	00	00	87	3	03	0	3	0	9	5	0				13	36	519		508
09	02	9859	519		526	00	00	84	3	02	1	3	0	9	5	0								
	05	9863	516		524	13	18	84	7	03	1	0	0	9	0	6								
	08	9861	514		523	13	28	84	6	02	2	6	0	8	3	0								
	11	9857	510		516	13	30	58	7	36	7	7	0	8	7	0								
	14	9851	507		513	14	28	48	8	16	3	8	0	8	7									
	17	9847	503		506	13	30	00	8	38	3	8	0	8	7									
	20	9842	501		503	13	34	00		39	3													
	23	9852	00		502	12	30	00		39	3									12	49	105		00

Results of Surface Observations,
MAWSON August, 1965

AL ARD E	HOUR	STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
			DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10^{-1}	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
02		9896	505		507	05	06	16	8	71	7	8	0	8	1										
05		9927	505		507	00	00	16	8	71	7	8	0	8	1										
08		9945	502		504	12	30	00	8	38	7	8	0	8	1										
11		9985	501		504	09	15	48	8	70	3	8	0	8	1										
14		10016	504		507	09	04	66	8	70	2	8	0	8	1										
17		10015	505		508	00	00	56	8	71	7	8	5	6			2								
20		10008	504		510	13	22	66	8	02	2	8	5	6			2								
23		9990	506		513	14	18	84	6	02	2	6	0	9	3	0				13	42	518		00	506
02		9969	506		514	13	22	82	8	03	2	8	0	8	1										
05		9952	504		514	13	22	82	8	02	2	8	0	8	1										
08		9933	505		514	11	09	82	7	02	2	7	0	9	7	0		7							
11		9925	512		519	22	08	82	8	02	2	2	0	9	3	7		7							
14		9902	509		517	05	18	82	8	02	2	2	0	9	3	7									
17		9894	514		520	00	00	82	4	01	2	1	0	9	3	8									
20		9876	510		516	00	00	82	3	02	1	0	0	9	0	8									
23		9874	507		514			82	3	02	1	0	0	9	0	8				15	30	342		504	515
02		9865	505		512	14	18	82	3	02	1	0	0	9	0	8									
05		9858	507		512	13	28	80	6	36	3	1	0	8	3	8									
08		9850	505		511	13	30	66	4	38	3	2	0	8	3	2									
11		9856	504		512	13	25	82	6	36	3	1	0	9	2	6									
14		9858	504		513	12	10	84	4	02	1	1	0	9	3	6									
17		9843	505		513	14	20	84	2	01	1	0	0	9	0	5									
20		9852	513		520	25	07	84	0	01	1	0	0	9	0	0									
23		9845	503		521	15	18	84	0	02	0	0	0	9	0	0				13	41	268		503	513
02		9842	506		516	18	04	84	1	02	0	1	0	9	1	0									
05		9847	506		515	11	03	84	1	02	0	1	0	9	1	0									
08		9844	509		518	22	08	84	0	02	0	0	0	9	0	0									
11		9840	503		513	15	08	87	1	02	0	1	0	9	7	0									
14		9830	503		511	17	16	87	1	02	0	0	0	9	0	0									
17		9821	506		518	16	14	87	2	03	0	0	0	9	0	8									
20		9813	511		521	15	20	87	0	01	1	0	0	9	0	0									
23		9806	512		523	16	17	87	0	02	0	0	0	9	0	0				15	30	292		502	513
02		9799	509		521	14	26	84	1	03	0	0	0	9	0	0									
05		9801	511		518	14	31	74	3	36	3	2	0	9	3	0									
08		9834	513		522	16	25	84	1	01	3	1	0	9	3	0									
11		9876	509		518	14	15	87	0	01	0	0	0	9	0	0									
14		9904	511		522	17	10	87	1	03	0	0	0	9	0	8									
17		9945	512		523	19	08	84	3	03	1	0	0	9	0	5									
20		9952	513		524	05	05	84	2	02	1	0	0	9	0	5									
23		9959	515		525	00	00	84	3	02	1	2	0	8	3	8				17	40	302		507	516
02		9956	511		522	14	28	84	7	03	1	7	0	8	7	0									
05		9940	511		520	09	20	84	8	02	2	8	0	8	7										
08		9889	508		511	06	23	58	8	70	7	8	0	9	7										
11		9805	503		505	13	52	00		39	3														
14		9734	501		503	13	71	00		39	3														
17		9716	01		00	14	75	00		39	3														
20		9695	02		01	14	75	00		39	3														
23		9665	03		02	14	78	00		39	3									14	113	382		05	515
02		9642	05		04	14	80	00		39	3														
05		9685	05		02	14	60	00	8	38	3	8	0	8	2										
08		9698	05		02	14	60	05	8	38	3	8	0	8	2										
11		9679	07		01	13	50	05	8	38	3	8	0	8	2										
14		9671	06		04	13	54	00		39	3														
17		9660	06		04	13	60	00		39	3														
20		9679	07		05	13	47	00		39	3														
23		9694	07		05	13	40	00		39	3									14	116	1457		07	04
02		9707	07		04	13	42	00	8	39	3	8	0	8	2										
05		9724	08		05	13	40	01	8	39	3	8	0	8	2										
08		9736	07		02	13	35	58	8	38	3	8	0	8	2										
11		9753	04		01	13	33	05	8	38	3	8	0	8	7										
14		9754	09		504	14	32	16	8	02	3	8	0	8	7										
17		9747	08		509	14	42	66	3	14	3	3	0	8	7	0									
20		9762	07		505	15	32	16	7	38	3	7	0	9	3	0									
23		9772	09		508	15	40	58	6	02	2	6	0	9	7	0				14	57	1401		09	04
02		9812	08		508	14	36	80	8	02	2	8	0	9	1										
05		9853	07		505	15	35	82	7	02	2	7	0	9	7	0									
08		9899	06		505	15	30	60	8	15	2	6	0	8	7										
11		9934	07		505	14	34	48	8	38	2	8	0	8	2										
14		9976	09		508	13	30	80	8	02	2	8	0	8	1										
17		10014	09		507	13	28	82	8	14	2	2	5	7	7										
20		10058	00		513	16	26	82	5	01	2	2	5	7	7	8									
23		10072	504		516	16	28	84	2	81	2	2	0	9	7	6				15	49	792		09	505

Results of Surface Observations,
MAWSON August, 1965

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATU
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
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F
19	02	10090	505		515	16	24	84	0	02	0	0	0	9	0	0								
	05	10095	504		515	17	23	84	0	02	0	0	0	9	0	0								
	08	10097	506		518	17	22	84	0	02	0	0	0	9	0	0								
	11	10091	504		516	16	20	84	0	02	0	0	0	9	0	0								
	14	10067	01		513	15	15	84	8	03	1	1	5	6	1									
	17	10041	01		514	13	31	84	8	02	2	8	0	9	2									
	20	10010	02		512	10	18	84	8	02	2	8	0	9	2									
	23	9977	01		510	05	21	84	8	02	2	8	0	9	2					13	39	528		03
20	02	9919	09		501	13	44	08	8	36	3	8	0	9	2									
	05	9897	11		04	13	42	08	8	36	3	8	0	9	2									
	08	9901	11		02	13	38	58	8	36	3	8	0	9	2									
	11	9909	10		04	13	40	58	8	38	3	8	0	9	2									
	14	9947	12		01	13	40	74	8	15	3	8	0	9	2									
	17	9977	13		05	12	38	74	8	15	2	8	0	7	2			2						
	20	10029	14		06	13	28	80	8	02	2	8	0	7	2			2						
	23	10057	15		06	13	27	82	6	02	2	6	0	8	7	0		2		13	58	570		15
21	02	10085	15		06	13	22	82	5	01	2	5	5	6	5	0	2							
	05	10115	18		07	13	25	82	8	03	2	8	0	8	2									
	08	10123	18		07	13	23	82	8	02	2	5	5	6	7									
	11	10125	21		07	14	29	82	6	16	2	3	5	6	7	0	3	4						
	14	10127	21		07	13	26	82	7	02	2	4	0	8	7	0								
	17	10107	17		04	14	30	84	3	01	2	3	0	9	3	0								
	20	10075	17		03	13	28	84	5	02	1	5	0	9	3	0								
	23	10048	17		01	13	34	84	2	01	1	2	0	9	3	0				13	45	680		21
22	02	10013	15		00	13	35	84	8	03	2	8	0	9	1									
	05	9977	14		00	13	35	84	8	02	2	8	0	9	7									
	08	9934	15		01	13	30	84	8	02	2	8	0	8	2			2						
	11	9888	16		03	13	35	80	8	02	2	8	0	8	2			2						
	14	9849	16		10	13	40	58	8	38	3	8	0	8	2			2						
	17	9842	17		10	12	35	80	8	36	3	8	0	8	2			2						
	20	9839	17		05	12	28	82	8	02	2	8	0	8	1			2						
	23	9839	17		04	12	22	84	8	02	2	8	0	8	1			2		12	69	624		18
23	02	9838	17		03	12	30	84	8	02	2	8	0	8	1									
	05	9834	14		04	13	34	84	6	02	2	6	0	8	1	0								
	08	9844	11		10	14	43	05	7	38	3	7	0	9	7	0								
	11	9844	14		12	13	50	00	7	38	3	1	5	7	3	0								
	14	9880	16		12	13	47	48	7	38	3	1	5	7	7	0								
	17	9887	15		13	13	51	01	6	38	3	3	5	6	7	0								
	20	9905	16		13	13	46	05	5	38	3	2	5	6	7	0								
	23	9923	16		11	13	41	16	8	38	3	8	5	7						13	71	728		17
24	02	9931	18		07	13	32	58	8	02	3	5	5	7	2									
	05	9924	18		08	13	28	82	8	02	2	5	5	7	2									
	08	9902	10		501	16	40	84	5	01	2	2	5	6	4	0								
	11	9882	12		502	16	30	84	1	01	1	1	0	9	3	0								
	14	9869	14		01			84	1	02	0	0	0	9	0	8								
	17	9837	13		501	16	21	84	4	03	1	0	0	9	0	6								
	20	9807	10		504	16	36	84	4	02	1	0	0	9	0	6								
	23	9800	08		506	16	36	84	4	02	1	0	0	9	0	6				16	56	884		18
25	02	9803	12		504	13	23	84	1	01	1	0	0	9	8	8								
	05	9817	07		507	13	26	84	1	02	0	0	0	9	0	8								
	08	9817	07		508	15	22	84	2	03	0	1	0	9	4	9								
	11	9821	09		507	16	24	87	1	01	1	0	0	9	0	8								
	14	9835	10		505	25	09	87	1	02	0	1	0	9	3	0								
	17	9857	06		506	16	10	87	0	02	0	0	0	9	0	0								
	20	9844	05		510	17	25	87	0	02	0	0	0	9	0	0								
	23	9843	02		512	16	27	87	0	02	0	0	0	9	0	0				13	44	507		13
26	02	9855	00		514	16	35	84	0	02	0	0	0	9	0	0								
	05	9865	501		515	16	34	84	0	02	0	0	0	9	0	0								
	08	9880	502		516	16	32	84	1	03	0	0	0	9	0	8								
	11	9890	501		516	15	28	84	5	03	1	0	0	9	0	6								
	14	9912	02		514	13	25	84	8	03	2	8	0	9	2									
	17	9907	04		512	11	22	84	8	02	2	8	0	9	2			7						
	20	9908	05		511	11	24	84	8	02	2	8	0	9	2			7						
	23	9880	04		506	09	25	82	8	71	7	8	0	9	2					17	49	413		06
27	02	9851	03		00	05	24	16	8	71	7	8	0	9	7									
	05	9805	07		06	12	46	00	8	38	3	8	0	9	7									
	08	9764	09		08	13	48	00	8	39	3	8	0	9	7									
	11	9772	09		08	13	49	00	8	39	3	8	0	9	2									
	14	9770	09		07	13	47	00	8	38	3	8	0	8	2									
	17	9757	09		08	13	51	00	8	39	3	8	0	8	2									
	20	9754	08		07	13	55	01	8	38	3	8	0	8	2									
	23	9766	07		05	13	50	01	8	38	3	8	0	9	2					13	69	816		09

Results of Surface Observations,
MAWSON August, 1965

AL ARD HOUR	STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
	mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
02	9785	07		06	13	48	00	8	39	3	8	0	9	2										
05	9800	06		04	13	48	01	8	39	3	8	0	9	2										
08	9821	06		05	13	45	00	8	39	3	8	0	9	2										
11	9849	08		06	13	40	05	8	39	3	8	0	9	2										
14	9875	10		08	13	30	08	8	38	3	7	0	8	7										
17	9887	10		08	13	30	16	8	38	3	8	0	8	1										
20	9911	09		02	13	26	80	5	02	3	5	0	9	1	0									
23	9922	10		01	13	24	84	8	03	2	8	0	9	1					13	64	1114		10	06
02	9922	10		50[illegible]	13	25	84	8	02	2	8	0	9	1										
05	9921	09		00	13	24	84	8	02	2	8	0	9	1										
08	9922	07		502	13	22	84	8	02	2	6	0	9	7										
11	9919	06		505	13	20	84	8	02	2	1	5	7	0	7									
14	9913	07		503	14	14	67	3	01	2	0	0	9	0	8									
17	9906	05		505	13	16	87	4	02	1	1	0	8	3	8									
20	9899	01		509	00	00	87	2	01	1	0	0	9	0	8									
23	9896	02		508	00	00	84	1	02	0	0	0	9	0	8				13	36	612		11	00
02	9895	502		513	17	12	87	0	02	0	0	0	9	0	0									
05	9893	505		513	00	00	87	0	02	0	0	0	9	0	0									
08	9891	505		514	14	09	87	2	03	0	0	0	9	0	8									
11	9895	502		513	16	08	87	1	01	1	0	0	9	0	8									
14	9898	01		510	00	00	87	2	03	0	0	0	9	0	8									
17	9902	00		514	13	24	87	0	01	1	0	0	9	0	0									
20	9905	504		517	13	26	87	0	02	0	0	0	9	0	0									
23	9911	504		517	13	28	87	2	03	0	0	0	9	0	8				15	35	204		03	505
02	9929	503		515	14	24	84	7	03	2	7	0	9	2	0									
05	9925	502		511	16	16	84	8	02	2	8	0	8	2										
08	9929	501		508	16	08	80	8	70	7	8	0	8	2										
11	9925	00		507	16	05	80	8	70	7	8	5	6											
14	9919	01		506	13	10	74	8	70	7	8	5	6											
17	9912	01		506	14	07	74	8	70	7	8	5	5											
20	9909	503		513	15	19	80	8	02	2	8	0	9	2										
23	9914	504		511	13	18	80	8	02	2	8	0	9	2					14	33	290		01	506

Results of Surface Observations,
MAWSON September, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURE	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St. miles	Points	°F	
01	02	9911	509		518	14	27	84	8	02	2	8	5	6											
	05	9911	508		516	14	24	84	3	01	2	3	5	7											
	08	9905	506		513	14	20	80	8	70	2	8	5	6											
	11	9896	504		512	14	18	80	8	02	7	8	5	6			3								
	14	9885	501		510	13	22	80	7	02	2	7	5	6	0	0	3								
	17	9880	501		510	13	19	80	7	02	2	7	5	5	0	0									
	20	9883	502		511	13	18	80	7	70	7	7	5	5	0	0									
	23	9882	504		512	14	14	80	8	70	7	8	5	5						14	33	288		501	5
02	02	9875	507		517	15	18	80	1	01	7	1	5	7	0	0									
	05	9876	507		519	16	18	84	0	02	0	0	0	9	0	0									
	08	9877	513		524	17	23	84	2	03	0	1	5	7	3	0									
	11	9891	507		524			84	6	03	1	0	0	9	0	1									
	14	9898	506		521	13	10	84	6	02	2	0	0	9	0	1									
	17	9902	509		520	09	12	84	8	03	2	2	0	9	7	7									
	20	9907	512		523	16	13	84	5	01	2	1	0	9	3	6									
	23	9909	515		526	16	18	84	2	01	1	0	0	9	0	8				16	31	340		504	5
03	02	9907	517		527	16	15	84	1	02	0	0	0	9	0	8									
	05	9906	517		528	16	15	84	1	02	0	0	0	9	0	8									
	08	9906	519		530	16	18	87	0	02	0	0	0	9	0	0									
	11	9909	515		528	20	07	87	1	02	0	0	0	9	8	8									
	14	9900	511		524	14	20	87	3	03	1	0	0	9	0	8									
	17	9911	513		526	14	20	87	5	03	1	0	0	9	0	6									
	20	9915	516		528	14	28	84	1	01	2	1	0	9	3	0									
	23	9921	517		528	13	30	84	1	02	0	1	0	9	3	0				14	39	244		511	5
04	02	9927	516		527	14	30	84	1	02	0	1	0	9	3	0									
	05	9938	515		525	13	30	84	3	03	1	1	0	9	3	8									
	08	9944	511		521	13	28	84	8	03	1	6	0	9	7	7		7	6						
	11	9949	510		522	14	30	84	8	02	3	6	0	9	3	7		7	6						
	14	9950	508		521	14	29	84	7	02	2	3	5	7	3	0									
	17	9950	507		519	13	24	80	7	16	2	7	5	6	0	0									
	20	9948	508		519	14	24	80	7	02	2	4	5	6	1	0									
	23	9937	512		525	14	33	84	2	01	2	1	0	9	3	8				14	46	487		507	5
05	02	9928	513		527	14	34	84	2	02	1	1	0	9	3	8									
	05	9926	512		526	14	36	84	1	01	1	1	0	8	3	0									
	08	9929	512		527	14	36	84	2	03	0	2	5	7	0	0									
	11	9939	509		525	13	22	84	2	02	1	2	0	8	7	0									
	14	9937	506		522	13	17	84	1	01	1	1	0	8	3	0									
	17	9939	511		525	13	17	84	0	02	0	0	0	9	0	0									
	20	9933	515		529	13	27	84	0	02	0	0	0	9	0	0									
	23	9931	515		529	13	25	84	0	02	0	0	0	9	0	0				14	47	608		506	5
06	02	9932	515		529	14	25	84	0	02	0	0	0	9	0	0									
	05	9930	516		530	15	26	84	0	02	0	0	0	9	0	0									
	08	9931	515		530	15	27	87	0	02	0	0	0	9	0	0									
	11	9938	512		527	15	12	87	1	03	0	1	0	9	1	0									
	14	9939	510		524	00	00	87	2	03	0	0	0	9	0	8			6						
	17	9941	512		525	00	00	84	4	03	1	0	0	9	0	6			7						
	20	9943	514		527	13	10	84	5	02	1	1	0	9	3	6			7						
	23	9951	517		526	24	04	84	4	02	1	1	0	9	3	6				14	36	454		509	5
07	02	9958	518		529	17	08	84	2	01	1	0	0	9	0	8									
	05	9958	518		530	16	04	84	3	03	1	2	0	9	1	8									
	08	9948	515		527	14	20	66	8	15	3	8	0	8	2										
	11	9928	513		520	14	28	08	8	71	7	8	0	8	2										
	14	9906	510		516	13	30	02	8	38	3	8	0	7	2										
	17	9852	509		513	12	50	00		39	3														
	20	9803	509		510	13	60	00		39	3														
	23	9784	508		509	13	60	00	8	39	3	8	0		2					13	80	133		508	5
08	02	9776	508		509	13	57	00	8	39	3	8	0		2										
	05	9750	507		508	13	57	00		39	3														
	08	9714	506		507	13	60	00		39	3														
	11	9685	505		506	13	60	00		39	3														
	14	9678	505		506	13	59	00		39	3														
	17	9709	503		504	14	50	00		39	3														
	20	9717	504		505	14	50	00		39	3														
	23	9728	505		506	14	38	05	8	38	3	8	0	8	1					13	80	1041		503	5
09	02	9735	505		509	15	20	74	4	01	3	4	0	8	1	0									
	05	9722	507		513	16	17	84	0	01	1	0	0	9	0	0									
	08	9696	508		515	17	20	84	4	03	1	4	5	7	0	0									
	11	9675	505		512	27	11	84	4	02	1	1	5	7	7	0									
	14	9658	510		516	26	06	87	0	01	1	0	0	9	0	0									
	17	9659	511		517	00	00	87	0	02	0	0	0	9	0	0									
	20	9637	511		517	10	10	87	1	03	0	0	0	9	0	8									
	23	9623	512		517	00	00	87	1	02	0	0	0	9	0	8				14	32	835		505	5

Results of Surface Observations, MAWSON September, 1965

STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	Statutes	Points	°F	°F
9619	510		516			87	1	02	0	0	0	9	0	8									
9633	510		516			87	1	02	0	0	0	9	0	8									
9638	507		511	14	32	74	4	38	3	4	0	8	7	0									
9646	504		508	13	36	32	7	38	3	1	0	8	4	6									
9657	503		507	12	36	16	5	36	3	2	0	9	3	6									
9662	503		505	12	46	16	6	36	3	3	0	9	3	6									
9660	501		502	13	51	02	8	38	3	8	0	8	2										
9657	501		502	13	59	00	8	39	3	8	0	8	2					13	77	179		00	513
9656	00		501	13	65	00		39	3														
9673	00		501	13	68	00		39	3														
9687	01		00	13	65	00		39	3														
9746	03		02	13	60	00		39	3														
9838	05		01	14	30	05	8	38	3	8	0	9	2										
9866	05		503	12	23	84	7	14	3	6	0	8	7	8									
9892	501		509	16	10	84	3	01	1	3	0	9	3	0									
9893	503		510	17	14	84	1	01	1	1	0	9	3	0				13	90	1162		06	505
9883	502		509	09	03	74	7	03	1	7	0	9	2	0									
9867	505		507	08	02	16	8	71	7	8	0	9	2			7							
9845	504		506	35	02	74	8	71	7	8	0	8	2										
9821	00		502	00	00	80	8	71	7	8	0	8	2										
9790	00		502	06	06	80	8	70	7	8	0	8	2										
9765	501		502	00	00	74	8	70	7	8	5	7			3								
9742	503		504	00	00	82	7	70	7	7	5	7	0	0									
9718	502		508	13	20	82	8	70	7	8	5	7						13	30	454		03	505
9702	502		507	13	25	80	8	71	7	8	5	7											
9688	508		511	13	35	16	5	38	3	2	5	7	1	0									
9685	508		511	13	34	08	8	38	3	7	5	6	1										
9684	505		509	12	34	32	8	38	3	8	0	8	1										
9697	503		509	12	30	58	8	36	3	8	0	8	7										
9700	506		513	12	28	80	8	02	3	1	5	7	7	7	3								
9713	508		514	12	25	82	7	02	2	6	5	7	0	8									
9719	510		516	13	25	82	7	36	3	5	5	7	7	0				13	47	127		501	510
9726	511		517	12	28	80	7	36	3	4	0	9	7	6									
9731	511		517	13	25	80	7	02	3	4	0	9	7	6									
9732	515		520	13	29	80	3	36	3	0	0	9	0	8									
9747	509		516	13	23	84	1	01	1	0	0	9	0	8									
9753	506		513	12	16	87	1	02	0	0	0	9	0	8									
9751	507		514	13	25	87	0	36	0	0	0	9	0	0									
9750	509		514	13	32	84	0	36	3	0	0	9	0	0									
9750	509		513	13	30	32	0	38	3	0	0	9	0	0				13	44	727		506	515
9736	506		512	13	34	08	0	38	3	0	0	9	0	0									
9722	503		511	13	34	82	1	02	3	0	0	9	0	8									
9710	505		509	13	35	58	6	38	3	0	0	9	0	6									
9707	00		509	13	33	82	8	03	3	1	0	9	3	7									
9685	501		503	13	35	08	5	38	3	3	0	9	3	8									
9676	02		502	13	29	16	2	38	3	0	0	9	0	8									
9660	01		506	13	40	16	2	38	3	0	0	9	0	8									
9653	05		505	14	36	74	2	36	3	0	0	9	0	8				15	65	619		06	510
9635	502		505	15	49	08	2	38	3	0	0	9	0	8									
9632	501		505	15	47	80	2	02	3	0	0	9	0	8									
9655	00		505	16	42	08	3	38	1	1	0	9	3	8									
9666	06		502	13	32	80	3	02	3	0	0	9	0	2									
9692	08		00	13	26	84	6	03	1	0	0	9	0	6									
9716	07		00	13	31	84	8	03	2	0	0	9	0	6									
9739	07		03	13	27	80	6	14	3	3	5	7	7	8									
9973	07		02	13	27	82	1	01	1	1	5	7	0	0				15	64	823		10	502
9818	11		06	13	32	82	1	02	0	1	0	9	3	0									
9850	12		06	13	36	82	8	03	1	8	5	7											
9884	14		07	12	39	82	8	02	2	6	5	7	7		3								
9912	16		09	13	40	66	8	05	2	8	0	7	2										
9937	20		09	13	31	74	8	15	2	8	0	7	2										
9942	21		10	13	28	84	7	15	2	7	0	7	7	0									
9941	20		08	15	20	84	4	01	2	2	5	7	3	1									
9920	11		02	16	36	84	1	01	1	1	5	7	0	0				13	55	697		21	09
9883	11		02	15	36	84	0	02	0	0	0	9	0	0									
9858	12		02	16	27	84	0	02	0	0	0	9	0	0									
9826	10		02	22	34	87	0	02	0	0	0	9	0	0									
9811	13		02	16	27	87	0	02	0	0	0	9	0	0									
9815	13		02	14	29	87	0	02	0	0	0	9	0	0									
9827	11		00	05	10	87	0	02	0	0	0	9	0	0									
9823	04		506	12	28	84	0	02	0	0	0	9	0	0									
9836	04		505	16	25	84	0	02	0	0	0	9	0	0				16	64	650		14	03

Results of Surface Observations,
MAWSON September, 1965

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATU
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
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F
19	02	9842	05		509	18	25	84	0	02	0	0	0	9	0	0								
	05	9839	01		509	21	16	84	1	02	0	1	5	4	0	0								
	08	9810	01		511	14	46	84	2	02	1	2	1	5	0	0	3							
	11	9825	00		513	16	32	87	0	02	1	0	0	9	0	0								
	14	9840	01		511	13	38	74	1	03	0	1	1	4	0	0	3							
	17	9835	501		508	14	41	48	3	36	3	1	4	4	7	0								
	20	9855	503		510	13	44	74	3	38	3	2	5	5	7	0								
	23	9858	502		513	14	44	82	1	02	1	1	0	9	3	0				14	69	472		06
20	02	9840	02		509	14	44	82	1	02	1	1	0	9	3	0								
	05	9841	03		507	14	44	82	3	03	1	3	5	7	0	0	2							
	08	9856	05		505	14	48	48	8	03	3	8	5	6			2							
	11	9856	06		501	13	55	16	8	38	3	2	5	5	1									
	14	9888	06		04	13	48	01	8	38	3	8	0	8	2									
	17	9927	08		02	14	33	80	8	36	3	7	0	7	2	8								
	20	9950	07		501	16	26	80	8	02	2	8	0	8	7									
	23	9961	07		502	17	20	82	2	02	1	2	0	9	3	0				13	73	858		09
21	02	9954	05		00	15	16	82	6	03	1	6	0	9	7	0								
	05	9954	03		504	14	15	84	1	02	1	1	0	9	3	0								
	08	9949	01		508	17	17	87	1	02	0	1	0	9	1	0								
	11	9943	03		505	16	17	87	0	02	0	0	0	9	0	0								
	14	9940	07		503	13	20	87	0	02	0	0	0	9	0	0								
	17	9939	03		505	13	21	87	7	02	1	7	5	6										
	20	9940	501		512	15	20	87	1	02	1	1	5	7	0	0								
	23	9936	503		516	14	30	84	1	02	1	1	5	7	0	0				16	40	645		07
22	02	9950	504		517	14	31	82	0	02	0	0	0	9	0	0								
	05	9952	506		519	14	28	82	3	02	1	3	5	6	0	0								
	08	9968	503		515	14	22	74	8	70	7	8	5	6										
	11	9982	503		512	13	20	58	8	71	7	7	5	5	3									
	14	9991	501		513	12	18	74	8	02	7	8	0	8	2									
	17	10003	502		514	12	16	74	8	02	2	8	5	6										
	20	10014	503		514	12	13	82	8	70	2	8	5	6										
	23	10016	508		517	14	13	82	7	01	2	7	5	7						13	46	495		501
23	02	10020	510		519	15	16	82	5	01	2	5	5	7	0	0								
	05	10019	510		520	16	14	82	3	02	2	3	5	7	0	0								
	08	10016	511		522	14	15	87	2	02	1	2	5	7	0	0								
	11	10018	506		519	16	08	87	2	02	1	1	5	7	3	0								
	14	10015	503		516	26	03	87	3	03	0	1	5	7	0	5								
	17	10008	503		514	05	01	87	3	03	0	1	5	7	0	5								
	20	9999	509		518			87	1	02	1	1	5	7	0	0								
	23	9988	509		519	00	00	87	1	02	0	1	5	7	0	0				16	30	356		501
24	02	9978	511		521	14	07	87	0	01	0	0	0	9	0	0								
	05	9968	508		520	00	00	87	1	02	0	0	0	9	0	8								
	08	9957	508		519	14	15	87	7	03	1	0	0	9	0	8								
	11	9946	505		515	17	10	84	7	02	2	0	0	9	0	8								
	14	9935	503		513	24	09	87	7	02	2	0	0	9	0	6								
	17	9914	504		513	23	08	82	8	03	2	4	0	9	2	6								
	20	9896	503		511	12	08	82	8	03	2	8	0	9	2									
	23	9872	505		517	14	20	84	0	02	0	0	0	9	0	0				13	29	090		501
25	02	9857	507		518	13	21	87	0	02	0	0	0	9	0	0								
	05	9844	510		520	16	22	87	0	02	0	0	0	9	0	0								
	08	9837	509		519	15	21	87	1	02	0	1	5	7	0	0								
	11	9837	504		517	14	12	87	0	02	0	0	0	9	0	0								
	14	9832	503		515	00	00	87	0	02	0	0	0	9	0	0								
	17	9829	504		513	26	05	87	0	02	0	0	0	9	0	0								
	20	9828	505		518	15	15	87	0	02	0	0	0	9	0	0								
	23	9826	511		521	14	25	87	0	02	0	0	0	9	0	0				14	36	277		502
26	02	9829	510		522	14	26	84	0	02	0	0	0	9	0	0								
	05	9826	514		526	14	32	87	1	02	0	1	5	7	0	0								
	08	9834	510		521	14	30	84	7	03	2	7	5	6										
	11	9837	511		521	14	35	82	3	36	3	3	5	6	3	2								
	14	9853	508		517	13	32	82	2	36	3	2	6	5	7	2								
	17	9867	508		517	14	29	84	1	14	3	1	5	7	7	2								
	20	9877	510		520	14	32	84	1	01	1	1	5	7	0	0								
	23	9893	511		521	15	22	84	1	02	0	1	5	7	0	0				14	46	359		507
27	02	9902	511		523	14	26	84	0	02	0	0	0	9	0	0								
	05	9914	515		525	15	19	84	0	02	0	0	0	9	0	0								
	08	9904	512		523	14	22	84	1	02	0	1	0	9	1	0								
	11	9899	508		520	13	20	87	1	02	0	1	0	9	1	0								
	14	9896	506		518	11	14	87	1	02	0	1	0	9	3	0								
	17	9887	505		516	13	13	87	0	02	0	0	0	9	0	0								
	20	9868	513		523	13	18	87	0	02	0	0	0	9	0	0								
	23	9863	513		523	14	15	87	0	02	0	0	0	9	0	0				14	40	581		505

Results of Surface Observations,
MAWSON September, 1965

RD HOUR	STATION LEVEL PRESSURE	TEMPERATURES DRY BULB	TEMPERATURES WET BULB	TEMPERATURES DEW POINT	SURFACE WIND DIRECTION	SURFACE WIND 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
02	9848	512		523	15	20	84	0	02	0	0	0	9	0	0									
05	9833	515		526	15	20	84	0	02	0	0	0	9	0	0									
08	9826	514		525	14	24	87	1	02	0	1	0	9	3	0									
11	9823	509		521	13	12	87	2	03	1	0	0	9	0	6									
14	9809	506		518	08	12	84	6	03	1	0	0	9	0	6									
17	9792	507		517	05	20	84	8	03	2	2	0	9	1	7		7	7						
20	9783	505		515	11	24	84	8	02	2	6	0	9	1	7									
23	9733	505		509	12	46	16	8	38	3	8	0	8	2					12	63	377		504	516
02	9738	504		508	13	44	02	8	38	3	8	0	8	2										
05	9738	503		505	13	50	02	8	38	3	8	0	8	2										
08	9747	501		506	13	50	08	8	38	3	8	0	8	2										
11	9771	03		504	13	38	66	8	36	3	8	0	8	2										
14	9783	05		503	13	37	80	7	02	3	7	0	8	2	0									
17	9797	04		504	13	36	80	8	02	2	7	5	6	1										
20	9805	03		505	13	31	80	8	02	2	8	0	8	7					13	71	650		05	504
23	9820	03		505	13	26	80	8	02	2	2	5	7	7										
02	9814	03		505	14	30	80	5	01	2	5	5	7	0	0									
05	9809	03		506	14	24	82	7	03	2	7	5	7	0	0									
08	9809	03		505	16	14	84	7	02	2	1	0	9	4	6									
11	9806	08		502	15	12	87	3	01	2	0	0	9	0	1									
14	9797	11		01	14	18	87	1	01	1	0	0	9	0	1									
17	9790	10		00	14	17	87	0	02	0	0	0	9	0	0									
20	9792	02		509	15	19	87	1	02	0	1	5	7	0	0									
23	9795	501		510	16	25	87	1	02	0	1	5	7	0	0				13	43	673		12	501

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	9802	502		512	16	26	87	0	02	0	0	0	9	0	0									
	05	9812	505		514	16	31	87	1	02	0	1	0	9	1	0									
	08	9821	00		510	15	25	87	1	02	0	1	0	9	7	0									
	11	9836	05		505	14	24	87	1	02	0	1	0	9	7	0									
	14	9849	09		501	12	20	87	2	03	0	2	0	9	4	0									
	17	9863	07		503	13	22	87	3	02	1	0	0	9	0	1			7						
	20	9879	04		506	14	17	87	1	01	1	0	0	9	0	1			7						
	23	9889	01		509	15	24	87	1	02	0	1	0	9	3	0				13	37	411		09	506
02	02	9900	00		510	15	23	87	0	02	0	0	0	9	0	0									
	05	9905	02		507	14	11	87	1	02	0	1	5	6	0	0									
	08	9910	08		502	12	24	80	8	03	1	7	5	6	2										
	11	9906	11		01	12	31	80	8	02	2	8	5	6											
	14	9925	12		02	12	26	80	8	02	2	8	5	6											
	17	9935	12		03	12	30	80	8	02	2	8	5	7				2							
	20	9946	11		03	12	28	80	8	02	2	8	5	6											
	23	9959	12		04	12	26	80	8	70	7	8	5	6						12	44	470		12	501
03	02	9964	11		04	12	28	80	8	70	7	8	5	6											
	05	9970	10		02	13	34	80	8	02	7	8	5	6											
	08	9966	12		01	13	40	82	8	02	2	8	5	7											
	11	9976	15		03	13	33	82	8	02	2	6	5	7	1										
	14	9990	17		08	13	27	82	7	14	2	3	5	7	1	0									
	17	9990	16		11	12	28	66	8	71	7	8	0	7	2										
	20	9995	13		08	12	34	80	8	70	7	8	0	8	7										
	23	10007	13		10	12	31	66	8	71	7	8	0	8	7					13	50	628		17	10
04	02	10019	12		09	12	28	74	8	71	7	6	0	8	7	8									
	05	10021	11		06	14	27	80	6	01	7	5	0	8	7	2									
	08	10031	13		07	12	20	80	8	03	2	8	0	8	7										
	11	10035	17		09	11	10	80	7	02	2	1	5	7	3	0									
	14	10032	18		12	06	03	87	6	02	2	0	0	9	0	6									
	17	10020	17		08	08	10	87	4	01	2	4	5	5	0	0	3								
	20	10007	09		501	12	22	87	2	01	1	1	5	6	4	0									
	23	9994	07		503	13	26	84	7	03	1	1	5	7	3	0				12	40	621		19	05
05	02	9968	06		504	13	37	82	4	01	2	4	5	7	0	0									
	05	9939	08		506	13	34	82	7	03	1	7	5	7	0	0									
	08	9918	07		505	16	28	82	7	02	2	7	5	6	4	2									
	11	9884	07		504	15	23	84	4	01	2	1	5	6	0	2	3		3						
	14	9854	10		00	31	09	84	5	02	2	5	0	8	3	0									
	17	9817	09		501	28	06	84	3	01	2	1	1	6	3	0	3	3							
	20	9762	08		501	00	00	84	3	02	1	1	8	6	3	0	3								
	23	9716	07		503	13	04	84	1	01	1	1	1	0	9	3	0			13	49	453		11	04
06	02	9667	05		504	00	00	80	0	02	0	0	0	9	0	0									
	05	9641	00		507	11	21	84	0	02	0	0	0	9	0	0									
	08	9609	12		502	14	26	87	0	02	0	0	0	9	0	0									
	11	9599	16		02	13	25	87	0	02	0	0	0	9	0	0									
	14	9626	17		03	32	14	87	0	02	0	0	0	9	0	0									
	17	9624	18		03	14	16	87	0	02	0	0	0	9	0	0									
	20	9638	09		504	13	30	87	2	03	0	0	0	9	0	5									
	23	9658	07		507	16	28	87	2	02	1	0	0	9	0	1				13	46	216		19	501
07	02	9674	04		509	15	32	84	2	02	1	2	0	9	3	0									
	05	9689	05		508	15	25	84	4	03	1	3	0	9	3	8									
	08	9713	04		509	15	25	84	6	03	1	0	0	9	0	6			7						
	11	9725	12		503	13	22	84	6	02	2	0	0	9	0	6			7						
	14	9747	14		501	13	20	87	3	01	2	2	0	9	3	8									
	17	9757	13		502	13	19	87	1	01	1	1	0	9	3	0									
	20	9770	06		506	15	20	87	2	03	0	1	0	9	3	5			7						
	23	9771	00		512	16	30	84	2	02	1	1	0	9	1	5		7	7	13	50	465		15	501
08	02	9770	02		511	16	24	84	6	03	1	2	0	9	1	6									
	05	9765	02		511	16	22	84	6	02	2	3	0	9	1	5									
	08	9762	04		510	14	22	84	6	02	2	2	5	7	0	6									
	11	9749	07		508	13	28	84	6	02	2	2	0	9	2	5									
	14	9745	10		504	12	24	84	3	01	2	0	0	9	0	8									
	17	9742	09		505	09	14	84	3	02	1	1	0	9	4	8									
	20	9721	03		509	12	26	84	3	02	1	1	5	7	3	6									
	23	9714	03		510	14	22	84	7	03	1	0	0	9	0	6				13	40	457		10	00
09	02	9711	03		510	13	17	84	6	02	2	0	0	9	0	8									
	05	9708	00		512	13	22	84	3	01	2	1	0	9	1	8									
	08	9700	01		511	16	20	84	1	01	1	1	0	9	3	0									
	11	9699	07		507	13	11	87	2	03	0	1	0	9	7	8									
	14	9701	05		505	26	06	87	1	01	1	0	0	9	0	1									
	17	9691	07		504	00	00	87	1	02	0	0	0	9	0	1									
	20	9694	01		510	13	15	87	0	02	0	0	0	9	0	0									
	23	9693	501		512	15	18	87	0	02	0	0	0	9	0	0				14	34	480		09	503

Results of Surface Observations,
MAWSON October, 1965

LOCAL STANDARD TIME	STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
	mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
02	9692	503		514	15	18	84	0	02	0	0	0	9	0	0									
05	9694	504		516	15	20	84	1	02	0	1	5	6	0	0									
08	9695	502		514	15	22	84	2	03	0	1	0	9	3	8									
11	9690	00		516	13	34	84	1	01	1	0	0	9	0	8									
14	9692	02		513	13	28	84	1	02	0	1	0	9	4	0									
17	9699	02		513	12	30	84	2	03	0	1	0	9	4	8									
20	9718	503		518	13	32	84	3	03	1	2	0	9	3	8									
23	9728	509		521	16	30	84	2	02	1	1	0	9	3	8				13	47	278		03	510
02	9758	508		521	17	25	84	0	02	0	0	0	9	0	0									
05	9758	510		522	16	18	87	0	02	0	0	0	9	0	0									
08	9757	509		521	16	24	87	0	02	0	0	0	9	0	0									
11	9761	502		517	15	18	87	0	02	0	0	0	9	0	0									
14	9768	03		512	13	17	87	0	02	0	0	0	9	0	0									
17	9782	03		511	00	00	87	0	02	0	0	0	9	0	0									
20	9802	503		515	15	14	87	1	02	0	0	0	9	0	5									
23	9819	508		520	15	24	87	0	02	0	0	0	9	0	0				16	45	571		04	513
02	9842	512		524	15	24	87	1	02	0	0	0	9	0	8									
05	9852	509		522	15	20	87	2	03	1	1	0	9	3	8									
08	9855	503		518	13	25	84	8	03	1	8	0	9	1										
11	9872	501		515	13	25	84	8	02	2	8	0	9	1										
14	9881	01		513	10	23	84	8	02	2	8	0	9	1										
17	9873	01		511	09	25	84	8	02	2	1	5	7	7										
20	9867	502		512	07	23	84	8	02	2	8	0	9	1										
23	9858	02		507	11	34	58	8	38	2	8	0	9	1					11	49	368		02	512
02	9815	03		02	12	40	00	8	38	3	8	0	9	2										
05	9799	04		03	12	51	00	8	38	3	8	0	9	2										
08	9763	06		05	12	58	00	8	39	3	8	0	8	2										
11	9748	07		06	12	62	00	8	39	3	8	0	8	2										
14	9719	09		08	12	65	00		39	3														
17	9708	09		08	12	65	00		39	3														
20	9708	09		08	12	65	00		39	3														
23	9713	10		09	12	60	00		39	3									13	91	681		11	03
02	9676	10		09	13	56	00		39	3														
05	9651	11		10	13	61	00		39	3														
08	9658	11		10	13	68	00		39	3														
11	9643	11		10	13	70	00		39	3														
14	9636	13		12	13	78	00		39	3														
17	9650	13		12	13	75	00		39	3														
20	9667	14		13	13	65	00		39	3														
23	9675	15		14	13	60	00		39	3									13	104	1390		16	10
02	9694	17		16	13	60	00		39	3														
05	9700	21		20	13	58	00		39	3														
08	9735	21		20	13	45	01	8	38	3	8	0	8	1										
11	9780	23		15	13	18	80	8	15	3	8	0	8	1										
14	9790	25		19	13	25	84	8	02	3	5	0	8	1	8									
17	9811	25		14	12	19	84	8	02	2	1	0	9	7	8									
20	9833	23		12	15	10	84	8	02	2	6	0	9	7	8									
23	9839	19		08	00	00	84	8	02	2	8	0	9	1					13	88	1312		26	15
02	9837	19		07	16	08	82	8	02	2	8	0	8	2										
05	9841	16		05	00	00	82	8	02	2	8	0	8	2										
08	9839	18		06	00	00	84	6	01	2	1	5	6	0	2									
11	9840	21		05	12	20	87	6	02	2	1	5	6	0	8									
14	9838	21		08	10	16	87	8	02	2	1	0	9	4	8									
17	9829	19		07	09	18	80	8	02	2	1	5	6	1										
20	9810	16		05	11	28	80	8	02	7	8	0	9	2										
23	9805	13		07	11	23	58	8	71	7	8	0	9	2					12	42	298		22	12
02	9797	11		06	11	25	16	8	71	7	8	0	9	2										
05	9780	11		05	11	34	56	8	71	7	8	0	9	7										
08	9776	11		06	12	36	32	8	71	7	1	7	5	2		3								
11	9785	12		05	11	25	84	8	15	7	8	0	9	2										
14	9790	16		05	12	10	82	8	02	2	8	0	9	1										
17	9792	14		06	31	09	84	7	02	2	4	0	9	1	6									
20	9784	11		02	30	06	84	7	02	2	3	0	9	1	6									
23	9783	06		503	15	17	84	6	02	2	2	0	9	3	6				12	51	503		16	03
02	9778	04		507	15	25	84	5	02	2	1	0	9	3	6									
05	9767	06		506	16	25	84	4	01	2	0	0	9	0	6									
08	9762	07		505	16	22	84	7	03	1	0	0	9	0	7									
11	9764	13		501	06	08	84	5	01	2	0	0	9	0	1									
14	9753	15		502	12	16	87	1	01	2	0	0	9	0	1									
17	9743	11		01	28	07	87	1	02	0	0	0	9	0	8									
20	9726	10		501	00	00	87	1	02	0	0	0	9	0	1									
23	9711	04		505	16	18	87	1	02	0	0	0	9	0	1				15	44	396		15	03

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	02	9715	05		508	16	20	87	0	02	0	0	0	9	0	0									
	05	9714	05		509	13	30	82	0	36	0	0	0	9	0	0									
	08	9724	07		508	14	30	87	0	02	0	0	0	9	0	0									
	11	9739	07		507	14	28	87	0	02	3	0	0	9	0	0									
	14	9760	07		505	13	26	87	2	03	0	1	4	5	0	8			5						
	17	9773	06		506	13	25	87	2	02	1	1	6	5	0	8			5						
	20	9789	01		511	13	25	87	4	03	1	1	5	7	7	8	3	6	6						
	23	9787	00		512	13	36	84	4	38	1	1	5	7	7	8				13	52	323		08	503
20	02	9795	504		514	13	39	82	2	38	3	2	5	7	0	0									
	05	9799	503		515	13	42	80	3	36	3	2	5	7	7	0									
	08	9809	01		510	13	42	74	7	36	3	7	5	6	0	0									
	11	9820	04		507	13	38	74	7	02	3	1	5	6	0	4									
	14	9821	07		502	13	36	80	4	36	3	1	5	6	3	0									
	17	9815	07		504	13	42	74	7	38	3	7	5	5	0	0									
	20	9812	05		509	13	45	80	7	02	3	2	5	6	7	0									
	23	9814	05		509	13	45	80	7	02	3	7	5	7	0	0				13	60	689		07	505
21	02	9809	04		510	13	50	82	7	02	3	7	5	7	0	0									
	05	9808	05		507	13	41	82	7	36	3	7	5	7	2										
	08	9799	07		503	14	48	58	8	38	3	8	0	8	7										
	11	9783	11		01	13	52	66	8	38	3	2	5	7	2		2								
	14	9796	14		02	13	47	60	8	36	3	8	0	8	2										
	17	9796	14		01	14	50	66	8	38	3	6	0	8	7										
	20	9802	13		01	13	50	60	8	36	3	8	0	8	2										
	23	9814	15		03	13	45	66	8	38	3	7	0	8	7					13	75	897		16	03
22	02	9826	15		03	13	39	80	4	02	1	4	0	8	7	0									
	05	9840	17		02	13	29	80	7	03	1	7	0	8	2	0									
	08	9858	16		01	13	20	80	7	02	2	3	0	8	7	0									
	11	9860	15		01	16	29	84	6	02	2	6	0	9	3	0									
	14	9868	18		03	16	25	87	2	01	2	1	0	9	3	1									
	17	9872	15		00	16	24	87	1	02	0	1	0	9	3	0									
	20	9876	08		505	16	32	87	1	02	0	1	0	9	7	0									
	23	9880	05		508	16	30	87	1	02	0	1	0	9	7	0				13	59	936		18	04
23	02	9888	03		510	14	27	84	0	02	0	0	0	9	0	0									
	05	9897	01		512	16	27	84	0	02	0	0	0	9	0	0									
	08	9900	06		509	13	33	87	1	03	0	1	0	9	3	0									
	11	9916	10		506	13	30	87	1	02	0	1	0	9	3	0									
	14	9937	14		501	12	21	87	3	03	0	1	1	5	0	8									
	17	9951	13		502	12	21	87	3	02	1	1	4	5	0	8									
	20	9956	06		507	13	26	87	3	02	1	1	0	9	7	8									
	23	9959	05		510	13	36	87	3	02	1	0	0	9	0	8				13	48	533		15	01
24	02	9963	03		511	13	34	84	1	01	1	1	5	7	0	0									
	05	9963	04		510	13	34	87	3	03	1	2	5	7	3	0									
	08	9960	05		509	13	30	87	1	01	1	1	5	7	0	0									
	11	9956	11		504	13	25	87	1	02	0	1	0	9	3	0									
	14	9956	15		501	10	14	87	5	03	1	0	0	9	0	1									
	17	9950	14		00	32	04	87	4	02	2	1	0	9	3	1									
	20	9939	10		502	13	18	87	2	01	1	1	5	7	0	1									
	23	9935	07		506	14	17	87	1	02	0	1	0	9	3	0				13	46	642		16	02
25	02	9927	02		511	15	27	87	1	02	0	1	0	9	3	0									
	05	9922	03		510	13	16	87	2	02	0	0	0	9	0	8									
	08	9919	09		508	11	12	87	1	02	0	0	0	9	0	8									
	11	9926	12		505	13	17	87	2	02	0	0	0	9	0	5			1						
	14	9938	13		501	00	00	87	1	02	0	0	0	9	0	1									
	17	9946	16		501	10	10	87	0	02	0	0	0	9	0	0									
	20	9956	10		503	13	18	87	0	02	0	0	0	9	0	0									
	23	9963	05		507	15	17	87	0	02	0	0	0	9	0	0				15	36	362		18	501
26	02	9966	05		510	14	23	84	0	02	0	0	0	9	0	0									
	05	9962	05		510	14	26	87	0	02	0	0	0	9	0	0									
	08	9958	05		510	13	31	87	0	02	0	0	0	9	0	0									
	11	9956	09		506	12	29	87	1	02	0	1	5	7	0	0									
	14	9957	15		00	12	22	84	6	03	1	6	5	6	0	0									
	17	9952	13		502	12	22	84	7	03	2	7	5	6	0	0	2								
	20	9939	06		508	12	26	84	3	01	2	2	5	6	0	1									
	23	9934	05		509	13	25	84	1	01	1	1	5	7	0	0				13	45	561		15	02
27	02	9930	01		512	15	20	84	1	02	0	1	0	9	4	0									
	05	9916	01		512	16	21	87	1	02	0	1	0	9	3	0									
	08	9905	05		508	14	20	87	1	02	0	1	0	9	3	0									
	11	9895	11		505	13	20	87	0	02	0	0	0	9	0	0									
	14	9896	11		503	34	07	87	0	02	0	0	0	9	0	0									
	17	9893	12		501	26	03	87	0	02	0	0	0	9	0	0									
	20	9896	11		00	26	04	87	1	03	0	0	0	9	0	5									
	23	9897	07		507	13	25	87	1	02	0	0	0	9	0	5				13	33	500		15	00

Results of Surface Observations,
MAWSON October, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
8	02	9903	05		509	13	25	84	2	01	0	0	0	9	0	5									
	05	9897	02		512	13	34	84	6	03	1	1	5	7	0	6									
	08	9894	05		509	13	32	84	7	03	2	1	5	7	0	6									
	11	9874	10		503	12	40	82	7	02	2	3	5	7	0	6									
	14	9861	12		02	12	43	80	8	38	3	6	5	6	7										
	17	9849	13		03	12	47	66	8	38	3	8	5	6											
	20	9840	12		01	12	47	80	8	36	3	7	5	6	7										
	23	9846	10		00	12	47	80	8	02	3	7	5	6	1					13	66	386		13	01
9	02	9836	11		501	13	52	82	7	36	3	4	5	7	7	0									
	05	9848	13		00	14	47	82	7	02	3	1	0	8	7	8									
	08	9846	15		03	14	46	82	7	02	2	3	5	6	7	8	3								
	11	9839	19		04	13	39	80	7	02	2	2	0	8	7	8		3							
	14	9834	21		03	13	36	84	6	02	2	3	0	9	4	6		3							
	17	9836	20		04	13	38	87	2	01	2	1	0	9	4	8		3							
	20	9847	19		01	14	35	87	3	02	1	2	5	7	0	8	3								
	23	9851	11		504	16	33	87	1	01	1	0	0	9	0	8				13	78	948		21	09
0	02	9845	07		507	16	30	87	0	02	0	0	0	9	0	0									
	05	9845	09		505	15	07	87	0	02	0	0	0	9	0	0									
	08	9834	08		506	16	24	87	0	02	0	0	0	9	0	0									
	11	9830	15		00	22	08	87	0	02	0	0	0	9	0	0									
	14	9827	15		01	27	05	87	0	02	0	0	0	9	0	0									
	17	9822	17		501	00	00	87	0	02	0	0	0	9	0	0									
	20	9817	15		01	00	00	87	0	02	0	0	0	9	0	0									
	23	9817	08		503	14	16	87	0	02	0	0	0	9	0	0				16	47	667		18	05
1	02	9820	06		506	15	16	87	0	02	0	0	0	9	0	0									
	05	9821	04		508	16	18	87	0	02	0	0	0	9	0	0									
	08	9825	07		505	16	15	87	0	02	0	0	0	9	0	0									
	11	9835	14		503	13	11	87	0	02	0	0	0	9	0	0									
	14	9843	18		501	05	08	87	2	03	0	1	0	9	3	5			7						
	17	9856	17		02	06	07	84	7	03	1	1	0	8	3	6			6						
	20	9857	12		01	12	21	84	8	03	2	2	0	8	7	7									
	23	9854	10		04	13	27	48	8	70	2	8	7	5			1			12	44	252		20	03

Results of Surface Observations,
MAWSON November, 1965

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTRE TEMPERA
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
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F
01	02	9828	09		08	12	42	02		38	7													
	05	9782	11		10	12	57	00		38	3													
	08	9739	13		12	12	68	00		39	3													
	11	9685	13		12	11	70	00		39	3													
	14	9616	15		12	11	80	00		39	3													
	17	9611	13		12	11	82	00		39	3													
	20	9589	16		15	12	78	00		39	3													
	23	9556	14		13	13	68	00		39	3									11	110	581		17
02	02	9514	14		13	13	65	00		39	3													
	05	9497	16		15	15	62	00		39	3													
	08	9470	18		17	13	60	00		39	3													
	11	9447	20		19	14	50	00	8	39	3	8	0		2									
	14	9431	21		20	14	50	00	8	39	3	8	0	6	2									
	17	9427	21		20	14	52	00	8	39	3	8	0	6	2									
	20	9448	21		20	14	45	02	8	38	3	8	0	7	2									
	23	9465	22		20	14	34	04	8	38	3	8	0	7	2					13	90	1560		22
03	02	9497	23		11	14	20	84	8	36	3	8	0	7	2									
	05	9523	23		504	24	06	84	8	02	2	8	0	7	2									
	08	9540	23		508	14	19	84	8	02	2	8	5	7										
	11	9562	27		09	13	15	84	7	02	2	7	5	6	0	0								
	14	9572	30		14			84	6	01	2	3	5	7	3	0								
	17	9581	18		10	00	00	82	6	02	2	1	6	5	3	0								
	20	9584	17		09	00	00	80	7	70	7	1	6	5	2	0								
	23	9584	16		13	00	00	80	7	71	7	7	0	7	2	0				14	44	815		30
04	02	9591	15		14	00	00	82	8	02	2	8	5	6										
	05	9612	16		14	00	00	16	8	71	7	8	5	5										
	08	9626	20		16	13	29	66	8	36	7	8	5	6										
	11	9655	23		14	13	30	80	8	15	3	8	5	6										
	14	9698	25		12	13	12	80	8	02	2	8	5	6										
	17	9722	25		13	00	00	82	8	02	2	8	5	7										
	20	9739	23		13	00	00	82	8	02	2	8	5	7										
	23	9747	22		10	14	10	82	7	02	2	7	5	7	0	0				15	42	135		25
05	02	9736	17		05	12	25	82	7	02	2	7	5	7	0	0								
	05	9729	17		07	12	27	82	7	02	2	7	5	6	0	0								
	08	9712	18		09	12	27	82	7	02	2	7	5	6	0	0								
	11	9695	20		11	11	35	74	8	36	2	8	5	6										
	14	9689	21		12	11	33	66	8	70	7	8	0	7	1									
	17	9685	20		12	11	35	24	8	38	3	8	5	5										
	20	9700	16		11	12	35	16	8	38	3	8	0	7	1									
	23	9713	14		10	12	35	16	8	38	3	8	0	7	1					12	48	409		22
06	02	9735	13		06	12	33	80	8	36	3	8	0	8	1									
	05	9755	13		02	13	26	84	7	36	3	2	5	6	3	0								
	08	9762	14		03	13	26	84	7	36	3	7	5	5	0	0								
	11	9782	18		05	12	12	84	7	02	2	7	5	6	0	0								
	14	9789	25		08	04	06	84	7	02	2	7	5	7	0	0								
	17	9795	25		09	04	06	87	6	02	2	6	8	6	0	0								
	20	9796	19		08	09	11	87	6	03	2	6	5	6	0	0								
	23	9797	15		08	11	20	84	7	03	2	7	5	6	0	0				12	45	687		28
07	02	9795	13		04	11	20	84	7	02	2	7	5	6	0	0	2							
	05	9783	11		01	12	36	84	8	36	3	8	5	6			2							
	08	9784	13		03	12	28	84	8	36	3	8	5	6			2							
	11	9786	15		05	12	27	82	8	36	3	8	5	6			2							
	14	9779	15		05	11	30	82	8	36	3	8	5	6			2							
	17	9777	15		05	11	33	82	8	36	3	8	5	7			3							
	20	9783	13		03	12	28	82	8	36	3	8	5	7										
	23	9801	12		501	13	17	82	7	02	2	7	5	7	0	0	2			12	46	397		16
08	02	9797	03		508	15	24	84	2	01	2	2	5	7	0	0								
	05	9783	00		511	15	28	87	2	02	3	1	5	7	3	0								
	08	9779	05		507	15	15	87	1	01	1	1	0	9	3	0								
	11	9775	11		504	13	17	87	0	02	0	0	0	9	0	0								
	14	9769	11		504	29	04	87	0	02	0	0	0	9	0	0								
	17	9759	12		503	27	02	87	0	02	0	0	0	9	0	0								
	20	9751	11		504	26	03	87	0	02	0	0	0	9	0	0								
	23	9740	07		504	14	10	87	0	02	0	0	0	9	0	0				15	39	556		14
09	02	9727	04		510	14	24	87	0	02	0	0	0	9	0	0								
	05	9723	05		510	12	20	87	1	02	0	1	5	7	0	0								
	08	9721	06		508	13	24	87	1	02	0	1	5	7	0	0								
	11	9725	10		505	11	22	87	1	02	0	1	5	7	0	0								
	14	9741	13		502	09	18	87	1	02	0	1	5	7	0	0								
	17	9760	12		501	08	16	87	4	03	0	3	5	6	3	0	2	7						
	20	9772	11		501	10	14	84	7	14	2	7	5	6	0	0	2							
	23	9784	09		502	12	25	82	8	14	2	8	5	6						12	36	227		13

Results of Surface Observations,
MAWSON November, 1965

L RD HOUR	STATION LEVEL PRESSURE	TEMPERATURES DRY BULB	TEMPERATURES WET BULB	TEMPERATURES DEW POINT	SURFACE WIND DIRECTION	SURFACE WIND 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
02	9790	07		01	12	32	58	8	38	3	8	5	6											
05	9801	07		01	12	32	58	8	38	3	8	5	6											
08	9812	08		02	13	31	56	8	38	3	8	5	6											
11	9825	12		06	11	30	60	8	38	3	8	5	6			22	22	22						
14	9836	14		04	11	28	82	6	01	2	6	5	6	0	0									
17	9845	14		02	11	20	84	4	02	1	4	5	5	0	0									
20	9845	10		502	11	18	87	2	01	1	1	5	5	3	0									
23	9837	08		505	12	27	84	1	36	1	1	5	5	0	0				12	44	516		14	07
02	9830	06		506	13	22	84	1	56	3	1	5	6	0	0									
05	9820	04		507	13	26	84	1	36	3	1	5	6	0	0									
08	9821	10		502	12	18	87	1	02	3	1	5	6	0	0									
11	9820	16		01	12	15	87	1	02	0	1	5	7	0	0									
14	9821	15		02	31	03	87	0	02	0	0	0	9	0	0									
17	9825	16		04	22	03	87	1	02	0	1	0	9	3	0									
20	9829	14		03	27	04	87	3	03	0	2	0	9	9	5									
23	9833	09		504	12	24	84	7	03	1	7	0	9	3	0				13	37	560		18	04
02	9839	08		507	13	18	84	3	01	2	3	0	9	3	0									
05	9841	03		509	15	23	84	1	01	1	1	0	9	3	0									
08	9843	06		506	15	16	87	1	02	0	1	5	6	0	0									
11	9834	10		503	12	24	87	1	02	0	1	0	9	3	0									
14	9821	15		00	11	24	87	0	02	0	0	0	9	0	0									
17	9815	15		01	11	24	87	2	03	0	2	0	8	3	0									
20	9792	10		00	12	35	74	6	36	3	6	5	5	0	0									
23	9781	05		503	12	38	66	3	38	3	1	5	5	0	2				12	55	303		16	02
02	9759	04		502	12	47	58	2	38	3	2	0	8	3	0									
05	9757	04		01	12	42	08	5	38	3	3	0	8	3	6									
08	9766	08		02	12	40	60	5	36	3	1	5	6	3	1		2							
11	9777	13		02	12	36	66	7	36	3	6	0	9	3	8									
14	9780	18		04	12	30	82	7	36	3	1	0	9	3	6									
17	9780	19		05	12	28	82	7	02	3	1	0	9	3	6									
20	9788	17		01	12	29	84	4	01	2	1	0	9	3	6									
23	9801	11		503	15	25	84	2	01	1	1	5	7	0	8				12	62	739		19	04
02	9798	03		509	15	32	84	3	02	1	0	0	9	0	8									
05	9786	02		509	15	32	84	1	01	1	0	0	9	0	1									
08	9785	10		505	13	18	87	1	02	0	0	0	9	0	1									
11	9786	15		00	11	09	87	0	02	0	0	0	9	0	0									
14	9777	19		04	06	11	87	0	02	0	0	0	9	0	0									
17	9767	20		05	04	08	87	1	02	0	1	0	9	3	0									
20	9751	16		03	12	12	87	0	02	0	0	0	9	0	0									
23	9741	09		504	13	22	87	0	02	0	0	0	9	0	0				15	48	599		20	02
02	9716	07		505	11	22	87	0	02	0	0	0	9	0	0									
05	9699	10		505	13	20	87	0	02	0	0	0	9	0	0									
08	9696	11		503	12	27	87	1	02	0	1	5	7	0	0									
11	9688	16		00	12	23	87	1	02	0	1	5	6	0	0									
14	9684	18		03	12	23	87	1	02	0	1	5	6	0	0									
17	9677	18		03	13	23	87	1	02	0	1	5	6	0	0									
20	9671	15		502	13	25	87	2	03	0	0	0	9	0	2									
23	9673	12		503	11	22	84	6	03	1	0	0	9	0	6				12	42	385		19	03
02	9662	13		502	13	18	84	7	03	3	1	5	6	0	6									
05	9655	16		01	13	28	84	8	02	2	7	0	8	7	8									
08	9646	20		05	12	34	84	8	02	2	8	0	8	7										
11	9649	24		07	12	34	84	8	02	2	2	5	6	7		2								
14	9665	25		10	12	24	84	6	02	2	6	5	6	0	0									
17	9662	27		13	11	10	84	6	02	2	3	5	7	7	0	3								
20	9692	24		11	12	08	84	2	01	2	1	0	9	3	1									
23	9697	19		06	15	16	84	1	01	1	0	0	9	0	8				13	49	533		27	11
02	9703	17		03	14	24	84	1	02	0	0	0	9	0	8									
05	9708	14		01	15	27	87	1	02	0	0	0	9	0	1									
08	9730	17		03	15	24	87	3	03	0	0	0	9	0	5									
11	9742	25		05	12	20	87	5	03	1	0	0	9	0	6									
14	9764	28		08	09	14	87	3	01	2	0	0	9	0	1									
17	9781	28		11	04	07	87	0	01	1	0	0	9	0	0									
20	9793	23		09	12	17	89	0	02	0	0	0	9	0	0									
23	9801	14		00	13	30	87	1	02	0	0	0	9	0	8				12	40	443		29	13
02	9801	12		502	12	34	87	3	03	0	2	0	9	5	8									
05	9792	14		00	12	34	84	8	36	1	2	5	7	7										
08	9784	18		06	13	31	82	8	02	2	2	5	6	7										
11	9767	21		08	12	33	82	8	02	3	8	0	8	7										
14	9753	24		13	11	31	82	8	02	2	1	5	6	7		2								
17	9735	22		20	12	38	04	8	38	3	8	5	6			2								
20	9721	21		19	12	40	16	8	38	3	2	5	6	7		2								
23	9721	21		15	12	46	56	8	38	3	2	5	6	7		2			12	65	482		24	12

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 TEMPERATU	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	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	9755	19		08	12	24	84	7	02	3	3	5	6	7	0	2								
	05	9746	18		06	15	35	84	7	02	2	4	5	6	3	8	2								
	08	9744	17		05	15	35	84	7	02	2	6	0	9	3	8									
	11	9752	26		11	14	13	87	4	01	2	0	0	9	0	6			5						
	14	9749	31		13	04	06	87	3	02	1	0	0	9	0	2									
	17	9740	28		13	27	04	87	2	02	1	1	1	6	0	1	2		6						
	20	9734	26		13	12	17	87	1	02	0	0	0	9	0	1									
	23	9734	19		05	13	25	87	0	02	0	0	0	9	0	0				12	54	799		31	1
20	02	9731	14		02	15	26	87	0	02	0	0	0	9	0	0									
	05	9729	14		03	15	24	87	0	02	0	0	0	9	0	0									
	08	9735	19		01	13	26	87	0	02	0	0	0	9	0	0									
	11	9736	24		07	11	18	87	0	02	0	0	0	9	0	0									
	14	9763	23		09	00	00	87	1	02	0	1	1	6	0	0									
	17	9775	25		11	27	05	87	0	02	0	0	0	9	0	0									
	20	9785	25		13	26	05	87	0	02	0	0	0	9	0	0									
	23	9797	17		05	15	18	87	0	02	0	0	0	9	0	0				13	40	362		25	1
21	02	9813	16		02	15	20	87	0	02	0	0	0	9	0	0									
	05	9821	16		02	16	07	87	1	03	0	0	0	9	0	5									
	08	9832	21		06	28	05	87	7	03	1	0	0	9	0	6									
	11	9839	20		07	24	05	87	7	02	2	0	0	9	0	6			7						
	14	9847	24		09	26	05	87	7	02	2	0	0	9	0	6									
	17	9852	26		09	28	02	87	6	02	2	0	0	9	0	6									
	20	9860	26		10	00	00	84	6	02	2	4	0	9	7	2									
	23	9866	21		09	12	18	84	7	03	2	7	5	7	0	0				14	33	359		26	1
22	02	9861	18		05	12	22	87	3	01	2	3	0	9	3	0									
	05	9858	17		05	12	25	87	6	03	1	5	0	9	3	8									
	08	9836	21		08	12	33	87	7	02	2	7	0	9	3	0		7							
	11	9819	25		12	12	32	84	8	02	2	8	0	9	7			7							
	14	9801	26		13	11	22	84	8	02	2	8	0	9	7										
	17	9775	26		15	12	25	82	8	36	2	8	0	9	7			3							
	20	9741	26		11	14	35	80	8	38	3	6	5	6	1										
	23	9722	24		11	14	40	80	8	36	3	8	0	9	7					14	57	236		27	1
23	02	9716	24		09	14	32	80	8	02	3	8	0	9	7										
	05	9712	24		08	15	32	84	8	02	2	1	5	7	0	7	2		1						
	08	9707	23		08	15	34	84	8	02	2	1	0	9	4	7		3	1						
	11	9710	30		09	12	16	84	6	01	2	1	0	9	3	8									
	14	9706	33		16	11	20	84	7	02	2	0	0	9	0	8									
	17	9706	31		13	12	19	84	3	01	2	0	0	9	0	8									
	20	9715	27		11	13	16	84	7	03	1	0	0	9	3	6									
	23	9721	22		06	13	28	84	8	02	2	6	0	9	7	6				13	59	720		33	2
24	02	9731	18		03	12	32	84	5	01	2	2	0	9	7	5									
	05	9730	21		05	12	30	84	8	03	2	1	5	6	0	6									
	08	9745	25		13	12	24	84	8	02	2	0	0	9	0	7									
	11	9750	28		17	11	23	66	8	15	2	8	0	9	1										
	14	9749	30		19	11	31	82	8	02	2	8	0	9	7										
	17	9751	29		19	12	34	82	8	02	2	5	5	7	7		2								
	20	9769	27		17	12	34	80	8	14	2	1	5	7	1		2								
	23	9783	28		14	12	40	74	8	14	2	2	5	7	1		2			12	53	580		31	1
25	02	9808	27		13	12	26	84	8	02	2	3	5	7	7		2								
	05	9807	28		12	13	34	84	8	14	2	2	5	7	7		2								
	08	9819	29		13	13	37	84	8	14	2	3	5	7	7		2								
	11	9823	30		15	12	36	82	8	14	2	2	5	7	7	8	2								
	14	9852	31		17	11	28	82	6	14	2	2	5	7	7	2	2								
	17	9864	31		16	11	26	82	6	14	2	3	5	7	7	2	3								
	20	9884	28		15	11	17	82	7	02	2	6	5	7	3	0	3								
	23	9894	25		13	12	16	82	7	02	2	7	5	7	0	0	3			12	55	716		32	2
26	02	9898	22		08	12	28	84	5	01	2	5	5	7	0	0									
	05	9901	25		09	13	18	87	5	02	2	5	5	7	0	0									
	08	9898	24		08	12	26	87	3	01	1	1	0	9	3	2									
	11	9897	29		13	12	20	87	1	01	1	1	0	9	3	0									
	14	9891	29		15	30	05	87	1	02	0	1	1	7	0	0									
	17	9882	30		16	00	00	87	0	02	0	0	0	9	0	0									
	20	9873	28		17	00	00	87	0	02	0	0	0	9	0	0									
	23	9862	25		14	16	05	87	0	02	0	0	0	9	0	0				12	38	588		30	2
27	02	9843	18		04	14	23	87	1	02	0	1	5	7	0	0									
	05	9831	17		03	15	20	87	2	03	0	2	5	6	0	0									
	08	9817	22		06	13	26	87	2	02	1	1	5	7	3	0									
	11	9814	27		11	11	18	87	2	02	1	1	5	7	0	8									
	14	9819	28		12	08	12	87	6	03	1	0	0	9	0	6									
	17	9818	29		16	06	11	87	3	01	2	0	0	9	0	8									
	20	9828	27		16	13	06	87	5	03	1	0	0	9	0	6									
	23	9838	21		08	13	18	87	5	02	2	0	0	9	0	6				13	36	296		29	1

Results of Surface Observations,
MAWSON November, 1965

CAL DARD ME		TEMPERATURES			SURFACE WIND							LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST					
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
02	9847	17		04	12	25	87	1	01	1	0	0	9	0	8									
05	9851	19		04	12	25	87	2	03	0	0	0	9	0	8									
08	9857	22		06	13	25	87	2	02	1	0	0	9	0	8									
11	9863	27		11	12	18	87	2	02	1	0	0	9	0	8									
14	9864	28		14	08	05	87	1	01	1	0	0	9	0	8									
17	9876	27		14	00	00	87	0	02	0	0	0	9	0	0									
20	9881	28		17	24	02	87	1	02	0	0	0	9	0	8									
23	9890	24		11	13	17	87	1	02	0	0	0	9	0	8				12	36	390		28	15
02	9891	22		06	13	20	87	1	02	0	0	0	9	0	8									
05	9892	23		05	12	28	87	1	02	0	0	0	9	0	8									
08	9898	23		06	13	26	87	4	03	1	0	0	9	0	6									
11	9899	29		13	11	18	87	6	03	1	0	0	9	0	6									
14	9907	30		15	05	08	84	7	02	2	0	0	9	0	6									
17	9899	29		13	08	14	84	7	02	2	1	5	7	3	6									
20	9898	27		15	09	11	87	3	01	2	0	0	9	3	8									
23	9901	21		09	12	23	87	2	02	1	0	0	9	3	8				13	35	354		31	20
02	9906	19		06	12	28	87	2	02	1	1	0	9	3	8									
05	9901	18		03	12	30	87	2	02	1	1	0	9	3	8									
08	9907	23		07	12	26	87	2	02	1	1	0	9	3	2									
11	9921	29		12	12	20	87	4	03	1	1	0	9	3	2									
14	9920	29		15	04	10	87	3	02	1	0	0	9	0	8									
17	9925	28		17	06	07	87	3	02	1	0	0	9	0	8									
20	9932	27		16	06	08	87	3	02	1	0	0	9	0	8									
23	9940	21		09	11	16	84	3	02	1	1	0	9	4	8				12	42	476		31	17

Results of Surface Observations,
MAWSON December, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	Statiles	Points	°F
01	02	9942	19		05	12	26	87	3	02	1	0	0	9	0	8								
	05	9941	23		05	12	24	87	2	02	1	0	0	9	0	8								
	08	9945	26		08	12	22	87	3	02	1	0	0	9	0	8								
	11	9955	28		12	01	06	84	4	03	1	0	0	9	0	6								
	14	9959	27		10	00	00	84	6	03	1	0	0	9	0	6								
	17	9952	27		09	00	00	84	6	02	2	0	0	9	0	6								
	20	9955	27		12	32	04	87	1	01	2	1	0	9	3	0								
	23	9954	24		14	00	00	87	0	02	0	0	0	9	0	0				12	37	351		29
02	02	9944	21		05	14	20	87	0	02	0	0	0	9	0	0								
	05	9933	21		04	13	22	87	0	02	0	0	0	9	0	0								
	08	9932	22		04	13	28	87	1	03	0	0	0	9	0	1								
	11	9934	25		08	11	18	87	1	02	0	0	0	9	0	1								
	14	9937	25		09	08	16	87	1	02	0	0	0	9	0	2								
	17	9936	27		12	07	10	87	1	02	0	0	0	9	0	8								
	20	9936	25		14	08	02	87	2	03	1	0	0	9	0	8								
	23	9938	21		07	12	20	87	2	02	1	0	0	9	0	1				13	38	255		27
03	02	9934	16		03	12	25	87	3	03	1	1	0	9	3	8								
	05	9926	18		02	12	28	87	3	02	1	1	0	9	3	8								
	08	9927	21		05	12	20	87	6	03	1	0	0	9	0	6								
	11	9926	26		09	09	14	87	3	01	2	0	0	9	0	6								
	14	9921	27		10	31	04	87	5	03	1	0	0	9	0	6								
	17	9910	27		11	25	05	87	3	01	2	0	0	9	0	8								
	20	9902	28		13	26	04	87	0	01	1	0	0	9	0	0								
	23	9900	23		10	13	15	87	0	02	0	0	0	9	0	0				12	39	451		28
04	02	9882	20		06	14	25	87	0	02	0	0	0	9	0	0								
	05	9886	21		05	14	22	87	0	02	0	0	0	9	0	0								
	08	9889	26		08	13	26	87	0	02	0	0	0	9	0	0								
	11	9894	31		15	13	21	87	0	02	0	0	0	9	0	0								
	14	9902	34		16	09	16	87	0	02	0	0	0	9	0	0								
	17	9904	35		19	10	12	87	4	03	1	3	0	9	3	8								
	20	9906	32		19	11	25	84	7	03	1	1	5	7	7	0								
	23	9912	30		19	11	31	80	8	02	2	8	0	8	7					11	41	277		35
05	02	9915	29		20	12	28	66	8	15	7	8	5	7				2						
	05	9914	30		20	12	30	66	8	14	3	2	6	6				2						
	08	9901	31		21	12	35	66	8	14	3	5	5	6										
	11	9905	34		20	12	34	66	8	14	3	8	5	6										
	14	9898	35		23	11	36	74	8	14	3	8	5	6										
	17	9910	34		25	12	37	66	8	15	7	8	5	7										
	20	9925	34		24	11	35	66	8	70	2	4	5	6	7			2						
	23	9941	34		24	11	32	66	8	15	7	3	5	7	2			2		11	52	536		37
06	02	9958	32		25	11	30	58	8	71	7	8	0	8	2									
	05	9955	33		27	11	31	58	8	71	7	8	0	8	2									
	08	9956	35		29	11	34	16	8	71	7	8	0	8	1									
	11	9950	38		30	11	34	16	8	71	7	8	0	8	2									
	14	9949	42		31	11	22	82	8	02	7	5	5	7	3	8		2						
	17	9950	42		29	11	25	84	8	02	2	4	0	8	7	6			2					
	20	9948	40		27	11	25	84	8	02	2	1	5	7	3	6								
	23	9955	37		25	12	28	84	8	02	2	1	5	7	0	6				12	46	731		43
07	02	9970	34		23	11	31	84	2	01	2	2	0	9	3	0								
	05	9969	38		23	12	32	87	5	03	1	3	0	9	3	8								
	08	9978	43		24	12	30	87	5	02	2	4	0	9	3	8								
	11	9985	42		26	12	20	87	7	03	2	7	0	9	3	0								
	14	9988	45		30	12	15	87	2	01	2	1	0	9	3	1								
	17	9978	44		31	12	14	87	2	02	1	1	0	9	3	1								
	20	9977	46		29	12	15	87	2	02	1	1	0	9	3	8								
	23	9959	42		26	12	27	87	1	01	1	1	0	9	3	0				12	46	659		46
08	02	9959	39		22	11	18	87	0	01	0	0	0	9	0	0								
	05	9958	36		23	12	20	87	2	03	0	2	0	9	3	0								
	08	9953	40		25	12	18	87	1	01	1	1	0	9	3	0								
	11	9952	41		27	00	00	87	1	02	0	1	0	9	3	0								
	14	9947	45		25	21	05	87	0	01	0	0	0	9	0	0								
	17	9945	44		30	00	00	87	0	02	0	0	0	9	0	0								
	20	9943	45		28	00	00	87	0	02	0	0	0	9	0	0								
	23	9946	39		26	14	14	87	0	02	0	0	0	9	0	0				11	37	398		48
09	02	9961	34		21	25	10	87	1	03	0	0	0	9	0	1								
	05	9963	34		19			87	4	03	1	1	0	9	3	1								
	08	9958	38		22	13	18	87	3	02	1	1	0	9	3	1								
	11	9959	41		24	00	00	87	2	01	1	1	0	9	7	8								
	14	9956	44		22	00	00	87	0	01	1	0	0	9	0	0								
	17	9944	42		21	00	00	57	1	03	0	0	0	9	0	8								
	20	9935	40		22	00	00	87	1	02	0	0	0	9	0	8								
	23	9927	35		21	15	14	87	1	02	0	0	0	9	0	8				12	36	170		46

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STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
9927	30		15	13	07	87	1	02	0	0	0	9	0	8									
9901	32		16	12	27	87	0	02	0	0	0	9	0	0									
9910	33		17	12	26	87	0	02	0	0	0	9	0	0									
9921	36		18	03	10	87	0	02	0	0	0	9	0	0									
9923	36		18	29	02	87	1	03	0	1	0	9	3	0									
9915	35		19	20	06	87	1	02	0	1	0	9	3	0									
9914	35		19	00	00	87	1	02	0	1	0	9	3	0									
9921	30		17	12	10	87	1	02	0	1	0	9	3	0				11	39	240		37	28
9925	25		10	08	05	87	1	02	0	1	0	9	3	0									
9909	27		11	14	27	87	1	02	0	1	0	9	3	0									
9905	29		12	12	35	87	0	01	0	0	0	9	0	0									
9910	33		15	12	18	87	0	02	0	0	0	9	0	0									
9907	34		17	06	10	87	1	03	0	1	0	9	3	0									
9910	33		19	31	04	87	1	02	0	1	5	7	0	0									
9903	32		24	07	02	87	0	01	0	0	0	9	0	0									
9903	29		16	13	20	87	1	03	0	1	4	7	0	0				12	48	274		35	24
9903	23		13	15	14	87	1	02	0	1	4	7	0	0									
9893	23		13	13	23	87	1	14	0	1	5	6	0	0									
9892	28		18	08	08	84	7	03	1	7	5	7	0	0									
9891	31		21	10	14	82	7	14	2	7	5	5	0	0									
9892	33		22	07	10	84	7	02	2	4	8	6	3	2									
9895	32		26	27	03	80	7	70	2	7	8	6	0	2									
9895	32		27	26	04	84	6	14	7	3	8	5	3	2									
9892	30		22	15	12	87	4	01	2	1	8	5	0	2				12	31	320		35	23
9892	29		19	12	16	84	6	03	1	2	0	9	3	6									
9892	27		18	12	16	84	3	01	2	1	0	9	3	1									
9900	32		21	12	13	84	6	03	1	4	5	7	3	1	2								
9910	33		21	12	14	84	6	15	2	4	8	6	3	0	2								
9923	35		24	05	11	82	7	15	2	7	8	6	0	0									
9934	32		23	05	05	74	5	15	2	5	8	6	3	0									
9949	31		25	00	00	84	6	15	2	2	8	6	3	0									
9963	29		21	12	13	84	7	15	2	6	8	5	3	0				12	28	282		35	27
9972	31		21	09	06	82	7	15	2	7	5	6	0	0									
9978	30		19	11	15	82	7	02	2	7	5	6	0	0									
9979	29		17	13	26	87	3	01	2	3	5	7	0	0									
9996	33		21	08	21	87	3	02	1	3	4	6	0	0									
10006	34		23	30	06	87	6	03	1	3	4	6	0	0									
10008	33		23	00	00	87	5	02	2	5	5	5	0	0									
10008	33		24	00	00	84	5	15	2	4	8	6	3	0									
10015	27		25	15	10	82	7	26	2	7	8	6	0	0				13	38	259		36	25
10006	28		15	15	13	87	2	01	2	1	5	7	3	0									
9990	27		17			87	2	02	1	1	5	7	3	0									
9980	30		17	31	05	87	1	01	1	1	0	9	3	0									
9966	29		20	24	04	87	1	02	0	1	0	9	3	0									
9960	31		21	26	05	87	2	03	0	0	0	9	0	1									
9958	32		20	23	02	87	4	03	1	1	2	6	3	1									
9956	32		19	11	02	87	2	01	1	2	0	9	3	0									
9962	27		18	11	09	87	6	03	1	6	0	9	3	0				13	25	203		33	25
9967	25		17	12	18	84	6	02	2	6	5	6	0	0									
9972	25		17	12	17	82	8	15	2	8	5	6											
9980	27		17	12	20	80	8	15	2	3	5	6	2		2	6							
9984	29		21	12	20	74	8	70	7	4	5	6	2		2	6							
9997	30		22	11	17	66	8	70	7	4	5	6	2										
10005	31		22	11	07	66	7	14	7	2	5	6	2	0									
10011	30		22	07	07	74	8	15	2	1	5	6	7										
10017	28		23	10	18	58	8	71	7	8	0	8	2					12	28	215		31	24
10021	26		16	12	24	84	6	01	7	6	5	7	0	0									
10016	26		15	13	23	84	6	02	2	3	5	7	7	0									
10009	30		16	13	18	84	6	02	2	2	5	7	7	1									
10001	32		19	13	12	84	7	03	2	4	5	7	7	0									
9993	34		18	11	15	84	7	02	2	1	8	6	7	1									
9962	34		17	11	11	84	7	02	2	1	4	7	3	1									
9978	33		19	12	08	87	6	02	2	3	4	7	3	1									
9977	27		15	12	14	84	7	02	2	2	5	7	3	0				12	33	387		35	24
9966	28		15	12	18	84	7	02	2	2	5	7	3	0									
9956	27		13	12	22	84	6	02	2	2	5	7	3	0									
9944	26		14	12	25	84	7	02	2	1	5	7	7	1									
9937	30		16	11	22	84	8	02	2	1	0	9	2	7									
9932	32		19	12	18	74	8	15	2	8	5	6			2								
9928	32		20	11	22	74	8	15	2	8	5	6			2								
9924	30		21	11	20	74	8	15	7	8	5	6											
9921	29		20	11	19	74	8	15	2	8	5	6						12	36	408		32	25

Results of Surface Observations,
MAWSON December, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTRE TEMPERA
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F
19	02	9910	30		17	12	30	84	8	02	2	8	5	6			2							
	05	9904	29		18	11	30	80	8	15	2	8	5	6			2							
	08	9887	31		21	13	36	74	8	15	2	8	5	6			2							
	11	9885	33		26	12	30	66	8	15	3	8	5	6			2							
	14	9907	32		31	08	18	16	8	71	7	2	5	6	2									
	17	9924	32		30	08	26	16	8	71	7	2	5	6	2									
	20	9943	32		27	08	21	16	8	71	7	8	5	6										
	23	9945	31		24	11	36	16	8	38	7	3	5	6	7					11	55	495		34
20	02	9959	32		24	11	28	80	7	36	3	7	0	8	7	0								
	05	9935	34		23	11	28	82	7	36	3	1	5	6	7	0								
	08	9955	37		20	12	30	80	7	14	3	6	5	6	7	0								
	11	9957	37		22	12	26	87	3	01	2	3	1	6	0	0								
	14	9964	38		25	09	19	87	5	03	1	5	5	7	0	0								
	17	9961	37		24	12	18	82	8	03	2	8	5	7										
	20	9954	35		20	11	22	84	7	02	2	7	5	7	0	0	2							
	23	9941	30		15	12	23	87	1	01	2	1	5	7	0	0	2			11	49	671		38
21	02	9927	28		11	13	30	87	0	02	0	0	0	9	0	0								
	05	9924	26		11	12	26	87	0	02	0	0	0	9	0	0								
	08	9907	31		14	11	26	87	0	02	0	0	0	9	0	0								
	11	9890	37		17	12	27	87	0	02	0	0	0	9	0	0								
	14	9890	39		20	10	08	87	0	02	0	0	0	9	0	0								
	17	9884	40		21	00	00	87	1	03	0	1	0	9	3	0								
	20	9873	37		21	24	05	87	1	02	0	1	0	9	3	0								
	23	9871	32		16	00	00	87	2	03	0	1	0	9	3	4				11	44	545		40
22	02	9866	29		12	01	18	87	2	02	1	1	0	9	3	1								
	05	9876	29		12	26	14	87	0	01	1	0	0	9	0	0								
	08	9864	33		14	13	20	87	0	02	0	0	0	9	0	0								
	11	9873	34		18	06	14	87	0	02	0	0	0	9	0	0								
	14	9877	36		19	06	10	87	0	02	0	0	0	9	0	0								
	17	9885	36		19	32	04	87	1	03	0	1	1	5	0	0								
	20	9888	32		22	00	00	87	0	01	0	0	0	9	0	0								
	23	9890	31		18	13	16	87	0	02	0	0	0	9	0	0				33	32	262		37
23	02	9898	26		11	12	26	87	0	02	0	0	0	9	0	0								
	05	9903	22		09	12	28	87	2	03	0	2	5	7	0	0								
	08	9918	27		13	12	21	87	3	03	1	3	5	7	0	0								
	11	9931	29		17	09	15	84	7	03	1	7	5	7	0	0								
	14	9943	31		20	07	10	80	8	02	2	8	5	7										
	17	9954	32		22	08	10	58	8	70	2	8	5	5										
	20	9969	30		23	09	12	60	8	71	7	8	5	5										
	23	9974	30		23	11	09	60	8	71	7	8	5	5						12	36	325		32
24	02	9988	29		25	07	06	58	8	71	7	8	5	5										
	05	9991	29		24	12	04	66	7	70	7	6	5	6	1	0								
	08	9996	30		20	12	11	80	7	15	7	6	5	6	1	0								
	11	9986	33		19	05	04	82	7	14	2	7	5	7	0	0								
	14	9988	32		21	27	03	84	8	02	2	8	5	7										
	17	9982	32		20	00	00	84	8	02	2	1	1	6	1		2							
	20	9977	31		22	00	00	84	7	01	2	7	5	7	0	0								
	23	9972	30		21	00	00	87	3	01	2	3	5	7	0	0				11	23	264		34
25	02	9958	26		19	00	00	84	3	02	1	3	5	7	0	0								
	05	9941	26		18	12	25	82	7	03	1	7	5	7	0	0								
	08	9918	29		19	11	26	82	8	02	2	8	5	7			2							
	11	9882	31		22	10	30	82	8	14	2	8	5	6			2							
	14	9870	30		28	10	36	32	8	36	3	8	5	6										
	17	9852	30		25	11	50	08	6	38	3	8	5	6										
	20	9843	29		28	11	44	00		39	3													
	23	9842	29		28	11	48	00		39	3									11	67	173		31
26	02	9851	29		28	11	50	00		39	3													
	05	9844	30		29	11	59	00		39	3													
	08	9832	32		31	11	54	08	8	39	3	8	5	7										
	11	9852	32		29	11	48	08	8	38	3	8	5	6										
	14	9832	32		31	11	55	00	8	38	3	8	5	6										
	17	9832	31		30	11	50	00	8	38	3	8	5	6										
	20	9832	30		29	12	55	00	8	38	3	8	5	6										
	23	9831	29		28	12	52	00	8	38	3	8	5	6						11	72	959		33
27	02	9828	29		28	12	48	00	8	38	3	8	5	6										
	05	9830	30		29	12	46	00	7	38	3	6	5	5	7									
	08	9819	31		30	12	44	00	8	38	3	8	5	5										
	11	9838	35		29	11	35	74	8	14	3	6	5	6	7									
	14	9857	37		27	11	22	80	8	15	2	8	8	6			2							
	17	9864	36		28	04	20	80	8	14	2	8	6	6			2							
	20	9860	38		27	10	10	82	7	01	2	1	5	7	7	9								
	23	9838	34		25	12	25	82	7	02	2	5	5	7	7	2				12	65	1116		39

Results of Surface Observations,
MAWSON December, 1965

STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
mb × 10^{-1}	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
9832	31		22	11	34	84	5	01	2	1	5	7	3	1	2								
9837	33		22	13	34	84	7	15	2	2	5	7	3	1	2								
9834	34		22	12	36	74	8	15	2	8	5	6			2								
9827	35		24	12	32	80	8	15	2	8	5	6			2								
9834	36		25	11	28	74	8	14	2	8	5	6											
9838	35		24	11	34	74	8	14	2	4	5	6	7										
9844	31		25	11	42	74	8	38	2	8	5	5											
9853	29		28	11	42	01	8	38	3	8	5	7						12	59	629		37	29
9863	29		25	11	38	48	7	38	3	5	5	7	7	0									
9888	29		24	11	37	74	8	36	3	6	5	7	7										
9887	31		25	12	37	74	7	36	3	6	5	6	7	0	2								
9888	32		24	12	35	74	7	36	3	5	5	6	7	0	2								
9898	35		24	11	25	80	7	02	3	5	5	6	7	0	2								
9884	34		25	11	34	80	8	15	2	6	5	6	7		2								
9864	35		23	12	40	74	8	15	3	3	5	6	7		2								
9854	34		22	12	42	80	7	14	2	2	5	6	7	2	2			11	58	807		36	28
9847	33		20	12	41	82	7	15	2	7	5	6	0	0									
9847	34		20	12	35	82	7	15	2	7	5	6	0	0									
9843	34		21	12	35	82	7	14	2	3	5	6	7	0									
9847	35		21	12	31	82	8	14	2	3	5	6	7										
9847	36		23	12	28	82	8	14	2	3	5	6	7		2								
9847	36		24	12	21	82	8	02	2	1	5	6	7		2	2							
9850	36		23	12	16	82	7	01	2	6	5	6	7	0	2	2							
9851	34		23	09	05	82	7	02	2	6	5	6	3	0	2	2		12	62	811		36	32
9840	31		19	11	20	84	6	01	2	4	5	6	3	0	2	2							
9839	29		17	12	22	84	2	01	2	2	0	9	3	0		2							
9839	34		20	12	17	87	2	02	1	1	0	9	3	9		3							
9836	37		22	11	13	87	1	01	1	1	0	9	3	0									
9840	36		24	04	09	87	3	03	0	2	2	6	3	0									
9843	35		25	27	04	87	3	02	1	2	2	6	3	0									
9847	34		25	19	03	87	2	01	1	2	1	6	0	0									
9855	32		23	00	00	87	3	03	1	1	5	7	3	1				12	33	470		38	29

Results of Surface Observations,
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LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND							LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATUR	
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	9845	29	28	26	36	05	63	8	02	2	6	5	4			1								
	04	9861	29	29	29	36	05	66	8	02	2	8	5	4			1								
	07	9874	31	30	29	36	06	66	8	02	2	8	5	4			1								
	10	9883	33	32	32	04	07	66	8	02	2	8	5	4			1								
	13	9895	33	32	29	04	04	74	7	02	2	7	5	4			1								
	16	9895	33	31	28	29	03	74	6	01	2	6	5	5			2								
	19	9897	32	30	27	18	06	80	3	01	2	3	1	5	0	0	4								
	22	9884	29	28	27	18	10	80	2	01	1	2	0	9	3	0				20	13	104	000	37	26
02	01	9877	27	25	23	18	06	80	0	02	0	0	0	9	0	0									
	04	9874	27	25	20	07	05	82	1	03	1	0	0	9	0	2									
	07	9874	30	27	22	00	00	82	4	03	1	2	0	9	3	5	7								
	10	9873	34	31	26	20	05	80	8	02	1	8	0	9	3			2							
	13	9878	37	34	30	36	03	80	8	02	2	8	0	9	2										
	16	9889	37	35	30	00	00	80	5	02	2	5	5	5	3		4								
	19	9893	33	32	29	20	06	80	7	02	2	7	5	7			3								
	22	9900	31	30	28	00	00	80	7	02	2	7	0	9	7			3		14	11	069	000	40	25
03	01	9915	29	29	29	36	02	80	7	02	2	4	5	7	2		3	3							
	04	9927	29	29	28	36	04	74	8	70	2	8	5	6			3								
	07	9942	27	27	27	02	05	58	8	71	7	8	7	6			3								
	10	9947	34	33	32	02	05	32	8	71	7	8	6	7											
	13	9952	39	36	32	27	02	66	7	70	7	5	6	5	0	2	3		6						
	16	9952	33	32	30	29	05	74	8	02	2	8	5	7			3								
	19	9961	29	29	27	32	04	63	8	70	2	8	7	4			8								
	22	9962	30	29	29	33	05	74	8	02	2	8	5	5			8			30	12		001	39	27
04	01	9956	30	28	26	03	06	74	8	02	2	8	5	5			8								
	04	9951	30	28	25	31	06	80	8	02	2	8	5	6			8								
	07	9940	32	30	27	01	05	80	7	40	2	7	5	6			8								
	10	9931	32	31	29	34	05	63	8	15	8	7	7	3			7								
	13	9927	34	32	29	36	02	63	8	15	2	8	8	4			7								
	16	9925	34	31	27	29	07	74	7	01	2	4	8	4	4		7	6							
	19	9922	32	30	27	31	05	80	7	02	2	8	4	5			6								
	22	9920	33	32	30	33	04	80	8	02	2	8	5	5			6			36	13		002		
05	01	9916	30	28	25	04	06	80	8	02	2	5	4	5	7		6	6							
	04	9917	29	28	26	03	06	80	8	02	8	8	5	5			6								
	07	9918	31	31	30	34	04	82	7	02	2	5	2	5	3										
	10	9914	37	34	31	36	04	82	4	01	1	1	1	5	3	0		6							
	13	9914	35	33	31	36	03	82	8	03	2	1	1	5	7			6							
	16	9919	33	33	33	02	06	16	8	71	7	8	0	9	2			6							
	19	9917	31	31	30	18	04	04	8	73	7	8	7	4											
	22	9912	33	32	30	03	10	58	8	70	7	3	7	5	2		1	7		36	12		024		
06	01	9908	32	32	31	03	09	06	8	71	7	8	7	4			1								
	04	9906	33	32	31	03	14	32	8	70	7	8	7	5			1								
	07	9907	35	32	28	04	18	74	8	02	2	6	5	5	7		1	2							
	10	9894	36	32	28	07	16	74	8	02	2	4	5	6	7		1	1							
	13	9874	36	32	28	09	25	66	8	14	2	8	0	9	2			1							
	16	9845	36	32	27	11	25	63	8	14	2	3	7	5	2		1	1							
	19	9821	32	30	26	12	30	63	8	36	3	8	7	4			2								
	22	9764	32	29	23	13	25	66	8	36	3	2	2	4	2		2	2		09	45		000	36	31
07	01	9769	31	28	22	18	15	74	8	02	2	4	5	5	2		2	2							
	04	9739	33	29	22			58	8	70	7	6	7	4	2		2	2							
	07	9714	34	30	24			48	8	02	7	3	5	4	2		2	2							
	10	9705	32	29	25	05	15	74	8	36	3	3	7	5	2		2	2							
	13	9697	31	29	27	11	30	48	8	36	3	5	7	5	2		2	2							
	16	9714	30	30	29	16	06	32	8	85	7	3	7	5	2		2	2							
	19	9710	34	32	28	21	18	66	8	02	7	4	7	5	2		2	2							
	22	9718	35	32	27	15	12	32	8	71	2	8	7	5			2			09	63		015	38	30
08	01	9728	30	30	30	28	07	48	8	71	7	8	7	5			2								
	04	9739	33	31	27			48	8	71	7	3	7	5	2		2	2							
	07	9760	31	31	31	28	10	56	8	71	7	8	7	5			3								
	10	9775	34	32	29	05	16	63	8	02	7	8	0	9	3			2							
	13	9793	32	31	31	17	13	03	8	73	7	8	0	9	2										
	16	9804	33	31	28	09	23	63	8	36	3	8	0	9	2			2							
	19	9840	34	31	27	09	14	63	8	02	3	8	0	9	2			2							
	22	9864	33	29	22	11	18	63	8	38	3	8	0	9	2			2		07	44		006	37	30
09	01	9875	31	28	23	11	25	63	8	38	3	2	6	5	2		2	2							
	04	9883	34	31	25	12	25	74	8	36	3	5	5	7	3		2	2							
	07	9887	37	32	24	09	10	80	8	02	2	2	5	7	3		2	2							
	10	9889	39	33	24	30	03	80	8	02	2	7	5	8			2								
	13	9885	38	33	25	23	03	80	8	02	2	7	5	7			2								
	16	9874	41	35	27	18	02	80	7	02	2	7	5	8			2								
	19	9869	36	33	29	36	05	82	4	01	2	4	5	7	0	0	2								
	22	9860	31	30	27	18	05	84	3	01	1	1	5	7	3	1	2	2					000	43	30

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AL ARD E HOUR	STATION LEVEL PRESSURE	TEMPERATURES DRY BULB	TEMPERATURES WET BULB	TEMPERATURES DEW POINT	SURFACE WIND DIRECTION	SURFACE WIND 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	9850	33	29	24	00	00	84	6	03	1	3	5	7	7	0	2	2							
04	9848	31	29	26	18	05	84	7	02	2	5	5	7	7	2	2	2							
07	9846	33	31	29	18	04	82	8	02	2	4	5	7	7		2	2							
10	9846	33	31	28	32	03	80	8	02	2	3	5	7	2		2	2							
13	9846	38	32	21	13	05	80	8	14	2	3	8	5	2		2	2							
16	9847	38	32	22	09	03	80	8	02	2	5	8	5	3		2	2							
19	9837	35	31	25	27	08	80	7	02	2	7	8	5			2								
22	9841	35	31	23	18	08	80	8	02	2	3	5	7	7		2	2		13	36	172	000		
01	9835	38	33	25			82	8	02	2	4	2	5	7		2	2							
04	9845	37	32	25			82	8	02	2	3	2	5	7		2	2							
07	9845	33	31	27	18	10	80	8	02	2	6	5	7	7		2	2							
10	9830	37	33	25	14	12	74	8	14	2	4	5	7	2		2	2							
13	9825	36	33	28	18	04	74	8	14	2	8	0	9	2			2							
16	9813	36	33	28	21	10	74	8	14	2	4	5	6	2										
19	9805	37	34	30	20	10	80	8	02	2	3	5	5	7		2	2							
22	9797	36	33	28	20	04	80	8	02	2	1	1	5	7		2	2		10	41	308	000		
01	9788	39	34	26	21	12	82	8	02	2	6	2	5	3		2	2							
04	9790	39	34	28	10	16	80	7	02	2	4	2	5	7		2	2							
07	9795	38	33	24	09	26	80	7	02	2	5	5	6	7		2	2							
10	9813	38	35	29	09	40	80	7	02	2	7	0	9	5			2							
13	9849	37	35	30	09	46	74	8	36	2	1	5	5	2		2	2							
16	9878	37	34	30	09	31	74	8	02	2	2	5	5	7		2	2							
19	9906	35	32	27	09	24	74	8	02	2	8	0	9	7			2							
22	9923	35	32	27	31	07	74	8	02	2	4	2	4	7		2	2				559	000		
01	9931	36	32	25	09	18	74	8	02	2	7	5	5	2		2	2							
04	9933	37	33	26	21	07	74	8	02	2	8	5	5			2								
07	9936	38	33	27			74	8	02	2	8	5	5			2								
10	9935	36	33	28	00	00	74	8	02	2	3	5	5	7		1	2							
13	9929	36	32	27	00	00	74	8	02	2	3	5	5	2		1	2							
16	9918	38	33	26	00	00	74	8	02	2	7	5	5	2		1	2							
19	9918	36	32	26	02	08	80	7	02	2	7	5	7			2								
22	9916	35	32	30	02	06	80	8	02	2	6	5	7	2		2	2		12	42	150	000	38	31
01	9915	32	30	27	16	08	74	8	02	2	8	5	7			2								
04	9910	33	31	28	16	07	80	8	02	2	8	5	6			2								
07	9912	36	33	25	30	03	74	8	02	2	8	5	6			2								
10	9908	35	32	27	20	02	74	8	02	2	1	5	5	7		1	2							
13	9907	39	35	29	02	04	74	8	02	2	8	5	5			1								
16	9908	38	35	30	31	05	80	5	02	2	4	5	7	3		1	2							
19	9910	37	33	28	09	06	80	4	01	1	3	5	6	0	1	2								
22	9914	32	31	29	18	04	80	5	02	2	1	5	6	7		2	2		36	18	105	000	39	31
01	9917	32	30	28	15	06	74	8	02	2	8	5	6			2								
04	9914	31	29	26	15	05	74	7	02	2	7	5	7			2								
07	9910	32	31	29	18	08	80	7	02	2	7	5	7			2								
10	9898	35	32	27	20	05	80	4	01	1	4	0	9	3	0		2							
13	9883	38	34	28	22	01	80	3	01	1	3	0	9	3	0		2							
16	9874	33	32	30	25	06	80	3	02	1	3	0	9	3	0		2							
19	9867	33	32	31	36	03	80	3	02	1	1	5	6	3	0	3	2							
22	9860	30	30	29	05	08	80	2	02	1	2	5	6	0	0	2			03	14	122	000	38	28
01	9858	29	29	27	16	03	80	1	01	0	1	5	7	0	0	2								
04	9849	29	28	26	17	02	74	0	05	0	0	0	9	0	0									
07	9845	32	30	26	18	02	80	0	02	0	0	0	9	0	0									
10	9837	37	33	28	00	00	80	2	02	1	0	0	9	0	8									
13	9840	37	34	29	31	02	80	0	02	0	0	0	9	0	0									
16	9845	34	30	25	31	05	80	6	03	2	6	5	5	0	0	1								
19	9847	28	27	25	36	10	80	7	03	2	7	5	5			8								
22	9850	27	26	23	03	18	80	2	01	2	2	5	5	0	0	8			03	22	145	000	39	25
01	9858	24	23	20	09	18	80	5	03	2	5	5	5	0	0	8								
04	9868	27	27	25	09	12	80	8	02	2	8	5	5			2								
07	9884	27	26	23	09	09	74	8	02	2	8	5	5			2								
10	9899	29	27	23	06	12	74	8	02	2	8	5	5			2								
13	9916	33	30	25	03	07	82	2	01	1	1	5	6	0	6	2		5						
16	9937	31	29	25	22	06	80	8	03	1	4	5	5	2		2	5							
19	9952	31	29	27	18	07	80	8	02	2	8	5	6			1								
22	9965	30	29	26	18	07	80	8	02	2	8	5	7			1			07	21	186	000	34	23
01	9973	30	28	25	21	05	80	8	02	2	8	5	7			6								
04	9982	30	29	26	18	03	80	8	02	2	8	5	7			6								
07	9980	30	29	27	21	06	80	8	02	2	8	5	7			6								
10	9974	31	28	23	20	08	82	8	02	2	8	5	7			6								
13	9966	32	29	26	24	08	82	8	02	2	8	5	7			6								
16	9960	31	29	25	23	06	82	8	02	2	8	5	7			6								
19	9948	29	27	22	00	00	82	7	02	2	7	5	6			5								
22	9931	28	26	22	21	03	82	8	02	2	8	5	6			5			22	13	089	000	32	29

Results of Surface Observations,
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LOCAL STANDARD TIME DAY	HOUR	STATION LEVEL PRESSURE mb × 10⁻¹	TEMPERATURES DRY BULB °F	WET BULB °F	DEW POINT °F	SURFACE WIND DIRECTION ° × 10	SPEED kt	VISIBILITY VV	CLOUD AMOUNT Oktas	PRESENT WEATHER ww	PAST WEATHER W	LOW CLOUD AMOUNT Oktas	TYPE C_L	BASE h	MIDDLE CLOUD C_M	HIGH CLOUD C_H	DIRECTION OF CLOUD MOVEMENT LOW D_L	MIDDLE D_M	HIGH D_H	MAXIMUM WIND GUST DIRECTION ° × 10	SPEED kt	ANEMOMETER WIND RUN St.miles	PRECIPITATION Points	EXTREME TEMPERATURE MAXIMUM °F	MINIMUM °F
19	01	9913	29	27	23	19	05	82	8	02	2	8	5	6			5								
	04	9901	28	26	21	21	03	82	8	02	2	8	5	6			5								
	07	9890	29	27	22	22	02	82	8	02	2	8	5	5			6								
	10	9881	30	26	18	31	08	82	7	02	2	6	5	5	2		6	6							
	13	9870	32	29	21	34	06	82	5	01	1	1	8	5	0	4	6		6						
	16	9864	33	29	23	36	07	82	3	01	1	1	2	5	0	9	6		6						
	19	9857	29	26	20	36	07	82	3	02	1	1	2	5	0	2	7		7						
	22	9864	28	26	21	04	05	82	8	02	2	8	4	5			1			04	15	095	000	34	27
20	01	9867	27	26	23	05	07	82	8	02	2	8	8	5			1								
	04	9874	27	26	22	09	05	82	7	02	2	7	8	5			1								
	07	9880	28	25	20	02	05	82	8	02	2	8	5	5			1								
	10	9891	26	27	24	36	03	82	8	02	2	5	5	6	2		1	5							
	13	9904	31	30	28	24	04	80	8	02	2	5	5	6	2		1	5							
	16	9915	31	29	25	24	08	74	8	02	2	8	5	6			1								
	19	9929	30	28	25	20	10	80	8	02	2	8	5	6			1								
	22	9940	30	29	26	19	07	80	8	02	2	8	5	6			1			07	15	139	000	32	27
21	01	9949	29	28	27	18	05	80	8	02	2	8	5	5			1								
	04	9962	28	27	26	05	04	80	7	02	2	7	5	5			2								
	07	9971	31	29	27	02	03	82	7	02	2	7	5	5			2								
	10	9981	33	31	28	02	08	80	7	02	2	7	5	5			2								
	13	9986	35	33	30	02	06	80	6	02	2	6	5	5	0	0	2								
	16	10001	32	31	30	02	05	80	8	02	2	8	5	5			2								
	19	9998	31	30	28	36	05	80	8	02	2	8	5	7			2								
	22	9999	30	29	27	21	03	80	8	02	2	8	5	7			2			02	12	104	000	36	27
22	01	9996	30	30	29	19	05	82	8	02	2	8	8	4			2								
	04	9987	26	23	16	11	20	84	7	01	1	7	5	7	3	1	2								
	07	9984	30	28	23	09	18	84	6	01	1	2	5	5	0	8	2								
	10	9972	33	29	23	09	18	82	7	02	1	7	5	7			2								
	13	9967	35	31	24	09	14	80	8	02	2	8	5	7			2								
	16	9960	34	30	23	09	17	80	8	02	2	8	5	7			2								
	19	9953	33	30	25	10	20	82	8	02	2	8	5	7			2								
	22	9950	33	31	28	11	20	74	8	14	2	3	6	4	2		2			09	32	367	000	35	26
23	01	9948	32	29	25	11	20	66	8	14	2	3	7	4	2		2	2							
	04	9942	32	30	26	18	15	80	7	01	2	3	5	7	5		2	2							
	07	9931	32	29	23	18	10	82	8	02	2	2	0	9	3	8		3							
	10	9915	32	29	22	18	10	82	8	02	2	8	0	9	2			2							
	13	9896	36	30	20	15	08	82	8	02	2	4	0	9	2	8		2	2						
	16	9874	36	28	09	13	24	82	8	02	2	8	0	9	7			2							
	19	9855	32	30	26	20	16	74	8	02	2	4	5	5	2		1	2							
	22	9824	33	31	27	23	15	66	8	15	2	5	7	3	2		2	2		11	78	353	000	38	28
24	01	9753	33	32	29	11	60	66	8	14	2	6	2	4	2		2								
	04	9767	33	30	23	11	65	74	8	02	2	1	5	6	7		2	2							
	07	9747	34	30	25	11	50	80	8	02	2	2	5	7	7		2	2							
	10	9759	36	31	23	16	25	80	7	02	2	7	0	9	5			2							
	13	9762	37	31	20	16	10	80	8	02	2	8	0	9	5			2							
	16	9751	35	31	23	16	24	80	8	02	2	8	0	9	7			2							
	19	9708	36	32	27	14	44	80	8	02	2	8	0	9	7			2							
	22	9728	37	34	29	07	35	74	8	02	2	2	7	5	7		1	2		11	78	851	000	37	33
25	01	9777	36	33	29	16	18	74	6	02	2	4	8	5	7	0	1	2							
	04	9790	36	34	30	09	32	74	8	02	2	4	8	5	7		1	2							
	07	9820	37	34	30	09	30	74	8	02	2	8	0	9	2			2							
	10	9835	39	35	28	09	32	74	8	02	2	8	0	9	2			2							
	13	9856	40	35	27	09	32	74	8	02	2	8	0	9	5			2							
	16	9883	40	35	28	09	30	74	6	02	2	6	0	9	2			2							
	19	9902	39	34	29	09	26	74	8	02	2	2	5	7	2		2	2							
	22	9928	38	35	31	09	20	74	8	02	2	2	5	7	2		2	2		09	52	601	000	40	35
26	01	9916	37	34	30	11	28	74	8	02	2	2	5	7	2		2	2							
	04	9927	36	33	28	11	30	74	8	02	2	3	5	7	2		2	2							
	07	9944	37	34	29	18	05	80	8	02	2	2	5	7	7		2	2							
	10	9943	35	32	27	18	06	74	8	02	2	2	5	7	7		2	2							
	13	9939	35	33	32	18	13	61	8	71	2	8	7	5											
	16	9934	35	35	29	18	07	74	8	02	7	2	5	5	2										
	19	9928	34	33	32	02	04	32	8	71	2	8	7	5			2								
	22	9920	29	29	29	27	06	16	8	71	7	8	7	5			2			09	42	275	011	39	29
27	01	9914	29	29	28	20	07	16	8	71	7	8	7	5			2								
	04	9911	29	29	29	22	04	58	8	71	7	3	7	5	2		2								
	07	9910	29	29	29	20	05	60	8	22	7	1	5	5	2										
	10	9909	33	32	32	00	00	64	8	02	2	3	5	5	2		2	2	3						
	13	9910	34	32	30	36	01	64	8	02	2	6	5	6	2		2	2							
	16	9917	33	31	29	36	05	74	8	02	2	8	5	4			2								
	19	9919	32	31	29	02	06	74	8	02	2	8	5	4			2								
	22	9915	30	30	29	00	00	80	8	02	2	8	5	5			2			02	12	093	001	34	29

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AL ARD HOUR	STATION LEVEL PRESSURE	TEMPERATURES DRY BULB	TEMPERATURES WET BULB	TEMPERATURES DEW POINT	SURFACE WIND DIRECTION	SURFACE WIND 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	9910	31	29	26	29	10	80	8	02	2	8	5	5			2								
04	9904	32	30	25	09	22	80	8	02	2	8	5	5			2								
07	9899	33	30	25	09	22	74	8	02	2	8	0	9	2										
10	9895	35	32	26	09	35	66	8	02	2	2	7	4	2		2	1							
13	9892	35	31	25	09	35	74	8	02	2	8	0	9	2			1							
16	9893	36	33	27	09	26	74	8	02	2	3	7	4	2		2	1							
19	9875	37	32	25	09	38	74	8	02	2	8	0	9	2			2							
22	9891	34	31	26	27	05	74	8	02	2	2	8	5	7		3	2		09	48	519	000	37	29
01	9866	34	31	27	09	30	74	8	02	2	4	7	4	7			2							
04	9888	35	31	25	09	30	74	8	02	2	4	5	4	7			2							
07	9902	33	31	29	02	20	74	8	14	2	2	5	5	2			2							
10	9925	35	32	28	07	05	80	8	02	2	3	5	5	2		8	1							
13	9931	33	33	32	09	10	16	8	68	7	8	7	2			8								
16	9939	33	32	31	11	02	16	8	71	7	8	7	2											
19	9942	34	33	32	31	01	57	8	02	7	8	5	5			1								
22	9933	31	31	31	27	02	66	8	02	2	8	0	9	2			1		09	46	258	016	35	31
01	9928	31	31	31	14	05	58	8	71	7	8	0	9	2			1							
04	9930	30	30	30	22	05	16	8	71	7	8	7	5											
07	9925	31	31	31	18	05	16	8	71	7	8	7	5											
10	9920	32	32	32	18	09	07	8	71	7	8	7	4			2								
13	9921	32	32	32	18	06	06	8	73	7	8	7	4			2								
16	9923	32	32	32	18	10	06	8	71	7	8	7	4											
19	9916	35	34	37	20	02	16	8	70	7	8	7	4			1								
22	9897	37	34	30	00	00	32	8	22	7	8	7	5			1			20	28	162	063		
01	9878	40	35	27	16	20	66	8	02	2	5	5	5	2		1								
04	9868	38	34	27	14	38	66	8	02	2	5	5	5	2		1								
07	9877	38	34	29	14	15	74	8	02	2	2	7	6	2		1								
10	9875	38	33	25	11	23	74	8	14	2	8	0	9	7			2							
13	9853	35	32	27	12	45	66	8	14	2	8	0	9	7			2							
16	9877	41	33	20	18	15	74	8	14	2	8	0	9	7			2							
19	9890	41	33	19	30	10	74	7	02	2	8	0	9	7			2							
22	9898	34	29	22	18	02	80	2	01	1	1	2	6	4	0	2	2		09	55	413	000	43	31

Results of Surface Observations,
WILKES February, 1965

LOCAL STANDARD TIME DAY	LOCAL STANDARD TIME HOUR	STATION LEVEL PRESSURE mb × 10⁻¹	TEMPERATURES DRY BULB °F	TEMPERATURES WET BULB °F	TEMPERATURES DEW POINT °F	SURFACE WIND DIRECTION °×10	SURFACE WIND SPEED kt	VISIBILITY VV	CLOUD AMOUNT Oktas	PRESENT WEATHER ww	PAST WEATHER W	LOW CLOUD AMOUNT Oktas	LOW CLOUD TYPE C_L	LOW CLOUD BASE h	MIDDLE CLOUD C_M	HIGH CLOUD C_H	DIRECTION OF CLOUD MOVEMENT LOW D_L	DIRECTION OF CLOUD MOVEMENT MIDDLE D_M	DIRECTION OF CLOUD MOVEMENT HIGH D_H	MAXIMUM WIND GUST DIRECTION °×10	MAXIMUM WIND GUST SPEED kt	ANEMOMETER WIND RUN St.miles	PRECIPITATION Points	EXTREME TEMPERATURE MAXIMUM °F	EXTREME TEMPERATURE MINIMUM °F
01	01	9911	32	28	21	17	12	80	5	03	1	4	5	5	4	0	2	2							
	04	9924	35	32	25	13	15	74	8	03	1	7	6	5	3		2	2							
	07	9929	35	31	27	09	25	82	7	03	1	1	5	5	7	1	2	2							
	10	9951	33	31	29	24	12	66	7	70	7	7	0	9	7			2							
	13	9974	35	32	27	21	02	63	8	70	7	3	5	5	7		2	2							
	16	9985	36	32	25	02	04	80	6	01	2	6	5	7	0	0	2								
	19	9997	33	29	21	14	04	82	2	01	1	1	5	7	0	5	2								
	22	10014	27	25	18	18	02	82	1	01	1	0	0	9	0	1			2	09	43	202	001	41	26
02	01	10014	26	23	15	04	08	82	0	02	0	0	0	9	0	0									
	04	10018	25	21	12	09	06	82	0	02	0	0	0	9	0	0									
	07	10013	28	25	18	03	05	82	1	02	0	0	0	9	0	5									
	10	10006	33	28	19	34	03	84	0	02	0	0	0	9	0	0									
	13	9997	31	27	19	36	05	84	0	02	0	0	0	9	0	0									
	16	9991	33	29	21	34	02	84	0	02	0	0	0	9	0	0									
	19	9996	31	28	22	00	00	80	0	05	0	0	0	9	0	0									
	22	9996	24	23	20	15	06	82	1	02	0	1	0	9	4	0		2		04	12	101	000	33	19
03	01	9993	19	18	13	09	12	82	0	02	0	0	0	9	0	0									
	04	10005	21	19	13	17	06	82	1	02	0	1	0	9	4	0		3							
	07	10002	23	20	14	10	06	82	1	02	0	1	0	9	3	0									
	10	10004	29	25	16	00	00	84	1	02	0	1	5	5	0	0	5								
	13	9989	32	29	23	32	02	84	1	02	0	1	1	5	0	0	3								
	16	9984	33	29	22	32	03	84	6	03	1	6	5	5	0	0	3								
	19	9978	27	25	20	06	04	84	7	02	2	7	5	5			2								
	22	9967	22	20	13	18	03	84	5	01	2	5	5	5	0	0	2			09	13	087	000	35	17
04	01	9958	19	18	15	10	07	84	3	01	1	3	5	5	0	0	2								
	04	9954	17	15	08	12	14	84	0	01	1	0	0	9	0	0									
	07	9959	22	18	06	10	06	84	0	02	0	0	0	9	0	0									
	10	9956	26	23	17	20	04	84	0	02	0	0	0	9	0	0									
	13	9941	31	25	12	25	03	84	0	02	0	0	0	9	0	0									
	16	9931	29	25	15	03	10	84	0	02	0	0	0	9	0	0									
	19	9929	25	22	15	05	05	84	0	02	0	0	0	9	0	0									
	22	9927	23	22	17	10	06	84	0	02	0	0	0	9	0	0				11	16	124	000	32	16
05	01	9921	16	14	07	09	02	84	0	02	0	0	0	9	0	0									
	04	9914	15	13	09	09	05	84	0	02	0	0	0	9	0	0									
	07	9913	22	18	07	05	09	82	4	03	1	4	5	6	0	0	2								
	10	9915	25	23	18	05	18	82	1	02	0	1	5	4	0	0	1								
	13	9924	29	29	22	05	10	82	7	03	1	7	5	5	0	0	8								
	16	9932	26	24	19	02	13	82	8	02	2	8	5	5			1								
	19	9943	25	23	19	03	12	80	8	02	2	8	5	6			1								
	22	9950	25	23	20	04	10	80	8	02	2	8	5	6			1			05	25	197	000	29	13
06	01	9955	22	19	11	09	10	80	7	02	2	7	5	6			2								
	04	9964	21	18	09	07	19	80	7	02	2	7	5	6			2								
	07	9968	23	20	12	08	14	80	7	02	2	7	5	7			2								
	10	9971	27	23	15	12	02	82	8	02	2	8	5	7			2								
	13	9978	26	23	16	16	08	82	8	02	2	8	5	7			2								
	16	9971	28	27	23	09	20	82	8	02	2	5	5	7	0	8	2		6						
	19	9971	27	24	17	09	20	74	8	14	2	5	5	7	2		2								
	22	9965	26	25	21	11	25	74	8	02	2	8	5	7			2			09	36	317	000	31	21
07	01	9954	27	25	20	09	25	74	8	02	2	8	5	7			2	9	9						
	04	9944	28	24	16	09	24	74	8	02	2	6	5	7	2		2								
	07	9935	27	25	18	09	29	74	8	02	2	4	5	7	2		2								
	10	9915	30	28	25	11	35	74	8	36	3	3	5	7	2		2	2							
	13	9897	30	28	25	12	30	74	8	36	3	8	0	9	2			2							
	16	9870	31	29	25	12	37	66	8	36	3	2	7	4	2		2	2							
	19	9854	30	29	26	12	45	66	8	36	3	8	7	4			2	9							
	22	9831	34	31	27	09	05	48	8	14	3	8	7	4			2			11	64	648	000	34	27
08	01	9792	33	30	25	11	35	66	8	14	2	8	7	4			2								
	04	9758	26	26	25	10	52	00	5	38	3	5	5	5	0	0	2								
	07	9738	28	27	25	10	48	00	4	38	3	2	5	5	7	0	2	2							
	10	9784	31	30	28	11	40	63	8	36	3	3	5	6	7		2	2							
	13	9800	32	30	26	09	35	66	8	36	3	8	0	9	7		2	2							
	16	9834	32	28	21	09	15	66	8	14	3	8	0	9	2			2							
	19	9843	32	30	26	09	30	66	8	36	3	3	5	7	2		2	2							
	22	9853	32	32	28	11	25	66	7	36	3	6	5	7	2		2	2		12	72	703	000	34	24
09	01	9884	34	32	30	11	11	66	7	03	2	6	3	6	7		2	2							
	04	9896	33	32	31	18	10	66	7	16	2	7	5	5			2	9							
	07	9946	32	32	31	12	30	66	7	36	3	7	5	7			4								
	10	9966	32	31	31	10	25	66	7	36	3	7	5	6			2								
	13	9991	33	31	27	09	26	66	8	14	3	8	5	6			2								
	16	10004	35	34	33	08	25	66	7	14	2	7	5	7			2								
	19	10005	33	33	33	09	20	66	7	14	2	7	8	7			2								
	22	10018	32	28	29	09	22	66	7	03	2	7	8	7			2			09	62	478	000	36	30

Results of Surface Observations,
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AL ARD E HOUR	STATION LEVEL PRESSURE	TEMPERATURES DRY BULB	WET BULB	DEW POINT	SURFACE WIND DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT LOW	MIDDLE	HIGH	MAXIMUM WIND GUST DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES MAXIMUM	MINIMUM
	mb × 10^{-1}	°F	°F	°F	° × 10	kt	VV	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	10015	30	27	21	09	26	66	7	02	2	7	8	7			2	9	9						
04	10007	27	24	16	09	14	66	7	01	2	7	0	9	4	7	9	9							
07	9980	26	24	18	09	40	66	7	36	3	5	5	7	7		2	2							
10	9970	25	21	10	09	40	66	7	38	3	4	5	6	5		2	2							
13	9959	25	24	22	09	42	08	7	38	3	7	5	6			2								
16	9945	28	27	27	09	44	08	7	38	3	7	3	6	8		2	2							
19	9940	28	27	27	09	49	58	6	38	3	3	5	6	7		2	2							
22	9929	28	28	26	09	52	58	7	38	3	4	8	5	7		2	2		09	66	957	004	29	23
01	9942	28	27	25	09	48	66	4	01	1	3	5	6	3	0	2	2							
04	9963	28	28	27	09	35	66	4	01	1	3	5	6	3	0	2	2							
07	9966	29	29	28	09	30	66	4	01	1	2	5	7	2	9	2	2							
10	9974	34	34	23	09	30	66	7	03	1	3	0	7	7	9	0	2							
13	9981	35	31	24	09	22	74	7	01	1	1	1	5	7	8	2	2							
16	9976	34	34	22	09	21	66	7	03	1	7	5	7			2	9							
19	9985	33	33	21	12	20	66	7	15	2	7	5	5			2			09	44	586	000	35	28
22	9984	32	30	28	21	10	63	7	71	7	7	5	5			2								
01	9977	31	30	27	09	01	66	7	02	2	7	5	5			2								
04	9966	33	30	25	00	00	66	8	20	7	8	5	5			0								
07	9963	30	29	28	16	03	06	8	71	7	8	5	5			9								
10	9954	29	38	26	18	06	64	8	71	7	8	5	5			9								
13	9943	33	31	30	30	03	66	8	22	7	8	5	5			9								
16	9942	30	28	25	36	07	66	7	00	1	7	5	7			9								
19	9940	28	27	23	36	09	66	7	02	2	7	5	6			9								
22	9940	27		23	18	04	66	8	03	2	8	5	6			8			14	14	108	022	33	23
01	9940	28		24	17	08	66	8	02	2	8	5	6			2	9	9						
04	9953	25		18	03	10	63	8	14	2	8	5	5			2								
07	9954	26		23	17	05	32	8	71	7	8	5	5			9								
10	9953	26		24	19	11	58	8	22	7	8	5	5			9								
13	9954	25		22	15	05	32	8	71	7	8	5	5			9								
16	9958	27		25	17	03	11	8	71	7	8	5	5			9								
19	9959	25		22	20	15	32	8	71	7	8	5	5			9								
22	9962	26		19	18	12	58	8	02	2	8	5	5			9			18	20	176	037	32	25
01	9956	27		24	16	08	58	8	02	2	8	5	5			9								
04	9959	28		21	00	00	63	7	02	2	7	5	5			9								
07	9984	29		24	05	16	66	7	36	3	1	5	5	4		2								
10	9993	30		30	09	40	08	8	38	3	8	5	5			2								
13	9981	30		30	09	48	04	8	38	3	8	5	5			2								
16	9972	31		31	11	43	01	8	39	3	8	5	5			2								
19	10019	33		29	14	10	48	8	08	3	8	5	5			4								
22	10022	36		16	21	03	63	8	03	3	8	5	5			2			20	63	468	000	37	28
01	10012	30		19	13	30	66	8	03	3	8	5	6			2								
04	10020	31		12	13	15	66	3	01	1	1	5	5	1	1	3								
07	10033	34		14	16	06	66	5	03	1	4	5	5	7	0	2								
10	10029	35		14	16	14	66	7	03	1	7	5	6			2								
13	10033	35		19	16	03	66	7	02	2	7	0	9	7		0								
16	10043	36		16	14	10	66	8	03	2	8	5	5			2								
19	10047	35		09	09	08	66	4	02	2	2	5	7	7	0	2								
22	10048	31		22	01	02	66	6	03	2	6	5	7	7	0	2			12	57	585	000	43	23
01	10045	34		14	22	04	66	3	02	2	1	5	7	4	0	2								
04	10041	31		14	15	15	66	3	02	2	3	5	5	0	0	3								
07	10033	29		19	18	06	66	6	03	1	6	5	6	0	0	2	9	9						
10	10023	35		25	00	00	66	0	01	1	0	0	9	0	0	9	9	9						
13	10015	40		26	00	00	66	1	03	1	1	0	9	4	0	9	9	9						
16	10007	35		25	00	00	66	1	02	1	1	0	9	4	0	9	9	9						
19	10004	30		28	03	07	66	1	02	1	1	0	9	4	0	9	9	9						
22	9991	25		15	12	01	66	1	02	1	1	0	9	4	0	9	9	9	12	38	168	000	42	24
01	9991	24		13	18	04	66	1	02	1	1	0	9	4	0	9	9	9						
04	9981	22		10	09	05	66	3	02	2	1	5	5	5	0	3	9	9						
07	9980	27		13	15	06	66	6	03	1	6	0	9	3	0	9	2	9						
10	9971	29		18	18	04	66	2	01	1	1	0	9	4	2	9	4	4						
13	9965	32		20	32	05	66	2	03	1	2	0	9	4	0	9	1	9						
16	9960	32		21	00	00	66	2	02	1	1	5	5	3	1	2	0	0						
19	9955	29		18	00	00	66	2	02	1	1	0	9	3	1	0	0	0						
22	9956	22		13	09	08	66	2	03	1	2	0	9	3	0	9	2	9	12	10	101	000	36	22
01	9957	23		16	11	13	66	7	03	2	1	5	5	4	1	2	2	4						
04	9963	24		15	05	08	66	5	02	1	4	5	6	3	0	3	9	9						
07	9966	25		14	16	06	66	7	03	2	1	5	5	7		4	3	9						
10	9964	26		18	14	06	66	7	02	2	7	0	9	7		0	2	9						
13	9969	26		24	10	06	66	8	70	7	8	5	6			2	9	9						
16	9976	27		25	16	11	66	8	70	7	8	0	6	2		9	2	9						
19	9973	29		19	16	10	66	8	14	2	8	2	9	2		9	2	9						
22	9978	28		24	18	08	66	8	14	2	8	2	9	2		9	2	9	19	20	179	000	31	23

Results of Surface Observations,
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LOCAL STANDARD TIME DAY	HOUR	STATION LEVEL PRESSURE mb × 10⁻¹	TEMPERATURES DRY BULB °F	WET BULB °F	DEW POINT °F	SURFACE WIND DIRECTION ° × 10	SPEED kt	VISIBILITY VV	CLOUD AMOUNT Oktas	PRESENT WEATHER ww	PAST WEATHER W	LOW CLOUD AMOUNT Oktas	TYPE C_L	BASE h	MIDDLE CLOUD C_M	HIGH CLOUD C_H	DIRECTION OF CLOUD MOVEMENT LOW D_L	MIDDLE D_M	HIGH D_H	MAXIMUM WIND GUST DIRECTION ° × 10	SPEED kt	ANEMOMETER WIND RUN St. miles	PRECIPITATION Points	EXTREME TEMPERATU MAXIMUM °F	MINIMUM °F
19	01	9977	27		24	18	02	66	8	00	2	8	2	9	2		9	9	9						
	04	9976	25		20	00	00	66	5	01	2	5	0	9	3	0	9								
	07	9977	27		18	04	10	66	3	01	1	1	0	9	3		9	1	1						
	10	9976	30		21	34	06	66	7	03	1	7	0	9	7		9	9	9						
	13	9978	29		21	21	04	66	7	02	2	7	0	9	7		9	1	9						
	16	9978	33		24	17	04	66	6	02	2	1	0	9	7	9	9	0	5						
	19	9983	31		22	17	04	66	6	01	2	2	0	9	7	9	9	1	1						
	22	9984	30		28	00	00	66	7	02	2	7	5	5			9	9	9	18	10	171	000	36	22
20	01	9983	30		26	00	00	66	8	03	2	7	5	5											
	04	9979	28		24	18	06	66	3	03	2	3	5	6	0	0	9	9	9						
	07	9968	27		23	18	05	72	1	01	1	0	0	9	0		9	9	9						
	10	9950	29		20	02	02	66	2	03	0	0	0	9	0	1	9	9	9						
	13	9946	34		26	02	09	66	2	02	1	0	0	9	0	1	9	9	7						
	16	9944	34		23	26	03	66	7	03	1	7	0	9	7	9	9	2	9						
	19	9947	31		24	18	05	66	7	02	1	7	0	9	7	9	9	2	9						
	22	9936	29		27	22	04	16	7	71	7	7	0	9	7		9	9	9	34	10	108	000	34	27
21	01	9920	34		28	16	08	48	7	26	7	2	8	5	7		3	9	9						
	04	9915	31		16	18	10	66	7	02	1	3	8	5	7		5	9	9						
	07	9901	31		24	11	38	05	7	38	3	7	8	5	7		2	9	9						
	10	9899	31		24	18	10	66	7	36	3	7	8	5	7		2	9	9						
	13	9897	32		24	12	35	66	7	36	3	5	8	7			2	9	9						
	16	9886	33		26	11	38	66	7	36	3	3	5	6	7		2	9	9						
	19	9888	32		21	10	40	66	6	36	3	1	5	5	7	0	2	9	9						
	22	9876	31		23	11	40	66	7	36	3	1	5	5	7		2	2	9	09	59	537	000	34	23
22	01	9874	31		20	11	40	66	7	36	3	1	5	5	7		2	2	9						
	04	9879	31		19	11	38	66	6	36	3	3	5	5	7	0	2	9	9						
	07	9897	34		22	10	14	66	7	03	2	7	0	9	7		2	9	9						
	10	9907	34		25	18	08	66	7	02	2	3	5	5	7		4	9	9						
	13	9904	32		20	13	23	66	7	02	2	4	5	6	7		2	9	9						
	16	9907	34		20	00	00	66	7	02	2	5	5	5	0	8	3	9	9						
	19	9908	21		23	16	03	66	6	02	2	6	5	5	3	0	3	9	9						
	22	9908	26		18	09	04	66	2	01	1	2	5	5	3	0	3	9	9	12	50	577	000	38	21
23	01	9905	25		20	18	09	66	7	03	1	7	0	9	7		9	9	9						
	04	9899	23		17	00	00	66	3	01	1	3	0	9	7	0	9	9	9						
	07	9897	26		18	07	13	66	1	01	0	1	5	6	0	0	9	9	9						
	10	9894	32		19	36	04	66	3	02	0	1	5	5	0	1	9	9	9						
	13	9886	28		18	16	03	66	3	02	0	1	5	5	0	1	9	9	9						
	16	9874	31		19	32	03	66	2	02	0	2	5	5	0	0	9	9	9						
	19	9864	29		20	23	03	66	3	02	0	3	5	5	0	0	6	9	9						
	22	9850	26		19	00	00	66	7	03	1	7	5	5			2	9	9	05	17	108	000	36	18
24	01	9933	18		14	11	08	66	1	01	1	1	5	5	0	0	3	9	9						
	04	9825	18		14	10	08	66	1	02	1	1	5	5	0	0	3	9	9						
	07	9820	20		13	12	03	66	1	02	0	1	5	5	0	0	9	9	9						
	10	9819	30		19	00	00	66	1	02	0	1	5	5	0	0	9	9	9						
	13	9829	28		17	05	05	66	4	03	0	3	5	5	0	1	1	9	9						
	16	9844	26		17	05	03	66	7	03	2	2	5	5	0	1									
	19	9847	24		19	16	05	66	3	01	0	1	5	5	0	1									
	22	9846	22		16	15	08	66	2	01	1	2	5	5	0	0				14	11	102	000	33	15
25	01	9848	25		18	13	04	66	6	03	2	6	5	5				9	9						
	04	9860	23		17	12	02	66	5	03	2	5	3	5	1										
	07	9882	27		20	18	10	66	7	03	2	7	5	6		2									
	10	9894	29		27	14	05	63	7	70	7	7	5	5		2									
	13	9903	34		28	00	00	66	5	01	1	4	5	5	7	0	2								
	16	9912	31		29	18	10	63	7	70	2	4	5	5	7		4								
	19	9914	30		29	22	06	63	7	70	7	5	5	5	7		4								
	22	9920	31		30	00	00	63	8	71	7	8	5	5			2			18	18	128	001	38	20
26	01	9939	28		27	03	10	63	3	01	7	3	5	5	0	0	2								
	04	9947	28		21	06	12	66	4	02	1	4	5	5	0	0	2								
	07	9958	31		24	05	09	66	7	02	2	2	5	6	7	2	9	2							
	10	9959	31		29	18	06	66	7	02	2	1	5	5	7		9	3							
	13	9944	32		31	20	09	66	7	02	7	7	5	5			3	9							
	16	9939	36		28	18	02	66	6	02	1	5	5	5	7	0	4	4							
	19	9926	32		29	14	03	66	5	01	1	3	5	5	7	0	4	4							
	22	9912	30		26	00	00	66	3	01	1	3	5	5	0	0	2	9		04	21	134	000	38	26
27	01	9893	38		24	00	00	66	2	01	1	2	5	5	0	0	9	9							
	04	9873	26		24	10	02	66	2	02	1	2	5	5	0	0	2	9							
	07	9856	29		23	00	00	66	6	03	2	6	5	5	0	0	7								
	10	9851	30		25	04	04	66	7	02	2	7	5	5			7								
	13	9856	32		23	36	05	66	7	02	2	7	5	5			9								
	16	9872	30		26	18	06	66	8	02	2	8	5	5			2								
	19	9884	30		22	18	07	66	8	14	2	8	5	7			2								
	22	9893	29		28	20	07	66	8	14	2	8	5	7			2			02	15	140	000	38	24

Results of Surface Observations,
WILKES February, 1965

AL ARD E	HOUR	STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
			DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10^{-1}	°F	°F	°F	° × 10	kt	VV	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	9905	29		22	14	02	66	4	02	1	4	5	7	0	0	2	9	9						
	04	9931	24		16	00	00	66	4	03	1	2	5	7	5	0	2	6	9						
	07	9946	27		18	03	04	66	7	03	1	0	0	9	0	6	9	9	8						
	10	9959	32		24	05	12	66	6	02	2	6	0	9	7	0	9	4	9						
	13	9980	35		25	21	02	66	7	02	2	7	0	9	7	0	9	9	9						
	16	9987	33		27	20	04	66	6	02	2	6	0	9	7	0	9	9	9						
	19	9998	32		22	24	02	66	7	03	2	7	0	9	7		9	9	9						
	22	10005	31		22	00	00	66	7	02	2	7	0	9	7		9	9	9	04	13	155	000	37	20

Results of Surface Observations,
WILKES March, 1965

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATU	
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	
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	
01	01	10005	31		16	14	08	66	7	02	2	7	0	9	7		9	9	9						
	04	10003	31		15	06	04	66	7	02	2	7	0	9	7		9	9	9						
	07	10004	31		15	00	00	66	8	03	2	8	5	6			2								
	10	9993	27		19	18	12	66	8	02	2	8	5	6			5								
	13	9979	29		18	18	03	66	7	02	2	7	5	6			4								
	16	9966	31		16	00	00	66	7	02	2	6	5	6	1		3								
	19	9956	27		14	10	18	66	7	03	2	7	5	6			2								
	22	9943	28		15	18	12	66	7	02	2	7	5	6			2			10	25	153	000	35	2
02	01	9924	26		11	18	10	66	7	02	2	7	5	6											
	04	9894	21		12	18	10	66	3	01	2	3	5	6	0	0									
	07	9861	24		03	18	10	66	1	01	1	1	0	9	4										
	10	9839	29		08	36	10	66	2	01	0	0	0	9	0	2									
	13	9825	30		15	36	08	66	4	01	0	0	0	9	0	2									
	16	9819	30		07	36	02	66	5	01	0	1	5	5	0	6	4		4						
	19	9865	25		03	06	06	66	4	01	0	1	0	9	3	6		1	1						
	22	9820	23		05	09	12	66	6	01	0	0	0	9	0	6			1	09	14	143	000	34	1
03	01	9837	25		00	13	04	66	4	01	0	4	0	9	7			1							
	04	9858	27		07	17	08	66	7	03	2	7	0	9	2										
	07	9876	29		15	06	04	66	8	03	2	8	0	9	2			0							
	10	9891	29		24	18	10	48	8	70	7	8	6	5											
	13	9901	30		24	18	05	48	8	73	7	8	6	5											
	16	9910	29		25	19	04	48	8	73	7	8	0	9	2										
	19	9915	29		24	18	05	48	8	71	7	8	8	5	2		3								
	22	9922	29		25	00	00	48	8	71	7	8	0	9	2		9			16	17	185	013	35	21
04	01	9925	29		24	18	05	58	8	02	7	8	0	9	2										
	04	9932	24		18	00	00	66	6	01	2	6	0	9	5										
	07	9935	29		22	00	00	66	2	01	1	2	0	9	3	0									
	10	9938	29		20	00	00	66	7	03	2	7	0	9	3	0									
	13	9939	29		19	36	08	66	4	01	1	4	0	9	3	0									
	16	9939	28		19	04	14	66	2	01	1	2	0	9	3	0									
	19	9952	22		13	07	10	66	2	02	1	1	2	5	4	0									
	22	9953	21		12	13	03	66	2	01	1	2	0	9	3	0				13	18	134	000	29	17
05	01	9948	21		12	13	04	66	2	02	1	2	0	9	3	0									
	04	9947	24		16	16	02	66	7	03	2	7	0	9	7										
	07	9944	21		12	18	08	66	8	02	2	8	5	7											
	10	9934	24		19	18	03	66	7	02	2	7	5	6											
	13	9928	25		13	04	04	63	7	70	7	7	5	7											
	16	9929	25		12	03	05	66	7	02	7	7	5	6											
	19	9927	23		11	07	04	66	8	27	7	8	8	5											
	22	9918	20		11	13	04	66	7	02	2	7	5	6						18	11	101	000	27	13
06	01	9917	16		06	10	08	66	3	01	0	3	5	5											
	04	9916	15		05	09	04	66	4	02	1	4	5	5											
	07	9917	19		08	00	00	66	8	03	8	5	5												
	10	9915	24		10	00	00	66	7	02	7	5	5												
	13	9913	25		13	04	06	66	7	02	7	5	5												
	16	9917	24		11	04	10	66	7	02	7	5	5												
	19	9915	23		10	06	08	66	7	02	7	5	5												
	22	9916	22		10	07	04	66	7	02	7	5	6							31	13	109	000	26	10
07	01	9916	20		11	11	03	66	7	02	2	7	5	6											
	04	9920	21		12	16	04	66	7	02	2	7	5	6											
	07	9925	21		11	06	06	66	7	02	2	7	5	5											
	10	9928	24		09	05	05	66	7	02	2	7	5	6											
	13	9932	25		12	05	04	66	6	01	2	6	8	5	0	0									
	16	9936	21		10	09	06	66	5	01	1	5	5	5	0	0									
	19	9935	20		10	12	06	66	7	03	2	7	5	5											
	22	9939	21		11	10	06	66	8	03	2	8	5	5						13	11	099	000	26	16
08	01	9935	20		09	13	04	66	2	01	1	2	5	5	0	0									
	04	9934	11		03	13	08	66	2	01	0	2	5	5	0	0									
	07	9926	15		06	14	05	66	2	03	0	1	5	5	3	0									
	10	9915	23		07	18	05	66	1	01	1	1	5	5	3	0									
	13	9899	27		13	32	02	66	1	01	1	1	5	5	0	0									
	16	9888	24		12	00	00	66	3	03	1	1	5	5	0	4		1							
	19	9872	19		07	00	00	66	1	01	0	1	5	5	0	8	1								
	22	9850	17		04	13	02	66	0	01	0	0	0	9	0	0				03	14	115	000	29	10
09	01	9846	17		03	04	04	66	0	01	0	0	0	9	0	0									
	04	9846	15		01	00	00	66	3	03	1	0	0	9	0	4			6						
	07	9839	16		03	20	09	66	7	03	1	0	0	9	0	4			6						
	10	9829	22		08	18	08	66	3	01	0	0	0	9	0	5									
	13	9827	30		15	16	07	66	3	02	1	0	0	9	0	4			0						
	16	9825	24		07	10	10	66	2	01	1	0	0	9	0	1			5						
	19	9830	18		03	00	00	66	1	01	0	1	0	9	4	1									
	22	9828	19		05	13	03	66	0	01	0	0	0	9	0	0				09	22	127	000	30	11

Results of Surface Observations,
WILKES March, 1965

AL DARD E HOUR	STATION LEVEL PRESSURE	TEMPERATURES DRY BULB	WET BULB	DEW POINT	SURFACE WIND DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT LOW	MIDDLE	HIGH	MAXIMUM WIND GUST DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES MAXIMUM	MINIMUM
	mb × 10^{-1}	°F	°F	°F	° × 10	kt	VV	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	9834	16		00	10	12	66	0	01	0	0	0	9	0	0									
04	9843	17		07	18	12	66	1	03	0	1	5	5	0	0	0								
07	9841	22		10	18	15	66	7	03	2	7	5	5											
10	9832	25		12	18	14	66	7	02	2	7	5	6											
13	9833	27		13	10	06	66	1	01	1	1	5	6											
16	9833	26		11	11	08	66	5	03	1	2	5	5	4	0	4	3							
19	9827	25		12	16	08	66	6	03	1	6	5	5	0	0	3								
22	9814	24		15	17	12	66	7	02	2	7	5	6			3			11	25	232	014	29	17
01	9803	24		16	08	06	66	8	70	2	8	5	6											
04	9795	24		18	18	06	66	8	02	2	8	5	7											
07	9792	25		21	20	04	48	7	73	7	7	5	7											
10	9784	25		21	18	10	32	8	73	7	8	5	4											
13	9785	26		22	00	00	16	8	73	7	8	5	5			0								
16	9785	26		17	09	06	58	8	71	7	8	5	5			2								
19	9784	23		18	10	25	05	8	38	7	8	5	5			3			09	43	315	028	30	20
22	9785	23		19	10	38	08	8	38	3	8	5	5											
01	9800	24		18	10	24	05	8	38	3	8	5	5			3								
04	9818	25		17	09	18	61	8	36	3	8	5	5			3								
07	9829	25		17	09	22	66	7	15	3	4	5	6	3		3								
10	9845	26		16	08	16	66	7	36	3	5	5	6	3		3	5							
13	9854	29		18	06	15	66	8	02	3	3	5	6	7		3	3							
16	9861	28		15	09	12	66	8	02	2	7	5	5			2								
19	9858	24		11	09	20	66	7	02	2	7	5	6	0	0	2								
22	9855	23		10	09	18	66	3	01	1	3	5	6	0	0	2			09	33	429	000	29	20
01	9858	26		16	08	20	66	4	02	1	4	5	6	0	0	2								
04	9855	25		16	10	22	66	8	36	2	8	5	6			2								
07	9850	26		14	09	14	66	8	15	2	8	5	6			2								
10	9849	27		20	18	04	66	5	01	1	5	5	6	3	0	5	5							
13	9830	29		15	25	05	66	5	01	1	2	5	5	3	1									
16	9818	27		15	18	05	66	7	03	2	5	5	6	3		4	4							
19	9814	26		15	18	05	66	8	03	2	8	5	5			4								
22	9816	25		20	13	04	58	8	71	7	8	5	5			0			09	27	202	003	34	19
01	9814	30		20	28	05	58	7	71	7	7	5	5			0								
04	9815	27		18	36	02	63	7	15	2	7	5	6			0								
07	9815	23		17	32	12	66	8	15	2	8	5	6			0								
10	9817	24		16	33	02	66	8	02	2	8	5	6			7								
13	9818	24		16	36	10	66	8	02	2	8	5	5			2								
16	9820	22		15	18	08	66	5	01	1	5	5	5	0	0	2								
19	9822	19		14	18	10	66	7	03	2	7	5	5			1								
22	9824	17		11	18	09	66	8	03	2	8	5	5						18	14	144	000	31	14
01	9824	16		11	17	12	66	8	02	2	8	5	5											
04	9826	21		13	03	05	66	8	02	2	8	5	5											
07	9830	20		12	04	05	63	8	70	7	8	5	5											
10	9830	20		13	06	08	61	8	71	7	8	5	5											
13	9823	21		12	05	05	63	8	02	7	6	5	5	7										
16	9816	20		11	14	03	63	8	22	7	3	8	5											
19	9810	19		11	32	02	66	7	02	2	7	5	5											
22	9798	17		04	06	06	66	5	01	2	5	5	5						05	16	142	007	22	13
01	9784	14		05	10	06	66	1	01	1	1	5	5	0	0	1								
04	9776	12		04	17	10	66	1	02	0	1	5	5	0	0	0								
07	9762	13		05	00	00	66	3	03	1	2	0	9	5	1									
10	9749	16		08	18	10	63	7	70	2	7	5	5											
13	9740	19		13	18	12	60	8	70	7	8	5	5											
16	9734	24		20	18	08	32	8	73	7	8	0	4	2										
19	9729	25		21	11	09	32	8	73	7	8	0	4	2										
22	9717	26		20	24	12	04	8	73	7	8	0	4	2					10	30	224	008	26	07
01	9709	25		21	18	09	04	8	73	7	8	0	4	2										
04	9699	26		22	18	09	04	8	73	7	8	0	4	2										
07	9694	27		24	18	10	04	8	73	7	8	0	4	2										
10	9679	28		20	09	22	32	8	36	7	8	5	5				2							
13	9676	31		17	19	13	58	8	16	7	8	5	5				2							
16	9678	28		20	02	24	32	8	36	3	8	5	5				2							
19	9686	27		18	10	26	48	8	36	3	8	5	5				2							
22	9697	28		17	09	17	58	8	36	3	8	5	5				2		09	37	366	037	32	23
01	9709	28		25	19	10	32	8	71	3	8	5	5											
04	9710	28		22	15	03	32	8	71	7	8	5	5											
07	9729	27		24	00	00	66	8	15	7	8	8	6				2							
10	9726	28		21	25	06	66	7	03	2	6	5	6	7			2							
13	9696	24		17	00	09	66	1	01	0	1	5	5	0	0									
16	9671	20		13	18	20	66	1	01	0	1	5	5	0	0									
19	9674	15		07	18	25	66	0	38	3	0	0	9	0	0									
22	9665	08		03	18	25	66	0	38	3	0	0	9	0	0				18	34	293	000	29	06

Results of Surface Observations,
WILKES March, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	
19	01	9662	10		01	18	18	66	2	03	0	0	0	9	0	4			2						
	04	9686	05		02	18	22	16	0	38	3	0	0	9	0	0									
	07	9691	03		502	18	27	16	0	38	3	0	0	9	0	0									
	10	9697	06		501	18	12	66	0	02	3	0	0	9	0	0									
	13	9694	11		06	18	08	66	1	03	0	0	0	9	1	0		2							
	16	9696	09		03	18	16	66	1	03	0	1	1	9	0	0									
	19	9697	07		01	18	12	66	1	02	0	1	1	9	0	0									
	22	9698	04		502	22	10	66	2	03	1	2	5	5	0	0	6			18	35	406	000	13	
20	01	9697	04		502	24	07	66	5	03	1	5	5	5	0	0	6								
	04	9688	04		503	21	05	66	7	03	2	7	5	5	0	0	6								
	07	9677	02		504	12	05	66	7	02	2	7	5	5											
	10	9658	04		503	08	07	66	7	02	2	7	5	5			2								
	13	9647	06		505	09	12	66	3	01	1	3	5	5	0	0	8								
	16	9641	07		503	07	09	66	7	03	1	7	5	5			8								
	19	9638	03		503	18	22	66	7	02	2	7	5	5			8								
	22	9620	01		508	17	05	66	7	02	2	7	5	5			7			18	22	208	000	08	50
21	01	9605	02		507	00	00	66	1	01	1	1	5	5	0	0	0								
	04	9599	00		508	00	00	66	2	03	1	2	5	5	0	0	0								
	07	9595	501		508	16	03	74	3	01	0	3	2	5	0	0									
	10	9590	03		505	15	02	66	4	03	1	4	2	5	0	0									
	13	9591	07		503	34	05	66	4	02	1	4	2	5	0	0									
	16	9591	08		502	36	08	66	6	03	2	6	2	5	0	0									
	19	9592	08		503	36	10	66	7	03	2	7	5	5	0	0	8								
	22	9592	10		00	03	08	66	8	03	2	8	5	5						17	16	146	000	11	50
22	01	9599	09		00	07	10	66	8	02	2	8	5	5											
	04	9613	07		502	09	10	66	8	02	2	8	5	5											
	07	9620	08		501	09	06	66	8	03	2	8	5	5			0								
	10	9624	08		501	12	10	66	8	03	2	8	5	5			0								
	13	9630	09		00	16	12	66	8	03	2	8	5	5			0								
	16	9644	10		00	14	08	66	8	02	2	8	5	5			0								
	19	9663	10		00	13	07	66	8	02	2	8	5	5			0								
	22	9674	13		03	31	15	66	8	02	2	8	5	5			0			31	18	209	000	13	0
23	01	9691	19		501	36	04	66	3	01	1	3	5	5			8								
	04	9684	08		503	07	10	66	7	03	1	7	0	9	7			7							
	07	9693	09		501	18	13	74	6	02	2	3	5	5	3	0	8								
	10	9711	12		00	18	12	66	7	02	2	4	5	5	3	0	8	8							
	13	9736	12		01	19	08	66	7	03	2	7	5	5											
	16	9751	13		02	18	03	66	1	01	1	1	5	6	0	0	2								
	19	9766	09		501	00	00	66	2	03	1	1	5	5	3	0	2								
	22	9771	06		502	12	07	66	2	01	1	2	0	9	3	0				02	15	165	000	13	0
24	01	9778	05		503	18	02	66	1	01	0	1	0	9	3	0									
	04	9782	05		502	00	00	66	1	02	0	1	0	9	3	0									
	07	9786	06		501	13	04	74	0	01	0	0	0	9	0	0									
	10	9794	10		01	00	00	66	5	03	1	0	0	9	0	4									
	13	9805	11		04	20	04	66	7	03	2	3	0	9	7	2									
	16	9827	13		04	20	03	63	7	03	2	4	0	9	7	5									
	19	9817	15		06	00	00	66	8	03	2	8	0	9	7										
	22	9820	10		05	18	07	48	8	73	2	8	0	9	2					21	06	087	010	18	05
25	01	9816	18		14	00	00	66	8	70	7	8	0	9	1										
	04	9828	20		13	08	12	66	8	02	7	8	0	9	7										
	07	9815	26		18	09	14	66	8	03	2	8	5	5											
	10	9825	28		17	09	14	66	8	02	2	8	5	5											
	13	9823	26		14	10	15	63	8	02	2	8	5	5											
	16	9824	25		12	10	20	63	8	14	2	8	0	9	7										
	19	9832	23		07	09	17	63	8	02	2	8	0	9	7										
	22	9841	21		08	17	04	66	4	01	1	4	0	9	1	0				09	24	271	000	28	14
26	01	9841	20		06	18	05	66	4	02	0	4	0	9	1	0									
	04	9847	18		502	12	05	66	1	01	0	0	0	9	0	1									
	07	9852	16		03	18	03	66	4	01	0	0	0	9	0	1									
	10	9855	17		503	00	00	66	5	03	1	5	0	9	7	1		2							
	13	9852	19		05	05	05	66	4	02	0	0	0	9	0	1									
	16	9849	17		08	05	02	66	6	02	1	0	0	9	0	5			0						
	19	9851	14		07	07	03	66	3	03	1	3	0	9	7	0									
	22	9854	11		01	09	04	66	2	01	0	2	0	9	7	0				18	12	100	000	21	10
27	01	9849	13		02	11	03	66	2	02	0	2	0	9	1	0									
	04	9850	13		02	03	04	66	2	02	0	2	0	9	1	0		2							
	07	9850	13		01	05	03	66	6	02	1	3	0	9	7	5									
	10	9848	17		08	04	03	66	6	02	2	3	0	9	7	5									
	13	9842	19		11	03	12	66	6	02	1	0	0	9	0	5			2						
	16	9832	17		10	03	10	66	6	02	1	0	0	9	0	5			2						
	19	9822	14		07	04	13	66	2	02	0	1	1	7	0	5									
	22	9820	08		01	06	11	66	1	02	0	1	0	9	1	0						244	000	19	08

Results of Surface Observations,
WILKES March, 1965

RD HOUR	STATION LEVEL PRESSURE	TEMPERATURES DRY BULB	WET BULB	DEW POINT	SURFACE WIND DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT LOW	MIDDLE	HIGH	MAXIMUM WIND GUST DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES MAXIMUM	MINIMUM
	mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	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	9820	13		07	05	13	66	7	03	1	7	0	9	2	0									
04	9816	09		03	05	03	66	3	01	0	3	5	5	0	0									
07	9815	09		04	05	07	66	2	01	0	2	2	5	0	0									
10	9825	11		03	09	04	66	3	03	0	1	8	6	8	4									
13	9813	11		02	03	06	66	6	03	0	1	5	6	6										
16	9802	16		04	04	15	66	8	03	2	8	5	7											
19	9787	15		09	05	25	16	8	36	3	8	5	5						07	34	278	000	18	08
22	9786	18		15	01	24	04		38	3														
01	9796	15		11	02	20	07		36	3														
04	9783	15		11	04	20	07	8	36	3	8	5	5											
07	9778	18		13	05	20	16	8	70	7	8	5	5			1								
10	9799	15		07	32	18	66	7	01	3	7	5	5			7								
13	9798	14		04	36	10	66	7	70	7	7	5	5			7								
16	9799	15		08	30	10	66	7	70	7	7	5	5			7								
19	9803	16		05	00	00	66	7	02	7	7	5	5			0			36	42	294	019	18	08
22	9807	11		02	18	04	66	8	02	2	8	5	5			0								
01	9802	10		01	02	06	66	8	02	2	8	5	5			0								
04	9797	08		01	03	13	63	8	02	2	8	5	5											
07	9785	04		505	07	10	66	6	01	2	2	5	5	7	6	8	8	8						
10	9739	14		04	09	15	32	8	70	2	8	0	5	2			2							
13	9713	24		17	03	35	00	8	39	3	8	0	5	2			2							
16	9746	16		08	07	06	66	8	02	3	8	5	5											
19	9740	17		09	03	06	66	8	70	7	8	0	5	2					07	49	303	000	24	04
22	9726	16		08	15	10	66	8	02	7	8	5	5											
01	9699	24		16	07	32	00		38	3														
04	9701	27		20	04	28	01	8	38	3	8	5	5											
07	9701	26		19	05	32	02	8	38	3	8	5	5											
10	9692	24		11	05	29	63	8	36	3	0	0	9	0	7									
13	9675	25		12	07	33	02	8	39	3	8	5	5											
16	9664	24		10	07	43	00		39	3														
19	9671	20		07	07	48	00		39	3									07	63	817	000	27	18
22	9687	19		06	08	44	00		39	3														

Results of Surface Observations,
WILKES April, 1965

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	
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	
01	01	9704	20			07	33	00		39	3														
	04	9726	22		08	07	20	32	8	03	2	8	5	5											
	07	9719	20			06	25	32	7	38	3	7	5	5											
	10	9718	20			05	29	32	8	38	3	8	5	5			1								
	13	9712	20			09	30	32	6	38	3	3	5	5	0	2									
	16	9710	18			09	33	32	7	38	3	5	5	5	4	2									
	19	9710	19		16	09	34	04	3	36	3	3	5	5	0	0	2								
	22	9718	19		17	09	38	00		38	3									09	52	709	000	22	
02	01	9723	20		18	08	42	00		38	3														
	04	9732	21		17	10	42	00		38	3														
	07	9800	26		09	09	15	63	8	36	3	3	5	5	7										
	10	9815	23		13	18	12	66	7	02	3	7	0	9	7										
	13	9831	25		08	00	00	66	7	01	2	6	5	7	0	8									
	16	9852	18		03	17	05	66	7	03	1	1	5	7	3	6									
	19	9865	18		08	00	00	66	2	01	1	0	0	9	0	5									
	22	9868	13		02	16	06	66	0	01	1	0	0	9	0	0				09	52	397	000	26	
03	01	9860	11		03	19	09	66	0	02	0	0	0	9	0	0									
	04	9840	10		02	18	08	66	0	02	0	0	0	9	0	0									
	07	9838	09		501	17	05	66	0	02	0	0	0	9	0	0									
	10	9834	15		505	00	00	66	0	02	0	0	0	9	0	0									
	13	9831	12		04	18	10	66	0	02	0	0	0	9	0	0									
	16	9808	14		00	17	07	66	0	02	0	0	0	9	0	0									
	19	9795	09		511	00	00	66	0	02	0	0	0	9	0	0									
	22	9782	08		507	00	00	66	0	02	0	0	0	9	0	0				18	18	140	000	17	
04	01	9755	06		504	17	05	66	0	02	0	0	0	9	0	0									
	04	9743	05		02	00	00	66	0	02	0	0	0	9	0	0									
	07	9744	08		04	18	10	66	7	03	1	7	5	5											
	10	9745	06		508	14	20	66	3	01	0	1	5	5	0	1									
	13	9729	02		505	18	18	66	0	01	0	0	0	9	0	0									
	16	9729	05		505	21	10	66	0	02	0	0	0	9	0	0									
	19	9754	501		513	09	15	66	0	02	0	0	0	9	0	0									
	22	9767	01		510	06	12	66	0	02	0	0	0	9	0	0				09	52	312	000	08	5
05	01	9776	502		515	09	05	66	0	02	3	0	0	9	0	0									
	04	9780	501		511	09	10	66	0	02	0	0	0	9	0	0									
	07	9782	503		518	09	10	66	6	03	1	1	5	6	3	6									
	10	9792	02		515	11	08	66	6	01	1	0	0	9	0	6									
	13	9792	00		508	33	04	66	0	01	0	0	0	9	0	0									
	16	9783	502		513	13	28	66	0	36	3	0	0	9	0	0									
	19	9790	502		514	13	30	66	0	36	3	0	0	9	0	0									
	22	9804	01		513	25	07	66	0	01	3	0	0	9	0	0				12	14	358	000	04	5
06	01	9804	503		513	18	09	66	0	02	0	0	0	9	0	0									
	04	9793	505		514	00	00	66	0	02	0	0	0	9	0	0									
	07	9796	506		509	18	12	58	8	70	7	8	5	5											
	10	9790	505		508	18	07	48	8	71	7	8	5	6	5										
	13	9785	503		506	00	00	32	8	71	7	8	5	5											
	16	9786	502		505	24	10	32	8	71	7	8	5	5			4								
	19	9787	507		510	24	05	63	2	01	7	2	5	5											
	22	9795	513		516	18	08	66	2	02	0	2	5	5						03	19	197	000	502	5
07	01	9792	513		516	14	09	66	0	02	0	0	0	9	0	0									
	04	9807	515		518	18	16	66	0	02	0	0	0	9	0	0									
	07	9817	516		519	18	22	66	0	02	0	0	0	9	0	0									
	10	9822	514		518	19	17	66	0	02	0	0	0	9	0	0									
	13	9822	510		515	18	16	66	0	40	4	0	0	9	0	0									
	16	9821	511		516	18	12	66	0	40	4	0	0	9	0	0									
	19	9821	513		517	18	07	66	0	40	0	0	0	9	0	0									
	22	9818	506		512	05	17	32	0	40	0	0	0	9	0	0				18	32	318	006	506	5
08	01	9820	511		521	07	03	66	0	02	0	0	0	9	0	0									
	04	9819	513		519	06	12	66	0	02	0	0	0	9	0	0									
	07	9823	509		513	17	05	66	7	03	1	7	5	5			0	1	1						
	10	9828	507		511	09	06	63	7	03	1	7	6	5			8								
	13	9832	507		510	08	09	63	7	02	1	7	5	5			8								
	16	9838	510		513	00	00	66	7	02	2	7	5	5			1								
	19	9841	508		511	09	09	66	7	02	2	7	5	5											
	22	9842	507		511	08	11	66	7	02	2	7	5	5						05	23	157	000	505	5
09	01	9837	506		510	07	18	66	3	01	1	3	5	5											
	04	9826	507		515	18	12	66	1	01	0	1	5	5											
	07	9820	506		513	00	00	66	8	03	1	8	0	9	1		0								
	10	9810	508		514	18	05	66	6	02	1	0	0	9	0	6			7						
	13	9805	502		509	17	06	66	8	02	2	0	0	9	0	6			7						
	16	9810	503		508	00	00	66	7	02	2	0	0	9	0	6			7						
	19	9814	502		509	04	03	66	1	01	0	1	0	9	7	0									
	22	9820	505		510	05	10	66	0	02	0	0	0	9	0	0				18	14	146	000	00	50

Results of Surface Observations,
WILKES April, 1965

HOUR	STATION LEVEL PRESSURE	TEMPERATURES: DRY BULB	TEMPERATURES: WET BULB	TEMPERATURES: DEW POINT	SURFACE WIND: DIRECTION	SURFACE WIND: 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	9819	503		509	05	09	66	0	02	0	0	0	9	0	0									
04	9815	504		507	06	10	66	0	02	0	0	0	9	0	0									
07	9812	503		506	06	10	66	5	03	1	5	5	5	0	0									
10	9812	501		504	06	13	66	7	03	1	7	5	5			8								
13	9807	00		505	36	08	66	7	02	2	7	5	5			7								
16	9812	01		504	35	05	66	7	16	2	7	5	5			7								
19	9811	501		505	09	06	66	8	02	2	8	5	5											
22	9842	505		509	18	11	66	1	01	0	1	5	5	0					18	19	169	000	01	510
01	9855	506		510	18	04	66	0	02	0	0	0	9	0	0									
04	9901	508		512	18	12	66	0	02	0	0	0	9	0	0									
07	9920	510		515	19	16	66	1	03	0	1	5	5	0	0	7								
10	9926	505		511	00	00	66	8	03	2	0	0	9	0	7			0						
13	9915	500		504	04	14	66	8	02	2	8	0	9	7			8							
16	9860	16		15	06	23	04	8	38	2	8	5	5			8								
19	9827	18		17	03	32	04	8	38	3	8	5	5			8								
22	9833	11		08	03	13	66	8	02	3	8	5	5						05	44	370	000	18	510
01	9824	08		04	34	21	66	6	01	2	6	5	5											
04	9822	08		04	33	14	66	8	03	2	8	5	5											
07	9815	07		04	36	17	66	8	02	2	6	5	5	7		8								
10	9811	04		01	02	10	66	8	02	2	8	5	5			8								
13	9797	05		01	02	13	66	8	02	2	8	5	5			8								
16	9796	04		00	02	10	66	8	02	2	8	5	5			8								
19	9790	501		510	09	13	66	4	01	1	4	0	9	1										
22	9763	501		507	18	06	66	5	03	1	2	5	5	1		1			36	23	280	000	09	504
01	9730	01		503	00	00	66	6	03	1	3	5	5	1		1								
04	9700	00		505	17	10	66	0	01	0	0	0	9	0	0									
07	9675	00		506	18	10	66	4	02	0	0	0	9	0	5			8						
10	9650	04		501	19	08	66	6	03	1	3	0	9	7	5		7	8						
13	9633	10		05	19	07	66	7	03	2	7	5	7			8								
16	9617	13		10	19	05	32	7	70	7	5	0	9	7	6									
19	9615	15		13	28	08	32	6	71	7	6	0	9	7										
22	9631	09		06	31	10	66	8	03	2	8	5	7						18	14	178	000	18	508
01	9658	05		504	36	10	66	0	01	1	0	0	9	0	0									
04	9693	505		510	04	09	66	0	02	0	0	0	9	0	0									
07	9707	508		512	08	08	66	1	02	0	1	5	5	0	0									
10	9711	507		512	10	03	66	2	02	0	1	5	5	3	0									
13	9691	504		508	14	08	66	6	03	2	6	5	5	0	0	7								
16	9668	503		506	13	13	66	7	02	2	7	5	5			6								
19	9651	502		505	15	08	66	8	02	2	8	5	5											
22	9650	502		505	14	05	66	8	02	2	8	5	5						15	14	193	020	501	508
01	9669	501		504	35	07	66	8	02	2	8	5	5											
04	9702	507		511	05	08	66	1	01	1	1	5	5	0	0									
07	9730	508		513	06	13	66	1	01	0	1	5	5	0	0									
10	9749	504		510	07	12	66	1	02	0	1	5	5	0	0									
13	9778	01		506	07	10	66	6	03	2	6	5	5	0	0	8								
16	9815	04		502	00	00	66	7	03	2	7	5	6			8								
19	9852	05		00	18	04	66	8	02	2	8	5	5											
22	9879	05		501	11	01	66	7	01	2	2	5	5						05	14	159	000	08	508
01	9891	00		506	05	04	66	2	01	1	2	5	5	0	0									
04	9921	03		504	12	07	66	8	03	2	8	5	5											
07	9946	02		502	18	05	32	8	70	7	8	5	5			8								
10	9966	05		01	18	04	58	8	22	2	8	5	6			8								
13	9978	502		507	18	10	66	7	02	2	7	5	5			8								
16	9958	07		00	18	06	66	7	02	2	7	5	5			2								
19	9942	06		00	22	06	66	7	02	2	7	5	5											
22	9911	07		00	18	08	66	7	02	2	7	5	5						14	17	172	002	08	501
01	9869	07		02	20	08	66	7	02	2	7	5	5											
04	9824	03		503	15	06	66	1	01	1	1	0	9	4	0			3						
07	9783	501		507	25	01	66	2	02	0	2	0	9	3	0									
10	9748	00		506	03	02	66	1	02	0	1	0	9	3	0	8								
13	9722	03		503	03	07	66	4	02	1	4	5	5	0	0	7								
16	9714	00		505	04	08	66	1	01	1	1	5	5	0	0	5								
19	9721	504		508	10	08	66	0	02	0	0	0	9	0	0									
22	9721	502		507	04	03	66	0	02	0	0	0	9	0	0				18	13	128	004	07	510
01	9741	508		512	13	04	66	5	03	1	5	5	5	0	0									
04	9747	506		509	05	06	66	6	03	2	6	5	5	0	0									
07	9749	505		509	00	00	66	6	02	1	1	5	5	1	0									
10	9736	501		505	02	06	66	7	02	2	1	5	5	2										
13	9736	00		504	18	11	66	8	02	2	8	0	9	2										
16	9717	02		503	21	08	64	8	70	7	8	0	9	2										
19	9706	06		00	18	05	66	8	15	2	8	0	9	2										
22	9721	09		04	23	06	48	8	70	2	8	0	9	2					18	19	173	000	10	508

Results of Surface Observations,
WILKES April, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURE	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	
19	01	9785	10		07	05	10	48	8	21	2	8	0	9	1										
	04	9822	09		06	18	10	66	6	01	7	6	5	7	0	0									
	07	9825	11		08	19	08	66	8	03	2	8	0	9	2										
	10	9802	11		06	17	03	66	8	02	2	8	0	9	7										
	13	9773	20		18	00	00	48	8	70	7	8	0	5	2										
	16	9752	23		19	10	36	01	8	38	7	8	0	5	2		2								
	19	9775	23		17	18	30	02	8	38	3	8	5	5			2								
	22	9810	21		16	00	00	66	7	01	3	7	5	5			3			16	48	271	003	26	
20	01	9841	20		17	00	00	66	8	02	2	0	0	9	0	7			0						
	04	9849	11		09	04	05	66	0	01	0	0	0	9	0	0									
	07	9939	09		07	00	00	66	0	02	0	0	0	9	0	0									
	10	9983	07		04	00	00	66	1	03	0	1	0	9	4	0		0							
	13	10025	10		07	00	00	66	6	03	1	6	0	9	7	0		0							
	16	10053	09		05	03	03	66	8	03	2	8	0	9	7	0		0							
	19	10081	11		07	00	00	66	8	02	2	8	5	5			0								
	22	10095	14		10	17	10	56	8	70	7	8	0	9	2					18	14	099	004	20	
21	01	10101	16		14	18	04	32	8	70	7	8	5	6											
	04	10114	24		23	33	03	32	8	02	7	8	5	6											
	07	10137	21		20	03	18	66	8	02	2	8	0	9	2										
	10	10156	21		19	00	00	66	8	02	2	8	0	9	7										
	13	10173	20		17	18	04	66	8	02	2	8	0	9	7										
	16	10170	19		17	02	04	66	8	02	2	8	0	9	7										
	19	10154	21		15	28	06	66	8	02	2	8	0	9	7										
	22	10112	26		24	08	32	00		38	3									11	50	253	015	31	
22	01	10091	31		20	00	00	48	8	56	3	8	5	5											
	04	10021	31		30	09	46	32	8	68	7	8	5	5											
	07	10004	28		27	09	45	02	8	38	3	8	6	5											
	10	9979	27		26	09	45	00		39	3														
	13	9990	26		25	09	47	00		39	3														
	16	9960	24		23	09	44	00	7	39	3	7	0	9	2										
	19	9950	22		21	09	43	00		39	3														
	22	9933	27		26	10	40	01	2	38	3	2	0	9	4	0				09	72	773	001	31	
23	01	9925	29		27	06	32	01		38	3														
	04	9916	29		27	09	33	01		38	3														
	07	9915	28		26	09	28	16	8	36	3	8	0	9	2										
	10	9910	29		26	09	25	66	8	36	3	8	0	9	2										
	13	9908	30		23	09	19	66	7	02	2	7	0	9	2										
	16	9919	27		20	12	22	66	7	15	2	7	0	9	2										
	19	9944	25		19	00	00	66	2	01	1	2	0	9	3	0									
	22	9948	17		10	00	00	66	0	01	1	0	0	9	0	0				09	49	456	000	31	0
24	01	9944	08		00	18	26	66	2	03	1	2	0	9	3	0									
	04	9958	03		508	18	34	66	0	01	0	0	0	9	0	0									
	07	9963	04		504	19	25	66	0	02	0	0	0	9	0	0									
	10	9981	06		505	18	20	66	1	03	0	1	0	9	3	0									
	13	9984	10		00	18	16	66	3	02	0	0	0	9	0	5									
	16	9994	08		01	18	10	66	5	03	1	2	0	9	7	6									
	19	10004	07		00	18	06	66	0	01	1	0	0	9	0	0									
	22	10015	08		02	00	00	66	1	03	0	1	0	9	3	0				18	45	412	000	14	0
25	01	10031	07		02	09	09	66	7	03	2	7	0	9	5	0									
	04	10070	09		02	09	08	66	8	02	2	8	0	9	7										
	07	10086	08		03	18	10	66	8	02	2	8	0	9	7										
	10	10059	12		05	18	10	66	8	02	2	8	0	9	7										
	13	10068	14		05	20	02	66	8	02	2	8	0	9	7										
	16	10048	21		03	00	00	66	8	02	2	8	0	9	7										
	19	10024	22		04	18	17	66	8	02	2	8	0	9	7										
	22	9995	18		13	11	35	02	8	38	3	8	0	9	7					11	57	284	000	27	0
26	01	9991	13			18	08	66	4	01	1	4	0	9	7	0									
	04	9973	13			18	20	66	6	03	1	6	0	9	7	0									
	07	9966	13		09	18	14	66	6	03	1	6	0	9	5	0									
	10	9943	14		11	18	20	66	5	02	1	3	0	9	4	2									
	13	9922	14		09	18	22	66	0	02	0	0	0	9	0	0									
	16	9910	17		05	00	00	66	1	03	0	1	6	4	4	0									
	19	9908	22		06	12	18	66	0	01	0	0	0	9	0	0									
	22	9881	25		03	12	40	66	0	02	0	0	0	9	0	0				11	72	424	000	26	13
27	01	9894	18		08	05	02	66	0	02	0	0	0	9	0	0									
	04	9903	13		06	15	08	66	0	02	0	0	0	9	0	0									
	07	9881	13		06	00	00	66	1	02	0	1	5	5	0	0									
	10	9868	12		04	18	07	66	0	02	0	0	0	9	0	0									
	13	9867	18		13	31	10	66	1	03	0	1	5	5	0	0									
	16	9880	14		11	13	03	66	1	02	0	1	0	9	4	0									
	19	9904	08		04	05	12	66	0	02	0	0	0	9	0	0									
	22	9918	08		03	18	02	66	0	02	0	0	0	9	0	0				14	23	147	000	18	07

Results of Surface Observations,
WILKES April, 1965

HOUR	STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
	mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	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	9940	09		06	19	09	66	0	02	0	0	0	9	0	0									
04	9965	07		04	18	04	66	7	03	2	7	5	5											
07	9988	08		04	18	06	66	7	02	2	7	5	5											
10	10004	11		07	18	07	66	7	02	2	7	5	5											
13	10022	05		02	18	06	66	7	02	2	7	5	5											
16	10043	07		03	10	03	66	7	02	2	7	5	5											
19	10064	04		01	18	07	66	2	01	0	2	5	5						16	10	262	000	10	503
22	10082	02		502	11	05	66	0	02	0	0	0	9	0	0									
01	10092	01		502	13	06	66	4	03	1	4	5	5	0	0									
04	10098	00		505	00	00	66	2	01	1	2	5	5	0	0									
07	10106	501		505	09	10	66	1	01	0	1	5	5	0	0	8								
10	10108	03		00	00	00	66	7	03	1	7	5	5			9								
13	10103	01		502	09	04	66	7	02	2	7	5	5			2								
16	10086	00		503	00	00	66	1	01	1	1	5	5	0	0	0								
19	10077	00		504	08	05	66	2	02	0	2	5	5	0	0				14	13	107	000	04	504
22	10055	00		503	17	03	66	0	02	0	0	0	9	0	0									
01	10031	01		501	05	05	66	3	03	1	3	5	5	0	0									
04	10009	03		502	18	05	66	1	01	0	1	5	5	0	0									
07	9990	04		503	03	01	66	8	03	2	8	5	5											
10	9986	07		505	00	00	66	8	02	2	8	5	5											
13	9975	11		03	00	00	66	8	02	2	8	5	5											
16	9976	09		01	05	05	66	8	02	2	8	5	5											
19	9982	11		01	00	00	66	6	01	1	6	5	5						18	13	082	000	21	03
22	9980	15		06	18	07	66	7	03	2	7	5	5											

Results of Surface Observations,
WILKES May 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURE	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	
03	01	9970	15		08	18	06	66	8	02	2	8	5	5											
	04	9971	20		09	22	04	66	8	02	2	8	5	5											
	07	9969	21		13	16	03	66	8	02	2	8	5	5											
	10	9962	20		15	18	15	66	6	01	7	6	5	5	3	0									
	13	9955	23		22	00	00	66	8	71	7	8	5	5											
	16	9939	25		21	18	11	66	8	22	7	8	5	5											
	19	9928	26		16	15	10	66	8	02	7	8	5	5											
	22	9904	23			18	20	66	8	02	3	8	5	5						11	54	254	000	29	1
02	01	9857	22			15	35	66	2	36	3	2	5	5	0	0									
	04	9835	27		15	11	10	66	2	01	3	2	5	5	0	0									
	07	9798	22		14	18	08	66	7	03	2	7	5	5			3								
	10	9774	22		16	20	10	66	7	02	2	7	5	5			3								
	13	9740	26		16	00	00	66	7	70	2	7	5	5			3								
	16	9713	21		14	17	15	66	7	02	2	7	5	5			2								
	19	9693	21		15	11	10	66	2	01	1	2	5	5	0	0									
	22	9684	23		19	05	08	66	4	02	1	4	5	5	0	0				11	54	240	030	29	1
03	01	9693	25		23	18	07	66	8	03	7	8	5	5	0	0									
	04	9969	25		20	04	04	66	8	02	2	8	5	5	0	0									
	07	9723	26		25	26	08	66	8	71	2	8	5	5											
	10	9749	25		24	01	06	66	8	73	7	8	5	5			4								
	13	9791	17		15	34	08	66	8	71	7	6	5	5											
	16	9828	11		08	36	10	32	8	71	7	8	5	5											
	19	9865	12		07	06	07	66	3	01	7	3	5	5	0	0									
	22	9883	09		04	05	03	66	7	03	1	7	5	5						31	14	131	000	26	0
04	01	9899	13		08	05	08	66	8	02	2	8	5	5											
	04	9918	15		10	03	06	66	7	70	2	7	5	5											
	07	9933	24		19	05	14	48	8	03	2	8	5	5											
	10	9948	25		23	04	11	58	8	02	2	8	5	5											
	13	9950	24		20	06	18	58	8	36	2	8	5	5											
	16	9946	26		21	06	18	32	8	36	3	8	5	5											
	19	9937	26		23	06	30	16	8	36	3	8	5	5											
	22	9940	27		25	05	24	32	8	36	3	8	5	5						04	39	356	044	27	1
05	01	9944	27		26	05	18	58	8	36	3	8	5	5											
	04	9942	25		24	04	14	48	8	02	3	8	5	5											
	07	9937	26		25	05	12	66	8	02	2	8	5	5											
	10	9926	25		23	01	08	66	8	02	2	8	5	5											
	13	9907	27		26	20	05	66	6	01	1	2	5	5	3	0									
	16	9892	16		14	16	04	56	8	16	2	8	5	5											
	19	9872	12		09	18	09	58	8	02	2	8	5	5											
	22	9847	07		04	18	12	66	6	01	1	6	5	5	0	0				02	24	241	000	27	0
06	01	9827	03		00	18	10	66	4	01	1	4	5	5	0	0									
	04	9815	03		504	18	08	66	0	01	1	0	0	9	0	0									
	07	9805	00		504	18	15	66	3	03	2	3	8	5	0	0									
	10	9792	00		504	17	13	66	7	03	2	7	5	5											
	13	9772	02		00	17	14	32	8	02	2	8	5	5											
	16	9757	01		00	18	16	08	8	71	4	8	5	4											
	19	9748	07		04	18	12	16	8	71	7	8	5	5											
	22	9743	07		05	18	16	32	8	36	7	8	5	5						18	25	315	000	11	50
07	01	9747	11		08	18	09	16	8	72	7	8	5	5											
	04	9750	15		14	00	00	32	8	73	7	8	5	4											
	07	9760	17		16	18	03	16	8	71	7	8	5	5											
	10	9756	23		22	22	02	16	8	70	7	8	5	5											
	13	9755	27		26	05	28	01	8	38	3	8	5	5											
	16	9779	28		27	03	30	01	8	38	3	8	5	5											
	19	9791	29		28	03	32	01	8	38	3	8	5	5											
	22	9843	23		19	35	26	05	8	38	3	8	5	5						04	41	422	022	29	15
08	01	9928	20		18	36	16	58	8	38	3	8	5	5											
	04	9986	17		11	01	13	58	8	02	3	8	5	5											
	07	10026	16		08	30	06	58	7	01	2	7	5	5			2								
	10	10070	13		07	06	06	63	7	02	2	7	5	5			2								
	13	10091	12		04	03	10	66	7	02	2	7	5	5			2								
	16	10110	09		01	16	12	66	7	02	2	7	5	5			3								
	19	10111	03		502	18	08	66	0	01	0	0	0	9	0	0									
	22	10090	05		502	06	08	66	0	02	0	0	0	9	0	0				34	24	211	004	17	01
09	01	10076	10		03	09	04	66	7	03	1	7	5	5											
	04	10058	13		06	17	13	66	8	02	2	8	5	5											
	07	10033	16		11	20	11	66	8	02	2	8	5	5											
	10	10012	17		13	20	06	66	8	02	2	7	0	9	7										
	13	9987	15		11	18	12	66	6	01	2	6	0	9	7										
	16	9982	12		08	18	17	66	4	01	1	4	0	9	7	0									
	19	9975	09		05	18	12	66	3	02	1	3	0	9	7	0									
	22	9959	08		05	18	12	66	1	01	1	1	0	9	3	0				18	20	257	000	17	06

Results of Surface Observations.
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HOUR	STATION LEVEL PRESSURE	TEMPERATURES: DRY BULB	TEMPERATURES: WET BULB	TEMPERATURES: DEW POINT	SURFACE WIND: DIRECTION	SURFACE WIND: 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
1	9945	08		05	18	12	66	0	02	0	0	0	9	0	0									
4	9926	09		05	18	16	66	0	02	0	0	0	9	0	0									
7	9933	10		01	18	20	66	1	03	0	1	5	5	0	0	8								
0	9933	08		00	20	10	66	1	02	0	1	5	5	0	0	8								
3	9928	08		01	20	14	66	2	02	0	1	5	5	0	2	8		8						
6	9938	10		503	08	18	66	0	01	0	0	0	9	0	0									
9	9933	07		503	17	02	66	0	02	0	0	0	9	0	0				09	32	233	000	10	502
2	9932	04		505	11	01	66	0	02	0	0	0	9	0	0									
1	9919	01		503	17	10	66	0	02	0	0	0	9	0	0									
4	9912	502		506	17	06	66	1	03	1	1	5	5	0	0									
7	9911	03		01	00	00	66	2	03	1	2	5	5	0	0									
0	9911	00		502	17	01	66	2	76	1	1	5	5	2	0	8	8							
3	9905	503		507	12	04	66	2	03	1	2	5	5	0	0	8								
6	9911	507		511	00	00	66	7	03	2	7	5	5											
9	9905	504		511	12	31	66	5	01	1	3	5	5	0	0									
2	9896	501		507	17	17	66	8	03	2	8	5	5						11	40	174	000	06	507
1	9902	06		00	11	01	66	8	02	2	8	5	5											
4	9893	04		504	10	18	66	8	02	2	8	5	5											
7	9892	01		507	09	20	66	8	02	2	8	5	5											
10	9886	502		510	09	28	66	7	36	2	7	5	5											
13	9869	01		510	10	16	66	5	01	1	3	5	5	0	0									
16	9849	03		506	18	12	66	4	02	1	4	5	5	0	0									
19	9826	07		501	21	08	66	6	03	1	6	5	5	0	0									
22	9812	09		01	16	07	66	8	71	2	8	5	5						09	36	335	000	09	502
1	9793	09		06	20	06	66	8	71	7	8	0	9	1										
4	9782	08		05	17	08	66	8	71	7	8	0	9	2										
7	9773	10		07	20	04	66	8	02	2	8	0	9	2										
10	9766	05		02	17	05	66	8	02	2	8	0	9	2										
13	9756	08		04	05	08	66	6	02	2	6	5	6	0	0									
16	9747	07		03	05	05	66	7	02	2	7	5	6											
19	9738	02		502	04	06	66	1	01	2	1	0	9	3	0									
22	9728	01		501	00	00	66	0	02	0	0	0	9	0	0				18	16	148	000	10	503
1	9724	503		506	03	08	66	1	01	1	1	0	9	3	0									
4	9729	504		507	03	10	66	0	02	0	0	0	9	0	0									
7	9731	503		507	03	10	66	0	02	0	0	0	9	0	0									
10	9735	00		505	04	09	66	1	03	0	1	0	9	2	0									
13	9739	501		508	00	00	66	5	03	1	2	5	5	3	1		7							
16	9732	09		502	00	00	66	8	03	1	8	5	5				7							
19	9712	14		10	07	24	10	8	38	2	8	5	5						05	36	292	000	16	505
22	9713	15		12	05	26	10	8	38	3	8	5	5											
1	9722	16		11	06	26	32	5	36	3	2	5	5	2	0									
4	9730	16		13	06	14	32	8	36	3	8	5	5											
7	9739	12		10	04	04	09	8	73	3	8	5	5											
10	9734	13		11	16	04	16	8	73	7	8	0	5	2										
13	9730	11		08	04	07	48	8	71	7	8	0	5	2										
16	9744	08		05	01	08	66	7	01	7	7	5	5											
19	9750	10		07	12	08	66	7	02	0	7	5	5											
22	9746	11		06	18	04	66	5	01	2	5	0	9	3					07	34	198	010	16	02
1	9775	02		503	17	06	66	2	01	1	2	0	9	1	0									
4	9753	10		07	16	03	66	7	03	2	7	5	5											
7	9750	09		07	28	06	66	8	71	2	8	5	5											
10	9752	02		501	05	15	66	8	71	7	8	5	5											
13	9748	01		503	04	08	66	7	02	2	7	8	5				8							
16	9751	507		511	04	10	66	5	01	1	3	5	6	0	0									
19	9765	505		514	08	05	66	4	03	1	4	5	6	0	0				07	16	145	062	10	510
22	9781	501		511	18	06	66	8	02	2	8	0	9	1										
1	9792	503		512	18	09	66	6	01	1	6	0	9	3	0			8						
4	9812	00		505	04	05	66	6	02	2	6	0	9	1	0									
7	9818	501		505	00	00	66	8	03	2	8	0	9	1	0			8						
10	9815	00		505	00	00	66	5	01	1	5	0	9	7	0									
13	9804	504		508	21	03	66	2	01	1	2	0	9	7	0			8						
16	9803	508		512	21	02	66	2	02	0	2	0	9	7	0									
19	9806	509		512	04	06	66	0	02	1	0	0	9	0	0				18	15	078	010	03	511
22	9807	504		508	00	00	66	0	02	0	0	0	9	0	0									
1	9810	509		515	04	06	66	0	02	0	0	0	9	0	0									
4	9816	509		515	01	02	66	0	02	0	0	0	9	0	0									
7	9823	510		515	04	04	66	0	02	0	0	0	9	0	0									
10	9825	505		508	00	00	66	1	03	0	1	5	5	0	0									
13	9835	509		512	05	03	66	2	03	0	1	5	5	2	0									
16	9840	510		513	05	03	88	0	46	4	0	0	9	0	0									
19	9840	509		512	00	00	08	0	48	4	0	0	9	0	0									
22	9843	512		516	00	00	08	0	48	4	0	0	9	0	0				04	08	070	000	504	518

Results of Surface Observations.
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LOCAL STANDARD TIME DAY	HOUR	STATION LEVEL PRESSURE mb × 10⁻¹	TEMPERATURES DRY BULB °F	WET BULB °F	DEW POINT °F	SURFACE WIND DIRECTION °×10	SPEED kt	VISIBILITY VV	CLOUD AMOUNT Oktas	PRESENT WEATHER ww	PAST WEATHER W	LOW CLOUD AMOUNT Oktas	TYPE C_L	BASE h	MIDDLE CLOUD C_M	HIGH CLOUD C_H	DIRECTION OF CLOUD MOVEMENT LOW D_L	MIDDLE D_M	HIGH D_H	MAXIMUM WIND GUST DIRECTION °×10	SPEED kt	ANEMOMETER WIND RUN St. miles	PRECIPITATION Points	EXTREME TEMPERATURE MAXIMUM °F	MINIMUM °F
19	01	9847	516		520	04	04	66	0	02	4	0	0	9	0	0									
	04	9861	514		518	00	00	66	0	02	0	0	0	9	0	0									
	07	9874	510		514	06	01	66	3	03	0	3	0	9	1	0		8							
	10	9899	512		529	06	03	66	1	01	0	1	0	9	2	0									
	13	9916	512		515	00	00	66	2	02	0	1	5	5	1	0									
	16	9932	513		515	00	00	66	1	02	0	1	5	5	0	0									
	19	9946	514		518	00	00	66	0	02	0	0	0	9	0	0									
	22	9952	515		518	00	00	66	0	02	0	0	0	9	0	0									
20	01	9951	511		516	19	10	66	0	02	0	0	0	9	0	0				11	07	044	000	509	518
	04	9953	510		515	21	16	66	0	02	0	0	0	9	0	0									
	07	9957	509		514	21	11	66	0	02	0	0	0	9	0	0									
	10	9974	507		510	19	20	61	1	38	3	0	0	9	0	1									
	13	10005	508		513	19	06	66	0	40	3	0	0	9	0	1									
	16	10028	504		510	18	20	66	1	40	2	0	0	9	0	0									
	19	10074	505		511	18	09	66	0	40	2	0	0	9	0	0									
	22	10101	503		508	20	18	66	0	02	2	0	0	9	0	0				18	35	357	000	501	518
21	01	10116	505		516	18	24	66	0	02	4	0	0	9	0	0									
	04	10164	504		516	18	22	66	0	02	0	0	0	9	0	0									
	07	10183	00		508	18	20	66	1	02	1	1	0	9	1	0									
	10	10182	00		509	18	18	66	0	02	0	0	0	9	0	0									
	13	10177	501		510	18	18	66	7	03	3	3	0	9	1	6									
	16	10174	501		510	18	28	66	1	01	0	1	0	9	1	0									
	19	10161	501		509	18	20	66	1	02	0	0	0	9	0	1									
	22	10142	00		508	18	15	66	6	03	2	6	0	9	7	0				18	43	468	000	09	504
22	01	10124	502		509	18	14	66	6	02	2	6	0	9	7	0									
	04	10103	01		507	17	10	66	3	02	2	3	0	9	3	0									
	07	10089	501		508	18	12	66	0	02	0	0	0	9	0	0									
	10	10077	502		510	18	15	66	0	02	0	0	0	9	0	0									
	13	10042	502		510	18	15	66	0	02	0	0	0	9	0	0									
	16	10020	502		510	18	18	66	0	02	0	0	0	9	0	0									
	19	9992	501		508	18	28	66	0	02	0	0	0	9	0	0									
	22	9971	505		511	18	30	66	3	03	1	3	5	5	0	0				18	43	439	000	03	507
23	01	9931	501		507	18	42	66	2	36	1	2	5	5	0	0									
	04	9914	509		511	18	38	66	0	36	3	0	0	9	0	0									
	07	9921	505		507	18	25	66	0	02	3	0	0	9	0	0									
	10	9923	505		512	02	06	66	0	02	0	0	0	9	0	0									
	13	9943	507		513	17	04	66	0	40	0	0	0	9	0	0									
	16	9944	505		512	09	10	66	0	02	0	0	0	9	0	0									
	19	9944	505		512	09	11	66	0	02	0	0	0	9	0	0									
	22	9959	505		508	18	04	66	0	02	0	0	0	9	0	0				18	56	322	000	503	510
24	01	9968	506		512	18	10	66	0	02	0	0	0	9	0	0									
	04	9964	504		510	13	05	66	5	03	1	5	0	9	3	0									
	07	9953	502		509	05	04	66	6	03	2	6	5	5	0	0									
	10	9957	505		510	04	03	66	6	03	2	3	5	5	7	0									
	13	9951	501		508	18	05	66	5	02	1	5	5	5	0	0									
	16	9937	502		508	18	05	66	2	01	1	2	5	6	0	0									
	19	9926	502		507	18	04	66	0	01	1	0	0	9	0	0									
	22	9909	504		510	00	00	66	0	02	0	0	0	9	0	0				02	16	125	000	05	507
25	01	9892	05		503	11	30	66	0	02	0	0	0	9	0	0									
	04	9854	04		503	18	12	66	3	03	1	3	0	9	7	0									
	07	9809	10		08	22	18	16	8	73	1	8	0	9	2										
	10	9715	04		03	10	60	00		38	7														
	13	9685	14		13	10	67	00		39	7														
	16	9690	14		13	10	62	00		39	3														
	19	9697	15		14	11	62	00		39	3														
	22	9743	13		12	16	40	00		38	3									09	87	971	080	17	04
26	01	9733	17		16	18	30	00		38	3														
	04	9750	19		16	15	05	00	8	73	7	8	0	9	2										
	07	9761	20		18	22	03	02	8	73	7	8	0	9	2										
	10	9786	20		18	00	00	58	7	71	7	7	5	4		2									
	13	9810	15		07	06	06	58	7	15	7	7	5	5		2									
	16	9818	17		09	05	12	58	8	02	2	8	5	5											
	19	9825	18		11	06	10	66	8	02	2	8	5	5											
	22	9817	17		06	13	06	66	0	01	1	0	0	9	0	0				12	66	192	033	20	14
27	01	9814	19		06	16	08	66	8	03	1	8	5	5											
	04	9819	21		20	18	11	56	5	71	7	5	5	5	0	0									
	07	9832	19		17	00	08	66	8	71	7	8	5	5											
	10	9843	20		16	16	02	58	7	70	7	7	5	5		2									
	13	9850	22		15	00	00	66	8	02	7	8	0	9	7										
	16	9871	19		16	04	05	66	8	02	2	8	0	9	7										
	19	9901	20		14	05	10	66	8	02	2	8	0	9	7										
	22	9943	20		12	04	06	66	7	01	2	7	5	7						04	19	136	022	22	17

Results of Surface Observations,
WILKES May 1965

L RD	STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
	mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	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	9968	19		11	06	03	66	7	02	2	7	5	5											
04	9981	20		14	14	10	66	8	02	2	8	5	5											
07	10006	22		15	14	10	66	8	02	2	8	5	5			2								
10	10015	19		17	10	28	01	8	38	2	8	5	5			2								
13	9998	18		16	11	50	00	8	38	3	8	5	6			2								
16	10028	23		13	15	10	66	8	02	3	8	5	6											
19	10034	24		18	30	06	66	4	01	2	4	5	5	0	0				12	58	310	006	24	18
22	10020	21		15	00	00	66	8	03	2	8	5	5											
01	10009	21		16	00	00	66	5	01	2	5	5	5	0	0									
04	9986	23		18	00	00	66	3	01	1	3	5	5	0	0									
07	9964	25		17	18	30	66	8	03	2	8	5	5											
10	9945	22		19	11	44	16	8	02	2	8	5	5											
13	9957	25			21	04	66	8	15	3	5	5	6	7		2								
16	9956	26		15	23	08	66	7	60	2	7	5	6			2								
19	9941	33		16	10	30	07	8	36	3	8	5	5						14	66	527	000	33	17
22	9938	32		11	18	10	66	8	02	3	8	5	5											
01	9923	32		08	24	16	66	8	02	2	8	5	5											
04	9915	28		12	18	15	66	8	02	2	8	5	5											
07	9925	27		11	18	20	66	7	01	2	7	5	5											
10	9917	25		10	14	28	66	7	01	2	7	0	9	7										
13	9919	26		10	19	01	66	7	02	2	7	0	9	7										
16	9923	22		11	18	08	66	5	01	2	5	5	6	0	0	2								
19	9926	20		09	18	04	66	0	01	1	0	0	9	0	0				18	44	295	000	37	13
22	9935	13		05	18	10	66	0	02	0	0	0	9	0	0									
01	9943	14		09	10	06	66	0	02	0	0	0	9	0	0									
04	9952	15		07	17	04	66	0	02	0	0	0	9	0	0									
07	9950	08		02	10	03	66	6	03	2	6	0	9	1	0									
10	9953	08		02	04	10	66	2	01	1	2	0	9	1	0									
13	9949	07		503	04	04	66	2	01	1	2	0	9	3	0									
16	9942	05		504	04	08	66	3	02	1	3	5	5	0	0									
19	9947	03		506	00	00	66	2	02	1	2	5	5	0	0				12	15	119	000	15	02
22	9938	05		503	04	06	66	1	02	1	1	5	5	0	0									

Results of Surface Observations,
WILKES June, 1965

LOCAL STANDARD TIME DAY	HOUR	STATION LEVEL PRESSURE mb × 10⁻¹	TEMPERATURES DRY BULB °F	WET BULB °F	DEW POINT °F	SURFACE WIND DIRECTION °×10	SPEED kt	VISIBILITY VV	CLOUD AMOUNT Oktas	PRESENT WEATHER ww	PAST WEATHER W	LOW CLOUD AMOUNT Oktas	TYPE C_L	BASE h	MIDDLE CLOUD C_M	HIGH CLOUD C_H	DIRECTION OF CLOUD MOVEMENT LOW D_L	MIDDLE D_M	HIGH D_H	MAXIMUM WIND GUST DIRECTION °×10	SPEED kt	ANEMOMETER WIND RUN St.miles	PRECIPITATION Points	EXTREME TEMPERATURE MAXIMUM °F	MINIMUM °F
01	01	9932	05		503	04	10	66	6	03	1	6	5	5	0	0									
	04	9921	04		503	04	08	66	8	02	2	8	5	5											
	07	9910	04		503	11	04	66	8	02	2	8	5	5											
	10	9896	05		02	07	06	66	8	02	7	8	5	5											
	13	9886	05		03	07	06	66	8	02	2	8	5	5											
	16	9884	05		03	07	05	66	8	02	2	8	5	5											
	19	9880	05		03	07	02	66	8	70	2	8	5	5											
	22	9875	04		03	00	00	66	8	70	7	8	5	5						09	12	133	000	05	03
02	01	9872	03		502	06	06	66	8	02	2	8	5	5											
	04	9869	01		00	05	06	66	8	02	2	8	5	5											
	07	9869	501		503	05	06	66	8	02	2	8	5	5											
	10	9866	502		510	00	00	66	7	02	3	7	5	5											
	13	9861	501		508	09	06	66	7	02	2	7	5	5											
	16	9850	00		506	36	06	66	7	02	2	7	5	5											
	19	9846	00		503	02	08	66	7	02	2	7	5	5											
	22	9840	501		503	15	04	66	8	02	2	8	5	5						56	13	166	000	03	502
03	01	9835	501		504	18	09	66	8	02	2	8	5	5											
	04	9825	501		504	05	07	66	8	02	2	8	5	5											
	07	9832	501		504	04	04	66	8	02	2	8	5	5											
	10	9839	502		504	04	08	66	8	70	2	2	8	0	5										
	13	9849	503		504	08	10	63	8	40	2	8	0	5	2	2				0					
	16	9869	503		504	07	09	58	8	02	4	8	0	5	2										
	19	9888	507		508	06	07	66	0	01	1	0	0	9	0	0									
	22	9903	509		511	18	04	66	0	02	0	0	0	9	0	0				15	15	160	000	03	509
04	01	9920	507		513	00	00	66	0	02	0	0	0	9	0	0									
	04	9932	507		512	14	02	66	0	02	0	0	0	9	0	0									
	07	9947	508		516	09	04	66	0	02	0	0	0	9	0	0									
	10	9961	506		515	00	00	66	0	02	0	0	0	9	0	0									
	13	9973	504		513	14	09	66	1	03	0	1	5	5	0	0									
	16	9982	502		512	15	15	66	7	03	1	7	5	5											
	19	9983	06		505	15	13	66	8	02	2	8	5	5											
	22	9984	00		506	19	10	66	8	02	2	8	5	5						15	21	140	000	07	510
05	01	9981	503		508	24	04	66	0	01	1	0	0	9	0										
	04	9972	508		514	18	04	66	0	02	0	0	0	9	0	0									
	07	9964	509		512	18	05	66	0	02	0	0	0	9	0	0									
	10	9957	508		515	00	00	66	0	02	0	0	0	9	0	0									
	13	9955	511		517	00	00	66	0	02	0	0	0	9	0	0									
	16	9959	511		519	00	00	66	1	03	0	0	0	9	0	1									
	19	9953	510		519	12	03	66	0	01	0	0	0	9	0	0									
	22	9936	511		523	12	07	66	0	02	0	0	0	9	0	0				14	11	081	000	503	511
06	01	9934	509		519	12	02	66	0	02	0	0	0	9	0	0									
	04	9932	509		519	00	00	66	0	02	0	0	0	9	0	0									
	07	9908	508		515	00	00	66	7	05	1	7	5	5											
	10	9903	507		512	06	05	66	7	02	2	7	5	5											
	13	9896	507		516	09	06	66	2	01	1	2	5	5	0	0									
	16	9888	502		510	06	02	66	7	03	1	7	5	5											
	19	9882	502		510	05	09	66	7	02	2	7	5	5											
	22	9871	502		510	06	08	66	8	02	2	8	5	5						04	11	101	000	00	512
07	01	9861	502		508	09	04	66	8	70	2	8	5	5											
	04	9865	503		510	12	06	66	8	02	2	8	5	5											
	07	9865	502		510	18	10	66	8	70	7	8	5	5											
	10	9869	507		511	15	09	66	2	01	2	1	5	6	3	0									
	13	9875	508		511	00	00	66	8	03	1	8	5	6											
	16	9887	505		510	00	00	66	7	02	2	7	5	6											
	19	9894	502		506	18	06	66	8	02	2	8	5	5											
	22	9899	505		508	18	10	66	8	02	2	8	5	5						18	15	126	000	00	509
08	01	9904	503		507	18	04	66	8	02	2	8	5	5											
	04	9917	504		507	16	03	66	8	02	2	8	5	5											
	07	9922	504		507	18	06	66	8	02	2	8	5	5											
	10	9928	505		508	18	04	66	7	02	2	7	5	6											
	13	9928	506		509	18	07	66	7	02	2	7	5	6											
	16	9927	509		512	10	07	66	4	01	1	4	5	6	0	0									
	19	9919	511		513	18	02	66	1	01	0	1	5	6	0	0									
	22	9905	513		516	15	02	66	5	03	1	5	0	9	3	0				18	10	097	000	503	513
09	01	9882	512		516	15	02	66	5	02	0	5	0	9	3	0									
	04	9861	510		512	18	04	66	2	01	1	2	0	9	3	0									
	07	9840	511		514	15	03	66	6	03	1	6	5	5	0	0									
	10	9817	512		520	19	04	66	3	01	1	1	5	6	3	1	2	6	6						
	13	9802	514		521	16	03	66	2	01	1	1	5	4	3	0	0	6							
	16	9792	515		520	04	05	66	1	01	1	1	0	8	3	0									
	19	9781	511		519	00	00	66	8	03	2	8	5	6											
	22	9769	510		517	05	10	66	8	03	2	1	5	6	1					04	14	092	000	509	516

Results of Surface Observations,
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AL ARD E		TEMPERATURES			SURFACE WIND							LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
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
01	9759	510		517	08	06	66	8	02	2	8	0	9	2										
04	9754	516		522	11	07	66	8	02	2	8	5	6											
07	9755	513		519	16	08	66	5	01	2	5	0	6	3	0									
10	9752	513		516	18	06	66	0	01	1	0	0	9	0	0									
13	9758	519		524	19	16	66	0	02	0	0	0	9	0	0									
16	9768	519		527	19	30	66	0	02	0	0	0	9	0	0									
19	9781	520		529	19	28	66	0	02	0	0	0	9	0	0				18	39	354	000	509	524
22	9801	523		529	22	17	66	0	02	0	0	0	9	0	0									
01	9829	524		531	20	32	66	0	02	0	0	0	9	0	0									
04	9833	520		527	19	14	66	1	03	0	1	0	9	3	0									
07	9845	519		526	18	06	66	0	01	0	0	0	9	0	0									
10	9868	517		522	00	00	66	8	03	1	2	0	9	5	7		2							
13	9882	515		516	17	08	66	3	01	1	1	0	9	5	7		2							
16	9892	513		516	00	00	66	5	01	1	5	0	9	1	0									
19	9898	512		515	05	03	66	8	03	1	8	0	9	1					18	39	178	000	507	528
22	9900	509		512	16	04	66	0	01	1	0	0	9	0	0									
01	9889	508		512	17	04	66	7	03	1	7	0	9	1										
04	9870	504		510	00	00	66	8	03	2	8	0	9	7										
07	9846	503		508	00	00	58	8	70	2	8	0	9	2										
10	9788	503		504	00	00	09	8	71	7	8	0	5	2										
13	9736	18		17	10	36	00	8	38	7	8	5	5											
16	9706	18		16	10	47	00	8	38	3	8	0	9	1										
19	9689	18		17	11	52	00		38	3									09	63	550	001	18	509
22	9686	16		15	11	48	00		38	3														
01	9675	18		17	11	45	00		38	3														
04	9650	19		17	11	51	00		38	3														
07	9639	19		18	10	56	00		38	3														
10	9620	20		19	10	60	00		38	3														
13	9595	20		19	10	62	00		38	3														
16	9544	20		19	10	75	00		39	3														
19	9528	20		19	10	70	00		39	3									09	90	1359	003	21	18
22	9495	21		20	09	68	00		38	3														
01	9488	21		20	10	58	00		38	3														
04	9464	20		19	10	65	00		38	3														
07	9457	18		17	10	60	00		38	3														
10	9496	19		17	10	58	03	8	38	3	8	5	5				2							
13	9484	20		18	10	62	01	8	38	3	8	5	5				2							
16	9508	21		19	10	58	03	8	38	3	8	5	5				2							
19	9527	23		21	10	56	03	8	38	3	8	5	5				2		09	86	1339	000	23	18
22	9563	22		19	10	46	03	8	38	3	8	5	5				2							
01	9611	22		18	14	34	66	8	02	3	8	5	5				2							
04	9625	20		08	18	14	66	8	02	2	8	5	5				2							
07	9595	19		16	09	58	00	8	38	7	8	5	5				2							
10	9603	18		16	09	60	00	7	38	3	1	5	4	7	2		2	1	1					
13	9629	20		14	09	57	16	7	36	3	7	5	4				1							
16	9658	21		16	09	48	16	8	38	3	8	5	5				2							
19	9693	21		16	09	39	04	8	38	3	8	5	5				2		09	76	1004	010	22	18
22	9701	19		11	09	44	16	8	36	3	8	5	5				2							
01	9713	19		12	09	44	16	8	36	3	8	5	5				2							
04	9713	19		11	09	44	48	8	36	3	8	0	9	7				2						
07	9713	20		12	09	40	58	8	02	3	8	0	9	7				1						
10	9710	23		11	09	35	66	8	14	2	8	0	9	7				1						
13	9691	25		13	08	43	58	7	36	3	7	0	9	7				1						
16	9708	24		13	08	40	58	8	36	3	8	0	9	7				1						
19	9719	23		13	08	36	58	8	36	3	8	0	9	7				1		09	56	932	000	23	19
22	9721	23		12	09	33	58	8	02	3	8	0	9	7				1						
01	9715	23		12	10	40	58	8	02	2	8	0	9	1				1						
04	9717	24		12	10	37	58	8	36	3	8	0	9	1				1						
07	9713	22		10	09	34	66	8	02	3	8	0	9	1										
10	9710	21		10	10	33	66	8	14	2	8	0	9	7										
13	9724	24		11	18	10	66	8	14	2	5	5	5	7										
16	9735	20		15	17	10	56	8	73	7	8	5	5											
19	9737	21		14	12	12	66	8	02	7	8	5	5						09	46	510	000	24	15
22	9744	19		17	12	12	66	3	01	1	3	5	5	0	0									
01	9752	19		15	08	08	66	1	01	1	1	5	5	0	0									
04	9765	18		12	00	00	66	8	03	1	3	0	9	4	7									
07	9775	19		15	09	05	66	8	02	2	1	0	9	4	7		2							
10	9782	20		16	00	00	66	8	70	2	8	0	9	7			2							
13	9796	18		15	00	00	66	8	02	2	7	5	5	7			2							
16	9804	20		19	08	08	16	8	73	7	8	5	5											
19	9818	20		19	14	04	16	8	73	7	8	5	5						18	13	097	015	20	16
22	9824	18		18	17	07	16	8	73	7	8	5	5											

Results of Surface Observations,
WILKES June, 1965

LOCAL STANDARD TIME DAY	HOUR	STATION LEVEL PRESSURE mb × 10⁻¹	TEMPERATURES DRY BULB °F	WET BULB °F	DEW POINT °F	SURFACE WIND DIRECTION °×10	SPEED kt	VISIBILITY VV	CLOUD AMOUNT Oktas	PRESENT WEATHER ww	PAST WEATHER W	LOW CLOUD AMOUNT Oktas	TYPE C_L	BASE h	MIDDLE CLOUD C_M	HIGH CLOUD C_H	DIRECTION OF CLOUD MOVEMENT LOW D_L	MIDDLE D_M	HIGH D_H	MAXIMUM WIND GUST DIRECTION °×10	SPEED kt	ANEMOMETER WIND RUN Statiles	PRECIPITATION Points	EXTREME TEMPERATURE MAXIMUM °F	MINIMUM °F
19	01	9829	20		18	15	08	58	8	02	7	8	5	5											
	04	9848	18		17	00	00	16	8	71	7	8	5	5											
	07	9855	14		13	19	06	66	7	71	7	7	5	5			2								
	10	9854	09		05	05	05	66	6	03	1	3	5	5	5		2	8							
	13	9863	11		08	03	15	58	7	36	2	1	5	5	5		2	8							
	16	9886	06		02	17	08	66	2	01	3	2	0	9	4	0		8							
	19	9901	09		05	00	00	66	6	70	2	6	0	9	4	0									
	22	9907	07		04	00	00	66	5	02	2	5	0	9	5	0	2			02	20	141	090	20	06
20	01	9908	09		02	05	10	66	7	03	2	3	5	6	4			2							
	04	9911	07		02	16	10	66	7	02	2	7	5	5				8							
	07	9908	10		06	00	08	66	8	70	2	8	5	5			8								
	10	9907	05		03	18	05	66	8	02	7	8	5	5			8								
	13	9912	05		02	16	02	66	8	02	2	8	5	5			8								
	16	9919	05		03	06	06	66	8	76	2	8	5	5			8								
	19	9929	06		02	36	14	66	8	02	7	8	5	5			8								
	22	9938	03		00	04	16	66	8	02	2	8	5	5			8			02	19	173	000	11	00
21	01	9944	02		501	05	06	66	8	02	2	8	5	5			8								
	04	9944	03		502	08	10	66	8	02	2	8	5	5			8								
	07	9939	505		513	09	15	66	3	01	1	3	5	5	0	0									
	10	9933	504		514	06	10	66	1	01	1	1	5	5	1	0									
	13	9919	501		509	13	14	66	8	03	1	1	5	5	0	6									
	16	9908	502		510	14	09	66	2	01	1	1	5	5	0	6									
	19	9895	501		510	16	03	66	0	02	0	0	0	9	0	0									
	22	9879	503		511	17	07	66	2	03	0	2	0	9	1	0				14	20	182	000	03	507
22	01	9871	502		510	00	00	66	5	03	2	0	0	9	0	6									
	04	9869	00		509	00	00	66	6	02	2	0	0	9	0	7									
	07	9869	02		507	06	04	66	6	02	2	0	0	9	0	7									
	10	9872	00		507	07	05	66	2	01	2	0	0	9	0	5									
	13	9872	501		505	00	00	66	7	03	1	7	0	9	7										
	16	9870	501		506	09	02	66	4	01	1	0	0	9	0	5									
	19	9872	00		510	04	06	66	2	01	1	2	0	9	1	0									
	22	9868	00		509	13	04	66	0	02	0	0	0	9	0	0				05	11	097	000	03	505
23	01	9860	01		507	18	06	66	1	03	0	1	5	5	0	0									
	04	9858	01		510	05	04	66	8	03	2	8	0	9	0	7									
	07	9854	00		508	04	02	66	8	03	2	8	0	9	0	6									
	10	9855	501		508	04	10	66	8	03	2	3	0	9	4	6									
	13	9865	503		507	04	10	66	7	02	2	1	5	5	3										
	16	9881	502		506	33	05	66	8	03	2	3	5	5	7										
	19	9882	00		503	33	04	66	8	02	2	4	5	5	7										
	22	9873	501		506	04	10	66	8	02	2	8	0	9	2					05	20	172	000	04	507
24	01	9861	505		511	36	10	66	8	02	2	8	0	9	7										
	04	9864	505		510	18	03	66	8	70	2	8	0	9	2										
	07	9863	506		512	05	05	66	8	70	7	8	0	9	2										
	10	9872	510		523	07	12	66	3	01	7	3	0	9	7	6									
	13	9876	515		521	05	06	66	2	02	1	2	0	9	7	8									
	16	9877	512		519	15	05	66	3	03	1	3	0	9	7										
	19	9881	516		524	00	00	66	0	01	0	0	0	9	0	0									
	22	9885	515		525	05	08	66	0	02	0	0	0	9	0	0				05	20	181	000	502	519
25	01	9888	514		524	15	06	66	0	02	0	0	0	9	0	0									
	04	9880	515		525	14	06	66	0	02	0	0	0	9	0	0									
	07	9879	514		520	18	04	66	0	02	0	0	0	9	0	0									
	10	9874	515		521	18	04	66	3	03	1	3	0	9	4	0									
	13	9862	513		521	18	06	66	7	03	1	7	0	9	5										
	16	9861	512		519	17	05	66	7	02	2	7	0	9	5										
	19	9854	512		522	05	07	66	7	02	2	7	0	9	5										
	22	9853	514		521	05	06	66	0	01	1	0	0	9	0	0				18	11	118	000	511	520
26	01	9840	514		519	07	06	66	0	02	0	0	0	9	0	0									
	04	9840	514		519	13	02	66	0	02	0	0	0	9	0	0									
	07	9839	511		517	00	00	66	2	03	0	2	0	9	4	0									
	10	9839	513		516	05	10	66	2	02	1	2	0	9	7	0									
	13	9851	510		513	04	15	66	7	40	1	7	5	5											
	16	9864	510		514	04	16	66	7	02	4	7	5	5											
	19	9886	511		517	04	14	66	0	01	1	0	0	9	0	0									
	22	9902	510		515	03	13	66	3	03	0	3	0	9	1	0				07	22	346	000	510	517
27	01	9924	510		519	06	12	66	3	02	1	3	0	9	1	0									
	04	9937	509		521	15	05	66	1	01	1	1	0	9	1	0									
	07	9938	513		521	18	06	66	1	03	0	1	0	9	4	0									
	10	9939	511		520	17	12	66	1	02	1	1	0	9	4	0									
	13	9921	509		520	20	10	66	1	02	1	1	0	9	4	0									
	16	9917	506		512	18	06	66	1	02	0	1	0	9	4	0									
	19	9912	503		508	00	00	66	0	03	0	0	0	9	0	0									
	22	9895	509		514	17	04	66	0	02	0	0	0	9	0	0				[illegible]	[illegible]	150	000	502	515

Results of Surface Observations,
WILKES June, 1965

CAL BOARD ME	HOUR	STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
			DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	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	9881	505		511	17	08	66	0	02	0	0	0	9	0	0									
	04	9854	506		512	19	08	66	0	02	0	0	0	9	0	0									
	07	9842	507		511	00	00	66	0	02	0	0	0	9	0	0									
	10	9849	505		512	05	14	66	0	02	0	0	0	9	0	0									
	13	9844	503		507	04	15	66	1	03	0	1	0	9	4	0									
	16	9853	511		515	04	12	66	0	01	0	0	0	9	0	0									
	19	9862	507		510	03	07	66	0	02	0	0	0	9	0	0				05	19	212	000	501	513
	22	9872	512		515	04	10	66	0	02	0	0	0	9	0	0									
	01	9879	513		515	04	05	66	0	02	0	0	0	9	0	0									
	04	9889	511		513	00	00	66	0	02	0	0	0	9	0	0									
	07	9890	512		514	04	02	66	0	02	0	0	0	9	0	0									
	10	9901	514		519	05	06	66	3	03	0	3	0	9	7										
	13	9901	511		514	06	02	66	8	02	2	8	0	9	7	0									
	16	9906	509		512	00	00	66	7	02	2	7	0	9	7										
	19	9908	507		510	00	00	66	0	01	1	0	0	9	0	0				18	12	094	000	04	514
	22	9894	00		508	18	07	66	5	03	1	5	0	9	3	0									
	01	9866	13		08	10	24	66	8	03	1	8	5	5											
	04	9823	20		19	09	35	48	8	38	3	8	5	5											
	07	9789	19		18	10	42	48	8	38	3	8	5	5											
	10	9777	19		18	09	44	00		38	3														
	13	9809	17		16	09	34	00	7	36	3	7	5	5											
	16	9856	19		17	18	08	58	8	71	3	8	5	5											
	19	9877	22		17	00	00	66	8	02	7	8	5	5						09	62	587	015	32	12
	22	9888	22		17	07	12	66	8	02	7	8	5	5											

Results of Surface Observations,
WILKES July, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURE	
DAY	HOUR	mb × 10⁻¹	DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION °×10	SPEED kt	VV	Oktas	ww	W	AMOUNT Oktas	TYPE C_L	BASE h	C_M	C_H	LOW D_L	MIDDLE D_M	HIGH D_H	DIRECTION °×10	SPEED kt	St. miles	Points	MAXIMUM °F	
01	01	9891	18		16	08	19	16	7	36	3	7	5	5											
	04	9885	19		17	09	19	66	8	02	3	8	5	5											
	07	9874	20		15	10	16	66	8	02	2	8	5	5											
	10	9847	21		20	10	18	16	8	36	3	8	5	4			2								
	13	9819	19		17	10	34	16	8	36	3	8	5	4			2								
	16	9795	21		18	11	40	16	7	36	3	7	5	5			2								
	19	9785	21		18	18	24	16	7	36	3	7	5	5											
	22	9769	21		18	00	00	58	8	70	3	8	5	5						11	48	503	015	21	1
02	01	9763	20		18	00	00	58	8	70	7	8	5	5											
	04	9781	18		17	05	10	63	5	01	7	5	5	5											
	07	9813	20		16	00	00	66	8	02	2	8	5	5											
	10	9822	17		04	00	00	66	7	01	2	3	5	6	3										
	13	9850	16		06	00	00	58	8	15	2	8	5	5											
	16	9866	15		09	00	00	66	7	01	2	7	5	5											
	19	9888	14		07	09	04	66	5	01	2	5	5	5	0	0									
	22	9900	09		01	08	09	66	0	01	1	0	0	9	0	0				11	25	144	003	20	0
03	01	9908	08		00	04	03	66	3	03	1	3	0	9	4	0									
	04	9907	07		501	13	05	66	3	02	1	3	0	9	4	0									
	07	9905	05		503	17	03	66	3	02	0	3	0	9	4	0									
	10	9906	03		508	00	00	66	1	01	1	1	0	9	4	0									
	13	9908	01		508	00	00	66	1	02	1	1	0	9	4	0									
	16	9916	01		501	15	06	66	1	02	1	1	0	9	1	0									
	19	9920	504		512	00	00	66	1	02	1	1	0	9	4	0									
	22	9919	00		504	08	06	66	0	01	0	0	0	9	0	0				05	11	084	000	09	50
04	01	9926	502		508	00	00	66	0	02	0	0	0	9	0	0									
	04	9923	503		511	04	03	66	0	02	0	0	0	9	0	0									
	07	9919	503		510	18	06	66	1	02	0	1	0	9	4	0									
	10	9901	05		503	18	07	66	3	03	1	3	5	6	0	0	1								
	13	9879	11		04	18	17	32	7	36	1	7	5	6			2								
	16	9833	12		02	12	39	32	8	38	3	8	5	6											
	19	9799	15		02	12	45	00	7	38	3	7	5	6			2								
	22	9763	17		16	30	10	16	8	70	3	8	5	5						11	62	377	000	17	50
05	01	9769	15		14	11	54	00		39	7														
	04	9631	18		17	12	68	00		39	3														
	07	9575	16		15	11	76	00		39	3														
	10	9585				11	60	00	8	38	3	8	5	4											
	13	9616				10	52	00	8	39	3	8	5	4											
	16	9657	24		23	09	53	00		39	3														
	19	9708	24		23	09	44	00		39	3														
	22	9749	25		24	10	32	00		38	3									21	98		002	25	15
06	01	9772	24		23	09	30	00		38	3														
	04	9795	24		23	09	27	00		38	3														
	07	9794	23		22	10	43	00		38	3														
	10	9785	23		22	10	41	00	8	38	3	5	5	5	8										
	13	9771	23		22	10	48	00	5	38	3	3	5	5	8										
	16	9802	21		20	10	46	00		39	3														
	19	9837	21		20	09	34	01	1	38	3	1	0	9	4	0									
	22	9852	19			10	32	03	3	36	3	3	0	9	4	0				09	65		000	24	19
07	01	9851	20			10	36	32	0	36	3	0	0	9	0	0									
	04	9857	21			10	32	58	0	02	3	0	0	9	0	0									
	07	9870	18			09	28	66	3	03	1	3	5	6	0	0	2								
	10	9894	19			09	28	66	7	03	1	7	5	7			1								
	13	9905	19			10	23	66	5	01	1	3	5	6	3	0	2	0							
	16	9902	18		04	11	29	66	7	03	3	7	5	5			2								
	19	9887	21		08	10	32	66	7	02	2	7	5	5			2								
	22	9845	23		04	11	42	58	8	36	2	8	0	9	3		2			10	79		000	26	18
08	01	9768	21		20	11	50	00		39	3														
	04	9683	21		19	12	66	00		38	3														
	07	9628	19		18	11	70	00		38	3														
	10	9619	22		19	09	43	00		38	3														
	13	9680	24		21	07	41	00		38	3														
	16	9741	23		22	06	36	00		38	3														
	19	9798	23		22	04	31	00	8	38	3	8	0	9	1			0							
	22	9850	23			05	15	58	8	70	3	8	0	9	1			0		10	87		000	25	19
09	01	9873	25		23	05	22	16	8	36	3	8	0	9	1			0							
	04	9881	23		17	09	28	16	0	36	3	0	0	9	0	0									
	07	9883	22		17	10	34	00	0	38	3	0	0	9	0	0									
	10	9863	22		12	11	37	16	8	38	3	8	5	5											
	13	9836	25		16	04	04	58	8	01	3	6	5	4	7										
	16	9794	26		16	19	25	66	8	02	2	8	5	5											
	19	9738	23		13	19	16	66	8	02	2	8	0	9	7										
	22	9680	19		13	12	08	66	3	01	1	3	0	9	7					10	58		000	26	19

Results of Surface Observations,
WILKES July, 1965

L ARD HOUR	STATION LEVEL PRESSURE	TEMPERATURES: DRY BULB	TEMPERATURES: WET BULB	TEMPERATURES: DEW POINT	SURFACE WIND: DIRECTION	SURFACE WIND: 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	9672	25		20	20	05	66	8	03	7	8	5	6			0								
04	9673	27		16	14	15	66	8	02	2	8	5	6			0								
07	9685	26		16	00	00	66	8	02	2	8	5	5			0								
10	9707	22		13	03	04	66	3	01	1	3	5	6	0	0	1								
13	9741	22		13	00	0	66	4	03	1	4	0	9	3	0		5							
16	9774	15		07	13	04	66	1	01	1	1	0	9	3	0									
19	9813	16		08	18	11	66	0	01	1	0	0	9	0	0									
22	9847	17		10	04	06	66	0	02	0	0	0	9	0	0				09	34		001	27	08
01	9878	09		07	03	09	66	3	03	1	3	0	9	3	0		0							
04	9907	11		10	02	15	66	4	76	1	4	0	9	3	0		0							
07	9925	18		07	01	1	66	3	02	1	3	0	9	3	0									
10	9934	21		05	09	24	66	8	36	2	8	5	5											
13	9930	22		09	09	29	66	8	02	3	8	5	5			1								
16	9925	21		12	11	36	66	8	36	3	8	5	5			1								
19	9917	21		17	10	37	03	8	36	3	8	5	5											
22	9891	23		18	10	50	48	8	36	3	8	5	5						09	57		000	29	08
01	9911	25		17	18	26	66	8	02	3	8	5	5											
04	9900	25		18	20	12	66	8	73	7	8	5	5											
07	9887	21		17	19	14	66	8	77	7	8	5	5											
10	9875	23		11	17	14	63	8	15	7	6	5	5	7										
13	9829	20		17	12	45	00	8	39	2	8	5	7											
16	9793	25		18	12	48	61	8	02	3	8	0	9	7										
19	9769	23		17	11	50	66	8	02	2	1	5	4	7										
22	9777	25		20	21	13	66	8	02	2	8	5	7						14	81		018	30	18
01	9780	20		15	17	16	66	8	02	2	8	5	7											
04	9783	21		14	17	16	66	8	02	2	8	5	6											
07	9772	17		13	20	12	66	8	02	2	8	5	6											
10	9769	18		13	06	14	66	8	02	2	6	5	6	3										
13	9771	13		05	07	10	66	3	01	2	1	5	6	3	0									
16	9781	09		01	12	04	66	5	03	1	2	5	7	3	6									
19	9790	07		01	00	00	66	5	01	1	1	0	9	4	6									
22	9802	06		502	09	10	66	2	01	1	0	0	9	0	1				11	40		001	26	08
01	9816	09		502	09	13	66	7	03	1	0	0	9	0	6									
04	9831	09		00	09	08	66	2	01	1	0	0	9	0	1									
07	9853	01		510	09	14	66	0	02	1	0	0	9	0	0									
10	9864	04		505	00	00	66	1	03	0	1	0	9	4	0		0							
13	9883	503		511	11	05	66	1	02	0	1	0	9	4	0		0							
16	9894	504		512	10	08	66	1	01	0	1	5	5	0	0	1								
19	9905	502		510	00	00	66	1	02	0	1	5	5	0	0	1								
22	9905	508		514	11	14	66	1	02	0	1	5	5	0	0	3			11	22		000	10	508
01	9902	506		511	09	09	66	7	03	1	7	5	5			5								
04	9897	504		510	07	08	66	7	02	2	7	5	5											
07	9896	504		509	09	07	66	7	02	2	5	5	5	3		5	6							
10	9896	505		510	18	11	66	7	02	2	7	5	5			5								
13	9889	507		509	18	10	66	7	02	2	7	5	5			5								
16	9884	504		507	08	05	66	7	02	2	7	5	5			5								
19	9887	506		509	18	07	58	8	70	2	8	5	5											
22	9881	504		506	04	04	66	8	02	2	8	5	5						18	22	159	000	501	508
01	9878	506		507	16	03	66	8	70	2	8	5	5			7								
04	9866	505		506	02	08	66	8	71	7	8	5	6			7								
07	9863	506		508	16	06	66	8	02	2	8	5	6			5								
10	9862	505		510	10	06	66	8	70	2	8	5	5			5								
13	9862	505		506	17	06	66	7	02	7	7	5	5			0								
16	9854	510		512	18	04	66	2	01	1	2	5	5	0	0	3								
19	9845	507		508	12	13	66	8	03	1	8	5	5											
22	9835	509		510	09	06	58	8	71	2	8	5	5						03	19	168	001	505	514
01	9826	514		517	09	06	66	1	01	7	1	0	9	3	0		4							
04	9813	511		516	07	02	66	3	03	1	3	0	9	3	0									
07	9800	511		515	00	00	66	3	02	1	3	0	9	3	0									
10	9779	510		517	11	07	66	3	02	1	3	0	9	7	0									
13	9763	510		517	16	04	66	1	01	1	1	0	9	3	0									
16	9750	510		519	07	06	66	4	03	1	4	0	9	7	0									
19	9742	510		517	16	06	66	1	01	1	1	5	5	0	0									
22	9726	507		515	15	06	66	2	03	1	2	0	9	4	0				11	18	125	006	506	514
01	9716	506		512	00	00	66	1	01	1	1	0	9	4	0									
04	9711	511		514	04	05	66	0	01	1	0	0	9	0	0									
07	9717	508		512	09	03	66	1	03	1	1	5	4	0	0									
10	9721	510		511	12	03	66	1	03	1	1	5	4	4	0									
13	9726	509		509	09	03	66	7	03	1	2	5	1	4	6									
16	9732	501		504	14	03	66	7	02	2	7	5	5											
19	9742	50		504	18	08	66	7	02	2	7	5	5											
22	9759	01		503	18	08	66	8	02	2	8	5	5						18	11	126	000	03	511

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	EXTRE TEMPERA	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	
19	01	9775	05		502	17	02	66	8	02	2	8	5	5											
	04	9781	06		01	21	04	56	8	02	2	8	5	5											
	07	9790	04		02	10	05	66	8	01	1	6	5	5	4										
	10	9797	02		00	03	06	66	1	01	1	1	5	4	0	0									
	13	9777	09		02	19	15	66	7	03	1	1	5	4	0	6									
	16	9741	10		09	10	26	03	7	38	3	0	0	9	0	5									
	19	9705	10		09	12	42	03	8	38	3	8	5	5											
	22	9634	11		06	12	58	01	8	38	3	8	5	5						11	96	618	000	14	
20	01	9639	13		04	18	12	66	5	01	3	5	5	4	0	0									
	04	9623	12		08	10	05	66	3	01	1	3	5	4	0	0									
	07	9606	11		07	34	05	66	5	03	1	3	5	5	4	0	3	1							
	10	9610	07		05	11	04	66	4	01	1	2	5	5	3	0	5	7							
	13	9658	05		04	04	20	66	6	36	1	6	5	5	7	0	0								
	16	9685	04		01	04	18	66	7	02	2	7	5	5	6										
	19	9741	02		00	02	18	66	7	02	2	7	5	5	6										
	22	9786	502		504	03	18	66	7	02	2	7	5	5	6					11	72	362	000	15	5
21	01	9805	504		507	04	12	66	3	01	7	1	5	5	1	0									
	04	9804	00		503	21	02	58	8	71	1	8	5	5	5										
	07	9779	10		09	07	25	01	8	38	7	8	5	5											
	10	9778	09		08	09	30	04	6	38	3	6	5	5	7										
	13	9751	13		11	10	34	00	8	38	3	8	0	9	7										
	16	9730	14		13	09	42	00	8	38	3	8	0	9	7										
	19	9719	13		11	09	41	00		38	3														
	22	9705	14		13	09	39	00	0	38	3	0	0	9	0	0				09	56	815	000	17	5
22	01	9700	17			10	32	07	8	03	3	8	5	5											
	04	9708	14			19	15	66	8	02	2	8	5	5											
	07	9694	06		01	18	10	66	7	02	2	7	0	9	7										
	10	9686	501		506	18	15	66	4	01	1	4	0	9	7	0									
	13	9679	00		505	18	10	66	8	03	2	5	0	9	7	4									
	16	9674	00		505	18	08	66	4	01	1	4	0	9	4	0									
	19	9676	00		506	19	08	66	2	02	1	0	0	9	0	8									
	22	9672	502		508	16	04	66	0	02	0	0	0	9	0	0				09	43	299	000	18	50
23	01	9665	502		508	00	00	66	0	02	0	0	0	9	0	0									
	04	9656	502		508	18	07	66	0	02	0	0	0	9	0	0									
	07	9651	503		509	18	02	66	1	03	0	1	0	9	7	0									
	10	9647	502		507	05	10	66	2	03	1	2	0	9	7	0									
	13	9645	503		506	05	08	66	2	03	1	1	5	4	3	0									
	16	9645	504		508	05	07	66	2	02	0	1	5	5	3	0									
	19	9658	505		509	00	00	66	0	02	0	0	0	9	0	0									
	22	9664	508		515	05	06	66	0	02	0	0	0	9	0	0				03	14	188	000	501	50
24	01	9672	505		512	05	10	66	0	02	0	0	0	9	0	0									
	04	9687	505		510	05	07	66	0	02	0	0	0	9	0	0									
	07	9698	507		510	05	10	66	1	03	0	1	0	9	4	0									
	10	9714	508		512	05	12	66	2	03	1	2	5	5	0	0									
	13	9714	509		513	04	09	66	1	01	0	1	5	5	0	0									
	16	9717	511		514	05	07	66	4	03	1	1	5	5	3	0									
	19	9713	513		515	05	08	66	0	02	0	0	0	9	0	0									
	22	9707	511		513	05	08	66	2	03	0	2	0	9	3	0				05	13	176	000	504	54
25	01	9702	511		513	05	09	66	0	02	0	0	0	9	0	0									
	04	9697	511		513	07	03	66	8	76	1	8	5	5											
	07	9695	509		511	07	05	66	8	76	2	8	5	5											
	10	9699	511		518	03	08	66	7	03	1	7	5	4	0	0									
	13	9703	511		516	00	08	66	1	40	4	1	5	4	3	0	6	6							
	16	9719	514		521	04	06	66	3	03	4	1	5	4	3	0	5	5							
	19	9731	504		511	18	03	66	3	02	1	3	5	4	0	0									
	22	9747	508		515	00	00	66	0	02	0	0	0	9	0	0				04	12	078	000	503	54
26	01	9762	504		511	10	03	66	0	02	0	0	0	9	0	0									
	04	9788	504		511	10	05	66	0	02	0	0	0	9	0	0									
	07	9804	505		511	06	03	66	8	03	1	8	5	5											
	10	9813	02		503	00	00	66	8	40	2	8	5	6											
	13	9821	504		505	16	05	48	8	71	7	8	5	4											
	16	9821	00		504	00	00	48	8	71	7	8	5	4											
	19	9809	01		504	00	00	58	8	71	7	8	5	4											
	22	9796	01		504	00	00	66	8	71	7	8	5	5						05	10	045	000	03	513
27	01	9775	02		505	18	06	66	8	02	7	8	5	5											
	04	9760	503		511	22	07	66	7	01	2	0	0	9	0	6									
	07	9764	03		508	10	09	66	7	03	2	7	5	5											
	10	9785	06		505	11	10	66	7	70	2	7	5	5											
	13	9797	503		510	18	17	66	2	01	1	2	5	6	0	0									
	16	9809	503		509	20	03	66	1	02	1	1	5	6	0	0									
	19	9818	506		512	04	08	66	0	02	0	0	0	9	0	0									
	22	9818	509		515	00	00	66	0	02	0	0	0	9	0	0				18	21	131	005	06	511

Results of Surface Observations,
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RD HOUR	STATION LEVEL PRESSURE	TEMPERATURES DRY BULB	TEMPERATURES WET BULB	TEMPERATURES DEW POINT	SURFACE WIND DIRECTION	SURFACE WIND 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	9811	511		517	00	00	66	0	02	0	0	0	9	0	0									
04	9802	513		518	02	06	66	0	02	0	0	0	9	0	0									
07	9801	514		519	03	09	66	1	02	0	1	5	5	0	0									
10	9801	513		518	18	08	66	7	03	0	7	6	6											
13	9796	513		518	18	17	63	6	01	1	6	5	5	0	0	4								
16	9808	512		517	19	06	66	2	40	0	1	5	6	3	0									
19	9773	507		515	19	11	66	1	01	1	1	5	6	0	0				18	21	168	000	01	515
22	9755	501		511	00	00	66	0	02	1	0	0	9	0	0									
01	9744	01		509	19	06	66	5	03	1	5	5	6	0	0									
04	9730	06		01	10	34	00		38	2														
07	9713	09		04	11	40	00		38	3														
10	9712	11		08	10	40	00		38	3														
13	9705	09		05	10	50	00		38	3														
16	9712	07		03	10	50	00	4	38	3	3	5	5	3	0									
19	9728	12		06	10	40	00		38	3									18	63	952	000	16	00
22	9771	13		09	07	10	01	8	73	7	8	5	5											
01	9768	15		11	21	10	66	8	02	3	8	5	5											
04	9795	14		09	03	18	16	8	76	2	8	5	5											
07	9805	13		08	00	00	66	8	70	7	8	6	6											
10	9824	16		08	04	11	16	8	72	7	8	0	5	2										
13	9840	14		11	16	10	48	8	70	7	8	0	6	2										
16	9840	15		08	18	14	61	8	02	7	8	0	9	2										
19	9848	17		13	34	02	66	8	70	7	8	0	9	2										
22	9853	13		09	03	03	66	0	01	1	0	0	9	0	0				09	39	222	015	17	504
01	9853	09		02	12	04	66	0	02	0	0	0	9	0	0									
04	9856	07		502	00	00	66	0	02	0	0	0	9	0	0									
07	9862	01		505	03	03	66	2	03	0	2	5	5	0	0									
10	9866	03		510	18	06	66	5	03	1	5	5	5	0	0	3								
13	9869	12		03	22	04	66	7	03	2	7	5	7											
16	9872	08		00	18	07	66	7	02	2	7	5	7											
19	9875	08		01	18	02	66	8	02	2	8	5	7						09	15	124	005	17	01
22	9871	09		03	34	04	66	8	02	2	8	5	7											

Results of Surface Observations,
WILKES August, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTR TEMPERA	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	
01	01	9782	10		03	00	00	66	8	02	2	8	5	6											
	04	9780	09		03	00	00	66	8	02	2	8	5	6											
	07	9869	07		03	00	00	58	8	71	2	8	5	5											
	10	9863	08		04	13	02	66	8	02	7	8	5	5											
	13	9859	13		09	00	00	66	8	02	2	8	5	5											
	16	9860	05		02	17	05	66	8	16	2	8	5	7											
	19	9851	03		01	18	05	66	7	02	2	7	5	7											
	22	9855	05		03	00	00	66	8	02	2	8	5	7						18	14	073	000	12	
02	01	9855	02		00	18	05	66	8	02	2	8	5	7											
	04	9857	01		501	18	06	66	8	02	2	8	5	7											
	07	9861	501		504	19	08	66	8	02	2	8	5	6											
	10	9864	503		506	18	10	66	8	40	2	8	5	8											
	13	9856	501		503	17	08	66	8	40	2	8	5	8											
	16	9853	00		503	17	06	66	8	02	2	8	5	7											
	19	9846	00		503	16	02	66	8	02	2	8	5	7											
	22	9837	04		00	36	10	66	8	02	2	8	5	7						01	17	209	000	05	
03	01	9830	502		502	18	09	66	8	71	7	8	5	7			4								
	04	9815	03		02	12	03	66	8	71	7	8	5	7			4								
	07	9806	03		00	05	12	66	8	02	7	8	5	7											
	10	9801	03		503	07	14	61	8	70	7	8	0	8	2			8							
	13	9790	03		503	08	10	63	7	02	7	7	0	8	2			8							
	16	9785	04		502	35	08	63	7	02	2	7	5	7			1								
	19	9772	501		505	11	22	66	0	36	3	0	0	9	0	0									
	22	9768	501		505	09	25	63	3	38	3	3	5	7	0	0				09	32	381	003	04	
04	01	9771	508		512	17	12	66	3	38	3	3	5	7	0	0									
	04	9761	503		508	10	25	66	3	38	3	3	5	7	0	0	0								
	07	9753	502		508	10	28	63	6	38	3	6	5	5	0	0	2								
	10	9745	501		509	10	23	66	6	36	3	6	5	5	0	0	2								
	13	9739	505		510	18	13	66	2	01	1	2	5	8	0	0									
	16	9732	509		514	18	06	61	1	40	4	1	5	5	3	0									
	19	9714	509		514	18	04	66	3	03	1	3	0	9	3	0									
	22	9714	509		513	21	02	66	1	01	1	1	0	9	3	0				18	35	347	002	02	
05	01	9716	507		513	14	05	66	0	02	0	0	0	9	0	0									
	04	9729	504		510	31	08	66	0	02	0	0	0	9	0	0									
	07	9758	505		510	34	11	66	1	03	0	1	5	7	0	0									
	10	9786	509		513	05	12	66	2	02	1	2	5	7	0	0									
	13	9818	507		510	03	13	66	1	01	1	1	6	4	0	0									
	16	9840	508		512	05	12	66	3	03	1	3	0	9	7	0									
	19	9871	503		508	09	10	66	8	02	2	8	0	9	7										
	22	9885	00		505	09	10	66	8	02	2	8	0	9	7					09	20	222	000	05	
06	01	9884	05		01	08	18	66	8	02	2	8	8	9	2										
	04	9885	02		00	19	13	66	8	02	2	8	0	9	2										
	07	9871	07		05	10	30	03	8	38	2	8	0	9	2										
	10	9898	10		09	10	28	03	8	38	3	8	0	9	2										
	13	9909	10		07	10	25	06	8	36	3	6	5	5	2		5								
	16	9920	09		05	18	12	58	8	02	3	8	0	9	2										
	19	9906	06		02	19	10	66	8	02	2	8	0	9	2										
	22	9873	07			19	10	66	8	02	2	8	0	9	1					09	38	405	000	18	
07	01	9821	18		16	11	38	02	8	38	2	8	0	9	2										
	04	9783	18		16	11	44	02	8	38	3	8	0	9	2										
	07	9759	20		15	12	47	02	8	38	3	8	0	9	2										
	10	9739	22		10	11	40	32	8	02	3	8	0	9	2										
	13	9745	22		10	17	30	63	8	02	2	3	5	5	2										
	16	9744	12		07	18	13	66	7	01	2	7	0	9	7										
	19	9751	10		05	18	10	66	4	01	1	4	0	9	4	0									
	22	9765	09		05	04	06	66	3	01	1	3	0	9	4	0				09	57	680	000	22	
08	01	9782	09		08	04	07	66	8	03	1	8	0	9	7			2							
	04	9799	07		06	04	12	66	8	02	2	8	0	9	2			2							
	07	9813	07		06	03	25	63	5	36	2	5	5	6	0	0	1								
	10	9833	07		03	03	24	60	8	36	3	8	5	6			1								
	13	9827	10		08	01	24	60	8	02	3	8	5	6											
	16	9795	12		11	10	36	00		38	2														
	19	9766	10		09	19	50	00		38	2														
	22	9705	10		09	10	60	00		38	2									11	72	861	000	13	
09	01	9723	08		07	10	52	00		38	2														
	04	9754	08		07	09	38	00		38	2														
	07	9771	03		02	09	31	00		38	3														
	10	9780	03			08	22	63	8	40	3	3	5	5	7		2								
	13	9787	01		507	08	18	66	3	01	1	1	5	5	7	0	2								
	16	9797	501		509	09	20	66	5	03	1	3	5	5	7	0	2								
	19	9807	503		513	09	20	66	3	01	1	3	5	5	0	0	2								
	22	9817	505		516	11	23	66	2	01	1	2	0	9	4	0		1		09	68	681	000	10	50

Results of Surface Observations,
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	STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
	mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
1	9819	507		524	09	16	66	0	01	0	0	0	9	0	0									
4	9826	508		521	09	06	66	0	02	0	0	0	9	0	0									
7	9827	512		520	19	15	66	0	02	0	0	0	9	0	0									
0	9836	510		517	20	02	66	1	03	0	1	5	5	0	0									
3	9835	510		517	18	04	66	0	01	0	0	0	9	0	0									
6	9822	510		518	03	06	66	0	02	0	0	0	9	0	0									
9	9815	512		518	00	00	66	0	02	0	0	0	9	0	0									
2	9802	516		522	15	04	66	0	02	0	0	0	9	0	0				11	29	144	000	06	516
1	9788	516		521	18	04	66	0	02	0	0	0	9	0	0									
4	9772	514		521	00	00	66	0	02	0	0	0	9	0	0									
7	9759	514		520	16	10	66	1	03	0	1	5	5	0	0									
0	9748	516		528	05	07	66	3	40	4	2	0	9	2	4		2	2						
3	9720	516		522	16	04	66	2	02	1	2	0	9	0	5									
6	9684	516		519	02	04	66	1	40	0	1	5	5	0	0									
9	9694	516		521	00	00	66	0	02	0	0	0	9	0	0									
2	9704	518		525	05	06	66	0	02	0	0	0	9	0	0				19	16	097	000	515	519
1	9704	517		521	02	05	66	0	02	0	0	0	9	0	0									
4	9715	514		517	05	12	66	2	03	0	2	0	9	4	0		5							
7	9726	515		519	07	14	66	3	03	1	1	5	5	4	0	2	5							
0	9734	515		521	05	07	61	1	40	4	1	5	5	0	0									
3	9741	513		518	03	11	66	1	02	1	1	5	5	0	0									
6	9758	518		522	00	00	66	1	02	0	1	5	5	0	0									
9	9775	518		521	06	12	66	5	03	1	1	5	5	1	0		8							
2	9799	517		520	07	10	66	1	01	1	1	0	9	4	0		1		04	18	193	000	513	522
1	9819	519		522	06	10	66	1	02	0	1	5	5	0	0	0								
4	9849	520		522	12	04	66	5	03	1	5	5	6	0	0	8								
7	9872	519		520	13	12	11	1	41	1	1	5	6	0	0									
0	9894	519		526	05	06	66	3	03	1	2	5	5	4	0		2							
3	9917	519		524	11	11	66	3	02	1	3	5	6	0	0									
6	9944	518		523	18	02	66	8	03	1	8	5	6	3	7			2						
9	9959	514		519	06	04	66	8	02	2	8	0	9	3			2							
2	9962	509		513	05	08	66	8	02	2	8	5	7			2			04	22	184	000	509	520
1	9915	509		511	26	10	66	8	71	7	8	5	5											
4	9874	501		502	00	00	66	8	71	7	8	5	5											
7	9831	05		04	09	45	00		38	3														
0	9830	05		04	10	42	00		38	3														
3	9860	08		05	15	06	09	8	71	3	8	5	5											
6	9892	06		03	00	00	66	3	01	7	2	5	5	4	0									
9	9925	504		507	03	10	66	1	01	1	1	0	9	4	0									
22	9957	00		504	00	00	66	7	03	1	7	0	9	5	0				09	60	477	004	09	509
1	9962	502		505	18	05	66	7	02	2	7	0	9	3										
4	9960	501		505	00	00	66	7	02	2	7	0	9	3										
7	9935	03		504	19	15	66	8	36	2	8	5	7											
0	9905	00		504	24	08	48	8	70	3	8	0	5	2										
3	9850	15		14	11	43	00		38	7														
6	9822	16		15	11	42	00		38	3														
9	9794	15		14	11	50	00		38	3														
22	9776	15		14	11	18	01	8	73	3	8	0	5	2					11	61	651	003	18	501
1	9769	14		11	18	10	56	8	71	7	8	0	5	2										
4	9764	12		11	18	08	56	8	70	7	8	5	5											
7	9740	14		13	00	00	61	7	70	7	7	5	5											
0	9745	12		07	02	03	65	7	16	7	7	5	5											
3	9758	14		07	03	08	63	7	16	2	7	5	5											
6	9791	09		08	03	13	16	8	71	7	8	5	5											
9	9828	09		08	02	13	56	8	71	7	8	5	5											
22	9839	09		05	02	12	66	8	02	7	8	5	5						02	19	105	007	14	08
1	9845	08		04	36	02	66	8	02	2	8	5	5											
4	9850	08		05	02	10	66	8	02	2	8	5	5											
7	9864	09		04	04	06	66	8	02	2	8	5	5											
0	9862	08		03	04	04	66	8	02	2	8	5	6											
3	9867	10		06	14	09	66	8	02	2	8	5	6											
6	9873	11		06	14	02	66	8	02	2	8	5	6											
9	9890	10		06	03	06	66	8	02	2	8	5	6											
22	9976	07		06	03	07	66	8	02	2	8	5	6						09	28	059	004	11	06
1	9921	09		07	05	03	66	8	71	7	8	5	5											
4	9940	07		05	12	03	66	8	02	2	8	5	5											
7	9945	10		06	10	18	66	7	02	2	4	5	5	7										
0	9947	04		01	05	02	66	3	01	1	3	0	9	7	0									
3	9940	06		03	18	06	66	8	15	2	8	0	9	7			5							
6	9927	08		03	05	06	66	8	02	2	8	0	9	7										
9	9904	12		08	11	40	00	6	38	2	6	0	9	7	0									
22	9870	13		12	10	38	00		38	3									09	46	324	001	24	03

Results of Surface Observations,
WILKES August, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTRE TEMPERA	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	
19	01	9832	16		13	18	08	02	8	56	3	8	5	6											
	04	9783	21		17	09	40	00		38	3														
	07	9786	23		22	09	53	00		38	3														
	10	9817	23		22	09	50	00		38	3														
	13	9843	22		21	09	52	00		38	3														
	16	9872	21		20	10	54	00	6	38	3	6	5	5	0	0									
	19	9901	20		19	09	48	00		38	3														
	22	9931	20		19	09	52	00		38	3									09	76	1382	000	23	
20	01	9917	21		19	10	65	00		39	3														
	04	9905	20		12	10	68	00		39	3														
	07	9994	19		19	16	45	01		38	3														
	10	9995	18		17	18	34	01	8	71	7	8	0	9	2										
	13	9907	17		16	12	76	00		39	7														
	16	9938	17		16	11	68	00		39	3														
	19	9938	17		16	10	60	16	6	36	3	6	5	5	0	0									
	22	9960	17		16	10	53	16	6	36	3	6	5	5	0	0				09	91	1615	000	20	
21	01	9956	16		16	10	52	16	6	36	3	6	5	5	0	0									
	04	9920	16		16	10	64	16	8	36	3	8	5	5											
	07	9900	23		22	15	44	00	5	36	3	5	5	5	0	0									
	10	9822	20		19	10	52	00	7	36	3	7	5	5											
	13	9824	19		18	09	42	00	8	38	3	8	5	5											
	16	9869	17		16	09	43	00	0	38	3	0	0	9	0	0									
	19	9899	20		19	09	41	00	0	36	3	0	0	9	0	0									
	22	9870	25		20	18	06	58	8	02	3	8	5	5						09	76	1128	000	25	
22	01	9820	26		24	11	25	58	8	02	2	8	5	5											
	04	9803	25		24	25	12	02	8	73	2	8	5	5											
	07	9783	31		29	20	07	66	8	02	7	5	5	5	7		2	3							
	10	9795	30		27	18	02	66	7	15	2	6	5	7	7		2	3							
	13	9802	30		19	06	12	66	7	70	7	7	5	7			2								
	16	9834	25		17	05	12	66	7	16	7	7	5	6											
	19	9886	21		20	03	20	32	8	70	7	8	5	5											
	22	9926	22		19	05	28	16	8	36	3	8	5	5						09	43	464	011	33	
23	01	9952	20		10	09	27	00	1	38	3	1	5	5											
	04	9948	24		12	09	29	00		38	3														
	07	9937	24		19	10	33	09	7	38	3	7	5	5											
	10	9920	24		19	10	37	00	7	38	3	7	5	5											
	13	9907	21			18	23	66	6	01	3	5	5	7	4	0	2								
	16	9852	17		04	18	13	66	1	01	1	1	0	9	7	0									
	19	9811	19		502	10	19	66	0	02	0	0	0	9	0	0									
	22	9788	14		502	17	08	66	0	02	0	0	0	9	0	0				12	45	389	006	27	
24	01	9752	15		01	19	17	66	0	02	0	0	0	9	0	0									
	04	9717	21		07	16	12	66	8	02	2	8	5	5											
	07	9699	20		07	14	10	58	7	02	2	7	5	7											
	10	9684	25		11	10	32	61	7	02	2	7	5	6			3								
	13	9665	24		10	12	22	58	7	02	2	7	5	6											
	16	9648	26		12	09	28	66	7	02	2	6	5	6	3		2								
	19	9628	23		18	22	05	66	7	71	2	7	5	6											
	22	9616	25		18	10	40	00	8	38	7	8	5	5						12	73	382	000	29	
25	01	9625	25		18	12	52	00	8	38	3	8	5	5											
	04	9629	25		11	12	15	66	6	01	2	6	5	5	0	0									
	07	9627	19		11	18	15	66	7	02	1	7	0	9	7										
	10	9618	19		04	17	18	66	7	02	2	7	0	9	7										
	13	9587	20		08	36	10	66	7	02	2	1	6	4	7		3								
	16	9579	22		10	11	18	66	7	02	2	7	6	4			2	1	1						
	19	9604	20		09	10	29	00	7	38	3	7	5	6											
	22	9624	22		10	19	14	66	8	02	3	8	5	5						12	67	490	008	26	1
26	01	9635	17		14	16	15	00	8	38	3	8	5	5											
	04	9622	19		12	10	46	00		38	3														
	07	9645	20		09	11	48	66	8	36	3	8	5	5											
	10	9707	23		05	20	28	66	7	14	3	7	5	4			3								
	13	9713	24		12	27	06	66	8	70	7	8	5	5											
	16	9727	23		13	33	10	66	8	02	2	8	5	5											
	19	9746	22		09	12	06	66	8	02	2	8	5	5											
	22	9758	19		07	11	25	66	8	02	2	8	5	5						12	80	642	000	25	16
27	01	9780	20		08	12	06	66	7	02	2	7	5	5											
	04	9794	17		06	13	03	66	7	02	2	7	5	5											
	07	9812	16		05	09	11	66	6	01	1	4	5	7	3	0									
	10	9827	14		04	10	12	66	4	01	1	1	5	5	3	0	8	4							
	13	9842	20		08	00	00	66	7	03	1	7	0	9	5	0		3							
	16	9854	10		02	08	06	66	3	01	1	1	5	5	4	1									
	19	9874	11		01	08	04	66	1	01	1	1	0	9	4	0									
	22	9881	10		00	10	06	66	0	02	1	0	0	9	0	0				12	23	199	002	20	09

Results of Surface Observations,
WILKES August, 1965

STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
9891	11		03	14	02	66	2	03	0	2	0	9	1	0									
9899	11		03	18	04	66	3	02	1	3	0	9	1	0									
9909	10		07	05	07	66	3	02	0	2	5	5	4	0									
9909	11		07	08	04	66	7	03	1	7	5	7			3								
9903	12		10	05	08	66	7	70	7	7	5	7											
9878	12		10	05	02	66	7	02	7	4	5	5	2										
9865	12		10	16	03	66	7	02	2	7	5	6											
9844	11		10	02	06	66	8	70	7	8	5	6						04	12	127	000	13	07
9796	08		06	04	02	60	8	71	7	8	5	6											
9774	08		07	00	00	63	8	02	7	8	5	6											
9756	10		06	27	06	63	8	02	7	8	0	9	2										
9746	10		06	29	06	66	8	02	2	2	5	5											
9746	07		04	07	08	66	7	02	2	7	5	5			3								
9758	12		03	33	04	66	7	02	2	7	5	7											
9784	10		06	04	07	66	8	02	2	8	5	7											
9803	07		01	04	09	66	8	02	2	8	5	7						05	14	141	006	12	05
9823	07		04	02	09	66	8	71	7	8	5	7											
9840	05		01	04	09	66	8	02	7	8	5	7											
9852	07		00	01	06	66	8	02	2	8	5	6			1								
9862	05		01	00	00	66	8	02	7	8	5	7											
9860	05		01	00	00	66	7	22	7	7	5	5											
9860	00		509	08	04	66	5	01	1	5	5	5	0	1	1								
9855	503		506	11	03	66	3	01	1	3	0	9	1	0		2							
9848	05		504	19	05	66	8	02	1	8	5	5						04	13	131	003	07	503
9836	07		501	21	04	66	8	02	2	8	5	5											
9828	01		505	15	02	66	1	01	1	1	5	5	0										
9828	01		503	05	13	66	2	02	1	2	0	9	3	0									
9826	05		01	05	10	66	3	03	1	1	5	5	3	0									
9830	501		505	05	05	66	5	02	1	5	0	9	3	0									
9835	501		505	12	02	66	7	03	1	7	5	6	0	0									
9834	05		00	13	07	66	2	01	1	2	0	9	1	0									
9837	503		506	12	13	66	3	03	1	3	5	6	0	0				05	16	187	003	07	505

Results of Surface Observations,
WILKES September, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURE	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	Statutes	Points	°F	
01	01	9840	505		508	10	04	66	2	01	1	2	5	6	0	0									
	04	9839	505		508	12	08	66	1	01	1	1	5	6	0	0									
	07	9842	501		508	00	00	66	5	03	1	5	0	9	3	0									
	10	9839	502		507	17	04	66	2	01	1	2	0	9	3	0	1	8							
	13	9834	502		513	00	00	66	1	02	1	1	0	9	1	0		1							
	16	9832	505		512	13	04	66	3	02	1	1	5	4	4	2	0	0							
	19	9831	505		515	05	04	66	0	02	0	0	0	9	0	0									
	22	9825	506		517	12	03	66	0	02	0	0	0	9	0	0				13	12	119	000	00	50
02	01	9823	506		513	18	03	66	0	02	0	0	0	9	0	0									
	04	9823	503		508	08	01	66	0	02	0	0	0	9	0	0									
	07	9836	503		508	04	04	66	5	03	1	5	5	5	0	0	0								
	10	9830	00		-507	06	04	66	6	02	2	6	5	7	0	0	8								
	13	9831	00		506	05	06	66	5	01	2	5	5	6	0	0	8								
	16	9835	501		506	05	12	66	1	01	1	1	1	4	0	1	1		0						
	19	9838	503		508	05	14	66	0	02	0	0	0	9	0	0									
	22	9837	505		509	06	13	66	0	02	0	0	0	9	0	0				04	18	200	000	01	50
03	01	9845	506		509	03	10	66	0	02	0	0	0	9	0	0									
	04	9855	507		510	04	12	66	0	02	0	0	0	9	0	0									
	07	9864	506		509	05	14	66	7	03	1	7	5	6			1								
	10	9878	504		507	05	14	66	8	02	2	8	5	5			1								
	13	9893	504		506	04	16	66	8	02	2	8	5	5			1								
	16	9910	505		508	04	14	66	7	02	2	7	5	5			1								
	19	9927	508		511	05	13	66	7	02	2	7	5	5			1								
	22	9939	507		511	03	06	66	7	02	2	7	5	5			1			05	22	535	000	504	50
04	01	9947	507		509	13	02	66	8	02	2	8	5	5			1								
	04	9946	595		508	18	05	66	8	02	2	8	5	5											
	07	9949	505		507	00	00	66	8	02	2	8	5	5			0								
	10	9948	504		507	10	02	66	8	70	7	8	5	5			8								
	13	9942	504		510	16	06	66	8	02	7	8	5	5			7								
	16	9934	505		512	05	10	66	8	02	2	8	5	5			0								
	19	9927	507		510	06	10	66	8	02	2	8	5	5											
	22	9912	508		512	18	09	66	1	01	1	1	5	5	0	0				18	14	114	000	504	51
05	01	9891	512		516	20	10	66	0	02	0	0	0	9	0	0									
	04	9868	511		515	21	10	66	0	02	0	0	0	9	0	0									
	07	9855	510		514	00	00	66	1	02	0	1	5	5	0	0									
	10	9840	504		514	18	02	66	1	02	1	1	5	5	0	0	0								
	13	9823	05		509	21	06	66	5	03	1	0	0	9	0	6			8						
	16	9810	06		508	21	06	66	6	02	1	0	0	9	0	8									
	19	9800	04		508	00	00	66	6	02	1	1	5	5	0	6	0		8						
	22	9779	00		508	03	06	66	3	01	1	3	0	9	3	0		7		20	14	097	002	08	51
06	01	9766	502		508	05	10	66	3	03	1	1	0	9	3	5		0	0						
	04	9771	00		509	20	06	66	5	03	1	5	0	9	3	0		1							
	07	9773	504		510	05	08	66	2	01	1	2	0	9	3	0		1							
	10	9781	502		506	06	07	66	2	02	1	2	0	9	5	1		1	2						
	13	9790	00		504	06	07	66	2	02	0	2	0	9	5	1		0	0						
	16	9800	00		505	07	06	66	2	02	1	2	0	9	5	0		1							
	19	9815	00		506	07	02	66	4	03	1	4	0	9	3	0		1							
	22	9824	501		509	11	06	66	1	01	1	1	0	9	4	0		0		27	13	126	000	08	50
07	01	9830	502		510	00	00	66	0	01	0	0	0	9	0	0									
	04	9844	501		508	05	09	66	0	02	0	0	0	9	0	0									
	07	9871	500		504	36	07	66	8	03	1	0	0	9	0	7									
	10	9886	501		505	00	00	66	6	01	1	5	0	9	7	8		2							
	13	9889	00		505	07	04	66	8	05	1	0	0	9	0	7									
	16	9885	00		503	11	04	66	8	05	2	0	0	9	0	7									
	19	9880	505		508	11	06	66	2	01	2	0	0	9	0	8			8						
	22	9861	504		505	00	00	66	0	01	1	0	0	9	0	0				07	22	105	000	04	50
08	01	9844	505		510	18	03	66	0	02	0	0	0	9	0	0									
	04	9815	505		510	18	06	66	3	03	1	0	0	9	0	5									
	07	9770	504		508	22	07	66	0	01	1	0	0	9	0	0									
	10	9714	505		511	19	08	66	0	02	0	0	0	9	0	0									
	13	9658	05		503	19	04	66	1	03	0	0	0	9	0	8			2						
	16	9570	09		02	18	03	66	6	03	1	0	0	9	0	6			2						
	19	9521	08		05	18	04	66	7	03	2	7	5	6											
	22	9472	09		04	00	00	66	8	02	2	8	5	6						18	14	113	000	15	50
09	01	9465	08		07	05	09	48	8	71	7	8	5	6			1								
	04	9459	10		09	05	04	16	8	71	7	8	5	6											
	07	9466	05		04	32	08	16	8	70	7	8	5	5											
	10	9470	01		503	31	08	16	8	70	7	8	5	4											
	13	9467	00		504	33	08	66	8	70	7	8	5	5											
	16	9478	00		504	01	07	66	8	02	7	8	5	5											
	19	9500	00		502	04	11	66	8	02	2	8	5	5											
	22	9525	00		502	03	14	61	8	70	2	8	5	5						04	19	200	027	12	00

Results of Surface Observations.
WILKES September, 1965

HOUR	STATION LEVEL PRESSURE	TEMPERATURES: DRY BULB	TEMPERATURES: WET BULB	TEMPERATURES: DEW POINT	SURFACE WIND: DIRECTION	SURFACE WIND: 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	9569	01		00	05	17	61	8	70	7	8	5	5											
04	9627	03		02	04	13	16	8	71	7	8	5	5											
07	9684	05		04	04	24	09	8	36	7	8	5	5											
10	9743	06		05	05	21	03	8	71	7	8	5	5											
13	9781	07		06	07	21	16	8	36	7	8	5	5											
16	9809	08		04	06	16	66	8	02	3	8	5	5											
19	9831	03		00	06	07	66	5	01	1	5	5	6	0	0	2								
22	9839	03		502	00	00	66	7	03	1	7	5	5	0	0	2			02	31	376	025	08	00
01	9838	00		505	00	00	66	1	01	1	1	0	9	4	0		0							
04	9833	503		507	13	10	66	2	03	1	2	0	9	4	0		0							
07	9842	00		507	00	00	66	2	02	1	1	5	4	4	8		1	8						
10	9830	501		505	00	00	66	8	03	1	2	0	9	5	7		1							
13	9818	01		504	00	00	66	7	02	1	7	0	9	7										
16	9810	501		503	03	03	24	8	71	2	8	5	6											
19	9805	00		502	06	04	16	8	71	7	8	0	5	2										
22	9785	02		00	21	06	66	7	02	7	7	5	5						18	13	198	005	04	506
01	9764	04		00	16	10	66	8	02	2	8	5	5											
04	9726	503		505	20	06	66	7	01	2	2	0	9	4	6		8							
07	9678	08		04	23	05	63	8	16	2	2	0	9	4	6	9	8							
10	9611	10		09	11	41	00	8	38	7	8	5	5			2								
13	9557	12		11	11	52	00		38	3														
16	9525	13		12	12	53	00		38	3														
19	9514	14		13	11	52	00		38	3														
22	9535	18			21	10	66	8	02	3	8	5	5			1			11	64	737	005	18	503
01	9555	14			13	05	66	3	01	2	1	5	5	1	0	1	8							
04	9564	10		08	04	10	66	2	01	1	2	0	9	1	0		1							
07	9585	09		04	05	08	66	4	03	1	2	5	4	4	1									
10	9600	09		01	04	10	66	4	02	1	4	3	6	0	0	2								
13	9618	08		04	04	14	66	3	01	1	2	5	5	0	5	2								
16	9640	08		07	05	18	66	7	70	2	7	5	5			2								
19	9676	02		00	01	12	66	8	02	2	8	5	5			1								
22	9701	502		505	36	11	66	8	02	2	5	5	5	3		0	1		02	23	251	000	14	507
01	9725	507		509	03	11	66	0	01	1	0	0	9	0	0									
04	9739	508		509	04	14	66	1	03	0	1	5	4	0	0	2								
07	9759	507		510	04	13	66	5	03	2	5	5	5	0	0	2								
10	9780	507		511	05	12	66	6	03	2	6	0	9	5	0	2								
13	9796	505		508	05	11	66	7	02	2	7	5	5			0								
16	9806	503		504	05	02	66	7	02	2	7	5	5	1	1	0								
19	9823	505		506	10	04	66	6	02	2	3	5	5	3	0	2	1							
22	9831	508		510	18	06	66	1	01	1	1	5	5	0	0				02	17	204	001	502	509
01	9834	505		507	16	10	66	3	03	1	3	0	9	3	0									
04	9836	505		507	18	04	66	3	03	1	1	5	5	3	0	2								
07	9846	508		509	23	06	66	2	02	0	0	0	9	0	5									
10	9852	512		516	20	13	66	3	02	0	0	0	9	0	5									
13	9853	510		512	19	11	66	7	03	1	0	0	9	0	6			3						
16	9861	511		514	18	10	58	1	40	1	1	6	4	0	0	0								
19	9866	510		515	19	15	63	1	02	1	1	5	4	0	0	0								
22	9877	510		517	18	22	66	0	02	0	0	0	9	0	0				8	30	250	000	504	513
01	9889	508		513	19	17	66	1	02	0	1	5	5	0	6	3								
04	9910	508		515	18	12	66	0	01	0	0	0	9	0	0									
07	9924	505		514	17	17	66	8	03	1	0	0	9	0	7									
10	9933	00		516	18	12	66	8	02	2	0	0	9	0	7									
13	9941	04		510	18	08	66	2	01	2	0	0	9	0	8									
16	9944	08		515	19	04	66	1	02	0	0	0	9	0	6									
19	9940	03		514	00	00	66	1	02	0	1	5	5	0										
22	9924	503		517	18	06	66	0	02	0	0	0	9	0	0				18	27	252	000	09	510
01	9887	502		512	18	18	66	0	02	0	0	0	9	0	0									
04	9855	04		509	24	10	66	0	02	0	0	0	9	0	0									
07	9840	505		513	20	15	66	0	40	0	0	0	9	0	0									
10	9802	501		509	18	14	66	0	40	0	0	0	9	0	0									
13	9771	02		507	00	00	66	0	02	0	0	0	9	0	0									
16	9744	505		512	17	14	66	6	03	1	6	5	5	0	0	8								
19	9727	504		509	18	07	66	7	02	2	7	5	4			1								
22	9738	509		511	02	12	66	8	02	2	8	5	5			1			18	20	206	000	10	510
01	9756	510		511	14	09	56	8	77	7	8	5	5											
04	9784	514		515	09	26	00	8	38	3	8	5	5											
07	9808	513			36	05	66	2	01	1	1	5	4	0	8	2		1						
10	9824	510		523	16	08	66	2	03	1	1	5	5	0	8									
13	9834	508		515	15	04	66	7	15	2	1	5	5	0	6	0		6						
16	9840	510		515	00	00	66	7	02	2	1	5	5	3		0	6							
19	9847	511		515	09	06	66	7	02	2	7	0	9	3			7							
22	9848	511		515	14	04	66	2	01	1	2	0	9	3	0				18	39	192	004	508	515

Results of Surface Observations,
WILKES September, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURE	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	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	9847	508		517	14	04	66	0	01	0	0	0	9	0	0									
	04	9851	512		517	05	05	66	5	03	1	5	5	5	0	0									
	07	9854	510		518	13	03	66	8	03	1	1	5	5	0	7									
	10	9857	505		511	12	01	66	8	02	2	1	5	5	0	7									
	13	9867	507		512	08	02	66	8	01	1	1	5	5	0	7									
	16	9882	509		513	04	07	66	3	03	1	1	5	5	0	8									
	19	9889	510		514	04	09	66	3	03	1	3	5	5	0	0			8						
	22	9903	507		510	19	05	66	6	03	1	6	5	5	0	0				12	12	120	000	504	513
20	01	9914	508		510	35	05	66	3	01	1	3	5	5	0	0									
	04	9916	509		513	04	05	66	7	03	2	7	5	5											
	07	9922	512		519	10	05	66	1	01	1	1	5	4	0	0									
	10	9918	507		517	05	02	66	6	03	1	1	5	4	0	8			7						
	13	9907	506		512	18	04	66	3	03	1	1	1	5	0	8									
	16	9890	506		513	17	08	66	2	01	1	0	0	9	0	5			0						
	19	9870	505		514	16	07	66	1	02	1	1	5	5	0	0									
	22	9857	504		511	18	11	66	6	03	2	6	5	5	0	0				18	16	104	000	00	513
21	01	9836	00		506	11	06	66	3	01	1	3	5	5	0	0									
	04	9820	09		07	11	05	01	8	73	2	8	5	4											
	07	9808	09		03	18	10	66	7	02	7	7	5	5	1	1	1								
	10	9755	10		09	10	55	00		38	7														
	13	9747	11		10	13	64	00	8	38	3	8	5	5											
	16	9740	15		14	13	57	00	8	38	3	8	5	5											
	19	9777	20		08	13	40	02	8	36	3	8	5	5											
	22	9750	20		12	12	63	32	8	36	3	8	5	5						13	79	945	009	22	503
22	01	9759	19		13	11	53	02	8	36	3	8	5	5											
	04	9767	19		10	11	58	02	8	36	3	8	5	5											
	07	9784	13		03	11	58	58	8	36	3	2	5	4	7										
	10	9798	16		05	12	50	58	8	02	3	8	5	4											
	13	9823	17		03	12	34	63	7	02	2	6	5	4	7										
	16	9829	19		05	19	22	61	8	02	2	5	5	4	7										
	19	9806	18		03	12	47	61	8	02	2	8	5	5											
	22	9809	16		02	12	50	05	8	36	2	8	5	5						11	69	1091	004	20	13
23	01	9830	17		00	18	14	66	8	02	3	8	0	9	7										
	04	9831	16		501	10	13	66	8	02	2	8	0	9	7										
	07	9834	12		501	18	06	66	5	01	2	5	0	9	4	0									
	10	9839	14		00	06	08	66	5	02	1	5	0	9	7	0									
	13	9837	15		03	36	03	66	7	03	1	1	5	4	4	7									
	16	9837	11		04	06	08	66	8	02	2	1	5	5	4	7									
	19	9840	08		503	05	05	66	5	01	2	5	0	9	7	0									
	22	9840	04		505	07	04	66	3	01	1	3	0	9	7	0				14	35	157	000	18	501
24	01	9832	501		507	18	05	66	2	01	1	2	0	9	7	0									
	04	9822	502		509	18	07	66	5	03	1	4	5	5	0	2									
	07	9811	502		509	18	10	66	7	03	2	7	0	9	5										
	10	9801	01		507	17	07	66	4	01	2	4	0	9	5	0									
	13	9788	06		502	17	06	66	4	02	2	4	0	9	7	0									
	16	9789	06		503	00	00	66	6	03	2	6	0	9	5	0									
	19	9785	04		503	07	08	66	5	01	1	5	0	9	3	0									
	22	9782	03		506	07	03	66	6	03	1	6	0	9	7	0				09	12	104	000	07	503
25	01	9781	03		506	04	03	66	5	02	1	5	0	9	7	0									
	04	9787	01		505	06	02	66	3	01	1	3	5	5	0	0									
	07	9789	02		503	36	02	66	5	15	1	5	5	5	0	0									
	10	9796	05		01	18	02	66	2	71	1	2	0	9	7	0									
	13	9800	09		05	02	08	66	7	70	7	1	1	4	7										
	16	9805	07		05	02	10	66	7	02	2	3	8	4	7										
	19	9811	08		05	02	09	66	7	02	2	7	0	5	2										
	22	9811	08		04	02	15	66	8	02	7	8	0	5	2					02	20	155	000	09	00
26	01	9816	05		02	02	13	66	8	02	2	8	5	5											
	04	9818	05		02	02	08	66	8	02	2	8	5	5											
	07	9823	06		02	22	02	66	8	15	2	8	5	5											
	10	9823	07		02	00	00	66	7	70	2	7	5	5											
	13	9812	07		03	17	04	66	8	02	2	8	5	4											
	16	9802	07		03	10	02	66	8	02	2	8	5	4											
	19	9794	05		01	04	06	66	8	02	2	8	5	5											
	22	9775	01		502	08	06	66	0	01	1	0	0	9	0	0				36	18	129	002	07	01
27	01	9770	05		02	04	04	66	8	03	1	8	5	5											
	04	9770	08		06	31	11	66	8	70	7	8	5	5											
	07	9769	05		501	31	10	66	7	01	7	7	5	5											
	10	9766	05		01	33	13	66	7	02	2	7	5	5											
	13	9754	05		02	34	08	66	8	02	2	8	5	5											
	16	9751	05		00	29	04	66	8	02	2	8	5	5											
	19	9739	04		503	28	08	48	8	71	7	8	5	5											
	22	9739	03		505	29	13	48	8	71	7	8	5	5						34	20	199	004	08	00

Results of Surface Observations,
WILKES September, 1965

AL ARD E HOUR	STATION LEVEL PRESSURE	TEMPERATURES DRY BULB	TEMPERATURES WET BULB	TEMPERATURES DEW POINT	SURFACE WIND DIRECTION	SURFACE WIND 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	9741	00		504	31	08	66	2	01	7	2	5	5	0	0									
04	9749	502		505	03	10	66	8	02	2	8	5	5											
07	9758	505		507	07	08	66	6	01	2	6	5	5	0	0									
10	9772	504		509	05	06	66	4	01	1	4	5	5	0	0									
13	9790	502		506	04	06	66	1	01	1	1	1	4	0	0									
16	9812	503		508	00	00	66	1	02	0	1	1	4	0	0									
19	9833	507		512	13	04	66	1	02	0	1	1	4	0	0									
22	9856	508		513	19	05	66	0	01	0	0	0	9	0	0				31	15	166	009	02	509
01	9880	505		512	16	11	66	0	02	0	0	0	9	0	0									
04	9905	503		506	16	15	66	6	03	2	6	3	5	0	0									
07	9930	507		510	18	15	63	1	40	1	1	5	5	0	0									
10	9949	501		506	18	10	66	1	05	1	1	5	5	0	0									
13	9959	02		503	19	07	66	0	01	0	0	0	9	0	0									
16	9970	00		505	17	08	66	0	02	0	0	0	9	0	0									
19	9970	503		508	15	05	66	0	02	0	0	0	9	0	0				18	25	225	000	02	507
22	9966	504		510	17	07	66	0	02	0	0	0	9	0	0									
01	9957	505		511	18	03	66	0	02	0	0	0	9	0	0									
04	9941	505		513	00	00	66	3	03	1	3	5	5	0	0									
07	9925	02		506	00	00	66	7	03	2	7	0	9	7										
10	9914	05		504	21	02	66	8	03	2	8	0	9	1										
13	9905	11		05	26	04	66	8	02	2	8	0	9	1										
16	9895	15		06	09	12	66	8	02	2	8	0	9	1										
19	9892	14		09	00	00	66	8	02	2	8	0	9	1					09	17	103	000	18	507
22	9883	14		06	16	08	66	8	02	2	8	0	9	1										

Results of Surface Observations,
WILKES October, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURE	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	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	9873	16		11	20	08	66	8	02	2	8	0	9	1										
	04	9861	13		05	20	06	66	8	02	2	8	0	9	2										
	07	9848	18		09	07	08	66	7	02	2	7	0	9	7	8									
	10	9853	22		10	18	10	63	8	14	2	4	5	7	2										
	13	9833	19		16	18	12	63	8	70	7	8	0	9	2										
	16	9832	20		13	15	10	66	8	02	2	2	5	6	2										
	19	9837	19		11	13	05	66	8	02	2	8	0	9	1										
	22	9842	20		12	16	08	66	8	02	2	8	0	9	1					07	19	160	000	22	13
02	01	9852	19		11	09	02	66	8	02	2	8	0	9	2										
	04	9866	19		13	16	05	66	8	70	7	8	5	6											
	07	9887	20		15	18	10	58	8	70	7	8	5	5											
	10	9903	18		14	16	08	66	7	02	2	7	5	6											
	13	9928	21		19	00	00	58	8	70	2	8	5	7											
	16	9949	22		19	36	04	24	8	73	7	8	5	7											
	19	9973	19		16	00	00	66	7	02	7	7	5	5											
	22	9987	19		15	00	00	66	8	02	2	8	5	5						18	15	106	004	23	17
03	01	9996	17		14	00	00	66	8	02	2	8	5	5											
	04	9998	17		15	00	00	66	8	02	2	8	5	5											
	07	9998	16		15	00	00	66	8	02	2	3	5	5	2										
	10	9987	18		15	13	02	66	7	01	2	3	5	7	3										
	13	9972	17		16	20	02	66	7	02	2	7	0	9	7										
	16	9968	15		08	00	00	66	6	01	2	6	0	9	3	0									
	19	9963	08		02	08	02	66	2	01	1	2	0	9	3	0									
	22	9966	09		01	06	04	66	0	02	1	0	0	9	0	0				18	10	066	009	20	02
04	01	9974	02		501	06	02	66	0	02	0	0	0	9	0	0									
	04	9990	01		501	04	04	66	1	03	0	1	0	9	2	0		1							
	07	10004	503		505	04	02	02	0	44	0	0	0	9	0	0									
	10	10016	03		01	05	04	66	1	40	0	1	5	5	0	0									
	13	10028	11		08	23	02	66	3	02	0	1	5	5	0	5									
	16	10033	08		05	00	00	66	7	03	2	7	5	5			2								
	19	10036	11		09	00	00	66	7	02	2	7	5	5											
	22	10036	09		06	13	08	66	8	02	2	8	5	5			2			36	12	084	000	13	503
05	01	10026	08		07	14	12	66	8	02	2	8	5	5			2								
	04	10004	04		02	18	08	66	8	02	2	8	5	5			2								
	07	9980	06		501	21	03	66	8	02	2	8	5	5			2								
	10	9949	10		08	18	10	66	7	01	2	5	5	5	7		2	2							
	13	9933	12		04	14	06	66	8	02	2	8	0	5	2		2								
	16	9891	19		15	09	28	58	8	36	2	8	5	5			2								
	19	9852	18		17	10	42	00	8	38	3	8	5	5											
	22	9765	17		16	10	56	00		38	3									09	78	668	000	23	03
06	01	9702	17		16	10	60	00		39	3														
	04	9651	17		16	10	58	00		38	3														
	07	9647	19		18	09	40	00		38	3														
	10	9658	21			07	26	66	8	02	3	8	5	5			2								
	13	9651	21		20	05	18	32	8	73	2	8	0	5	2										
	16	9630	21		20	06	26	01	8	36	7	8	5	5			1								
	19	9629	22		21	06	23	48	8	36	3	8	5	5			1								
	22	9639	21		20	05	22	09	8	73	7	8	5	5						09	85	832	000	23	16
07	01	9653	21		20	05	19	09	8	73	7	8	5	5											
	04	9681	19		17	03	18	03	8	75	7	8	0	5	2										
	07	9694	20		19	31	19	07	8	73	7	8	0	5	2		7								
	10	9716	18		17	30	19	16	8	36	7	8	5	5			7								
	13	9727	18		17	31	20	16	8	36	3	8	5	5			7								
	16	9736	17		15	30	12	66	8	23	3	8	5	5			7								
	19	9739	16		15	30	18	58	8	36	3	8	5	5			6								
	22	9722	16		15	31	13	66	8	02	2	8	5	5			6			05	28	438	062	20	11
08	01	9700	11		10	05	11	66	8	02	2	8	5	5			7								
	04	9662	12		10	09	08	66	8	02	2	8	5	5			1								
	07	9643	06		02	12	13	66	5	01	2	5	5	5	0	0	3								
	10	9609	13			18	10	66	7	03	2	5	5	5	0	1									
	13	9582	14		08	00	00	66	6	01	2	3	0	9	7	1									
	16	9571	15		07	17	04	66	8	03	2	2	5	5	3	6	0	2	2						
	19	9562	10		03	11	17	66	7	02	2	1	5	5	4	1	0	2	2						
	22	9548	02		504	00	00	66	7	01	2	0	0	9	0	6			0	09	21	176	017	18	00
09	01	9546	04		502	18	03	66	0	02	1	0	0	9	0	0									
	04	9557	501		511	18	03	66	0	02	0	0	0	9	0	0									
	07	9561	06		501	00	00	66	1	03	0	1	5	5	0	0	0								
	10	9570	05		01	05	09	66	0	02	0	0	0	9	0	0									
	13	9592	09		08	05	14	66	1	03	0	1	6	4	0	0	1								
	16	9601	12		11	32	15	66	7	03	1	7	5	4			8								
	19	9626	05		04	03	14	66	5	01	1	5	5	4	0	0	1								
	22	9647	04		03	05	13	66	3	01	1	3	5	5	0	0	1			31	21	201	000	14	503

Results of Surface Observations,
WILKES October, 1965

CAL DARD ME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
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	9662	503		504	04	09	66	1	01	1	1	0	9	4	0	1								
04	9681	507		508	05	10	66	2	03	0	0	0	9	0	5			1						
07	9694	503		504	02	08	66	7	03	1	1	6	4	4	6	0	0	7						
10	9698	04		01	03	06	66	6	01	2	1	5	5	0	6	0		3						
13	9696	04		01	16	09	48	8	70	2	8	5	5											
16	9693	05		03	19	04	48	8	70	7	8	5	5											
19	9681	10		09	23	06	66	8	02	7	8	5	5											
22	9670	12		10	19	05	66	8	02	2	8	5	5						36	17	165	000	12	509
01	9659	12		09	19	05	66	8	02	2	8	5	5											
04	9656	14		11	14	05	66	7	02	2	7	5	5											
07	9667	12		06	05	06	66	6	01	2	6	5	5	0	0	0								
10	9667	16		11	00	00	66	6	01	1	1	5	5	0	2									
13	9671	15		11	05	07	66	7	03	2	2	5	5	0	2									
16	9677	12		10	04	08	63	7	05	2	6	5	4	0	1	8		1						
19	9676	07		04	07	10	66	5	01	2	2	8	4	0	2	0		8						
22	9675	11		10	03	10	66	8	03	1	8	5	5			1			09	14	062	003	16	07
01	9674	12		11	03	02	66	8	73	7	8	5	5			9								
04	9674	09		08	09	04	66	7	71	7	7	5	5			2								
07	9674	03		02	04	11	66	7	02	7	7	5	5			2								
10	9673	06		04	05	09	66	1	01	2	1	5	5	0	0	1								
13	9667	09		06	06	08	66	8	03	1	8	5	5			1								
16	9667	07		05	07	08	66	7	15	2	7	5	5			1								
19	9673	00		503	04	10	66	1	01	2	1	5	5	0	0	1								
22	9681	505		512	09	09	66	2	03	1	2	5	5	0	0	0			03	16	200	003	13	505
01	9690	501		506	06	03	66	1	01	1	1	0	7	7	0		2							
04	9702	506		513	11	04	66	1	03	1	1	5	5	4	0									
07	9710	502		508	00	00	66	1	01	1	1	5	5	0	0									
10	9709	04		501	00	00	66	1	02	0	1	5	5	0	0	1								
13	9707	07		04	10	04	66	6	03	1	6	5	5	0	0	7								
16	9708	07		04	07	05	66	7	03	2	7	5	5			6								
19	9712	501		503	09	06	66	2	01	1	2	5	5	0	0	6			09	11	031	000	09	506
22	9711	503		504	18	03	66	0	02	1	0	0	9	0	0									
01	9710	505		512	10	03	66	0	02	0	0	0	9	0	0									
04	9717	506		509	00	00	66	0	02	0	0	0	9	0	0									
07	9725	502		508	00	00	66	0	02	0	0	0	9	0	0									
10	9736	02		503	15	04	66	1	03	0	1	6	4	0	0	0								
13	9745	09		503	00	00	66	0	02	0	0	0	9	0	0									
16	9746	06		502	19	08	66	0	02	0	0	0	9	0	0									
19	9740	00		504	17	26	63	0	36	0	0	0	9	0	0									
22	9743	501		505	18	22	66	0	02	0	0	0	9	0	0				18	31	126	000	09	509
01	9754	504		510	18	03	66	0	02	0	0	0	9	0	0									
04	9747	509		515	16	03	66	0	02	0	0	0	9	0	0									
07	9734	506		511	18	11	63	2	40	0	1	5	5	0	5									
10	9724	02		505	18	03	66	2	02	0	1	5	5	0	5									
13	9711	03		505	17	07	66	1	01	0	1	5	5	0	5									
16	9669	05		501	17	08	66	1	02	0	1	5	5	0	5									
19	9672	01		507	18	03	66	0	02	0	0	0	9	0	0									
22	9691	505		509	05	05	66	0	02	0	0	0	9	0	0				18	15	155	000	05	509
01	9691	505		508	09	05	66	0	02	0	0	0	9	0	0									
04	9709	504		509	09	08	66	0	02	0	0	0	9	0	0									
07	9712	02		505	18	08	66	3	03	1	3	0	9	7	9		8	2						
10	9685	13		08	12	20	48	8	36	1	8	5	5			2								
13	9663	12		11	11	43	00	8	38	3	8	5	5			2								
16	9649	14		13	11	48	00	8	38	3	8	5	5			2								
19	9653	14		13	10	40	00	8	38	3	8	5	5			2								
22	9683	20		17	14	07	66	8	02	2	8	5	5						16	67	562	000	20	505
01	9692	17			18	03	66	8	02	2	8	5	5											
04	9704	16			02	02	66	8	02	2	8	5	5											
07	9687	14		11	02	03	66	8	02	2	8	5	5											
10	9679	15		08	04	06	66	8	02	2	8	5	6											
13	9673	17		14	05	04	58	8	02	2	8	6	5											
16	9671	17		16	05	05	58	8	71	7	8	5	5											
19	9676	16		15	05	07	58	8	71	7	8	5	5						34	16	138	000	18	14
22	9683	18		13	33	10	58	8	26	7	8	5	5											
01	9686	15		11	03	10	58	8	70	7	8	5	5											
04	9689	14		11	03	07	58	8	72	7	8	5	5											
07	9691	14		12	07	08	63	8	71	7	8	5	5											
10	9691	16		11	06	08	32	8	70	7	8	0	9	1										
13	9687	15		13	06	04	32	8	70	7	8	0	9	1										
16	9681	13		11	02	04	32	8	70	7	8	0	9	1			0							
19	9673	10		03	09	06	66	8	02	7	8	5	5			3								
22	9663	06		01	12	07	66	3	70	7	3	5	5			2			09	15	168	008	16	04

Results of Surface Observations,
WILKES October, 1965

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND							LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATUR	
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	9656	06		00	08	05	66	3	02	1		3	5	5											
	04	9662	10		06	15	04	58	8	73	7		8	5	5			8								
	07	9672	14		04	18	12	66	8	02	2		8	5	5			2								
	10	9683	15		06	19	07	48	8	70	3		8	0	7	2		2	0	1						
	13	9696	16		12	19	13	48	8	02	7		8	0	8	2										
	16	9703	17		08	09	04	66	8	01	2		8	5	6			3								
	19	9716	15		07	01	06	66	7	02	2		7	5	6			2								
	22	9730	13		10	00	00	66	7	02	2		7	5	5						09	25	186	007	17	06
20	01	9743	13		08	10	08	66	7	01	2		3	5	5	0	6									
	04	9752	11		08	18	02	66	7	02	2		7	5	5											
	07	9771	10		06	18	04	66	7	02	2		7	5	5			1								
	10	9781	13		08	21	04	66	4	01	1		1	5	5	2	0									
	13	9787	16		08	27	04	66	6	03	1		4	8	5	7	0	6								
	16	9794	17		10	34	10	66	5	01	1		5	5	5	0	0	7								
	19	9809	10		03	01	07	66	1	01	1		1	5	5	0	0	7								
	22	9827	05		01	03	08	66	1	03	1		1	5	5	4	0	0	0		36	15	155	002	17	05
21	01	9847	05		01	04	08	66	1	01	1		1	5	5	0	0	0								
	04	9872	05		00	18	03	66	1	02	0		1	5	5	0	0	9								
	07	9892	05		01	18	06	66	5	03	1		5	5	5	7	0	2								
	10	9901	09		04	19	03	66	3	01	1		3	5	5	0	0	1								
	13	9909	10		02	18	04	66	1	01	1		1	5	5	0	0	0								
	16	9907	10		01	15	04	66	1	02	0		1	1	5	0	0	0								
	19	9898	05		501	04	09	66	3	03	1		3	5	5	0	0	6								
	22	9891	03		505	08	10	66	1	01	1		1	5	5	0	0				09	12	105	000	11	01
22	01	9892	01		507	09	09	66	6	03	1		6	5	5	0	0									
	04	9886	00		505	09	08	66	1	01	1		1	5	5	0	0									
	07	9882	05		508	09	04	66	1	03	0		0	0	9	0	5									
	10	9872	08		505	19	06	66	3	03	1		0	0	9	0	5									
	13	9865	10		508	19	06	66	2	01	1		0	0	9	0	6									
	16	9857	10		504	15	04	66	7	03	1		0	0	9	0	6									
	19	9856	07		503	08	04	66	7	02	2		0	0	9	0	6									
	22	9854	11		502	16	06	66	2	01	1		0	0	9	0	5				16	47	154	000	12	501
23	01	9840	10		07	11	36	48	7	36	3		7	5	6											
	04	9842	11		10	11	42	01	7	38	3		7	5	6											
	07	9860	14		13	11	30	32	6	36	3		5	5	6	0	5									
	10	9869	21		11	17	08	66	6	15	3		6	0	8	3	0									
	13	9863	20		10	31	05	63	8	71	7		8	0	8	3										
	16	9859	17		10	11	22	66	8	36	7		8	5	6											
	19	9844	16		07	04	10	66	5	03	3		5	5	5	0	9									
	22	9843	15		08	08	14	66	7	03	1		3	5	5	0	7				09	50	431	000	22	09
24	01	9827	15		07	11	08	66	7	02	2		3	5	5	0	7									
	04	9840	16		13	04	06	08	8	71	7		8	0	5	2										
	07	9833	18		15	09	12	48	8	71	7		8	0	5	2										
	10	9831	17		15	17	09	48	8	71	7		8	5	5											
	13	9839	19		13	18	03	66	7	01	7		7	5	5											
	16	9833	21		15	30	04	66	7	02	2		7	5	5											
	19	9837	14		11	03	09	66	7	02	2		2	5	5	4	8									
	22	9841	13		08	00	00	66	6	03	2		4	5	5	5	7				18	32	169	010	21	10
25	01	9842	10		06	13	07	66	4	01	1		3	5	5	5	7									
	04	9850	11		04	09	03	66	6	03	1		4	5	5	7	0									
	07	9856	14		05	05	05	66	5	01	1		1	5	5	2	0									
	10	9868	20		08	08	01	66	6	03	1		6	0	9	2	0									
	13	9879	21		06	31	03	66	4	01	1		2	0	9	1	8									
	16	9883	19		05	15	06	66	1	01	1		1	0	9	4	0									
	19	9884	12		05	12	07	66	1	03	1		1	0	9	4	2									
	22	9886	11		03	05	10	66	1	02	0		1	0	9	4	0				09	18	078	005	21	09
26	01	9880	13		05	07	11	66	1	02	0		1	0	9	4	0									
	04	9874	09		01	13	03	66	0	02	0		0	0	9	0	0									
	07	9847	12		04	22	06	66	0	02	0		0	0	9	0	0									
	10	9804	15		07	14	07	66	0	02	0		0	0	9	0	0									
	13	9764	15		08	03	09	66	0	02	0		0	0	9	0	0									
	16	9738	15		09	04	10	66	1	03	0		0	0	9	0	1			0						
	19	9728	12		07	06	13	66	1	02	0		0	0	9	0	1			0						
	22	9739	10		05	06	12	66	1	02	0		0	0	9	0	1			0	07	18	201	000	18	05
27	01	9756	08		03	05	07	66	5	03	1		5	5	6	0	0	3								
	04	9766	10		06	05	02	66	8	70	2		8	5	6			3								
	07	9777	12		07	07	04	66	3	01	1		2	5	5	5	1									
	10	9794	15		11	01	06	66	7	03	1		7	5	5			8								
	13	9802	16		12	03	12	66	7	02	2		7	8	4											
	16	9836	15		13	02	20	66	6	36	2		2	5	4	3	1	1	1	2						
	19	9871	13		05	06	23	66	2	36	3		1	5	4	4	1	1								
	22	9888	17		11	08	20	66	7	36	3		7	5	5	0	0	1			09	29	303	001	19	07

Results of Surface Observations,
WILKES October, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	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	9911	18		11	09	20	66	8	36	3	8	5	5											
	04	9926	21		15	09	16	66	8	02	3	8	5	5											
	07	9939	23		15	13	12	66	8	02	2	8	5	5											
	10	9944	22		14	18	12	66	8	02	2	3	5	5	2										
	13	9946	24		16	18	04	66	4	01	1	4	8	5	0	5									
	16	9942	24		17	21	03	66	1	01	1	1	0	9	4	0	2								
	19	9938	17		14	04	08	66	1	02	0	1	0	9	4	0		1							
	22	9932	13		09	05	07	66	0	01	0	0	0	9	0	0		0		09	26	213	000	25	09
	01	9931	09		07	04	08	66	1	01	0	1	5	5	0	0	0								
	04	9927	09		07	04	08	66	2	03	0	2	5	5	0	0	0								
	07	9928	09		08	03	09	66	1	02	0	1	5	4	0	0									
	10	9925	14		12	03	08	66	1	02	0	1	5	4	0	0									
	13	9925	17		15	04	08	66	6	03	1	6	8	4	5	0	2	1							
	16	9923	13		08	36	08	66	5	01	1	5	5	5	3	0	6	7							
	19	9923	11		09	05	08	66	3	01	1	2	5	4	3	0	8	8							
	22	9913	09		06	06	10	66	3	01	1	3	5	5	0	0	7			07	12	193	000	18	07
	01	9896	14		09	09	10	66	7	03	1	7	5	5			7								
	04	9860	15		11	08	17	66	8	02	2	8	5	5			2								
	07	9806	17		13	09	24	66	8	36	3	8	5	5			2								
	10	9785	19		16	08	26	66	8	36	7	8	5	5			2								
	13	9750	18		17	08	38	82	7	38	3	7	5	6			1								
	16	9735	19		18	09	34	01	8	38	3	6	0	9	2										
	19	9714	18		17	08	42	00		39	3														
	22	9711	20		19	08	37	00		38	3									09	53	053	000	20	14
	01	9720	19		18	08	31	00		38	3														
	04	9738	20		19	07	22	48	8	36	3	6	0	9	2										
	07	9755	20			05	14	32	8	70	7	8	0	9	2										
	10	9766	19		17	05	10	32	8	70	7	8	0	9	2										
	13	9777	18		16	03	16	48	8	70	7	8	0	9	2										
	16	9778	20		16	05	10	66	7	02	2	5	5	5	7										
	19	9785	19		15	05	08	66	7	02	2	7	5	5											
	22	9792	20		16	27	02	63	8	70	7	8	0	9	7					09	38	367	001	22	16

Results of Surface Observations,
WILKES November, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURE	
DAY	HOUR	mb × 10⁻¹	DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION °×10	SPEED kt	VV	Oktas	ww	W	AMOUNT Oktas	TYPE C_L	BASE h	C_M	C_H	LOW D_L	MIDDLE D_M	HIGH D_H	DIRECTION °×10	SPEED kt	St.miles	Points	MAXIMUM °F	
01	01	9801	16		15	06	05	16	8	71	7	8	0	9	7										
	04	9812	15		14	03	05	32	8	71	7	8	0	9	2										
	07	9832	15		14	03	06	32	8	70	7	8	0	9	2										
	10	9845	16		15	03	12	32	8	70	7	8	0	9	2										
	13	9852	17		14	03	08	60	8	02	7	8	5	5											
	16	9864	16		13	02	06	63	7	70	7	7	5	5											
	19	9865	13		11	02	05	66	7	70	7	7	5	5											
	22	9860	14		13	03	08	66	5	01	1	5	5	5	0	0				05	12	162	008	17	0
02	01	9851	05		03	06	09	66	1	01	1	1	5	5	0	0									
	04	9850	06		03	18	13	66	0	01	0	0	0	9	0	0									
	07	9860	06		00	18	04	66	0	02	0	0	0	9	0	0									
	10	9867	09		06	18	22	63	0	36	3	0	0	9	0	0									
	13	9875	12		07	18	20	66	0	02	3	0	0	9	0	0									
	16	9884	10		05	18	28	58	7	36	3	0	0	9	0	6									
	19	9890	07		04	09	18	58	7	36	3	0	0	9	0	6									
	22	9891	13		501	19	07	66	7	03	1	6	0	9	7	5				11	43	416	004	13	0
03	01	9887	06		00	06	09	66	4	03	1	1	5	5	5	5									
	04	9863	07		01	00	00	66	8	02	1	8	0	9	2										
	07	9840	10		05	07	06	66	8	02	2	2	5	4	2										
	10	9814	09		04	03	10	66	8	02	2	2	5	4	1										
	13	9771	09		04	03	08	66	8	02	2	1	5	4	1										
	16	9742	11		04	00	00	66	8	02	2	1	1	4	1		8								
	19	9718	10		05	00	00	66	8	02	2	1	1	4	1		8								
	22	9704	09		05	05	02	66	8	02	2	1	1	4	1		8			05	21	150	000	13	0
04	01	9704	12		09	00	00	66	8	02	2	8	0	9	1										
	04	9713	08		02	12	05	66	8	02	2	8	0	9	1										
	07	9735	13		02	23	05	66	8	02	2	5	5	4	1		4								
	10	9743	12		03	36	05	66	7	15	2	7	5	4			4								
	13	9763	11		06	36	10	66	8	02	2	8	0	9	7										
	16	9761	08		01	36	08	66	8	02	2	8	0	9	2										
	19	9769	07		501	01	02	66	8	15	2	8	0	9	7										
	22	9771	07		501	36	01	66	7	15	2	7	0	9	7		4			36	16	161	000	14	0
05	01	9775	04		505	05	07	66	3	01	1	3	5	5	0	0	3								
	04	9772	502		509	10	08	66	1	02	0	1	5	5	0	0									
	07	9771	04		501	12	08	66	1	02	0	1	5	5	0	5									
	10	9766	06		503	05	08	66	2	03	0	1	1	5	0	5									
	13	9760	07		00	04	08	66	1	15	0	1	5	5	0	0									
	16	9756	07		503	36	06	66	1	16	0	1	5	5	0	5									
	19	9753	05		503	05	09	66	3	15	1	3	5	5	2	5									
	22	9752	05		504	04	13	66	7	15	1	7	5	5						05	17	217	000	09	502
06	01	9755	04		505	06	08	66	7	15	2	7	5	5											
	04	9758	05		505	06	06	66	7	01	2	7	5	5											
	07	9764	04		507	07	11	66	6	01	2	6	5	5	0	0	9								
	10	9771	05		505	01	10	66	3	01	1	3	5	6	0	1	3								
	13	9782	08		503	07	02	66	2	01	0	2	5	5	0	5									
	16	9788	08		502	15	08	66	6	03	1	6	8	5	0	0	8								
	19	9801	07		505	16	08	66	5	02	1	5	5	5	0	0	2								
	22	9811	04		504	09	08	66	6	03	1	6	5	5	0	0	2			03	14	205	000	09	03
07	01	9823	05		503	09	10	66	7	03	2	7	5	5			2								
	04	9832	06		504	09	11	66	7	02	2	7	5	5			2								
	07	9839	09		502	12	06	66	7	15	2	7	5	5			2								
	10	9847	09		502	21	02	66	7	02	2	7	5	6			2								
	13	9846	11		503	18	06	66	7	02	2	7	5	5			8								
	16	9847	11		503	18	08	66	7	02	2	7	8	4											
	19	9845	10		502	14	06	66	7	02	2	7	8	4			0								
	22	9835	10		00	27	12	66	7	14	7	7	6	5						09	16	175	000	12	06
08	01	9822	09		00	29	06	66	7	02	2	7	5	5			0								
	04	9802	06		502	06	08	66	7	02	2	7	5	5			0								
	07	9791	06		00	06	04	66	3	01	1	3	5	5	0	0	4								
	10	9773	06		506	36	07	66	1	01	1	1	5	5	0	0	4								
	13	9758	10		501	00	00	66	1	03	0	1	5	5	0	5	0		0						
	16	9737	11		503	00	00	66	4	03	1	1	5	5	0	6	0		1						
	19	9711	06		503	06	08	66	8	03	1	0	0	9	0	7			1						
	22	9683	00		507	09	10	66	2	01	0	0	0	9	0	2				29	12	132	000	12	502
09	01	9679	01		511	11	04	66	6	03	1	1	5	5	0	6									
	04	9676	04		505	05	02	66	6	01	2	0	0	9	0	6									
	07	9689	09		00	00	00	66	7	02	2	0	0	9	0	6									
	10	9705	13		03	17	08	66	7	02	2	0	0	9	0	6									
	13	9734	16		05	18	08	66	7	02	2	7	0	9	3	0									
	16	9752	16		07	19	08	56	7	05	2	7	0	9	7	0									
	19	9785	15		10	16	06	58	7	70	2	1	5	5	1										
	22	9799	14		10	17	08	66	3	01	1	1	5	5	7	0				18	12	144	000	16	501

Results of Surface Observations,
WILKES November, 1965

CAL DARD ME	HOUR	STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
			DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	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	9807	10		08	14	07	66	1	01	0	1	5	5	0	0									
	04	9815	09		05	00	00	66	0	02	0	0	0	9	0	0									
	07	9814	12		07	18	04	66	0	02	0	0	0	9	0	0									
	10	9808	15		06	20	08	66	0	02	0	0	0	9	0	0									
	13	9801	18		11	18	08	66	0	02	0	0	0	9	0	0									
	16	9791	20		12	18	04	66	1	03	0	0	0	9	0	5									
	19	9771	16		07	11	02	66	1	02	0	0	0	9	0	5				03	21	142	000	20	07
	22	9749	15		07	06	08	66	6	03	1	1	5	5	0	6									
	01	9729	13		06	09	20	66	7	03	2	1	5	5	1	6									
	04	9722	14		06	12	07	66	7	02	2	0	0	9	0	6									
	07	9717	17		06	05	10	66	7	02	2	0	0	9	0	6			8						
	10	9710	20		12	32	12	66	7	02	2	1	5	5	0	6			0						
	13	9751	21		13	26	09	66	7	02	2	0	0	9	0	2			6						
	16	9739	21		14	32	11	66	7	15	2	5	5	5	0	2	6								
	19	9748	19		13	02	11	66	7	02	2	6	5	5	0	6	6			09	39	257	000	21	11
	22	9761	19		12	32	11	66	5	01	2	3	5	5	0	6									
	01	9772	11		08	05	12	66	7	03	2	7	5	5			8								
	04	9789	10		06	04	15	66	7	02	2	7	5	5			8								
	07	9815	10		06	03	17	66	7	02	2	7	5	5			8								
	10	9825	14		09	02	16	66	5	01	2	5	5	5	0	0	8								
	13	9839	17		11	35	17	66	7	03	2	7	5	5			8								
	16	9848	18		11	34	12	66	5	01	2	5	4	5	0	0	8								
	19	9856	16		11	34	08	66	5	02	2	5	5	4	0	0	8								
	22	9864	15		11	06	10	65	8	70	2	8	5	4			8			03	23	319	000	18	09
	01	9868	09		04	09	10	66	4	01	1	4	5	5	0	0	6								
	04	9863	14		08	08	04	66	7	02	1	7	5	5			6								
	07	9859	15		09	01	03	66	7	02	2	7	5	5	2										
	10	9847	18		08	00	00	66	8	02	2	8	5	5			0								
	13	9835	17		08	18	04	66	7	02	2	7	5	5			0								
	16	9817	17		09	20	08	66	6	01	2	6	5	5	0	0	4								
	19	9803	16		07	00	00	66	7	03	2	7	5	5			5								
	22	9785	09		03	11	08	66	7	02	2	7	5	5			6			09	12	133	000	19	05
	01	9779	05		503	11	08	66	7	02	2	7	5	5			6								
	04	9744	09		501	00	00	66	7	02	2	7	5	5			6								
	07	9724	14		04	00	00	66	7	03	1	0	0	9	0	6									
	10	9718	20		05	18	07	66	8	02	2	8	5	8			6								
	13	9700	23		10	19	05	66	8	02	2	8	0	9	1		6								
	16	9690	25		12	10	06	66	8	15	2	8	0	9	1		6								
	19	9691	25		04	09	06	66	8	02	2	6	5	6	3		2								
	22	9691	21		10	10	20	66	8	02	2	8	5	6			2			11	26	138	000	26	04
	01	9702	21		13	23	04	66	7	02	2	7	0	9	3	1									
	04	9715	21		15	18	04	66	5	01	1	0	0	9	0	6									
	07	9735	23		16	00	00	66	1	01	0	1	1	4	4	0									
	10	9747	23		18	03	03	66	1	01	0	0	0	9	0	2									
	13	9758	25		17	31	02	66	1	03	0	1	2	5	0	0									
	16	9756	24		15	33	03	66	1	03	0	1	1	5	0	5			8						
	19	9737	20		13	05	09	66	6	03	1	6	0	9	3	0		7							
	22	9721	16		13	08	16	66	7	02	1	7	0	9	7			7		09	29	152	000	25	16
	01	9683	20		18	09	18	66	8	15	2	8	5	6			7								
	04	9643	20		16	09	26	66	8	15	2	8	5	6			1								
	07	9616	21		20	10	30	66	8	36	3	5	5	5	7										
	10	9615	24		21	09	34	66	8	36	3	6	5	5	7										
	13	9600	25		23	09	28	66	8	36	3	4	5	5	7										
	16	9601	25		23	09	27	66	7	36	3	4	5	5	7										
	19	9616	24		20	09	24	66	7	36	3	2	5	5	7										
	22	9636	24		19	11	16	48	8	71	3	8	0	5	2	2				09	38	678	000	26	19
	04	9671	24		21	18	03	66	8	15	7	8	5	5		2									
	04	9708	22		19	09	03	66	7	02	2	5	5	5	7										
	07	9747	24		22	35	04	66	7	02	2	6	5	5	7		7								
	10	9789	23		21	31	04	66	7	02	2	7	5	5			6								
	13	9810	24		21	05	06	66	7	02	2	7	5	6			6								
	16	9831	25		24	36	10	48	7	71	2	7	5	5			1								
	19	9846	24		23	01	12	66	8	02	7	8	5	5			1								
	22	9852	24		23	04	12	66	8	15	2	8	5	5			1			09	31	182	002	26	22
	01	9845	24		23	04	08	66	8	15	2	8	5	5			1								
	04	9842	24		20	09	14	66	8	02	2	8	5	5			1								
	07	9814	23		21	09	32	16	8	38	2	5	5	5	2		1								
	10	9780	24		23	09	36	00	8	38	3	8	5	5			2								
	13	9734	24		23	09	40	01	8	38	3	8	5	5			2								
	16	9694	23		22	09	46	00		39	3														
	19	9701	23		22	09	38	00	8	38	3	8	5	5			2								
	22	9693	24		21	16	14	48	8	02	3	8	5	5			3			09	56	816	003	25	22

Results of Surface Observations;
WILKES November, 1965

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTRE TEMPERA	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	
19	01	9627	22		21	11	54	00		39	2														
	04	9620	22		21	11	55	00	8	38	3	8	5	5			2								
	07	9636	25		23	09	35	66	3	36	3	3	5	5			2								
	10	9650	29		25	06	32	66	3	15	3	3	5	5			2								
	13	9671	30		27	05	26	66	2	02	2	2	5	5			2								
	16	9694	31		27	06	15	66	2	02	2	2	5	5			2								
	19	9703	30		26	06	02	60	2	70	2	2	0	5	2		2								
	22	9702	29		24	06	10	60	2	15	2	2	0	5	2		0			11	74	808	000	31	
20	01	9704	28		21	10	18	66	2	15	2	2	0	5	2		1								
	04	9711	26		24	18	08	66	2	15	2	2	0	5	2		1								
	07	9690	26		25	18	04	66	7	15	7	7	0	9	7			1							
	10	9670	26		24	18	04	66	2	01	1	2	0	9	3	2		1							
	13	9647	29		24	00	00	66	1	01	1	1	0	9	3	0		1							
	16	9632	30		22	00	00	66	7	03	1	2	0	9	4	6		0	1						
	19	9621	27		21	36	07	66	7	03	1	5	0	9	5	6		2	1						
	22	9629	21		17	05	10	66	6	01	1	5	0	9	5	6		2	1	05	25	212	005	30	
21	01	9646	21		17	05	17	66	6	02	2	6	0	9	5	6		2	1						
	04	9687	19		17	05	20	66	3	01	1	0	0	9	0	6	2		1						
	07	9712	24		22	03	13	66	5	03	1	3	5	5	0	9	8								
	10	9744	25		24	36	12	66	7	03	1	7	5	5			1								
	13	9765	28		26	03	12	66	7	70	2	7	8	5			1								
	16	9789	28		25	16	08	66	7	15	7	7	5	5			0								
	19	9812	29		26	00	00	66	7	15	2	7	8	5			1								
	22	9824	26		25	18	04	66	7	15	2	7	5	5	5		1			05	25	235	000	30	
22	01	9839	26		25	18	05	66	7	15	2	1	5	5	5			0	1						
	04	9846	27		24	00	00	66	8	02	2	6	5	5				2							
	07	9852	26		24	20	07	66	7	02	2	7	5	5			2								
	10	9852	24		21	21	06	66	3	01	1	3	5	7	0	0	2								
	13	9839	25		20	21	12	66	1	01	1	1	5	7	0	0	2								
	16	9841	22		14	21	18	66	1	02	0	1	2	5	0	0									
	19	9836	24		14	21	22	66	1	02	0	1	5	5	0	0									
	22	9835	17		08	18	13	66	3	03	1	3	0	9	5	5		1	1	18	26	243	001	28	
23	01	9834	13		02	00	00	66	6	03	1	6	0	9	5	5		7	1						
	04	9819	17		10	03	10	63	8	02	2	3	0	9	7	5		7	1						
	07	9815	19		06	03	08	66	8	02	2	8	0	9	7			0							
	10	9800	19		08	06	11	66	8	02	2	3	0	9	7	7		8	7						
	13	9784	20		10	03	09	66	3	01	1	1	5	5	3	8		8							
	16	9780	18		12	02	10	66	1	01	1	1	0	9	3	1		6	6						
	19	9782	16		06	06	05	66	5	14	1	6	0	9	9	4		6	6						
	22	9776	16		11	00	00	66	6	14	1	1	5	6	5			6		05	24	194	000	21	
24	01	9772	17		11	02	07	66	7	02	1	1	5	5	5		6	6							
	04	9763	16		11	06	04	66	7	02	1	7	5	5											
	07	9777	17		12	18	07	66	8	02	2	1	5	5	1		0	0							
	10	9782	22		14	31	01	66	7	02	2	1	5	5	0	8									
	13	9800	23		14	26	06	66	5	02	2	5	2	4	0	8	4								
	16	9809	23		15	23	04	66	3	03	1	3	2	4	0	8	4								
	19	9829	23		12	31	03	66	1	01	1	1	5	5	0	1									
	22	9849	15		09	06	05	66	1	02	0	1	2	5	0	0	4			02	13	131	000	25	
25	01	9867	13		08	06	06	66	1	02	0	1	2	5	0	0	4								
	04	9886	15		10	06	05	66	0	02	0	0	0	9	0	0									
	07	9901	20		14	16	02	66	1	02	0	1	6	4	0	1									
	10	9910	21		15	21	05	66	0	02	0	0	0	9	0	0									
	13	9921	24		13	22	03	66	0	02	0	0	0	9	0	0									
	16	9938	24		16	03	04	66	0	02	0	0	0	9	0	0									
	19	9947	23		16	06	05	66	1	03	0	1	0	9	8	0		7							
	22	9952	20		10	00	00	66	1	02	0	1	0	9	8	0		0		21	09	108	000	26	
26	01	9959	16		07	10	02	66	2	03	0	2	0	9	5	0		6							
	04	9961	19		11	03	06	66	1	01	0	1	0	9	4	0		0							
	07	9945	23		14	06	18	66	8	03	1	8	0	9	1										
	10	9943	24		18	07	22	58	8	02	2	8	0	9	2										
	13	9921	24		22	05	25	52	8	70	7	8	0	9	2										
	16	9879	23		23	09	30	03	8	70	7	8	0	9	2										
	19	9873	24		23	10	28	03	8	70	7	8	0	9	2										
	22	9847	28		25	10	26	16	8	70	7	8	5	5			1			09	43	521	000	28	
27	01	9885	23		22	11	34	03	8	38	3	8	5	5			1								
	04	9775	23		22	11	38	01	8	38	3	8	5	5			1								
	07	9717	23		22	11	54	00		39	3														
	10	9702	21		21	11	52	00		39	3														
	13	9729	21		21	11	23	16	8	38	3	8	0	9	1										
	16	9739	23		22	06	10	16	8	73	7	8	0	9	1										
	19	9742	20		16	07	08	66	8	02	7	8	5	6											
	22	9757	16		15	16	06	66	3	01	1	5	5	5	0	1				11	66	658	008	25	

Results of Surface Observations,
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HOUR	STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
	mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	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	9783	17		15	18	05	66	5	03	1	1	5	5	0	6									
04	9781	14		14	30	08	66	5	03	1	1	5	5	1	6									
07	9780	18		17	04	12	66	5	03	1	1	5	5	0	6									
10	9787	20		18	02	19	66	5	02	2	5	5	5	0	0	1								
13	9798	24		15	28	08	66	5	02	1	5	5	5	0	0	0								
16	9805	25		19	32	07	66	5	01	1	2	8	4	7	0	0	6							
19	9816	24		16	32	04	66	5	02	1	3	8	5	0	8	0								
22	9824	15		12	07	10	66	5	02	1	2	5	5	0	5				05	16	196	003	25	13
01	9824	13		10	07	12	66	5	03	1	1	5	5	0	6									
04	9822	14		09	09	08	66	7	02	1	1	5	5	0	7									
07	9820	19		12	18	03	66	7	02	2	1	5	5	0	7									
10	9820	23		14	00	00	66	5	01	1	3	0	9	3	1									
13	9825	28		15	00	00	66	7	02	1	7	0	9	7	0									
16	9830	29		16	00	00	66	7	02	2	7	0	9	7	0									
19	9832	23		15	13	04	66	5	01	1	5	0	9	3	0									
22	9836	23		18	13	06	66	7	03	1	1	5	5	3					09	13	123	000	29	13
01	9847	22		17	14	03	66	7	02	1	1	5	5	7										
04	9862	23		19	00	00	66	8	15	2	2	5	5	7										
07	9874	23		23	31	08	61	8	70	7	8	5	5											
10	9882	23		23	31	07	63	7	70	7	1	5	5	7										
13	9895	22		20	36	07	66	7	71	7	7	5	5											
16	9906	25		18	26	05	66	5	01	7	5	5	4	0	0									
19	9916	23		20	28	18	66	5	02	1	5	5	4	0	0									
22	9928	19		18	31	10	66	6	03	2	6	5	5	0	0				27	13	183	000	26	16

Results of Surface Observations,
WILKES December, 1965

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND							LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTR TEMPER
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
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F
01	01	9938	16		15	03	10	66	3	01	1	3	5	5	4	0	7							
	04	9947	14		11	03	07	66	2	01	1	2	5	5	0	0	7							
	07	9949	17		15	03	09	66	1	01	1	1	5	5	0	0	7							
	10	9948	21		16	33	02	66	1	02	0	1	5	5	0	0	2							
	13	9943	21		16	00	00	66	1	03	0	1	5	5	3	0	0	7						
	16	9938	22		17	04	04	66	1	03	0	1	5	5	0	5	0		7					
	19	9936	19		13	09	04	66	2	02	0	1	5	5	0	1								
	22	9937	15		09	09	14	66	2	02	0	1	5	5	0	1				07	15	173	004	23
02	01	9938	14		08	09	08	66	2	01	0	0	0	9	0	5								
	04	9933	18		03	09	02	66	8	02	1	0	0	9	0	6								
	07	9928	23		12	19	05	66	8	02	1	8	0	9	2									
	10	9922	26		08	18	08	66	8	02	2	3	5	5	1		2	2						
	13	9916	27		23	18	06	56	8	71	2	8	0	8	2		2							
	16	9911	27		26	19	07	16	8	73	7	8	0	7	2									
	19	9901	31		30	24	11	08	8	75	7	8	0	7	2									
	22	9893	35		34	36	06	08	8	69	7	3	7	2	2		7			09	36	249	000	36
03	01	9876	34		31	09	30	16	8	69	7	3	7	5	2									
	04	9868	37		30	09	29	63	8	02	2	1	7	5	2									
	07	9880	36		28	10	28	63	8	15	2	1	7	4	2									
	10	9886	37		29	09	26	63	8	15	2	3	5	5	2									
	13	9906	35		32	11	2	58	8	60	2	3	7	2	2		1							
	16	9918	35		26	18	12	61	8	15	6	4	7	4	1		1							
	19	9933	34		27	21	06	66	7	02	2	7	0	9	7									
	22	9945	31		27	00	00	66	7	02	2	7	0	9	7			3		09	40	466	071	37
04	01	9959	30		24	36	02	66	4	01	1	2	0	9	7	2								
	04	9976	36		31	03	03	66	2	01	1	1	0	9	7	2								
	07	9984	31		22	00	00	66	5	03	1	1	0	9	3	4								
	10	9994	32		24	36	02	66	5	02	1	0	0	9	0	4								
	13	9996	35		27	00	00	66	2	01	0	1	0	9	4	1								
	16	9998	36		22	00	00	66	2	02	8	1	0	9	4	1								
	19	10009	32		25	00	00	66	7	03	1	1	5	4	0	4								
	22	10020	29		23	00	00	66	7	02	2	1	0	9	4	4				14	07	069		37
05	01	10031	26		16	00	00	66	7	02	2	1	0	9	4	4								
	04	10035	27		12	00	00	66	1	01	1	1	0	9	0	4								
	07	10040	29		18	00	00	66	2	03	0	0	0	9	0	4			7					
	10	10036	32		22	22	02	66	3	03	0	0	0	9	0	4			7					
	13	10027	36		19	20	06	66	5	03	1	3	0	9	7	4		7	7					
	16	10025	31		24	02	04	66	7	03	1	5	0	9	7	4		8	7					
	19	10018	29		23	36	03	66	7	02	2	1	5	5	7	0	0	7						
	22	10012	27		21	18	06	66	5	01	2	0	0	9	0	4			0	09	14	118	000	38
06	01	9997	26		15	10	06	66	2	01	1	0	0	9	0	4			7					
	04	9982	24		19	04	06	66	1	01	1	0	0	9	0	5			7					
	07	9986	28		17	02	02	66	1	02	0	0	0	9	0	5								
	10	9982	33		24	27	03	66	6	03	1	0	0	9	0	6								
	13	9972	40		19	08	06	66	7	02	2	0	0	9	0	6								
	16	9958	35		25	27	11	66	7	03	2	5	0	9	3	2								
	19	9942	35		20	18	11	66	7	03	2	2	5	6	3	2								
	22	9924	32		16	16	07	66	6	01	2	2	5	5	3	0				11	41	186	000	40
07	01	9908	31		20	24	12	66	2	01	1	2	0	9	4	0		0						
	04	9903	35		10	20	15	66	1	03	0	0	0	9	0	5			7					
	07	9896	34		19	12	28	66	2	03	1	0	0	9	0	5			7					
	10	9885	37		18	13	12	66	2	03	0	0	0	9	0	5			7					
	13	9875	42		15	11	36	66	4	03	1	0	0	9	0	2			7					
	16	9888	33		19	32	07	66	5	03	1	0	0	9	0	2			7					
	19	9888	32		25	34	05	66	7	03	2	0	0	9	0	2			8					
	22	9886	31		24	18	03	66	7	03	2	7	0	9	7	0		1		11	59	297	000	44
08	01	9882	30		14	36	04	66	3	01	1	3	0	9	7	0		0						
	04	9883	26		17	04	02	66	8	03	2	8	0	9	0	7			8					
	07	9879	28		19	19	08	66	3	01	1	0	0	9	0	2			8					
	10	9873	30		22	20	07	66	6	03	1	0	0	9	0	2			7					
	13	9862	33		23	24	08	66	3	01	1	0	0	9	0	2			7					
	16	9854	33		20	36	04	66	2	01	1	0	0	9	0	1								
	19	9851	32		25	35	05	66	4	03	1	0	0	9	0	6			8					
	22	9850	28		20	00	00	66	3	03	1	1	0	9	4	1		0	8	14	17	125	000	35
09	01	9853	24		15	07	09	66	5	03	1	1	0	9	4	2		8	8					
	04	9855	24		16	14	04	66	8	03	2	1	0	9	3	6								
	07	9855	29		19	13	10	66	6	01	1	5	5	6	0	6								
	10	9856	34		23	02	06	66	7	03	1	7	3	5										
	13	9864	32		31	25	04	58	8	71	7	8	5	5										
	16	9867	32		30	31	03	63	8	70	7	8	5	5										
	19	9871	31		26	00	00	66	6	01	1	5	0	9	7	2								
	22	9870	28		21	15	07	66	5	02	1	2	0	9	5	1				16	13	126	000	34

Results of Surface Observations,
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D	STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
	mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
1	9871	29		26	04	08	66	7	02	1	6	5	6	3		2	2							
4	9881	30		22	04	02	09	8	73	7	8	0	9	2										
7	9892	33		21	22	05	58	8	15	7	3	5	5	7										
0	9899	33		21	03	01	66	8	02	2	8	8	5			8								
3	9894	29		26	09	30	48	8	38	3	8	8	5			8								
6	9908	33		20	26	03	66	7	81	3	7	5	5			2								
9	9905	32		19	21	09	61	8	15	2	8	5	5			1								
2	9905	28		18	15	03	66	2	61	2	2	0	9	7	0		8		09	48	126	004	39	24
1	9900	28		22	00	00	66	7	03	1	7	0	9	7			7							
4	9892	29		18	18	05	66	7	02	2	7	0	9	7										
7	9888	29		18	36	01	66	7	02	2	1	0	9	7	8			1						
0	9880	30		22	23	04	66	5	01	2	0	0	9	0	8									
3	9875	31		19	28	04	66	5	02	1	0	0	9	0	2			7						
6	9869	31		19	25	03	66	2	01	0	0	0	9	0	1			0						
9	9862	30		23	22	08	66	1	01	0	0	0	9	0	1			0						
2	9857	28		23	26	05	66	2	03	1	1	5	5	0	1			0	23	10	096	000	34	24
1	9852	27		22	31	10	66	1	02	0	1	5	5	0	1			0						
4	9840	26		23	05	12	66	1	01	0	0	0	9	0	1									
7	9832	27		22	05	13	66	1	02	0	1	5	5	0	1									
0	9842	30		22	03	12	66	1	02	0	1	5	5	0	1									
3	9853	28		20	03	15	66	1	02	0	1	2	5	0	1									
6	9867	27		22	01	12	66	1	01	0	1	5	5	0	0									
9	9875	26		21	01	10	66	4	03	1	4	1	5	0	0									
2	9885	26		22	02	12	66	7	03	1	7	5	5						36	02	292	000	33	24
1	9901	24		14	07	13	66	7	14	2	7	5	5			2								
4	9917	23		15	09	12	66	8	02	7	8	5	5			2								
7	9929	25		15	07	08	66	7	02	2	7	5	6			2								
0	9943	28		17	27	01	66	7	02	2	7	4	5			2								
3	9957	27		17	16	00	66	7	02	2	7	5	5			1								
6	9961	28		18	19	05	66	7	02	2	1	2	7	5			1							
9	9966	29		21	22	05	66	7	02	2	7	5	5			1								
2	9972	27		22	04	06	66	7	02	2	7	5	6			1			09	18	190	000	30	23
1	9977	27		21	06	05	66	7	02	2	7	5	6			1								
4	9986	27		22	06	06	66	7	02	2	7	5	6			1								
7	9987	27		22	04	08	66	7	01	2	1	5	5	7		1	0							
0	9989	28		24	02	08	66	7	02	2	7	0	9	7			1							
3	9990	29		25	02	04	66	7	02	2	1	1	4	7		0	0							
6	9989	30		25	00	00	66	7	02	2	1	1	4	7		0	5							
9	9984	31		24	00	00	66	7	02	2	7	0	9	3	0		3							
2	9974	29		22	24	04	66	2	01	1	1	1	4	7	0	0	0		05	11	125	000	32	20
1	9970	20		17	09	05	66	2	02	0	2	1	4	0	0	0	5							
4	9970	19		10	09	08	66	2	02	0	2	1	5	0	0									
7	9970	26		16	00	00	66	1	02	0	1	2	5	3	0									
0	9970	26		16	01	09	66	1	02	0	1	2	5	3	0									
3	9972	27		20	02	10	66	7	03	1	7	2	5	0	0									
6	9978	28		21	01	10	66	5	01	1	4	2	5	5	0									
9	9986	28		22	00	00	66	7	03	2	6	8	5	3										
2	9995	26		19	08	04	66	5	01	1	5	8	5	0	0				03	16	201	000	29	19
1	10002	23		15	05	08	66	5	02	1	5	8	5	0	0	1								
4	10011	26		18	18	01	66	7	02	1	7	5	6			1								
7	10033	28		15	01	03	66	5	01	1	3	0	9	6	4	1								
0	10037	31		18	01	07	66	2	01	0	2	0	9	6	0		6							
3	10046	30		22	19	09	66	1	01	0	1	1	5	0	0	2								
6	10048	30		21	18	08	66	1	02	0	1	1	5	0	0	0								
9	10043	31		23	05	08	66	2	03	0	2	0	9	5	0		8							
2	10048	25		18	09	08	66	3	02	0	3	0	9	4	0		8		09	21	213	000	31	22
1	10042	22		10	09	18	66	3	02	1	1	0	9	4	1		8	0						
4	10036	25		12	01	15	66	8	03	1	8	0	9	7			7							
7	10021	27		17	11	29	66	7	01	1	5	0	9	7	4		7							
8	9999	32		23	09	33	66	7	03	1	5	5	5	7	4	2	7	1						
3	9952	31		21	11	40	63	7	02	2	1	1	5	7		2	8							
6	9898	30		23	10	54	58	8	36	3	1	1	5	7		2	5							
9	9878	29		22	10	52	58	8	38	3	8	5	5			2								
2	9859	27		24	09	45	03	8	38	3	8	5	5			2			09	68	1030	000	33	21
1	9856	25		25	09	52	02	8	38	3	8	5	5			2								
4	9888	29		28	09	44	08	8	38	3	8	5	5			2								
7	9899	31		22	11	35	63	7	36	3	3	5	5	7		3	2							
0	9938	32		24	09	04	66	7	03	3	7	5	5			3								
3	9950	34		21	04	16	66	8	14	2	8	5	5			2								
6	9950	35		20	09	16	66	8	70	2	5	5	5	2		2	0							
9	9949	33		21	09	12	66	8	70	7	8	0	8	7			1							
2	9958	32		25	27	03	66	7	15	2	7	0	8	7			1		09	67	577	000	34	25

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	
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	
19	01	9965	32		26	25	04	66	6	01	2	6	0	8	7	0									
	04	9964	29		18	11	16	66	6	02	2	6	0	8	5	0									
	07	9965	30		18	09	13	66	6	01	1	5	0	9	4	2		2	3						
	10	9960	34		24	30	03	66	2	01	1	2	0	9	4	2		2	3						
	13	9963	35		22	00	00	66	2	02	0	2	0	9	4	0		5							
	16	9963	35		23	00	00	66	2	03	0	1	8	5	4	0	0	0							
	19	9967	33		23	36	02	66	6	03	1	6	4	7	4	1	1	0							
	22	9970	33		21	00	00	66	7	02	1	7	5	5			2			09	30	147	000	36	
20	01	9968	34		25	00	00	66	7	02	2	7	5	5			1								
	04	9961	31		25	00	00	66	7	02	2	7	5	5			1								
	07	9953	32		26	00	00	66	7	02	2	7	5	5											
	10	9935	33		25	16	06	66	7	02	2	7	5	5											
	13	9910	35		30	22	06	66	7	02	2	7	0	8	7										
	16	9875	34		27	18	04	66	2	01	1	1	0	9	4	1									
	19	9855	34		28	04	07	66	6	02	1	6	5	5	0	1									
	22	9823	32		25	15	03	66	4	01	1	1	0	8	4	4				12	17	117	000	37	
21	01	9805	36		14	03	03	66	3	02	0	1	0	8	4	4									
	04	9780	34		16	12	14	66	7	03	1	0	0	9	0	4									
	07	9779	34		22	29	08	66	7	03	2	3	5	7	0	6									
	10	9776	35		24	29	04	66	7	14	2	1	7	4	0	6									
	13	9770	35		28	13	04	66	7	15	2	1	5	6	7										
	16	9749	36		26	16	08	66	6	15	2	2	5	6	7	0									
	19	9747	37		27	27	06	66	7	15	2	7	0	8	7										
	22	9740	35		27	30	01	66	7	71	7	7	0	8	7					12	30	208	000	38	
22	01	9738	33		32	36	08	63	8	70	7	8	0	8	8			2							
	04	9737	34		30	04	10	66	7	15	7	7	0	9	2			2							
	07	9761	37		30	08	28	66	7	15	7	7	0	9	2			2	1						
	10	9794	38		31	06	30	61	6	15	2	6	0	9	7	0		2							
	13	9840	37		31	12	17	66	7	15	2	4	5	6	7		2	1							
	16	9844	37		28	09	26	66	8	15	2	1	5	6	7		2	1							
	19	9873	36		28	11	16	66	7	15	2	7	5	6			2								
	22	9888	35		25	11	26	66	8	15	2	8	5	6			2			09	42	580	003	38	
23	01	9888	34		25	11	18	63	8	15	2	8	5	6			2								
	04	9897	37		15	18	10	66	8	01	2	8	5	6			2								
	07	9896	36		26	32	08	66	7	01	1	7	0	9	7			3							
	10	9893	36		27	18	04	66	3	01	1	3	0	9	7	0		3							
	13	9888	37		31	28	04	66	5	03	1	5	0	9	3	0		1							
	16	9885	34		30	03	09	66	7	03	1	1	0	9	3	6		1	7						
	19	9884	32		30	02	08	66	2	01	0	1	0	9	3	1		1	7						
	22	9889	31		29	06	01	66	2	02	0	1	0	9	3	1		0	2	09	23	166	000	41	2
24	01	9891	29		27	12	01	66	7	03	2	7	0	9	5	6		3							
	04	9891	30		24	12	05	66	7	02	2	7	0	9	5			3							
	07	9891	34		25	04	07	66	6	01	1	1	5	6	9	2		2							
	10	9892	33		21	35	04	66	7	02	2	1	0	9	4	2		0	0						
	13	9897	33		23	33	04	66	7	02	2	0	0	9	0	2			1						
	16	9900	33		20	36	06	66	6	02	2	1	1	5	0	2			1						
	19	9903	27		25	03	05	66	6	02	2	0	0	9	0	2			0						
	22	9907	27		24	05	05	66	3	01	1	1	1	5	0	2			0	07	10	103	000	35	2
25	01	9911	27		24	05	03	66	7	03	1	5	5	6	0	2	2								
	04	9915	27		24	12	07	66	2	01	1	0	0	9	0	2									
	07	9916	28		23	36	05	66	4	03	1	2	5	6	0	2									
	10	9919	29		26	05	06	66	3	01	1	2	5	6	0	2									
	13	9924	30		27	03	09	66	2	01	1	1	2	6	0	2									
	16	9930	31		28	03	06	66	6	03	2	6	5	5	0	0									
	19	9947	31		28	34	03	66	7	03	2	7	5	5											
	22	9945	31		27	34	08	66	7	02	2	7	5	6						02	11	139	000	40	2
26	01	9951	30		25	32	05	66	7	02	2	7	5	5											
	04	9959	31		27	32	03	66	7	02	2	7	5	5											
	07	9965	29		26	32	07	66	7	02	2	7	5	5											
	10	9970	26		25	04	13	66	8	71	7	8	5	6											
	13	9973	28		26	02	08	66	7	70	7	1	2	6	2			1							
	16	9973	28		25	36	02	66	7	02	7	1	2	6	2		8	1							
	19	9969	29		25	35	02	66	6	70	7	1	2	6	2	0		0							
	22	9965	28		25	05	04	66	6	02	2	6	5	5	0	0		1		02	14	135	000	31	2
27	01	9964	25		22	09	03	66	3	01	1	3	5	5	0	0									
	04	9957	23		19	11	06	66	1	01	1	1	5	5	0	0									
	07	9967	27		19	16	04	66	1	02	0	1	2	5	0	0									
	10	9966	32		21	33	02	66	1	02	0	1	1	6	0	0									
	13	9962	31		23	36	04	66	1	03	1	1	0	9	5	0		7							
	16	9953	31		25	03	08	66	1	03	1	1	0	9	5	5		5	5						
	19	9944	28		26	04	10	66	6	03	1	1	2	6	5	9	4	5	5						
	22	9940	27		24	04	10	66	5	01	1	1	8	4	7	2			6	02	13	162	002	32	2

Results of Surface Observations,
WILKES December, 1965

STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
9936	25		20	07	08	66	5	01	1	1	2	4	0	6			6						
9937	27		20	06	07	66	7	03	1	1	5	6	7			8							
9936	28		21	05	09	66	7	02	2	1	5	6	7										
9938	30		25	03	09	66	7	02	2	1	5	6	7	5									
9941	31		25	34	03	66	8	02	2	8	5	5											
9947	31		28	22	08	66	6	70	7	5	5	5	3	0									
9950	31		22	16	08	66	6	03	2	6	5	7	3	0				02	16	169	000	32	25
9961	32		24	20	03	66	7	02	2	7	5	6											
9973	30		26	00	00	66	6	14	2	6	5	5	0	0									
9985	28		19	04	02	66	4	01	1	4	0	9	3	0									
9992	30		21	22	02	66	1	01	1	1	0	8	3	0		7							
10002	32		25	23	03	66	2	03	0	0	0	9	0	5			0						
10003	33		24	15	06	66	1	01	0	1	1	5	4	0	0	0							
9995	34		26	15	07	66	1	03	0	0	0	9	0	2			0						
9996	33		23	15	04	66	1	02	0	0	0	9	0	1			0						
9988	28		19	05	09	66	1	02	0	1	5	5	0	0				05	14	112	002	34	27
9976	27		20	06	10	66	1	02	0	1	5	5	0	0									
9972	23		21	02	10	66	1	02	0	1	5	5	0	0									
9962	27		22	24	04	66	6	03	1	1	5	5	0	6	0		7						
9956	27		23	03	05	66	7	02	2	1	5	5	0	6	0		7						
9928	27		23	03	08	66	7	02	2	1	5	5	0	6	1		8						
9907	28		24	01	08	66	7	02	2	1	5	5	7		1	1							
9884	29		25	21	05	66	7	02	2	7	0	9	7			1							
9875	29		26	27	06	66	7	16	2	7	0	9	7			1		05	24	189	000	31	22
9863	29		19	09	23	66	7	14	2	7	0	9	7										
9863	29		22	09	20	66	8	02	2	1	5	5	2		1	0							
9862	30		21	04	14	66	8	15	2	8	5	5			2								
9836	31		22	09	30	66	8	15	2	8	5	5			2								
9831	31		22	11	25	66	8	14	2	8	0	9	7										
9812	32		25	08	32	66	7	15	2	7	5	5	3		2								
9806	31		23	08	36	66	7	15	2	6	5	5	7		2								
9823	31		22	09	28	66	8	02	2	5	8	5	2		2	2		03	48	692	000	32	28

Results of Radiosonde Observations,
MACQUARIE – JAN., 1965

1100 HRS GMT.

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg
01	001	073	57	002	088	022	42	134	5009	35	182	5043	29	286	5084	07	404	160	0[illegible]
02	002	069	61	002	089	029	49	135	006	42	183	5012	41	287	5075	26	407	140	1[illegible]
03	982	065	48	515	071	006	36	117	5034	27	165	5049	19	269	5114	06	385	197	0[illegible]
04	982	049	41	514	071	5004	33	116	5036	29	164	5074	24	267	5140	14	382	205	0[illegible]
05	992	038	40	508	080	5020	29	125	5050	25	173	5079	20	275	5149	12	390	250	0[illegible]
06	000	034	32	001	085	5046	23	130	5071	19	177	5113	15	278	5165	04	394	210	
07	014	052	37	012	096	5036	26	142	5016	15	190	5026	18	296	5042	32	416	091	2[illegible]
08	018	073	59	015	101	032	52	148	003	45	196	5015	40	304	016		426	070	
09	022	074	57	019	104	006	36	151	126		201	090	29	311	035	22	434	060	0[illegible]
10	016	082	62	014	101	097	55	148	100	44	198	065	37	307	014		429	065	
11	012	090	65	011	099	091	72	146	066	63	195	036	51	302	5822	41	424	081	2[illegible]
12	999	087	64	000	087	087	41	134	095	28	184	070	42	292	5011	29	414	090	1[illegible]
13	983	089	70	514	074	070	62	120	040	52	170	016	44	275	5045	31	395	110	2[illegible]
14	002	056	38	002	087	5024	29	132	5052	19	181	5030	09	286	5070	16	405	136	1[illegible]
15	991	082	63	507	080	063	60	127	047	56	176	031	54	283	5028	36	404	082	
16	008	075	49	007	093	012	56	140	5064	11	187	5004	11	294	5040	12			
18	999	077	64	500	087	059	49	134	041	44	183	046	41	291	5006	41	414	054	5[illegible]
19	995	068	56	503	083	050	51	130	5023	44	178	000	39	284	5071	25	402	161	1[illegible]
20	998	076	66	508	079	026	42	125	000	35	173	5026	29	278	5095	16	426	177	0[illegible]
21	995	040	32	504	081	5024	26	127	5040	21	174	5063	20	278	5113	13	394	170	0[illegible]
22	995	051	43	503	082	5020	31	127	5045	25	175	5076	18	278	5132	06	394	199	0[illegible]
23	006	060	44	005	090	006	33	137	5010	26	184	5040	20	289	5120	16	405	146	1[illegible]
24	021	050	39	018	102	023	28	148	008	20	194	5026	16	298	5085	07	416	135	0[illegible]
25	029	073	46	024	109	5018	30	155	5006	19	203	5025	15	309	5044	12	429	099	1[illegible]
17	006	078	65	006	092	142	77	141	105	69	192	085	51	272	5005	41	422	066	3[illegible]
26	026	071	49	022	107	5009	39	153	086	18	202	002	11	308	5036	12	428	114	1[illegible]
27	016	070	43	013	099	5005	38	145	5025	29	192	5030	18	298	5054	20	417	123	0[illegible]
28	014	066	41	012	097	5024	27	142	5053	24	190	5050	08	294	5085	07	413	140	0[illegible]
29	016	059	38	013	098	5032	29	143	5014	18	191	5014	12	298	5030	21	419	092	1[illegible]
30	012	070	46	010	096	5005	32	141	5051	26	190	006	22	296	5017	18	417	090	1[illegible]
31	004	066	54	005	092	042	52	138	013	37	186	5021	31	292	5052	22	412	110	1[illegible]

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
01	539	230	06	699	358	02	892	528	153	488	343	476	612	471	759	484		
02	543	241	08	702	366	03	895	532	156	498	345	482	611	485	758	480		
03	518	306	02	673	407		867	425	141	436	334	440	605	468				
04	515	295	05	669	407		860	559	126	448	320	443	591	454	740	461		
05	520	341	02	679	443		861	493	132	442	325	450	596	459	745	442	937	457
06	526	309		681	403		873	460	145	434	337	464	608	470	756	471		
07	557	182	12	719	290	06	918	455	177	583	359	565	618	538				
08	565	175		728	309		926	464	185	562	368	560	626	567	772	527		
09	574	170	12	738	276	06	938	436	199	642	377	589	632	573				
10	569	162		733	285		932	440	193	636	373	565	631	547	774	541		
11	563	169	14	727	291		926	450	186	625	367	568	626	541				
12	553	175		715	305	03	913	474	175	527	360	540	621	527				
13	533	216	05	694	340	04	889	488	158	466	348	490	612	522	758	509		
14	540	227	05	700	342		896	460	194	487	354	489						
15	543	177	06	706	300	05	905	446	169	527	355	507	618	517				
16																		
17	563	148	20	729	260	09	930	418	191	592	374	576	633	557	776	426		
18	555	125	24															
19	538	215		700	307	02	899	457	169	458	359	500	623	485	770	500		
20	529	290	02	684	389		882	403	159	419	353	446	622	480				
21	529	254	03	686	388	01	879	495	153	415	346	469	614	465	761	486	951	474
22	527	285	02	683	383	01	876	457	150	431	345	456	614	476	761	462		
23	540	253	07	699	362	03	892	502	162	454	355	469	621	490	767	492		
24	553	219		714	346		909	491	170	521	357	517	621	509				
25	568	186	07	730	315	03	927	488	183	573	367	533	628	519				
26	566	199		726	343	02	923	478	181	603	363	543	625	521	761	507	948	500
27	554	214	05	715	312	04	912	488	168	562	352	528	612	514				
28	549	221	05	710	332	02	905	488	166	523	353	513	618	501	762	513		
29	558	183	07	721	285		919	439	179	624	358	582	616	534				
30	557	165	05	721	283	02	921	443	180	623	360	568	619	536	764	503		
31	549	215	05	710	331		906	478	170	522	355	524	618	519	761	516		

Results of Radiosonde Observations,
MACQUARIE February, 1965

1100 HRS GMT.

SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
PRESSURE	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	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
96	076	55	503	083	5001	36	129	5030	30	177	5053	28	280	5123	10	397	195	07
01	068	44	001	087	038	30	133	016	22	182	002	10	289	5035	28	409	099	20
92	067	58	506	080	034	49	126	017	46	175	004	45	282	5028	40	403	075	32
90	068	44	508	078	5011	30	123	5046	26	171	5079	23	273	5151	14	388	274	04
00	045	38	001	085	5030	28	130	5061	24	178	5093	20	281	5100	08	399	166	08
95	050	50	504	082	033	48	129	033	51	178	004	42	284	5035	36	405	025	26
06	038	32	006	090	5041	24	135	5026	21	183	5042	16	288	5068		407	126	
06	061	49	006	091	5010	35	136	5040	26	184	5020	11	290	5055		410	095	
87	074	58	510	076	022	42	122	5002	40	171	5018	37	276	5067	30	395	121	20
83	071	53	513	073	015	36	118	5030	29	166	5046	16	270	5116	12	387	200	06
87	054	36	511	075	5007	24	121	5046	22	168	5072	19	271	5136	08	386	220	05
01	039	39	001	086	5030	30	131	5060	24	178	5085	20	281	5136		398	187	
01	067	55	001	087	015	42	133	5001	41	182	5040	33	286	5080	07	404	148	
92	061	51	506	079	5005	36	125	5020	33	173	5065	26	276	5131	16	392	194	08
93	043	35	505	080	5024	26	125	5054	26	173	5065	15	277	5076	08	395	160	09
93	049	38	505	081	5020	28	126	5019	21	174	5034	20	280	5050	10	400	106	
00	045	40	001	086	5026	31	131	5028	33	179	5038	32	284	5089	20	402	145	12
00	059	46	001	087	015	42	133	5002	40	181	5056	35	286	5082	26	408	123	18
03	060	52	003	089	5005	32	134	5021	25	182	5046	12	286	5104	06	405	170	04
00	064	45	508	086	019	36	132	5012	30	181	5034	28	285	5108	16	402	158	
05	077	50	005	090	5010	31	136	5031	31	184	007	10	291	5039	24	411	105	17
91	069	49	507	079	000	33	124	5026	25	171	5061	15	276	5120	06	392	203	05
82	075	60	515	072	039	50	119	006	42	167	5025	35	272	5095	22	390	156	
94	070	50	504	081	000	31	127	5036	20	174	5060	16	278	5116	12	394	186	05
93	073	54	505	081	018	40	127	5016	33	175	5035	28	279	5111	18	396	178	04
97	069	44	502	084	5010	31	129	5054	24	177	5030	08	282	5071	16	400	155	12
96	066	41	503	082	5018	28	126	5055	24	175	5064	13	278	5129	07	397	210	

500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE
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
529	290	02	685	406		877	444	152	425	345	459	613	486				
548	185	13	710	304	06	909	461	171	565	356	542	617	519				
543	174	13	706	282	06	910	431	175	515	362	515	624	532				
521	280		679	355		874	432	149	425	343	441	614	454	762	472	952	491
534	229	05	694	336	02	891	440	159	467	349	475	616	504	761	501		
544	175	14	708	283	06	908	426	172	580	369	526	621	526				
544	214	07	704	330	04	901	466	164	494	353	501	618	507	763	507	950	500
548	190	06	711	310	02	900	459	169	562	354	531						
533	204	11	695	309	05	892	472	156	486	346	486	611	494	757	502		
519	305	02	675	371		871	441	146	418	340	425	613	455	761	452		
518	326	02	671	425		868	371	148	384	345	415	618	452	756	456	956	489
534	221	04	695	317	02	893	440	162	448	353	470	620	495	756	500	954	522
540	205	04	702	310	05	900	440	169	443	361	467	627	495				
526	280	03	684	335		883	385	161	425	354	460	620	503	766	587		
530	239	03	690	350		887	417	163	423	355	463	621	495	768	497		
538	196	06	700	319	02	896	473	163	453	354	469						
538	241	06	697	368	01	890	510	155	480	345	487	619	497	756	522	944	501
544	225	09	704	350	03	898	519	159	495	349	484	616	505				
538	256	04	696	366	03	885	517	155	462	345	486	611	508	757	505	945	508
537	266	04	693	399	02	883	513	152	454	343	482	609	490	755	497	944	498
549	190	09	712	306	05	910	457	169	590	380	563	610	525	754	518	941	516
525	275		682	379	01	876	465	145	443	337	460	607	462	758	484		
525	255	03	682	366		876	507	145	456	357	460	607	462				
528	296	02	683	412		873	515	144	428								
530	260	04	688	384	02	880	527	142	487	332	470	601	477	749	472		
536	246	06	694	385	02	884	546	149	474	338	493						
526	315	03	680	433		870	476	142	441	334	462	603	481				

Results of Radiosonde Observations,
MACQUARIE March, 1965

1100 HRS GMT.

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
	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/
01	006	060	40	006	091	5035	27	135	5070	23	182	5102	12	284	5151	05	399	198	
02	995	066	56	503	083	029	48	129	013	44	178	5066	40	285	5006	47	408	056	32
03	995	072	58	504	082	019	38	128	5020	31	176	5036	28	290	5099	13	397	193	07
04	980	072	52	509	077	004	37	123	5003	37	171	5034	32	274	5130	16	390	185	06
05	995	076	51	504	083	026	40	129	005	36	171	5024	31	282	5083	25	400	147	11
06	973	090	67	523	065	090	70	112	075	62	162	063	65	271	011	49	394	055	34
07	976	069	45	520	066	006	36	112	5019	35	160	5050	29	265	5089	24	382	169	13
08	995	070	54	504	082	016	41	128	000	39	177	5025	34	282	5080	26	400	154	14
09	977	052	50	519	067	031	47	113	5002	36	162	5037	27	267	5070	08	383	166	
10	994	067	56	505	081	036	50	128	005	42	176	5012	40	282	5074	28	401	139	18
11	993	090	65	506	081	051	55	128	030	50	177	010	47	284	5036	39	405	085	25
12	990	092	64	500	080	099	75	127	093	68	178	072	70	287	002	50	409	062	27
13	992	062	52	506	080	044	46	126	018	39	175	5015	33	280	5090	23	398	162	12
14	998	069	56	501	085	020	44	131	013	21	180	011	18	286	5059	13	406	169	18
15	987	067	50	509	077	5004	33	123	5050	25	171	5064	18	274	5133	13	390	224	06
16	012	055	42	011	095	5021	23	141	5060	19	188	5074	10	291	5100	07	409	166	05
17	999	084	61	501	088	131	48	136	107	23	186	082	18	294	5008	28	416	059	12
18	004	072	55	004	090	015	37	136	5011	29	184	5036	21	288	5114	15	406	167	
19	001	061	47	002	087	5005	30	134	5041	25	180	5070	23	283	5145	05	398	238	
20	996	071	57	503	083	018	39	129	5011	34	177	5047	27	281	5110	18	398	188	11
21	004	064	45	004	089	5019	30	134	5036	23	182	5066	12	286	5084		405	103	11
22	004	070	56	005	089	026	44	135	5004	37	184	5030	30	288	5092	22	406	138	05
23	997	080	65	502	084	050	48	130	002	40	179	5028	35	284	5081	17	402	154	15
24	002	051	37	002	087	5030	26	132	5068	22	180	5090	10	282	5133		398	138	
25	987	047	38	509	076	5020	28	121	5057	22	169	5080	18	271	5146	09	386	214	05
26	995	034	38	504	081	5036	26	126	5064	22	173	5082	20	276	5123	17	395	176	15
27	003	029	27	003	088	5046	20	132	5035	08	180	5049	13	284	5095	14	402	157	10
28	975	077	60	520	066	060	58	113	021	45	162	5003	41	268	5052	36	388	110	19
29	997	045	35	502	083	5029	26	128	5068	22	175	5006	21	277	5148		394	165	06
30	998	075	65	509	078	016	42	124	5096	37	172	5040	29	276	5119	15	393	165	13
31	976	068	47	520	066	006	36	112	5035	27	160	5089	24	262	5159	11	378	229	07

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹
01	533	247		695	300	02	893	454	161	486								
02	548	145	14	713	273	05	913	420	180	530	363	590						
03	533	231	06	692	353	03	889	445	161	459	352	478	618	503				
04	525	246	03	684	343	02	879	493	149	460	340	470	607	479				
05	536	241	04	695	368	01	887	478	154	485	343	493	609	497				
06	535	149	19	699	262	07	901	428	162	539	348	522	611	516				
07	517	265	06	674	385	02	866	509	136	449	327	452	596	476	742	500		
08	535	242	07	694	367	02	886	537	150	485	340	477	606	511				
09	520	250	07	679	331		878	432	147	457	338	489	605	496	752	510		
10	537	209	11	698	339	04	896	451	158	528	344	524	605	529	749	539		
11	544	171	11	708	291	05	908	423										
12	549	157	06	714	270	07	915	422	177	562	361	538	621	536				
13	533	261	05	691	340		890	394	165	447	358	486						
14	544	194	10	706	318	03	906	424	173	465	361	540						
15	521	312	02	675	430		870	404	146	423	341	418	612	460	759	508		
16	544	246	04	704	340	05	899	492	162	506	351	498	618	518	759	522		
17	555	144	18	721	257	07	924	403	192	525	375	600	628	603	765	583	246	570
18	541	227		702	325		900	450	171	464	359	521	62	539	763	554		
19	529	300		685	407		875	504	147	428	339	461						
20	531	297	05	686	431		874	568	139	477	329	479	595	501	742	494		
21	543	198	05	705	305	03	903	463	161	614	342	558						
22	542	235	03	701	350		895	496	156	534	342	527						
23	538	220	10	690	347	04	892	513	151	545	337	513	601	507	747	492	935	505
24	531	287		689	369		882	518	145	504	334	498	598	520	745	498		
25	519	284		676	387		868	483	138	457	329	480	594	500	740	503		
26	527	272	06	684	400	02	875	490	142	488	331	492						
27	538	223	06	698	335	02	895	474	154	585	336	547	594	557	736	557		
28	526	195	10	687	330	03	884	472	146	531	334	509	594	519				
29	529	251	03	686	380	01	878	531	141	499	330	491	592	546				
30	528	259	07	686	377	02	877	522	141	489	329	511						
31	509	332	03	663	415		855	470	127	444	319	475						

Results of Radiosonde Observations,
MACQUARIE -- April, 1965

1100 HRS GMT.

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
993	040	40	505	080	5022	29	125	5049	24	175	5083	20	275	5149	10	389	252	04
002	055	37	002	088	5023	28	133	5051	26	180	5081	17	283	5141	08	398	208	04
999	076	61	500	086	030	48	132	007	42	181	5006	42	287	5042	37	408	107	25
993	057	42	505	080	5005	34	126	5031	31	174	5053	27	277	5140	14	392	238	06
000	078	60	001	087	026	46	133	007	43	181	5025	37	286	5096	23	404	167	13
011	041	42	010	094	5035	26	139	5064	22	186	5106	17	287	5165	12	401	257	06
013	071	54	011	097	024	42	143	026	36	192	023	28	299	5052	21	418	135	17
018	070	47	015	101	043	37	148	043	32	197	028	13	304	5024		425	076	10
018	061	50	015	100	018	37	146	005	40	195	5022	36	300	5072	28	418	157	10
017	060	47	014	100	024	46	146	011	40	194	5025	31	299	5081	23	418	129	12
013	072	53	011	097	007	38	142	5013	36	191	5041	29	296	5070		415	131	06
010	066	51	009	094	000	34	140	5020	30	188	5024	31	293	5080	23	412	129	18
016	033	38	013	098	5046	25	142	5056	12	190	5056		295	5047		415	108	07
021	060	52	018	103	014	42	149	015	44	198	008	41	305	5017		426	096	07
018	062	54	015	101	5006	35	147	054	15	196	024		303	5015		424	104	
995	070	60	504	083	052	59	130	038	52	179	013	41	285	5030	21	406	109	08
989	079	61	509	078	043	53	124	018	48	173	5007	42	279	5062	31	398	122	22
996	070	58	503	083	020	41	129	5011	30	177	5035	24	282	5096	08	399	187	04
022	059	46	018	103	5006	24	149	027	11	198	010		305	5035		424	122	
022	044	49	018	104	056	49	151	035	37	200	033	14	307	5024	10	427	104	09
008	040	36	007	091	5040	26	137	5008	08	185	5050		290	5033	10	410	102	
004	011	24	004	088	5071	19	132	5102	17	178	5129	16	279	5186	07	393	224	
996	017	33	503	081	5046	24	126	5080	19	173	5112	16	275	5141	15	391	195	11
989	051	35	508	077	5016	28	122	5056	24	170	5078	21	273	5118	18	389	176	12
963	5006	31	529	055	5035	27	100	5079	21	147	5110	18	248	5188	09	361	275	04
991	014	28	506	078	5061	22	122	5101	16	169	5134	13	269	5208	06	384	181	
994	010	32	504	080	5049	24	125	5075	21	172	5089	21	274	5145	14	390	205	09
981	017	29	515	069	5058	22	114	5066	19	161	5082	17	263	5135	13	379	200	06
988	5001	26	509	074	5067	19	119	5110	16	165	5136	14	265	5212	06	377	266	
988	016	28	509	075	5056	18	119	5093	15	166	5130	13	266	5188	07	380	266	05

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
519	339	02	671	460		860	520	125	474	316	472	582	497				
531	303		688	372		880	520	141	507	327	518	590	537				
546	192	13	708	316	05	905	470	163	620	345	555	604	560	745	567		
522	336	03	678	371	02	874	434	145	468	335	505	600	513				
538	254	03	697	357	03	891	512	150	535	337	522						
531	373	01	682	445		873	456	144	457	334	487	599	510	745	502		
555	220	08	716	337	04	911	489	166	654	344	570	601	564				
564	190	07	726	318	03	923	450	181	660	357	606	611	586	751	564		
554	231	08	715	346	04	912	494	170	609	350	561	607	561	747	861	951	545
554	224	06	715	324	02	912	470	170	593	350	594	607	569				
552	196		714	313	04	912	454	170	659	345	605	599	586				
549	212	09	709	332	03	905	483	160	643	338	598	593	580				
553	205	04	714	335		909	495	163	608	343	577	599	574	741	570	923	577
564	200	04	726	325		922	474	179	665	353	619	607	586				
562	200		723	325		920	481	176	640	355	590	612	556				
545	205	10	707	313	05	904	482	160	566	344	550	604	544	747	545		
536	209	11	697	321	04	894	472	157	511	340	482	609	510	752	548		
532	304	02	686	443		878	461	149	457	340	471	606	529				
562	199		723	321		920	476	180	567	362	567	620	550				
565	209	08	726	319	02	924	457	183	608	364	585	617	606	757	580	958	572
548	214		709	321		906	460	165	590	346	567	603	563				
526	243		686	349		882	477	143	521	328	525	589	551				
525	272	05	682	386	02	873	508	136	503	323	538	582	568	723	584		
523	270	06	681	384	02	873	524	132	524	317	522						
490	387	02	641	418		837	407	111	442	303	476						
518	268	06	676	377	02	868	536	125	558	310	534						
522	294	05	678	392	02	870	520	130	528	317	525	580	510	724	556		
511	300	02	666	445		854	536	120	486	309	486						
507	355		658	470		846	505	112	497	301	497						
510	319	03	664	424		853	537	117	515	302	525						

Results of Radiosonde Observations,
MACQUARIE May 1965

1100 HRS GMT.

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING
	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/
01	993	022	36	502	083	5052	25	128	5057	25	175	5086	21	278	5116	15	395	185	08
02	016	027	31	013	098	011	26	144	011		192	011		299	5039	16	420	091	16

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE
	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	283	03	685	400	01	876	534	133	566	315	574	569	586				
02	558	197	11	720	313	03	917	487	170	688	343	646	592	628	730	613	909	612

Results of Radiosonde Observations,
MACQUARIE December, 1965

1100 HRS GMT.

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
001	058	54	901	087	015	30	133	000	19	182	5002		288	5043	09	407	110	22
993	044	41	505	080	5032	26	125	5061	22	173	5095	19	275	5137	05	391	220	05
990	039	38	508	077	5022	32	122	5051	29	169	5095	21	272	5137	03	387	205	06
987	024	35	510	075	5041	26	120	5062	24	167	5098	20	269	5137	16	385	218	08
984	019	31	512	073	5050	24	117	5083	19	164	5114	16	266	5176	10	380	215	04
980	018	32	516	069	5044	25	113	5080	20	160	5120	15	261	5177	10	376	239	03
985	021	29	512	073	5040	24	118	5075	21	165	5103	19	267	5153	14	382	210	09
991	035	39	507	078	5014	35	123	5030	33	171	5047	31	276	5098	23	393	163	15
973	012	37	521	063	5045	26	108	5070	23	155	5095	19	253	5125	17	374	192	11

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
545	201	07	707	205	04	906	460	172	482	360	537	62	543				
522	300	04	678	405		869	473	143	427	336	449	607	473				
520	299	05	675	413													
517	295	04	673	393	01	864	532	130	460	322	440						
512	291	02	668	396	01	859	520	125	463	317	449	588	452				
508	297	02	664	385		855	532	123	443	317	434	590	433	740	432		
515	286	02	671	395	01	863	495	131	458	323	465						
529	225	10	690	330	04	886	483	149	492								
508	233	06	665	400	02	861	589	138	415	331	450	601	476	748	484		

Results of Radiosonde Observations,
MACQUARIE ISLAND, JAN., 1965

2300 HRS GMT.

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
	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
01	004	072	57	004	090	007	38	135	5023	33	183	5040	23	287	5098	15	405	154	12
02	989	071	60	508	078	040	51	124	019	46	173	5010	37	279	5052	20	399	078	27
03	976	062	47	519	066	004	32	112	5029	26	160	5060	18	263	5133	11	379	215	04
04	989	081	41	509	077	005	32	123	5054	27	171	5056	17	274	5127	11	390	224	08
05	995	096	32	503	081	5029	20	126	5074	15	173	5107	14	275	5151	05	390	227	
06	008	041	34	007	091	5043	20	136	5075	16	183	5118	15	284	5133	05	401	187	
07	015	075	57	013	099	025	42	145	012	43	194	017	47	301	5036	35	422	102	17
08	021	060	48	018	103	5014	34	148	5030	19	197	004	10	304	5014	10	425	099	08
09	021	074	50	018	105	100	21	152	085	24	202	074	22	311	014	16	434	065	
10	014	078	47	012	099	095	60	147	095	56	197	081	50	305	000	23	427	061	13
11	007	091	66	006	093	079	65	141	075	34	191	056	21	298	001		420	066	
12	990	095	68	508	080	090	71	127	070	60	177	055	54	285	000	41	407	069	28
13	986	063	49	511	075	054	52	121	040	50	171	008	45	277	5056	26	397	106	08
14	999	075	55	500	086	026	44	132	5007	36	181	5005	19	287	5043	29	408	084	25
15	001	070	49	002	087	5010	33	133	5008	34	181	5015	20	287	5038	10	407	115	09
16	013	067	38	010	096	014	24	142	022	10	191	5003	23	295	5042	31	416	116	20
17	999	083	56	501	088	101	66	135	126	38	186	112	52	296	036	45	419	056	33
18	986	095	70	511	076	080	73	123	056	60	173	025	49	280	5002	25	403	049	16
19	991	077	62	507	080	035	48	126	010	41	174	5020	32	280	5070	15	398	144	06
20	995	051	34	505	080	5025	28	125	5059	24	172	5077	23	275	5129	05	391	184	04
21	994	065	50	505	081	5004	36	127	5023	34	175	5045	30	279	5102	20	396	179	12
22	000	053	45	001	086	000	36	131	5030	29	179	5062	25	283	5121	18	400	199	11
23	013	074	44	012	096	5023	28	142	5006	25	190	5028	16	298	5080		414	134	05
24	027	068	40	022	107	5035	27	152	5005	23	201	5029	17	306	5043	12	426	120	13
25	029	076	42	024	109	5025	32	155	068	18	203	5010	12	310	5026	10	430	106	13
26	021	073	49	018	102	5017	30	148	5032	27	196	5029	10	302	5038	09	422	116	10
27	014	073	41	012	097	5068	25	143	5012	23	191	5043	18	295	5099	06	413	144	06
28	015	083	46	013	098	5006	26	144	5040	21	191	5032	19	296	5046	15	416	098	11
29	014	061	33	012	097	5030	26	142	5005	25	191	5007	22	297	5009	13	419	080	17
30	007	083	55	006	092	014	33	138	005	35	187	5010	37	293	5043	34	413	105	22
31	994	083	61	504	082	025	41	128	002	37	177	5013	31	282	5082	14	400	155	07

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹
01	540	257	06	698	382	02	889	545	150	485	540	476	608	472	785	485		
02	539	161	16	704	271	06	906	401	181	406	378	404	655	392	808	339		
03	511	314	03	665	434		866	439	131	405	327	406	603	437				
04	522	305	04	677	412		888	501	139	425	333	422	608	422	759	426		
05	521	320		675	425		865	497	134	446	327	439	599	454	747	453		
06	535	232		697	298	03	894	455	166	490	350	484						
07	560	187	06	722	320		920	469	182	508	369	541	630	530				
08	564	175	11	727	292	04	926	449	185	636	362	584	613	569	760	550	947	525
09	573	169		736	294	01	935	457	194	613	374	572	632	563	775	551		
10	567	149		732	275	03	932	442	192	630	374	550	635	521	779	521	967	501
11	560	165		724	298		922	457	182	583	367	516	629	528	774	507	965	486
12	547	180	07	711	288	04	910	440	176	518	364	492	630	486				
13	534	203	06	696	315	02	892	492	160	449	351	485	617	490				
14	547	174	15	710	294	06	909	458	169	555	355	525	619	490	765	801		
15	544	219	05	706	514		902	488	170	472	359	485	625	500	778	507	960	476
16	554	185	07	717	308	04	916	456	180	466	367	516	630	513	769	528		
17	557	142	18	726	245	09	929	409	193	529	377	551	636	529				
18	544	128		710	257		912	417	131	516	367	516	630	534				
19	533	256	03	693	314		895	415	167	420	361	429	633	463				
20	526	250	02	684	365	02	879	446	185	400	349	459	618	475	765	490		
21	534	284	05	687	378	02	880	520	152	421	348	453	613	466	763	458		
22	533	266	06	691	371	02	886	469	157	433	350	455	619	483				
23	550	244	05	710	332	03	905	495	167	473	357	488	626	503	772	491		
24	564	184	08	726	310	02	924	475	182	552	367	514						
25	568	192	06	730	314	02	927	490	184	592	367	528						
26	559	201	11	722	319	04	918	475	175	598	359	526	621	524				
27	549	240	03	708	356		902	506	163	518	350	515	615	507				
28	554	194	06	717	310	03	914	459	175	568	359	534	621	506	767	493		
29	558	154	06	723	275	04	927	436	185	659	364	585						
30	551	200	10	713	316	03	910	462	172	564	357	538	619	530	764	500	952	499
31	556	224	04	696	350	02	890	462	163	445	354	475	621	489	767	504	955	489

Results of Radiosonde Observations,
MACQUARIE February, 1965

2300 HRS GMT.

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
996	050	39	503	083	5008	30	128	5024	30	176	5080	20	280	5104	13	397	180	07
998	087	61	501	087	010	48	134	110	48	184	075	27	293	005	17	415	086	10
991	080	51	506	080	000	34	125	5036	24	173	5055	20	276	5129	13	393	191	09
992	063	36	506	079	5015	26	124	5049	20	172	5090	18	274	5102		392	152	
003	050	39	003	088	000	36	134	001	39	183	5017	39	288	5048	34	409	092	28
002	055	36	002	087	012	09	133	010	11	181	5005	14	287	5077	07	405	132	
007	057	42	006	092	5022	30	137	5031	26	185	5031	13	290	5058	08	409	119	13
996	075	58	503	084	023	44	133	000	39	178	5032	30	283	5065	12	402	125	13
996	090	55	503	063	004	36	128	5023	29	177	5056	22	280	5122	14	397	208	04
982	065	42	515	071	000	32	117	5038	27	165	5060	20	268	5126	12	384	212	08
992	052	42	506	080	015	31	125	5044	26	173	5067	23	276	5130	11	392	212	04
004	060	29	004	089	5034	23	133	5063	20	182	5023		287	5068	21	408	103	23
998	070	49	502	085	002	35	130	5028	30	178	5054	26	282	5114	18	400	161	10
993	062	36	505	081	5025	25	126	5068	21	173	5046	08	277	5086		395	160	10
998	054	43	501	084	5028	29	129	5036	26	177	5036	23	283	5058	14	402	126	06
993	055	35	506	080	5036	26	125	5047	15	173	5052	10	277	5072	16	396	139	06
005	055	40	005	089	5032	28	135	5004		184	5023	14	289	5054	08	409	127	08
002	069	45	002	088	5010	33	133	5013	20	181	5036	13	285	5096	08	403	174	08
997	070	60	502	085	040	52	131	008	40	180	5017	33	285	5080	20	403	154	11
008	085	44	007	092	5019	26	138	5041	20	185	5026	11	290	5077	08	409	147	08
976	068	54	517	068	008	37	114	5015	32	162	5047	29	267	5073	25	386	150	13
990	080	68	507	079	034	44	126	009	37	174	5007	29	280	5077	24	398	142	15
988	078	56	509	077	016	36	123	5020	30	170	5048	19	274	5115	12	390	203	06
996	075	50	503	083	5003	31	128	5030	21	176	5061	13	280	5125	09	395	214	06
998	073	45	501	085	5014	30	130	5050	24	178	5073	16	280	5145	11	396	200	03
993	078	62	505	081	011	37	127	5014	33	175	5039	28	279	5112	18	395	160	06
993	078	50	505	081	005	30	126	5037	24	174	5051	15	278	5103	06	396	166	
001	066	38	002	087	5025	26	132	5040	11	180	5081	10	282	5155	08	397	223	04

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
531	260	03	649	366													
554	143	15	720	264	05	921	425	183	577	368	528						
526	273	04	684	373	03	877	464	151	415	346	428	618	457	766	470	956	476
527	254		685	357	03	880	440	154	407	348	445	618	473	766	473		
548	184	13	711	292	06	910	427	174	557	360	495	625	510				
542	191		704	323		900	473	164	501	352	495	617	502	763	501	951	496
547	190	11	709	304	04	907	454	168	546	355	505						
539	220	08	701	317	03	898	469	161	489	358	489						
529	283		687	358		894	461	156	412	358	433	622	452	770	466		
516	306	04	671	427		865	382	143	394	348	408	613	435	762	449	954	470
523	318	02	678	404		875	384	153	386	349	437	619	476				
547	168	16	711	283	07	918	435	174	490	365	481	630	493	777	488	965	490
534	274	01	693	325		893	375	171	406	364	453	651	510	776	490		
531	237	06	691	341	03	888	391	165	413	359	461	626	493	772	494	962	477
539	200		700	328		897	461	167	449	359	475	626	485				
533	208		693	331		868	503	155	454	347	459	615	488				
546	215		706	365		900	504	163	486	352	486	619	495	765	492	954	486
537	255	03	696	370	01	890	482	156	474	347	472	614	486	761	482		
538	262	06	695	381	02	887	535	153	452	345	465	612	491	759	482	948	485
545	221	05	705	334	02	902	477	161	530	349	502	613	515	758	510		
521	234		681	330		880	395	153	457	343	484	609	485	756	485	945	497
534	242	06	693	370	02	885	508	150	461	342	468	612	453	759	460	950	478
522	320	03	676	423		868	459	142	431	335	435	607	459	755	459	946	472
527	329	03	681	420		871	496	144	416	338	455	610	453	758	462	950	465
529	305	04	683	427		873	512	142	452	336	450	606	457	755	466		
530	264	03	687	394	01	899	496	146	468	336	469	605	466	752	468	943	466
530	265		688	374		881	487	148	452	339	467	608	480	755	467	946	479
528	320	02	683	419		875	443	149	429	342	443	612	470	760	470	950	470

Results of Radiosonde Observations,
MACQUARIE March, 1965

2300 HRS GMT.

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
	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/
01	007	060	35	006	091	5012	16	137	5006		185	5024		291	5031	29	412	078	28
02	990	080	60	508	079	022	41	125	5019	33	173	5019	29	278	5066	08	398	094	08
03	987	060	46	510	076	5006	30	121	5044	18	169	5068	15	271	5145	07	387	226	06
04	995	088	64	504	083	018	44	129	5010	36	177	5035	31	281	5090	21	399	148	14
05	991	083	68	507	080	053	59	127	024	49	176	5004	45	282	5011	14	403	090	15
06	967	081	59	527	059	034	45	106	000	38	154	5023	34	259	5073	24	378	139	11
07	991	061	43	506	079	5019	27	124	5052	19	172	5092	14	274	5125	06	391	188	04
08	986	093	66	511	076	073	63	123	069	56	173	095	45	280	5031	25	402	075	13
09	992	060	44	506	080	5024	24	124	5064	19	172	5091	18	274	5130	08	391	180	05
10	994	083	67	504	082	054	59	129	030	53	178	012	51	285	5022	43	406	086	28
11	001	077	60	002	088	040	52	134	009	39	183	000	39	289	5045	34	410	079	28
12	988	072	60	510	077	047	49	124	045	53	173	022	52	280	5015	44	402	060	34
13	004	091	65	004	090	016	47	136	5009	32	184	5016	22	290	5072	08	408	145	
14	988	077	53	510	077	015	36	122	5017	24	170	5045	16	274	5109	08	392	148	05
15	001	068	43	001	087	5016	32	132	5064	24	179	5095	18	281	5156	12	396	234	04
16	009	074	58	008	094	045	57	141	025	50	190	018	49	297	5027	41	417	100	24
17	001	076	47	001	087	026	27	133	007	17	181	5016	12	286	5086	10	405	121	12
18	999	083	60	500	086	034	45	133	006	40	181	5027	33	286	5095	18	403	170	12
19	002	072	49	002	088	5009	33	133	5039	30	182	5060	20	284	5131	11	400	223	06
20	003	071	48	003	088	5012	30	134	5044	21	181	5070	14	284	5144	06	399	239	03
21	002	067	52	002	088	009	37	134	5005	37	182	5030	33	287	5076	25	406	137	16
22	003	061	54	003	089	010	29	134	5014	28	182	5060	19	288	5057		407	131	
23	999	061	43	501	086	5017	28	131	5034	17	179	5070	08	282	5135	09	398	200	09
24	984	072	58	513	074	030	48	120	5005	38	168	5039	32	272	5096	12	390	149	13
25	997	050	36	501	084	5028	23	129	5071	19	176	5107	16	278	5113		395	169	06
26	001	059	29	002	086	5040	23	131	5075	20	178	5112	06	280	5125	07	397	184	07
27	991	071	51	507	079	001	35	124	006	38	173	5002	40	280	5036	38	400	096	24
28	987	018	36	510	074	5039	23	119	5065	13	166	5107	12	267	5171	10	381	252	03
29	997	077	60	502	084	030	42	130	5007	32	179	5036	28	283	5059	08	403	106	
30	983	076	53	513	073	027	43	119	002	38	167	5026	33	272	5094	21	390	168	12
31	980	060	48	516	070	5005	35	115	5037	30	163	5064	26	266	5134	15	381	230	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	552	145	19	718	239	10	922	386	187	613	365	615	619	579	761	540		
02	537	184	05	699	308		898	417	168	482	356	512						
03	519	298	04	675	570	02	872	395	147	430	341	450	510	472	758	480	947	485
04	565	224	09	725	342	02	919	506	185	472	376	464	643	489	790	452		
05	543	169	13	706	292	05	906	438	168	587	352	521	615	528	760	495		
06	514	230	03	674	353	02	868	460	142	405	356	455	606	461	754	507	942	502
07	525	271	03	682	377		876	486	145	444	337	457	606	470	754	475		
08	540	183	09	704	295	03	901	480	162	524	381	493						
09	525	254		684	349		878	507	146	436	339	465	608	480				
10	546	175	15	709	288	07	909	421	172	591	356	543						
11	550	162	15	715	255	07	918	398	181	580	365	527	625	544				
12	543	137	19	709	247	08	912	410	176	523	363	530	623	542	766	528		
13	544	237	04	704	346		900	456	169	467	359	497	623	502	768	506		
14	527	250	03	685	358	01	882	425	155	433	348	474	614	485	760	497		
15	528	276	02	685	382	01	878	469	149	435	341	459	610	492	757	490	946	492
16	555	186	07	718	286		917	447	180	528	364	562						
17	542	215	07	703	308		895	412	177	473	365	514	625	544				
18	538	245	05	697	343	02	893	474	158	490	347	511	611	517	755	519		
19	540	316	02	687	407	02	876	552	142	455	335	471	601	481				
20	529	349	02	684	402		877	460	146	465	337	479	603	494	750	495	938	494
21	543	212	09	704	320	04	902	463	160	593	345	535						
22	543	226		703	355		897	500	156	520	341	525						
23	531	283	06	687	386	02	879	530	144	486	394	495	599	492	745	498	935	502
24	526	236	04	685	355	03	879	504	143	478	333	495	598	504				
25	531	236	06	689	380	02	881	541	143	487	333	474	599	502	744	507		
26	530	255	03	689	357		885	467	149	504	337	506	600	515				
27	539	185	12	701	308	05	900	459	160	576	345	521						
28	511	319		666	415		860	399	135	434	327	473	593	515	738	497		
29	540	227	08	700	331	02	896	491	153	550	339	526	601	519	745	519		
30	524	276	05	680	414		869	518	136	463	327	478	593	493				
31	511	344	02	663	476		852	466	123	434	316	459						

Results of Radiosonde Observations,
MACQUARIE April, 1965

2300 HRS GMT.

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
000	060	45	001	086	5011	27	131	5057	22	179	5070	10	281	5153	07	396	220	04
000	072	54	001	087	010	41	132	5016	36	181	5047	30	285	5091	23	403	148	16
989	079	60	509	078	050	58	125	035	56	174	020	51	281	5023	42	402	085	50
006	061	48	006	091	5001	36	137	5010	29	185	5038	19	289	5081	22	408	140	14
009	060	41	008	093	5026	21	138	5064	19	185	5086	08	287	5163	04	402	234	
009	068	52	008	093	002	38	139	022	48	188	000	45	294	5069	27	412	141	15
020	069	54	017	103	078	28	150	072	26	200	050	26	308	5017	13	428	103	10
015	074	54	013	099	022	45	145	080	39	193	5016	30	299	5041	11	419	130	06
018	051	44	015	100	5029	29	145	5084	30	194	5016	26	299	5078	18	417	145	10
015	073	48	014	099	5012	33	145	040	14	194	031	12	301	5038	15	421	105	08
016	065	34	013	099	006	38	145	001	40	193	5015	37	298	5065	29	417	148	15
004	073	58	004	090	014	42	136	000	41	181	5020	37	287	5052	31	407	119	12
021	051	37	017	102	5035	19	148	098	10	196	5006		303	5024		423	104	15
021	066	51	017	103	5003	34	149	052	18	198	039	13	306	5010		427	091	
009	076	51	008	094	5010	38	140	059	13	189	050		297	5024	10	416	097	
993	080	63	506	081	065	53	127	028	38	176	009	35	282	5057	28	402	122	15
990	070	59	508	079	026	49	125	5006	33	179	5039	21	277	5103	12	394	185	04
014	039	27	012	096	5056	18	141	5094	16	187	5125	14	291	5086		409	131	
026	072	56	022	110	144		158	100		208	070	19	316	5005	11	438	058	
013	056	46	010	096	5020	30	142	5005	12	190	5023		295	5061		415	106	
000	028	33	001	085	5058	20	129	5000	20	176	5110	17	278	5137		394	169	05
004	028	30	004	088	5046	25	133	5061	24	180	5113	18	283	5086	19	401	146	16
999	044	38	000	085	5026	17	130	5015	09	178	5040	21	284	5067	08	402	139	06
979	032	38	517	068	5029	27	113	5062	21	160	5095	17	262	5172	11	377	228	07
981	021	25	515	070	5040	19	114	5084	16	161	5115	13	262	5185	06	376	266	02
992	001	27	504	079	5064	19	124	5099	16	170	5131	12	271	5176	10	386	204	09
970	038	40	524	061	5010	32	106	5040	29	154	5071	24	257	5141	15	372	213	08
985	005	32	512	072	5060	21	117	5082	19	164	5104	17	265	5184	11	379	252	07
987	5010	30	510	074	5068	21	118	5101	17	165	5134	14	265	5207	08	377	280	05
991	014	28	507	077	5055	21	122	5091	17	168	5121	15	270	5153	08	387	182	

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
528	322	03	681	440		869	545	133	493	321	499	568	480	734	500		
539	232	08	699	351	04	894	496	153	507	340	527	600	556	742	549		
541	169	13	705	286	06	905	440	164	639	345	552	604	550				
543	236	08	704	337		899	509	157	556	343	552	603	551	748	505		
533	309		669	400	01	860	510	145	487	334	485	600	493				
549	223	08	709	349	03	903	501	160	580	343	543	608	525				
566	213	09	727	329	04	925	440	184	641	360	599	615	574	757	542		
554	210		715	325		912	469	171	610	352	556	610	567				
553	242		711	370		905	509	162	555	346	545	605	557	747	534		
560	184	08	722	290	05	920	443	179	642	354	645	608	598	747	573		
554	226	09	715	310	05	913	465	168	642	347	590	605	558				
544	205	10	705	334	03	901	479	157	613	338	563						
562	190	11	724	318	04	921	474	177	638	354	601	668	584	749	555		
565	132		728	307	02	925	463	181	653	358	581	613	561				
555	205	05	717	325		913	486	170	604	355	558	602	545	753	545		
539	216	06	698	358	02	893	487	157	506	344	522	605	537	749	531	534	546
527	300		682	416		874	454	145	464	335	487	601	501	746	520		
545	226		705	328	02	902	470	165	532	351	516	613	532	757	532		
579	155		743	292		941	470	200	567	381	566	637	504				
553	211		714	313		912	454	174	573	357	555	614	570	756	573		
530	241		683	361		884	473	144	529	330	529	590	545				
537	227	08	697	344	03	892	481	152	578	336	536	594	554	736	563		
538	260	06	696	371	03	888	537	140	597	322	548	581	554				
508	315	02	663	405		854	520	118	500	306	525	567	535				
535	348	02	659	432		851	469	116	502	304	507	566	536	709	505		
519	290	05	676	386	02	868	524	128	539	315	527	577	519	721	524		
504	320	03	658	409		851	463	121	460	312	467	579	501				
508	360	02	661	435		852	466	121	470	311	482	579	480	725	501		
507	344	02	659	449		848	510	113	470								
520	294	02	676	400	01	867	541	127	538	313	544	571	543	714	555		

Results of Radiosonde Observations,
MACQUARIE · May 1965

2300 HRS GMT.

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBAR	
	PRESSURE	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE
	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
01	009	028	37	007	090	5026	30	135	5049	23	183	5057	20	287	5094	03	405	153
02	016	060	56	013	099	084	47	145	074	30	196	055	29	302	5039	29	423	100
03	015	058	49	013	098	002	38	144	5009	32	190	5046	20	296	5084	07	414	155
04	993	059	55	505	081	004	39	126	5028	32	174	5058	28	278	5121	12	394	176
05	003	025	30	003	087	5055	22	131	5078	23	178	5095	18	280	5155	10	395	221
06	019	055	50	016	101	000	39	147	5025	36	195	5045	30	300	5066	15	419	145
07	029	040	37	024	109	039	19	156	006	23	204	5033	21	309	5063	14	428	143
08	016	056	45	014	099	004	38	145	5009	37	193	5026	35	298	5063	31	417	146
09	010	060	53	009	095	050	50	142	027	38	191	5010	31	295	5081	21	414	142
10	008	061	53	007	093	032	48	139	061	41	187	5025	33	293	5029		413	100
11	009	056	50	008	093	014	39	140	041	42	189	002	29	294	5043		415	101
12	992	058	52	506	081	054	54	127	022	43	176	5005	39	282	5057	29	401	140
13	006	053	36	006	090	5011	09	136	5031	09	184	5020	20	289	5080	12	407	154
14	010	066	54	009	095	044	52	141	020	46	190	5015	37	295	5080	26	413	141
15	002	061	55	002	088	042	55	134	011	44	183	5006	41	289	5062	30	408	138
16	984	052	42	513	073	5007	34	118	5040	29	166	5072	21	269	5135	13	384	210
17	977	066	54	519	067	025	45	113	5014	35	162	5045	29	266	5106	12	383	181
18	986	022	40	511	074	5046	26	118	5071	19	165	5105	15	266	5179	06	380	273
19	977	032	44	520	065	5010	35	110	5039	28	158	5066	23	261	5140	13	376	215
20	960	026	41	533	052	5001	37	098	5031	35	146	5060	24	249	5127	14	365	210
21	968	023	30	526	059	5036	17	104	5084	14	151	5115	13	251	5197	09	364	272
22																		
23	983	003	34	513	071	5049	25	116	5078	21	163	5122	13	263	5198	03	376	284
24	996	000	25	502	082	5076	14	126	5109	11	172	5144	10	272	5218	03	384	264
25	013	007	27	011	094	5073	18	138	5107	15	185	5140	13	287	5150		401	221
26	025	024	22	020	104	5070	21	148	5033	08	196	5035	04	301	5082		419	144
27	016	054	49	014	099	5007	36	145	5013	37	192	5058	27	297	5083	23	415	153
28	000	060	53	001	087	032	48	133	004	40	181	5018	36	287	5074	18	405	142
29	997	060	51	502	084	007	39	129	5020	31	177	5052	26	281	5100	07	398	179
30	003	062	52	003	088	5008	34	134	030	08	183	010		289	5071		407	156
31	995	053	53	504	082	031	48	128	000	41	177	5011	40	282	5065	29	401	135

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBAR	
	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-
	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.
01	540	248		700	334		895	497	150	627	328	616	579	608	718	607		
02	561	195	13	723	319	04	921	470	176	694	348	634	599	621				
03	548	268		705	398	01	896	518	153	601	334	567	588	601	727	600		
04	528	256		686	371		879	326	140	536	326	527	585	566	726	584		
05	526	325	03	681	421		871	546	132	508	320	508						
06	554	245	06	713	378	02	905	546	156	637	333	572	592	562				
07	563	248	03	722	348	02	917	515	169	662	346	595	600	597	799	595		
08	553	250	07	711	370	03	904	510	158	626	337	576	593	574				
09	550	216		711	343		904	517	156	641	334	574	589	610	738	602		
10	551	197	04	713	320	03	910	472	166	684	339	621	592	600	731	607	909	61
11	554	175		716	321		912	484	167	674	342	634	594	615	739	600	913	62
12	537	237		696	361		889	509	147	558	331	534	591	555				
13	542	254	07	700	381	03	892	526	152	496	342	523	600	589	740	568	921	59
14	549	235	07	708	357	03	902	521	186	588								
15	544	230	08	704	354	03	898	504	151	617	332	570	589	577	730	566		
16	517	305	04	672	426		860	570	122	507								
17	516	295	04	673	381	02	865	516	124	535	309	544	569	559	711	557		
18	508	377	01	660	465		847	528	113	480	302	400	566	555	709	534		
19	508	319	04	661	454		846	611	107	515	295	504	558	530	702	526		
20	497	321	02	650	454		836	523	102	482	292	479	539	494				
21	493	354		646	452		835	519	099	495	288	481	557	485	705	545	889	524
22																		
23	504	393	02	653	489		841	504	108	456	300	468	568	475				
24	513	353	01	666	438		856	515	117	531	302	538	562	532	706	547		
25	534	301		689	417		878	553	133	596	315	567	574	562				
26	555	247	03	713	380	01	905	537	156	668	335	577						
27	551	253	03	708	384	01	899	557	153	879	336	578	591	571	731	598		
28	542	230	05	701	360	01	894	524	146	623	329	569	587	558	727	611	907	601
29	532	273	05	688	406	02	877	566	135	567	318	557						
30	543	242		701	371		893	541	142	633	321	561	577	555				
31	537	240	06	696	361	03	889	530	145	554	328	556	587	551				

Results of Radiosonde Observations,
MACQUARIE June, 1965

2300 HRS GMT.

SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
PRESSURE	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	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
90	059	53	508	078	008	37	124	5026	31	172	5060	17	275	5116	09	391	204	05
97	067	56	502	084	050	53	131	017	44	180	5016	37	285	5076	24	403	194	10
95	062	51	503	082	011	38	128	5005	36	176	5032	31	281	5094	21	398	176	12
79	061	51	517	069	009	39	115	5025	31	163	5085	26	266	5116	06	382	209	
89	022	35	509	076	5044	23	121	5072	20	168	5089	18	270	5141	09	386	227	03
74	052	56	521	065	035	52	111	016	48	160	000	45	266	5054	41	387	096	23
67	029	40	527	058	5024	27	103	5066	21	151	5094	18	252	5164	12	367	235	07
97	015	24	502	082	5065	18	126	5103	15	173	5154	10	273	5197	08	386	270	
96	014	22	502	082	5061	16	127	5103	15	174	5090	06	276	5136		392	200	04
82	014	40	514	070	5038	25	115	5077	16	162	5104	14	263	5177	09	377	269	03
88	5034	26	509	074	5095	16	117	5126	11	163	5164	06	262	5249	04	373	285	
04	032	41	004	088	5041	26	133	5056	22	181	5090	20	283	5134	14	399	180	10
09	030	40	008	093	013	36	139	029	52	188	006	23	294	5050	09	415	100	
11	062	52	010	096	046	22	142	034	11	191	014		297	5065	09	415	147	07
02	064	52	003	089	042	50	135	021	44	184	5010	35	290	5041	10	409	136	08
94	044	45	504	081	5022	32	127	5054	26	174	5085	22	276	5148	14	391	235	05
72	050	21	517	069	006	36	115	5034	29	163	5070	23	265	5129	10	381	222	06
88	017	35	502	083	5041	25	127	5069	20	174	5104	15	276	5163	09	390	250	03
76	034	33	519	066	5029	26	111	5067	22	158	5080	23	261	5135	16	376	238	07
79	044	39	517	068	5024	21	113	5061	20	161	5098	17	262	5167	08	376	234	03
90	024	33	508	077	5051	24	122	5080	21	169	5115	17	270	5181	11	383	274	05
03	006	32	003	087	5066	20	131	5101	17	178	5128	15	279	5155	07	394	248	06
00	044	42	001	085	5031	25	130	5050	10	178	5073	15	281	5121	14	398	182	08
01	050	50	002	087	003	39	133	5010	37	181	5045	30	285	5101	22	402	181	12
21	039	39	017	102	5033	30	147	5035	28	195	5064	22	298	5127	13	414	204	07
27	044	41	022	107	027	17	153	002	10	201	5036	08	305	5105		422	191	
26	046	46	022	107	5006	36	153	5024	31	201	5027	29	305	5096	16	425	167	07
23	054	52	019	105	5005	39	151	020	23	200	5017	18	305	5075	07	424	108	
14	032	35	012	097	5013	31	142	5018	31	191	5046	28	295	5103	16	412	171	08
20	008	28	017	099	5082	20	144	5055	08	192	5038		296	5111	11	413	192	

500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE
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
24	514	03	679	409		871	475	139	473	327	503	591	516	736	852		
39	252	04	697	371	02	889	522	145	544	352	520	596	499	742	503	930	509
32	285	03	688	413		880	491	145	507	352	502	600	473	747	475	937	471
15	292	05	670	418		881	485	128	477	318	478	587	465	735	478		
18	314		672	431		860	532	122	506	312	466	581	463				
26	195	10	688	299	05	886	466	146	528	335	529	594	547				
98	310	04	653	416		843	496	113	438	306	438	578	441				
15	345	02	667	461		853	600	112	499	301	495	566	495	712	493		
25	281	02	682	401		872	548	124	559	309	513	573	509	718	509		
06	365	01	657	427		850	470	110	464	307	493						
01	365		653	436		844	505										
33	287	05	689	409		879	542	130	514	309	613	563	593	703	893		
53	201		715	315	02	911	486	166	657	340	650	590	628	729	801	907	622
50	261	03	707	399		898	535	184	589	335	567	592	559				
15	237	04	704	372	01	896	532	147	605	327	577	584	589				
22	348	01	674	458		862	545	122	552	307	542						
2	315	02	566	433		857	520	118	530	303	538						
22	238	02	677	418		865	567	124	522	308	565						
06	331	01	659	461		848	527	109	517	296	527	555	572	697	572		
08	302	02	663	437		850	570	107	561	291	561	547	590	687	596		
1	381	02	661	501		848	545	107	557	289	577	544	580				
23	353	03	675	475		860	583	117	560	300	560	557	561	699	564		
32	277	03	688	415		876	582	130	588	319	555	572	559	714	443		
16	265	06	693	381	02	886	534	138	581	321	535	580	544				
16	301	03	701	429		888	598	135	605	316	551	576	532	719	547		
5	308		709	419		897	572	146	647	324	595	577	589	717	594	899	578
18	263	06	716	369	02	910	514	159	722	331	661	580	621	718	621	895	640
1	210		722	329		918	492	173	690	341	701	587	659	723	646		
16	270		703	400	01	893	531	146	643	324	620						
6	286	02	702	411		891	563	140	650	317	655	568	622				

Results of Radiosonde Observations,
MACQUARIE July, 1965

2300 HRS GMT.

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBAR	
	PRESSURE	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE
	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
01	006	046	44	006	091	013	40	137	5024	30	185	5040	26	289	5106	18	406	171
02	998	046	42	501	084	5002	35	130	5019	23	178	5029	15	282	5096	10	399	170
03	996	047	53	503	083	014	46	129	5012	40	177	5044	33	281	5111	20	398	197
04	997	043	41	502	083	5020	27	129	5010	19	177	5042	16	281	5102	06	398	183
05	007	026	35	006	090	5047	25	135	5080	22	182	5105	19	284	5169	12	397	262
06	009	010	33	008	092	5025	75	138	5034	08	185	5046		289	5100		406	184
07	009	032	43	008	093	5025	33	138	5055	27	185	5081	22	288	5129	14	405	189
08	022	004	28	018	101	5045	17	146	5065	09	193	5081		297	5072		415	172
09	024	042	46	022	107	020	37	153	5008	30	202	5053	27	306	5057		425	143
10	025	030	31	020	104	5048	22	150	025		199	003		305	5072		423	148
11	009	032	35	007	092	5030	24	137	5044	19	184	5073	12	287	5151	09	403	213
12	002	035	38	002	087	5028	29	132	5044	28	180	5033	31	285	5090	22	403	172
13	998	031	33	501	083	5043	24	128	5081	15	175	5080		280	5078	08	398	178
14	979	046	46	517	067	5006	37	113	5031	30	161	5068	21	262	5120	13	378	207
15	981	024	32	515	070	5038	25	115	5064	23	162	5082	21	265	5139	14	380	220
16	985	001	25	512	072	5056	18	116	5096	13	163	5142	12	263	5196	08	377	276
17	995	034	43	503	082	5004	35	127	5096	35	176	5033	32	280	5091	22	398	168
18	992	043	38	506	079	5028	24	124	5072	19	171	5110	14	273	5130		389	210
19	015	021	23	013	096	5074	18	141	5185	16	187	5135	09	288	5160		405	169
20	004	057	46	004	090	009	44	135	5027	36	184	5027	32	288	5102	21	405	184
21	010	044	36	009	093	5040	25	138	5009	09	187	5029	18	291	5112	13	407	196
22	008	039	39	007	092	5009	19	137	5010		185	5039		290	5100		407	184
23	008	026	40	007	092	5001	31	138	5014	19	186	5036	13	290	5110	06	407	175
24	997	051	53	502	083	5006	38	129	5025	35	177	5066	26	280	5116	20	397	199
25	980	020	40	516	069	5023	32	114	5048	29	162	5067	26	265	5127	14	381	204
26	984	051	51	513	073	5007	36	118	5026	29	166	5065	23	269	5114	19	386	199
27	984	029	32	509	076	5042	24	121	5045	08	169	5081		271	5159		384	269
28	983	021	34	513	071	5040	23	116	5088	18	163	5121	11	264	5191	05	373	281
29	995	019	28	503	081	5057	21	125	5092	18	172	5129	13	272	5190	05	385	287
30	013	036	44	011	096	5021	32	141	5036	30	189	5069	24	292	5129	17	408	207
31	016	050	54	013	099	5007	36	144	5039	30	190	5070	24	295	5090	13	413	185

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBAR	
	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-
	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
01	540	275	02	697	398		887	553	135	639	313	602	564	611	705	620	880	63
02	533	282	02	689	421		878	574	129	595	310	570	567	573	708	575	888	61
03	530	303	03	685	435		873	568	130	540	315	521	576	551	718	563		
04	531	291	05	686	427		873	603	132	505	320	495	585	518	730	520	915	53
05	526	363	02	680	420		871	508	135	804	324	504	588	496	735	488		
06	540	283	02	696	408		885	569	136	590	320	518	585	472	733	476	922	50
07	538	283	02	693	423		881	572	135	578	320	522	583	511				
08	548	287		705	380		896	553	147	631	328	564	588	512	733	510		
09	561	235		720	356		913	518	163	728	333	675	582	623	721	575	903	56
10	558	255	03	716	378		908	538	159	702	330	663	580	610				
11	536	292	02	691	410		882	524	137	603	317	588	571	593				
12	537	264	06	695	380	01	885	563	134	656	311	628	562	621				
13	532	277	02	688	408		878	525	131	615	313	570	570	570	711	577		
14	510	322	02	664	444		852	512	118	470	309	475	575	504				
15	510	326	03	665	455		850	544	116	468	306	479	573	483				
16	504	374	02	684	482		840	551	099	541	283	545						
17	533	260	06	690	380	02	882	537	129	730	303	628						
18	522	305		676	420		867	537	121	588	302	586	555	596	693	620	871	621
19	539	269		695	406		885	546	134	684	313	594	567	595	707	580		
20	539	280	05	695	395	02	886	530	138	633	318	592	570	607				
21	540	298	03	695	423		883	563	136	573	319	570	576	569	717	579		
22	540	290		696	418		884	578	138	576	320	576	576	576				
23	541	252		699	368		891	526	145	600	326	544	584	550	725	540		
24	529	301	05	685	402	02	874	551	128	579	310	568						
25	513	308	05	667	443		855	549	114	530								
26	519	306	04	672	448		860	571	113	575	297	545	557	537				
27	513	365	01	666	445		856	512	119	489	300	497	574	481	720	499		
28	505	373	01	657	435		848	475	116	467	307	456	575	489	722	487	911	492
29	514	343		668	410		859	508	124	494	317	483	579	487	726	475	916	507
30	541	303	02	696	416		885	559	136	591	319	565	578	527	723	518		
31	546	289	05	702	405		892	554	140	710	313	646	562	626				

Rasulis of Radiosonde Observations,
MACQUARIE August, 1965

2300 HRS GMT.

SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
PRESSURE	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	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
11	060	54	009	095	010	41	141	5021	34	189	5021	18	295	5076		412	163	
06	071	55	005	091	021	42	137	5010	38	185	5010	12	291	5076	14	409	161	09
16	045	35	014	098	5050	20	143	5059	18	190	5075	11	295	5117	14	409	186	10
20	044	47	017	102	5007	34	147	5028	25	155	5054	19	298	5120	07	415	193	05
15	026	32	013	096	5061	18	141	5098	15	187	5120	07	288	5211	03	401	265	
22	017	38	018	102	5057	25	146	5084	21	193	5110	18	295	5159	12	410	220	08
32	022	30	026	110	004		156	5006		204	5037		308	5115		425	182	
08	039	44	007	092	5026	30	137	5042	26	184	5065	16	288	5104	06	405	170	07
34	006	25	004	087	5079	18	131	5110	17	176	5110		281	5102	10	398	181	05
81	051	48	516	070	000	35	116	5030	30	164	5060	25	267	5105	20	385	165	13
07	033	32	006	091	5055	21	135	5086	18	183	5059	25	286	5108	20	404	161	11
18	043	46	015	100	015	39	146	5006	32	194	5018	21	300	5079	08	418	141	
08	059	51	008	094	025	43	140	5008	42	188	5025	35	293	5085	25	411	165	12
15	005	33	013	096	5068	22	140	5093	19	187	5080	22	290	5142	12	405	215	03
23	002	29	019	102	5085	20	146	5080	15	193	5071	16	296	5127	18	412	206	09
19	010	35	015	099	5016	26	145	5015	28	183	5031	24	297	5107	15	414	196	08
14	007	37	012	097	020	22	142	5014	20	191	5048	19	294	5128	11	416	198	07
11	009	30	010	093	5009	08	139	5012	10	187	5050	08	290	5122	09	406	209	04
11	023	36	010	093	5045	26	138	5067	12	185	5078	11	288	5125	08	404	220	05
16	005	30	013	097	5040	19	142	5036	17	190	5059	14	293	5139	08	406	235	04
13	012	33	011	095	5040	23	138	5040	13	186	5060	10	290	5106		407	176	05
14	018	34	012	096	011	16	142	5028	12	190	5036	15	294	5100	08	412	177	04
12	039	40	011	095	5035	25	141	5027	08	187	5060	07	292	5106		409	206	04
09	060	44	008	093	5005	36	139	5012	35	187	5021	12	291	5095	12	409	167	11
00	056	42	001	086	5025	28	131	5043	16	179	5074	13	281	5137		397	218	03
99	065	56	500	086	032	31	132	010	46	181	5004	44	287	5066	29	406	148	15
12	042	41	010	095	5051	25	139	5073	16	187	5058		291	5099	08	407	194	09
92	049	40	506	079	5030	26	124	5065	22	172	5051		276	5125	06	391	215	03
76	028	39	518	066	5022	23	112	5052	24	159	5080	21	261	5147	13	376	229	08
96	032	29	502	083	5049	22	128	5088	19	175	5090	12	276	5162	08	391	226	
94	061	57	504	082	050	35	128	010	43	177	5007	37	283	5067	27	402	125	19

500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS		
GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO
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	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg
46	269		703	386		394	543	142	724	516	647	566	610	705	607	884	610						
44	262	05	701	396	01	891	554	147	708	318	606	570	586										
43	276	04	700	405	01	890	545	140	624	320	578	575	570	717	582								
48	298	02	703	418		892	553	146	580	327	582	583	567										
31	341		686	409		876	516	138	535	325	546												
42	315	04	696	449		882	372	185	575	317	564	573	586	714	570								
58	285		714	385		886	524	156	702	325	702	571	662	705	578	882	610						
40	264	03	697	381	02	809	540	137	705	309	681	551	698	683	715								
31	284		687	415		896	578	133	676	299	634	545	676	678	702	845	720						
19	270	06	676	397	02	866	555	116	635	295	600	548	624										
39	244	05	697	380	01	889	541	138	698	312	642	562	695										
53	260		711	395	01	901	547	131	680	327	621	575	670	718	574								
45	271	05	702	405		893	579	141	615	320	620	570	630										
57	295		692	417		882	532	139	663	320	589	572	642										
45	298	05	700	413		889	560	140	644	317	644	568	679										
47	292	04	703	411		892	563	142	615	321	612	574	617	711	630								
44	286	02	700	400	01	890	552	142	606	322	597	576	606	715	603								
39	289	02	694	410		883	557	137	591	319	565	576	360	718	574								
36	310	02	690	422		879	563	135	566	319	540	582	551	724	563								
58	333	01	692	431		880	559	136	562	319	569												
41	294	03	696	414		884	582	130	668	306	639	556	618	693	590	872	602						
45	276	02	701	414		890	565	136	750	306	674	552	667	687	538								
41	318	02	696	411		883	566	135	675	310	646												
44	254	06	702	373	01	894	540	145	660	321	587	575	613										
28	330	01	682	425		875	464	141	520	326	548	584	572										
42	233	09	701	362	03	894	517	149	865	332	575	587	583										
32	260	05	699	397	01	888	575	141	698	321	567	578	570	719	592								
23	330	01	676	466		860	601	113	588	295	535	351	556	694	596	860	525						
37	359	03	661	430		850	523	109	578	288	610	540	583										
24	284	03	681	384	01	873	526	126	650	308	607												
39	220	09	699	351	03	894	501	146	500	320	617	572	619	719	619								

Results of Radiosonde Observations,
MACQUARIE September, 1965

2300 HRS GMT.

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
	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
01																		
02	007	044	47	006	091	5014	35	137	5041	30	184	5065	24	287	5126	14	403	205
03	014	038	41	012	096	5019	33	142	5057	30	190	5055	28	293	5115	18	410	194
04	008	055	51	007	092	021	46	138	5010	40	187	5049	28	291	5102	15	408	170
05	987	055	51	510	076	011	41	122	5006	37	170	5032	35	274	5090	22	392	158
06	014	044	35	012	096	5050	23	141	5050	20	188	5065	17	292	5123	13	408	205
07	020	052	48	017	102	5022	30	147	5055	25	195	5005		300	5079		418	168
08	007	063	54	006	093	052	55	139	029	49	188	022	42	295	5036	10	415	115
09	010	053	48	009	095	018	43	141	5004	38	189	3032	33	294	5062	14	413	135
10	018	034	31	015	100	5060	17	143	5092	13	190	5122	09	291	5164	04	405	232
11	004	040	34	004	089	5037	22	134	5075	15	181	5064	07	284	5125		401	195
12	008	027	26	006	090	5060	20	134	5102	14	181	5124	05	282	5145		398	173
13	012	052	44	010	095	5004	32	141	5047	25	188	5064	14	293	5086	10	410	173
14	002	050	43	002	087	5020	24	132	5055	21	179	5083	19	284	5080	10	402	146
15	998	017	25	501	083	5066	20	128	5063	22	175	5086	22	278	5113	15	395	182
16	972	056	52	523	063	019	44	109	5008	34	158	5032	25	262	5085	16	380	168
17	981	5002	24	515	069	5070	19	113	5100	16	160	5101		268	5130		379	209
18	990	029	34	508	077	5046	23	122	5082	20	169	5105	13	270	5164	08	384	237
19	999	050	48	500	085	025	45	131	5065	38	180	5024	35	285	5056	14	405	137
20	997	058	51	502	084	058	53	131	036	37	180	001	33	286	5054	09	405	130
21	986	044	44	511	074	5006	36	120	5019	32	168	5046	26	273	5095	21	390	170
22	984	034	30	512	072	5045	21	117	5086	18	165	5117	12	266	5155		381	212
23	996	010	33	503	081	5060	20	126	5088	15	172	5119	13	273	5185	09	386	266
24	989	028	41	509	076	5025	32	121	5055	27	169	5067	25	272	5104	20	390	157
25	997	039	37	502	083	5013	08	128	5025		176	5043	08	280	5104		398	175
26	982	035	40	514	070	5028	25	116	5063	20	163	5092	14	265	5168	10	378	240
27	968	046	44	526	059	006	31	105	5022	24	153	5055	20	256	5126	12	372	218
28	978	011	34	517	067	5046	25	112	5074	18	159	5107	14	260	5186	08	373	272
29	979	026	31	517	068	5041	21	113	5079	19	160	5110	16	261	5178	10	374	267
30	980	008	24	515	069	5059	18	114	5102	15	160	5139	13	260	5205		372	305

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBAR
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL
	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
01																	
02	535	315	02	689	453		877	563	129	585	311	577	568	565			
03	543	297	03	698	410		887	572	138	594	319	564					
04	542	263	06	700	384	02	890	550	142	599	324	555	589	595			
05	527	260	02	685	370	01	877	527	135	561	318	561					
06	540	303	04	695	423		884	566	131	654	308	622	559	605	699	601	
07	551	293	02	707	406		897	552	144	682	316	684	562	649			
08	552	240		711	340		906	491	162	638	340	587	591	599	729	638	
09	549	229	04	708	346	03	904	474	159	695	357	615					
10	535	319		690	420		879	526	136	575	317	509	572	588	714	538	897
11	534	278	04	691	407	02	880	561	139	638	307	624	557	630	694	623	
12	533	257	04	691	383	01	882	538	137	605	318	572	577	550			
13	545	266	03	703	386	01	895	523	149	610	330	559	590	521	755	507	923
14	538	226	03	697	346		892	496	148	650	329	570	588	528	733	516	
15	529	256	05	687	386	02	878	520	133	612	314	555	572	547			
16	515	255	03	672	392	01	863	524	124	534	309	537	568	557	710	568	
17	511	290	02	667	422		857	505	127	426	322	449	592	477	740	469	930
18	518	260		675	390		887	497	131	497	320	497	587	463	734	495	
19	540	237	08	700	353	03	893	505	149	550	334	539					
20	541	231	09	701	352	04	895	524	150	562	354	530	594	546	758	517	
21	524	263	07	682	392	02	872	529	136	489	326	471	594	489	741	462	930
22	513	314		687	451		825	509	123	445	315	451	588	455	733	450	926
23	515	359	01	667	458		856	540	114	548	300	511	565	455	715	390	
24	525	265	06	682	393	02	872	555	128	557	311	552	573	499	728	480	912
25	532	270	06	689	385	02	880	562	132	590	316	530	579	509	724	491	
26	509	333	02	662	454		851	513	117	489	306	479	572	490	721	433	
27	504	308	02	658	415		847	554	119	561							
28	502	344		684	462		842	550	121	519	290	517					
29	503	374	02	653	510		836	588	092	564	274	569	531	580			
30	500	483		649	505		835	588	086	588	267	598	524	545			

Results of Radiosonde Observations,
MACQUARIE October, 1965

2300 HRS GMT.

SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
PRESSURE	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	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
79	020	22	517	068	5051	17	112	5094	15	159	5124	10	259	5200	07	371	294	03
70	011	29	524	060	5058	21	105	5073	19	152	5102	16	254	5164	11	378	241	06
88	5010	24	509	074	5081	17	118	5115	14	165	5143	13	264	5209	04	377	254	
93	002	26	505	078	5076	18	123	5112	15	169	5144	13	269	5193	07	382	279	
04	012	36	004	088	5051	26	133	5049	28	180	5065	26	284	5103	23	401	180	12
01	026	36	001	085	5006	27	131	5011	14	179	5020		284	5039	31	405	100	22
81	058	56	515	071	048	54	118	021	54	167	015	53	274	5028	46	395	086	24
03	020	24	003	087	5061	18	131	5106	15	178	5063	07	281	5100		399	170	05
88	023	41	509	076	5021	32	121	5056	26	168	5091	20	270	5151	12	386	205	09
93	036	33	506	079	5041	23	124	5082	19	171	5122	14	272	5183	06	384	286	03
03	046	36	003	088	5030	26	133	5065	22	181	5057	10	284	5124	06	400	191	07
11	044	32	010	094	5052	22	138	5084	19	185	5056		289	5107		406	155	11
93	067	56	506	081	050	55	127	014	44	176	5018	34	282	5028	19	402	105	07
97	047	39	502	083	5020	23	128	5036	15	176	5061	08	279	5140	08	394	206	05
06	039	27	006	089	5062	18	134	5100	15	180	5134	11	280	5202	07	395	190	
06	033	32	006	090	5051	24	134	5071	22	181	5099	12	284	5115	09	402	161	08
98	052	50	501	084	5026	46	130	015	36	180	000	35	286	5056	23	405	131	07
92	053	49	506	079	5008	36	125	5026	34	173	5051	30	276	5109	17	394	165	05
73	053	44	522	064	011	40	110	5008	37	158	5036	33	267	5087	24	381	165	13
81	019	30	515	069	5054	18	114	5089	16	160	5132	12	26.	5201	07	373	293	02
74	015	28	519	065	5053	19	109	5093	15	156	5125	09	257	5202	06	369	287	02
07	006	27	006	089	5066	15	134	5099	10	180	5139	07	280	5222	06	391	284	02
19	043	32	017	101	5056	22	146	5093	17	192	5063	17	296	5107	11	413	170	09
02	045	47	003	088	010	40	134	019	45	185	5004	42	289	5058	30	408	127	18
99	042	38	000	085	5011	29	130	5018	22	179	5014	12	284	5089	13	401	173	09
94	052	49	504	081	010	42	127	5016	35	175	5026	17	280	5096	11	397	178	06
00	038	38	001	085	5020	30	130	5039	28	178	5063	23	282	5112	20	399	176	11
37	052	43	510	076	5017	27	121	5048	24	168	5063	24	272	5125	17	388	184	11
33	055	44	514	072	5014	30	117	5046	25	165	5060	10	268	5135	09	383	226	04
32	034	32	514	070	5040	22	115	5079	17	162	5104	15	264	5169	09	378	254	04
94	026	32	504	080	5048	24	125	5070	23	172	5098	20	274	5116	20	391	180	11

500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE
Dm	°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
09	370	01	650	451		838	555										
08	340	03	651	453		836	605	089	584	272	557	534	487	682	450		
07	337		660	450		846	583	100	581	283	565						
1	346	02	663	458		851	553	107	570	291	528						
5	267	06	693	375	03	865	538	133	740	303	682						
4	180	12	707	296	05	906	450	164	656	356	677	583	627	721	512		
5	177	11	698	295	04	896	466	132	688	331	546						
3	259	03	691	364		884	523	145	493	333	516	597	495				
8	303	04	674	388	01	868	464	136	478	326	475	594	477	741	479		
3	350	01	665	468		852	526	119	442	312	455	583	446	792	454		
5	285	05	689	410		879	536	126	528	323	497	592	467				
2	206	10	704	313	04	901	470	188	638	342	524	608	519	750	505		
1	200	06	702	334	02	897	469	155	576	338	543						
7	285		684	377	02	877	519	138	537	324	493	591	470				
0	248	03	689	369		881	527	139	540	325	525	586	539	732	495		
7	257	04	695	371	01	887	532	145	520	332	518	594	537	738	534		
1	230	06	701	335	04	896	482	133	657	330	590	588	573				
9	262	02	686	338	02	878	515	133	596	316	557	574	560	717	521		
2	262	07	673	385	02	864	544	120	562	306	495	575	475	723	482	915	448
2	310		659	389		853	460	120	496	310	457	581	450	731	423		
7	365		651	414		844	446	119	417	312	445	584	410	736	395	932	465
1	336	01	675	444		864	517	120	480	319	477	589	433				
7	249	04	707	340	02	902	504	135	615	337	544	597	513	742	491	932	455
5	235	05	704	341	02	899	491	160	552	346	517	608	516				
5	278	03	691	399		883	504	149	488	337	512	601	520	745	536	931	520
1	273	05	688	402	02	878	520	141	503								
3	256	06	692	360	03	885	520	143	538	329	520	593	493	739	477		
2	268	06	679	395	01	872	473	140	484	329	499	594	503	740	490		
4	330		669	377		865	450	135	459	327	480						
8	354	02	689	436		850	478	119	442	315	385	593	408	745	422	940	422
5	278	05	682	374	02	875	504	140	475	334	453	605	431	755	438	949	441

Results of Radiosonde Observations.
MACQUARIE November, 1965

2300 HRS GMT.

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	
	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	d
01	000	036	31	001	085	5049	22	130	5079	17	177	5120	14	279	5125	09	395	185	0
02	987	049	51	510	076	016	42	122	5006	37	170	5035	31	274	5088	23	392	155	1
03	987	012	38	510	074	5046	27	119	5071	20	166	5103	18	267	5175	09	380	268	0
04	993	056	54	505	081	026	47	127	5013	37	175	5042	31	279	5097	11	397	147	0
05	992	063	44	506	080	000	30	125	5025	26	173	5030	13	278	5100	14	395	166	1
06	008	044	30	007	091	5059	20	135	5080	14	183	5067		287	5088		405	137	
07	014	044	31	012	096	5055	22	141	5079	16	188	5025		293	5074		412	114	
08	009	066	48	008	093	5011	32	138	5018	26	187	000		293	5047		413	093	0
09	993	062	53	505	081	024	42	127	019	44	175	020	20	282	5025	10	403	086	
10	986	072	55	511	076	060	58	122	041	44	171	020	38	278	5045	25	399	101	2
11	998	028	28	501	083	5051	22	128	5085	18	175	5100	18	277	5107		394	194	0
12	990	044	43	508	077	5023	29	122	5053	24	170	5084	20	272	5152	14	387	216	0
13	996	039	41	502	083	5006	36	128	5010	37	177	5023	38	282	5066	30	401	145	1
14	985	030	30	512	070	5050	22	118	5078	20	165	5111	18	266	5185	09	379	237	0
15	989	045	30	508	077	5038	22	122	5076	18	169	5085	10	272	5153	07	386	207	0
16	981	034	32	515	070	5039	22	114	5075	17	161	5105	11	264	5137	15	381	158	1
17	977	012	27	518	066	5043	23	111	5074	17	158	5108	15	259	5183	07	372	272	0
18	000	014	24	001	082	5063	17	129	5103	13	175	5142	12	276	5186	04	391	196	
19	011	044	39	010	094	5036	26	138	005	12	187	5011	15	293	5049	13	413	113	0
20	991	060	58	507	079	038	54	125	026	51	174	006	46	280	5034	32	400	117	1
21	991	046	51	509	078	010	43	124	5019	36	172	5041	32	276	5095	23	394	191	0
22	000	042	41	001	086	5035	30	131	5021	37	179	5039	35	284	5094	24	401	160	1
23	993	045	31	505	079	5046	23	124	5079	18	171	5112	15	273	5148		388	214	
24	994	055	40	504	081	5020	23	126	5045	20	173	5076	20	277	5116	16	394	184	1
25	981	055	45	515	070	5016	28	116	5025	29	164	5042	30	268	5097	21	386	170	1
26	976	030	38	519	066	5030	27	111	5059	23	158	5088	19	260	5157	12	374	248	0
27	994	016	28	505	080	5060	18	124	5091	16	171	5121	15	272	5158		389	145	0
28	000	050	46	001	086	5012	34	132	5034	30	179	5049	28	284	5079	13	402	135	1
29	005	034	29	005	088	5062	20	133	5094	18	180	5120	14	282	5106	14	400	135	
30	007	046	42	006	092	043	39	138	027	36	187	011	29	293	5055	28	412	138	1

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	TEMPER-
	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.×
01	529	273	04	686	380	02	880	511	140	497	350	465	599	446	749	452	945	428
02	527	252	07	686	355	03	880	528	140	491	329	483	598	470	747	450		
03	509	377	02	681	43:		853	483	119	488	307	503	578	437	728	406		
04	534	210		695	321	02	892	480	148	560	333	518	597	497	744	461		
05	531	235	08	691	335	04	887	487	145	550	333	490	60	476				
06	542	230		701	361	01	893	542	151	510	340	486						
07	549	224		709	352		903	509	162	516	351	487						
08	551	184	05	715	303	03	913	464	171	557	358	513	622	472	769	458	961	443
09	542	174	13	705	289	06	903	465	167	491	356	477	625	476	773	435		
10	538	165	14	702	264	07	904	420	172	480	362	481	630	469				
11	526	302		682	386		878	395	158	380	354	415	627	434	776	487		
12	520	260		678	359		875	422	153	391	349	418						
13	537	230	08	697	332	03	894	467	160	452	352	452	623	440	773	442		
14	511	323	03	666	365		864	389	140	410	336	389						
15	519	309	04	673	428		863	517	133	401	328	432	603	416	755	396		
16	515	269	07	673	371	02	866	510	133	483	324	475	596	380				
17	501	365	02	653	457		844	457	116	406	313	592						
18	525	257		683	358		878	474	142	497	333	455						
19	550	211	08	711	329	02	908	463	168	547	354	485	620	490				
20	538	206	08	699	308	05	898	428	167	443								
21	527	266		686	357		880	461	148	455	339	488						
22	537	224	10	697	344	03	893	485	152	543	339	483	608	459	757	457	949	430
23	520	306		677	364		871	491	135	494	324	468	597	420				
24	527	246	06	688	346		884	471	150	498	338	508	604	476	751	462		
25	521	248	03	680	344	02	877	463	144	463	335	492	602	473				
26	505	314	04	659	437		853	417	131	379	329	401	603	438	753	449	946	432
27	526	218	06	686	331	02	883	460	149	466	340	458	610	444	759	450		
28	539	219	06	699	322	02	896	476	158	497	348	475	616	489	763	471		
29	536	232		695	345	02	890	481	151	510	339	495	607	461	756	464		
30	549	221	08	709	337	03	904	489	162	560	347	524						

Results of Radiosonde Observations,
MACQUARIE December, 1965

2300 HRS GMT.

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
10	044	39	009	094	019	38	140	000	32	188	5046	25	293	5076	21	412	106	12
13	044	41	011	097	060	29	144	045	32	193	022	30	299	5054	24	419	094	09
07	046	52	006	093	065	61	140	065	64	189	037	56	297	5010	48	419	070	30
99	046	50	500	086	043	53	132	021	45	181	5014	36	287	5031	14	407	124	10
05	046	34	005	089	5040	23	134	5073	20	181	5065	08	285	5089		404	150	
08	059	46	007	093	050	48	140	030	42	189	5005	32	294	5066	22	413	137	15
11	053	47	009	095	020	44	141	013	43	189	5015	37	295	5058	17	415	108	22
03	048	48	003	038	011	35	134	005	26	183	5012	29	289	5030		409	108	
04	067	52	004	089	5009	34	134	5033	30	182	5056	22	286	5113	06	404	166	05
94	053	51	504	081	012	41	127	5010	36	176	5034	33	280	5102	19	397	185	09
98	056	52	501	085	037	50	131	018	46	180	5010	39	286	5061	08	405	131	
99	059	53	501	086	036	49	132	010	39	181	004	35	287	5041	14	408	105	11
79	058	51	517	069	032	46	116	014	41	164	5025	31	269	5065		388	152	
98	043	30	500	084	5037	22	129	5074	18	177	5052	08	260	5115	17	398	177	12
88	025	42	509	075	5025	32	120	5046	27	168	5067	34	274	5122	16	391	189	09
90	017	30	508	077	5046	23	121	5075	20	168	5107	16	270	5146	12	386	209	07
09	028	28	008	092	5067	19	136	5101	17	183	5130	06	284	5179		398	225	07
03	045	48	003	088	5009	35	133	5022	34	181	5019	35	287	5048	14	407	057	08
05	061	57	004	090	055	23	137	018	41	185	5016	34	291	5046	15	412	105	13
09	042	45	008	094	049	42	141	080	39	191	069	45	299	003	36	421	051	20
03	073	57	003	091	160	42	139	121	35	190	091	32	299	001	31	421	080	26
04	060	36	004	089	5012	27	134	5005	18	185	5009		289	5047		409	116	
95	058	45	503	081	5027	29	127	5064	23	174	5080	16	276	5132	08	392	216	04
93	043	39	506	080	5045	23	124	5077	17	171	5107	16	272	5150	04	388	209	
87	035	38	510	075	5042	25	120	5071	21	167	5104	16	269	5161	11	384	209	05
37	031	33	510	075	5044	23	120	5074	21	167	5112	16	268	5170	10	383	228	06
82	021	30	514	070	5065	21	114	5090	17	161	5121	13	262	5174	10	376	230	06
79	021	36	517	068	5044	24	112	5075	22	159	5105	19	261	5175	11	376	216	08
90	034	31	508	077	5041	22	122	5084	18	169	5112	17	270	5157	05	385	196	
69	061	61	525	061	033	53	107	007	45	156	5014	39	261	5047	31	381	120	20
90	036	43	507	077	5035	29	122	5051	25	170	5076	19	273	5112	08	390	189	04

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
50	204	08	712	310	02	909	487	165	572	349	534	611	512				
58	173	06	722	290	03	921	441	181	575	363	555						
59	151	15	724	272	05	924	435	185	571	368	544	630	534				
44	218	04	705	346		900	448	171	462	362	468	628	498				
39	251	04	697	368	01	890	509	159	430	352	456	622	452	770	480	960	480
50	221	08	711	320	04	908	472	168	536	356	476	623	504	769	498	957	510
54	159	17	719	270	08	919	440	184	483	372	530	633	520	777	843		
46	200	08	709	289		910	412	181	470	369	515	634	526	776	506	963	511
38	275	04	696	368		889	473	182	416	365	465	625	504	769	465		
31	265		688	378		881	495	149	462	340	474	610	460	758	459		
42	214		703	320	02	900	481	160	540	345	538	611	469				
45	190	10	708	302	05	907	456	168	526	355	505	618	503	764	480	954	474
24	216		685	330	02	881	474	148	464	340	454	608	488				
31	203	05	687	403	02	876	541	145	474	354	457						
24	275	05	681	367	02	876	433	159	410	345	425	618	440	766	428		
19	297	04	674	411		865	490	134	442	328	424						
32	260	06	691	359	03	885	494	148	488	337	465	609	453	757	481		
46	187	08	707	324	03	903	463	163	549								
49	200	11	712	298	06	910	458	169	603	354	499	620	500	766	499		
62	155	08	727	262	06	928	420	190	645	367	540	626	543				
60	177	14	725	278	04	926	430	186	627	367	608	623	559	765	545	950	523
47	188		709	296	04	908	443	178	456	369	500	633	506	778	515		
25	281		682	374		879	397	157	419	350	467	619	489	765	494		
21	296		676	406		868	490	137	430	330	448	601	462				
17	294	02	672	425		862	523	128	451								
15	297		671	392	01	862	542	127	459	320	431	592	434	743	450		
08	295	02	665	383	01	857	523	123	461	316	435	589	438				
08	274	06	666	360	02	860	520	127	436	321	455	594	439				
19	270	04	677	389	01	869	489	139	458	331	462	602	454				
19	200		680	320		877	479	145	453	337	453	608	464	757	453		
23	276		681	360		875	477	145	434	339	420	611	448				

Results of Radiosonde Observations,
MAWSON – JAN., 1965

0000 HRS GMT

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
	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
01	995	009	18	502	082	5037	17	127	5070	17	174	5092	12	276	5144	08	392	204	
02	991	5004	24	506	078	5064	17	122	5078	18	169	5112	15	271	5171	12	386	188	12
04	991	5012	19	506	078	5063	17	122	5097	16	169	5128	14	270	5165	12	385	219	09
05	986	5026	15	510	074	5062	14	118	5100	12	165	5139	09	265	5180	05	380	220	07
06	985	5020	17	511	073	5071	13	117	5102	12	164	5130	12	264	5199	10	378	234	08
07	990	5005	20	506	077	5065	18	122	5102	14	168	5137	13	269	5185	11	382	253	06
07	984	5031	12	511	077	5057	14	117	5095	10	163	5129	09	264	5191	08	379	229	04
08	984	004	16	513	071	5038	15	116	5080	13	163	5118	13	265	5162	08	380	228	05
09	993	5014	15	504	080	5059	16	124	5097	14	171	5132	12	272	5151	08	387	227	03
11	993	5021	10	504	079	5062	10	124	5082	10	171	5102	09	273	5155	05	387	234	04
12	993	5079	08	508	083	5121	09	127	5162	08	173	5133	07	273	5198	04	386	256	02
13	997	5008	15	501	082	5066	13	127	5087	13	174	5109	13	275	5156	07	391	185	
13	001	5010	18	002	086	5050	17	130	5084	14	177	5124	12	278	5144	06	393	215	
15	988	010	15	507	077	5015	11	122	5061	10	170	5103	09	271	5161	04	385	242	03
16	981	5017	16	513	070	5044	15	115	5088	13	162	5110	13	263	5179	09	377	243	04
17	978	5010	16	516	068	5034	16	113	5074	15	160	5117	14	261	5172	12	375	221	08
18	985	5003	17	511	074	5033	18	118	5071	17	165	5111	16	267	5173	11	381	246	07
19	989	5012	14	507	077	5042	16	121	5085	15	168	5125	14	269	5195	10	382	272	05
20	989	005	15	507	077	5024	16	122	5052	16	170	5086	14	272	5148	10	387	215	05
21	995	5018	23	502	081	5073	21	125	5104	18	171	5139	14	271	5214	09	384	254	03
22	999	5023	13	501	084	5074	13	128	5112	12	174	5142	12	274	5216	06	386	313	05
23	001	5041	16	002	085	5084	16	129	5111	15	176	5127	12	276	5222	05	387	292	03
24	996	5024	10	502	081	5062	09	126	5106	08	172	5141	06	272	5206	06	385	260	03
25	991	5061	08	504	079	5088	09	123	5118	08	169	5147	06	269	5199	04	383	252	02
26	997	5042	09	501	082	5075	07	127	5115	06	173	5146	06	273	5200	07	388	207	06
27	991	022	14	508	079	5016	16	134	5055	15	172	5094	15	274	5153	14	388	241	07
27	990	5048	11	506	077	5047	11	122	5077	09	169	5084	07	271	5153	08	386	228	05
29	991	5028	14	506	078	5047	15	123	5086	14	169	5122	12	271	5164	07	385	219	04
30	996	008	15	502	082	5041	15	127	5082	14	174	5116	13	275	5173	11	389	239	06
31	995	5011	16	503	081	5056	16	125	5091	15	172	5123	14	273	5177	11	387	217	05
31	993	5003	15	503	080	5043	16	125	5087	15	171	5125	13	273	5163	07	387	226	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
01	525	288	02	681	350		877	475	143	460	334	460	605	446	755	458	949	422
02	521	239	08	680	362	03	875	473	143	460	335	443	607	440	757	424	952	401
04	517	266	07	675	386	02	866	501	136	457	326	442	599	432	750	418	946	392
05	512	295	04	667	418	01	856	547	124	448	317	417						
06	508	333	04	662	424		852	527	118	445	312	425	587	409	740	399	937	384
07	512	344	03	666	429		854	547	121	450	314	418	59	403	742	406	939	386
07	510	335	03	663	428		852	562	118	446	312	419	588	406	748	399	937	386
08	511	316	04	666	429		854	567	118	451	312	430	587	409	739	418	936	393
09	519	304	02	674	428		862	563	126	465	318	424	593	412	745	397		
11	518	328	03	672	442		861	522	130	448	324	430	597	423	749	420	944	396
12	516	329		671	399	01	861	543	125	484	314	474	583	458	751	459	924	451
13	525	246	03	684	363	01	877	518	142	475	333	475	603	441	753	435	948	399
13	526	262		685	367		878	506	144	479	334	469	608	464	754	444	944	408
15	516	339	02	670	437		862	442	136	406	331	420	608	420	757	406	954	390
16	509	300	02	664	421		856	472	128	415	324	415	601	409	753	388	950	387
17	507	304	05	662	406		853	538	123	418	318	406	595	396	749	382	948	370
18	511	326	04	666	418		856	537	124	445	317	436	592	407	744	409	941	393
19	511	333	03	665	433		855	516	124	433	317	438	592	405	744	385	944	365
20	520	287	02	676	382		869	498	140	411	335	401	614	377	768	368	969	342
21	515	308	03	671	406	02	862	526	127	447	320	458	592	427	743	421	938	402
22	515	347	02	668	432		858	535	125	443	318	443	589	438	740	418		
23	516	347	01	670	429		860	510	127	458	320	453	590	453	740	438	934	412
24	518	270		675	385	01	867	558	130	453	322	440	596	422	747	405	945	376
25	515	287	02	671	393	01	863	533	129	440	323	429	597	428	748	411	944	397
26	521	267	02	680	355	02	874	500	135	483	326	444	598	430	749	433	943	415
27	521	274	02	678	392		870	513	133	478	324	441	597	429	748	422	943	406
27	518	296		674	405		864	549	128	467	319	443	591	429	741	457	936	417
29	517	304		672	414		862	548	127	460	319	442	592	428	743	414	938	420
30	520	330	02	674	428		863	544	130	448	323	438	596	432	747	414	942	395
31	519	296		676	374	01	878	493	133	468	324	453	598	433	747	418	942	403
31	520	285	02	677	375	01	878	513	134	462	326	443	599	435	750	416	946	399

Results of Radiosonde Observations,
MAWSON February, 1965

0000 HRS GMT

SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
PRESSURE	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	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
00	015	26	002	085	5050	21	130	5080	20	177	5115	17	278	5183	11	392	251	05
00	011	22	002	086	5045	21	130	5087	16	177	5116	14	278	5171	11	393	245	06
96	5003	21	502	082	5065	17	126	5098	15	173	5132	14	274	5191	10	387	233	07
96	5032	13	502	081	5075	14	126	5111	13	172	5151	11	273	5145	06	389	233	05
93	5056	13	505	078	5082	10	122	5125	10	168	5165	10	269	5170	06	384	211	05
92	5046	09	505	077	5080	06	122	5117	06	168	5155	04	268	5165		383	232	03
93	5071	08	504	078	5094	06	122	5136	05	168	5168	05	269	5161	05	383	225	03
91	5070	08	505	077	5104	09	121	5138	08	167	5174	07	266	5194	08	380	253	02
94	5019	13	503	081	5060	12	125	5096	11	172	5133	10	272	5215	08	385	261	04
90	000	18	506	078	5041	15	123	5085	14	169	5120	14	270	5197	10	383	268	05
86	5006	16	510	074	5036	12	119	5077	11	166	5119	10	267	5203	08	379	292	04
93	5035	17	504	079	5065	17	123	5096	14	170	5135	12	270	5210	08	383	298	05
06	5028	19	006	090	5058	20	134	5092	17	181	5120	14	281	5196	08	394	284	05
05	5016	13	006	089	5055	18	134	5095	16	180	5119	16	281	5186	08	396	220	07
03	013	14	004	089	5028	16	134	5066	16	181	5080	18	284	5151	14	399	205	10
99	5028	11	000	084	5074	09	129	5100	09	175	5139	08	277	5128	05	395	194	04
00	5066	07	002	084	5106	07	127	5145	05	173	5167	04	274	5127	05	391	187	04
98	5086	05	000	082	5114	06	126	5157	05	171	5171	06	271	5172	04	386	221	03
99	5093	06	001	082	5133	08	125	5169	08	170	5210	07	270	5195	03	383	250	
01	5106	06	002	083	5143	06	126	5161	06	172	5183	06	271	5206	03	384	248	03
00	5083	06	002	083	5128	05	127	5143	10	172	5159	09	272	5232	07	384	243	04
97	5087	05	501	081	5119	05	124	5154	04	170	5195	03	269	5188	03	383	237	03
89	5073	07	507	075	5101	08	119	5145	07	165	5182	06	265	5193	06	378	255	06
96	5057	09	502	081	5085	10	125	5130	09	171	5166	07	270	5176	08	385	223	03
01	5046	10	003	085	5096	12	129	5136	10	175	5165	08	274	5255	05	385	259	03
96	5030	12	502	081	5085	11	125	5126	11	171	5157	09	271	5199	08	385	238	03
01	5044	13	002	084	5093	10	128	5125	10	174	5163	09	274	5200	08	388	209	07

500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE
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
524	302	02	681	385	01	872	536	137	467	328	453	598	453	747	445	940	433
526	276	03	682	384	02	874	525	140	450	333	452	605	446	755	439		
519	309	03	674	420		864	537	130	455	323	449	594	448	744	445	937	448
520	323	03	675	405		865	543	133	444	326	432	600	426	751	419	946	409
516	303	03	672	408	01	862	531	130	443	323	444	598	413				
514	306	02	669	411		861	512	126	445	318	445	591	424	743	407	938	411
515	301	02	671	407		861	531	123	451	318	447	590	433	741	429	936	407
511	312	02	666	411		857	529	123	438	316	450	587	446	737	430	931	435
515	320	02	671	406	01	861	532	127	452	320	494	592	453	742	436	936	430
513	347	02	666	420		857	523	125	442	319	434	592	426	744	407	940	394
507	397	01	656	488		843	459	114	421	309	422	584	422	736	408	932	394
510	397	02	660	487		846	491	117	432	311	432	584	425	736	410	932	404
522	374	02	675	445		864	536	131	436	325	442	597	441	747	420	942	419
529	253	07	688	358	03	882	513	140	500	329	470	598	433	748	438	942	428
532	303	04	687	397	01	879	530	138	500	328	468	597	447	748	428	943	405
526	286	02	682	408	01	872	543	131	518	320	478	590	445	737	489	933	457
525	286	02	681	398	01	871	550	131	475	322	464						
519	291	03	675	401	01	865	550	127	471	318	454	590	452	740	429	934	429
514	319		668	426		858	540	121	479	313	455	583	448	733	482	927	457
515	323	02	670	422		859	556	120	486	310	465	580	451	729	443	922	443
516	317	02	670	428		859	559	120	488	310	465						
514	316	02	668	428		857	553	118	494	309	462	579	452	728	455	920	445
508	345	02	661	452		850	535										
516	321	02	670	437		888	550	123	463	314	463	586	447	735	451	920	437
515	352	01	668	454		855	550	121	465	313	478	581	452	729	458	922	452
516	310		672	375		866	495	131	476	322	467	591	458	740	454	952	444
521	274	06	679	372	03	878	500	135	486	324	475	592	475	740	478	951	461

Results of Radiosonde Observations,
MAWSON March, 1965

0000 HRS GMT

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING
	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/k
02	996	5028	12	502	081	5061	08	126	5097	08	173	5135	08	273	5185	10	389	188	07
03	991	5044	08	506	077	5061	07	122	5093	06	169	5134	05	270	5158		387	171	05
04	995	5067	09	502	080	5092	07	124	5130	07	170	5167	06	270	5165	04	385	216	03
05	993	5048	09	504	079	5080	12	123	5119	12	169	5153	12	269	5208	09	382	255	05
05	994	5053	12	503	079	5105	09	123	5143	08	169	5169	09	268	5232	07	381	248	05
07	997	5054	10	500	082	5108	09	125	5149	08	171	5163	08	270	5226	06	383	272	05
08	994	5071	08	502	080	5111	07	123	5145	06	169	5182	06	268	5218	07	380	290	04
08	992	5091	07	505	077	5137	07	120	5169	06	165	5196	06	261	5217	07	375	233	
09	996	5080	11	501	081	5139	09	124	5170	07	169	5210	06	266	5205	07	380	256	02
11	993	5078	10	503	079	5121	10	122	5154	09	168	5183	08	266	5262	05	378	240	02
12	991	5114	06	505	076	5132	05	119	5170	05	164	5200	05	264	5202	05	377	252	03
13	992	5102	05	505	076	5151	04	119	5185	04	164	5208	03	263	5194	03	377	254	02
14	984	5112	05	511	070	5125	05	113	5164	05	159	5208	05	257	5208	03	370	250	
15	989	5134	05	507	073	5165	06	116	5191	03	161	5213	03	260	5200	03	373	247	03
15	969	5094	11	523	059	5103	09	102	5140	08	148	5172	08	248	5208	08	362	226	08
17	977	5094	09	515	066	5105	09	110	5140	09	156	5176	09	255	5225	07	368	244	07
18	983	5117	6	512	069	5131	10	113	5149	10	159	5185	08	257	5254	08	368	283	04
19	985	5155	03	510	070	5162	03	113	5193	03	158	5205	02	256	5231		368	310	
20	980	5134	05	514	066	5158	04	109	5188	03	154	5218	03	253	5211	03	366	282	03
21	971	5190	03	520	059	5181	04	101	5214	04	145	5231	03	244	5234	03	356	278	
21	968	5183	03	523	056	5209	03	098	5247	02	142	5285	02	238	5256	03	349	308	02
23	970	5207	03	522	057	5196	04	099	5227	04	145	5254	03	240	5241	02	351	299	
24	976	5195	02	517	062	5208	02	104	5245	02	148	5281	02	245	5252		356	295	
25	978	5204	03	516	063	5211	03	105	5240	02	149	5227	03	247	5240	02	358	305	02
26	980	5222	03	513	065	5225	02	107	5255	02	152	5220	03	250	5230		362	296	02
27	990	5180	03	506	072	5218	02	114	5190	03	160	5170	03	259	5212	07	372	291	04
28	992	5168	05	504	075	5161	03	118	5167	03	163	5172	03	263	5208	07	376	278	05
29	988	5134	06	508	073	5113	05	117	5104	05	163	5128	04	264	5213	03	375	288	02
30	984	5140	04	511	069	5160	03	112	5165	03	158	5190		256	5235		368	298	02
31	970	5180	04	521	057	5194	03	100	5208	02	144	5246	02	242	5213	03	354	297	02
31	970	5220	02	522	056	5196	05	099	5234	05	143	5220	03	241	5227	02	352	306	01

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE
	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	523	262	06	682	365	03	874	522	135	495	325	481	593	470	741	474	932	463
03	521	253	03	679	370	02	872	520	131	502	320	472	588	495	736	476	926	467
04	518	273		675	386	01	867	524	131	467	322	465	592	463	740	461	932	463
05	513	334	02	667	427		857	523	124	448	317	440	588	457	737	457	929	456
05	511	328	03	665	446		852	560	118	460	309	462	579	460	728	462		
07	513	333	03	666	441		854	555	120	463	312	458	583	465	731	448	923	453
08	509	337	03	682	437		851	523	118	481	310	465	580	465	729	461	921	453
08	506	325	02	660	415		851	533	116	470	307	470	576	473	723	472	914	459
09	511	325	02	664	439		852	538	118	459	310	467	579	467	727	453	919	460
11	509	333	01	662	452		851	511	118	462	309	460	579	462	727	466	918	463
12	510	288	02	686	396	01	857	540	119	492	309	480	575	493	722	480		
13	508	302		663	407		854	528	119	461	310	471	579	469	725	503	913	510
14	501	321		655	429		844	563	109	466	301	452						
15	504	325	03	657	440		846	541	111	476	301	488	568	480	715	459	906	460
15	494	291	05	681	368	03	845	511	105	493	295	473	564	465	711	473	902	465
17	498	324	04	653	423		842	553	101	495	290	477	558	480	705	471	897	463
18	497	348	03	649	468		836	578	097	499	286	487	552	487	699	484		
19	495	387		645	490		834	491	100	508	290	493	557	493	703	481	893	477
20	495	356	02	647	450		836	538	100	451	295	475	562	482	709	487	897	496
21	485	347	01	638	457		824	528	091	458	282	482	549	473	696	507		
21	476	379	01	627	469		815	495	084	481	275	485	541	492	687	508		
23	479	375		631	458		819	509	088	462	279	485	545	503	690	505		
24	484	368		636	466		823	532	090	475	280	487	547	502				
25	486	366	01	637	472		824	549	091	476	281	488	547	488	692	540	878	512
26	489	395	01	639	493		824	527	092	458	282	483	548	492	693	527	879	534
27	500	369	03	651	470		837	579	098	488	287	487	553	510	697	520		
28	504	379	02	655	482		839	625	096	508	284	499	549	512	694	520		
29	505	330	03	658	447		844	612	101	458	289	513	551	555				
30	495	393	01	644	487		831	525	097	494	284	508	548	517	691	542	876	548
31	482	362		633	461		821	505	088	474	277	486	543	511				
31	480	386		630	494		815	550	081	478	270	481	537	496	683	517		

Results of Radiosonde Observations,
MAWSON April, 1965

0000 HRS GMT

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
976	5205	02	517	062	5192		104	5229		149	5170	06	248	5217	07	360	302	04
980	5134	05	514	066	5142	05	109	5170	05	155	5205	04	254	5211	03	366	287	03
985	5135	06	510	070	5137	04	114	5143	04	159	5162	03	259	5223	02	370	323	
983	5127	09	512	068	5160	09	111	5157	10	157	5175	10	256	5235	07	366	330	03
985	5133	10	510	070	5164	09	113	5149	11	159	5162	12	258	5232	07	370	294	04
994	5154	05	503	077	5177	05	120	5173	06	166	5166	06	265	5223	04	376	302	02
990	5165	05	506	074	5148	05	117	5118	05	164	5150	04	263	5228	03	375	310	02
986	5180	03	509	070	5204	02	112	5243	02	156	5222	02	255	5222	02	367	308	01
995	5197	03	502	076	5199	02	119	5179		164	5207		262	5250		373	309	
989	5193	05	507	071	5210	04	114	5202	03	159	5205	04	258	5225	07	370	283	05
989	5157	04	507	073	5191	03	115	5217	02	159	5225		259	5212	07	371	290	04
992	5196	04	504	074	5229	04	116	5221	02	161	5234		259	5239	05	370	299	04
976	5198	04	516	063	5225	03	104	5233	02	148	5251	02	245	5305		353	348	
984	5278	01	510	066	5287		106	5319		149	5334		245	5273		356	299	
999	5241	04	001	078	5227	05	120	5218	06	164	5225	06	264	5190	10	377	278	05
007	5207	05	007	085	5213	04	127	5152	09	173	5159	11	273	5232	07	384	299	04
985	5240	03	510	067	5213	04	110	5158	04	156	5155	04	255	5233	02	367	307	
976	5239	04	517	061	5249	04	102	5280	03	145	5314	03	241	5253	02	353	297	
997	5213	03	503	077	5240	02	119	5223		163	5219		261	5253	02	371	340	01
004	5173	03	005	083	5184	02	126	5164		172	5177		270	5254		382	255	
007	5125	07	007	087	5158	06	130	5187	04	175	5175	03	275	5171	11	391	173	14
989	5046	13	510	073	5081	11	116	5124	10	162	5165	09	262	5151	14	378	206	10
976	5080	18	518	064	5108	12	108	5140	10	153	5173	08	252	5232	06	365	275	05
984	5063	13	511	071	5091	12	115	5122	11	161	5161	09	260	5246	06	371	327	03
999	5100	10	000	082	5094	10	126	5114	09	173	5156	08	272	5245	05	384	267	02
004	5133	04	005	086	5140	04	129	5153	04	175	5124	05	276	5178		390	226	03
999	5128	06	001	081	5139	04	124	5145	04	170	5163	03	271	5165		386	202	
006	5147	05	006	085	5166	03	128	5197	03	173	5184	03	274	5161	12	389	214	09
999	5126	11	001	081	5146	10	124	5187	07	170	5210	07	269	5196	09	383	206	09
005	5179	03	006	085	5180	03	127	5216	02	173	5177	03	272	5213	03	385	245	

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
488	367	02	640	468		825	603	881	519	268	522	530	532				
494	372	02	645	497		827	611										
497	390	01	647	482		832	588	888	542	273	547	532	550	674	556		
493	386	02	645	437		834	554	890	562	274	554						
498	387	02	648	484		832	595	889	531	273	548	532	558	673	575	855	575
503	400	01	653	496		836	633	892	520	278	527	540	542	682	562	864	568
502	390	01	652	477		837	592	895	516	281	525	542	550	684	562	867	567
494	368	01	646	461		832	565	896	487	285	495	549	532	692	549		
500	371		653	414		848	475	111	523	296	527	558	568	697	551	880	558
499	349	03	652	440		840	559	102	489	290	506	552	522	695	545	878	540
498	398	02	648	473		834	584	096	496	285	498	548	530				
497	392	01	647	490		832	567	095	517	282	505	546	528	690	530		
479	386		629	507		814	518	080	495	269	494	533	524	677	531		
484	350		637	440		826	545	085	521	272	506	536	511				
506	375	02	656	495		839	623	097	522	283	531	544	539	588	548		
511	405	02	660	527		841	633	097	548	281	535	543	540	685	556		
493	423		640	523		825	537	089	508	275	538	536	535				
481	356		634	415		825	535	083	537	268	525	530	534	674	548		
497	436		644	515		829	548	091	512	277	533	539	538	682	554		
514	296		670	365		866	485	124	590	305	681	560	545	702	577	881	628
526	272	07	682	398	02	872	551	131	550	316	537	574	570	714	595	894	607
510	298	05	666	412		855	563	115	519	301	534	561	573	702	583		
494	352	02	646	456		836	511	101	504	288	530	548	563				
497	435		643	514		829	516	094	495	280	530	540	552				
513	373	01	663	478		850	530	112	530	296	563	552	605	691	611		
522	311	02	676	425		867	494	131	526	315	573	568	628	705	643	881	649
520	273	02	678	362		873	483	134	556	317	562	573	611	711	613	888	652
523	257	07	681	362	03	875	506	133	550	316	568	572	604	711	616	889	628
516	300	05	672	397	02	863	527	124	516	311	534	570	571	711	586		
518	261	03	676	388	01	867	539	126	547	311	539	570	567	711	570		

Results of Radiosonde Observations,
MAWSON May 1965

0000 HRS GMT

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	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	999	5170	05	001	080	5164	03	123	5209	02	167	5236	02	267	5165	12	383	178	1
03	987	5122	06	509	071	5172	05	114	5198	05	159	5191	07	259	5171	12	375	172	1
03	985	5110	06	510	070	5157	05	113	5177	05	159	5163	09	259	5155	13	376	205	1
05	989	5070	11	507	075	5096	10	119	5127	11	165	5142	12	266	5186	11	380	246	0
06	994	5121	08	503	077	5122	05	121	5150	04	167	5164	03	268	5178	10	382	235	0
06	994	5104	05	503	078	5147	04	120	5182	03	166	5214	03	265	5175	07	379	241	0
07	992	5090	06	505	076	5138		119	5178		164	5206		263	5225		376	249	0
08																			
10																			
11	982	5083	12	513	069	5102	08	113	5132	08	159	5172	07	258	5211	08	370	285	0
11	994	5093	07	503	079	5127	06	122	5166	05	167	5204	04	266	5210	07	379	259	0
12	992	5151	04	502	078	5174	03	121	5204	03	166	5232	02	263	5203		377	262	
14	987	5157	05	509	071	5174	03	114	5176	03	159	5209	03	258	5197		371	268	
14	987	5171	04	509	070	5202	04	113	5192	03	158	5198	02	258	5192		371	240	
15	994	5217	02	503	075	5243	03	116	5228	04	161	5192	07	259	5241	04	371	272	0
16	992	5196	03	504	074	5218	02	116	5232	02	160	5244	02	258	5229		370	288	0
18	991	5224	02	505	072	5238	02	114	5255	02	158	5280	01	255	5242	02	367	299	0
18	999	5240	02	000	077	5272	01	119	5295	01	162	5272	01	259	5252	02	370	301	
20	994	5183	03	503	076	5196	03	118	5226	02	163	5248	02	262	5219		374	272	
20	992	5122	08	504	076	5157	08	119	5190	07	164	5188	08	265	5182	10	379	228	0
22	995	5092	15	502	079	5095	14	123	5131	12	169	5158	11	269	5166	12	384	240	0
22	010	5051	13	010	092	5100	15	136	5123	14	182	5132	15	284	5161	04	398	214	0
24	015	5075	14	013	095	5140	08	138	5153	08	184	5140	12	286	5142	19	402	170	1
24	002	5077	13	003	084	5142	11	128	5155	10	173	5148	12	274	5191	10	387	235	0
25	997	5161	04	501	079	5170	05	122	5180	06	167	5162	06	267	5209		380	273	
26	001	5136	07	502	082	5151	06	125	5185	05	170	5206	05	271	5178	04	385	235	0
28	993	5156	05	504	075	5176	03	118	5208	03	163	5237	02	261	5200		375	229	
29	991	5115	14	505	076	5139	10	119	5165	09	164	5201	07	262	5264	05	373	296	0
29	991	5100	10	506	076	5129	09	119	5172	07	164	5205	07	262	5236	06	373	305	0
31	995	5087	09	502	079	5125	09	123	5162	08	168	5187	08	266	5245	06	377	326	0
31	999	5092	11	001	082	5138	11	125	5174	09	170	5204	08	267	5245	06	379	311	0

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE
	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
02																		
03	509	260	07	667	382	03	859	539	110	618	291	566	548	566	689	581	869	601
03	508	304	05	663	412		853	558	105	608	287	552	548	561	681	579	867	601
05	510	327	04	664	426		854	560	106	605	287	577						
06	513	328	03	666	434		855	564	106	616	285	595	539	590	678	605	856	639
06	510	325	02	664	438		851	581	102	592	283	589	537	608	676	624		
07	507	339	02	660	429		848	573	099	615	279	595	530	637				
08																		
10																		
11	499	369	03	650	476		836	556	092	573	275	593	550	595	669	800		
11	509	331	03	663	434		851	573	101	630								
12	507	345		659	466		844	602	096	617	275	608	526	629	653	645	837	568
14	501	344		654	452		840	594	087	663	264	623	512	663	647	670	820	689
14	502	335		655	454		843	587	091	610	270	614	521	626	658	642		
15	500	352	02	652	451		838	598	092	572	275	557	531	594	670	607	848	624
16	498	368	02	649	494		833	603	089	553	272	575	526	598	665	635		
18	495	384	01	645	492		828	597	085	557	268	590	520	694	657	659	830	674
18	497	378		649	461		836	552	091	594	289	626	518	674	653	656	826	700
20	504	343		657	418		847	565	100	602	280	610	530	651	665	679	836	705
20	510	327	04	664	448		851	569	106	597	286	615	535	649	670	680	843	693
22	518	316	02	670	428		859	530	113	616								
22	530	315		685	432		873	560	127	618	305	636	553	673	687	709		
24	537	244	08	696	371	03	888	539	138	686	311	620	558	673	692	706	862	724
24	519	352	02	672	423	01	861	561	111	647	288	636	534	670	668	697		
25	508	366		659	477		846	573	100	603	279	621	526	680	656	704	826	727
26	516	324	03	670	419		859	570	105	713	278	673	521	695	654	715		
28	506	317	02	660	437	01	848	561	098	626	276	630	523	665	657	705	828	707
29	501	374	02															
29	500	409	02	648	521		832	596	084	623	261	638	505	699				
31	503	411	01	652	505		835	611	085	628	262	658	505	707	636	725		
31	505	418		653	514		837	586	088	648	263	667	505	714				

Results of Radiosonde Observations,
MAWSON June, 1965

0000 HRS. GMT

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
994	5120	07	503	077	5159	05	120	5159	07	166	5173	07	266	5183	03	380	252	03
989	5156	04	507	072	5203	04	114	5219	03	159	5237	02	258	5205		371	261	
994	5194	04	503	075	5245	04	116	5284	03	160	5250	04	258	5237	06	369	301	04
002	5219	03	003	081	5256	03	122	5285	02	165	5283	03	262	5243	03	373	308	02
003	5220	03	004	081	5235	02	123	5214	02	168	5188	03	267	5236	03	377	326	01
997	5230	03	501	076	5274	03	117	5208	04	162	5207	03	259	5263	02	369	348	01
001	5248	03	002	078	5268	02	120	5250	02	164	5230	02	260	5278		370	335	02
990	5162	03	506	073	5175	03	116	5216	04	160	5229	05	259	5232	07	370	305	04
985	5192	04	509	069	5207	02	111	5233	02	156	5188	03	255	5243	03	365	315	03
990	5210	03	506	072	5231	02	114	5217	02	159	5186	03	258	5225	03	369	292	02
987	5187	03	509	070	5227	02	111	5253	02	155	5261	02	253	5248	02	364	308	03
990	5214	03	506	072	5206	03	114	5211	03	159	5207	03	257	5257	03	367	324	02
980	5194	03	514	065	5178	03	107	5191		152	5206		251	5255	02	352	294	02
963	5186	03	527	052	5178	03	095	5212	02	139	5197	03	238	5246	03	348	327	03
978	5218	03	514	064	5212	04	106	5226	04	151	5237	03	248	5254		358	337	01
981	5176	04	513	066	5195	04	108	5236	04	152	5262	04	248	5327	03	356	359	01
987	5172	04	508	072	5165	05	115	5188	05	160	5203	04	258	5262	02	367	336	01
990	5171	03	506	074	5180	05	116	5218	05	160	5238	05	257	5265	03	368	316	04
003	5186	03	004	082	5232	03	123	5267	03	167	5297	03	263	5267	02	373	326	
999	5211	02	001	078	5250	02	119	5288	01	163	5302	01	259	5241		371	288	03
996	5250	02	501	075	5285	02	116	5317	02	159	5332	01	252	5302	02	361	360	01
007	5220	03	006	084	5229	03	126	5255	03	170	5238	02	267	5275		379	252	
993	5221	02	504	074	5228	02	116	5265	02	159	5300	01	255	5278	02	365	329	
990	5201	02	506	073	5228	02	114	5270	01	157	5303	01	252	5277	03	362	333	01
001	5247	02	002	079	5239	02	121	5252	02	165	5266	02	260	5258	02	372	274	
001	5247	03	002	080	5239	02	121	5276	02	165	5286	02	262	5211		375	259	03
007	5229	02	007	084	5282	01	124	5309	01	167	5326	01	263	5268		373	320	
995	5258	01	502	074	5245	02	116	5258	02	159	5286	01	255	5279	02	365	334	
995	5253	02	502	074	5272	01	115	5308	01	158	5344	01	251	5296	01	360	347	01
995	5243	02	502	075	5255	02	116	5296	01	159	5330	01	255	5298		364	350	02

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
509	354	01	661	461		847	503	093	688	266	678	508	721				
501	351		692	477		858	584	087	633	264	645	509	689	642	706		
497	381	02	647	474		832	596	081	649	257	649	503	671	636	698		
500	400	01	649	516		832	613	080	657	255	653						
503	422		651	525		835	603	082	651	258	643	504	681	650	697		
494	442		641	523		825	577	076	617	255	613	505	658				
497	384	01	647	470		857	531	089	677	264	659	508	693	641	712		
497	400	02	646	493		850	618	078	628	255	652	500	697				
492	416		641	507		822	639	067	676	241	685	482	720				
497	372	01	649	475		855	579	080	700	251	711	489	741				
491	397	02	641	478		825	615	070	691	242	695	482	725				
493	417		641	518		824	626	071	667	245	679	487	717				
490	372	01	648	488		823	559	071	645	247	653	491	697	623	720		
475	397	02	624	513		808	570	063	586	241	605						
484	420		632	507		815	565	069	602	248	624	494	677	627	719	795	755
481	414		630	488		816	559	071	594	251	617	498	697	631	708	800	
493	403		643	478		829	590										
494	401	02	643	517		826	606	074	658	248	677	498	725	620			
500	415		648	498		853	574	084	642	258	577	500	719	630			
501	339	03	653	462		858	620	083	669	257	672	499	718				
487	405		636	501		820	576	072	623	248	672	487	793	617			
510	292		666	394		858	527	106	745	272	765	502	772				
491	391		641	484		825	595	077	620	253	670	494	750	624	761		
488	414		636	521		819	604	069	650	244	670	484	702				
501	360		652	451		839	589	086	678	259	689	499	739				
506	307	05	660	425		848	576	094	696	268	662	511	708	642	755		
501	388	01	651	481		836	580	088	619	265	649	508	712	640	723		
491	391	01	641	478		825	575	082	369	269	591	514	648	649	678	821	713
485	423		634	499		820	544	079	544	262	580	518	621				
489	425		637	499		821	589	074	615	242	624	501	643	636	658		

Results of Radiosonde Observations,
MAWSON July, 1965

0000 HRS GMT

DAY	SURFACE PRESSURE	SURFACE TEMPERATURE	SURFACE MIXING RATIO	1000 MB. GEOPOTENTIAL	900 MILLIBARS GEOPOTENTIAL	900 MILLIBARS TEMPERATURE	900 MILLIBARS MIXING RATIO	850 MILLIBARS GEOPOTENTIAL	850 MILLIBARS TEMPERATURE	850 MILLIBARS MIXING RATIO	800 MILLIBARS GEOPOTENTIAL	800 MILLIBARS TEMPERATURE	800 MILLIBARS MIXING RATIO	700 MILLIBARS GEOPOTENTIAL	700 MILLIBARS TEMPERATURE	700 MILLIBARS MIXING RATIO	600 MILLIBARS GEOPOTENTIAL	600 MILLIBARS TEMPERATURE
	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
02	992	5245	01	504	073	5267	02	114	5288	02	157	5298	02	253	5289	02	361	375
02	992	5209	03	505	073	5238	02	114	5278	02	157	5291	02	253	5301	02	361	388
03																		
05	998	5146	07	500	080	5146	05	123	5171	05	169	5191	05	267	5242	03	378	345
06	982	5210	03	512	066	5205	03	109	5232	02	153	5271	02	250	5266		359	336
07	990	5171	05	506	073	5178	06	116	5197	06	161	5228	05	258	5283	03	367	343
07	992	5130	06	505	076	5168	06	118	5205	06	163	5240	05	260	5264	02	371	315
08	987	5145	05	508	072	5188	04	114	5222	04	158	5252	03	254	5265	05	365	315
10	987	5135	06	509	071	5170	06	114	5207	05	158	5244	05	255	5298	04	364	341
11	982	5164	05	512	067	5198	05	109	5228	05	154	5260	04	249	5304	04	358	350
11	980	5206	03	513	065	5193	04	107	5215	04	152	5223	04	249	5273	02	359	327
12	986	5261	03	510	068	5176	06	110	5190	04	156	5208	03	253	5277	03	362	334
13	994	5142	06	503	077	5158	06	120	5182	05	166	5205	06	263	5265	05	373	335
14	999	5157	07	001	081	5196	07	123	5207	07	168	5231	06	265	5281	04	374	358
16	008	5230	03	008	084	5267	02	126	5232	02	170	5217	02	268	5248		380	278
16	988	5227	03	507	070	5243	03	112	5278	03	155	5289	03	252	5268	04	362	321
17	982	5248	02	511	065	5282	01	106	5324	01	149	5347	01	243	5285	02	352	330
18	988	5299	01	508	068	5324	01	108	5332	01	150	5342	01	245	5315		353	356
20	984	5302	01	510	065	5330	01	105	5361	01	147	5379	01	240	5317		349	344
20	979	5305	01	514	061	5336	01	101	5354	01	143	5370	01	236	5331	01	344	356
21	984	5318	01	509	065	5350	01	105	5362	01	147	5368	01	241	5322	01	348	371
23	972	5226	04	519	058	5255	03	099	5280	03	143	5249	05	240	5246	06	351	297
24	975	5235	04	517	061	5230	04	102	5265	03	146	5292	03	243	5229	04	354	326
24	982	5229	03	512	065	5257	02	106	5280	03	150	5257	04	247	5270	05	357	336
26	966	5175	07	525	054	5186	06	096	5221	05	141	5255	04	237	5272	04	348	317
27	973	5155	09	520	060	5175	07	103	5214	05	147	5250	04	243	5323	03	352	329
28	990	5190	03	506	073	5211	03	114	5253	03	158	5295	02	253	5285	04	362	365
28	991	5228	03	505	071	5284	02	112	5297	01	155	5308	01	250	5312	03	358	375
29	001	5276	02	002	078	5301	01	118	5330	01	161	5348	01	256	5271		366	346
30	998	5256	02	000	077	5279	02	117	5299	02	160	5309	01	257	5267		367	302
31	994	5257	03	503	074	5274	02	114	5310	02	157	5325	01	252	5282	02	362	337

DAY	500 MILLIBARS GEOPOTENTIAL	500 MILLIBARS TEMPERATURE	500 MILLIBARS MIXING RATIO	400 MILLIBARS GEOPOTENTIAL	400 MILLIBARS TEMPERATURE	400 MILLIBARS MIXING RATIO	300 MILLIBARS GEOPOTENTIAL	300 MILLIBARS TEMPERATURE	200 MILLIBARS GEOPOTENTIAL	200 MILLIBARS TEMPERATURE	150 MILLIBARS GEOPOTENTIAL	150 MILLIBARS TEMPERATURE	100 MILLIBARS GEOPOTENTIAL	100 MILLIBARS TEMPERATURE	80 MILLIBARS GEOPOTENTIAL	80 MILLIBARS TEMPERATURE	60 MILLIBARS GEOPOTENTIAL	60 MILLIBARS 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	484	483		628	553		810	593	061	644	236	671	477	729	608	737		
02	484	478		628	572		808	630	054	674	226	703	464	751				
03																		
05	502	444		648	548		828	663	068	738	236	748						
06	485	412		635	512		815	645	059	695	230	723	464					
07	492	422		640	520		823	614	068	690	239	717	475	772				
07	497	394	01	647	506		828	644	071	692	243	706	481	756				
08	492	392	01	641	502		823	628	069	685	242	688	481	757				
10	489	424		636	535		817	654	063	666	236	693						
11	483	406	01	632	519		813	634	080	659	233	693	472	746	601	768		
11	485	407		634	506		817	618	064	678	237	691	476	737				
12	488	430		635	515		817	632	062	687	233	716	470	764				
13	498	447		643	568		822	648	066	692	237	716						
14	498	446		645	538		825	625	072	673	245	695	483	742				
16	509	344	02	661	459		847	590	091	733	259	753						
16	488	399	02	638	499		821	619	066	694	237	718	473	766				
17	478	416		626	515		809	623	053	702								
18	475	404		629	478		813	615	057	715	227	739	461					
20	474	421		622	524		803	646	047	715	216	738						
20	469	430		618	523		797	648	039	710	209	740						
21	475	451		619	535		800	619	048	674	220	714						
23	479	400	02	628	513		809	654	051	726	220	728						
24	480	439		626	560		804	650	048	699	218	728						
24	483	428		630	531		809	667	049	721	218	743	451	788				
26	474	427		620	558		798	686	037	728								
27	478	437		623	569		801	666	041	736	208	762						
28	486	461		630	576		808	670	050	728	218	748						
28	482	457		629	505		842	612	059	693	229	723	464	772				
29	492	388		643	457		831	568	079	687	251	691	491	744				
30	495	357	02	647	457		833	600	081	666	255	667	498	716				
31	489	405	01	638	495		821	624	067	688	237	723	473	770				

Results of Radiosonde Observations,
MAWSON August, 1965

0000 HRS GMT

SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
PRESSURE	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	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
986	5181	07	509	070	5204	05	112	5229	05	156	5239	05	253	5239	06	365	309	04
982	5141	08	512	068	5162	06	110	5195	06	155	5218	06	255	5264	05	364	307	04
987	5179	03	508	070	5221	02	112	5229	02	157	5249	02	254	5266	02	365	314	03
988	5229	02	507	069	5268	03	111	5296	02	154	5300	02	249	5303	03	357	353	02
987	5242	02	508	069	5281	03	109	5295	03	152	5332	02	246	5358	02	352	422	
985	5264	02	510	066	5291	01	107	5330	01	149	5369	01	242	5370	01	348	405	01
976	5222	03	516	061	5242	03	103	5279	03	146	5297	03	241	5323	02	348	395	01
986	5251	02	508	068	5283	02	109	5308	02	151	5342	02	245	5316	01	354	368	01
993	5203	04	503	074	5248	04	115	5281	05	159	5314	03	252	5350	02	359	406	01
995	5213	03	502	076	5243	03	117	5243	03	161	5264	03	257	5310	01	356	305	03
986	5191	03	509	070	5221	02	111	5253	02	155	5273	02	252	5238		363	297	02
985	5231	03	510	068	5212	03	110	5296	02	155	5238		252	5277		362	298	
980	5239	03	513	064	5239	03	106	5267	02	149	5296	02	244	5298	01	355	362	01
994	5228	03	509	068	5270	01	109	5296	01	153	5257	02	250	5231		363	260	05
973	5138	10	519	061	5161	07	104	5191	06	148	5229	05	245	5315	03	353	336	03
985	5135	07	510	070	5178	05	112	5219	05	156	5260	04	252	5318	03	359	373	02
010	5188	03	009	088	5203	04	130	5204	04	174	5233	04	271	5283	02	381	338	01
990	5115	07	507	074	5144	03	116	5171	03	162	5209	05	259	5248	06	371	290	05
011	5083	10	010	092	5134	10	135	5172	09	180	5202	08	278	5241	06	390	302	03
997	5099	07	500	081	5120	07	124	5153	06	170	5176	07	269	5213	05	382	246	04
983	5090	12	512	070	5109	09	114	5147	06	159	5188	06	259	5215	05	372	251	
993	5083	09	504	078	5116	09	121	5156	08	167	5195	07	265	5235	05	376	278	02
981	5140	05	513	068	5148	04	111	5177	03	156	5218	03	253	5223	03	365	277	02
987	5166	03	508	071	5177	03	114	5217	02	158	5250	02	257	5198		370	263	
977	5132	11	516	064	5159	08	107	5165	09	152	5198	07	251	5222	07	363	279	04
986	5123	09	509	071	5165	06	114	5207	05	159	5245	04	255	5259	05	367	285	04
992	5125	06	505	075	5167	06	118	5207	05	163	5238	05	260	5218	07	372	281	04
989	5184	04	506	072	5195	03	115	5214	03	159	5236	02	258	5228	03	369	303	02
993	5179	05	504	074	5224	05	116	5236	04	160	5261	04	258	5235	05	369	305	02
991	5208	04	505	072	5250	04	113	5279	04	157	5239	03	255	5233	04	366	298	04

500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE
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
491	408	01	640	493		825	657	065	732	233	761						
491	386	02	641	508		822	648	061	772	227	772						
491	407	02	659	522		820	654	088	765	224	766						
462	446		629	545		809	638	088	733	218	762						
474	475		619	547		799	633	044	720	213	744						
478	494		613	590		792	623	039	677	211	715						
471	480		615	565		795	624	042	682	213	708						
478	445		624	541		805	639	050	685	221	726						
481	472		627	546		808	613	056	669	228	724						
494	382	02	645	458		851	597	075	720	244	730						
492	371	02	643	488		825	647	067	727	236	737						
490	396		638	516		819	663	060	724	228	733						
477	433		625	497		810	578										
494	304	04	650	387	02	840	551	085	781								
479	421		626	526		807	640	052	702	221	747	455	780				
484	422		652	539		812	626	037	708	228	746						
507	415		686	472		842	594	085	752	252	765	489	800				
501	324	04	687	377	03	849	541	096	743	263	744						
518	371	02	669	474		855	581	102	706	270	753	505	795				
512	322	03	667	428		854	583	099	714	268	745						
502	341	01	655	431		843	576	087	767	252	780						
506	347	01	658	454		844	600										
494	369		645	471		831	588	076	742	242	779						
500	353		651	473		837	595	081	751	246	786	476					
492	358	02	643	480		827	606	070	760	238	765						
495	378	02	645	508		828	630	072	710	243	741	475					
500	391	02	649	492		834	604										
497	385	01	647	469		833	604	076	725	245	736						
496	391	01	646	480		831	590	079	693	250	708	488	764				
494	392	02	643	519		825	650	066	719	235	738						

Results of Radiosonde Observations,
MAWSON September, 1965

0000 HRS GMT

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBAR	
	PRESSURE	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE
	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
02	988	5244	02	508	070	5257	01	111	5293	01	154	5306	01	250	5265	02	360	338
03	991	5253	02	505	071	5283	01	112	5315	01	157	5339	01	250	5275	02	359	350
04	994	5248	03	503	074	5270	03	115	5309	02	157	5330	02	252	5295	02	361	366
04	993	5241	02	504	073	5263	02	114	5306	02	157	5338	02	252	5306	02	360	377
06	993	5252	02	503	073	5279	01	114	5311	01	157	5268	01	253	5299	02	362	372
06	996	5277	01	502	074	5295	01	115	5309	01	158	5305	02	252	5322	02	360	367
08																		
09	972	5214	04	520	058	5237	03	099	5274	03	143	5301	03	237	5337	02	345	359
09	963	5210	04	526	052	5210	04	094	5216	04	137	5273	04	237	5225	03	348	283
11	985	5143	07	510	070	5188	05	112	5229	04	156	5253	04	254	5234	06	365	310
12	986	5208	05	509	069	5219	05	111	5244	04	155	5241	05	253	5260	05	363	325
13	969	5227	04	522	056	5220	05	098	5249	04	141	5277	04	238	5265	05	348	326
14	973	5235	03	519	058	5270	02	099	5307	02	141	5341	02	235	5297	04	344	354
14	972	5196	03	520	059	5211	03	100	5252	02	144	5276	02	240	5284	02	350	332
16	963	5172	05	527	053	5129		097	5163		142	5203		239	5276	02	351	298
17	985	5102	09	510	071	5133	08	114	5168	07	160	5195	06	258	5231	06	369	298
18	985	5113	09	510	072	5095	07	116	5129	06	162	5170	05	260	5235	05	373	266
19	984	5175	05	511	068	5220	03	109	5258	03	153	5281	02	248	5320	01	355	376
20	984	5169	05	511	068	5172	03	111	5203	03	155	5244	03	251	5331	02	357	421
21	996	5160	05	502	077	5192	04	120	5212	04	164	5231	04	262	5269	02	371	363
22	995	5214	02	502	076	5230	04	117	5267	03	161	5282	03	257	5304	03	365	368
22	002	5230	02	003	080	5270	02	121	5299	02	164	5300	02	260	5279	02	370	336
23	997	5244	03	502	075	5258	02	117	5264	02	160	5278	02	258	5246	03	369	322
24	984	5212	02	510	068	5231	02	109	5265	02	153	5290	02	249	5264		359	323
25	983	5254	02	511	066	5274	03	107	5304	02	150	5316	02	244	5295	02	353	365
26	991	5240	02	505	072	5284	02	112	5318	01	155	5350	01	249	5328	02	357	370
27	980	5245	02	511	066	5271	01	107	5302	01	150	5315	01	246	5277	02	355	329
29	973	5196	06	519	060	5209	05	102	5227	04	146	5252	04	242	5264	04	353	295
29	981	5155	05	513	067	5193	04	109	5229	04	153	5262	04	250	5258	05	361	320
30	981	5195	04	513	066	5180	03	109	5219	03	153	5254	03	251	5267	04	361	319

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBAR	
	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-
	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.
02	486	420		633	530		815	627	058	721	227	729						
03	484	450		629	559		811	608	058	697	228	725						
04	485	453		630	552		811	623	055	699	225	731						
04	483	455		630	532		810	635	055	704	224	736						
06	486	428		634	528		815	630	058	724	227	734						
06	484	454		631	526		813	623	057	710	228							
08																		
09	470	430		618	514		801	603	049	674	221	689	459					
09	477	364	02	628	472		813	611	058	691	230	694	471					
11	492	419	01	640	519		822	639	067	697	237	723	478	712	608	699		
12	489	425		637	507		819	640	060	733	228	747						
13	474	428		621	541		800	648	043	713								
14	469	444		615	543		794	644	039	688	210	730						
14	476	399		627	448		814	565	062	732	229	720	468	736				
16	478	363		630	466		815	598	059	735	228	755						
17	497	385	02	646	511		828	627	071	728	239	734						
18	501	380	01	651	494		835	611	078	726	248	738						
19	480	425		629	494		814	606	057	767	228	739						
20	480	442		627	528		809	601	056	696	226	736						
21	496	422		643	534		824	648	067	725	235	752						
22	490	436		638	506		821	615	066	713	238	748						
22	495	418		644	497		827	612	072	724	240	746						
23	495	413		643	531		824	635	068	757	234	747						
24	486	406		634	522		815	640	058	724	226	744	462	752				
25	477	439		624	548		805	617	052	686	225	725	460	733				
26	482	430		630	502		814	602	060	702	231	726						
27	483	377		634	464		820	587	068	681	240	694	480	726	612	724		
29	481	369	02	631	483		815	616	061	689	233	692						
29	487	398	02	637	493		820	619	063	715	233	719	473	715	605	703		
30	488	395	01	637	510		818	639	063	712	232	736						

Results of Radiosonde Observations,
MAWSON October, 1965

0000 HRS GMT

PRESSURE	SURFACE TEMPERATURE	SURFACE MIXING RATIO	1000 MB. GEOPOTENTIAL	900 MILLIBARS GEOPOTENTIAL	900 MILLIBARS TEMPERATURE	900 MILLIBARS MIXING RATIO	850 MILLIBARS GEOPOTENTIAL	850 MILLIBARS TEMPERATURE	850 MILLIBARS MIXING RATIO	800 MILLIBARS GEOPOTENTIAL	800 MILLIBARS TEMPERATURE	800 MILLIBARS MIXING RATIO	700 MILLIBARS GEOPOTENTIAL	700 MILLIBARS TEMPERATURE	700 MILLIBARS MIXING RATIO	600 MILLIBARS GEOPOTENTIAL	600 MILLIBARS TEMPERATURE	600 MILLIBARS 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
991	5135	06	506	074	5169	05	117	5202	05	161	5234	05	258	5258	04	369	307	02
997	5122	07	501	079	5157	07	122	5198	06	166	5238	05	263	5278	04	373	325	03
002	5118	09	003	083	5169	08	126	5202	07	171	5233	06	268	5270	05	377	356	02
994	5132	04	503	077	5173	06	120	5213	06	164	5248	05	261	5277	04	371	341	02
964	5113	07	527	055	5118	05	098	5151	04	144	5178	03	243	5244	02	354	309	02
969	5136	06	523	058	5158	04	101	5187	04	145	5226	03	243	5225	03	356	265	02
977	5164	05	516	064	5183	04	106	5222	03	151	5235	04	249	5218	02	362	246	07
971	5172	04	521	058	5210	04	100	5242	04	144	5268	03	240	5269	04	351	315	03
969	5188	03	522	057	5218	03	099	5250	03	142	5270	03	239	5257	02	348	326	02
976	5228	03	517	061	5247	02	102	5288	01	145	5325	01	239	5280	02	348	339	01
985	5208	02	509	069	5237	02	101	5269	01	184	5246	02	252	5247	02	364	270	
980	5151	09	514	065	5204	06	107	5207	06	152	5240	05	251	5207	08	364	265	06
976	5061	16	518	065	5067	08	109	5103	06	156	5148	05	256	5172	08	370	221	07
984	5093	11	510	071	5106	07	115	5134	06	161	5158	05	261	5195	03	375	240	06
978	5120	09	516	065	5164	07	107	5202	06	152	5221	06	249	5258	05	360	306	04
977	5160	05	516	064	5164	04	106	5206	03	151	5245	03	247	5310	03	357	319	
971	5156	05	520	059	5188	03	101	5228	03	145	5262	03	241	5250	03	351	322	01
980	5185	04	514	065	5204	04	107	5244	03	151	5277	03	245	5343	02	354	338	02
981	5147	05	513	066	5166	05	109	5207	05	154	5245	04	250	5278	04	360	324	03
984	5085	08	511	070	5125	06	114	5154	06	159	5194	07	257	5259	08	368	330	03
990	5155	05	506	073	5180	03	116	5213	03	160	5246	02	258	5242	02	369	310	01
996	5143	05	501	078	5186	06	121	5226	05	165	5248	04	262	5259	04	373	334	02
992	5150	04	504	075	5196	03	117	5215	03	162	5225	03	259	5243	02	370	333	02
996	5149	04	502	078	5192	03	120	5218	03	165	5229	03	263	5253	03	373	332	01
992	5167	03	505	074	5197	03	116	5233	03	161	5249	03	258	5249	02	369	302	03
990	5165	03	506	073	5186	04	115	5214	04	160	5245	03	258	5232		370	255	
985	5118	08	510	070	5144	06	113	5184	05	158	5222	05	255	5267	02	365	314	03
985	5126	05	510	070	5148	04	113	5182	04	158	5214	04	256	5251	02	367	307	
82	5157	05	512	068	5170	06	110	5203	05	155	5213	04	253	5240	02	365	288	

500 MILLIBARS GEOPOTENTIAL	500 MILLIBARS TEMPERATURE	500 MILLIBARS MIXING RATIO	400 MILLIBARS GEOPOTENTIAL	400 MILLIBARS TEMPERATURE	400 MILLIBARS MIXING RATIO	300 MILLIBARS GEOPOTENTIAL	300 MILLIBARS TEMPERATURE	200 MILLIBARS GEOPOTENTIAL	200 MILLIBARS TEMPERATURE	150 MILLIBARS GEOPOTENTIAL	150 MILLIBARS TEMPERATURE	100 MILLIBARS GEOPOTENTIAL	100 MILLIBARS TEMPERATURE	80 MILLIBARS GEOPOTENTIAL	80 MILLIBARS TEMPERATURE	60 MILLIBARS GEOPOTENTIAL	60 MILLIBARS 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
96	408	01	645	489		829	626	071	737								
99	410	01	647	527		828	640	069	747								
02	435		649	522		831	624	074	727	242	734						
97	415		645	502		828	606	074	695	245	714						
82	373	01	634	460		819	594	071	674	242	720	483	745				
85	352		640	410		829	554	077	719	247	725	487	700	620	684		
92	337	03	645	451		831	611	074	722	243	730	482	713				
78	388	02	628	482		812	617	058	673	231	693	473	685	608	695	779	671
76	405	01	624	515		806	637	051	685	224	690	466	683	601	673	774	662
74	397		626	504		808	581	056	678	230	682						
95	316	02	649	427		838	554	086	734	253	708	490	734	621	697		
94	355	03	646	434		836	567										
03	299	04	659	406	02	860	825	099	753	266	762	505	691	640	666	815	625
05	351	03	659	434		847	560	098	663	272	670	517	655				
88	375	02	640	454		827	567	091	625	258	637	540	598	648	591	831	542
88	388	01	633	495		817	606	085	646	242	637	492	614	631	589	815	563
77	403	01	627	513		809	598	088	661	233	646	482	617	621	598	802	575
80	406	01	628	523		810	608	089	661	234	689	480	649	617	698	794	621
86	427		633	533		814	620	062	672	238	677						
94	411		643	516		825	630	068	697	248	690	484	663	620	640		
96	408	01	644	516		826	623	076	667	252	643	501	621	648	693		
98	427		645	530		828	586	082	600	261	602	516	581	656	583		
95	430		643	511		828	554	085	578	266	589	523	563	665	552	850	
00	386		651	450		838	577	098	614	270	589	526	565	668	540	854	506
97	358	02	649	472		834	594	085	632	262	613	517	562	660	583	850	465
00	346		652	468		836	610	085	648	262	614	513	527	664	472	857	439
93	367	02	644	477		828	625	075	660	250	627	508	547	649	493	840	440
94	381		644	491		826	638	073	666	248	638	499	588	640	552	826	
93	372		644	475		829	601	075	679	249	682	497	615	696	591	818	543

Results of Radiosonde Observations, MAWSON November, 1965

0000 HRS GMT

DAY	SURFACE PRESSURE	SURFACE TEMPERATURE	SURFACE MIXING RATIO	1000 MB. GEOPOTENTIAL	900 MILLIBARS GEOPOTENTIAL	900 MILLIBARS TEMPERATURE	900 MILLIBARS MIXING RATIO	850 MILLIBARS GEOPOTENTIAL	850 MILLIBARS TEMPERATURE	850 MILLIBARS MIXING RATIO	800 MILLIBARS GEOPOTENTIAL	800 MILLIBARS TEMPERATURE	800 MILLIBARS MIXING RATIO	700 MILLIBARS GEOPOTENTIAL	700 MILLIBARS TEMPERATURE	700 MILLIBARS MIXING RATIO	600 MILLIBARS GEOPOTENTIAL	600 MILLIBARS TEMPERATURE	600 MILLIBARS MIXING
	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/
02	946	5080	18	542	040	5048	21	085	5063	19	132	5100	15	234	5161	10	348	223	06
03	952	5045	12	537	046	5077	10	090	5108	09	136	5152	09	236	5215	08	349	267	05
04	961	5097	13	529	052	5103	16	096	5134	14	142	5152	13	242	5228	07	353	297	04
04	973	5076	12	522	059	5113	10	103	5148	09	148	5184	08	247	5255	06	357	318	04
06	975	5096	08	518	063	5130	08	107	5166	07	152	5206	06	250	5254	05	360	336	03
07	978	5125	07	515	065	5146	08	108	5175	05	153	5218	04	250	5280	04	360	334	02
07	979	5176	03	515	064	5182	04	107	5215	04	151	5242	03	248	5276	03	357	330	02
08	972	5150	04	520	059	5195	03	102	5215	04	146	5253	03	243	5266	02	353	328	01
10	980	5139	09	514	066	5168	07	109	5194	06	153	5237	05	249	5317	03	358	343	02
11	982	5138	05	513	068	5166	05	110	5202	05	155	5227	04	251	5306	02	361	346	02
11	984	5147	04	511	069	5175	04	112	5211	04	156	5235	05	253	5291	03	362	343	02
13	975	5143	07	518	063	5154	05	105	5168	05	151	5207	04	248	5280	02	357	330	02
14	979	5161	05	515	065	5159	03	108	5194	03	153	5215	03	251	5265	02	361	301	02
15	970	5119	05	522	058	5152	04	101	5193	04	146	5236	03	243	5273	02	352	335	01
15	964	5088	10	527	055	5111	09	099	5144	08	144	5185	07	242	5262	05	353	323	03
17	971	5099	08	521	061	5083	06	105	5121	05	151	5156	05	251	5198	04	363	283	03
18	979	5105	06	515	067	5114	07	110	5153	06	156	5185	07	255	5206	04	368	274	03
19	975	5082	11	519	064	5065	10	108	5104	09	155	5147	09	255	5207	07	367	300	04
20	973	5096	07	519	062	5110	06	106	5147	06	151	5184	06	251	5204	03	364	254	02
20	982	5090	08	512	069	5108	08	113	5148	07	159	5141	08	259	5215	05	371	254	02
22	986	5077	10	510	072	5114	12	116	5144	10	162	5161	06	261	5183	07	376	237	05
22	971	5048	10	521	061	5058	08	106	5090	06	152	5127	06	252	5216	05	365	247	06
24	973	5055	09	520	063	5076	10	107	5119	09	153	5155	08	252	5204	09	366	236	01
25	981	5026	13	514	070	5055	13	114	5161	13	161	5130	12	261	5208	09	373	293	04
25	990	5040	09	505	077	5095	11	121	5126	11	167	5160	09	266	5206	06	379	283	03
27	983	5075	06	512	070	5103	10	114	5138	10	160	5175	06	259	5208	04	373	258	03
28	985	5077	08	510	072	5102	09	116	5137	07	162	5163	06	261	5193	04	375	234	03
28	989	5047	08	507	075	5093	08	119	5130	07	165	5158	06	265	5172		380	220	03
30	990	5068	07	506	076	5090	07	120	5131	06	166	5163	05	266	5170		381	217	07
30	994	5048	07	503	079	5089	06	123	5126	05	169	5170	05	270	5152	06	385	216	04

DAY	500 MILLIBARS GEOPOTENTIAL	500 MILLIBARS TEMPERATURE	500 MILLIBARS MIXING RATIO	400 MILLIBARS GEOPOTENTIAL	400 MILLIBARS TEMPERATURE	400 MILLIBARS MIXING RATIO	300 MILLIBARS GEOPOTENTIAL	300 MILLIBARS TEMPERATURE	200 MILLIBARS GEOPOTENTIAL	200 MILLIBARS TEMPERATURE	150 MILLIBARS GEOPOTENTIAL	150 MILLIBARS TEMPERATURE	100 MILLIBARS GEOPOTENTIAL	100 MILLIBARS TEMPERATURE	80 MILLIBARS GEOPOTENTIAL	80 MILLIBARS TEMPERATURE	60 MILLIBARS GEOPOTENTIAL	60 MILLIBARS TEMPER-
	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
02	480	314	03	634	436		823	555	075	614	253	614	507	579	649	541		
03	478	332	03	632	445		818	584	070	624	248	619	500	594	640	594	821	573
04	481	377	02	632	491		816	587	068	618	246	615	500	586	641	556		
04	485	389	02	634	497		818	607	067	644	244	625	496	591	637	562	821	542
06	485	416		634	517		815	614	065	647	241	628	494	580	635	563	820	532
07	486	420	01	633	524		815	618	064	640	241	626	494	587	655	558	819	535
07	483	424		631	528		812	624	059	652	235	645	486	593	627	552	811	539
08	479	424		626	535		808	614	057	633	235	624	487	580				
10	483	436		630	541		812	595										
11	485	431		633	525		816	574	069	605	249	573	506	545	651	509	839	482
11	488	402	01	638	478		823	593	076	610	258	593	512	548	657	514	845	470
13	485	364	01	638	445		826	562	074	642	252	600	510	522	654	502		
14	489	369	01	641	466		827	587	077	618	256	592	512	538				
15	478	426		626	493		812	584	069	592	249	585	508	534	652	505	841	474
15	479	381	02	630	479		816	575	069	598	249	592	506	547	649	533	836	484
17	492	336	02	645	447		832	579	083	622	261	619	515	570	657	535	843	515
18	498	326	03	652	435		839	596	091	620	269	624	521	585	662	550	847	523
19	497	327	03	651	419		839	585	089	621	267	622	520	567	662	542	849	496
20	494	344	01	647	435		836	550	090	598	269	600	523	581	665	550	851	516
20	502	322	02	656	440		843	583	092	644	269	625	523	564	666	537		
22	507	320	02	661	426		849	555	100	645	277	630	530	567	673	514		
22	497	388	04	653	401		843	532	094	645	271	606	527	555	670	532	857	502
24	497	328	04	651	425		840	540	094	599	275	566	533	537	677	496	867	479
25	503	351	03	655	455		842	582	095	596	275	571	534	521	686	491		
25	507	357	02	659	442		846	574	100	584	282	570	541	522	687	489	877	450
27	503	335		657	395		848	533	104	574	286	574	545	529	689	498		
28	507	303	03	662	415		852	560	108	544	294	515	559	498	705	499	894	472
28	512	305	02	667	408	02	857	557	117	493	306	485	573	482	720	480	910	472
30	514	284	03	670	405	01	860	557	115	525	303	459	575	419	726	405	925	403
30	517	287	03	673	418		862	568	113	575	297	529	565	440	716	398		

Results of Radiosonde Observations,
WILKES December, 1965

1200 HRS GMT.

	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	SSURE	MPER-URE	ING TIO	POT-TIAL	POT-TIAL	MPER-URE	ING TIO	POT-TIAL	MPER-URE	ING TIO	POT-TIAL	MPER-URE	ING TIO	POT-TIAL	MPER-URE	ING TIO	POT-TIAL	MPER-URE	ING TIO

Results of Radiosonde Observations,
WILKES April, 1965

0000 HRS GMT

Y	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	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
2	981	5026	15	514	069	5072	11	113	5107	10	159	5149	09	259	5225	07	370	302	03
3	984	5115	07	511	070	5079	06	115	5096	05	161	5129		262	5207	03	374	292	02
4																			
5																			
6																			
7																			
8	983	5220	04	511	066	5190	05	109	5160		169	5178		255	5223		365	302	
9	982	5226	04	512	066	5169		109	5149		155	5153		254	5220		366	291	02
0	982	5189	06	513	066	5245	05	108	5204	03	153	5185	03	252	5228		364	285	
1	993	5186	04	504	076	5132	04	119	5137		165	5162		264	5230		375	321	02
2	982	5167	06	513	066	5198	07	108	5242	05	153	5222	04	252	5207		365	257	
3	967	5159	06	524	056	5120	11	100	5121	15	146	5139	14	247	5184	10	361	233	06
4	972	5198	05	520	058	5220	05	100	5182	03	146	5160		246	5191		359	269	
5	974	5202	04	518	056	5248	04	102	5153	03	147	5196		245	5237		356	304	
6	995	5166	06	502	076	5205	07	119	5180	09	164	5182	09	263	5242	06	373	335	02
7	979	5169	05	515	064	5167	08	107	5179	08	152	5199	09	250	5246	03	361	321	
8	975	5200	04	520	061	5130	04	105	5157		151	5137		252	5146		368	184	
9	982	5140	07	513	067	5107	16	112	5083	22	159	5115	18	260	5181	12	374	264	06
0	995	5135	08	503	079	5059	13	124	5099	11	170	5130	11	271	5208	06	384	251	03
1	015	5077	15	013	095	5075	22	139	5104	19	185	5135	15	286	5190	09	401	160	11
2	997	5044	24	501	082	5031	25	128	5029	27	176	5054	27	281	5098	16	398	183	08
3	992	5015	28	506	077	5057	21	122	5084	18	169	5115	14	270	5177	08	385	216	06
4	998	5144	06	500	081	5057		126	5077		173	5106		275	5134		391	176	
5	007	5106	10	006	088	5115	05	131	5141		178	5113		280	5141	05	396	186	11
6																			
7																			
8																			
9																			
0																			
1																			
2																			
3																			
4																			
5																			

	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE
	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
2	498	367	02	650	464		836	588	095	501	283	487	549	497	695	504	889	530
3	502	365		654	457		840	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Results of Radiosonde Observations,
WILKES May 1965

0000 HRS GMT

DAY	SURFACE PRESSURE mb	SURFACE TEMPERATURE °C ×10⁻¹	SURFACE MIXING RATIO dg/kg	1000 MB. GEOPOTENTIAL gpDm	900 MILLIBARS GEOPOTENTIAL gpDm	900 MILLIBARS TEMPERATURE °C ×10⁻¹	900 MILLIBARS MIXING RATIO dg/kg	850 MILLIBARS GEOPOTENTIAL gpDm	850 MILLIBARS TEMPERATURE °C ×10⁻¹	850 MILLIBARS MIXING RATIO dg/kg	800 MILLIBARS GEOPOTENTIAL gpDm	800 MILLIBARS TEMPERATURE °C ×10⁻¹	800 MILLIBARS MIXING RATIO dg/kg	700 MILLIBARS GEOPOTENTIAL gpDm	700 MILLIBARS TEMPERATURE °C ×10⁻¹	700 MILLIBARS MIXING RATIO dg/kg	600 MILLIBARS GEOPOTENTIAL gpDm	600 MILLIBARS TEMPERATURE °C ×10⁻¹	600 MILLIBARS MIXING RATIO dg/kg
02																			
03																			
04																			
05																			
06																			
07																			
08																			
09																			
10																			
11																			
12	990	5180	05	506	073	5210	04	114	5251	04	158	5272	04	256	5255		367	310	
13																			
14																			
15	973	5109	11	520	061	5159	09	104	5191	08	149	5220	06	246	5274	04	355	351	02
16	975	5186	02	518	061	5205	02	103	5201	02	148	5215	02	245	5291	02	354	348	
17	982	5168	08	513	067	5151	06	110	5187	07	155	5225	05	252	5306	03	359	386	02
18	982	5197	05	513	066	5160	07	109	5187	03	154	5220	04	251	5283	02	360	351	01
19	989	5227	07	507	070	5190	06	113	5168	04	159	5195	03	257	5260		367	355	
19	996	5217	05	502	078	5110	09	122	5125	06	160	5147	04	268	5204		381	259	
21	019	5178	04	015	096	5115		139	5154		185	5135		286	5154	06	401	200	06
21	009	5175	04	008	089	5101		133	5125		179	5134		281	5134	04	398	194	05
23	992	5214	04	505	073	5214	03	116	5194	02	161	5173		260	5237		371	293	
24	996	5166	04	502	078	5185	04	120	5207	04	164	5233	05	261	5240	05	373	290	02
25	978	5103	14	517	066	5074	19	111	5110	16	156	5141	14	256	5227	07	369	279	05
26																			
27	984	5056	16	511	071	5111	14	115	5126	14	161	5146	13	261	5197	10	374	280	05
28																			
29																			
30																			
30	995	5100	10	503	079	5082		123	5116		170	5101		272	5161		387	217	
31	991	5149	04	502	077	5147	03	120	5143		166	5147		266	5194		380	247	

DAY	500 MILLIBARS GEOPOTENTIAL gpDm	500 MILLIBARS TEMPERATURE °C ×10⁻¹	500 MILLIBARS MIXING RATIO dg/kg	400 MILLIBARS GEOPOTENTIAL gpDm	400 MILLIBARS TEMPERATURE °C ×10⁻¹	400 MILLIBARS MIXING RATIO dg/kg	300 MILLIBARS GEOPOTENTIAL gpDm	300 MILLIBARS TEMPERATURE °C ×10⁻¹	200 MILLIBARS GEOPOTENTIAL gpDm	200 MILLIBARS TEMPERATURE °C ×10⁻¹	150 MILLIBARS GEOPOTENTIAL gpDm	150 MILLIBARS TEMPERATURE °C ×10⁻¹	100 MILLIBARS GEOPOTENTIAL gpDm	100 MILLIBARS TEMPERATURE °C ×10⁻¹	80 MILLIBARS GEOPOTENTIAL gpDm	80 MILLIBARS TEMPERATURE °C ×10⁻¹	60 MILLIBARS GEOPOTENTIAL gpDm	60 MILLIBARS TEMPERATURE °C ×10⁻¹
02																		
03																		
04																		
05																		
06																		
07																		
08																		
09																		
10																		
11																		
12	495	377		647	457		856	551	097	515	284	515						
13																		
14																		
15	490	423		629	483		815	530	075	553	258	569	515	609	651	627	829	627
16	480	408		629	492		817	517	081	513	268	532	527	573	657	588	847	598
17	482	425		632	503		818	528	082	501	269	528	529	554	671	564	852	584
18	486	416		635	485		821	566	089	555	266	550	523	588	663	599	842	616
19	492	404		642	489		827	564	087	533	271	565						
19	512	328	01	665	423	01	856	553	107	624	286	621	535	639	672	651	847	660
21	535	274	03	692	401	01	882	550	132	707	305	663						
21	530	294	02	686	424		874	584	122	658	299	631	547	645				
23	500	368		683	426		844	490	103	597	264	554	537	629	674	630	850	683
24	580	376	01	651	496		857	527	096	560	278	592	532	631	666	667		
25	497	362	02	649	453		837	566	095	552	277	589	530	620	665	668	836	714
26																		
27	501	399	01	651	499		835	601	088	583	268	611	518	650	653	679		
28																		
29																		
30																		
30	519	330		672	441		860	577	106	699	283	634	533	647	668	681	840	705
31	509	359		661	454		848	586	096	670	271	644	518	680	652	666		

Results of Radiosonde Observations,
WILKES June, 1965

0000 HRS GMT

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
987	5189	05	509	069	5230	05	111	5182	05	157	5174	03	256	5214		369	273	
983	5185	06	512	067	5242	05	109	5155	04	155	5165	03	255	5195		368	277	
995	5206	03	502	076	5194	03	119	5165		164	5146		265	5190		377	275	
000	5176	06	001	080	5155	04	123	5144		169	5153		269	5199		382	272	
987	5189	04	509	069	5234	04	111	5270	04	155	5204	05	253	5244		364	323	01
992	5217	03	505	073	5245	04	114	5285	03	158	5227	03	255	5260		365	346	
985	5232	02	511	067	5232	03	109	5238	02	154	5207		251	5267	03	361	349	01
976	5280	02	516	059	5223	03	102	5192		147	5219		244	5291		352	381	
989	5249	02	506	072	5145		114	5170		160	5162	03	259	5215	06	371	293	03
983	5200	04	512	068	5111	15	112	5114	16	158	5144	14	258	5200	09	372	255	06
971	5057	12	523	060	5055	15	105	5086	11	151	5128	10	252	5209	07	354	290	04
971	5069	11	522	061	5054	13	106	5097	12	152	5134	12	252	5221	07	363	319	03
978	5064	14	516	066	5100	16	110	5122	15	159	5151	12	255	5232	06	366	329	03
985	5106	08	511	070	5108	14	114	5133	10	160	5174	07	259	5260	05	368	335	02
991	5160	04	506	074	5190	08	116	5169	05	162	5181	05	260	5264	04	370	348	02
994	5178	04	503	075	5231	05	117	5221	06	162	5203	05	259	5253	02	370	319	
987	5170	05	508	071	5145	03	114	5170	04	160	5186	03	259	5211		371	277	03
987	5201	04	508	070	5214	06	113	5158	04	159	5157		258	5234		369	336	
987	5225	02	508	069	5275	02	109	5303	02	154	5189	03	252	5257		362	338	04
988	5255	02	508	069	5269	02	110	5263	02	154	5213		252	5252	02	362	324	02
980	5242	03	515	063	5246	03	105	5216	02	150	5205		248	5263	02	358	332	02
978	5040	24	517	067	5069	20	111	5085	18	158	5111	15	259	5203	07	371	300	03
987	5066	16	509	074	5082	12	118	5123	12	164	5162	10	263	5221	06	377	252	05

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
497	376		648	474		834	589	082	664	256	664	502	669	637	681	808	710
497	370		647	498		829	622	075	665	249	665	492	698	625	699	796	700
506	367		657	480		841	609	086	663	262	641	510	651	646	664	820	651
511	361		662	484		847	597	093	665	270	628	520	636	657	646	833	643
490	409		638	519		820	604	072	596	251	613	503	635				
490	416		638	525		821	599	071	616	249	625	496	658				
485	447		632	539		812	612	068	582	249	600	498	661				
475	466		623	504		807	586	060	595	239	651	489	671	620	689	791	722
499	374	02	652	435		840	564	088	718	259	701	498	726				
503	317	04	657	435		843	602	086	730	256	698	496	730				
491	391	02	640	491		827	572	078	619	256	637	503	682	636	695	807	710
491	384	02	640	500		823	614	074	614	252	633	500	675	633	709	802	734
492	414		640	512		823	611	079	622	250	634	498	660	632	690	803	723
494	444		659	554		820	630	067	640								
494	451		640	532		821	631	068	656	242	682	484	723	615	742	782	753
497	378		647	494		832	604	076	890	249	684	491	709	622	728	790	755
500	365	02	650	486		834	628	077	671	252	651	497	690	630	720	799	750
495	400	01	644	512		826	639	071	666	245	683	487	722	617	755	784	768
488	410	01	636	525		818	633	063	658	237	684	477	748	607	750	774	744
489	415		637	521		818	642	086	650	241	656						
484	428		630	541		811	627	060	630	237	656	481	698				
498	405	01	646	490		833	550	089	582	259	627	516	665	651	700	820	723
506	325	03	660	450	02	846	603	094	630	272	619	521	655	656	675	828	706

Results of Radiosonde Observations,
WILKES July, 1965

000'0 HRS GMT

DAY	SURFACE PRESSURE mb	SURFACE TEMPERATURE °C ×10⁻¹	SURFACE MIXING RATIO dg/kg	1000 MB. GEOPOTENTIAL gpDm	900 MILLIBARS GEOPOTENTIAL gpDm	900 MILLIBARS TEMPERATURE °C ×10⁻¹	900 MILLIBARS MIXING RATIO dg/kg	850 MILLIBARS GEOPOTENTIAL gpDm	850 MILLIBARS TEMPERATURE °C ×10⁻¹	850 MILLIBARS MIXING RATIO dg/kg	800 MILLIBARS GEOPOTENTIAL gpDm	800 MILLIBARS TEMPERATURE °C ×10⁻¹	800 MILLIBARS MIXING RATIO dg/kg	700 MILLIBARS GEOPOTENTIAL gpDm	700 MILLIBARS TEMPERATURE °C ×10⁻¹	700 MILLIBARS MIXING RATIO dg/kg	600 MILLIBARS GEOPOTENTIAL gpDm	600 MILLIBARS TEMPERATURE °C ×10⁻¹	600 MILLIBARS MIXING RATIO dg/kg
01	983	5068	09	512	070	5127	10	113	5157	09	159	5170	08	258	5178	09	373	275	04
02	981	5142	06	514	066	5131	08	110	5165	07	155	5193	08	255	5167	07	369	241	03
03	991	5166	04	506	074	5172	04	116	5200	04	161	5227	04	259	5201	03	373	258	
04																			
05	981	5051	12	514	068	5100	11	112	5104	06	159	5114		260	5191		373	280	
06	987	5076	11	509	073	5100	10	117	5132	10	163	5167	09	262	5231	06	374	266	02
08	968	5053	11	522	058	5082	11	102	5100	13	149	5125	12	249	5199	06	362	278	02
08	988	5051	08	509	075	5060		119	5093	07	166	5124	05	266	5210	05	378	300	02
09	969	5020	12	525	058	5080	16	103	5091	15	149	5120	14	250	5205	07	363	272	04
10	994	5063	06	503	079	5105	06	123	5120	05	169	5135	04	269	5205		382	258	03
11	989	5045	12	507	075	5068	13	120	5092	12	164	5130	11	267	5201	09	380	228	07
12	978	5068	07	516	066	5085	09	110	5112	10	157	5141	09	257	5207	08	370	219	07
13	986	5153	04	510	070	5190	03	112	5220	03	156	5258	02	254	5231		366	272	
14	990	5217	02	506	072	5236	04	113	5275	04	157	5286	03	254	5273		364	328	
15	987	5205	04	508	069	5260	03	110	5300	03	154	5266	03	250	5300	01	358	341	
16	980	5235		514	063	5260		105	5294	01	148	5329	01	240	5375	01	346	382	01
18	973	5195	03	520	059	5217	05	101	5249	04	145	5235	04	242	5275		352	338	
19	978	5163	06	516	064	5174	07	106	5201	06	151	5229	04	248	5265	03	358	327	02
20	962	5100	08	528	052	5134	09	096	5162	09	141	5175	09	240	5225	06	352	291	03
21	978	5110	15	516	065	5125	09	108	5162	06	154	5196	05	252	5263	04	362	325	03
21	970	5152	05	522	059	5100	07	102	5141	06	148	5180	05	246	5245	05	357	297	04
23	972	5183	06	520	060	5106	07	103	5125	05	149	5163	04	249	5233	02	360	310	02
23	972	5222	02	519	060	5159	06	103	5151	04	149	5153		248	5219		360	307	
24	970	5246	02	521	056	5205	05	099	5209	04	143	5219	04	241	5242		352	333	
26	982	5172	06	513	067	5200	07	109	5227	06	153	5258	05	249	5279	04	358	361	01
27	977	5141	05	517	063	5181	03	106	5209	03	150	5235	04	247	5300	02	355	365	01
27	980	5252	03	513	063	5244	05	105	5218	06	150	5241	05	246	5277	02	356	335	
29	972	5128	12	520	061	5087	18	105	5125	13	151	5160	10	250	5234	06	361	330	02
29	981	5106	13	514	067	5135	11	110	5160	10	156	5184	09	255	5241	06	366	329	03
30	986	5147	08	509	071	5152	07	114	5193	06	159	5225	06	257	5243	03	367	327	02
31	986	5137	06	510	070	5168	07	113	5206	05	157	5246	05	254	5264	04	364	346	01

DAY	500 MILLIBARS GEOPOTENTIAL gpDm	500 MILLIBARS TEMPERATURE °C ×10⁻¹	500 MILLIBARS MIXING RATIO dg/kg	400 MILLIBARS GEOPOTENTIAL gpDm	400 MILLIBARS TEMPERATURE °C ×10⁻¹	400 MILLIBARS MIXING RATIO dg/kg	300 MILLIBARS GEOPOTENTIAL gpDm	300 MILLIBARS TEMPERATURE °C ×10⁻¹	200 MILLIBARS GEOPOTENTIAL gpDm	200 MILLIBARS TEMPERATURE °C ×10⁻¹	150 MILLIBARS GEOPOTENTIAL gpDm	150 MILLIBARS TEMPERATURE °C ×10⁻¹	100 MILLIBARS GEOPOTENTIAL gpDm	100 MILLIBARS TEMPERATURE °C ×10⁻¹	80 MILLIBARS GEOPOTENTIAL gpDm	80 MILLIBARS TEMPERATURE °C ×10⁻¹	60 MILLIBARS GEOPOTENTIAL gpDm	60 MILLIBARS TEMPERATURE °C ×10⁻¹
01	500	332		683	440		841	584	086	685	260	673	504	696	636	707	807	729
02	508	320		662	427		850	575	098	672	273	658	518	681	651	705	822	717
03	503	344		655	454		841	588	089	670	262	677	506	678	640	692	811	697
04																		
05	501	383		680	500		833	606	080	665	255	651						
06	503	372		654	475		839	595	083	718	254	718						
08	490	383	01	640	513		823	586	073	657	246	682						
08	505	409		655	464		839	624	084	673	257	684						
09	492	358		646	477		830	596	086	589	265	621	514	651				
10	512	337	02	664	458		851	578	102	640	279	641	525	682	659	691		
11	511	320	04	665	440		851	583	100	648	276	639	522	688				
12	503	311	03	663	422	01	845	594	093	623	270	638	518	653	654	674		
13	496	358		647	455		833	605	079	655	260	663	499	681	633	680	807	685
14	491	390		640	498		823	614	067	700	250	722						
15	484	413		632	518		814	630	060	685								
16	471	436		619	511		801	613	048	675	229	704						
18	477	429		625	510		807	638	050	702	220	725	456	770				
19	484	409		632	520		814	614	060	709	230	747						
20	480	398	01	629	505		811	611	058	690	229	712	466	761	594	784	757	800
21	488	403	01	637	502		819	645	061	705	232	710	468	756	596	772	760	784
21	485	392	02	693	515		814	653	056	706	226	730	462	753				
23	487	399	01	636	514		817	638	062	661	236	682	478	707	610	726	779	744
23	487	406		635	527		816	630	060	680								
24	477	419		625	521		806	650	051	677	223	707	461	745	591	757	757	769
26	483	428		630	533		812	609	061	673	233	706	471	755	600	755	766	769
27	480	444		626	536		807	649	049	711	219	724	456	741	587	741	753	755
27	482	430		628	541		807	672	048	720	217	725	454	751	583	762	749	760
29	487	440		632	565		810	660	050	723	219	751	452	773	581	768		
29	491	421		638	556		815	710	053	750	220	765	452	794				
30	493	429		639	554		817	703	054	730	222	745	456	777				
31	488	456		634	562		813	640	060	670	232	694	472	737	601	751	766	780

Results of Radiosonde Observations,
WILKES August, 1965

0000 HRS GMT

AY	SURFACE PRESSURE	SURFACE TEMPERATURE	SURFACE MIXING RATIO	1000 MB. GEOPOTENTIAL	900 MILLIBARS GEOPOTENTIAL	900 MILLIBARS TEMPERATURE	900 MILLIBARS MIXING RATIO	850 MILLIBARS GEOPOTENTIAL	850 MILLIBARS TEMPERATURE	850 MILLIBARS MIXING RATIO	800 MILLIBARS GEOPOTENTIAL	800 MILLIBARS TEMPERATURE	800 MILLIBARS MIXING RATIO	700 MILLIBARS GEOPOTENTIAL	700 MILLIBARS TEMPERATURE	700 MILLIBARS MIXING RATIO	600 MILLIBARS GEOPOTENTIAL	600 MILLIBARS TEMPERATURE	600 MILLIBARS 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	986	5199	05	509	070	5201	07	112	5215	06	156	5240	08	253	5262	05	363	334	01
02	981	5155	09	513	066	5204	06	108	5229	06	152	5271	04	247	5297	03	356	358	02
03	975	5149	07	518	062	5187	04	104	5227	04	148	5265	04	243	5294	03	352	358	01
05	982	5208	04	512	065	5247	04	107	5271	03	151	5266	03	247	5267	02	358	306	
07	992	5120	07	505	076	5160	09	119	5181	09	164	5166	11	263	5236	07	374	323	05
08	974	5036	14	520	064	5049	12	108	5098	10	155	5146	18	255	5274	08	366	299	04
09	984	5140	08	511	069	5148	11	112	5158	11	158	5173	10	254	5245	05	364	306	02
10	978	5147	08	517	064	5206	05	106	5231	05	150	5271	03	244	5350	02	352	359	01
10	983	5235	02	511	066	5226	02	108	5243	02	152	5257	02	248	5264	01	358	311	
11	977	5241	04	516	061	5229	03	103	5209	03	148	5194		247	5250		358	299	
12	975	5250	03	519	068	5264	03	099	5273	02	142	5280	01	239	5284		348	348	
14	987	5264	03	508	067	5302	02	111	5300	02	151	5292	01	248	5280		357	333	
14	984	5128	10	511	069	5171	08	110	5190	08	156	5216	07	252	5222	08	357	296	05
14	993	5166	04	504	076	5139	06	119	5146	08	165	5167	09	264	5228	05	376	268	04
15	975	5113	10	518	063	5135	12	106	5170	09	151	5183	09	251	5200	09	364	250	06
16	986	5136	09	510	070	5187	08	113	5211	07	157	5216	07	255	5248	05	366	285	
17	995	5147	10	502	077	5161	09	120	5175	09	166	5197	07	263	5253	05	375	305	03
19	986	5085	18	510	073	5063	20	117	5082	18	164	5115	14	265	5187	08	378	267	04
20																			
21	985	5088	17	513	071	5135	12	114	5163	11	160	5156	12	260	5185	10	374	260	05
22	978	5001	17	517	067	5052	14	112	5090	13	159	5125	14	259	5182	11	373	245	07
23	993	5057	22	506	079	5065	09	123	5101	08	170	5149	06	269	5242	08	380	332	03
24	970	5064	12	524	058	5107	10	101	5110	11	148	5127	13	248	5190	10	362	240	05
25	963	5071	11	530	054	5110	10	097	5136	09	143	5150	08	243	5200	08	356	258	07
26	969	5058	09	523	058	5104	08	102	5141	07	148	5166	07	248	5222	07	359	295	04
26	982	5063	13	513	069	5132	10	112	5160	07	157	5190	06	256	5220	06	368	300	03
27	991	5098	12	505	076	5138	12	119	5164	10	165	5182	09	264	5228	05	376	326	02
29	975	5125	10	518	062	5164	09	105	5181	08	150	5215	07	248	5254	05	358	343	02
29	986	5142	07	510	070	5197	07	112	5232	05	156	5250	05	254	5251	05	365	350	02
30	983	5181	05	512	067	5183	06	110	5193	06	165	5190	08	253	5257	05	363	330	03
31	984	5174	05	512	067	5225	02	109	5240	02	159	5208	06	251	5277	04	359	368	02

AY	500 MILLIBARS GEOPOTENTIAL	500 MILLIBARS TEMPERATURE	500 MILLIBARS MIXING RATIO	400 MILLIBARS GEOPOTENTIAL	400 MILLIBARS TEMPERATURE	400 MILLIBARS MIXING RATIO	300 MILLIBARS GEOPOTENTIAL	300 MILLIBARS TEMPERATURE	200 MILLIBARS GEOPOTENTIAL	200 MILLIBARS TEMPERATURE	150 MILLIBARS GEOPOTENTIAL	150 MILLIBARS TEMPERATURE	100 MILLIBARS GEOPOTENTIAL	100 MILLIBARS TEMPERATURE	80 MILLIBARS GEOPOTENTIAL	80 MILLIBARS TEMPERATURE	60 MILLIBARS GEOPOTENTIAL	60 MILLIBARS 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	489	443		634	553		816	619	064	668	296	702	478	741	695	754	771	781
02	481	416		630	501		813	612	062	670	234	701						
03	477	425	01	625	506		808	605	054	702	224	729	461	741				
05	485	372		636	487		819	620	061	717	231	717						
05	500	426	01	646	536		828	620	068	761	234	775	464	803	617	829		
07	494	391	02	643	499		825	668										
08	493	359	01	644	457		830	600	072	750	238	785	472	778	600	774	763	808
09	476	432		624	507		809	567	062	632	257	671						
09	485	421		633	508		816	609	065	661	299	672	480	725				
10	486	379		637	465		823	593	067	720	237	727	472	768				
11	474	404		623	499		808	644	072	666	225	695	464	750	593	756	759	760
12	483	417		631	493		815	615	064	682	233	728	468	770				
14	495	388	01	646	445		834	562	065	676	254	753						
14	506	320	02	640	427	01	845	592	072	738	260	725	499	734	630	750	[illegible]	760
15	494	350	02	645	481		851	565	064	658	260	675						
16	496	318		683	412		841	567	065	749	283	720	491	738	620	749	707	783
17	502	400	01	683	464		838	601	061	736	248	751	474	769	618	778	775	794
19	507	366	02	688	462		843	602	066	784	248	795	477	825	601	846	762	823
20																		
21	504	362	02	655	481		840	584	068	702	258	730						
22	503	354	03	685	446		842	594	067	718	256	726	491	762	620	772	785	774
23	506	403	01	686	486		839	628	061	716	249	740	485	767	614	767	778	794
24	493	323	02	646	457		832	620	073	720	248	707	481	742	611	753	778	783
25	486	345	03	639	457		823	525	065	726	296	714						
26	487	370	02	638	476		822	616	067	683	278	715	473	795	596	805	761	806
26	495	386	01	645	492		828	632	072	664	243	723	478	779	606	781	770	776
27	500	418		649	523		831	618	077	702	246	752	482	750	612	750	778	760
29	483	432		631	504		814	606	061	685	292	732						
29	489	433		636	519		819	615	066	703	296	715	476	720	607	722		
30	489	402		638	501		821	621	064	727	234	716	474	715	605	750	773	783
31	484	430		632	517		815	636	056	725	224	744	460	752	589	774	754	776

Results of Radiosonde Observations,
WILKES September, 1965

0000 HRS GMT

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			[illegible] 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	983	5192	05	512	067	5201	03	109	5220	05	153	5230	04	245	5263	04	359	351	0
02	987	5226	05	509	069	5247	04	110	5224	07	155	5213	06	252	5291	03	361	370	0
03	995	5206	03	502	075	5245	04	116	5281	02	160	5247	05	256	5295	03	365	348	0
04	985	5204	04	510	069	5169	05	111	5192	04	156	5226	05	253	5271		363	351	
05	978	5187	07	516	063	5160	08	107	5156	06	152	5189	06	250	5270	03	359	347	0
06	987	5180	06	509	070	5173	07	113	5204	06	158	5228	05	256	5235	02	367	328	0
07	978	5200	03	515	064	5155	05	107	5168	05	152	5178	03	252	5243	02	362	305	
08	948	5175	07	539	040	5095	07	084	5115	15	131	5160	12	231	5205	09	344	260	0
09	969	5151	09	523	057	5196	06	099	5198	07	145	5171	05	254	5253	06	355	286	0
10	983	5196	05	511	067	5198	06	110	5220	05	155	5212	05	253	5228	02	365	304	0
12	962	5085	19	529	053	5084	18	097	5123	12	145	5186	09	242	5234	05	356	281	0
13	964	5128	10	527	053	5149	11	097	5161	11	142	5184	07	241	5218		352	300	
14	977	5218	05	516	061	5196	07	104	5199	07	149	5224	06	247	5233	02	358	308	
15	985	5261	03	510	067	5231	04	110	5200	03	155	5190		253	5244		364	340	
16	993	5195	02	505	075	5141		119	5156		161	5170		260	5227	04	372	303	0
17	983	5191	03	512	068	5147		111	5147		157	5172		256	5200		369	264	
18	982	5250	02	512	064	5276	03	105	5310	02	148	5337	01	244	5272		355	294	
19	988	5187	03	508	070	5235	04	112	5245	02	156	5232		254	5249		365	313	
19	992	5224	02	505	072	5253	03	114	5274	02	157	5284	01	254	5271		364	320	0
20	980	5105	09	514	066	5155	06	110	5173	06	155	5144	07	255	5238	05	365	310	0
22																			
23	983	5126	06	513	068	5132	04	112	5168	03	157	5184	05	256	5236	05	367	280	0
24	979	5127	06	515	065	5164	05	108	5185	06	153	5210	05	251	5249	05	362	315	0
25	982	5125	10	513	067	5167	03	110	5186	03	155	5219	03	252	5261	03	362	336	0
26																			
26	977	5148	07	511	068	5208	06	110	5231	05	154	5246	05	251	5285	02	359	360	0
27	976	5209	05	517	061	5223	05	103	5244	05	147	5264	02	243	5284		352	346	
28	993	5204	04	504	075	5160	03	118	5177	03	163	5210	03	260	5275	01	369	363	0
29	993	5183	04	505	075	5148	07	117	5161	06	164	5190	03	262	5229		375	258	0
30	984	5086	04	511	070	5115	09	114	5160	09	159	5188	08	258	5255	06	369	292	0

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBAR	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPER-
	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.
01	486	440		651	532		811	635	055	703	224	734	460	778	587	778	751	79
02	485	439		632	531		813	637	056	707	226	734	462	750	592	756	759	75
03	490	420		638	528		818	654	060	717	230	725	466	766	594	751	761	74
04	489	431		636	530		817	639	060	719	229	738	464	773	591	781	756	78
05	485	408		633	506		817	613	063	707	231	734	465	784	591	795	755	78
06	493	419		641	494		825	616	068	722	233	738	470	747	599	782	766	74
07	490	376		640	493		823	640	068	695	238	727	477	737	607	740	776	72
08	473	359	03	625	465		810	605	056	684								
09	483	371	02	634	486		817	630	062	718	232	701	472	712	605	696	777	67
10	492	413		639	536		820	640	066	669	240	678	484	669	619	661	794	61
12	483	357	02	636	443		822	580	070	651	247	653	494	641	631	668	810	60
13	480	386		630	494		813	615	089	679	231	688	475	665	611	644	789	61
14	485	405		633	523		814	636	058	695	230	702	471	688	604	690	776	65
15	489	441		635	537		815	635	060	711	230	719	469	718	601	713	772	65
16	499	392	01	648	504		831	615	077	697	250	691	491	721	622	732	792	70
16	498	370		649	464		835	603	079	705	249	705	492	689	626	691	706	67
17	483	367		635	465		819	615	062	725	231	722	468	725	599	731	768	73
18	492	398	01	641	504		823	634	067	722	238	730	473	722	604	722	774	72
19	491	398	01	640	508		822	634	067	690	238	697	470	721	609	721	780	61
20	493	389	01	642	520		823	640	066	707	236	732	474	704	607	692	781	60
22																		
22	496	382		645	508		827	657	067	750	235	741	472	724	603	727	772	7
24	489	398		638	497		821	635	063	730	231	730	469	721	601	707	773	60
25	489	385		639	492		821	640	064	712	233	717	472	711	604	708	776	65
26																		
26	484	440		631	501		814	610	061	694	231	732	466	718	600	729	770	7
27	477	439		634	531		805	640	060	697	220	720	458	717	569	759	757	7
28	493	453		640	517		822	601	071	665	244	687	487	698	620	701	792	6
29	504	336	03	658	445		844	611	090	666	263	680	507	680	640	691	814	6
30	497	380	01	645	500		830	610	078	667	251	689	494	672	629	670		

Results of Radiosonde Observations,
WILKES October, 1965

0000 HRS GMT

SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
PRESSURE	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	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
989	5081	11	507	075	5115	15	118	5147	15	164	5173	12	263	5247	06	374	312	03
000	5096	13	001	082	5116	12	126	5152	10	171	5191	09	270	5237	06	381	316	02
998	5143	06	500	081	5120	08	124	5145	07	170	5175	05	270	5186	09	384	220	08
966	5060	14	526	057	5093	17	101	5105	14	147	5143	11	247	5223	08	358	300	
967	5076	18	525	057	5123	17	100	5138	15	146	5172	11	245	5236	07	356	332	01
963	5120	10	528	053	5151	07	096	5182	07	141	5205	06	239	5259	02	350	311	02
956	5141	04	533	047	5136	06	090	5152	06	136	5180	05	235	5235	04	346	310	02
969	5198	04	522	056	5202	04	099	5210	03	143	5200	01	241	5237		353	313	02
967	5100	06	524	056	5136	10	100	5164	07	145	5196	07	243	5236	08	354	320	03
969	5153	05	523	057	5178	06	100	5166	06	145	5197	06	243	5250	01	366	336	01
973	5185	04	519	060	5120	06	104	5125		150	5155		249	5231	02	360	322	
973	5173	03	521	060	5181	04	103	5173	03	148	5156		248	5204		361	256	
969	5106	11	523	058	5110	11	102	5150	10	147	5186	09	245	5278	08	358	272	05
968	5089	11	524	057	5117	11	101	5150	09	147	5176	08	246	5214	07	358	286	04
970	5101	13	522	059	5141	09	102	5170	07	147	5197	05	245	5258	03	356	308	02
968	5098	06	524	057	5128	04	101	5164	03	146	5203	03	243	5275	02	353	317	
978	5140	05	517	064	5149	08	107	5174	07	152	5202	06	250	5266	04	360	333	01
990	5145	05	506	073	5182	05	116	5208	05	161	5190		259	5256		369	334	
988	5154	03	508	071	5160	03	114	5186		159	5171		258	5240		369	315	
986	5090	10	509	073	5096	09	116	5144	06	162	5189	05	260	5253	04	372	292	02
983	5069	09	512	070	5121	11	113	5146	06	159	5178	05	259	5206	07	372	291	03
986	5108	08	510	072	5123	09	115	5130	06	161	5148	06	261	5206	07	374	300	03
92	5096	07	505	076	5136	09	119	5142	09	165	5175	06	264	5245	03	374	314	02
75	5072	18	518	064	5091	09	108	5121	07	154	5146	06	254	5219	06	366	265	03
76	5082	12	518	063	5119	12	107	5145	12	153	5176	09	251	5239	06	362	311	03
84	5085	13	512	070	5128	12	113	5153	11	159	5184	08	258	5226	07	369	320	03

500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	MIXING RATIO	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE	GEOPOT-ENTIAL	TEMPER-ATURE
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
00	413	01	648	521		330	608	078	684	249	700	491	704	624	691	796	687
08	391		657	482		843	600	090	654	265	699						
15	315	03	669	433	01	856	596	101	711	270	740	506	740	636	724	807	688
36	380	01	637	436	01	825	578	082	568	263	629	509	672	645	663	826	653
92	415	01	630	316		812	598	064	620	240	645	488	632	626	638	802	639
77	390	01	626	503		811	592	060	640	235	650	481	644	617	657	794	640
73	393	01	623	485		808	600	055	677	228	677	473	651	609	651	785	634
10	383	01	630	491		813	613	060	668	234	681	477	668	612	659	787	640
30	426		626	558		807	608	055	665	228	675	474	657	610	642	788	620
9	403		628	504		811	605	058	674	231	674	477	659	613	636	791	612
7	400		637	479		822	568	076	633	251	685	496	677	630	683	807	619
2	309		647	409		838	536	088	661	260	703	506	664	642	647	818	637
8	328	03	643	420		835	535	085	616	263	623	512	629	649	618		
6	381	01	636	470		823	594	073	624	258	621	504	562	647	534	834	488
3	396		634	451		822	573	073	610	252	613	507	552	651	527	838	491
0	400		629	474		815	590	067	607	247	585	505	539	649	521	838	466
5	431		633	515		815	609	065	640	244	588	500	550	644	518	834	450
5	422		643	517		825	617	071	674	245	655	494	608	634	564	819	510
6	389		646	485		830	614	075	687	245	675	491	649	629	603	806	565
0	403		649	474		834	609	080	695	252	681	497	636	634	619	814	581
9	391	01	648	521		829	642	075	677	249	667	496	629	634	619	813	592
9	405		648	532		828	645	075	669	248	658	498	624	636	607	815	584
	383		652	469		839	559	096	560	280	514	550	415				
5	341		648	443		837	514	099	538	286	491						
9	403	01	638	496		823	577	079	554	265	497	533	429	684	404		
9	395	01	645	502		828	613	080	614	260	585	520	507	667	457	860	413

Results of Radiosonde Observations,
WILKES November, 1965

0000 HRS GMT

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg
01	987	5126	07	509	072	5126		116	5138		162	5155		261	5230		373	293	
02	984	5119	06	511	069	5136	05	112	5143		158	5140		259	5150		374	197	09
03	974	5120	06	519	061	5176	07	104	5195	07	149	5195	04	247	5237		360	250	
04	977	5145	05	517	063	5197	05	105	5228	04	149	5260	05	247	5255		357	303	
05	977	5154	07	517	063	5203		105	5226		149	5264	01	246	5265		356	323	
07	985	5105	04	510	070	5181	05	112	5221	05	156	5251	04	253	5274	02	363	320	
08	979	5152	06	515	064	5197	04	106	5237	04	150	5250	03	247	5270		357	327	
09	971	5111	12	521	060	5130	11	103	5151	09	149	5169	08	248	5241	05	359	310	03
09	982	5119	06	513	068	5106	08	112	5140	06	158	5158	04	257	5240	03	368	313	02
11	973	5074	12	520	062	5124	10	105	5163	08	151	5194	07	250	5213	04	362	295	01
12	982	5129	08	512	068	5151	08	111	5152	06	157	5186	04	255	5250	02	366	308	
13	983	5083	06	512	069	5152	09	112	5163	07	157	5187	04	255	5249	02	365	325	01
13	972	5104	05	523	061	5102	05	104	5137	05	150	5170	04	249	5224	05	362	270	04
14	974	5063	12	520	063	5103	14	107	5130	10	152	5153	06	252	5202	08	365	285	03
15	962	5042	16	529	054	5061	13	098	5102	13	145	5133	13	247	5209	08	357	295	04
16	976	5052	13	518	064	5097	20	108	5125	15	154	5150	13	254	5212	06	366	276	03
17	981	5046	16	514	069	5070	16	114	5100	17	160	5124	16	261	5184	11	375	218	08
19	964	5036	20	529	056	5065	20	100	5098	23	147	5113	19	249	5169	12	363	239	07
19	969	5029	16	524	060	5071	15	104	5106	13	150	5145	12	250	5197	07	363	284	03
20	972	5055	18	521	061	5096	18	105	5124	13	151	5143	09	252	5203	05	364	274	03
22	985	5045	16	511	072	5078	15	116	5114	13	162	5161	11	262	5215	05	374	269	03
22	981	5126	02	514	067	5127	03	111	5132		157	5121		259	5154		374	204	09
23	978	5109	08	516	065	5140	10	108	5169	05	154	5189	03	253	5200		367	244	06
25	991	5073	11	506	076	5103	06	120	5126	05	166	5150		266	5196		380	245	
25	995	5047	12	503	080	5095	10	124	5117	07	170	5149	04	270	5156	15	386	196	11
27																			
27	979	5094	13	5	066	5115	09	110	5145	07	156	5172	05	255	5223	04	366	277	03
29	982	5072	03	513	069	5105	04	113	5125	09	159	5154	08	259	5190		372	260	04
30	990	5061	13	507	075	5105	19	119	5139	12	165	5172	10	264	5215	04	377	279	01
30	995	5085	10	503	079	5120	06	122	5124	04	169	5132	04	269	5183	02	384	219	

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
01	502	353		655	426		845	531	099	628	276	606	552	549	676	514	866	415
02	507	273	06	664	379	02	858	505	113	621	291	636	541	593	682	557	867	486
03	490	336	02	643	438		851	579	082	632	259	606	514	554	658	523	846	480
04	487	362		638	450		825	583	074	640	250	633	503	575	645	542	831	499
05	484	373		635	465		821	577	071	640	249	608	507	517	653	471	846	419
07	490	381		640	490		825	578	078	600	259	556	523	495	669	468	864	394
08	483	415		631	510		815	577	071	572	254	525	521	441	673	381	872	347
09	485	414	01	632	545		814	586	069	585	251	553	514	484	663	439	858	402
09	494	417	01	642	510		827	537	086	569	269	551	532	489	680	439	873	423
11	490	347	02	643	419	01	832	550	087	564	271	530	534	473	685	442	876	422
12	493	391		643	487		829	545	089	530	276	479	548	396	702	368	901	383
13	492	389	01	642	488		829	524	091	511	280	476	550	378	705	378	904	351
13	497	349	02	649	449		836	579	090	548	278	452	557	346	713	358		
14	493	370	01	643	466		829	580	086	569	269	544	537	411	690	337	893	323
15	486	349	02	638	439	01	826	555	082	571	265	545	529	472	679	399	879	335
16	495	362	01	647	468	01	832	578	087	596	268	560	530	484	678	454	872	403
17	508	305	04	662	423	01	850	589	101	620	280	600	539	508	687	455	880	417
19	494	321	02	648	439	01	836	550	090	609	271	547	533	489	681	441		
19	491	387	01	641	485	01	825	583	080	584	262	570	523	483	671	453	866	380
20	493	352	02	645	447		831	605	083	597	264	577	524	500	671	465	865	411
22	504	339	01	657	444		844	575	097	605	277	575	537	516	683	478	874	446
22	508	263	05	665	372	02	867	524	114	556	296	573	552	569	695	501	884	479
23	498	318	03	652	432	01	839	580	094	578	277	547	546	476	694	465	886	434
25	510	309	02	665	424	01	855	542	116	504	303	523	567	495	713	488	903	452
25	519	288	05	676	405	02	866	524	123	571	308	528	572	482	720	458	913	429
27																		
27	495	365	02	646	468	01	832	550	092	530	270	509	546	452	696	409	893	372
29	501	341	02	654	453	01	842	518	104	535	290	503	557	464	705	445	900	414
30	505	357	01	688	410		851	469	122	442	315	449	588	456	734	446	926	457
30	516	283		673	391		865	499	132	468	322	484	591	457	740	465	930	469

Results of Radiosonde Observations, WILKES December, 1965

0000 HRS GMT

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
992	5056	07	506	077	5075	10	122	5088	18	169	5108	07	272	5120	19	388	180	13
988	060	37	509	077	012	41	123	5020	39	171	5044	35	275	5097	23	393	166	14
998	5015	15	000	084	5032	15	129	5054	09	177	5061	10	281	5080	11	399	159	07
004	5002	13	004	088	5051	07	133	5062		181	5046		285	5080	05	403	161	04
999	5022	19	501	084	016	11	130	5004		178	5033		283	5085	07	401	145	
989	031	12	509	077	5030	13	123	5072	11	171	5026		275	5123		392	140	05
987	5021	10	509	074	5060	09	119	5093	07	165	5130	06	266	5144		382	207	
994	5031	13	503	079	5102	12	123	5135	10	169	5178	09	268	5191	02	382	243	
999	5029	20	000	083	5089	09	127	5125	09	173	5155	14	272	5235	07	384	264	02
997	5050	09	501	081	5097	07	125	5135	07	171	5175	07	271	5204		384	255	
003	5023	11	003	086	5092	13	130	5127	11	176	5162	09	275	5209	02	388	255	
002	5013	09	003	087	5040		132	5081		178	5120	04	279	5164		395	193	07
978	019	17	517	068	5025	18	113	5060	17	160	5052	16	264	5137	14	379	210	11
978	022	20	517	068	5020	23	113	5056	18	161	5072	18	264	5140	14	379	221	10
990	004	13	507	077	5032	11	122	5074	11	169	5110	08	271	5152	11	386	199	06
989	5010	13	508	076	5060	15	120	5096	14	167	5110	07	269	5145		384	215	06
992	5027	20	505	078	5072	13	122	5097	11	169	5116	10	270	5161	05	388	234	04
997	5019	13	501	082	5075	10	126	5108	10	173	5152	08	273	5176		387	240	
994	5019	18	503	080	5077	16	124	5119	15	170	5130	11	270	5185	05	384	224	07
000	5015	19	001	084	5073	14	129	5086	09	175	5130	06	275	5215	04	389	253	
995	5030	20	503	080	5075	09	125	5082	06	171	5121	04	273	5164		388	195	
987	5015	15	510	074	5049	17	119	5086	17	165	5121	14	266	5189	10	381	235	06

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
523	255	07	681	371	02	874	521	133	521	321	498	590	450	740	425	933	441
527	260	04	685	394	01	875	540	139	462	330	467	599	457	748	441	941	443
533	266	05	691	387	02	882	539	144	464	335	472	604	435	754	447	948	455
538	258		696	372		887	542	145	498	336	447	607	450	756	444	950	420
536	240		695	377		887	525	144	556	330	471	603	444	754	435	948	416
527	240	03	686	357		880	516	138	542	325	455	599	380	751	423	946	406
515	283		671	400	02	862	540	124	463	315	455	587	427	739	402	936	400
515	317		667	420		856	564	118	493	309	437	583	396	736	398	933	388
515	319	02	669	434	01	857	542	121	485	312	482	585	407	737	405	935	405
514	328		668	412		859	508	124	497	314	453	589	412				
519	315		674	410		864	535	126	487	316	459	589	426	740	404	936	400
529	253	06	687	377	02	879	524	138	500	328	469	598	441				
512	267	02	670	366	01	863	515	121	481	313	414	590	379	743	385	940	385
510	320	03	665	414	01	854	541	118	501	309	447	583	416	735	437	930	416
519	305	03	674	424	01	865	558	123	497	313	432	588	415	740	401	936	401
516	310	03	671	405	01	861	549	123	479	314	435	590	405	742	384	939	394
516	313	03	671	409	01	861	553	125	457								
519	303		676	359	01	871	461										
517	279	04	674	380	02	866	524	135	453	329	424	602	427	755	412	949	401
520	290		677	365		871	507	139	434	333	432	606	430	757	417	953	407
523	259	04	681	365	02	873	530	135	480	327	444	599	425	750	409	946	408
513	302	03	668	410		860	482	129	444	323	428	597	419	748	405	945	403

Results of Radiosonde Observations,
TROPOPAUSE

MACQUARIE ISLAND, 1965
1100 HRS GMT.

January

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	948	261	586	1
02	960	267	586	1
03	783	340	433	3
04	875	291	565	1
05	795	320	534	1
06	817	325	498	1
07	1149	207	624	1
08	1085	233	601	1
09	1249	184	661	3
10	1240	187	650	3
11	1173	204	625	1
12	1027	252	556	1
13	871	309	498	1
14	1015	262	490	3
15	1063	236	547	3
16				
17	1140	205	603	1
18				
19	899	300	457	2
20	649	422	387	2
21	914	264	499	3
22	797	335	476	1
23	892	300	502	1
24	1079	230	563	3
25	1124	220	625	1
26	1103	225	606	1
27	1073	234	633	1
28	975	267	544	2
29	1134	214	560	1
30	1149	210	630	1
31	1069	225	528	3

February

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	800	335	473	1
02	1049	242	546	2
03	1082	230	572	1
04	891	335	443	1
05	1015	250	490	3
06	1152	206	574	1
07	1085	228	556	3
08	1149	209	607	3
09	1042	238	540	3
10	871	300	441	1
11	652	410	434	1
12	972	266	497	1
13	1009	253	515	1
14	799	337	389	1
15	774	355	358	2
16	988	262	549	1
17	948	275	540	1
18	1024	251	575	1
19	875	309	518	1
20	808	335	506	1
21	1091	227	595	1
22	793	340	498	1
23	876	300	509	1
24	884	373	521	1
25				
26	880	300	527	2
27	884	300	548	1
28	725	375	471	2

March

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	969	267	496	1
02	1088	228	513	2
03	953	280	459	1
04	911	288	510	1
05	826	325	492	1
06	1084	225	590	1
07	859	312	587	2
08	896	295	557	1
09	1003	248	591	1
10	1082	225	571	1
11				
12	1128	216	595	1
13	899	307	412	1
14	1030	248	524	1
15	677	400	430	2
16	1015	252	560	1
17	1433	136	637	1
18	900	300	450	2
19	835	318	574	1
20	878	300	568	1
21	1131	215	626	1
22	1002	254	535	2
23	1082	252	585	1
24	956	275	595	1
25	780	349	468	2
26	844	330	485	2
27	1064	239	595	1
28	924	254	541	1
29	878	300	525	1
30	877	300	519	2
31	762	347	469	2

April

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	767	345	520	2
02	930	275	553	1
03	1161	200	628	1
04	948	264	456	1
05	982	260	568	1
06	747	365	490	1
07	1134	210	656	1
08	1216	187	672	1
09	1166	200	609	1
10	1149	207	621	1
11	1169	200	659	2
12	1160	200	645	1
13	1121	218	637	1
14	1241	180	695	1
15	1176	200	640	1
16	1091	225	585	1
17	1064	231	537	2
18	686	400	443	2
19	1151	215	598	1
20	1183	200	608	1
21	1250	175	611	1
22	1024	240	569	1
23	820	324	505	2
24	921	276	582	1
25	518	477	410	2
26	966	258	533	1
27	1006	245	560	1
28	855	300	536	1
29	715	367	504	1
30	854	300	537	1

May

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	1064	222	583	1
02	1210	187	720	1

June

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE

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MACQUARIE ISLAND, 1965
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July

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE

August

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE

September

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE

October

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE

November

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE

December

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
23	950	281	492	2
24	817	325	486	1
25				
26	864	300	532	1
27	817	319	517	1
28	855	300	532	1
29	835	312	497	1
30	1089	248	560	1
31	698	380	418	1

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January

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	991	268	566	1
02	982	267	435	3
03	747	356	509	1
04	847	310	501	3
05	811	327	505	1
06	994	259	515	1
07	1003	265	531	2
08	1263	176	670	1
09	1140	219	604	2
10	1192	200	630	1
11	1088	231	579	2
12	1067	237	515	1
13	960	272	523	3
14	1128	212	589	3
15	982	300	488	1
16	1021	256	533	1
17	1131	220	586	1
18	1228	185	540	
19	893	300	415	2
20	771	358	441	2
21	880	300	520	1
22	869	307	492	1
23	972	271	541	1
24	1128	217	609	1
25	1113	225	610	1
26	1143	212	632	3
27	1009	255	554	1
28	1128	216	600	3
29	1185	200	659	1
30	1119	219	570	1
31	847	321	474	1

February

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01				
02	1143	212	603	1
03	838	316	493	1
04	811	333	452	1
05	1122.	218	557	1
06	972	269	521	1
07	1106	220	590	1
08	1015	250	559	1
09	894	300	461	1
10	671	400	427	1
11	732	372	428	1
12	1082	230	551	1
13	1091	225	428	3
14	826	330	422	1
15	897	300	461	2
16	933	280	535	1
17	994	260	578	1
18	960	268	509	1
19	887	300	535	1
20	1094	223	592	1
22	747	362	380	2
22	885	300	508	2
23	826	320	486	3
24	871	300	496	3
25	799	336	509	2
26	799	338	482	2
27	988	254	508	3
28	811	344	475	1

March

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	1250	180	638	1
02	1030	245	484	1
03	756	354	424	1
04	975	274	540	1
05	1055	238	554	3
06	804	328	463	1
07	866	304	489	1
08	1097	220	588	1
09	954	269	507	1
10	1172	200	591	1
11	1149	211	595	1
12	1085	230	540	1
13	939	283	468	1
14	933	277	443	1
15	826	325	479	1
16	1067	240	566	1
17	894	300	410	1
18	975	264	516	1
19	893	292	562	1
20	808	332	464	1
21	1082	224	612	2
22	1064	232	583	1
23	879	306	530	1
24	924	270	541	1
25	930	276	563	1
26	1058	238	530	1
27	1079	227	581	1
28	741	356	449	1
29	1045	236	615	1
30	796	335	506	1
31	701	375	505	2

April

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	869	300	545	1
02	1024	244	579	1
03	1128	212	641	1
04	1015	250	569	2
05	881	300	510	2
06	1067	232	604	1
07	1207	193	664	2
08	1171	200	610	1
09	1088	225	591	1
10	1219	187	663	1
11	1134	211	652	1
12	1125	210	657	1
13	1152	218	635	2
14	1198	195	659	1
15	1082	228	600	2
16	942	278	522	1
17	768	350	462	1
18	1061	233	534	2
19	1159	213	602	1
20	1158	285	585	1
21	1030	234	585	1
22	1045	234	585	2
23	986	259	597	2
24	854	300	520	2
25	701	373	454	1
26	960	260	547	2
27	802	323	461	2
28	780	334	467	2
29	823	310	526	1
30	867	300	541	2

May

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	1088	220	626	1
02	1216	187	724	2
03	1100	216	619	3
04	935	275	559	1
05	870	300	508	1
06	1091	222	650	1
07	1169	200	662	1
08	1143	205	645	1
09	1128	208	683	1
10	1213	186	707	1
11	1167	200	674	1
12	1027	242	591	1
13	988	270	585	1
14	1113	213	621	1
15	1067	234	635	2
16	860	300	570	1
17	930	270	556	1
18	735	356	506	2
19	860	295	620	1
20	753	340	547	1
21	835	300	514	1
22				
23	619	420	492	1
24	930	266	542	1
25	1024	238	605	1
26	1128	207	680	1
27	954	273	597	1
28	1094	218	649	1
29	954	265	600	1
30	1097	216	682	1
31	987	257	610	1

June

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	1003	245	496	1
02	1055	231	647	1
03	1015	244	520	1
04	936	267	503	1
05	829	314	558	1
06	1030	240	575	1
07	911	340	510	1
08	853	300	600	1
09	1021	235	660	1
10	607	430	438	2
11	914	269	525	1
12	1061	225	662	1
13	1235	178	689	1
14	1036	242	601	1
15	1069	228	653	1
16	884	287	553	1
17	857	300	520	2
18	841	314	565	1
19	848	300	527	1
20	850	300	570	2
21	902	273	560	1
22	861	300	582	1
23	960	260	616	1
24	1116	209	668	1
25	1052	230	697	1
26	1082	223	692	1
27	1160	200	722	1
28	1274	168	768	1
29	1122	208	662	1
30	1000	251	646	1

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July

DAY	GEO. POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	1091	216	690	1
02	1009	243	660	1
03	914	280	590	1
04	873	300	603	1
05	871	300	505	2
06	1059	255	652	1
07	997	261	617	1
08	1075	224	658	1
09	1163	200	728	1
10	1250	180	722	1
11	1067	224	605	1
12	1052	230	688	1
13	1079	217	642	1
14	790	330	529	1
15	783	332	566	1
16	777	331	542	1
17	1100	210	735	1
18	1033	230	603	1
19	1064	224	675	1
20	1082	220	645	1
21	1024	240	620	1
22	945	272	612	1
23	1088	220	633	1
24	1012	241	621	1
25	826	313	549	2
26	972	250	626	1
27	832	310	510	2
28	811	315	481	1
29	902	280	521	1
30	1052	230	650	1
31	1082	221	697	2

August

DAY	GEO. POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	1142	200	724	1
02	1147	200	708	1
03	1088	218	668	1
04	974	262	602	2
05	876	300	516	2
06	969	261	623	1
07	1224	174	756	1
08	1178	188	717	1
09	1085	223	680	1
10	1081	210	661	1
11	1138	200	694	1
12	1138	211	675	1
13	1012	248	655	1
14	956	266	579	1
15	1067	225	656	1
16	1067	225	654	1
17	1056	230	637	1
18	1029	239	613	1
19	1036	234	598	1
20	1055	227	593	1
21	1015	243	690	1
22	1164	192	770	1
23	1138	200	675	3
24	1061	225	686	1
25	975	255	500	1
26	1067	228	615	1
27	1003	250	640	1
28	843	308	609	1
29	1009	252	668	1
30	1052	225	642	2
31	1106	213	689	2

September

DAY	GEO. POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01				
02	1027	235	634	1
03	1052	230	671	1
04	1000	253	655	1
05	985	254	595	1
06	1076	218	690	1
07	1094	217	722	1
08	1216	183	653	1
09	1103	219	649	1
10	972	258	572	1
11	1100	210	661	1
12	1061	225	614	1
13	1064	229	628	1
14	1088	220	652	1
15	1097	217	634	1
16	838	311	524	2
17	817	318	501	1
18	969	258	529	3
19	1039	239	627	1
20	1000	254	615	1
21	896	290	535	1
22	753	350	529	1
23	881	287	555	2
24	911	283	585	2
25	1018	240	642	1
26	701	376	487	1
27	869	303	561	1
28	826	308	560	2
29	800	320	589	1
30	951	247	614	1

October

DAY	GEO. POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
1				
2	820	306	612	1
3	896	277	613	1
4	954	255	584	1
5	1119	204	738	2
6	1235	178	710	1
7	1158	196	695	1
8	985	258	633	1
9	817	322	463	3
0	823	315	540	1
1	1006	244	610	1
2	1158	200	630	1
3	1039	239	589	3
4	902	288	545	1
5	997	258	571	1
6	1033	238	583	2
7	1201	184	669	1
8	1018	241	599	1
9	978	250	589	2
0	960	253	493	3
1	707	365	442	3
2	927	270	533	1
3	1128	209	671	1
4	1086	253	558	1
5	905	288	512	1
5	877	300	520	3
7	1030	238	610	1
8	872	300	475	3
9	936	267	463	1
0	619	428	454	1
1	927	275	540	1

November

DAY	GEO. POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	994	251	585	1
02	951	268	585	1
03	853	300	583	3
04	1088	220	645	1
05	1061	228	602	1
06	985	259	610	1
07	1073	237	575	1
08	1190	222	608	1
09	1119	218	556	1
10	985	265	452	1
11	719	377	404	1
12	850	314	425	1
13	975	267	528	1
14	753	383	397	3
15	829	315	511	2
16	841	312	510	2
17	719	362	479	1
18	982	256	532	3
19	1113	220	586	1
20	985	263	486	3
21	975	259	489	1
22	1052	254	588	1
23	975	254	520	1
24	1003	249	512	1
25	902	288	486	2
26	659	400	457	2
27	1027	240	524	1
28	1012	251	546	2
29	1006	252	568	3
30	1046	238	605	1

December

DAY	GEO. POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	1094	225	620	1
02	1137	214	610	1
03	1134	217	602	1
04	900	300	488	3
05	940	275	525	1
06	1042	242	580	1
07	1033	232	545	1
08	985	268	488	1
09	879	320	472	1
10	881	300	495	1
11	1033	240	575	1
12	1079	230	578	1
13	989	286	486	1
14	884	296	543	1
15	762	355	428	2
16	864	328	510	1
17	1003	250	546	1
18	1070	231	599	1
19	1146	208	624	1
20	1190	200	645	2
21	1186	200	627	1
22	953	291	456	2
23	765	370	395	2
25	859	287	495	3
25	884	290	590	1
26	890	288	585	1
27	876	292	595	1
28	914	274	555	1
29	829	312	495	1
30	896	292	492	1
31	869	303	482	1

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January

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	939	272	520	1
02	945	270	491	3
04	832	316	500	1
05	856	300	547	3
06	793	326	521	1
07	854	300	547	3
07	852	300	562	1
08	878	288	580	1
09	887	290	572	3
11	771	342	508	2
12	889	286	571	1
13	933	277	551	1
13	878	300	506	1
15	698	383	452	3
16	774	340	470	3
17	853	300	538	1
18	856	300	537	1
19	814	317	531	1
20	838	316	500	1
21	922	273	558	1
22	884	287	550	1
23	826	314	516	1
24	936	270	581	1
25	896	285	554	1
26	994	248	582	1
27	971	257	555	3
27	895	286	565	1
29	908	280	571	1
30	863	300	544	3
31	975	255	555	1
31	937	270	548	2

February

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	984	287	555	1
02	907	288	541	1
03	884	291	545	1
05	866	300	549	1
05	844	308	538	1
06	914	277	550	2
07	890	287	548	1
08	908	275	548	1
09				
10	889	288	549	1
11	857	300	523	1
13	756	343	533	1
14	753	346	535	1
15	847	307	544	1
15	1059	228	607	1
16	982	258	574	1
17	963	260	603	1
18	951	263	605	2
19	945	265	594	1
20	914	274	558	1
21	876	290	562	2
22	905	280	581	1
23	930	267	588	1
25	850	300	535	1
25	890	285	558	1
26	855	300	550	1
28	908	281	522	1
28	951	265	564	2

March

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
02	978	256	589	1
03	1015	240	598	1
04	911	281	543	1
05	814	320	517	2
05	852	300	560	1
07	854	300	555	1
08	811	319	527	1
08	872	290	542	1
09	811	320	538	1
11	811	319	527	1
12	872	293	552	2
13	893	281	543	1
14	844	300	563	3
15	846	300	541	1
15	936	260	579	2
17	911	266	616	1
18	835	300	578	2
19	645	400	490	2
20	793	322	537	2
21	811	308	577	1
21	750	333	534	1
23	780	319	530	1
24	811	307	544	1
25	824	300	549	1
26	741	340	543	2
27	878	282	590	1
28	872	286	634	1
29	872	285	638	1
30	780	325	536	1
31	744	340	521	1
31	704	357	543	1

April

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
02	905	267	632	1
03	796	315	622	1
03	902	267	623	1
05	908	266	601	1
06	902	268	611	1
07	836	300	633	1
08	890	276	617	1
09	768	330	584	2
09	940	260	529	1
11	863	290	564	1
12	834	300	564	1
12	793	321	573	1
13	722	344	550	1
15	887	271	590	1
16	839	300	623	2
17	841	300	633	1
17	747	340	582	1
19	914	261	596	1
20	750	341	562	1
20	951	262	564	2
21	854	308	587	1
23	905	279	590	1
24	866	288	520	1
25	704	363	540	2
25	722	366	514	2
26	846	310	499	1
28	1052	228	561	1
28	985	253	582	2
29	933	267	551	1
30	975	254	590	1

May

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
02				
03	1024	230	662	1
03	1029	226	641	1
05	933	266	613	2
06	975	247	639	1
06	939	260	643	1
07	975	244	649	1
08				
10				
11	836	300	556	3
11	957	252	641	2
12	878	285	624	1
14	948	251	678	1
14	960	248	661	1
15	838	300	598	3
16	833	300	603	1
18	817	305	598	1
18	899	270	596	2
20	953	273	612	1
20	851	300	569	1
22	1000	240	612	2
22	1000	246	612	1
24	1161	192	701	2
24	1061	217	657	1
25	927	263	599	1
26	1105	206	713	1
28	1006	232	650	3
29				
29	850	293	618	1
31	876	280	621	3
31	1018	223	650	1

June

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	1015	228	696	1
02	936	256	638	2
03	978	236	649	3
05	890	272	637	3
05	1012	225	658	1
06	985	232	637	1
07	1089	200	677	1
08	930	254	655	1
09	902	262	680	1
10	982	235	692	2
11	985	230	700	1
12	957	241	662	3
13	823	300	639	2
15	718	344	560	2
15	762	327	584	1
17	816	300	559	3
18				
18	953	252	653	2
20	1131	184	666	3
21	954	247	688	1
21	1012	221	636	2
22	1134	191	772	2
24	914	258	618	3
25	911	257	628	1
25	957	246	671	2
26	1009	229	708	1
27	994	231	630	1
28	783	319	577	1
30	761	328	540	3
30	905	262	623	1

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July

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
02	810	300	593	3
02	914	252	660	3
03				
05	957	241	722	1
06	875	272	674	2
07	918	257	670	2
07	892	270	684	2
08	899	265	667	1
10	866	276	658	3
11	924	249	659	3
11	1027	213	677	3
12	975	230	680	3
13	910	259	674	3
14	1024	216	673	3
16	1012	227	723	2
16	914	257	665	3
17	951	238	708	1
18	1030	208	719	3
20	854	276	676	2
20	908	228	712	3
21	933	241	663	3
23	884	264	697	2
24	930	242	684	3
24	949	237	728	3
26	892	256	725	3
27	948	244	724	3
28	1050	200	728	3
28	1059	200	693	3
29	1006	226	674	3
30	905	265	649	2
31	914	258	667	3

August

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
02	1065	200	752	3
03	1061	200	772	3
04	930	249	738	2
05	986	222	721	3
05	1044	200	720	2
07	847	275	645	3
08	924	243	684	3
08	921	248	664	3
10	1228	150	724	3
10	1075	200	728	3
11	1067	200	727	3
12	975	230	721	2
13				
15				
16				
17	844	284	667	1
17	908	255	681	2
18	1085	200	752	2
20	1171	177	772	1
21	1270	150	753	3
21	975	244	692	2
22	1087	200	767	2
24				
24				
26	1081	200	751	2
27	1070	200	760	3
28	1072	200	710	3
29				
29	1003	225	723	2
31	1079	200	693	3
31	956	240	695	3

September

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
02	1058	200	721	3
03	1015	216	688	3
04	910	254	679	2
04	921	249	681	3
06	954	237	713	2
06				
08				
09	997	217	658	3
09	982	227	709	1
11	860	289	653	2
12	948	242	721	2
13				
14	890	258	668	3
14	1088	191	748	2
16	1180	163	769	1
17	1071	200	728	3
18	1078	200	725	3
19	1057	200	767	1
20	1131	176	721	3
21	1067	200	725	3
22	1066	200	713	3
22	1072	200	724	3
23	1066	200	737	3
24	1058	200	724	3
25	1015	212	685	3
26	1060	200	702	3
27	1068	200	681	3
29	921	252	669	3
29	981	229	705	3
30	1063	200	712	3

October

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01				
02				
03	939	250	702	2
05	975	234	692	2
06	1164	171	722	1
06	1077	200	719	1
07	948	248	708	2
08	985	225	682	1
09	869	270	688	3
11	949	237	657	1
11	1086	200	734	2
13				
14				
15	1137	188	754	1
15	1098	200	663	3
16	1081	200	625	3
18	884	268	646	1
19	881	267	637	1
19	998	221	656	3
20	1000	222	668	3
22	1046	208	715	1
23	854	287	637	1
23	828	300	586	3
25	777	325	552	3
25	942	253	614	3
26	969	240	627	3
27	921	260	653	1
29	951	243	695	1
29	863	282	662	2
30	985	232	681	3
31				

November

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
02	972	236	622	3
03	969	234	624	3
04	887	268	608	3
04	928	250	644	3
06	762	327	609	2
07	863	282	634	3
07	905	258	665	1
08	878	269	638	3
10	812	300	593	3
11	875	275	597	3
11	844	290	610	2
13	991	230	676	1
14	948	248	646	1
15	812	300	554	3
15	975	254	622	1
17	933	255	646	1
18	865	288	615	1
19	905	269	638	2
20	1018	225	639	1
20	948	250	643	2
22	968	247	642	2
22	1045	218	694	1
24	1018	225	629	1
25	945	255	618	1
25	878	283	594	2
27	927	263	599	1
28	896	278	595	1
28	913	273	575	1
30	963	254	636	1
30	1013	236	668	1

December

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	963	253	698	1
02	927	268	609	1
03	878	290	562	1
04	859	300	556	3
06	914	278	596	1
07	1042	233	639	1
07	1056	229	635	1
08	1067	223	664	1
10	1042	231	613	2
11	978	250	564	1
11	852	308	500	1
13	777	354	620	1
13	721	363	501	2
14	789	331	540	2
16	794	317	528	3
16	785	333	510	3
17	716	369	485	2
18	857	300	545	2
19	861	300	547	1
20	861	300	545	1
21	955	259	584	1
22	858	300	544	1
23	853	305	524	1
25	1052	231	580	1
26				
27	868	300	535	1
28	914	278	542	1
29	951	262	520	1
30	904	281	570	1
31	930	267	510	1
31				

Results of Radiosonde Observations,
TROPOPAUSE

WILKES 1965
1200 HRS GMT.

January

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	750	354	490	3
02	863	300	544	3
03	796	330	521	3
04	671	400	421	3
05	850	310	514	1
06	921	280	518	1
07	914	282	529	1
08	914	282	535	1
09	768	348	470	3
10	829	314	537	1
11	865	300	489	3
12	750	352	475	3
13	810	322	501	3
14	799	326	496	3
15	725	366	480	3
16	750	352	478	3
17	814	322	565	1
18	814	324	568	1
19	805	326	504	1
20	814	322	544	1
21	914	280	556	1
22	799	333	505	3
23				
24				
25	887	290	530	1
26	794	381	490	1
27	866	300	500	3
28	853	306	510	3
29	823	320	520	1
30	951	268	578	1
31	1048	234	591	1

February

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	991	253	581	1
02	954	268	575	1
03	844	315	505	1
04	820	320	515	1
05	829	316	494	1
06	913	286	525	1
07	832	314	549	1
08				
09	798	336	482	1
10	780	345	494	1
11	786	338	498	1
12	914	278	550	1
13	808	328	493	1
14	951	270	574	1
15	975	264	592	1
16	884	296	532	1
17	835	315	526	1
18	805	327	524	1
19				
20	899	289	592	1
21				
22	858	300	580	1
23	896	283	571	1
24	854	300	554	1
25	899	282	565	1
26	780	338	540	1
27	680	387	490	2
28	716	375	488	1

March

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	786	334	495	2
02				
03	938	266	536	1
04	866	300	554	2
05	890	286	565	1
06	881	288	561	1
07	862	300	537	1
08	1079	218	607	1
09	1049	227	579	1
10	899	270	583	1
11	844	300	575	1
12	780	336	535	2
13	750	343	540	1
14	759	338	539	1
15	735	353	510	2
16	808	312	553	1
17	853	292	570	1
18	930	262	596	1
19	759	336	510	2
20	762	326	523	1
21	768	324	580	1
22	747	336	536	1
23				
24				
25				
26				
27				
28				
29				
30				
31				

April

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE

May

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE

June

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE

Results of Radiosonde Observations,
TROPOPAUSE

WILKES 1965
1200 HRS GMT.

July

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE

August

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE

September

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE

October

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE

November

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE

December

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
23	945	265	605	1
24				
25				
26				
27	866	304	489	1
28				
29	921	280	544	1
30	894	290	565	1
31	927	268	555	1

Results of Radiosonde Observations,
TROPOPAUSE

WILKES 1965
00:00 HRS GMT.

January

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	829	315	546	1
02	855	312	529	1
03	793	332	501	3
04	871	300	494	1
05	997	254	535	1
06	942	268	512	3
07	914	284	517	3
08	911	280	523	1
09	885	328	522	3
10	774	342	472	3
11	841	308	476	3
12	793	332	494	1
13	665	400	464	3
14	786	334	499	1
15	716	368	477	1
16	841	308	503	1
17	869	300	534	1
18	829	313	508	1
19	796	328	520	3
20	863	300	545	1
21	908	316	516	1
22	914	282	545	1
23	863	304	490	3
24	814	326	506	1
25	722	375	492	1
26	780	340	476	3
27	866	300	513	3
28	924	274	538	1
29	871	300	540	3
30	969	261	585	1
31	1024	240	602	1

February

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
02	924	280	586	1
02	902	286	546	1
04	866	300	520	1
04	817	319	508	1
05	865	300	513	1
07	823	316	507	2
08				
08	865	300	544	1
10	933	276	552	1
11	688	388	466	2
11	866	300	514	1
13	865	300	531	1
14	927	278	573	1
15	985	258	570	1
16	948	270	533	1
17	870	300	527	1
18	832	315	542	1
18	890	288	548	3
20	835	314	545	2
21	875	296	570	1
22	856	307	557	1
22	902	282	573	1
24	851	300	534	1
25	896	284	562	1
26	908	280	564	1
26	808	334	532	1
28	829	310	551	3
28	828	322	518	1

March

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
02				
03	945	266	538	1
04	975	256	558	1
05	975	256	583	1
06	902	282	548	1
07	918	278	560	1
08	1000	247	528	1
09	1045	230	595	1
10	933	267	558	1
11	878	285	550	1
12	768	339	520	2
13				
14	765	338	540	3
15	789	322	541	1
16	838	300	555	1
17	825	306	550	1
18	878	283	565	1
19	945	256	595	1
20	799	317	498	1
21	719	350	506	2
22	802	306	550	1
23	710	358	519	1
24	829	300	577	1
25	902	273	619	2
26	914	268	620	1
27	783	325	581	2
28	832	300	593	2
29	692	367	540	2
30	783	316	601	1
31	786	316	595	1
31	832	300	573	2

April

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
02	869	285	607	1
03	908	284	623	1
04				
05				
06				
07				
08	689	373	514	2
09	884	277	605	1
10	805	311	576	1
11	648	400	542	2
12	789	323	525	2
13	805	316	534	2
14	762	332	509	1
15	689	368	512	1
16	567	447	476	1
17	793	319	501	1
18				
19	832	306	568	1
20	914	274	557	1
21	1134	204	631	1
22	932	276	559	1
23	804	326	528	1
24	1091	214	654	1
25	1076	220	657	1
26				
27				
28				
29				
30				
30				

May

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
02				
03				
04				
05				
06				
07				
08				
09				
10				
11				
12	966	244	568	1
13				
14				
15	731	339	532	1
16	619	406	490	2
17	722	350	525	3
18	808	306	570	1
19	802	310	566	1
19	1000	238	664	1
21	1132	200	706	2
21	1006	242	680	1
23	1146	186	615	1
24	811	312	559	1
25	872	282	575	1
26				
27	866	332	580	2
28				
29				
30				
30	1006	234	694	2
31	991	234	674	1

June

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	911	263	642	2
02	920	256	683	1
03	998	232	697	1
04	1003	232	676	1
05				
06	768	325	608	2
07	936	249	641	2
08	747	334	606	2
09	807	300	586	2
11	1067	208	716	2
12	1049	214	732	1
13				
14				
15				
16	963	241	652	1
17	780	322	614	1
18	780	321	610	2
18				
19	963	238	660	1
20	1021	218	703	1
21	975	238	717	1
23	844	292	648	2
23	966	234	677	1
24	835	291	659	1
26	762	323	614	2
27				
28				
29				
30	899	270	567	2
30	945	256	660	1

Results of Radiosonde Observations,

TROPOPAUSE

WILKES 1965

0000 HRS GMT.

July

DAY	GEO. POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	1027	220	699	1
02	1010	222	685	3
03	1017	226	633	1
04				
05	1006	228	677	1
06	1062	208	750	1
07	969	238	647	1
08	924	260	686	2
09	802	312	602	1
10	1086	236	623	3
11	972	246	655	1
12	978	240	673	1
13	945	250	680	1
14	988	228	718	1
15	988	222	690	1
16	899	256	655	3
18	893	260	683	2
19	1230	150	747	3
20	1058	200	690	3
21	902	268	707	1
21	972	230	719	1
23	878	270	670	1
23	905	258	682	1
24	914	248	778	1
26	1471	100	755	3
27	884	265	691	2
27	981	224	723	3
29	936	244	724	1
29	815	300	710	2
30	872	276	724	1
31	835	290	650	2

August

DAY	GEO. POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
02	816	300	619	3
02				
03	1851	202	714	1
05	994	226	714	3
05	991	228	750	2
07				
08	1030	216	772	1
09	975	230	623	3
10	924	252	658	1
10	1007	220	751	1
11	829	288	656	1
12	869	272	654	1
14	1254	150	739	3
14	1033	220	748	1
15				
16	1036	218	740	2
17	1207	160	767	1
19	1128	184	825	1
20				
21				
22	1061	210	735	1
23	1121	188	745	1
24	969	236	728	1
25	1039	218	728	1
26	1091	256	678	2
26	1092	258	689	1
27	1077	260	702	3
29				
29	1171	166	725	1
30	1064	200	727	1
31	1056	200	729	3

September

DAY	GEO. POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
02	1027	210	714	1
02	985	226	696	3
04	1060	200	717	3
04	1115	182	730	3
05	1204	158	757	1
06	1068	200	722	3
07	868	278	684	2
08	830	262	673	1
09	1062	200	710	1
10	811	304	637	2
12	997	226	690	1
13	914	252	665	3
13	860	260	684	2
15	1060	200	711	1
15	985	234	684	1
16	1036	216	715	1
17	948	241	708	3
19	1067	200	722	3
19	875	276	664	1
20	902	262	682	2
22				
22	975	235	752	1
24				
25	866	278	677	2
26				
26	1152	172	716	3
27	953	230	688	3
28	896	266	634	3
29	899	273	660	2
30	963	241	656	3

October

DAY	GEO. POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	1078	200	684	3
03	921	264	655	3
04				
04	1036	222	704	3
06	847	290	596	2
07	812	300	598	3
08	1000	220	667	1
08	933	244	665	3
09	902	260	645	3
10	945	252	646	3
12	975	229	668	3
13				
13	1251	150	665	1
15	1015	225	687	1
16	997	230	646	1
17	866	280	626	1
18	908	260	622	1
19	884	269	611	1
19	815	300	609	3
20	933	250	670	3
21	981	232	683	3
22	957	248	666	3
24	829	300	642	2
24	828	300	645	2
26				
27				
28				
29	786	326	547	2
30	837	300	514	3
30	777	322	572	2
31	795	320	605	2

November

DAY	GEO. POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	1125	192	645	1
02	994	242	631	2
03	951	247	640	1
04	963	240	659	1
05	908	260	656	2
07	864	272	606	2
08	815	300	577	3
09	701	358	586	1
09	605	426	506	2
11	911	263	603	1
12	759	335	538	2
13	710	361	509	2
13	890	274	623	1
14	808	308	591	1
15	890	271	585	1
16	817	306	580	2
17	878	286	612	3
19	975	240	613	1
19	753	335	570	3
20	872	281	637	1
22	899	274	603	2
22	972	250	605	1
23	902	272	612	1
25	887	286	564	2
23	1006	240	602	1
27				
27	725	352	536	2
29	802	320	516	2
30	802	322	472	1
30	811	326	487	1

December

DAY	GEO. POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
02	945	267	576	2
03	875	300	540	1
03	981	259	598	1
05	905	258	612	2
06	1018	244	607	2
07	975	260	584	1
08	933	268	571	1
09				
10				
11				
12				
13	856	300	564	1
15	783	338	531	2
14	896	282	520	1
16	927	270	565	1
16	975	256	588	1
18				
19				
20				
21	991	246	515	1
22	854	300	541	1
22	893	286	574	1
23	902	280	575	1
24	861	300	553	1
26				
26				
27	866	300	524	1
28	902	285	525	1
30	963	250	579	1
30	756	348	468	2
31				

Results of Upper Wind Observations,
MACQUARIE 1965

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
1	01	05	34	19	32	17	31	34	32	40	31	47	31	50	31	47	30	54	30	64				
1	01	11	34	17	31	34	31	32	32	29	31	33	31	43	31	50	30	60	30	65	30	69	30	48
1	01	17	34	15	30	24	30	29	30	29	31	30	31	36	31	47	32	54	32	48				
1	01	23	32	04	31	06	32	17	32	25	31	26	31	27	31	52	31	42	31	48	31	55	31	42
1	02	05	35	03	34	06	32	15	32	21	32	24	31	28	31	37	31	44	30	51	30	61	31	42
1	02	11	00	00					34	22	33	28	34	34	32	54	32	54	31	61	31	68	31	48
1	02	17	35	14	33	32	33	34	33	36	33	42	32	45	33	45	32	37						
1	02	23	33	16	32	30	33	40	33	41	33	53	33	60	32	66	32	94	32	79				
1	03	05	33	20	29	32	28	20	29	26	30	34	33	60	34	70	34	73						
1	03	11	33	20	31	35	31	33	31	39	31	40	31	44	32	52	33	69	35	79	34	79	34	64
1	03	17	34	25	32	39	31	39	31	37	31	43	31	44	32	46	32	44						
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1	06	17	27	05	23	22	24	23	24	25	25	19	24	26	23	31	22	36	20	50	20	63	21	47
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1	10	17	00	00			32	12	31	15	30	17	33	17	34	27	34	35	34	33	34	37	34	45
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1	11	05	07	02	32	10	30	12	31	17	34	15	34	15	34	15								
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1	12	11	00	00	01	07	35	16	01	17	01	13	01	19	01	23	01	18	01	19	01	21	36	3
1	12	17	16	01			03	20	03	21	36	19	02	20	02	23	01	27	01	26	36	48		
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1	14	23	32	23	34	46	32	44	32	40	33	41	31	38	31	36	30	44	28	53	28	65	27	6
1	15	05	33	29	34	52	32	52	32	45	31	50	31	46	30	46	29	55	30	55	31	64	30	6
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1	15	17	32	19			29	34	29	36	30	37	30	46	30	51	27	44	31	46	31	62	31	6
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1	16	11	32	07	29	15	30	16	29	15	29	24	30	30	30	49	29	62	29	91	27	116	27	10
1	16	17	31	05	28	14	29	17	29	18	29	24	29	35	28	56	28	76	28	100	28	145		
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1	17	11	31	02			34	28	35	40	32	50	31	64	29	66	30	62	30	80	28	94		
1	17	17	29	07	31	33	30	37	31	43	30	42	31	54	31	68	32	75						
1	17	23	32	14	33	20	33	53	32	65	34	70	32	69	32	89	31	95	32	100	32	70	31	9
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1	18	17	02	10	35	10	36	20	35	26	34	57	33	65	32	89	33	94	33	99				
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1	19	05	28	24	27	33	27	46	29	48	29	39	30	52	32	57	33	125	34	127				
1	19	11	33	11	33	27	32	28	32	30	33	28	33	30	33	47	33	90	34	120	34	126		
1	19	17	35	15	34	23	36	26	36	30	36	27	35	27	34	34	34	82	35	121				
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1	20	05	32	08	30	12	30	17	31	16	31	16	32	18	32	23	34	42	35	90	34	97		
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1	20	17	17	20	19	30	20	25	21	19	23	13	26	15	27	14	24	19	22	43	25	18		
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1	22	17	17	09	16	14	20	09	19	09	17	16	01	23	03	15	02	49	01	61	36	21		
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Results of Upper Wind Observations,
MACQUARIE 1965

TH	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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1	23	17	14	16	15	17	15	20	14	26	14	26	14	21	14	18	15	23	12	20	80	23	14	20
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1	27	17	28	16			27	19	28	24	28	24	27	27	27	44	27	48	27	48				
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1	30	11	35	10	36	17	36	16	34	18	34	15	31	10	31	22	31	31	31	41	31	49	32	44
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2	01	17	27	17	25	33	25	38	26	40	26	40	25	40	25	43	25	81						
2	01	23	26	23	25	44	25	45	24	42	24	46	24	51	23	65	23	88	23	135	23	154		
2	02	05	26	24	26	40	25	40	24	43	24	55	23	60	23	71	23	111	23	118	23	90		
2	02	11	27	18	26	30	26	35	26	38	24	41	24	47	24	54	24	66	23	77	24	80		
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2	02	23	30	09	31	29	31	30	31	35	32	40	31	31	30	49	30	56	29	65	28	74	28	67
2	03	05	32	18	34	37	32	35	32	41	31	48	32	49	31	57	32	58	32	69	31	84		
2	03	11	26	18			27	25	31	26	32	45	30	54	32	71								
2	03	17	31	20	29	39	29	36	29	36	30	40	30	47	31	45	32	56						
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2	04	17	27	22	26	41	26	42	27	38	26	36	26	45	25	62	25	70	25	79				
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2	05	05	26	26	25	48	24	46	24	47	24	54	24	57	24	76	25	77	23	97				
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2	07	11	20	03	20	08	21	16	21	18	22	29	23	37	23	44	23	56	23	77	22	85	24	58
2	07	17	24	03	25	09	24	11	23	16	23	33	23	30	23	47	23	68	22	73	23	70		
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2	08	05	27	11	26	19	26	19	26	19	25	22	25	30	26	40	26	53	25	58	25	54		
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2	08	23	32	12	30	23	29	24	30	23	30	21	29	31	29	43	27	60	27	89	27	94	28	56
2	09	05	32	15	32	27	31	26	32	29	32	22	32	34	31	50	30	65	30	76	30	89		
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2	10	05	33	16	34	24	33	27	32	29	32	28	32	31	32	33	33	96	33	138	33	90	33	43
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2	10	17	32	22	32	23	30	26	31	28	31	30	31	28	32	43	33	53	33	59	33	64		
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2	12	17	18	05	20	10	22	08	23	10	23	12	19	19	21	52	21	40	21	67	20	65	21	62
2	12	23	32	04	34	08	33	10																

Results of Upper Wind Observations,
MACQUARIE 1965

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 FEE
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	k
2	13	05	33	12	36	18	32	21	28	21	27	12	28	19	31	11	01	17	02	34	05	36	01	3
2	13	11	27	04			23	17	26	13	28	11	31	12	35	17	02	37	04	49	03	44	01	3
2	13	17	30	08	28	15	28	16	26	13	27	17	28	20	28	22	26	25	33	02	26	14		
2	13	23	28	14	27	17	27	17	22	24	26	21	25	22	26	29	25	26	26	27	30	16	33	1
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2	14	17	17	10			21	26	23	28	22	30	22	30	22	29	22	50	24	43	24	25	23	1
2	14	23	22	14	22	17	22	30	23	40	21	27	22	33	22	41	22	44	23	46	23	45	22	1
2	15	05	24	18	24	25	22	28	22	37	23	36	23	41	23	48	24	52	24	45	24	36		
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2	15	17	23	15	23	26	21	34	22	37	22	32	23	35	23	46	23	50	23	53	23	31	23	2
2	15	23	26	19	23	23	22	24	23	29	23	29	24	30	23	39	24	60	24	70	24	55	25	2
2	16	05	27	13	25	15	24	15	24	15	25	17	24	30	25	34	26	37	25	48	26	61		
2	16	11	21	05	21	08	22	09	21	08	22	23	25	15	25	18	26	26	26	31	28	37	28	2
2	16	17	17	09	20	17	18	13	21	13	18	16	19	12	21	14	21	16	22	12	23	10	25	0
2	16	23	18	10	20	18	20	18	20	23	20	26	20	20	21	24	22	23	22	33	23	27	22	1
2	17	05	19	14	21	20	21	25	21	18	20	20	19	14	20	18	20	25	21	43	22	39	23	1
2	17	11	27	10			21	30	21	28	22	20	21	19	20	20	21	25	21	37	22	42	22	2
2	17	17	17	10	22	15	22	16	22	16	22	17	23	19	23	29	23	21	24	21	24	22	24	2
2	17	23	17	02	22	07	23	09	25	25	25	16	24	15	21	11	24	08	24	36	24	41	26	2
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2	19	05	27	14	26	24	26	23	25	17	26	16	27	14	26	13	26	24	25	30	27	41	26	3
2	19	11	29	07	27	14	26	14	26	21	25	21	27	18	28	12	26	22	28	22	28	24	26	4
2	19	17	32	09	32	18	31	19	30	19	28	20	26	24	25	27	26	29	26	45	27	100	26	5
2	19	23	33	16	32	27	31	24	29	22	31	16	30	20	27	21	27	26	28	32	28	35	28	2
2	20	05	31	12	27	19	28	15	28	17	29	18	32	21	30	10	30	23	29	29				
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2	20	17	19	06	23	20	22	28	22	24	25	24	25	26	24	31	24	42	23	90				
2	20	23	27	09	26	11	25	12	24	14	24	24	24	29	24	36	24	45	23	63	24	68	23	6
2	21	05	31	10	31	12	30	14	28	14	28	17	28	20	25	35	25	48	25	64	25	60		
2	21	11	35	15	25	22	34	21	34	21	31	20	29	17	28	30	26	37	27	50	26	68	26	9
2	21	17	31	24	36	39	01	45	01	39	01	34	36	60	33	50	31	56	31	61				
2	21	23	28	33	28	58	28	46	31	41	31	43	33	56	35	56	35	53	36	59	36	65	01	5
2	22	05	28	28	28	42	27	49	28	46	27	50	29	43	29	50	29	52	30	41				
2	22	11	30	20	30	30	29	34	28	40	29	41	29	45	28	45	27	64	28	66	29	60	30	4
2	22	17	31	19	31	30	31	35	31	34	31	38	30	39	28	42	28	52						
2	22	23	33	22	34	43	33	43	33	35	33	38	32	34	32	41	29	42	29	45	30	65	30	4
2	23	05	34	23	36	51	35	50	34	49	34	45	36	45	34	45	34	48	33	55	32	60		
2	23	11	30	12	33	33	32	27	32	37	33	35	34	44	35	55	36	72	36	74	35	48	33	4
2	23	17	32	15	31	23	32	23	32	26	32	26	32	27	33	30	33	41	35	45	35	44	34	4
2	23	23	33	12	33	24	33	22	33	24	33	24	33	25	32	29	33	35	35	37	33	35	33	3
2	24	05	28	07	27	15	28	13	32	16	33	15	33	19	33	23	32	26	32	27	28	21		
2	24	11	25	02	26	08	27	20	27	14	28	13	32	18	34	36	35	16	34	30	34	30	33	2
2	24	17	26	01	27	08	27	06	26	09	27	11	27	12	33	17	36	25	36	27				
2	24	23	00	00	28	04	28	05	29	08	33	10	27	15	23	08	35	07	03	29	36	21	34	1
2	25	05	00	00	00	00	22	03	24	12	24	11	25	13	27	13	25	16	32	13	36	20	32	1
2	25	11	27	04	18	27	25	17	24	17	24	20	25	19	26	16	27	20	28	14	27	13	29	1
2	25	17	26	16	26	27	25	30	26	31	25	25	26	24	29	26	26	36	25	53				
2	25	23	29	11	28	16	28	21	27	20	28	23	26	24	25	40	25	43	25	37	25	38	27	2
2	26	05	34	09	34	16	33	21	32	23	30	25	28	27	28	22	28	25	26	68	25	69		
2	26	11	32	16	31	20	30	22	30	24	30	31	30	29	29	33	27	44	28	48	27	62	27	3
2	26	17	31	11	30	24	29	24	28	26	28	34	29	35	29	58	30	45	30	50	30	56		
2	26	23	31	07	28	17	28	23	28	22	29	23	29	23	28	33	29	34	28	36	28	42	29	3
2	27	05	29	13	28	22	27	23	28	22	27	21	27	32	27	38	25	43	25	52	27	45	27	3
2	27	11	28	16	28	27	28	27	28	25	28	25	27	29	26	35	25	43	25	52	27	44	28	3
2	27	17	32	26	21	51	29	43	30	42	29	46	32	50	30	40	28	42	29	52	28	47		
2	27	23	29	21	28	40	27	42	27	40	28	43	28	46	28	60	28	60	28	63	28	36		
2	28	05	27	29	27	37	27	44	27	48	27	50	27	48	28	58	28	58	28	52	28	51	28	4
2	28	11	27	25	26	41	26	44	26	44	26	46	27	45	27	49	27	54	27	58	27	60	27	4
2	28	17	22	08	23	28	23	32	23	31	24	36	24	35	24	32	24	30	25	30				
2	28	23	23	11	21	25	23	36	22	33	22	33	22	41	22	41	22	43	22	57	21	61	21	
3	01	05	24	11	23	28	23	34	23	41	22	40	22	35	23	54	22	73						
3	01	11	20	08	22	23	20	38	21	29	21	31	21	28	20	51	21	120	20	155				
3	01	17	21	03	21	16	19	14	20	16	20	21	18	36	20	70	20	90	20	114				
3	01	23	32	08	32	11	30	13	29	12	27	19	24	29	23	44	22	70	22	72	23	80	23	
3	02	05	33	19	34	27	34	37	30	27	29	24	26	41	25	47	25	52	25	54	26	86	25	
3	02	11	32	23					32	45	30	60	29	59	30	51	30	52	29	60	27	93	26	1
3	02	17	30	11	29	28	29	24	29	21	29	35	31	52	30	60	30	60						
3	02	23	29	08	28	21	27	23	29	22	30	28	30	32	30	51	29	51	29	67	27	124	28	1
3	03	05	32	12	30	25	29	21	31	24	29	23	31	27	31	52	32	52	30	117	29	136	30	
3	03	11	31	12	30	21	30	26	30	25	30	25	29	24	31	35	31	82	31	85	31	120	32	
3	03	17	26	15	26	30	27	30	27	25	28	24	31	28	33	37	33	58	33	78	33	60		
3	03	23	28	16	28	25	28	24	28	24	28	23	28	27	28	26	29	30	31	36	31	42	31	
3	04	05	30	17	31	28	30	29	29	31	29	29	28	32	28	35	26	42	26	38				
3	04	11	28	20	30	32	29	35	29	37	28	34	28	28	26	40	25	59	26	50	28	36	39	
3	04	17	27	17	27	30	22	34	27	36	27	33	26	35	25	44	25	45	26	44	26	40	27	
3	04	23	30	16	28	29	28	35	28	35	27	35	27	30	28	37	27	46	27	53	26	70	27	
3	05	05	30	17	28	35	29	34	28	37	29	38	29	30	29	31	28	28	29	50	27	71	27	
3	05	11	31	17	31	28	29	28	29	23	29	23	29	25	28	18	27	35	25	43	26	80	27	
3	05	17	31	12	31	24	31	27	22	24	31	20	31	24	29	39	28	42	27	46				
3	05	23	36	03	33	27	33	28	33	26	32	28	32	28	33	38	30	65	29	76	29	92	28	

Results of Upper Wind Observations,
MACQUARIE 1965

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
06	05	34	12	36	34	36	36	35	43	35	40	32	43	33	47	32	55	31	76	31	87		
06	11	32	25	35	40	34	70	34	51	33	53	34	80	34	59	34	86	34	85	36	80	34	88
06	17	31	35	33	49	32	56	33	54	33	59	33	62	34	75	34	81						
06	23	31	43	31	52	33	69	31	66	31	69	31	150	31	91	32	55	32	44	32	51	33	60
07	05	29	36	31	45	30	58	30	56	31	57	31	53	31	52	31	55	30	57				
07	11	28	26	29	40	29	45	29	45	29	42	29	28	29	31	28	24	23	12	32	29	32	44
07	17	27	26	28	37	27	34	28	45	29	39	30	39	29	40	31	27	03	17	31	25	30	29
07	23	27	26	29	38	28	36	28	48	29	42	28	40	29	45	28	64	28	78	28	74	29	53
08	05	29	20	31	28	30	38	29	36	29	39	28	45	28	49	29	50	29	68	29	64		
08	11	32	08	33	26	33	38	31	37	31	39	29	50	30	65	29	61	29	62	29	85		
08	17	34	16	34	30	34	37	34	36	33	39	32	33	31	46	30	62	31	81				
08	23	34	30	01	50	36	54	35	63	36	54	35	60	33	56	34	58	33	67	32	90	32	90
09	05	32	14	33	31	34	32	35	43	35	52	36	64	35	62	34	74						
09	11	32	18	33	39	33	39	33	43	34	38	34	45	34	49	36	68	36	80				
09	17	27	40	28	53	28	57	28	54	29	47	29	48	29	51	28	57						
09	23	27	26	28	45	28	49	29	47	29	47	28	47	28	55	28	55	26	80	26	82	28	55
10	05	31	20	32	42	30	51	30	52	29	47	28	47	28	55	27	63	26	91	27	98	27	78
10	11	32	32	33	45	32	66	31	55	30	53	29	48	30	49	28	85	29	84				
10	17	31	36	32	61	31	70	30	67	30	70	30	70	30	71								
10	23	31	26	32	58	31	52	30	47	31	55	30	80	30	84	30	93	30	114				
11	05	31	30	33	52	31	56	32	70	32	74	31	88	31	98	31	104	30	101				
11	11	31	30	30	51	31	52	31	40	31	66	29	80	31	99	32	121						
11	17	31	18	30	35	31	41	31	51	29	45	31	82	31	103	31	120						
11	23	32	10	32	22	31	25	32	21	31	35	32	48	31	88	31	93	32	113	31	110		
12	05	08	06	07	05	05	16	01	26	33	50	33	50	32	80	31	92	32	93	32	108		
12	11	31	26	35	58	33	62	34	63	33	70	33	77	33	79	33	87	32	93	32	88		
12	17	32	24	34	48	33	36	34	53	34	61	34	69	33	83	34	87						
12	23	09	05	21	06	33	09	34	28	34	33	35	33	35	48	35	65	35	89	35	108	34	110
13	05	15	11	19	18	21	17	26	09	30	13	33	16	33	33	35	79	01	109	01	122	02	104
13	11	23	12	22	19	24	24	25	30	26	35	27	33	30	36	31	57	32	112	33	99	33	82
13	17	30	15	30	22	30	23	31	21	30	24	31	30	31	50	31	90	32	92				
13	23	33	14	33	16	33	21	33	22	33	25	32	35	31	54	31	62	31	69	30	42	30	55
14	05	33	12	35	23	35	24	34	27	33	28	33	30	32	33	31	32	30	21	26	27	29	34
14	11	35	14			36	25	35	32	34	28	35	34	34	48	34	56	34	56	36	40	35	40
14	17	34	20	34	34	34	31	34	34	34	38	34	50	34	47	35	50	35	69	35	71		
14	23	31	18	31	35	31	33	31	34	32	36	32	45	33	57	34	80	35	105	35	101	35	78
15	05	30	30	30	37	31	44	30	44	31	40	31	45	31	50	32	59	33	72	34	73	34	57
15	11	28	29	29	40	29	42	29	42	29	42	30	38	30	58	29	36	31	43	32	56	32	50
15	17	26	24	27	36	26	38	27	36	28	33	28	34	28	29	28	42	27	40	28	39	28	38
15	23	26	20	27	33	27	28	26	34	26	34	27	37	26	41	25	57	25	60	26	62	26	48
16	05	27	26	27	34	27	35	27	31	26	34	26	41	26	49	25	54	25	69	25	71		
16	11	29	18			27	30	27	28	26	33	26	37	25	44	24	50	24	73	26	60	25	75
16	17	32	12	32	26	31	29	30	30	30	32	28	33	27	40	25	55	26	50	25	74		
16	23	33	26	33	47	32	48	32	39	30	47	28	50	27	44	26	40	25	53	24	78	24	93
17	05	33	30	32	48	28	53	27	66	28	49	30	43	31	45	30	49	29	55	27	65	27	58
17	11	32	35			32	60	32	60	31	60	31	70	30	67	30	70	31	69	31	72	31	70
17	17	32	38	32	60	30	57	31	77	31	79	31	80	31	74	31	84						
17	23	30	16	29	33	29	31	30	38	30	40	31	48	31	84	31	105	31	113	30	122	31	120
18	05	31	20	30	36	28	36	29	38	29	43	30	50	30	65	30	79	30	102				
18	11	30	20	30	36	30	39	29	39	29	43	29	50	28	70	29	81	29	83	28	98		
18	17	32	20	32	32	30	37	31	39	30	43	30	49	30	67	30	79	30	106				
18	23	33	31	32	52	31	49	31	48	31	54	32	52	31	61	31	87	31	103	31	105	31	94
19	05	28	13	27	30	28	31	29	32	29	42	30	50	32	74	33	83	32	106	32	101		
19	11	29	11	28	33	28	28	28	31	28	32	28	37	30	46	31	65	31	59	32	64	31	70
19	17	30	18					31	30	31	34	31	34	31	39	31	46						
19	23	31	18	32	52	31	33	30	35	30	34	30	36	29	46	29	59	29	82	30	77	30	69
20	05	31	20	32	34	31	35	31	35	31	35	31	35	31	35	30	50	30	50	31	67	30	65
20	11	32	25	32	43	32	42	32	40	31	53	32	52	33	50	33	68	32	78	30	70	30	60
20	17	29	14	29	11	29	20	29	29	29	31	30	35	31	59	32	75	31	104				
20	23	30	13	29	23	29	25	29	30	30	28	30	38	31	47	31	57	31	56	30	51	30	48
21	05	29	15	30	32	30	29	30	27	30	21	30	33	28	25	22	34	19	50	20	66	24	45
21	11	30	20	32	30	31	32	32	34	30	32	29	31	29	24	30	24	26	26	23	29	24	37
21	17	31	25	32	38	32	42	31	37	31	28	30	35	31	50	33	45	32	48	32	33	31	42
21	23	32	25	33	43	31	40	31	36	30	38	31	42	32	43	31	49	32	56	32	56	33	60
22	05	32	21	32	37	30	35	30	32	30	30	31	31	31	40	31	54	32	69	32	86	32	74
22	11	30	02	31	10	31	18	31	18	31	24	32	27	31	29	31	35	32	45	32	62	34	62
22	17	30	04	32	13	32	18	33	18	31	28	31	23	31	24	31	26	29	34	30	42	31	42
22	23	30	06	31	20	31	27	34	31	33	25	33	21	32	26	33	30	32	31	32	33	32	40
23	05	31	10	32	28	32	31	32	28	32	27	31	33	33	30	32	37	31	35	32	35	33	48
23	11	32	14	34	23	32	28	32	30	31	31	32	31	33	43	30	50	33	57	33	60	33	55
23	17	30	12	29	23	29	20	33	22	34	30	33	36	33	45	33	51	33	64	33	81		
23	23	26	15	25	22	25	21	26	18	27	21	32	30	33	50	34	72	34	88	33	80	32	54
24	05	25	13	27	19	27	18	27	25	28	25	29	28	29	30	29	31	31	48	31	44	30	42
24	11	29	15	29	16	29	16	28	19	28	22	28	24	26	28	21	48	21	66	21	53	26	45
24	17	32	28	30	38	32	30	31	39	31	37	30	42	29	39	29	39	27	47	28	39	28	32
24	23	32	36	32	48	30	50	30	48	31	48	32	55	32	58	31	68	32	75	32	77	31	53
25	05	28	32	28	46	27	50	27	49	27	51	27	46	29	61	29	86	30	85	29	72		
25	11	26	30	26	46	26	48	27	46	26	43	27	49	27	59	27	84	27	84	27	78	27	50
25	17	24	28	25	41	25	35	25	35	26	36	26	43	26	55	27	71	26	61				
25	23	28	16	27	25	26	22	27	24	27	25	27	34	26	40	27	46	27	53	27	53	27	47
26	05	20	04	27	07	27	08	29	14	29	19	28	33	29	42	30	37	30	43	30	43	27	40
26	11	09	10			14	15	11	06	28	14	30	18	30	34	30	42	27	37	26	40	25	43
26	17	12	16	14	22	17	19	21	08	24	08	27	19	29	26	28	27	27	31	24	49		
26	23	15	10	17	12	19	14	20	13	21	17	22	22	22	34	22	51	22	84	22	86	23	58
27	05	25	08	26	07	26	12	28	08	25	11	24	16	24	28	24	46	23	62	23	74		
27	11	30	12			31	12	31	14	29	08	25	19	24	23	24	43	24	57	25	68	24	72
27	17	32	25	34	33	34	28	33	31	33	32	32	27	30	33	30	35	30	43	27	43	28	47
27	23	32	29			34	49	34	26	32	47	32	50	31	35	31	45	32	42	31	40	31	53

Results of Upper Wind Observations,
MACQUARIE 1965

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 FEE
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10 kt
3	28	05	33	28			34	50	34	62	33	53	33	52	34	52	34	60	34	66	34	68	
3	28	11	32	20	33	28	32	35	32	28	32	38	34	39	36	55	35	75	36	78	35	95	35 68
3	28	17	25	25	25	37	26	28	26	33	27	37	29	33	30	35	34	53	36	89	35	67	33 46
3	28	23	28	24	26	42	26	43	27	49	28	40	28	33	26	47	26	51	25	54	28	43	29 40
3	29	05	26	30	26	44	26	50	26	54	26	42	25	46	24	55	24	90	24	98	24	82	24 78
3	29	11	26	25	27	42	27	41	27	44	27	44	25	45	25	50	25	63	25	80	24	71	25 52
3	29	17	29	20	30	34	29	30	28	29	28	32	27	32	27	43	26	48	26	61	25	57	26 54
3	29	23	32	26	33	48	31	50	31	50	31	42	32	48	31	44	32	55	31	50	29	60	30 60
3	30	05	33	35	33	51	32	59	32	56	32	58	32	65	32	66	33	73	33	74			
3	30	11	31	20	31	34	30	37	31	42	31	46	31	50	32	72	33	82	33	95	33	84	32 78
3	30	17	31	20	30	37	30	39	30	40	30	44	30	44	30	45	31	46	31	50	31	59	31 36
3	30	23	33	30	34	50	33	59	33	53	33	52	32	51	32	54	31	56	32	54	30	60	31 50
3	31	05	31	32	30	45	29	46	28	46	29	55	30	54	30	57	29	75	29	85	29	70	30 53
3	31	11	30	28	30	41	29	42	29	43	29	46	29	52	29	58	29	94	30	86	29	72	29 65
3	31	17	30	22	29	38	29	40	28	41	29	43	29	47	28	59	28	62	29	66	29	55	
3	31	23	30	18	29	20	29	20	30	25	30	29	30	26	29	34	28	30	30	49	30	50	30 56
4	01	05	30	07	27	08	26	11	27	15	28	19	28	22	28	27	27	32	26	30	29	44	29 57
4	01	11	00	00			21	02	25	09	28	17	27	20	27	30	28	38	28	46	29	49	30 5
4	01	17	00	00			22	16	25	17	28	17	27	20	27	29	28	37	28	47	28	48	
4	01	23	28	16	28	23	30	22	30	22	30	23	30	28	30	30	30	30	31	59	31	61	30 4
4	02	05	30	07	30	11	29	14	28	20	28	24	29	23	30	30	30	36	30	38	30	40	28 4
4	02	11	31	10	30	17	30	19	30	20	30	20	29	24	28	23	25	29	23	36	24	36	27 3
4	02	17	31	18	30	28	30	25	30	28	30	27	28	26	27	31	25	38	34	24	25	45	26 3
4	02	23	32	23	32	37	30	39	29	38	28	39	28	32	28	41	27	46	26	51	26	55	27 5
4	03	05	32	22	31	43	30	44	30	47	29	44	29	37	28	43	27	51	26	54	25	69	25 6
4	03	11	32	28	32	45	31	46	30	46	30	43	30	40	30	44	30	39	29	48	28	49	27 6
4	03	17	32	32	33	55	32	52	32	57	32	52	32	53	31	52	30	55	29	80	28	78	
4	03	23	33	35	33	50	32	68	32	53	32	58	32	59	32	74	32	90					
4	04	05	31	28	30	38	29	38	31	55	32	55	33	64	33	92	33	111					
4	04	11	30	31	29	40	29	40	29	40	28	39	29	48	29	50	29	55	32	97	31	102	31 8
4	04	17	28	26	28	38	28	42	28	45	28	45	28	50	27	70	26	83	25	93			
4	04	23	32	25	32	45	31	54	31	49	30	42	29	55	28	50	28	68	28	74	29	94	28 8
4	05	05	32	35	32	54	31	61	30	51	30	52	31	59	31	59	30	69	31	79	30	84	
4	05	11	32	35	32	50	31	64	30	59	30	58	31	59	31	77	31	82	32	85	31	91	
4	05	17	28	24	28	39	28	38	27	43	28	44	29	54	30	70	30	87	31	101			
4	05	23	28	20	27	31	26	31	27	30	27	33	27	37	28	43	30	68	31	86	31	90	30 6
4	06	05	30	16	27	27	29	21	29	28	29	34	30	36	30	40	30	53	31	74	31	81	
4	06	11	27	14	26	29	26	27	26	28	25	31	26	27	27	28	27	34	27	35	26	40	26 4
4	06	17	29	19	28	19	29	25	27	28	27	25	26	27	22	57	21	62	21	65	20	99	22 7
4	06	23	32	32	29	49	27	58	25	55	25	54	25	57	24	62	25	58	25	57	23	86	23 6
4	07	05	28	28	27	48	26	55	25	57	25	61	25	58	25	54	24	65	24	73	24	71	
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4	07	17	28	26	26	48	25	46	25	49	25	52	24	52	24	58	24	58	24	55			
4	07	23	29	20	28	40	26	41	26	47	26	49	26	51	26	52	26	44	26	44	25	44	26 4
4	08	05	30	24	29	39	28	37	28	42	29	46	29	50	29	54	28	51	28	47	28	38	27 3
4	08	11	30	28	30	34	29	50	29	48	29	50	29	50	29	46	28	48	28	47	28	44	28 4
4	08	17	30	28	30	45	29	35	28	69	29	60	29	58	30	58	24	62	29	57			
4	08	23	31	30	30	48	29	47	28	48	29	52	29	60	29	71	30	78	30	73	29	75	30
4	09	05	30	26	29	38	28	39	29	49	28	44	28	56	29	62	29	72	30	70	24	73	30
4	09	11	26	09	26	14	27	17	29	40	29	42	28	42	29	42	29	66	29	62	29	65	30
4	09	17	00	00			29	10	29	15	29	35	30	42	29	50	29	47	29	55	29	51	29
4	09	23	27	12	25	15	27	18	28	36	28	32	28	31	28	42	27	31	27	33	28	70	28
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4	10	11	28	25	28	30	27	36	26	23	26	29	25	28	27	33	26	33	22	35	21	53	21
4	10	17	28	27	28	30	28	33	28	35	28	55	27	40	24	35	25	35	24	35	23	45	22
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4	11	05	29	30	28	37	27	48	28	52	27	54	27	54	28	56	27	51	27	53			
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4	11	17	26	19	26	25	25	30	27	40	25	42	26	44	26	67	25	70	26	81	26	104	
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4	12	05	29	30	28	44	26	57	26	56	28	51	28	54	27	60	26	73	25	92	25	100	
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4	12	17	28	22	27	30	27	40	26	43	26	44	26	46	20	56	25	80	25	97	25	94	
4	12	23	29	30	27	49	26	51	27	51	27	53	26	52	27	72	26	90	26	107			
4	13	05	24	18	24	32	24	45	23	46	23	51	23	56	24	88	24	105	24	102			
4	13	11	15	08	16	08	15	12	18	15	21	22	22	38	23	47	23	51	23	55	23	57	23
4	13	17									24	12	24	14	23	35	23	45	23	45	23	54	23
4	13	23	34	15	33	17	32	17	29	11	26	18	25	16	24	27	23	25	24	37	23	45	23
4	14	05	33	13	32	14	27	15	26	08	25	12	26	15	25	21	25	20	26	23	24	29	23
4	14	11	32	11	31	11	30	09	30	08	29	14	28	10	27	12	27	11	26	11	24	22	24
4	14	17	34	12	33	15	32	22	32	17	30	15	31	19	32	21	32	22	29	25	31	26	33
4	14	23	34	11	32	20	33	22	33	12	33	12	32	18	32	26	32	27	31	27	31	28	32
4	15	05	36	10	34	16	35	18	33	12	33	15	32	22	32	24	31	32	33	27	31	31	31
4	15	11	35	12					36	15	35	16	34	17	34	25	34	30	35	33	33	32	33
4	15	17	34	05			01	22	36	23	36	18	01	18	36	24	35	24	35	27	34	24	34
4	15	23	36	14	03	27	03	27	03	27	02	28	02	28	02	26	1	28	02	33	02	30	36
4	16	05	10	10	04	20	04	35	02	40	02	37	02	37	03	42	03	45	04	50	05	56	04
4	16	11			03	30	02	37	02	40	01	39	36	37	35	35	33	43	32	50	32	58	33
4	16	17	32	15	31	31	31	40	33	41	33	43	35	58	02	66	02	74	02	71	01	81	01
4	16	23	34	22	35	40	34	47	33	48	33	46	33	48	33	52	32	48	30	77	31	68	33
4	17	05	34	26	35	51	34	56	35	61	34	65	34	66	34	62	34	74	34	93			
4	17	11	33	22			34	45	35	60	35	68	35	66	34	73	34	78	35	80	35	77	
							33	46	33	48	33	48	34	66	34	74	35	112	35	104			

Results of Upper Wind Observations, MACQUARIE 1965

H	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
	18	05	33	22	33	23	33	37	32	36	32	37	33	42	33	40	33	42	33	48	33	63	33	56
	18	11	33	22	33	32	33	34	33	30	32	29	31	26	31	34	31	42	32	34	32	27	32	33
	18	17	29	18	28	28	29	33	30	36	31	36	32	35	29	29	26	38	26	40	26	37	28	28
	18	23	27	24	25	29	25	30	24	35	25	38	24	37	23	43	26	55	26	68	26	68	25	44
	19	05	27	26	27	35	26	34	24	35	23	37	23	40	23	36	22	44	23	50	23	49	23	46
	19	11	27	32	27	25	26	46	24	35	23	49	23	48	23	52	23	57	23	54	23	65	23	65
	19	17	27	30	25	37	23	35	24	32	22	38	23	42	22	44	21	51	21	53	21	55	21	70
	19	23	26	27	26	41	25	41	25	37	24	31	24	30	25	43	26	42	26	39	26	37	24	51
	20	05	28	25	26	31	26	41	27	51	27	52	26	44	27	40	28	48	27	49	27	46	26	48
	20	11	28	20	28	24	26	46	26	46	27	50	27	50	27	55	27	58	28	60	28	60	28	60
	20	17	27	26	26	37	26	57	27	58	26	55	27	60	27	70	27	77	27	75	27	72		
	20	23	27	30	26	38	26	41	26	44	26	54	26	64	26	67	26	68	25	64	26	73	25	82
	21	05	27	30	26	39	25	37	25	46	25	49	26	49	26	50	27	52	26	53	27	58	27	57
	21	11	27	32	26	41	26	38	25	40	26	41	26	40	26	50	25	55	25	61	26	68	27	75
	21	17	26	30	25	42	26	41	25	44	25	46	26	57	27	58	26	49	27	58	28	67	28	68
	21	23	28	26	24	34	23	39	24	40	24	45	26	64	26	79	24	99	24	106	26	81	26	69
	22	05	23	12	23	36	23	37	23	39	24	43	23	66	24	95	23	120						
	22	11	22	12			22	30	22	33	24	40	23	58	23	119								
	22	17	23	10			22	27	23	35	22	39	22	52	22	100	22	114						
	22	23	27	23	26	23	26	23	25	34	23	46	22	66	23	66	23	70	23	65	23	66	24	74
	23	05	28	22	26	32	26	32	25	39	25	40	26	32	27	39	29	50	29	50	29	53	29	48
	23	11	18	18	21	34	21	34	20	37	20	33	21	37	19	44	18	47	15	54	16	41	22	35
	23	17	22	14	23	27	22	36	22	46	20	42	18	48	20	43	19	41	19	36	22	31	22	37
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	24	11	27	28	26	39	26	38	25	51	25	55	26	65	26	78	26	90	26	112				
	24	17	25	20	25	26	24	32	24	40	25	34	24	43	25	62	25	68	25	78				
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	25	05	26	32	25	42	25	44	25	49	25	45	25	60	26	93	25	103	25	111				
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	25	23	18	35	20	41	20	53	21	46	21	48	21	42	21	52	21	71	21	94	21	124	21	96
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	26	17	18	08	23	15	22	22	23	24	25	29	24	31	25	38	24	35	24	45	25	68	24	44
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	29	17	26	30	23	37	24	53	24	41	24	33	24	52	24	52	24	54	24	58	23	74		
	29	23	26	28	23	44	23	45	23	43	23	38	23	47	23	59	23	66	24	72	23	66	23	52
	30	05	20	22	24	39	24	51	23	51	22	53	22	46	23	52	23	58	22	76	23	74		
	30	11	24	22			23	43	23	48	23	49	22	51	21	84	21	61	22	91	21	77	22	62
	30	17	20	19	21	30	22	32	21	37	22	35	21	43	22	56	21	67	21	70	22	66		
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	03	05	31	14	30	30	29	37	30	43	30	46	29	63	28	61	28	65	29	80	28	93		
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	03	17	27	30	25	33	23	39	23	50	24	51	24	57	25	60	26	65	26	93	27	118		
	03	23	26	18	24	19	23	17	23	24	22	28	22	40	24	51	25	65	26	77	26	99	26	107
	04	05	27	15	27	17	29	20	22	29	21	28	28	29	29	42	26	56	26	82	26	98	26	101
	04	11	35	15	36	24	34	25	32	34	31	31	30	30	28	39	28	46	27	54	27	84		
	04	17	33	20	31	40	31	32	32	36	30	34	30	31	31	36	31	57	31	62	30	72		
	04	23	32	15	30	30	30	27	29	29	29	30	29	37	31	55	32	72	31	74	31	68	30	52
	05	05	32	14	32	25	30	21	31	24	31	24	29	24	29	32	29	36	29	28	30	37		
	05	11	27	20	28	22	28	22	27	22	28	22	27	21	27	21	24	19	26	22	27	26		
	05	17	18	15	21	33	21	30	21	31	22	28	22	30	22	33	22	41	21	42	22	35	24	34
	05	23	18	20	20	27	21	32	21	32	22	34	23	33	22	28	21	37	22	34	23	36	23	35
	06	05	24	15	23	23	23	20	22	27	21	39	21	38	20	44	20	45	20	52	20	51		
	06	11	25	20	25	33	25	23	24	30	23	26	24	29	22	36	20	44	20	50	20	56	21	50
	06	17	27	19	26	45	25	47	24	48	23	46	22	50	21	48	22	48	22	44	20	64		
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	07	05	27	22	25	24	24	38	19	25	19	24	22	23	25	22	23	24	21	24	18	44		
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	08	17	27	26	25	39	24	40	23	40	24	46	23	47	24	51	24	46	23	48	24	61	24	66
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Results of Upper Wind Observations,
MACQUARIE 1965

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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5	21	11	26	30	27	45	26	42	26	41	26	34	27	22	27	22	25	20	27	20	28	24		
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5	29	11	28	17	28	27	29	27	30	27	31	25	31	30	33	40	35	56	35	65				
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Results of Upper Wind Observations,
MACQUARIE 1965

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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31	11	34	16	36	23	36	34	36	37	36	34	36	34	36	40	35	40	34	45	34	42	33	44
31	17	34	16			36	26	36	29	36	32	36	34	36	37	35	39	35	44	35	52		
31	23	33	05	03	20	04	20	04	25	36	20	35	21	34	24	35	38	36	51	36	59	34	50
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15	05	27	18	28	28	29	40	29	31	28	42	28	51	27	56	26	62	26	77	27	78		
15	11	30	25	30	34	29	43	28	43	28	43	28	50	28	52	28	59	28	68	28	76	28	83
15	17	30	18	29	30	28	40	28	45	28	45	29	49	29	54	29	49	29	54	28	66	28	78
15	23	32	22	32	42	30	51	30	56	29	58	29	60	30	60	29	66	29	66	30	77	29	76
16	05	31	30	30	45	29	48	29	53	30	58	30	64	31	80	31	90	31	102				
16	11	31	30	31	42	29	53	29	53	30	50	30	53	29	63	30	85	30	95	30	109		
16	17	29	40	29	60	28	64	28	69	28	70	28	74	28	61	28	60	28	77	28	89		
16	23	29	26	28	37	27	31	28	34	27	34	27	38	27	56	27	75	28	99	28	88	29	84
17	05	29	20	28	26	29	27	28	37	27	41	27	47	27	62	27	80	28	124	28	128		
17	11	31	14	31	20	30	21	30	26	30	27	30	37	28	43	29	65	29	88	29	100	29	116
17	17	06	12	06	26	05	26	34	32	33	32	32	40	32	42	33	56	33	75	32	86	31	59
17	23	30	14	27	28	27	24	27	28	26	28	26	29	27	23	24	24	28	34	30	39	29	50
18	05	27	20	25	25	25	25	25	37	25	41	27	40	27	51	26	59	27	60	28	46	27	48
18	11	32	06	34	11	34	07	34	18	33	36	30	35	30	38	31	46	31	57	30	54	29	45
18	17	22	04	23	13	24	13	24	16	25	22	27	30	29	34	30	55	30	41	28	44	28	75
18	23	26	10	27	23	27	21	27	21	27	21	27	30	26	43	26	70	27	83	27	74	27	58
19	05	36	14	36	18	35	21	33	21	28	36	29	40	29	45	28	55	27	53	29	96	29	68
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19	17	31	20	31	27	32	26	30	29	31	29	31	25	31	24	30	22	31	27	31	31	30	38
19	23	28	42	27	70	27	53	26	62	26	52	26	37	26	34	26	47	26	58	27	53	27	48
20	05	29	34	29	41	29	47	28	55	27	56	27	62	27	62	26	62	26	73	27	79	27	69
20	11	30	30	31	45	29	48	30	49	30	58	30	62	29	72	29	67	29	74	29	88		
20	17	29	45	30	62	29	65	28	73	29	67	28	62	29	96	29	122						
20	23	30	44	29	66	29	55	29	57	28	65	29	80	29	106	30	104	29	168	29	74	29	78

Results of Upper Wind Observations,
MACQUARIE 1965

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
6	21	05	29	35	29	42	28	67	27	42	28	48	29	53	30	73	30	108	30	115	29	104		
6	21	11	25	22	27	30	29	34	28	32	28	33	28	43	28	70	30	122	30	125				
6	21	17	27	12	27	16	28	19	28	18	29	22	28	22	30	45	31	99	31	123	31	110		
6	21	23	23	05	19	06	13	05	22	02	27	07	33	18	33	17	33	63	31	75	31	81	29	52
6	22	05	20	07	21	15	22	17	23	17	23	20	24	22	25	19	31	47	29	41	29	45	29	56
6	22	11	25	10			24	20	24	23	25	27	26	25	29	30	25	38	24	44	27	50	28	52
6	22	17	23	10			24	19	24	23	25	26	26	29	27	33	25	40	25	46	25	47		
6	22	23	25	07	30	17	30	17	31	11	27	16	27	18	28	26	30	32	30	34	28	35	28	41
6	23	05	32	16	32	17	33	19	32	21	31	19	30	22	29	23	30	38	27	28	26	30	26	43
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6	23	23	28	25	27	30	27	42	26	52	25	63	25	61	24	68	24	76	24	76	24	92	24	60
6	24	05	28	24	28	33	26	37	26	40	25	43	27	48	26	47	25	54	24	62	27	68	24	65
6	24	11	29	21	28	34	27	41	27	37	27	33	26	43	26	42	27	45	28	39	25	37	25	46
6	24	17	30	30	31	38	30	43	29	38	29	47	28	55	29	56	29	53	29	49	28	50	27	53
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6	25	05	25	20	24	24	24	31	24	30	25	30	25	36	28	62	30	73	30	86	30	89	30	80
6	25	11	25	12	25	26	23	37	23	44	22	40	22	45	23	35	24	37	26	38	27	48	27	50
6	25	17	20	12	22	27	22	35	23	36	22	39	22	42	20	60	20	80	19	83	20	60		
6	25	23	27	25	26	37	25	32	21	37	22	36	22	24	21	47	21	45	19	49	19	55	21	51
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6	27	05	28	24	27	35	26	36	26	39	26	39	26	47	25	40	25	43	25	35	23	38	22	39
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6	27	17	28	18	27	34	26	34	26	37	26	38	25	43	24	42	24	42	23	44	20	66		
6	27	23	28	20	27	38	27	34	27	37	26	39	26	38	23	42	22	51	22	58	22	50	21	56
6	28	05	28	23	28	44	26	44	26	37	26	38	27	47	24	42	24	47	23	48	22	45	21	52
6	28	11	27	28	27	43	26	46	26	32	25	44	25	47	24	42	24	53	24	53	23	46	23	41
6	28	17	29	29	28	45	27	50	27	45	26	47	26	47	26	43	25	37	24	30	24	39	24	45
6	28	23	29	28	28	43	27	49	27	50	27	43	28	41	28	55	28	51	28	43	27	57	27	45
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6	30	05	26	26	25	27	24	33	25	40	24	43	25	42	25	47	25	48	26	71	26	75	26	9
6	30	11	22	14	24	23	24	26	24	41	24	46	23	44	24	47	24	45	24	42	25	47	25	4
6	30	17	22	06	23	18	23	12	24	33	24	38	24	36	23	32	24	39	24	31	26	29	25	5
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7	01	05	30	10	29	18	27	15	26	27	24	27	23	27	24	22	24	21	24	27	24	30	26	3
7	01	11	30	10	27	26	26	28	25	28	26	24	26	31	26	30	26	34	27	37	27	32	25	4
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7	01	23	31	20	32	37	31	37	31	33	31	34	30	34	32	30	32	25	31	27	31	28	29	3
7	02	05	31	26	30	45	30	44	29	48	30	47	29	51	30	46	29	42	29	47	30	48	30	3
7	02	11	29	26	29	40	27	44	27	48	27	46	27	49	26	53	27	51	26	52	27	45	27	5
7	02	17	28	22	28	49	27	50	26	48	26	52	25	47	25	55	25	58	25	62	25	53		
7	02	23	27	24	27	38	26	38	25	44	25	46	25	51	25	51	25	40	24	62	25	69	25	5
7	03	05	27	13	27	24	26	31	26	30	26	27	26	29	27	32	27	36	26	47	27	58	27	4
7	03	11	30	08	30	12	30	27	30	21	29	21	29	24	30	24	29	28	30	34	29	45	28	3
7	03	17	34	10	34	19	33	20	35	23	33	19	33	30	31	25	31	26	32	27	32	43	30	3
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7	04	17	12	08	10	07	10	10	07	04	02	04	09	09	09	07	29	18	32	40	31	40		
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7	05	05	15	22	16	21	16	21	15	20	16	17	17	15	12	08	09	06	03	08	32	08	24	
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7	06	05	17	15	18	19	18	18	17	20	17	20	16	23	17	26	16	55	16	62	17	59	19	
7	06	11	18	08	17	13	18	10	16	14	16	16	15	14	14	40	15	46	15	49	15	61	17	
7	06	17	20	04	20	09	20	12	21	11	15	13	16	17	18	20	18	31	17	39	16	36	20	
7	06	23	00	00	00	00	21	20	21	01	18	10	18	14	19	21	18	25	18	27	15	34	20	
7	07	05	00	00	25	07	25	09	18	03	21	04	17	06	18	09	17	14	15	16	13	19	18	
7	07	11	32	06	30	10	32	06	29	06	26	03	33	04	35	01	07	05	09	03	07	15	19	
7	07	17	32	14	32	31	31	15	30	10	33	14	32	12	33	10	35	13	02	12	09	11	25	
7	07	23	34	15	31	18	30	21	30	14	31	18	30	21	32	20	35	20	36	22	36	32	28	
7	08	05	22	10	22	25	23	25	25	25	24	21	29	32	33	36	33	38	34	38	34	37		
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7	08	17	19	08	18	18	18	20	18	21	18	15	16	23	15	24	14	21	16	38	14	47		
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7	09	05	99	01	23	10	21	11	18	19	17	21	16	21	16	24	16	26	15	40	15	61	16	
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7	09	17	23	12	23	20	22	20	20	12	19	15	22	17	20	22	20	32	19	37	18	35	17	
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7	10	05	28	12	26	20	24	12	26	21	26	17	24	28	23	26	24	28	24	30	25	28	26	
7	10	11	30	12	28	20	29	22	29	32	27	25	25	25	23	23	24	31	25	32	24	32	26	
7	10	17	28	20	27	27	28	26	28	28	28	20	27	19	27	26	26	31	27	40	28	39	27	
7	10	23	30	18	28	25	27	18	27	22	26	28	27	27	29	34	29	35	28	46	28	57	28	
7	11	05	30	22	28	31	29	26	29	31	29	31	28	38	28	41	29	42	28	58				
7	11	11	29	25	29	38	29	38	29	40	28	35	28	52	29	58	29	59	29	69	29	72		
7	11	17	31	29	29	45	28	50	27	53	28	54	28	57	28	68	29	74	29	70	29	78		
7	11	23	25	18	23	35	24	34	25	36	25	37	26	51	27	68	28	81	28	91	28	84	27	

Results of Upper Wind Observations, MACQUARIE 1965

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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12	11	27	25	25	28	25	33	25	29	23	34	23	40	23	50	24	54	24	60	25	68	24	62
12	17	29	29	28	31	28	37	26	40	26	42	25	45	24	45	25	50	24	58	23	59	23	59
12	23	30	26	27	42	26	47	25	46	25	47	25	44	24	45	23	44	23	48	20	57	20	57
13	05	30	26	28	44	26	49	26	43	26	41	26	46	23	35	24	35	23	36	22	37	20	47
13	11	28	25	27	36	26	48	26	41	26	42	26	39	27	44	28	38	28	44	26	35	26	42
13	17	28	25	28	43	27	45	26	39	27	46	27	51	28	59	28	59	29	64	29	69	29	73
13	23	27	13	26	23	26	25	26	28	26	29	25	30	27	36	26	37	27	53	28	74	28	71
14	05	32	10	31	20	30	23	28	39	29	28	31	22	30	26	29	39	29	50	28	61	28	60
14	11	32	25	32	36	31	42	31	35	31	30	30	30	31	36	30	34	30	49	30	62		
14	17	31	24	31	31	30	43	30	40	31	43	31	42	31	41	31	56	31	60	32	56	31	66
14	23	30	18	29	22	30	20	32	26	33	29	34	36	33	49	34	83	34	80	34	87		
15	05	32	28	28	38	29	36	29	35	30	35	30	39	31	42	31	36	31	38	31	51		
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16	05	34	21	32	29	30	38	30	31	29	35	31	50	30	39	29	47	30	53	30	55		
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16	17	19	12	19	18	20	25	22	20	24	16	24	25	27	28	27	32	28	30	29	40		
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17	23	35	25																				
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18	11	32	35	30	48	28	60	28	53	28	58	28	62	28	74	28	94						
18	17	31	18	29	37	29	41	29	55	29	48	29	67	29	85	28	97						
18	23	28	30	27	56	27	49	29	48	28	65	29	71	28	58	29	99	29	115	29	131	30	89
19	05	26	25	25	34	26	42	26	44	26	48	26	46	28	54	28	63	30	74	29	82	30	70
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23	23	33	13	32	21	32	28	32	33	32	27	33	30	30	28	29	23	27	27	25	40	27	39
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24	23	33	25	30	43	29	44	31	48	30	49	30	48	29	52	30	65	30	86	30	102	30	84
25	05	30	12	28	20	29	24	29	28	28	32	30	43	30	51	30	64	29	81	29	108	30	85
25	11	34	12	34	19	35	26	33	25	32	35	31	42	31	42	30	48	31	74	30	91	30	73
25	17	34	24	24	42	33	42	33	43	32	36	32	41	32	40	32	46	32	76				
25	23	22	19	23	26	23	21	23	17	26	23	33	42	34	52	35	58	35	60	33	59	32	53
26	05	27	14	26	25	26	27	25	27	26	28	26	34	26	45	27	47	30	47	30	46	31	48
26	11	35	19	35	26	34	28	32	37	31	30	29	40	28	37	28	53	27	60	28	45	29	51
26	17	32	26	32	44	32	51	32	46	31	53	31	52	31	52	31	47	31	60				
26	23	33	17	31	27	31	26	31	31	31	32	31	48	31	60	31	66	31	80	31	89	29	73
27	05	30	10	31	27	32	38	32	51	32	56	32	53	32	60	31	69	31	66	32	68		
27	11	29	20	29	24	32	26	32	35	32	37	32	47	33	69	32	77	33	93	32	88		
27	17	30	10	28	16	28	17	28	16	30	23	31	33	32	49	33	81	35	91	34	75		
27	23	30	16	29	21	29	18	28	14	28	20	29	23	33	33	34	64	33	52	33	52	31	55
28	05	32	12	31	17	31	17	32	16	33	15	34	14	29	20	29	30	31	33	31	48	31	56
28	11	36	10	36	14	36	21	35	18	35	22	35	21	33	22	31	33	33	42	32	49	31	57
28	17	36	04	02	28	02	21	02	27	01	31	35	25	35	33	36	55	34	55	32	43	32	48
28	23	29	14	28	23	28	21	28	25	29	27	29	21	35	29	01	42	35	37	31	29	29	33
29	05	30	20	29	26	28	26	28	24	28	23	29	22	26	28	27	24	27	25	28	27	28	37
29	11	27	10	27	27	27	15	29	13	26	14	26	11	26	24	27	15	26	22	27	31	27	33
29	17	26	12	26	23	26	22	26	22	26	26	25	29	27	27	26	21	25	28	24	32	25	31
29	23	18	14	20	30	19	28	20	30	19	29	20	37	19	61	19	73	20	86	21	78	23	47
30	05	20	10	22	23	22	29	21	32	22	40	21	44	20	59	21	68	21	97	21	91	21	60
30	11	26	17	25	28	24	29	22	37	22	37	22	36	23	44	22	59	22	72	23	86	23	73
30	17	24	25	24	31	24	33	24	35	24	41	24	52	24	57	24	58	23	80	24	82	24	80
30	23	29	08	28	18	27	26	25	35	25	39	24	46	24	55	23	64	24	73	24	80	25	76
31	05	26	20	26	30	25	36	25	35	25	38	25	45	25	53	24	62	25	64	24	68	25	58
31	11	26	12	26	24	25	26	25	23	24	20	26	35	25	42	25	47	25	54	28	55	25	56
31	17	31	15	30	24	29	26	29	24	29	26	29	32	27	29	26	36	25	48	25	48	26	52
31	23	32	15	30	29	29	30	29	29	27	35	27	33	28	29	26	34	26	34	25	39	25	39
32	05	33	18	31	31	29	29	28	21	30	25	28	30	27	24	23	19	21	17	20	19	24	26
32	11	33	18	31	36	31	33	33	32	33	34	31	31	31	24	30	15	35	14	36	14	34	14
32	17	33	25	33	42	32	42	31	41	30	38	31	34	32	39	32	39	33	33	32	33	31	38
32	23	34	25	33	44	32	46	32	41	33	44	33	41	33	50	33	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Results of Upper Wind Observations,
MACQUARIE 1965

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
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10
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8	02	11	34	30	34	50	33	49	32	49	32	47	32	49	31	43	31	51	32	60	32	60	34
8	02	17	33	25	34	49	32	48	32	54	33	43	32	44	32	50	31	50	31	45	30	43	31
8	02	23	34	30	34	50	33	62	33	55	32	56	33	54	32	54	32	53	32	54	31	56	31
8	03	05	34	36	34	59	32	63	32	67	33	66	31	67	32	61	32	72	31	70	31	74	
8	03	11	32	25	32	43	30	51	31	55	32	66	31	78	31	83	31	78	31	91			
8	03	17	28	20	28	30	28	30	29	41	29	46	31	68	31	77	30	77	31	94	31	102	
8	03	23	29	12	28	20	29	22	29	31	28	31	30	55	30	70	30	78	30	96	30	105	30
8	04	05	28	04	31	08	31	13	31	23	30	35	31	42	30	58	30	59	30	95	31	98	31
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8	04	17	15	04	15	02	12	09			31	17	30	48	30	40	30	41	31	45	30	51	
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8	05	17	31	24	31	39	30	43	29	41	30	52	30	54	30	57	30	64	31	66	30	80	
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8	06	05	28	25	26	35	25	39	25	37	25	40	26	46	25	68	25	92	26	80	26	78	
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8	06	17	28	15	28	26	28	26	27	24	27	31	28	49	27	52	27	69	27	66	27	77	
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8	07	05	15	26	16	26	20	13	21	09	21	19	23	29	25	48	27	48	27	65	28	51	29
8	07	11	13	12	14	15	12	16	14	18	15	19	16	23	17	29	15	38	16	43	18	44	
8	07	17	00	00	34	09	03	08	03	06	14	01	22	10	25	14	24	20	22	19	20	31	20
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8	08	17	32	14	30	28	31	38	31	41	31	46	30	45	29	62	29	70	29	75			
8	08	23	29	18	27	28	26	28	28	33	28	40	29	48	29	54	29	69	31	82	31	84	30
8	09	05	17	18	17	25	18	22	21	12	27	23	27	33	27	39	28	41	30	53	30	76	29
8	09	11	14	16			16	14	14	14	14	13	26	19	26	33	27	41	28	43	28	43	
8	09	17	15	06			10	06	08	06	06	05	26	20	26	26	27	30	28	36	29	37	
8	09	23	33	09	32	13	34	11	33	14	32	14	26	20	28	35	29	36	28	34	27	34	28
8	10	05	29	25	28	28	29	27	29	29	28	39	28	39	28	42	29	51	29	48			
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8	10	17	31	28	29	41	29	44	28	48	28	52	28	60	28	62	28	60	27	65	27	63	27
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8	11	17	25	22	24	30	24	36	24	35	24	47	23	63	22	85	22	96					
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8	14	23	17	17	17	25	17	22	15	10	25	09	27	09	36	11	35	13	34	07	08	02	27
8	15	05	18	14	17	17	16	12	22	12	26	07	27	09	22	04	12	20	13	30	14	37	17
8	15	11	18	02	19	06	20	07	19	10	20	06	15	06	12	31	13	36	13	51	14	59	16
8	15	17	18	06	19	14	19	09	18	12	18	07	12	05	14	22	13	30	15	40	15	42	15
8	15	23	18	04	21	10	20	11	18	11	16	15	14	19	15	20	15	25	16	35	16	33	18
8	16	05	23	04	22	07	20	10	17	14	16	20	15	25	15	29	19	33	15	34	15	29	19
8	16	11	00	00	20	10	20	08	15	16	16	23	16	28	15	25	14	34	14	39	15	45	15
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8	17	05	16	06	16	08	13	18	13	16	12	20	12	29	13	25	15	28	13	34	13	33	13
8	17	11	16	10	13	16	13	17	13	16	13	21	13	22	14	16	12	26	11	30	11	35	11
8	17	17	15	16	15	24	15	13	18	14	16	15	16	18	14	18	12	18	11	28	10	32	09
8	17	23	16	20	15	23	16	24	17	28	17	22	16	20	14	19	11	19	11	27	09	30	08
8	18	05	15	22	15	23	15	24	15	23	16	22	15	21	13	22	11	14	09	23	09	27	06
8	18	11	14	20	14	24	13	25	13	23	13	20	13	20	11	17	11	10	08	24	08	22	04
8	18	17	14	18	14	21	13	14	15	10	13	18	12	24	12	11	07	10	06	26	05	13	35
8	18	23	13	22	13	23	11	20	11	16	11	15	12	21	14	08	07	11	05	19	03	13	32
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8	19	17	12	20	12	19	11	22	12	16	13	15	11	08	13	04	15	01	11	04	06	07	30
8	19	23	13	22	12	25	11	22	13	09	16	07	16	05	19	08	14	07	12	09	09	07	26
8	20	05	14	21	13	22	12	22	15	10	18	13	19	10	16	05	16	04	15	05	15	04	27
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8	20	17	13	10	13	11	11	12	09	13	09	10	10	12	12	09	18	05	20	09	22	09	
8	20	23	23	02	19	05	20	01	03	04	05	03	08	03	17	06	18	15	20	21	20	18	21
8	21	05	26	08	26	16	26	16	30	17	29	18	27	15	25	15	22	26	22	30	22	35	23
8	21	11	27	12	26	17	24	19	23	19	23	20	24	29	21	32	22	36	20	40	31	42	22
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8	21	23	00	00	22	16	21	16	21	18	20	21	20	22	17	24	18	36	18	32	16	24	19
8	22	05	25	20	23	18	22	16	20	18	20	19	22	30	21	26	20	32	20	39	20	34	20
8	22	11	26	25	25	29	23	32	23	33	23	29	20	28	21	35	20	39	19	25	14	20	16
8	22	17	26	16	24	25	22	23	21	27	20	26	21	24	19	17	19	21	20	18	17	14	18
8	22	23	24	14	22	14	20	20	21	22	21	20	23	16	21	18	23	14	24	11	27	10	23
8	23	05	26	04	23	11	25	17	24	11	26	19	25	17	23	18	23	13	26	17	27	21	26
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8	23	17	30	19	20	25	30	24	30	26	31	26	31	32	31	35	32	34	32	40	31	41	30
8	23	23	34	20	22	26	30	26	31	28	31	29	31	30	32	41	32	46	31	34	31	43	25

Results of Upper Wind Observations,
MACQUARIE 1965

TH	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
	24	05	34	24	32	35	31	35	30	32	30	31	30	34	30	33	27	31	22	22	25	23	25	27
	24	11	33	24	33	42	32	38	32	34	31	37	30	34	28	26	07	04	08	06	22	11	23	28
	24	17	33	25	33	39	32	40	32	42	32	41	32	37	31	29	32	22	32	22	30	20	28	30
	24	23	34	27	34	45	33	49	33	45	33	45	32	44	32	34	33	28	32	20	28	16	30	24
	25	05	34	30	33	49	33	53	32	42	32	37	33	46	32	40	32	40	32	37	33	32	30	34
	25	11	35	30	34	51	33	59	33	52	32	51	32	45	32	45	32	48	32	53	30	36	31	45
	25	17	33	43			32	65	31	67	32	60	31	64	31	70	33	66						
	25	23	31	32	28	46	27	53	28	50	28	49	27	60	28	62	27	80	27	80	27	99	28	77
	26	05	33	22	30	39	29	47	29	49	29	51	28	54	27	81	26	105	25	129				
	26	11	31	22	32	30	30	37	28	42	29	48	29	47	28	56	28	60	27	64	27	70	27	82
	26	17	32	25	32	40	31	46	29	50	30	44	29	56	30	58	29	62	29	65	29	76		
	26	23	32	36	31	60	30	62	29	61	30	71	29	76	31	79	31	91	31	96	31	118		
	27	05	27	34	26	40	27	36	27	52	28	45	29	62	30	72	30	72	29	85	30	104		
	27	11	26	15	26	25	26	24	27	31	27	27	27	33	27	53	27	72	26	70	28	70	28	78
	27	17	29	15	28	20	27	21	27	22	26	26	26	28	27	42	27	53	26	51	25	54	28	68
	27	23	34	22	32	33	32	34	31	36	31	37	30	35	29	46	28	58	27	74	28	65	28	82
	28	05	34	33	34	45	32	57	32	61	30	58	30	61	30	62	30	57	30	75				
	28	11	31	32	30	45	29	52	28	52	28	56	29	56	29	64	29	88	29	88				
	28	17	31	26			28	43	28	46	28	47	28	48	28	51	28	45	29	70	29	80	28	84
	28	23	30	22	27	34	28	45	27	50	28	46	28	42	27	49	29	51	29	51	29	62	29	71
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	30	05	27	35	27	45	26	47	26	61	26	51	25	58	26	60	27	87	26	90	26	98		
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	30	17	26	20	23	43	23	53	23	55	23	54	24	53	23	52	25	63	23	73				
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	01	05	32	28	30	53	29	63	29	65	30	62	29	72	29	69	29	72	30	67	29	80		
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	01	23																						
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	03	05	32	34	30	47	29	48	28	52	29	50	29	53	28	60	28	56	28	84				
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Results of Upper Wind Observations,
MACQUARIE 1965

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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9	16	11	36	04					01	25	01	26	36	28	35	29	33	35	33	39	33	48	32	50
9	16	17	36	04			02	36	02	37	01	31	35	28	35	35	36	33	36	33	34	38	33	53
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Results of Upper Wind Observations,
MACQUARIE 1965

TH	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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	06	05	28	31	26	48	25	54	26	42	26	52	26	62	26	74	26	62	26	81				
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	13	23	33	30	31	52	30	58	30	59	31	52	30	67	30	85	30	88	30	86	30	81	31	87
	14	05	34	22	31	40	31	40	31	55	31	65	31	74	30	92	31	99	32	95				
	14	11	23	10	23	22	28	24	30	35	30	56	30	72	31	94	31	110						
	14	17	30	26	28	18	28	15	28	16	27	21	26	26	30	75	30	106	30	112				
	14	23	35	18	32	35	32	37	31	36	31	40	30	41	31	62	31	85	31	110	31	109	31	101
	15	05	28	12	27	21	28	29	29	31	30	35	31	46	30	59	31	95	31	109	31	108		
	15	11	18	10	17	17	21	22	22	23	23	20	29	15	33	36	33	62	32	85	31	88		
	15	17	20	08			21	22	22	15	23	25	25	30	28	35	26	36	26	57	27	41		
	15	23	30	15	29	21	29	18	27	26	28	28	26	34	23	65	20	73	21	80	20	80	23	57
	16	05	31	28	30	39	30	28	29	39	26	38	26	44	25	49	26	51	26	61	25	68		
	16	11	27	30	26	42	26	40	26	42	26	43	27	43	28	56	29	60	28	71	28	71		
	16	17	27	30	24	34	24	30	24	36	24	38	24	43	23	62	23	63	21	88				
	16	23	28	24	24	32	24	33	23	41	23	47	21	49	22	60	21	69	22	77	22	84	23	69
	17	05	29	21	28	34	26	40	25	39	25	41	24	44	24	61	24	66	23	65	23	81	23	85
	17	11	27	19	27	43	26	44	25	43	25	39	25	49	24	59	24	71	23	78	23	95		
	17	17	29	20	27	40	26	42	24	53	25	50	25	50	26	57	25	70	24	78	24	80		
	17	23	30	29	28	48	27	52	27	59	26	55	26	54	26	64	26	78	26	89	26	99	25	103
	18	05	28	22	26	44	26	55	26	61	26	65	26	64	26	62	26	66						
	18	11	28	22	26	49	26	49	25	53	26	58	26	62	26	72	26	72	26	94				
	18	17	30	22	28	43	27	46	27	48	27	50	26	56	26	77	26	77	26	85	27	102		
	18	23	29	30	27	48	26	58	26	55	26	58	27	67	27	78	27	87	27	102	28	107	27	90
	19	05	28	20	27	37	26	37	26	49	27	51	26	59	27	74	27	67	27	63	27	84	27	87
	19	11	13	32	30	34	28	34	28	41	27	47	27	60	27	78	26	75	26	76				
	19	17	31	14	29	34	28	38	28	37	29	48	29	53	29	64	29	71	28	67				
	19	23	32	34	31	60	30	66	30	57	31	59	30	69	31	79	30	85	30	87	30	85	28	92
	20	05	30	32	29	49	28	57	28	60	27	54	28	49	29	55	30	71	30	70	30	74		
	20	11	26	36	25	55	25	55	25	63	25	56	26	60	26	54	26	75	26	77				
	20	17	27	15	25	28	26	28	26	34	26	36	27	48	28	61	26	87	26	104				
	20	23	26	24	25	42	26	47	26	50	25	52	26	61	25	90	25	124	25	128	26	120	26	107
	21	05	27	28	26	37	26	44	26	51	27	50	26	70	26	93	26	123						
	21	11	32	25	34	36	33	50	31	54	30	46	29	57	27	81	28	96						
	21	17	32	35	32	67	30	70	29	69	28	90	29	88	30	98	30	111						
	21	23	26	38	25	54	25	57	26	62	26	55	27	54	27	62	28	77	28	80	29	99	29	104
	22	05	26	28	25	43	24	43	25	46	25	45	25	43	26	50	26	60	27	71	27	87	27	100
	22	11	23	18	23	43	23	42	23	43	24	48	25	47	23	53	24	52	25	94	26	80	26	68
	22	17	27	17	25	43	25	40	24	40	25	43	26	53	25	56	25	63	25	79	25	82		
	22	23	26	38	25	42	25	55	25	52	25	52	25	46	23	65	23	82	24	88	25	108	25	96
	23	05	27	30	25	44	25	49	25	56	25	47	24	44	24	60	24	80	25	63	26	84		
	23	11	26	28	26	42	26	41	26	41	26	45	24	51	24	69	23	90	23	91				
	23	17	27	20	24	27	25	38	25	30	25	29	23	42	23	56	23	68	23	77	23	88	23	84
	23	23	26	08	24	11	04	14	25	17	24	20	23	32	24	39	24	48	23	59	24	58	24	62
	24	05	32	02	30	06	24	05	25	06	25	07	25	14	24	23	25	27	26	32	27	34	29	37
	24	11	04	05			01	10	35	17	34	12	34	07	32	14	31	19	30	25	30	28	29	34
	24	17	09	10					04	15	03	15	01	26	33	22	33	22	32	30	30	46		
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	25	05	30	04	32	18	31	20	31	21	32	17	32	19	30	19	30	26	31	18				
	25	11	31	15	31	25	31	25	31	20	29	23	29	23	31	26	31	20	29	27	29	32	29	40
	25	17	29	26	27	38	28	33	29	30	30	27	29	31	29	33	29	34	30	39	30	44	29	46
	25	23	27	28	26	45	25	46	25	36	26	29	26	37	27	34	28	34	27	49	27	46	29	47
	26	05	30	15	27	28	27	32	27	29	27	30	27	31	26	42	26	53	28	51	28	58	28	55
	26	11	30	10	30	15	30	10	28	10	28	14	28	19	28	37	27	48	27	61	27	61	28	61
	26	17	34	08	33	22	34	31	35	25	33	25	32	29	31	38	30	42	30	56	29	63	29	56
	26	23	32	21	29	33	28	30	30	36	31	34	31	33	33	46	34	56	33	60	31	52	30	52

Results of Upper Wind Observations,
MACQUARIE 1965

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
0	27	05	27	22	26	32	26	33	26	34	27	33	27	39	30	44	30	46	30	45	30	51	29	59
0	27	11	29	24	28	33	27	38	27	37	27	38	27	40	27	61	26	67	27	63	27	59	28	70
0	27	17	29	22	28	31	28	33	27	35	29	41	26	49	26	77	25	81	25	83	26	79	26	74
0	27	23	32	26	32	35	31	38	29	37	28	46	27	53	27	69	26	80	25	95	25	92	26	81
0	28	05	30	24	28	41	27	50	27	51	26	54	26	59	26	66	26	69	26	72	26	76	27	81
0	28	11	30	30	30	44	29	51	29	52	29	46	29	51	29	57	28	57	28	64	28	71	28	74
0	28	17	30	35	31	49	29	56	29	54	30	51	30	53	31	63	31	66	30	68	29	60		
0	28	23	30	30	29	43	28	48	27	56	29	61	28	63	28	64	28	82	28	88	27	70	27	65
0	29	05	29	34	29	48	28	57	27	56	27	58	27	64	27	84	27	96	27	106				
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0	29	17	30	30	29	46	28	51	27	50	28	50	27	43	27	60	27	103	27	124	27	119		
0	29	23	29	28	29	42	27	46	27	45	28	49	28	51	28	59	28	81	28	106	28	90	28	76
0	30	05	30	26	28	42	27	40	27	40	27	40	26	36	27	36	27	47	28	78	28	82	28	80
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0	30	17	27	20	27	34	27	37	27	38	27	40	28	40	28	47	29	55	29	57	28	57		
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0	31	05	18	14	21	24	21	27	21	23	22	19	24	23	22	22	20	24	22	28	23	35	23	40
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0	31	23	28	22	28	25	27	38	25	39	25	43	24	44	23	53	22	71	23	85	23	94	23	51
11	01	05	26	32	24	45	25	48	24	51	25	53	24	60	24	71	24	74	23	73				
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11	01	17	26	22	25	32	24	31	25	41	24	50	25	66	24	64	24	77	24	94	24	100		
11	01	23	26	20	26	27	25	33	25	39	25	42	25	59	25	71	25	80	25	94	25	99	25	74
11	02	05	27	20	27	29	27	33	26	35	26	40	26	54	26	61	26	73	25	93	25	110	26	88
11	02	11	28	19	29	22	28	25	28	26	27	38	27	41	28	48	28	58	28	71	28	88		
11	02	17	32	12	31	20	30	27	29	30	29	27	28	51	28	45	28	55	28	63	29	79	29	73
11	02	23	33	20	34	40	34	37	33	35	32	40	32	47	30	40	31	48	31	50	30	56	29	68
11	03	05	33	13	34	36	32	37	32	38	31	37	31	37	31	39	31	45	32	52	32	52	33	61
11	03	11	25	29	25	40	24	36	25	41	25	37	27	48	26	48	29	48	30	57	31	60		
11	03	17	25	26	26	44	26	44	26	31	28	44	29	69	28	77	29	90	29	105	29	81		
11	03	23	30	20	31	30	31	33	30	37	30	39	28	43	29	54	28	70	26	64	26	74	26	60
11	04	05	26	18	27	31	26	34	27	37	28	46	28	53	26	60	25	66	24	65	24	69	26	65
11	04	11	27	12	28	16	28	25	28	30	27	41	27	51	27	55	25	56	25	51	24	60	25	56
11	04	17	31	15	30	19	30	23	29	44	28	48	28	58	28	50	27	43	27	50	25	47	26	47
11	04	23	32	20	30	36	30	37	30	44	30	43	30	44	29	56	28	40	29	44	29	49	28	43
11	05	05	32	16	30	34	29	35	30	40	30	42	30	42	30	57	30	32	30	37	29	34	27	35
11	05	11	32	16	31	35	31	40	31	42	31	43	30	42	30	31	31	31	30	33	29	33	27	36
11	05	17	31	13	31	33	30	37	31	46	30	51	31	54	31	43	30	48	30	50	29	41		
11	05	23	32	10	28	24	27	24	29	27	30	33	30	37	30	42	30	58	30	55	31	65	30	51
11	06	05	16	17	17	18	21	18	29	22	28	29	29	31	29	32	29	35	29	54	30	58	29	53
11	06	11	18	08	19	15	19	21	23	21	24	12	27	25	27	33	28	40	28	40	29	30	28	46
11	06	17	18	05	19	12	19	11	22	15	24	14	28	14	24	28	24	29	24	27	23	26	27	44
11	06	23	16	08	20	12	21	11	23	16	25	16	25	23	27	30	25	28	25	31	26	27	27	38
11	07	05	23	08	22	14	20	14	23	12	22	12	24	20	26	22	27	37	26	32	26	32	26	31
11	07	11	99	00			12	02	25	04	20	06	24	08	26	15	26	19	26	19	26	24	25	24
11	07	17	32	10	33	14	34	15	01	08	32	14	33	11	30	25	30	21	29	12	29	11	26	10
11	07	23	34	18	35	21	34	23	34	22	34	23	34	21	33	30	31	24	31	21	29	15	26	18
11	08	05	35	15	35	29	34	32	34	38	34	30	33	31	33	42	33	30	29	20	25	14	27	12
11	08	11	34	18	35	31	33	21	33	21	33	31	34	34	35	40	34	20	27	17	27	18	26	28
11	08	17	35	15	35	32	34	34	24	31	32	20	33	21	32	28	32	25	30	19	26	20	27	28
11	08	23	36	25	36	37	35	37	36	31	35	34	35	34	34	34	33	24	31	26	30	28	30	40
11	09	05	36	30	01	41	36	42	36	45	34	37	35	41	35	32	34	25	30	14	29	21	31	23
11	09	11	36	25	02	43	01	52	35	44	35	50	35	47	35	40	35	37	01	39	02	30		
11	09	17	34	24	01	36	36	44	36	37	35	44	36	46	36	47	35	40	35	46	34	44	35	37
11	09	23	34	18	01	37	36	37	36	36	36	44	35	49	36	48	35	44	36	44	33	53	34	49
11	10	05	01	20	35	38	33	26	35	36	35	46	35	44	36	52	36	61	35	71	33	86		
11	10	11	36	20	36	34	36	28	35	34	36	47	36	50	35	59	35	86	35	86	34	97		
11	10	17	36	18	35	38	35	30	35	35	33	33	33	36	36	63	35	77	35	98				
11	10	23	35	18	34	35	35	37	35	44	35	35	36	31	36	49	36	72	36	100	35	106	35	75
11	11	05	30	06	32	15	33	18	33	12	28	16	01	28	36	55	36	68	01	86	01	106	35	65
11	11	11	20	18	19	27	21	24	21	22	26	11	24	12	01	23	01	49	02	81	02	99	36	56
11	11	17	27	20	25	25	25	28	27	28	28	36	29	24	30	23	02	19	02	38	02	44	36	42
11	11	23	27	15	27	19	28	25	29	22	29	24	30	39	32	47	33	47	33	29	33	24	33	36
11	12	05	29	14	30	18	30	19	29	22	29	24	30	28	27	32	26	21	27	39	31	38	31	28
11	12	11	33	14	33	18	32	19	30	21	30	24	29	22	31	32	32	43	32	45	31	38	31	29
11	12	17	33	19	33	27	31	30	32	24	32	27	32	29	32	44	33	53	32	50	32	47		
11	12	23	27	15	26	21	27	17	27	14	27	16	30	16	33	29	34	37	33	49	32	31	30	24
11	13	05	27	20	24	27	25	30	25	23	25	23	25	28	23	26	31	23	30	24	27	11		
11	13	11	26	18	25	26	23	37	23	34	23	37	22	56	22	55	21	68	21	60	23	36	24	35
11	13	17	27	26	24	33	23	35	23	34	22	39	22	58	21	70	21	78	21	81	22	64	24	43
11	13	23	29	18	29	25	27	33	27	32	26	33	25	38	24	41	24	55	24	78	24	86	24	74
11	14	05	32	18	28	30	28	29	28	27	28	36	29	32	28	37	27	49	26	68	26	86	26	72
11	14	11	33	21	31	33	31	41	30	40	30	42	29	48	29	50	28	57	28	60	28	90	28	72
11	14	17	27	42	26	60	25	61	26	60	26	60	27	67	28	67	28	80	28	79	29	61		
11	14	23	26	26	26	30	25	35	25	34	26	40	27	40	27	52	28	65	28	68	28	64	28	58
11	15	05	27	30	25	35	24	34	23	47	24	34	24	47	24	65	24	64						
11	15	11	27	18	25	30	25	37	25	31	25	28	25	32	26	44	27	52	28	56	27	57	27	47
11	15	17	30	18	29	21	28	22	28	20	27	10	26	14	27	30	28	43	29	57	29	58	29	50
11	15	23	34	13	32	22	34	24	34	24	33	18	33	12	26	35	29	30	29	38	30	52	31	50
11	16	05	34	20	34	33	33	29	32	40	31	30	31	31	31	33	29	40	31	58	31	55	31	44
11	16	11	29	21	29	24	27	31	28	31	29	30	30	41	31	47	31	54	51	52	29	42	29	40
11	16	17	29	24	28	26	28	33	28	30	28	30	29	34	27	37	25	36	25	40	25	41	25	44

Results of Upper Wind Observations,
MACQUARIE 1965

NTH	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
1	17	05	28	28	27	42	25	50	26	43	26	38	27	38	27	44	27	45	28	47	27	49	27	50
1	17	11	26	26	26	37	27	38	27	35	27	36	27	42	26	56	26	79	27	75	27	58		
1	17	17	26	24	25	35	25	44	26	52	26	42	27	40	27	43	28	44	28	48				
1	17	23	26	24	26	23	25	30	27	30	27	27	26	34	35	28	26	42	25	42	26	42	26	45
1	18	05	18	16	21	29	21	33	21	31	22	32	23	34	24	40	22	43	22	46	24	46	24	50
1	18	11	20	14	21	19	21	30	22	30	23	33	24	28	22	39	21	47	21	52	22	56	22	52
1	18	17	18	20			22	18	22	24	23	25	22	36	21	50	21	74	21	72	21	74	21	69
1	18	23	18	16	21	28	21	28	21	30	22	39	21	50	20	73	20	99	20	114	20	115	21	89
1	19	05	18	15	22	24	22	25	21	28	20	32	20	47	21	60	21	67	21	78	21	90	20	84
1	19	11	23	06	22	10	22	12	22	23	21	34	20	33	20	38	21	57	20	60	20	70	20	80
1	19	17	27	15	27	20	27	22	26	18	24	20	25	23	24	30	22	34	22	44	22	53	21	58
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1	20	05	33	22	32	33	31	31	30	29	30	30	29	31	29	33	28	35	25	38	24	45	24	43
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1	20	17	33	28	34	45	33	51	33	50	33	44	32	36	32	29	33	39	32	48	32	50	31	62
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1	22	11	30	25	29	35	27	47	27	49	27	59	27	56	27	80	27	101						
1	22	17	28	22	27	28	27	39	27	40	26	44	26	54	26	65	26	78	26	103				
1	22	23	32	18	32	24	31	24	30	44	29	43	29	42	29	54	27	61	27	84	27	100	27	71
1	23	05	33	22	31	42	29	45	29	38	30	43	28	49	29	62	29	74	29	71	29	83		
1	23	11	33	33	32	48	31	56	30	57	30	56	31	53	30	68	30	74	30	84				
1	23	17	29	30	28	49	28	47	29	50	29	59	30	66	30	78	30	88	30	117				
1	23	23	30	28	28	34	27	36	28	35	28	36	29	50	29	58	30	112	30	113	29	84	30	81
1	24	05	27	19	27	28	27	28	27	28	27	28	28	39	28	45	28	52	27	54	28	60	28	55
1	24	11	29	16	29	16	28	16	27	30	27	28	27	31	27	41	27	42	26	61	26	39	27	48
1	24	17	33	15	31	24	30	28	29	23	28	26	28	31	28	37	29	48	30	66	30	75	29	60
1	24	23	34	20	33	31	31	31	31	29	31	23	29	28	31	34	30	44	29	51	29	58	30	56
1	25	05	34	22	32	35	31	34	30	28	31	24	30	34	30	39	30	60	30	78	30	77	31	69
1	25	11	34	20	34	30	33	42	34	27	33	23	31	22	31	40	31	54	32	73	32	90	31	83
1	25	17	01	19	36	25	35	27	35	19	35	18	34	20	33	32	33	52	33	71	35	120	31	80
1	25	23	36	10	02	17	01	17	34	19	32	18	35	17	34	37	34	62	34	91	35	136	34	53
1	26	05	36	10	33	19	30	23	35	15	34	17	33	17	34	31	34	47	36	72	35	65	34	55
1	26	11	27	17	25	23	25	24	27	18	28	18	31	17	35	32	02	40	02	38	33	27	34	34
1	26	17	30	20	28	22	28	26	29	27	28	29	29	28	28	20	29	19	32	14	33	21	33	25
1	26	23	32	19	29	28	29	28	29	28	29	24	28	26	28	27	27	23	27	18	30	17	32	19
1	27	05	27	20	25	30	25	34	26	27	26	32	26	30	25	27	27	31	26	24	26	23	29	19
1	27	11	24	22	22	38	22	42	21	36	22	30	32	31	21	26	22	27	22	31	22	27	24	18
1	27	17	28	18	25	23	24	26	24	24	25	30	24	32	21	46	20	88	19	101	19	74		
1	27	23	27	10					23	32	23	33	21	59	20	83	19	93	19	94	19	101	19	80
1	28	05	27	15	25	17	24	19	24	23	22	40	22	48	21	56	21	66	21	84	21	94	21	92
1	28	11	25	12	25	19	24	32	22	35	22	41	22	48	23	50	23	68	23	80				
1	28	17	28	20	26	30	24	27	24	34	24	47	24	50	24	50	24	87	24	83	24	92		
1	28	23	29	25	26	43	25	43	26	37	26	45	25	54	25	63	25	88	25	91	25	102	25	90
1	29	05	27	20	25	29	24	41	25	40	24	45	25	55	25	67	25	74	24	69	24	78		
1	29	11	28	18	24	16	24	21	24	25	25	35	24	37	24	60	24	88	24	81				
1	29	17	27	23	26	28	26	31	26	36	26	42	35	49	26	64	26	73	26	84	26	90		
1	29	23	27	23	25	28	24	30	24	33	24	43	24	56	25	58	25	65	24	78	24	89	24	68
1	30	05	27	25	25	34	24	33	25	33	24	42	23	48	24	57	24	66	25	78	27	70	25	73
1	30	11	27	25	25	37	25	34	25	40	24	38	23	47	23	57	22	72	22	61				
1	30	17	27	27	25	40	24	36	23	43	23	39	22	59	22	73	23	61	22	81				
1	30	23	27	32	26	48	25	46	24	49	29	54	24	61	24	61	23	68	24	70	23	77	23	68
2	01	05	27	27	25	42	24	43	24	41	25	53	25	46	25	49	24	63	24	68	24	69	24	68
2	01	11	28	20	25	44	24	38	24	37	24	40	25	43	25	52	25	53	24	57	24	55		
2	01	17	28	25	26	40	25	50	25	39	24	41	24	44	24	45	24	48	24	47	24	51		
2	01	23	29	20	24	30	25	42	26	43	26	41	24	46	24	52	24	57	24	57	23	61	23	60
2	02	05	27	36	26	41	26	45	25	42	25	45	25	42	25	53	25	60	24	69	24	74	23	74
2	02	11	26	24	26	34	24	41	24	43	24	41	25	47	25	56	25	62	24	56	24	65	24	64
2	02	17	27	25	26	34	24	31	24	37	24	41	24	40	25	45	25	54	25	58	24	65	24	80
2	02	23	27	26	26	37	26	32	25	27	25	29	26	32	25	41	25	57	24	60	25	71	24	64
2	03	05	27	25	27	32	26	26	26	26	26	26	25	38	25	36	25	50	25	58	26	71	24	71
2	03	11	27	21	27	27	27	29	26	27	26	27	26	27	26	30	26	38	26	43	26	50	26	50
2	03	17	28	14	27	22	28	27	28	27	27	24	28	26	27	30	27	36	27	41	26	45	26	48
2	03	24	28	05	34	25	33	25	31	25	31	23	31	26	31	34	30	34	29	42	28	46	29	45
2	04	05	32	11	34	32	34	29	34	34	32	34	29	48	30	42	31	34	30	32	31	39	31	37
2	04	11	29	14	28	34	29	35	29	35	28	38	27	38	26	35	28	43	29	45				
2	04	17	24	10	24	29	25	32	27	32	27	34	28	37	29	42	29	46	30	58	30	58	29	56
2	04	23	30	16	29	32	28	34	29	40	29	33	28	40	29	41	29	46	30	56	30	58	30	60
2	05	05	27	26	26	40	27	34	27	40	28	39	28	39	29	41	29	44	29	48	29	50	29	48
2	05	11	25	26	25	30	25	34	26	35	26	39	26	46	26	49	26	51	27	54	27	45	28	46
2	05	17	26	24	25	37	24	40	25	40	25	40	24	43	24	52	25	58	25	60	26	53	26	48
2	05	23	26	29	26	35	26	40	26	41	25	44	25	51	25	51	25	66	24	80	24	84	25	66
2	06	05	28	25	26	45	25	61	23	59	25	53	25	60	26	66	25	68	25	83	25	84	25	82
2	06	11	27	23	26	43	25	48	24	53	24	54	24	58	26	69	24	71	24	78	24	82		
2	06	17	27	23	26	37	25	45	25	52	25	50	24	53	24	61	23	76	23	83	23	86		
2	06	23	27	30	26	48	24	53	24	52	24	54	24	56	24	54	23	67	24	74	24	81	24	78
2	07	05	27	25	25	38	25	43	25	41	25	42	25	38	25	48	25	57	25	57	25	62	25	76
2	07	11	26	18	26	24	24	33	25	36	26	35	25	32	26	34	26	40	26	55	25	82	26	86
2	07	17	28	10	28	20	28	26	28	30	27	31	27	24	27	33	26	38	26	50	26	62	25	[illegible]
2	07	23	34	12	34	20	32	25	33	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Results of Upper Wind Observations

MACQUARIE 1965

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	k
12	08	05	04	06	01	27	01	28	36	31	33	31	30	23	31	43	30	42	31	44	32	60	30	44
12	08	11	36	12			36	26	35	27	31	26	31	27	31	31	31	34	32	43	32	40	31	56
12	08	17	25	18	24	33	24	36	25	38	25	44	25	44	25	50	25	62	24	70	24	73	25	65
12	08	23	28	20	28	37	27	40	27	38	27	43	28	57	28	67	27	96	26	99	26	104	26	83
12	09	05	29	25	29	46	28	46	28	48	28	55	29	77	29	90	28	109	28	112	28	98		
12	09	11	29	26	28	43	26	46	27	50	26	55	26	58	27	70	28	90	28	114	28	130		
12	09	17	28	25	28	36	27	43	26	50	26	50	27	60	27	68	27	70	28	102	28	102		
12	09	23	30	23	27	39	26	43	27	40	27	48	27	48	28	60	28	82	28	90	28	88	28	81
12	10	05	29	19	27	35	26	39	27	42	27	49	26	51	27	64	27	75	27	77	26	64		
12	10	11	28	15	27	25	26	37	26	40	27	40	26	47	26	60	26	82	26	82	26	104	26	74
12	10	17	31	22	31	30	28	34	28	33	29	31	30	36	28	35	28	40	28	52	28	62	28	71
12	10	23	30	24	29	42	28	44	28	39	29	40	29	48	29	48	28	61	28	69	27	73	27	68
12	11	05	28	32	29	48	28	50	27	56	27	47	27	60	27	75	26	104	26	116				
12	11	11	27	23	27	40	26	46	26	44	25	40	25	39	25	56	26	72	25	101	26	105	26	104
12	11	17	27	20	27	35	27	38	27	39	27	43	27	51	27	60	25	72	26	81	26	99		
12	11	23	31	18	29	41	29	45	28	42	28	50	28	44	27	54	27	74	26	75	26	91	26	92
12	12	05	28	25	28	37	28	42	28	52	28	50	27	58	27	62	27	76	27	89				
12	12	11	27	16	27	28	27	37	28	34	29	44	29	50	28	65	28	95	28	100				
12	12	17	30	06	33	20	30	41	29	40	29	45	29	54	29	73	29	90	28	97	28	101	28	106
12	12	23	32	15	29	26	30	33	30	28	29	39	29	53	29	65	29	83	30	76	28	110	28	90
12	13	05	32	10	31	32	31	30	30	42	30	35	31	40	30	60	30	72	30	87	31	99		
12	13	11	35	18	35	40	33	44	34	31	34	40	34	51	33	62	33	58						
12	13	17	31	20	29	33	29	38	30	47	29	43	30	53	30	66	30	64	31	104				
12	13	23	32	15	30	36	30	40	32	34	31	29	31	37	32	46	31	78	32	87	32	87	32	78
12	14	05	18	26	21	31	20	31	22	31	24	29	27	31	29	32	30	40	30	54	31	54		
12	14	11	22	03			23	17	24	20	25	23	25	32	26	38	29	36	29	36	30	59	30	59
12	14	17	00	00	25	08	23	06	25	10	28	19	28	26	29	36	29	53	29	55	29	58	30	56
12	14	23	09	04	34	07	13	06	30	10	30	08	32	25	31	46	30	51	28	69	30	59	31	61
12	15	05	12	22	10	24	08	20	36	18	32	09	35	19	34	20	34	30	32	54	32	80	32	68
12	15	11	11	29	10	39	07	37	06	29	03	11	03	09	02	16	01	41	36	52				
12	15	17	11	34	11	41	09	33	08	24	07	19	07	12	07	15	05	28	03	33	35	46	34	45
12	15	23	14	34			12	37	12	19	14	09	19	07	17	04	10	20	09	22	36	30	36	35
12	16	05	16	40	16	53	14	30	19	16	31	19	22	07	20	04	11	05						
12	16	11	14	30	13	37	13	27	10	12	10	21	07	20	08	15								
12	16	17	14	39	15	47	15	38	15	33	16	23	13	13	11	05	18	10	18	11	20	05	27	04
12	16	23	17	30	17	34	18	35	19	37	19	34	19	23	22	18	19	32	19	36	20	18	22	12
12	17	05	16	22	17	24	18	28	20	28	19	28	20	34	20	04	20	40	20	36				
12	17	11	21	12			19	20	19	30	20	24	20	23	21	31	19	42	19	50	20	50		
12	17	17	18	17			19	13	20	19	20	24	21	28	22	45	21	70	20	78	20	84		
12	17	23	23	08	24	10	24	10	23	08	23	32	23	28	22	60	21	80	21	88	20	94	21	76
12	18	05	29	25	28	28	27	30	26	32	24	38	24	44	22	68	22	78						
12	18	11	26	25			23	52	26	44	24	44	24	62	23	60								
12	18	17	26	10	22	10	24	24	24	30	23	44	23	68	23	56	21	84	22	44				
12	18	23	31	06			25	14	24	22	23	30	23	50	22	60	22	64	23	84	23	94		
12	19	05	17	10			25	14	23	34	23	34	23	50	23	60	23	66	23	80	23	92	23	90
12	19	11	27	15					22	26	23	26	22	48	23	64	23	66	23	80	23	94		
12	19	17	27	10							23	34	23	42	23	48	23	60						
12	19	23	26	16	26	20	25	22	25	22	24	34	24	40	25	70	23	70	23	88	22	100	21	104
12	20	05	26	10	24	16	24	24	24	26	25	36	25	40	24	68	23	64						
12	20	11	27	10	26	12	25	14	23	12	23	32	23	54	23	66	23	78	23	80	22	90		
12	20	17	27	18	26	26	25	30	24	34	24	36	23	38	23	58	23	72	23	76				
12	20	23	27	12	27	26	25	30	24	36	23	34	22	40	23	46	23	62	23	68	23	74	23	84
12	21	05	27	25	27	40	27	36	27	40	26	40	24	38	25	38	25	48	24	48				
12	21	11	26	26					27	32	27	26	28	20	26	38	27	56	26	52	26	62	25	64
12	21	17	29	17	29	36	29	38	28	42	28	34	27	40	26	40	26	60	25	72	25	70	26	80
12	21	23	29	13	29	52	28	58	29	56	29	58	28	58	28	54	29	48	28	50	28	58	27	62
12	22	05	29	24	30	48	30	66	30	60	30	58	30	66	31	48	30	62						
12	22	11	30	25	28	46	28	52	30	62	30	66	30	78	30	84	30	90	30	88	30	98	30	81
12	22	17	29	23	28	40	27	40	27	54	28	58	28	64	29	78	29	118						
12	22	23	29	27	29	50	29	46	29	46	29	56	29	66	29	76	30	94	29	108	29	128		
12	23	05	30	24	28	40	27	52	27	52	27	44	27	52	27	72	29	88	28	126	28	140		
12	23	11	32	23	32	40	31	46	31	42	31	50	30	54	30	62	30	78	29	88	29	114	29	136
12	23	17	29	36	29	46	28	52	29	56	29	62	30	74	30	76	30	106	31	122				
12	23	23	32	25							28	55	28	58	29	60	30	38						
12	24	05	28	30	28	40	27	48	27	50	27	48	28	52	28	50	28	60	29	54	30	58	30	61
12	24	11	29	34	28	40	27	48	27	52	27	46	27	46	28	48	27	50	27	50	27	56	28	56
12	24	17	28	34	27	52	26	52	26	54	26	44	26	50	26	42	25	46	25	40	26	46		
12	24	23	26	27	26	44	26	44	25	40	26	44	26	40	26	40	26	46	26	46	26	60	27	4
12	25	05	27	23	27	46	26	34	26	32	26	48	27	44	26	60	27	70	28	40	28	48	27	4
12	25	11	29	14	28	16	28	28	28	24	28	36	27	36	27	38	28	44	28	50	28	38	28	2
12	25	17	22	08			24	13	21	18	24	20	25	24	28	36	29	40	29	50	28	18		
12	25	23	18	13	21	20	21	22	21	28	22	24	24	22	29	26	30	34	23	14	24	22	25	1
12	26	05	22	15	22	24	22	24	22	34	21	30	21	20	22	16	21	16	23	22	22	25		
12	26	11	23	14			21	24	21	22	21	24	20	20	21	14	23	20	23	18	23	26	23	2
12	26	17	21	17			21	24	22	30	23	28	21	19	22	18	21	24	21	18	23	16	23	1
12	26	23	18	18	21	29	21	29	21	22	21	20	21	26	22	18	20	18	20	19	19	18	22	1
12	27	05	19	11	21	18	21	18	21	28	21	33	22	26	21	18	21	14	18	13	18	12		
12	27	11	18	12	20	20	21	28	20	28	21	26	21	30	19	08	14	04	13	12	18	06	21	1
12	27	17	20	11			21	20	21	26	21	22	21	28	13	01	11	05	04	10	05	10	22	1
12	27	23	18	12			21	24	21	22	21	22	20	14	23	06	02	10	04	20	04	14	26	1
12	27	23	18	12			21	24	21	22	21	22	20	14	23	06	02	10	04	20	04	14	26	1
12	28	05	18	12	21	20	21	20	22	30	22	28	21	36	24	06	29	04	06	14	01	04	23	1
12	28	11	22	10					23	18	23	30	25	22	25	14	18	06	08	18	13	10	21	0
12	28	17	22	18					22	30	23	32	22	32	21	20	20	18	17	23	20	15	20	2
12	29	05	27	30	24	26	24	42	23	40	23	48	23	42	24	42	24	42	23	48				
12	29	11	26	30	24	40	24	42	24	40	24	38	23	36	24	32	24	36	25	30	25	36	24	3
12	29	17	26	27			25	38	24	34	24	36	25	32	24	41	25	43	24	62	25	52	25	5
12	29	23	26	24	26	32	26	32	26	36	26	33	26	34	25	50	25	56	25	70	25	68	26	5

Results of Upper Wind Observations,
MACQUARIE 1965

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
30	05	28	27	28	18	27	26	27	32	27	40	26	40	27	48	27	98	27	96	27	124		
30	11	35	09			35	14	33	24	32	26	30	32	29	48	29	66	28	86	29	108	28	96
30	17																						
30	23	30	16	28	26	30	26	32	22	32	22	33	36	33	42	33	54	33	58	33	62	32	44
31	05	29	26	28	36	28	38	27	42	26	42	28	38	29	38	30	40	31	44	32	46	31	28
31	11	25	52	25	70																		
31	17	28	40			25	56	24	52	24	50	25	55	24	48	25	58	25	37	26	44	27	44
31	23	25	30	25	40	25	44	24	42	25	46	25	44	25	34	28	26	26	26	26	52	27	48

Results of Upper Wind Observations,
MACQUARIE 1965

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 F
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10
1	01	11	31	31	31	45	29	15	32	14													
1	01	23	32	32	32	27	34	23	35	14													
1	02	05	30	37	31	25	31	30															
1	02	11	30	40	30	28	32	26															
1	03	11	33	49	33	29	34	40															
1	03	23	32	44	33	31	33	21															
1	04	11	30	25	31	20	33	17	31	10													
1	04	23	28	30	28	20	29	17	29	15	33	10											
1	05	05	28	23																			
1	05	11	28	21	27	20	28	16	28	07	33	09											
1	05	17	28	17	27	18	27	11	26	08													
1	05	23	26	20	26	16	26	08	20	07	31	08											
1	06	05	25	19	24	15	24	12															
1	06	11	22	18	22	22	22	07	20	05													
1	06	17	21	28	21	24																	
1	06	23	20	37																			
1	07	12	23	33																			
1	07	23	28	28	29	26	30	18															
1	08	05	29	32	31	32																	
1	08	11	28	25	29	34	29	19	29	16													
1	08	23	23	37	28	21	27	15	31	09	34	05											
1	09	05	29	12	24	10																	
1	09	11	35	20	35	12	33	10															
1	09	17	34	23	32	20	31	18															
1	09	23	31	43	32	24	32	15	35	10													
1	10	11	32	30	34	26	32	12	34	11													
1	10	23	34	42	34	14	34	12	31	14	36	07											
1	11	11	33	30	31	15	31	10	31	11													
1	11	23	36	22	35	17	34	18	36	18	05	08											
1	12	05	36	32	34	21	01	12															
1	12	11	35	30	34	28	33	14															
1	12	23	36	39	36	24	36	20															
1	13	11	35	29	35	18	01	21															
1	13	23	32	29	33	24	34	18															
1	14	05	31	31	33	32																	
1	14	11	29	29	24	32																	
1	14	17	28	48																			
1	14	23	30	42	28	32	29	32	33	18													
1	15	17	31	36																			
1	15	23	30	54	30	45	31	36	29	31	35	18											
1	16	05	28	66																			
1	17	23	32	103																			
1	18	11	31	64																			
1	19	23	34	49	35	47																	
1	20	11	32	22	33	30	31	18															
1	20	23	26	20	28	20	30	11	32	08													
1	21	05	29	28	29	23																	
1	21	11	30	23	30	24	30	17	32	13	32	08											
1	21	23	33	25	33	20	32	18	34	18													
1	22	05	33	27																			
1	22	11	34	15	34	08	32	11	36	09													
1	22	23	04	07	02	10	34	06															
1	23	05	15	02	05	02	03	04															
1	23	11	14	11	10	04	09	03															
1	23	17	14	09	04	05																	
1	23	23	08	09	04	12	03	07															
1	24	05	07	14																			
1	24	11	09	15	10	11	05	06															
1	24	17	10	08	06	07																	
1	24	23	11	10	12	03																	
1	25	05	10	03	30	04																	
1	25	11	25	08	26	04	32	05															
1	25	17	25	14	28	12	30	10															
1	25	23	26	17	29	13	31	12															
1	26	05	28	19																			
1	26	11	28	24	29	21	27	13	27	07	27	03											
1	26	17	27	30																			
1	26	23	27	32	29	23	28	20															
1	27	05	29	33	28	31																	
1	27	11	27	42	27	22	28	21															
1	27	23	26	37	27	27	26	22															
1	28	05	26	56																			
1	28	11	25	42	24	29	24	23	23	19													
1	28	17	24	44																			
1	28	23	23	49	23	39	24	24	24	21													
1	29	05	23	56	23	40																	
1	29	11	22	39	22	24	21	28															
1	29	17	24	44	25	14																	
1	29	23	27	36	26	28																	
1	30	05	29	42																			
1	30	11	30	37	27	30	27	20	25	10	24	07											
1	30	23	32	46	30	29	28	30	28	10	24	23											
1	31	05	29	54	29	26	26	29															
1	31	11	30	26	27	25	29	22	25	23													
1	31	17	29	38	39	32																	
1	31	23	30	43	29	31	29	28	28	12	28	13											

Results of Upper Wind Observations,
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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	05	28	27	29	31	28	25																
01	11	26	39	28	26	27	25																
02	23	28	67	26	44	27	63																
03	23	30	44	31	34	30	38	30	25														
04	05	31	36																				
04	11	26	50	26	37	27	38																
04	23	25	54	25	39	27	46	23	24	27	29												
07	11	24	46																				
07	23	22	39	24	35																		
08	11	27	36																				
08	23	28	42	27	31																		
09	11	31	40																				
09	23	33	35	32	28	31	19	33	16														
10	11	34	64																				
10	23	32	20	31	15	33	15	31	06	31	08												
11	05	32	15	30	13																		
11	11	25	16	26	14	26	11	31	05	06	03												
11	23	21	31	22	10	24	14																
12	17	23	25	23	23																		
13	05	33	16																				
13	11	35	17	33	09	35	13																
13	23	35	20	01	18	02	10	02	12														
14	11	04	05			01	07	34	12														
14	17	21	02																				
14	23	25	10	11	07	26	07	14	10	12	10												
15	11	27	08	26	06	22	09	19	06														
15	17	24	05																				
15	23	27	17	24	10	26	07																
16	11	31	12	28	12																		
16	17	27	10	30	02																		
16	23	21	04	25	09	23	08																
17	05	24	15	21	11	27	09																
17	11	23	22	26	12	26	16	25	07	27	02												
17	17	26	20																				
17	23	27	16	29	19	29	21	28	06	32	08												
18	05	30	24	29	22	29	13	30	06														
18	11	30	22	30	18	29	25	27	18														
18	23	26	26	27	26	29	19	24	09														
19	11	26	39	27	28	27	22	27	23	26	07												
19	23	28	25	29	17	28	20	28	15	26	06												
20	11	27	41	25	31	26	14	25	20														
20	23	23	68	23	53																		
21	11	26	57	26	37																		
21	23	35	54																				
22	11	29	43	31	40	29	20																
22	23	31	29	31	36	31	25																
23	11	33	39	33	33																		
23	23	31	35	33	33	35	31	32	24	34	10												
24	11	33	28																				
24	23	35	17	34	22	33	18	35	20	34	13												
25	11	31	19																				
25	23	28	20	30	18	34	13	35	09														
26	11	29	27	29	18	31	16	30	07	30	22												
26	23	29	31	30	21	29	22	31	12	30	15												
27	11	27	39	27	35																		
28	11	27	25	27	48																		
28	23	22	45																				
1	23	23	84	21	59	22	37	19	20	20	19												
2	23	29	64																				
3	11	30	53																				
3	23	32	33	32	34	32	27	33	17	31	24												
4	11	29	26	29	24	29	15																
4	17	28	32																				
4	23	29	36	29	31	29	33	29	17	32	25												
5	05	28	41	29	29																		
5	11	28	38	24	33																		
5	23	29	84																				
6	23	31	82	33	60																		
7	11	31	35	31	29	36	17	33	36														
7	17	30	35																				
7	23	30	46	30	42	30	26	31	23														
8	23	32	52	34	40	34	45																
9	23	28	45																				
3	23	30	50	30	41	31	41	30	28														
4	05	29	34	29	21																		
4	11	33	38	32	37	32	24	32	29														
5	11	32	45	32	40	32	37	31	42	30	30												
5	23	29	40	29	40	29	30	31	28	31	20												
5	11	25	60	25	43																		
5	23	25	77	25	65	25	52																
7	23	30	102																				
9	11	31	70	32	64																		
9	23	30	66	30	56																		

Results of Upper Wind Observations,
MACQUARIE 1965

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 F
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10
3	20	05	31	60																			
3	20	11	31	57																			
3	20	23	30	51	30	46	31	48															
3	21	05	29	38	30	46																	
3	21	11	29	38	30	36																	
3	21	23	31	56	31	48																	
3	22	11	31	52	31	45																	
3	22	23	32	42	32	42	33	34															
3	23	11	32	48	32	38	32	33	32	30													
3	23	23	32	45	31	36	33	40	32	25	31	15											
3	24	05	30	41	30	38	32	30															
3	24	11	28	30	29	32	29	28	30	25	29	27											
3	24	17	27	31																			
3	24	23	30	30	28	40	27	31															
3	25	11	28	44	29	42	28	30															
3	25	23	27	35	27	33	28	35	27	29													
3	26	05	27	30	26	29	27	30															
3	26	11	25	42	26	42																	
3	26	23	28	52	27	44	25	33	26	35	26	18											
3	27	11	25	60	26	47	26	49	26	35													
3	27	17	27	50																			
3	27	23	29	48	29	40																	
3	28	17	32	38	31	36																	
3	28	23	27	37	29	40	28	34	30	34													
3	29	11	28	56	28	50	26	44															
3	29	23	30	44	30	46	30	35															
3	30	11	33	45																			
3	30	17	31	44																			
3	30	23	31	46	32	48																	
3	31	11	30	67	29	59																	
3	31	23	30	47	30	54	30	48															
4	01	05	29	51																			
4	01	11	30	52	30	50	30	54															
4	01	23	29	45	29	46	29	51	30	47													
4	02	05	28	42	28	41																	
4	02	11	27	44	27	45	27	37	28	35													
4	02	17	26	49																			
4	02	23	28	45	28	46	27	37	28	39													
4	03	05	29	58	28	60																	
4	03	11	27	62	28	39	29	41															
4	04	11	31	73																			
4	04	23	29	76	30	41	28	40	29	40													
4	05	23	30	68	30	55	29	53															
4	06	11	27	49	27	41																	
4	06	23	24	57																			
4	07	11	24	67	25	45	26	53															
4	07	23	25	42	23	41	26	48	24	29	26	40											
4	08	05	27	41	26	31	26	34	26	32													
4	08	11	27	43	28	39	28	44	28	35													
4	08	23	29	60	30	47	30	35															
4	09	11	29	56	29	51	27	36	28	35													
4	09	23	28	44	28	38	27	40	28	37													
4	10	11	23	50	27	31	26	34															
4	10	17	22	48	24	41																	
4	10	23	25	53	26	51	27	37	27	38													
4	11	11	27	74	27	47																	
4	11	23	25	103																			
4	13	11	23	64	23	55	23	46	23	47	24	42											
4	13	17	23	55	23	63																	
4	13	23	23	46	24	42	25	38	25	32													
4	14	05	24	40																			
4	14	11	25	25	25	26	25	28	23	22													
4	14	17	33	31	30	28	27	27															
4	14	23	32	38	30	28	28	27															
4	15	05	30	31	31	28																	
4	15	11	31	30	30	25	28	24															
4	15	17	33	24	32	25																	
4	15	23	35	23	31	23	31	21	30	20													
4	16	05	36	20	35	10																	
4	16	11	32	40	32	30	32	28	31	30													
4	16	23	32	44	32	43	31	34	30	23													
4	17	23	33	56	33	37	32	31	32	32													
4	18	05	33	33																			
4	18	11	31	47	30	32	32	17															
4	18	23	23	35	25	25	26	23	26	16													
4	19	05	22	37	26	57																	
4	19	11	23	45	34	39	34	23															
4	19	23	23	39	23	36	24	26															
4	20	05	26	50	25	27																	
4	20	11	27	48																			
4	20	23	26	64	25	58	25	41	26	40													
4	21	05	26	60	26	58																	
4	21	11	26	60	25	43	25	44															
4	21	23	24	47	25	45	24	34															

Results of Upper Wind Observations,
MACQUARIE 1965

DAY	HOUR GMT	40,000 FEET °×10	kt	45,000 FEET °×10	kt	50,000 FEET °×10	kt	55,000 FEET °×10	kt	60,000 FEET °×10	kt	65,000 FEET °×10	kt	70,000 FEET °×10	kt	75,000 FEET °×10	kt	80,000 FEET °×10	kt	85,000 FEET °×10	kt	90,000 FEET °×10	kt
22	23	25	57	23	54																		
23	11	24	41	23	32	24	47																
23	23	24	40	24	40	26	44	24	46														
24	23	25	60	25	75	25	43																
25	11	24	67	24	70																		
25	23	23	73	22	75	22	71																
26	23	24	55	25	51																		
27	11	24	67	24	54																		
27	23	26	50	25	34	26	49																
28	11	23	59	24	56	23	49																
28	23	25	61	25	50	25	48	24	45														
29	05	24	44																				
29	11	23	53	24	59																		
30	23	21	63	22	58	23	46																
01	05	20	59																				
01	11	20	67	21	70	21	80																
02	11	22	79	22	51	21	44																
02	17	24	65	24	60																		
02	23	26	59																				
03	23	26	81	26	58																		
04	23	28	56	28	38	27	42																
05	17	24	28																				
05	23	24	34	24	32																		
06	11	21	43																				
06	23	20	39	22	36	23	33																
07	11	22	47																				
07	17	22	44	22	46																		
07	23	23	50	23	44	23	38	24	35	24	42												
08	23	23	52																				
09	11	22	48																				
09	17	23	55																				
09	23	21	47	23	57	23	51	23	50	23	28												
10	05	22	46	23	47																		
10	11	22	50																				
10	23	26	51	25	53	26	40	23	40														
11	11	23	60	25	42																		
11	23	29	43	27	39	28	46	26	50	25	48												
12	05	30	33	28	39																		
12	23	30	33	32	21	27	30																
13	05	28	29																				
13	23	27	53	28	46	27	31	27	34	27	32												
14	05	27	59																				
14	23	28	69																				
15	05	29	64	29	78	29	77																
16	23	32	51	33	46	33	53																
18	11	31	42	32	48																		
18	23	31	42	32	34	31	50	31	52	32	39												
19	11	32	44																				
19	17	33	41																				
19	23	32	35	32	41	31	40	31	33														
20	05	32	36																				
20	11	34	32	31	28																		
20	23	31	30	29	41	30	54	30	37														
21	05	31	31																				
21	17	29	45																				
21	23	29	52	29	62	28	66	30	55	29	53												
22	05	29	57																				
22	11	30	59																				
22	17	30	53	30	57																		
22	23	30	52	30	50	30	54	29	64														
23	05	29	47	29	52	29	62																
23	23	28	49	28	39	29	52																
24	23	27	58	27	56	26	42																
25	05	26	52	26	59																		
25	11	29	46																				
25	17	24	52	27	50																		
25	23	25	44	27	43	27	44																
25	05	25	37																				
25	17	22	17	27	28																		
25	23	27	18	27	25	28	32																
27	05	23	14	28	32																		
27	11	32	11	29	12																		
27	17	34	12	29	17																		
27	23	29	17	29	26	27	27	27	29														
28	05	29	21	28	29																		
28	11	29	26	30	29																		
28	17	31	34	30	34																		
28	23	32	37	32	50	30	48	30	51	29	64												
29	05	32	42	32	41																		
29	23	29	50	29	41																		
30	23	31	42	30	41	30	49																
31	11	32	37	31	41																		
31	23	33	40	32	38	31	47	30	39														

Results of Upper Wind Observations,
MACQUARIE 1965

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 FE
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10
6	01	05	33	42																			
6	01	23	32	39	31	35	30	32	31	37													
6	02	05	30	38	31	39																	
6	02	17	29	49																			
6	02	23	31	64	30	55																	
6	03	23	30	50	30	50	31	49	31	52	30	49											
6	04	23	32	48	32	58																	
6	05	23	24	55																			
6	08	23	27	58	27	56	27	68															
6	09	23	26	37	28	44	29	52	29	54	28	58											
6	10	11	29	49																			
6	10	23	28	47	29	49																	
6	12	23	24	67	25	73																	
6	13	05	24	75																			
6	13	11	23	69																			
6	13	23	21	69	21	65	22	69	23	73	26	89											
6	14	23	26	61																			
6	15	17	28	90																			
6	15	23	29	68	28	61	29	62															
6	16	23	28	80	28	67																	
6	17	23	29	50	28	57																	
6	18	05	28	57	28	48																	
6	18	11	28	48	27	45																	
6	18	17	28	81	29	51																	
6	18	23	27	50	29	43	28	63															
6	19	23	27	56	27	56	28	59															
6	21	23	29	68	29	70	30	70															
6	22	23	27	48	27	58	26	69	27	73													
6	23	05	26	52	26	53																	
6	23	23	25	56	25	61																	
6	24	05	24	57	26	56																	
6	25	11	28	61																			
6	25	23	25	44	26	51	27	68	25	64													
6	26	23	25	38	26	43	26	48	27	41	27	63											
6	27	11	24	46																			
6	27	23	22	48	23	46	25	52															
6	28	05	21	53	22	47																	
6	28	17	22	43																			
6	28	23	27	50	26	58	26	47	26	72	26	76											
6	29	05	28	59																			
6	30	17	25	52	25	53																	
6	30	23	25	51	26	57	26	68															
7	01	05	25	53																			
7	01	11	26	50	26	52																	
7	01	23	27	38	26	50	26	59	26	63	26	66											
7	02	23	26	49	26	41	26	45	24	71	25	68											
7	03	05	26	42																			
7	03	11	27	37	27	44																	
7	03	23	29	33	27	38	27	40	26	45													
7	04	05	28	36	27	40	27	40	26	39													
7	04	23	26	22	26	40	26	27	26	37	26	43											
7	05	17	25	30																			
7	05	23	23	26	26	34	26	38	27	36													
7	06	05	22	37	25	30																	
7	06	23	23	30	26	35	27	42	27	45	26	44											
7	07	11	24	35	35	18																	
7	07	17	25	26	25	36																	
7	07	23	25	30	24	38	24	41															
7	08	11	22	36																			
7	08	23	20	29	23	37	25	45	25	54	27	67											
7	09	05	20	39	23	38																	
7	09	17	16	45	22	42																	
7	09	23	19	29	25	43	25	44	26	68	25	68											
7	10	05	23	23																			
7	10	11	26	24	24	26																	
7	10	17	28	35	26	36																	
7	10	23	28	39	27	43	26	51															
7	11	23	26	54	26	55	25	49															
7	12	11	24	70																			
7	12	23	23	54	24	48	24	47															
7	13	11	25	44	25	41																	
7	13	23	26	50	25	52	25	49															
7	14	17	31	70																			
7	15	11	29	43	29	45																	
7	15	23	30	64	30	56	30	64															
7	16	23	28	56	*																		
7	18	23	29	81																			
7	19	23	24	75																			
7	20	05	24	68																			
7	20	11	26	64	26	75																	
7	20	17	28	72	28	69																	
7	20	23	29	65																			

Results of Upper Wind Observations,
MACQUARIE 1965

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
21	17	29	67																				
21	23	28	69	29	64	28	69																
22	05	29	56																				
22	11	29	52	29	57																		
22	23	29	53	28	59	29	62																
23	05	29	46	28	44																		
23	17	27	46																				
23	23	27	51	27	51	27	60	29	62														
24	05	28	57	28	59	29	66	28	64														
24	23	29	86																				
25	23	31	55	30	65	31	56																
26	05	30	57																				
26	11	30	59																				
26	23	28	84																				
27	23	30	58	29	71	29	74	29	80														
28	05	31	57																				
28	11	30	58	29	64																		
28	23	29	47	28	49	29	53	29	68	29	62												
29	05	27	51	28	39	29	58	28	64														
29	11	27	29	29	51																		
29	23	24	36	27	42	27	52	28	62	29	60												
30	23	25	57																				
31	05	25	69																				
31	11	26	60																				
31	17	26	50																				
31	23	26	49	28	64	28	68																
1	05	27	26																				
1	17	31	37	30	43																		
1	23	31	47	31	60	29	62	29	71														
2	05	33	79																				
2	23	32	58	29	62	31	62																
4	11	30	78																				
4	23	29	56	29	47	28	57																
5	05	29	43																				
5	23	28	58																				
6	23	27	72	27	73	27	81																
7	23	25	39	26	65	27	80	28	98	28	109												
9	23	27	62	27	70	27	76	27	94														
1	23	30	81	29	93	27	101																
2	11	27	64																				
2	23	30	64	29	74	28	71																
3	17	30	61																				
3	23	32	52	31	56	31	59																
4	11	30	42	29	54																		
4	23	27	17	27	33	27	60	26	68														
5	05	25	20																				
6	11	24	23																				
5	17	21	25																				
5	23	20	26	25	34	25	51																
6	05	23	24																				
6	11	21	14	24	39																		
6	17	22	12																				
6	23	22	14	26	33	26	41	26	54														
7	05	15	14																				
7	11	27	10	27	29																		
7	17	29	11																				
7	23	28	14	28	29	27	44	27	59														
8	05	29	15	27	30																		
8	11	28	37	27	31																		
8	23	29	20	29	42	26	53	27	65														
9	05	28	23	30	31																		
9	11	28	16																				
9	17	27	22	28	35																		
9	23	27	22	26	33	27	46	27	56														
0	05	26	25	26	38	26	46																
0	11	25	23																				
0	23	25	35	26	33																		
	05	25	33																				
	11	25	40	27	54																		
	23	25	35	27	56	28	64	29	87	29	91												
2	11	22	22	25	38	27	54																
2	23	25	20	26	41	26	50	26	68														
	05	26	22	25	43	26	58																
	11	27	16																				
	17	27	30																				
	23	28	42	27	55																		
	05	27	50	27	49	28	58																
	11	27	44	27	42																		
	17	27	34																				
	23	27	44	27	42	27	63																
	23	28	78	27	64																		
	11	26	65																				
	17	27	76																				
	23	28	78	28	86	28	82																

Results of Upper Wind Observations,
MACQUARIE 1965

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 FEE
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	k
8	28	23	29	95	29	82	29	100															
8	29	05	28	52																			
8	31	23	83	28	79	29	76																
9	02	05	28	60	28	66	28	74															
9	02	23	26	74	27	75																	
9	03	23	27	70																			
9	04	05	26	61																			
9	04	23	28	59	27	77	28	77															
9	05	05	28	59	28	55	28	64															
9	05	11	29	58																			
9	05	23	31	68	32	84																	
9	06	23	26	80	26	66																	
9	07	11	26	70																			
9	07	17	27	73	27	69																	
9	07	23	27	61	27	78	25	92	27	87													
9	08	05	27	63	27	58																	
9	08	11	28	60	27	71	27	76															
9	08	17	28	62																			
9	08	23	26	56	26	58	26	74	27	81													
9	09	05	27	51																			
9	09	11	28	53	28	60																	
9	09	23	29	103	28	78																	
9	10	23	28	95	28	98																	
9	11	11	27	88																			
9	12	17	26	58	25	65																	
9	12	23	25	58	25	73																	
9	13	17	26	71																			
9	13	23	27	62	27	76	27	72	27	77													
9	14	05	28	64	28	79																	
9	14	17	29	60	29	68	29	75															
9	14	23	30	65	29	85	28	81	28	88													
9	15	05	29	68	29	74	28	77															
9	15	11	30	62	49	72	29	71															
9	15	17	29	72	29	78																	
9	15	23	29	77	29	82	30	103															
9	16	11	30	67	30	80	30	85															
9	16	17	31	54	3																		
9	16	23	30	45	28	47	28	66	28	68	26	81											
9	17	05	29	46	27	52	27	60															
9	17	11	28	45	27	49	27	51															
9	17	17	28	42																			
9	17	23	29	45	28	57	29	51	27	47	29	63											
9	18	05	29	56	28	59	29	61	28	54													
9	18	11	28	59	28	61																	
9	18	17	27	64	28	62																	
9	19	23	26	70																			
9	20	23	28	64	25	83																	
9	21	11	29	63																			
9	21	17	29	59																			
9	21	23	30	58	28	63	29	76															
9	22	05	29	52	28	64																	
9	22	23	28	55	28	52	28	58	28	57	28	72											
9	23	17	28	68																			
9	23	23	27	66	27	66	28	83	28	94													
9	24	23	30	62	28	89	27	85															
9	25	05	29	61																			
9	25	23	27	66	27	78	28	77	27	79													
9	26	05	29	65																			
9	26	23	30	70	30	72	30	91	29	85													
9	27	05	30	68																			
9	28	05	29	57																			
9	28	11	29	59	29	75																	
9	28	23	29	64																			
9	29	23	30	80	29	40																	
9	30	23	29	45	28	62	28	62															
0	02	11	29	50																			
0	02	23	28	44	28	56	28	65	28	79													
0	03	11	25	34																			
0	03	17	23	30																			
0	03	23	24	45	25	55																	
0	04	11	24	51																			
0	04	23	23	63	24	70																	
0	05	23	23	84	22	95	22	80															
0	06	23	21	83	22	73	22	68															
0	07	11	27	81																			
0	08	23	28	58	28	62																	
0	09	23	30	76																			
0	10	23	28	60	28	71	28	68	29	68													
0	11	23	27	72	27	74	27	71															

Results of Upper Wind Observations,
MACQUARIE 1965

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
12	23	26	64	27	70	28	16																
13	11	29	62																				
13	23	30	84																				
14	23	31	100	30	107																		
16	25	24	68	24	63	26	61																
17	23	25	86																				
18	23	26	88																				
21	23	29	100																				
22	23	25	102																				
23	23	25	64	25	69	26	67	26	68														
24	23	28	39	28	49	28	54																
25	17	29	47																				
25	23	29	52	29	52	29	70	29	63	29	65												
26	11	29	58																				
26	17	29	57																				
26	23	29	57																				
27	05	29	58	29	70																		
27	23	26	74																				
28	23	26	59	27	52																		
29	23	28	63																				
30	05	27	68																				
30	23	25	46	25	51	25	46	25	44	25	55												
31	23	24	45	25	31	24	34																
1	23	26	62	25	58																		
2	23	30	68	28	51	29	60	29	63														
3	05	33	65																				
3	23	26	55	27	53	28	62	29	63														
4	05	26	54																				
4	11	26	46																				
4	23	28	46	28	51	28	43	28	45														
5	11	28	45																				
5	23	28	39	28	37	27	31																
6	05	28	57																				
6	17	27	44																				
6	23	28	43																				
7	17	27	34	26	36																		
7	23	28	28	28	32	29	35	29	26	29	26												
8	05	28	35																				
8	11	28	30	29	30																		
8	17	29	37																				
8	23	29	30	31	35	31	30	31	24	32	24												
9	05	29	29																				
9	17	34	46																				
9	23	34	51	34	41	32	31	34	28														
0	23	35	50	35	35	34	31																
1	05	36	47																				
1	11	01	47																				
1	17	33	29	35	34																		
1	23	35	22	32	23	33	23	34	15	35	17												
2	05	30	32	33	24	32	20	33	21														
2	11	32	27																				
2	23	30	20	30	21																		
3	23	25	46	25	37	26	33	28	12														
4	05	27	54																				
4	23	28	46																				
5	23	31	45	30	44	29	27	32	26														
5	05	31	52																				
5	17	25	47																				
6	23	26	41	26	43	26	54																
7	05	27	41																				
7	23	27	48	27	43																		
8	05	25	39																				
8	23	21	66	22	50																		
9	17	21	57	22	52																		
9	23	24	50	23	51	23	41																
9	11	26	48	16	50																		
9	17	30	54	28	54																		
9	23	30	48	30	40																		
0	23	28	62	30	43	29	39	31	24	29	25												
0	23	30	60	31	62																		
0	05	28	51	28	46																		
1	11	27	50	28	43																		
1	17	29	50	30	37																		
1	23	29	54	28	44	29	42	29	32	30	28												
2	23	33	50	31	47	31	32																
2	05	32	40	33	34																		
2	11	33	32	31	35																		
2	17	31	31	30	26																		
2	23	32	21	31	22	31	15																
3	05	28	16																				
3	11	23	27	26	16																		
3	23	20	45	20	35	21	12	22	14														
4	05	20	41																				
4	23	25	57	27	45	27	28	27	19														

Results of Upper Wind Observations,
MACQUARIE – JAN., 1965

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
11	29	23	24	64	25	46	26	38	27	29														
11	30	05	25	55																				
11	30	23	24	55	24	49	24	36																
12	01	05	24	59																				
12	01	23	24	54	24	48	24	40	24	35														
12	02	11	23	66																				
12	02	23	25	61	24	56																		
12	03	11	25	57																				
12	03	17	26	46																				
12	03	24	28	41	27	39	28	30																
12	04	17	29	45	28	34																		
12	04	23	29	42	29	48	26	24																
12	05	05	29	45																				
12	05	11	28	48																				
12	05	17	26	47																				
12	05	23	26	47	27	44	26	25	26	30	25	15												
12	06	23	24	64	23	48	24	46																
12	07	05	24	67	24	44																		
12	07	11	25	59																				
12	07	23	26	48	26	44	25	26	24	25														
12	08	05	29	50																				
12	08	11	28	50	27	42																		
12	08	17	26	50																				
12	08	23	26	64	27	41	27	39	27	24														
12	09	23	28	40	29	52	29	33	30	25														
12	10	17	27	56																				
12	10	23	27	54	27	73	28	55	27	21	28	19												
12	11	23	28	54	26	55	28	43																
12	12	23	29	75	29	72																		
12	13	23	31	60	32	43																		
12	14	17	31	56																				
12	14	23	30	59	31	38																		
12	15	05	31	78																				
12	15	23	34	46	35	34	34	27	34	28														
12	16	23	22	89	27	03	36	08	01	12	02	07												
12	17	23	22	22	22	36	22	20	27	04	22	06												
12	19	05	23	82																				
12	19	23	22	104	24	48	24	30	22	24														
12	20	23	23	72	23	90																		
12	21	23	26	36	27	38	26	34																
12	22	11	29	54																				
12	23	11	29	102																				
12	24	11	28	52	29	44	28	58	28	58														
12	24	23	27	42	27	30	27	32																
12	25	11	27	32	28	30	26	28																
12	26	11	24	14	25	10	24	12																
12	26	17	23	08																				
12	26	23	24	12	25	10	00	00	28	03	22	07												
12	27	11	22	10	23	12	24	10	25	06														
12	27	17	23	10	23	09																		
12	27	23	23	12	24	11	26	04																
12	27	23	23	12	24	11	26	04																
12	28	05	23	12	23	10	21	08	23	04														
12	28	11	21	12	22	08	21	06	32	02	18	06												
12	28	17	21	17																				
12	29	11	24	40	25	15	24	20																
12	29	17	24	44																				
12	29	23	25	45	26	52																		
12	30	11	28	60																				
12	30	23	31	36	31	22	31	26	31	20														
12	31	05	30	26																				
12	31	17	28	32																				
12	31	23	28	26	29	16	31	24																

Results of Upper Wind Observations,
MAWSON 1965

DAY	HOUR	SURFACE		1000 FEET		3000 FEET		5000 FEET		7000 FEET		10,000 FEET		15,000 FEET		20,000 FEET		25,000 FEET		30,000 FEET		35,000 FEET	
	GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt
01	06																						
01	12	00	00	23	06	15	06	14	11	14	11	20	04	19	09	19	16	17	11				
01	24	15	22	18	05	25	05	23	10	25	10	25	14	24	25	23	60	23	90				
02	06																						
02	11	00	00	08	06	08	08	01	04	06	06	35	10										
02	24	12	36	11	47	09	28																
03	06																						
03	12	08	04	08	18	10	28	11	24	14	08												
04	01	13	14	11	22	09	21	09	13	10	21												
04	06																						
04	12	10	15	10	20	09	16																
05	01	13	22	11	34	10	22	10	20	10	19	10	11	26	07	36	03	02	09	06	15	06	12
05	06																						
05	12	09	20	10	20																		
06	01	13	23	11	28	10	29																
06	05	13	24	11	34	10	26	09	12														
06	11	11	20	11	32	10	32	10	34														
06	24	14	20	11	22	08	24	09	16														
07	06																						
07	12	00	00	07	08	09	10	11	14	12	22	05	19										
07	24	13	30	12	21	07	07	11	09	08	08	07	07	36	07	36	11	34	13	34	15	35	11
08	06	12	24	10	16	09	09	09	10	08	11	06	07	33	08	28	08						
08	12	08	05	09	09	10	21	11	24														
08	24	13	25	13	34	11	20	11	24	14	19	13	14	17	06	13	05	28	06	31	08	36	05
09	06																						
09	12	12	21	12	21	11	28	10	27	15	21	12	17	15	06	12	04	24	03	28	04	01	06
09	24	13	27	12	24	09	07	11	14	15	19	18	11	21	08	25	08	29	12	31	14	31	09
10	06	14	15	11	12	06	07	16	13	15	14	21	06	20	12	26	13	31	19	30	11		
10	12	23	06	24	04	13	10	14	09	16	06	17	10	23	10	27	15	26	26	28	31		
10	24	13	18	10	07	06	07	04	03	28	05	29	09	31	13	32	21	30	19	27	22	26	21
11	06																						
11	12	28	06	28	02	00	00	11	04	13	02	24	02	25	01								
11	24	14	24	10	17	06	19	09	11	03	02	00	00	23	08	25	29	24	60	25	74	25	48
12	05	10	17	10	13	10	17	15	10	09	06	04	02	24	11	23	34						
12	12	06	14	06	12	11	21																
12	24	14	24	11	17	09	19	10	21	11	14	15	07	21	24	22	30	24	39	24	37	25	33
13	05	06	07	06	06	11	16	13	26	12	21	14	16	21	24	23	33						
13	12	00	00	00	00	11	16	11	31	14	17												
13	24	11	25	12	40	12	40	11	32														
14	06																						
14	12	13	25																				
14	24	13	35	13	38	10	38	10	37	10	35	13	31										
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17	06																						
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18	01	13	42	13	52	09	39	09	37														
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21	06																						
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21	24	14	19	10	20	12	12	14	11	13	12	15	06										
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22	11	12	14	10	12	10	08	19	06														
22	24	14	20	11	06	11	05	13	09	06	03	27	03	00	00	00	00						
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23	24	14	27	12	19	11	29	11	15	13	14	03	11	13	02	22	09	22	07	23	06	28	03
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24	24	14	20	13	19	09	04	08	07	08	04	29	05	06	03	26	06	27	13	28	13	30	10
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25	24	14	35	12	32	10	20	08	07	10	15	11	19	16	05	21	14	25	15	28	18		
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29	24	14	22	12	16	09	08	11	15	11	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
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1	31	06	11	15	10	22	08	25	10	25	09	29	10	24										
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1	31	24																						
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2	16	11	11	32	10	34																		
2	16	24	13	34	10	29	08	32																
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2	19	06	13	20	12	18	10	21	14	23	11	12	19	07	16	02	06	04	03	09	35	06	20	05
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2	26	05	13	21	12	23	10	29	10	13	16	13												
2	26	12	12	25	12	36	09	17																

Results of Upper Wind Observations,
MAWSON 1965

TH	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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2	27	24	14	17	12	16	02	12	07	12	10	12												
2	28	05	13	20	11	26	07	13	10	11	11	18												
2	28	11	12	24	11	22	09	15	10	17														
2	28	24	13	37	13	31	10	39																
1	01	12	13	45	12	45	10	36	07	24														
1	02	01	13	49	13	55																		
1	02	11	12	22	12	26	09	30	10	31	10	17	07	15	07	14								
1	02	24	15	18	13	21	09	23	10	29														
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1	03	24	13	26	13	39	11	46	10	52														
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1	10	11	10	15	09	17	09	13	09	10														
1	10	24	14	19	13	17	12	07	14	07	09	07												
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1	17	24	14	25	15	17	20	02	33	05														
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1	19	01	17	30	16	38																		
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2	05	24	13	40																				
2	06	11	14	20	10	12																		

Results of Upper Wind Observations,
MAWSON 1965

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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Results of Upper Wind Observations,
MAWSON 1965

TH	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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6	29	24	13	29	11	30	07	10	11	18	16	19												

Results of Upper Wind Observations,
MAWSON 1965

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 FEE
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10 k
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7	02	12	16	22	13	30	05	10	14	11	30	08	29	15									
7	02	24	13	30	11	24	10	23	11	16													
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7	03	24	13	58																			
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7	04	24	19	20	16	23	20	07	13	18	14	15	13	08	12	05							
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7	05	24	16	24	12	26	09	06	16	10	25	12	23	09									
7	06	11	13	22	12	21	08	15	12	21	16	15	14	08	11	11	11	13					
7	06	24	00	00	00	00	10	23	11	38													
7	07	11	08	06	10	19	10	31	11	21	05	09	04	07	04	16							
7	07	24	16	26	14	23	11	05	13	14	13	11	12	11	08	20	07	38					
7	08	11	13	27	13	36	10	20	10	17													
7	08	24	13	22	09	23	08	20	08	19	13	15											
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7	09	24	13	22	12	27	09	23	11	26													
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7	22	11	14	27	11	34	10	10															
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7	23	12																					
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7	25	12																					
7	26	05	13	43																			
7	26	12																					
7	26	24	13	35																			
7	27	12																					
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7	28	24	24	07	20	09	11	22	11	20	14	04	03	07	03	06	01	04					
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8	08	24	13	14	06	06	05	04	36	07	06	24											
8	09	12	13	30																			
8	09	24	00	00																			
8	10	11	00	00	00	00	09	18															
8	10	24	12	22	10	17	10	19	10	16	08	19	04	09	30	18							

Results of Upper Wind Observations,
MAWSON 1965

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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07	24																						
08	12																						
08	24	15	17																				
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16	24	13	35	13	44	10	33	10	15														
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17	24	15	30	14	31	08	22	09	20	12	21	15	38										
18	11	12	22	14	28	09	22	09	13	18	20	18	24	17	14	25	09						
18	24	28	13	23	09	18	20	15	42	15	38	12	17										
19	12	13	42	14	54	11	22	10	27	11	10												
19	24	14	45	14	80	11	33																
20	12	13	34	11	34	07	17	08	22														
20	24	18	06	21	01	11	21	31	10	17	19	18	23	17	11	17	06	19	05	20	12	22	22
21	11	13	21	10	14	04	04																
21	24	14	28	09	12	02	02	05	03	28	13												

Results of Upper Wind Observations,
MAWSON 1965

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 FE
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10
9	22	11	12	16	12	10	16	03															
9	22	24	14	19	15	02	25	03	26	09	25	11	23	12	24	18							
9	23	11	36	01	13	02	07	07	21	02	24	10	24	14	24	28	25	26	27	21	26	33	26
9	23	24	00	00	12	06	11	06	10	04	24	18	25	27									
9	24	11	24	04	14	02	09	12	16	18	27	16	28	16	28	30							
9	24	24	16	22	12	11	07	11	09	15	22	06	24	12	23	13	25	17	26	24	26	24	
9	25	11	09	08	13	09	13	09	14	16	22	07	24	09	25	22	27	27	27	32	28	33	27
9	25	24	14	34	12	30	05	10	13	08	18	06	25	15	27	19							
9	26	11	13	29	12	11	04	02	06	06	18	04	21	06	24	10	24	28	24	37	23	38	
9	26	24	14	20	12	24	09	14	14	11	12	10	22	12	24	23	24	42					
9	27	11	12	13	11	11	11	08	16	04	22	08	23	14	25	36	25	63	25	85	26	94	
9	27	24	15	22	12	21	10	17	11	17	22	05	25	08									
9	28	11	06	12	09	22	11	29	11	09	07	07	30	07									
9	28	24	13	51																			
9	29	11	13	37	13	39	09	19															
9	29	24	13	23	12	16	02	05	08	07													
9	30	11	13	18	13	16	12	11	14	10	15	02	22	11	22	11	26	02					
9	30	24	16	30	14	24	09	12	13	07	20	03	26	10	24	12	27	15	30	13	26	15	27
0	01	11	12	18	11	18	08	10	13	11	17	03	24	06	26	03	31	05	30	09	29	17	27
0	01	24	12	22	12	28	10	25	13	16													
0	02	11	11	30	12	37	13	36	10	29													
0	02	24	13	34	13	33	09	23	09	20													
0	03	12	12	26	12	35	09	29															
0	03	24	13	26	11	18	08	28	09	22													
0	04	11	09	06	09	09	10	16	13	15													
0	04	24	13	35	13	36	11	12	09	05													
0	05	11	30	04	27	06	13	09	16	18	14	37	16	32									
0	05	24	14	22	16	33	21	17	16	18	11	12	16	17									
0	06	11	32	04	16	04	13	14	13	18	14	15	23	07									
0	06	24	16	24	15	25	07	16	03	06	13	08	22	13	24	21	24	16	28	17			
0	07	11	13	18	11	14	09	06	15	06	19	11	23	20	24	41	23	68	22	100	24	129	23
0	07	24	14	24	12	21	10	06	16	06													
0	08	11	09	14	09	14	11	15	15	06	27	17	28	26	28	24							
0	08	24	14	15	13	31	13	09	11	11	16	10	24	15	24	20	24	13	23	09	26	19	26
0	09	11	25	02	26	02	16	10	26	06	24	14	24	17	25	32	25	26	26	23	27	25	27
0	09	24	15	20	13	23	04	08	14	01	26	30	26	43	26	35	27	35	28	26	29	23	28
0	10	12	12	30	13	36	11	12	25	16	26	31	28	31	26	38	26	27	24	15	21	10	25
0	10	24	17	28	16	24	16	08	19	09	19	10	24	25	25	33	23	38					
0	11	11	10	10	10	10	12	13	17	15	23	13	23	20	24	47	24	48	24	51			
0	11	24	15	22	13	24	11	10	16	11	21	12	23	26	24	59	24	82					
0	12	11	08	20	09	20	11	26	11	08	32	11	31	14									
0	13	01	12	48																			
0	13	12	12	65																			
0	13	24	13	61																			
0	14	12	13	75																			
0	15	05	13	30																			
0	15	11	12	19	11	21	07	18	11	15	16	15	11	21	06	29							
0	15	24	00	00	00	00																	
0	16	11	10	24	09	21	08	17	13	12	04	08	34	10									
0	16	24	12	34	11	46																	
0	17	11	31	05	30	05	13	11	12	22	13	32											
0	17	24	17	30	15	28	09	08	14	05	14	10	13	13	12	14	12	27	10	17	05	10	28
0	18	11	27	09	26	05	09	03	16	06	15	15	22	08	14	12	15	07	17	12	22	03	18
0	18	24	14	20	13	30	07	25	08	21	15	19	15	08	20	09	17	10	18	12	23	11	23
0	19	11	13	27	12	28	11	17	14	09	15	15	16	03	27	11	24	08	26	15	23	19	26
0	19	24	13	44	12	55	10	60															
0	20	11	13	36	13	42	09	31															
0	20	24	13	43	13	55																	
0	21	12	14	50	14	58	09	31	08	25	10	24											
0	21	24	13	29	13	40	10	29															
0	22	11	16	22	14	23	00	00	21	09	23	08	24	10	23	09	32	06	02	09	35	04	23
0	22	24	15	26	13	30	08	09	12	04	20	07	26	16	26	13	32	10	32	14	32	14	27
0	23	11	11	18	18	21	09	17	14	11	25	05	31	08	35	14	36	10	01	17	34	11	27
0	23	24	13	32	12	18	11	13	02	03	03	02	27	05	32	05	01	23	07	13	26	12	25
0	24	11	03	06	08	08	11	13	15	11	22	05	00	00	03	08	03	04					
0	24	24	13	11	12	08	10	04	13	03	23	09	21	11	21	03	04	03	26	11	26	33	26
0	25	11	11	09	11	09	11	14	14	14	23	11	24	13	31	09	26	11	25	28	25	52	25
0	25	24	14	23	11	15	11	05	19	02	27	10	28	10	25	22	26	40	26	34	27	35	27
0	26	11	12	26	12	22	15	04	08	03													
0	26	24	15	20	11	17	10	11	12	12	22	06	22	07	27	19	26	25	26	26	27	36	27
0	27	11	27	05	21	02	12	10	13	13	23	07	25	13	25	34	25	37	24	41	25	47	27
0	27	24	13	33	11	31	08	19	10	20	08	09	03	08	35	07	33	14	32	20	31	27	31
0	28	11	12	44	12	48	10	36															
0	28	24	14	48	14	68	11	49	09	50	09	24	11	35									
0	29	12	13	38																			
0	29	24	17	06	04	02	27	10	25	08	16	07	14	08	21	18	22	16	25	20	25	17	26
0	30	11	00	00	28	02	11	08	13	04	24	07	26	10	25	09	25	10	25	22	26	35	26
0	30	24	16	19	14	12	35	08	26	05	28	11	27	18	26	31	29	44	26	54	26	49	27
0	31	11	06	06	07	06	35	02	16	03	28	15	28	25	28	44	27	38					
0	31	24	12	65																			

Results of Upper Wind Observations,
MAWSON 1965

DAY	HOUR	SURFACE		1000 FEET		3000 FEET		5000 FEET		7000 FEET		10,000 FEET		15,000 FEET		20,000 FEET		25,000 FEET		30,000 FEET		35,000 FEET	
	GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt
01	12	11	80																				
02	04	13	60																				
02	12	14	52																				
02	24	13	10	14	21	12	24	11	23														
03	11	00	00	05	02	07	05	09	07														
03	24	00	00	00	00																		
04	11	11	10	09	09	08	11	10	09														
04	24	12	27	11	38	07	19																
05	11	11	34	11	27																		
05	24	13	25	12	38	08	18	10	11	16	10	12	11	20	04	10	13	07	18	08	07	27	12
06	11	04	03	05	05	08	05	14	06	15	03	21	08										
06	24	12	35	12	45																		
07	12	11	33	12	31	09	18	12	08														
07	24	15	25	15	12	26	06	24	14	23	16	24	10	22	15	22	17	21	16	22	18	22	11
08	11	28	04	26	06	11	10	01	01	25	10	26	22	26	17	26	21	26	25	26	21	26	13
08	24	13	17	15	16	05	06	11	08	16	05	28	26	28	20	28	10	28	02	32	04	27	10
09	11	09	17	09	17	09	14	15	08	08	04	32	09	30	10	28	06	25	04	22	06	25	09
09	24	12	34	12	42	09	24																
10	11	11	28	11	28	12	07																
10	24	13	24	10	12	10	06	13	04	34	02	14	05	18	10	17	12	18	15	20	10	24	29
11	11	24	05	26	05	00	00	11	01	00	00	36	01	23	08	24	08	25	18	23	24	26	29
11	24	14	25	15	15	10	04	15	01	32	05	30	13	27	14	22	36	25	40	24	44	26	55
12	11	11	24			08	15	10	12	07	11	35	15	32	15	30	31						
13	01	12	48	12	64	10	46	10	28	11	25	13	15	07	08	01	05	33	12	33	17	34	14
13	11	12	28	13	45	10	18	08	06	13	14												
13	24	15	32	15	24	28	05	25	14	26	11	23	12	25	16	27	32	28	40	28	36	25	28
14	11	05	07	05	05	12	13	15	24	14	25												
14	24	13	20	14	41	10	32	09	30	12	26	13	20	15	05	16	08	17	09	20	19	18	22
15	13	13	20	12	23	09	17	09	20	12	20	12	16	09	12	04	15	08	08	15	06	14	14
15	24	13	28	13	37																		
16	11	11	12	12	16	08	11	11	11														
16	24	15	27	14	29	06	16	11	11	21	08	14	08	15	17	21	07	12	18	11	36	15	26
17	11	03	08	06	08	09	12	15	10	31	02	27	06	00	00	03	04	05	13	08	06	33	08
17	24	12	36	11	37	08	13	07	13														
18	12	12	36																				
18	24	15	35	15	46	06	09	04	05	11	06	15	16										
19	11	31	06	08	07	10	11	14	14	23	07	23	09	26	08	28	20	28	23	30	42		
19	24	15	24	14	34	07	08	12	04	23	05	20	11	24	19	23	27	21	37	20	34	22	34
20	11	26	04	31	02	09	16	13	22	14	14												
20	24	18	04	09	07	10	04	17	06	17	03	25	11	26	30	27	45	27	33	27	46	28	40
21	11	26	04	29	02	09	03	09	02	31	05	30	14	30	24	30	34	29	44	29	50	30	42
21	24	12	25	11	33	08	20	10	30	11	13	33	11										
22	11	12	26	15	39	10	36	09	29	10	26	12	20										
22	24	15	32	15	55	12	37	10	13	25	09	19	17	13	10	14	13	07	09	04	12	36	11
23	11	11	21	13	22	10	17																
23	24	12	30	12	36	09	12	07	07	07	14	07	07	05	13								
24	11	12	33	12	38	09	25	09	22														
24	24	13	35	13	54	11	35	10	23														
25	11	11	25	13	36	11	29	10	02														
25	24	12	27	12	35	09	14	09	09	17	15	13	14	21	17	24	15	23	21	22	26	22	27
26	11	32	01	31	02	12	07	16	04	25	09	24	10	22	15	22	20	24	23	24	36		
26	24	14	22	13	29	05	07	13	05	22	04	24	14	24	12	26	30	25	69	25	77	25	69
27	11	06	09	07	09	10	14	12	10	00	00	21	03	23	12	24	36	25	50	26	66	26	60
27	24	13	26	11	25	05	04	10	07	13	03	19	04	22	13	25	23	25	32	26	34	25	52
28	11	08	03	08	03	11	14	11	20	12	11	18	01	21	07	21	14	24	25	28	30	25	40
28	24	13	26	11	29	35	06	10	25	12	05	05	02	02	03	29	10	28	08	30	11	27	32
29	11	09	17	10	13	08	11	11	11	07	06												
29	24	12	32	11	37	08	18	10	19	12	15	08	12	01	02	21	05	29	13	23	14	35	20
30	11	04	05	05	07	10	21	11	18	10	16	09	11	10	08	15	08	22	15	25	11	27	09
30	24	12	19	12	26	10	25	10	19	14	15	20	05	15	05	19	12	21	20	22	22	24	17
01	11	00	00	25	04	14	06	14	14	24	04	22	07										
01	24	14	18	13	25	09	14	10	20	14	10	21	09	23	12	24	23	25	41	24	32	25	24
02	11	08	11	10	11	09	14	11	15	30	12	10	04	27	04	27	11	25	10				
02	24	12	27	12	30	10	12	09	26	12	13	13	12	21	02	36	06	28	08	28	20	30	17
03	11	31	04	31	04	11	12	13	23	13	07	14	05	21	05	24	08	27	20	28	27	28	11
03	24	14	25	13	30	08	18	09	16	15	14	13	10	17	06	19	03	36	02	26	09	36	03
04	11	10	12	10	15	10	25	10	24	12	19	10	21	08	10	05	11	04	16	04	14	03	08
04	24	12	30	12	47	10	18																
05	11	11	40	12	55	12	52	10	38														
05	24	10	28	11	41																		
06	12	12	30	12	37	09	37	09	43	09	39												
06	24	12	32	13	32	09	23	09	26	09	22	09	22	08	23	09	19	07	20	05	23	06	25
07	11	12	15	12	17	08	12	11	17	12	21	09	20	09	07	09	04	05	08	07	13	08	16
07	24	11	18	09	17	10	20	11	24	13	20	09	20	12	12	11	16	17	20	15	21	15	26
08	11	15	06	16	03	10	13	13	17	11	11	12	14	14	12	11	12						
08	24	22	16	18	20	13	31	11	21	12	15	15	28	20	08	15	18	16	22	16	21	17	30
09	11	00	00	35	01	14	06	14	28	12	33	16	26	18	34	19	22	18	25	17	21	17	35
09	24	12	28	13	31	10	30	09	21	12	18	16	29	21	18	22	22						
10	12	00	00	00	00	12	21	13	30	12	23	17	32	19	42	21	43	21	45	20	50	20	56
11	01	14	27	14	47	09	19	08	13	16	06	19	32	21	38	22	40	20	51	21	49	22	38
11	11	32	05	04	05	10	16	12	29	14	34	14	30	18	16	30	32						
11	24	13	24	12	22	11	09	13	14	14	18	15	24	19	35	21	32	22	30	22	32	24	20
12	12	00	00	07	01	08	00																
12	24	12	19	12	14	10	05	12	11	12	16	13	20	14	17	15	19	15	19				

Results of Upper Wind Observations,
MAWSON 1965

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	
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt
12	13	12	05	05	04	05	09	10														
12	13	24	11	15	13	19	11	10	12	08												
12	14	11	00	00	00	00	11	10														
12	14	24	25	07	21	03	16	07	14	06	14	14	23	10	20	07	22	08	18	04	24	08
12	15	11	26	04	00	00	00	00	00	00	27	04	28	05	28	07	30	07	27	06	27	11
12	15	24	12	17	09	09	09	08	12	10	11	11										
12	16	12	11	13	12	13	09	09	07	11	07	06										
12	16	24	12	21	12	23	10	05	12	09	12	15	15	11	13	05	10	06	07	04	25	05
12	17	11	11	14	11	15	11	20	11	20	12	16	12	33								
12	17	24	12	25	12	29	11	26	11	25	13	16	13	14	11	11	11	12	07	10	02	06
12	18	12	12	20	12	28	09	22														
12	18	24	11	27	13	40																
12	19	12	09	26																		
12	19	24	12	33	13	52	10	34														
12	20	11	11	19	12	25	10	18	09	18												
12	20	24	12	32	13	32	09	28	11	28	13	25	12	25	11	22	14	25	13	30	12	29
12	21	11	06	03	06	07	09	15	13	24	13	31	18	25								
12	21	24	33	14	31	10	02	13	09	19	10	11	17	20	16	20	19	16	20	29	19	27
12	22	11	00	00	00	00	11	26	12	24	16	25	13	05								
12	22	24	12	26	10	22	12	08	10	11	08	08	04	03	36	03	04	02	08	05	02	06
12	23	11	08	10	10	09	07	11														
12	23	24	12	06	14	05	10	05														
12	24	12	00	00	00	00	33	02	15	13												
12	24	24	12	26	10	23	08	22	09	25												
12	25	12	11	48																		
12	25	24	11	50																		
12	26	12	11	50																		
12	26	24	12	46	13	75	11	62														
12	27	12	06	17	06	16	09	22														
12	27	24	13	32	14	50																
12	28	11	11	38	13	36	12	56	10	53												
12	29	01	12	38	12	60	09	53														
12	29	11	11	32	13	38	10	22														
12	29	24	12	38	14	51	12	62	09	48	09	41										
12	30	12	12	24	12	37	12	53	09	43	09	35										
12	30	24	12	20	11	40	12	33	09	28	11	30	14	25	12	21	15	17	13	16	14	17
12	31	11	00	00	00	00	10	06	12	19	14	23	12	18								
12	31	24	12	10	11	07	13	10														

Results of Upper Wind Observations,
MAWSON 1965

DAY	HOUR GMT	40,000 FEET °×10	kt	45,000 FEET °×10	kt	50,000 FEET °×10	kt	55,000 FEET °×10	kt	60,000 FEET °×10	kt	65,000 FEET °×10	kt	70,000 FEET °×10	kt	75,000 FEET °×10	kt	80,000 FEET °×10	kt	85,000 FEET °×10	kt	90,000 FEET °×10	kt
05	01	06	09																				
07	24	32	07	35	08	36	07	36	08	36	04												
08	24	36	07	34	07	36	07	01	06	01	06												
09	12	35	07	35	09	32	09	34	05														
09	24	28	08	29	07	27	02	12	03	34	03												
10	24	26	17	26	13	28	11	25	07	00	00												
12	24	25	28	26	24	25	22	26	18	26	08												
20	02	25	21	23	12																		
23	24	30	03	32	04	28	04	34	01	00	00												
24	24	29	12	29	07	29	08	30	04	27	06												
25	12	31	22	30	15	29	09	32	09	32	24												
27	24	22	10	22	10	24	06	23	04	23	04												
28	24	22	06	26	05	23	06	29	08	27	03												
06	24	32	10	34	14	02	10																
07	05	11	03	01	11	32	05	07	05	25	05												
07	24	22	07	32	07	02	02	02	12														
08	11	27	10																				
08	24	31	07	33	14	36	07	33	02	36	06												
7	24	10	09	10	10	05	07	12	03	10	06												
8	05	09	07	08	09																		
0	24	33	04	25	03	07	02																
9	06	35	03																				
9	24	26	08	12	05	05	08	13	08	20	07												
1	24	36	01	29	03	02	03	08	02	14	05												
2	05	26	06	34	03	30	04																
3	24	19	05	30	02	18	05	03	03	22	05												
4	05	03	02	14	05	04	10	16	02	06	07												
5	05	03	02	12	03	06	03	32	01	35	07												
4	11	25	31	27	29																		
7	11	24	31	25	30	26	35	25	36														
2	11	27	62																				
0	11	23	21	24	36	24	52																
	11	26	38	26	50	26	51																
	11	25	36	26	38	26	50																
	12	26	56	27	60																		
	24	23	33	23	40																		
	11	26	41	26	50																		
	11	26	36	25	36	26	40	25	45	25	68												
	24	28	22	29	50																		
	11	27	19	29	24	29	30																
	11	25	48																				
	24	27	33	27	45	27	50	28	63	28	93												
	24	27	38	27	43	27	55	27	54														
	12	25	28	25	33	26	47	26	45	27	67												
	24	29	30	25	33	28	63	29	72														
	11	24	11	27	20	28	32	28	48	28	68												
	24	25	23	28	25	28	40	26	48														
	11	26	22	26	24	28	28																
	11	23	22	23	35	24	40	23	55	24	60												
	24	24	31	24	48	24	60																
	11	25	35	25	52	25	57	24	78	24	81												
	24	24	51	25	71	25	90	23	101														
	24	26	50	27	70	26	89	26	115														
	11	26	61	26	67	26	66																
	24	27	62	27	64																		
	24	27	37	28	54	29	77	26	108														
	11	27	30	28	47	28	59																
	24	30	45	30	61	30	80	30	113														
	24	27	20	28	28	30	36	29	42														
	11	27	31	28	36	30	35	30	45	30	58												
	24	26	30	27	30	28	59	24	35														

Results of Upper Wind Observations,
MAWSON 1965

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 FE
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10
11	05	24	30	45																			
11	07	24	28	15	29	18	30	25	29	32	30	45											
11	08	11	27	22	29	21	29	36	28	32	30	47											
11	08	24	27	10	27	23	29	30															
11	09	11	28	17	28	24	29	30															
11	10	24	25	33	26	51	25	43	26	60	26	67											
11	11	11	27	43	28	39	27	39															
11	11	24	26	48	27	58	28	30	29	57	29	60											
11	13	01	31	15	30	25																	
11	13	24	24	21	23	18	26	17															
11	14	24	20	13	22	20	20	14	23	10	31	17											
11	15	13	14	08	20	15	24	09	24	21	26	18											
11	16	24	20	21	21	20	24	23	24	27	25	30											
11	19	24	24	35	24	40	24	33	26	36	26	30											
11	20	24	29	36	29	35	28	35	29	31	29	32											
11	21	11	28	49																			
11	22	24	26	23	26	23																	
11	25	24	23	36																			
11	26	24	26	74	26	60	26	68	25	50	28	45											
11	27	11	26	63																			
11	27	24	25	61	25	82																	
11	28	11	25	54	25	62																	
11	28	24	26	31	27	26	27	51	27	38	25	36											
11	29	24	02	16	02	23	32	32	34	18	32	35											
11	30	11	31	16	32	25																	
11	30	24	27	33	29	18	29	21	29	25													
12	01	24	25	27	26	34	26	37	27	32	29	36											
12	02	24	30	14	31	12	32	16	31	21	30	19											
12	03	11	31	09	34	14	34	22	34	22	34	22											
12	03	24	01	10	35	14																	
12	04	11	35	11	33	10	35	12	34	19	35	16											
12	06	24	04	19	05	10	26	04	25	08													
12	07	11	03	14	01	09	26	02	30	06	02	08											
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12	11	01	22	26	21	22	29	08	27	11	22	05											
12	11	24	23	17	21	08	26	11	24	11													
12	14	24	21	26	21	33	22	30	23	21													
12	15	11	25	17																			
12	16	24	19	07																			
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12	21	24	18	11	20	08	17	03	00	00	07	09											
12	22	24	26	06	20	04	22	05	11	04	06	06											
12	30	24	16	06	12	10	11	10	14	07	17	05											

Results of Upper Wind Observations,
WILKES 1965

DATE & TIME	SURF DDFFF	1000 DDFFF	3000 DDFFF	5000 DDFFF	7000 DDFFF	10000 DDFFF	15000 DDFFF	20000 DDFFF	25000 DDFFF	30000 DDFFF	35000 DDFFF	40000 DDFFF	45000 DDFFF	50000 DDFFF	55000 DDFFF	60000 DDFFF
1 65 1 01 12	25 06	19 06	18 06	27 06	31 03	33 06	34 14	35 20	01 24	02 20	01 14	36 09	01 08	36 07		
1 65 1 02 12	25 05	22 06	12 04	09 06	14 10	16 06	11 08	15 06	05 06	05 09	09 04	11 04	13 04	12 03	11 02	
1 65 1 03 12	32 02	00 00	35 04	36 06	02 08	30 08	35 10	34 08	35 10	34 06	26 06	21 04	19 10	14 07	09 04	03 01
1 65 1 04 12	35 04	27 08	26 08	27 02	27 14	28 20	27 20	27 20	26 36	25 32	25 26	25 20	25 20	25 16	25 12	28 04
1 65 1 05 12	18 04	06 10	03 08	36 10	33 10	29 20	29 34	29 38	30 50	29 46	30 44	29 36	28 28	28 20	27 12	30 20
1 65 1 06 12	11 30	09 44	09 16	11 10	11 12	09 22	05 20	01 18	35 32	34 36	33 34	33 24	32 18	33 15	33 12	32 02
1 65 1 07 12	05 30	27 13	09 28	08 22	06 28	10 22	06 20	08 26	07 22	04 14	03 08	02 08	34 12	35 10	36 08	35 06
1 65 1 08 12	09 20	08 32	05 24	06 26	07 24	10 20	09 18	08 24	11 22	11 24	19 08	01 08	33 08	33 07	33 06	02 08
1 65 1 09 12	32 05		07 10	07 10	11 10	08 12	09 16	06 20	07 24	09 16	09 10	32 08	34 12	35 09	35 06	02 05
1 65 1 10 12	12 15	12 26	07 10	05 10	07 12	09 28	06 22	07 26	07 30	03 12	01 10	36 12	36 14			
1 65 1 11 12	14 04	06 16	07 22	06 22	06 22	07 26	11 34	11 24	09 12	11 08	07 08	05 06	04 08	04 08	05 10	
1 65 1 12 12	09 30	07 26	06 36	06 30	06 26	07 30	12 32	08 20	11 06	08 06	10 04	09 02	02 01	07 06	06 01	05 06
1 65 1 13 12	33 04				06 17	10 20	11 30	08 18	08 18	05 06	05 04	10 04	07 02	07 04	04 02	
1 65 1 14 12	36 04	04 05	07 05	13 06	12 10	08 10	09 12	08 04	34 04	33 04	18 04	12 01	13 03	16 04	13 06	11 06
1 65 1 15 12	30 04	20 06	20 04	14 06	16 12	15 14	14 06	20 14	22 14	23 10	23 12	24 11	24 10	22 10	20 10	19 06
1 65 1 16 12	03 08	01 11	34 14	30 18	29 12	27 08	25 14	24 24	23 30	24 32	25 26	24 26	25 22	25 16		
1 65 1 17 12	18 08	16 08	06 14	05 10	09 04	14 04	21 08	22 16	23 22	24 24	20 25	24 25	27 25	22 25	16	
1 65 1 18 12	00 00				26 14	27 16	27 12	27 16	27 18	27 32	26 40	27 30				
1 65 1 19 12	00 08	08 01	34 04	28 10	29 08	29 10	30 12	29 24	30 36	30 28	30 24	30 25				
1 65 1 20 12	22 08	17 10	08 06	06 12	36 04	25 01	26 01	26 16	26 16	27 17	29 18	28 18	29 18			
1 65 1 21 12	02 02	06 06	07 10	07 14	07 14	09 06	24 06	26 16	27 16	27 22	29 14	29 14	29 12	30 13	30 14	35 04
1 65 1 22 12	11 10	07 20	06 14	09 08	08 16	07 06	06 10	08 16	03 18	34 20	32 20	31 17	31 12	32 11	32 10	33 10
1 65 1 23 12																
1 65 1 24 12																
1 65 1 25 12	09 30	08 45	04 40	06 36	07 22	08 20	08 28	07 34	07 36	06 10	05 06	03 10	03 08	02 08	02 08	04 06
1 65 1 26 12	04 05	09 04	08 18	11 12	13 14	13 18	12 18	09 20	08 16	33 07	30 07	31 08	32 06			
1 65 1 27 12	02 07	08 08	07 17	06 09	06 10	04 08	04 06	27 16	27 44	28 38	28 26	29 17	30 15	31 14		
1 65 1 28 12	09 03	08 44	07 48	06 34	09 18	13 18				01 24	36 30	34 27	34 18	33 15	33 12	35 12
1 65 1 29 12	00 00	06 10	06 20	06 22	06 18	08 19	05 25	03 40	02 55	01 40	36 34	36 24	36 20	36 20	36 20	36 10
1 65 1 30 12	19 07	12 15	06 26	07 28	09 22	09 24	07 26	04 30	03 38	02 62	02 30	03 20	03 16	01 13		
1 65 1 31 12	31 10	11 06	09 10	12 08	07 14	10 34	11 34	10 26	10 24	10 32	09 20	06 14	03 08	03 07	03 06	18 02

DATE & TIME	SURF DDFFF	1000 DDFFF	3000 DDFFF	5000 DDFFF	7000 DDFFF	10000 DDFFF	15000 DDFFF	20000 DDFFF	25000 DDFFF	30000 DDFFF	35000 DDFFF	40000 DDFFF	45000 DDFFF	50000 DDFFF	55000 DDFFF	60000 DDFFF
65 1 01 24	00 00	17 03	09 08	10 06	13 14	07 16	07 16	07 14	06 14	04 14	05 10	06 08	05 06	05 06	05 04	06 08
65 1 02 24	05 06	04 04	00 00	00 00	00 00	00 00	18 02	15 04	09 04	06 04	05 03	17 04	16 04	16 04	13 02	
65 1 03 24	03 10		32 12	30 10	30 04	33 08	31 10	29 10	29 12	26 10	24 12	23 12	23 10	23 10	24 10	16 04
65 1 04 24	36 04				27 24	27 22	27 26	27 36	27 34	27 34	27 35	27 24	27 18	28 12	28 12	30 06
65 1 06 01	07 20	04 24	04 16	07 08	04 06	06 12	33 16	31 52	31 70	31 76	31 48	31 34	30 23	31 20	31 16	33 12
65 1 06 24	13 30	14 24	11 14	10 18	10 14	11 14	06 20	06 26	07 22	07 24	03 12	08 16	36 12	35 10	35 08	02 12
65 1 07 24	00 00	10 12	10 10	10 19	06 16	09 14	14 14	11 26	09 24	10 18	07 08	04 06	35 10	35 08	34 08	02 04
65 1 08 24	18 02	14 06	33 01	32 06	12 14	07 10	09 22	10 18	10 28	10 24	09 14	06 04	34 08	35 10	01 08	01 08
65 1 09 24	00 08	12 02	11 07	08 16	09 18	08 22	08 24	07 22	06 30	05 26	03 12	36 10	36 14	36 10	01 12	36 12
65 1 10 24	09 20	10 32	07 20	07 18	08 18	05 30	10 26	08 16	08 06	34 09	36 08	04 10	36 10	02 12	04 14	03 12
65 1 12 01	09 30	08 38	07 50	06 34	07 40	07 28	09 28	09 44	17 11	12 12	09 08	05 04	04 06	05 08	05 10	07 12
65 1 12 24	09 15	06 22	06 26	07 28	08 32	07 38	09 28	09 50	08 32	11 08	08 02	07 06	06 04	06 05	07 06	06 04
65 1 13 24	00 00	06 16	06 22	06 22	07 20	07 20	09 20	08 20	07 10	08 08	07 08	08 04	06 04	08 04	10 04	09 08
65 1 14 24	18 06	15 10	11 08	14 14	13 14	12 18	13 10	18 08	26 10	22 08	22 08	22 08	20 06	18 06	15 06	16 06
65 1 15 24	02 04	11 01	18 04	23 02	25 08	28 06	20 14	19 28	19 26	24 16	23 18	24 18	24 14	23 12	22 10	21 04
65 1 16 24	09 12	06 08	05 06	06 06	07 06	12 04	19 04	23 04	23 28	24 18	27 18	26 22	25 20	26 18	26 18	
65 1 17 24	20 04	21 06	22 04	26 06	25 08	29 10	24 12	25 20	25 22	26 24	26 26	26 24	26 20	26 18	26 16	30 12
65 1 18 24	18 02	26 02	27 06	27 16	27 12	27 14	28 19	27 38	28 40	29 34	28 33	29 31	28 27	28 22	29 17	29 12
65 1 19 24	03 08	05 04	07 08	05 04	06 02	24 06	23 08	25 20	27 25	29 22	29 18	29 20	29 16	30 15	31 14	31 10
65 1 20 24	36 02	09 04	04 12	04 12	31 10	29 06	27 12	26 28	26 40	27 26	29 18	30 18	29 12	30 12	33 10	33 10
65 1 21 24	09 16	06 20	07 12	09 08	09 10	04 10	07 04	03 07	03 07	35 08	31 14	30 13	31 12	31 12	32 12	34 06
65 1 22 24	00 00	35 01	03 02	08 10	08 14	11 20	04 11	35 24	33 48	33 46	33 30	34 24	34 14	34 13	35 12	01 10
65 1 23 24	12 50	10 60	06 36	07 32	11 20	10 24	09 40	10 44	10 56	12 40	09 12	07 14	03 16	04 15	05 14	02 10
65 1 24 24	09 24	08 40	06 42	06 40	06 34	08 32	06 34	06 36	06 38	06 14	05 14	03 12	03 14	03 14	02 16	
65 1 26 01	27 04	16 06	06 28	05 22	07 20	08 16	11 34	09 34	10 26	12 12	05 04	01 08	01 04	02 04	01 06	36 06
65 1 26 24	29 02	06 04	06 12	09 08	08 10	08 06	08 08	07 10	04 08							
65 1 27 24	09 18	04 36	05 28	06 20	07 30	06 22	03 20	35 20	33 34	33 40						
65 1 28 24	02 18		06 24	06 20	07 14	06 24	02 24	35 28	33 24	35 20	36 32	35 26	35 24	35 21	35 18	36 10
65 1 29 24	18 02	17 04	07 12	06 32	06 18	07 24	05 20	03 34	02 50	02 60	02 30	03 30	36 20	02 22	01 12	03 12
65 1 30 24	12 06	11 28	08 40	07 36	08 42	06 36	09 38	09 35	08 40	05 40	05 24	05 20	05 12	05 13	05 14	35 06
65 1 31 24	22 06	19 06	11 12	09 14	07 27	08 24	09 22	10 26	09 30	09 28	08 10	06 10	02 04	04 06	04 06	30 05

Results of Upper Wind Observations,
WILKES 1965

NO	DATE & TIME	SURF DDFFF	1000 DDFFF	3000 DDFFF	5000 DDFFF	7000 DDFFF	10000 DDFFF	15000 DDFFF	20000 DDFFF	25000 DDFFF	30000 DDFFF	35000 DDFFF	40000 DDFFF	45000 DDFFF	50000 DDFFF	55000 DDFFF	60000 DDFFF
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611	65 2 03 12	02 03	12 04	12 12	12 14	14 30	17 30	19 38	20 48	20 50	21 36	23 30	26 26	26 20	25 18	25 16	26 14
611	65 2 04 12	05 08	05 08	08 04	11 12	16 16	18 22	21 30	21 40	22 48	23 40	24 26	27 18	26 26	26 24	26 20	29 12
611	65 2 05 12	05 08	07 06	08 04	04 04	29 04	24 08	26 30	26 46	26 56	26 40	26 26	26 26	26 27	26		
611	65 2 06 10	09 18	06 28	04 14	08 12	02 08	33 12	32 20	30 24	31 38	30 32	30 24	29 24	32 18	30 20	29 20	30 16
611	65 2 07 11	09 40	10 18	05 14	03 10	05 12	10 34	06 20	04 24	03 24	05 12	35 26	34 16	29 10			
611	65 2 08 12																
611	65 2 09 12	09 20	07 23	05 14	06 08	10 16	08 23	04 37	04 43	04 60	02 45	32 23	32 23	31 21	30 15	30 14	
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611	65 2 11 12	09 04	10 18	04 14	11 10	12 14	07 16	02 14	31 16	36 23	36 23	36 16					
611	65 2 12 12	03 10			15 04	14 08	14 10	06 18	03 32	01 64	02 30	36 24	36 20	01 16	02 14	31 06	01 04
611	65 2 13 12	00 00		06 16	05 22	05 02	18 14	05 18	06 20	02 18	06 25	01 23	01 17				
611	65 2 14 12	22 30	11 46	07 20	06 17	07 19	06 22	07 35	06 67	05 40	05 30	04 22	04 23	04 20	02 15	04 06	04 14
611	65 2 15 12	10 10		07 10	07 20	10 20	09 38	08 38	07 34	10 32	09 40	06 40	06 15	06 14	05 18	06 12	07 16
611	65 2 16 12	35 02				10 14	11 15	11 22	11 23	12 32	12 29	11 20	11 19	10 15			
611	65 2 17 12	00 00	36 14	15 04	08 10	10 04	12 08	28 04	12 08	12 16	11 06	12 07	13 08	05 06	07 17	07 18	02 12
611	65 2 18 12	16 04	00 00					03 08	02 06	02 10	11 06	17 02	02 01				
611	65 2 19 12																
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611	65 2 25 12	22 03	12 05	09 13	09 15	10 17	12 20	06 13	08 12	07 10	08 10	04 04	04 04	04 04	03 06		
611	65 2 26 12	00 00	09 06	09 08	08 15	12 17	11 23	10 31	10 16	13 13	11 11	10 20	08 04	07 08	03 06		
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611	65 2 28 12	00 00	20 02	09 10	09 12	14 14	10 18	09 23	08 28	09 19	07 04	33 02	32 08	30 10	36 04		

NO	DATE & TIME	SURF DDFFF	1000 DDFFF	3000 DDFFF	5000 DDFFF	7000 DDFFF	10000 DDFFF	15000 DDFFF	20000 DDFFF	25000 DDFFF	30000 DDFFF	35000 DDFFF	40000 DDFFF	45000 DDFFF	50000 DDFFF	55000 DDFFF	60000 DDFFF
611	65 2 01 24	04 06	07 05	13 04	12 10	12 24	12 28	12 20	12 24	13 26	16 20	17 10	32 04	30 04	29 05	27 07	21 02
611	65 2 03 00	09 04	03 02	22 06	13 16	16 22	16 22	18 29	19 37	18 44	19 34	22 24	23 14	26 14	25 14	25 08	25 12
611	65 2 04 02	18 04	16 06	10 10	12 14	14 22	17 22	19 30	20 38	20 48	23 40	24 26	26 22	27 18	27 17	27 18	30 10
611	65 2 05 00	05 10	03 06	10 04	16 04	16 08	22 08	23 24	25 38	25 44	25 30	26 24	26 22	27 20	27 19	28 18	02 08
611	65 2 06 00	09 07	07 16	11 16	08 12	35 10	32 09	28 26	30 50	28 59	27 40	28 40	30 22	29 20	29 18	29 16	29 18
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611	65 2 08 00																
611	65 2 09 00	09 26	10 26	06 35	06 35	05 41	05 45	05 27	05 48	06 61	06 76	04 35	04 35	32 08	33 09	29 11	27 11
611	65 2 10 00	09 50							03 45	02 49	01 43	35 39	35 31	31 31	32 19	31 17	31 20
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611	65 2 13 00	00 00	00 00	09 10	07 14	08 12	09 14	07 29	06 29	05 43	05 45	03 21	03 20	33 21	35 22	03 15	02 14
611	65 2 14 00	04 30		07 42	07 20	06 14	03 24	01 34	01 40	36 50	02 32	01 26	02 20	02 22	02 14	35 18	04 22
611	65 2 15 01	09 30	11 20	08 25	08 32	09 29	10 40	08 40	07 54	07 75	33 16	05 48	05 35	06 40			
611	65 2 16 00	11 10	12 02	28 02	09 08	12 08	11 21	10 10	11 08	11 18	11 12	13 08	05 12	12 10	11 18		
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Results of Upper Wind Observations,
WILKES 1965

NO	DATE & TIME	SURF DDFFF	1000 DDFFF	3000 DDFFF	5000 DDFFF	7000 DDFFF	10000 DDFFF	15000 DDFFF	20000 DDFFF	25000 DDFFF	30000 DDFFF	35000 DDFFF	40000 DDFFF	45000 DDFFF	50000 DDFFF	55000 DDFFF	60000 DDFFF
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NO	DATE & TIME	SURF DDFFF	1000 DDFFF	3000 DDFFF	5000 DDFFF	7000 DDFFF	10000 DDFFF	15000 DDFFF	20000 DDFFF	25000 DDFFF	30000 DDFFF	35000 DDFFF	40000 DDFFF	45000 DDFFF	50000 DDFFF	55000 DDFFF	60000 DDFFF
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Results of Upper Wind Observations,
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NO	DATE & TIME	SURF DDFFF	1000 DDFFF	3000 DDFFF	5000 DDFFF	7000 DDFFF	10000 DDFFF	15000 DDFFF	20000 DDFFF	25000 DDFFF	30000 DDFFF	35000 DDFFF	40000 DDFFF	45000 DDFFF	50000 DDFFF	55000 DDFFF	60000 DDFFF
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NO	DATE & TIME	SURF DDFFF	1000 DDFFF	3000 DDFFF	5000 DDFFF	7000 DDFFF	10000 DDFFF	15000 DDFFF	20000 DDFFF	25000 DDFFF	30000 DDFFF	35000 DDFFF	40000 DDFFF	45000 DDFFF	50000 DDFFF	55000 DDFFF	60000 DDFFF
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Results of Upper Wind Observations,
WILKES 1965

WO	DATE & TIME	SURF DDFFF	1000 DDFFF	3000 DDFFF	5000 DDFFF	7000 DDFFF	10000 DDFFF	15000 DDFFF	20000 DDFFF	25000 DDFFF	30000 DDFFF	35000 DDFFF	40000 DDFFF	45000 DDFFF	50000 DDFFF	55000 DDFFF	60000 DDFFF
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DATE & TIME	SURF DDFFF	1000 DDFFF	3000 DDFFF	5000 DDFFF	7000 DDFFF	10000 DDFFF	15000 DDFFF	20000 DDFFF	25000 DDFFF	30000 DDFFF	35000 DDFFF	40000 DDFFF	45000 DDFFF	50000 DDFFF	55000 DDFFF	60000 DDFFF
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COLUMN HEADINGS ARE ALTITUDES IN FEET [illegible]

Results of Upper Wind Observations,
WILKES 1965

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Results of Upper Wind Observations, WILKES 1965

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[illegible]	[illegible]	3[illegible] 0[illegible]	22 10	27 10	25 04	25 17	2[illegible] 14	24 21	26 40	26 54	27 50	27 44	27 53	26 46	26 45	26 46	26 46
[illegible]	[illegible]	05 0[illegible]	[illegible]	71 07	27 0[illegible]	27 06	2 1[illegible]	27 34	28 43	28 52	26 48	28 38	28 38	28 42	28 38	28 34	28 33

Results of Upper Wind Observations, WILKES 1965

NO	DATE & TIME	SURF DDFFF	1000 DDFFF	3000 DDFFF	5000 DDFFF	7000 DDFFF	10000 DDFFF	15000 DDFFF	20000 DDFFF	25000 DDFFF	30000 DDFFF	35000 DDFFF	40000 DDFFF	45000 DDFFF	50000 DDFFF	55000 DDFFF	60000 DDFFF
611	65 12 01 12																
611	65 12 02 12																
611	65 12 03 12																
611	65 12 04 12																
611	65 12 05 12																
611	65 12 06 12																
611	65 12 07 12																
611	65 12 08 12																
611	65 12 09 12																
611	65 12 10 12																
611	65 12 11 12																
611	65 12 12 12																
611	65 12 13 12																
611	65 12 14 12																
611	65 12 15 12																
611	65 12 16 12																
611	65 12 17 12																
611	65 12 18 12																
611	65 12 19 12																
611	65 12 20 12																
611	65 12 21 12																
611	65 12 22 12																
611	65 12 23 12	03 06	12 06	25 04	00 00	00 00	10 04	16 10	13 09	06 06	04 10	06 04	34 10	34 06	05 06	02 04	
611	65 12 24 12	00 00	00 00	00 00	00 00	00 00	00 00	00 00									
611	65 12 25 12																
611	65 12 26 12																
611	65 12 27 12	04 10	02 07	04 04	33 04	21 06	20 14	24 36	24 52	25 54							
611	65 12 28 12	13 02	15 06	11 08	08 12	08 12	24 04	24 25	23 52	24 50	25 45	24 37	24 35	24 27	24 27	27 14	24 07
611	65 12 29 12	00 00	12 06	13 10	14 11	16 12	12 18	22 30	23 52	24 58	24 58	24 43	24 41	25 23	23 18	23 24	23 31
611	65 12 30 12	00 00					06	22 36	12 34	20 33	22 33	33 30	14 29	14 28	12 27	10 27	08 34 04
611	65 12 31 12	09 28	05 45	04 35	05 12	08 10	08 18	33 22	32 24	32 25	32 21	33 20	34 14	34 10	32 12	34 06	

NO	DATE & TIME	SURF DDFFF	1000 DDFFF	3000 DDFFF	5000 DDFFF	7000 DDFFF	10000 DDFFF	15000 DDFFF	20000 DDFFF	25000 DDFFF	30000 DDFFF	35000 DDFFF	40000 DDFFF	45000 DDFFF	50000 DDFFF	55000 DDFFF	60000 DDFFF
611	65 12 02 01	18 06	12 05	06 19	09 17	04 14	35 13	32 19	30 17	32 26	31 29	31 35	30 38	30 38	31 37	30 28	30 26
611	65 12 03 01	09 25	05 32	03 21	04 20	05 19	06 26	03 18	03 10	36 19	35 19	32 22	30 26	30 29	30 30	30 26	30 25
611	65 12 03 24	00 00	26 04	05 09	09 14	07 18	06 14	04 14	34 11	28 12	32 18	33 21	32 21	32 19	31 23	31 19	31 19
611	65 12 05 02	00 00	15 04	06 16	07 20	08 25	06 22	07 20	07 21	07 21	05 16	36 16	34 16	32 19	32 12	32 16	32 10
611	65 12 05 24	00 00	04 04	08 21	07 32	08 18	09 20	08 23	07 23	08 29	04 16	35 11	35 14	01 12	36 11	01 06	03 08
611	65 12 07 02	21 10			03 08	05 14	09 20	12 23	11 13	15 04	02 06	01 09	01 13	02 15	02 14	02 11	01 12
611	65 12 08 02	18 06	22 10	17 06	11 05	12 13	09 05	14 12	36 06	01 08	01 11	36 12	33 16	32 20	34 13	35 11	35 11
611	65 12 08 24																
611	65 12 09 24																
611	65 12 10 24	00 00	33 02	23 04	09 06	10 14	16 26	11 37	09 29	09 29							
611	65 12 11 24	03 12	02 16	34 21	34 14	33 14	06 05	15 08	18 09	18 10	21 11	20 16	22 28	22 27	20 16		
611	65 12 13 02	00 00	00 00	06 02	11 03	08 10	15 07	22 11	24 21	25 20	25 19	27 14	28 08	33 08	27 07	26 08	28 06
611	65 12 13 24	03 07	35 04	25 04	25 02	36 06	28 05	24 24	24 21	25 23	24 23	25 21	25 21	27 10	28 10	27 10	25 12
611	65 12 14 24	02 10	05 06	14 08	14 16	17 10	21 14	23 21	24 46	25 53	25 50	26 36	26 37	26 37			
611	65 12 16 01	06 06	04 12	07 04	09 02	05 12	16 07	24 14	24 33	25 35	26 35	27 33	28 33	28 29	28 25	23 29	22 14
611	65 12 16 24	09 25	08 30	05 22	08 16	09 14	07 22	02 09	32 26	32 42	32 54	31 37	31 29	31 29	32 31	32 27	
611	65 12 17 24																
611	65 12 19 12	02 05		07 12	07 22												
611	65 12 19 24																
611	65 12 21 03	24 03	29 05	12 06	14 12	13 09	18 12	12 31	14 28	14 22	14 20	08 04	06 14	04 08	03 18	01 12	02 10
611	65 12 22 02	07 30	05 42	04 36	05 29	05 25	06 22	06 25	07 28	14 19	16 10	04 12	01 08	01 08	03 12	02 10	03 14
611	65 12 22 24	23 04	09 08	04 12	08 10	09 16	10 21	11 10	07 12	06 07	03 10	02 08	36 08	02 06	02 10	03 08	04 10
611	65 12 23 24	00 00	14 04	14 06	20 07	15 02	18 04	16 04	16 10	15 09	09 10	04 08	34 04	02 06	36 04	07 04	03 08
611	65 12 24 24	03 05	24 04	26 05	23 04	16 02	14 04	15 07	16 06	19 06	14 03	21 06					
611	65 12 25 24																
611	65 12 26 24	00 00	22 02	13 04	10 05	16 14	20 24	22 40	22 71	22 76							
611	65 12 27 24	05 09	06 11	05 08	05 12	07 06	20 06	27 25	28 31	28 44	27 25	26 25	25 25	25 25	26 18	25 16	21 07
611	65 12 28 24	26 02	18 06	19 09	14 09	14 10	20 02	22 42	24 62	24 67	24 58	24 44	25 29	24 30	25 18	25 12	23 08
611	65 12 30 02	02 04	21 14	21 14	22 14	20 08	22 08	10 06	09 17	10 27	10 40	09 21	08 12	08 10	08 09	06 10	10 04
611	65 12 30 24	12 15	09 11	05 14	04 14	05 08	08 17	04 23	04 30	36 20	33 26	32 14	32 14	31 13	33 10	34 06	36 08
611	65 12 31 24																

Results of Upper Wind Observations,
MACQUARIE ISLAND 1965

DATE & TIME	65 DDFFF	70 DDFFF	75 DDFFF	80 DDFFF	85 DDFFF	90 DDFFF	95 DDFFF	100 DDFFF	105 DDFFF	110 DDFFF	115 DDFFF	120 DDFFF	MAX WIND HHH DDFFF	MAX LEVEL HHH DDFFF
8 65 1 05 11	32 05													197 32 05
8 65 1 21 11	36 04													206 36 05
8 65 1 30 11	28 06													208 16 05
8 65 1 11 23	01 12 07 13													214 07 13
8 65 1 15 23	33 11												113 30 60	202 33 11
8 65 2 11 11	03 07													202 31 06
8 65 2 17 11	27 01													212 34 03
8 65 2 19 11	26 09 10 04													217 21 02
8 65 2 14 23	09 10 03 05												080 23 52	219 10 10
8 65 2 17 23	36 04													193 36 04
8 65 2 19 23	26 05													210 32 01
8 65 2 23 23	36 20													195 36 20
8 65 2 26 23	32 16													193 32 16
8 65 3 03 23	32 16													204 32 16
8 65 3 15 23	28 16												084 25 65	210 27 21
8 65 4 13 11	24 39												111 23 71	197 24 39
8 65 5 13 23	32 25 26 32												120 27 57	213 26 32
8 65 6 06 23	31 26													197 31 20
8 65 6 22 23	31 19												097 27101	197 31 19
8 65 6 26 23	32 11													198 32 11
8 65 12 09 23	26 09												092 24 84	199 26 09

Results of Upper Wind Observations,
MAWSON 1965

NO	DATE & TIME	65 DDFFF	70 DDFFF	75 DDFFF	80 DDFFF	85 DDFFF	90 DDFFF	95 DDFFF	100 DDFFF	105 DDFFF	110 DDFFF	115 DDFFF	120 DDFFF	MAX WIND HHH	MAX WIND DDFFF	LEVEL HHH	LEVEL DDFFF
986	65 1 07 24	36 11														208	36 14
986	65 1 08 24	05 09														208	05 03
986	65 1 10 24	10 10														200	10 10
986	65 1 12 24	09 04	07 20													224	04 10
986	65 1 23 24	00 00														167	00 00
986	65 1 24 24	05 04	34 06													214	34 06
986	65 1 27 24	13 05														205	06 02
986	65 1 28 24	22 04														208	03 03
986	65 2 25 05	35 04	36 07	35 07												238	34 07
986	65 2 08 24	07 06	05 05													224	36 05
986	65 2 17 24	06 11														211	08 08
986	65 2 19 24	04 09	04 02													217	20 05
986	65 2 21 24	06 05	14 03													217	14 03
986	65 2 23 24	35 03	01 04													221	17 09
986	65 0 18 11	29 72	28107											213	28107	213	28107
986	65 0 22 11	24 70												201	24 76	201	24 76
986	65 0 23 11	24 98												201	24100	201	24100
986	65 11 08 11	29 46	30 45											204	30 60	210	30 45
986	65 11 06 24	29 54														003	12 45
986	65 11 10 24	26 73												193	27 80	199	26 66
986	65 11 11 24	30 58	30 88											211	30 88	211	30 88
986	65 11 14 24	28 13														196	28 13
986	65 11 16 24	29 23														205	27 24
986	65 11 28 24	27 47												176	27 58	205	27 08
986	65 11 29 24	32 36														199	32 38
986	65 12 03 11	33 16	31 20													219	31 08
986	65 12 07 11	28 05														207	29 07
986	65 12 02 24	32 15														195	32 15
986	65 12 07 24	03 09														208	35 08
986	65 12 08 24	06 08														208	29 03
986	65 12 11 01	04 09												085	21 53	207	03 13
986	65 12 17 24	20 04														195	20 04
986	65 12 20 24	08 09	08 15													217	08 12
986	65 12 21 24	09 12														200	09 12
986	65 12 22 24	11 07														195	11 07
986	65 12 30 24	10 15														202	12 17

Results of Upper Wind Observations,
WILKES 1965

NO	DATE & TIME	65 DDFFF	70 DDFFF	75 DDFFF	80 DDFFF	85 DDFFF	90 DDFFF	95 DDFFF	100 DDFFF	105 DDFFF	110 DDFFF	115 DDFFF	120 DDFFF	MAX HHH	WIND DDFFF	MAX HHH	LEVEL DDFFF
611	65 1 04 12	18 01															
611	65 1 05 12	33 05														066	18 01
611	65 1 06 12	01 06												026	30 58	067	00 00
611	65 1 06 12	01 04												001	09 44	066	01 08
611	65 1 21 12	35 04														066	01 04
611	65 1 22 12	35 06														066	34 04
611	65 1 31 12	09 06														065	35 08
																066	09 06
611	65 1 01 24	07 10	07 10	07 12	09 16	09 18	09 18										
611	65 1 03 24	12 05	09 08	09 12	09 14	09 15										090	09 18
611	65 1 04 24	35 04	04 08	06 10	05 08	07 16	07 14									088	09 16
611	65 1 06 01	61 10														091	07 14
611	65 1 06 24	02 10	03 10	05 14	06 20									028	31 82	065	31 10
611	65 1 07 24	05 12	05 12	05 12	07 20	07 22										082	06 26
611	65 1 08 24	03 10	06 12	06 14	08 16	06 16	06 20	07 20	08 16							068	07 22
611	65 1 09 24	36 08	05 12	05 14	05 12	07 14	07 14	07 26	08 36	07 26						100	08 16
611	65 1 10 24	04 11	05 12	05 14	06 16	06 16	07 18	08 20								105	07 26
611	65 1 12 24	07 12	04 10													095	08 20
611	65 1 13 24	07 12	07 12	07 12	08 14	07 16	08 18	09 18	10 20							074	08 10
611	65 1 14 24	10 06	10 06	09 10	08 10	06 10										104	10 22
611	65 1 15 24	16 01	10 04	10 06	09 12	09 14	07 16	08 16								087	09 12
611	65 1 17 24	01 04	03 04	05 08	07 08	08 08	08 09									099	14 10
611	65 1 18 24	32 07	36 06	36 06	35 07	04 10	08 10									092	08 10
611	65 1 19 24	35 08	02 08	03 08	05 06	06 12	05 08	07 14	07 16							093	08 08
611	65 1 20 24	06 02	06 06	05 06	05 08	07 10	08 12	08 14								091	07 16
611	65 1 21 24	01 04	02 05	05 05	07 08	06 10	06 10	07 14								099	09 14
611	65 1 22 24	02 08	02 10	04 14	06 14	05 10	08 16	06 22	05 24							098	07 16
611	65 1 23 24	03 10	05 16	05 16										029	33 58	101	05 24
611	65 1 26 01	03 06	03 06	05 08										001	10 68	077	06 20
611	65 1 28 24	01 10	05 06													077	06 18
611	65 1 29 24	04 12	03 12	08 06	07 12	07 10	07 06									070	05 06
611	65 1 30 24	09 08	08 14	04 06										030	02 76	092	08 04
611	65 1 31 24	07 06	09 06	02 06	08 06	06 10	06 10							050	06 54	077	16 14
																277	06 10
611	65 2 01 12	16 06															
611	65 2 03 12	29 08														196	16 06
611	65 2 06 10	29 06												070	20 64	192	29 08
611	65 2 14 12	08 30	31 14	06 28												100	29 06
														060	06 67	252	06 28
611	65 2 01 24	27 07	05 02	03 04	22 06	12 06	13 02										
611	65 2 03 00	25 08	30 04	05 06	18 02	13 05	12 06									272	13 02
611	65 2 04 02	29 11	29 01	31 04	01 06	20 10	07 06	07 08								284	17 06
611	65 2 05 00	30 10	36 04	02 06	03 04	10 02								084	20 56	308	06 06
611	65 2 06 00	30 10	30 12	31 12	30 10	20 10	09 06									263	10 02
611	65 2 07 00	32 08	32 08	32 09	32 10	07 04								079	28 63	285	09 01
611	65 2 09 00	27 12	33 11	35 05	35 05	27 07	05 05	05 13	00 00	00 00						265	11 02
611	65 2 10 00	31 10	31 09	34 10	25 05	01 02	01 06	01 10						081	06 80	321	00 00
611	65 2 11 01	35 09														296	01 10
611	65 2 12 00	02 10	02 06	02 06	02 04	06 06	04 12	03 14								208	01 05
611	65 2 13 00	01 10	36 10	02 14	15 06	06 00										303	02 18
611	65 2 14 00	00 00	05 26													269	04 10
611	65 2 17 00	06 08	10 16	07 18	07 18	08 08								086	36 50	257	02 12
611	65 2 18 00	08 06	08 13	03 06	09 06	06 08										283	06 08
611	65 2 19 00	05 04	06 02	05 06	11 04	13 04	11 04									285	08 08
611	65 2 20 02	02 02	04 04	07 06	05 09	25 04										304	11 04
611	65 2 21 01	02 08	35 07	36 06	09 10	06 04	08 20									281	23 02
611	65 2 22 01	05 14	01 08											081	08 60	301	08 20
611	65 2 23 00	13 06	03 06											071	07 59	232	07 08
611	65 2 25 00	03 10	05 12	02 08	36 10	36 10	33 04									235	07 21
611	65 2 27 00	06 12	31 10	27 06												314	34 10
611	65 2 28 00	02 04	28 09	36 10	07 04	27 10										255	27 08
611	65 2 28 24	32 06	07 08	27 10	33 04	20 12	06 18	31 22	22 46	29 12	28 10					260	27 10
																340	28 10

Results of Upper Wind Observations,
WILKES 1965

NO	DATE & TIME	65 DDFFF	70 DDFFF	75 DDFFF	80 DDFFF	85 DDFFF	90 DDFFF	95 DDFFF	100 DDFFF	105 DDFFF	110 DDFFF	115 DDFFF	120 DDFFF	MAX WIND HHH DDFFF	MAX LEVEL HHH DDFFF
611	65 1 04 12	18 01													066 18 01 0
611	65 1 05 12	30 05												026 30 58	067 00 00 0
611	65 1 06 12	01 08												001 09 44	066 01 08 0
611	65 1 08 12	01 04													066 01 04 0
611	65 1 21 12	35 04													066 34 04 0
611	65 1 22 12	35 08													065 35 08 0
611	65 1 31 12	09 06													066 09 06 0
611	65 1 01 24	07 10	07 10	07 12	09 16	09 18	09 18								090 09 18 0
611	65 1 03 24	12 05	09 08	09 12	09 14	09 15									088 09 16 0
611	65 1 04 24	35 04	04 08	06 10	05 08	07 16	07 14								091 07 14 0
611	65 1 06 01	01 10												028 31 82	065 31 10 0
611	65 1 06 24	02 10	03 10	05 14	06 20										082 06 26 0
611	65 1 07 24	05 12	05 12	05 12	07 20	07 22									088 07 22 0
611	65 1 08 24	03 10	06 12	06 14	08 16	06 16	06 20	07 20	08 16						100 08 16 0
611	65 1 09 24	36 08	05 12	05 14	05 12	07 14	07 14	07 26	08 36	07 26					105 07 26
611	65 1 10 24	04 11	05 12	05 14	06 16	06 16	07 18	08 20							095 08 20
611	65 1 12 24	07 12	04 10												074 08 10
611	65 1 13 24	07 12	07 12	07 12	08 14	06 16	08 18	09 18	10 20						104 10 22
611	65 1 14 24	10 06	10 06	09 10	08 10	08 10									087 09 12
611	65 1 15 24	16 01	10 04	10 06	09 12	09 14	07 16	08 16							099 14 10
611	65 1 17 24	01 04	03 04	05 08	07 08	08 08	08 09								092 08 10
611	65 1 18 24	32 07	36 06	36 06	35 07	04 10	08 10								093 08 08
611	65 1 19 24	35 08	02 08	03 08	05 06	06 12	05 08	07 14	07 16						091 07 16
611	65 1 20 24	06 08	06 06	05 08	05 08	07 10	08 12	08 14							099 09 14
611	65 1 21 24	01 04	02 05	05 05	05 07	08 06	10 06	10 07	14						098 07 16
611	65 1 22 24	02 08	02 10	04 14	06 14	05 10	08 16	06 22	05 24					029 33 58	101 05 24
611	65 1 23 24	03 10	05 16	05 16										001 10 68	077 06 20
611	65 1 26 01	03 06	03 06	05 08											077 06 18
611	65 1 28 24	01 10	05 06												070 05 06
611	65 1 29 24	04 12	03 12	08 06	07 12	07 10	07 06							030 02 76	092 08 04
611	65 1 30 24	09 08	08 14	04 06										050 06 54	077 16 14
611	65 1 31 24	07 06	09 06	02 06	08 06	08 10	06 10								277 06 10
611	65 2 01 12	16 06													196 16 06
611	65 2 03 12	29 08												070 20 64	192 29 08
611	65 2 06 10	29 06													100 29 06
611	65 2 14 12	08 30	31 14	06 28										060 06 67	252 06 28
611	65 2 01 24	27 07	08 02	03 04	22 06	13 06	13 02								272 13 02
611	65 2 03 00	25 08	30 04	05 06	18 02	13 05	12 06								284 17 06
611	65 2 04 02	29 11	29 01	31 04	01 06	20 10	07 06	07 08						084 20 56	308 06 06
611	65 2 05 00	30 10	36 04	02 06	03 04	10 02									263 10 02
611	65 2 06 00	30 10	30 12	31 12	30 10	29 10	09 06							079 28 63	285 09 01
611	65 2 07 00	32 08	32 08	32 09	32 10	07 04									265 11 02
611	65 2 09 00	27 12	33 11	35 05	35 05	27 07	05 05	05 13	00 00	00 00				081 06 80	321 00 00
611	65 2 10 00	31 10	31 09	34 10	25 05	01 02	01 06	01 10							296 01 10
611	65 2 11 01	35 09													208 01 05
611	65 2 12 00	02 10	02 06	02 06	02 04	08 06	04 12	03 14							303 02 18
611	65 2 13 00	01 10	36 10	02 14	15 06	00 00									269 04 10
611	65 2 14 00	00 00	05 26											086 36 50	257 02 12
611	65 2 17 00	06 08	10 18	07 18	07 18	06 08									283 06 08
611	65 2 18 00	08 06	08 13	03 06	09 06	06 08									285 08 08
611	65 2 19 00	05 04	06 02	05 06	11 04	19 04	11 04								304 11 04
611	65 2 20 02	02 02	04 04	07 06	05 09	23 04									281 23 02
611	65 2 21 01	02 08	35 07	36 08	09 10	09 04	08 20							081 08 60	301 08 20
611	65 2 22 01	05 14	01 08											071 07 59	232 07 08
611	65 2 23 00	13 08	03 06												235 07 21
611	65 2 25 00	03 10	05 12	02 08	36 10	32 10	33 04								314 34 10
611	65 2 27 00	06 12	31 10	27 08											255 27 08
611	65 2 28 00	02 04	28 09	36 10	07 04	27 10									260 27 10
611	65 2 28 24	32 08	07 08	27 10	33 04	26 12	06 18	31 22	22 46	29 12	28 10				340 28 10

Results of Upper Wind Observations,
WILKES 1965

0 DATE & TIME	65 DDFFF	70 DDFFF	75 DDFFF	80 DDFFF	85 DDFFF	90 DDFFF	95 DDFFF	100 DDFFF	105 DDFFF	110 DDFFF	115 DDFFF	120 DDFFF	MAX HHH	WIND DDFFF	MAX HHH	LEVEL DDFFF
11 65 7 02 24	30 90	29101	30150													
11 65 7 03 24	30 92	30101											231	30151	243	27 95
11 65 7 19 24	30 58	30 72	28 78										220	30122	220	30122
11 65 7 21 01	28 73	29 69	29 86										222	29 86	233	28 71
11 65 7 23 01	29 52	29 86	29 94	29124									238	29 94	238	29 94
11 65 7 25 24	27 88	27 92	27 98										243	29128	243	29128
11 65 7 26 24	28 86	28103	28103										232	28109	232	28109
11 65 7 27 24	29 42												229	28103	229	28103
													207	14 79	207	79 14
11 65 8 01 24	28 66															
1 65 8 08 02	27 89	27 85	27122	27 86	27 97	27140	27128						198	28 66	208	27 59
1 65 8 11 24	27 59	27 89											230	27164	309	27114
1 65 8 16 24	28 84	28 95	27145										226	27 99	226	27 99
1 65 8 17 24	31 74	30 91	30 93	30123									231	27166	231	27166
1 65 8 22 01	24 69	26 61											244	30123	244	30123
1 65 8 22 24	27 57	27 54											095	08 95	215	26 61
1 65 8 23 24	28 59	28 67	28 82	29 78	29 80								222	27 65	222	27 65
1 65 8 26 24	27 56	27 69	27105										236	28 88	261	29 80
1 65 8 27 24	26 73	28101	28 94										243	26105	243	26105
1 65 8 30 24	28 76	28 81	28107										242	28107	242	28107
1 65 8 31 24	26 68												236	28109	236	28109
													206	26 70	206	26 70
1 65 9 01 24	28 58	29 78	28 80	28 99	29 113	28103	28113									
1 65 9 02 24	28 66												253	28115	288	28112
1 65 9 04 01	30 56	30 89	30 93	30113	30 97								208	28 78	208	28 78
1 65 9 04 24	30 74	30 58	30 70	30 66									268	30117	268	30117
1 65 9 05 24	26 40	27 52	27 48	27 69	27 82	27 76	27 90						197	30 74	248	30 66
1 65 9 06 24	28 78	27 86	27 95	26108	26 95	27124							290	27 90	290	27 90
1 65 9 07 24	28 78	28 88	28128	27110	26 95								268	27124	268	27124
1 65 9 09 24	27 86	28178	23140	32144	27127	27196	27129						233	28148	266	26 95
1 65 9 10 24	23 94	27120	26135	25147									270	27196	286	27129
1 65 9 13 03	30149												241	25147	241	25147
1 65 9 13 24	29114	29137	30145										200	30149	200	30149
1 65 9 15 24	26100	26107	25 84	28113									240	29166	240	29166
1 65 9 16 24	29111	28118	28114	28166	28165	30184							237	28113	237	28113
1 65 9 17 24	30 67	30 69	30 82	31 84	31 83								278	30188	278	30188
1 65 9 19 02	29 64	29 75	29 80	29 94	29100	29103	29124	29133	29152	29171			234	30 86	270	32 82
1 65 9 19 24	29 72	29103	29 95	29 94	29111	29114	28119	29133					350	29183	350	29183
1 65 9 20 24	29 82	29 95	29124	28 97									308	29133	308	29133
1 65 9 22 24	30 59	29 73	29 94										228	29124	252	28122
1 65 9 24 06	28 65	28 76	28 78	28 94	29109								231	30103	231	30103
1 65 9 25 06	29 63	29 90	29 90	29 76	29 94								269	29122	269	29122
1 65 9 26 24	28 46	30 59	29 63	28 76	30 67	29 97	30 78						220	29101	271	29 88
1 65 9 27 24	27 46	26 47	27 56	28 63	28 63	28 56	28 76	28 73					277	29 97	295	30 73
1 65 9 28 24	24 78	24103	24 76										284	28 76	310	28 73
1 65 9 29 24	26 90	26101	25 95	26101	26114	26122	26101						220	24120	235	24 38
													266	26143	290	26101
65 0 01 24	27 76	27116	27101	26111												
65 0 04 24	28 76												218	27122	244	26111
65 0 08 01	28 84	28 88	28112	29105									186	26 78	197	28 76
65 0 08 24	27 80	27 84	27 82										232	28112	247	29105
65 0 09 24	27101	29 80	29112	29112	29 94	29114							211	27 84	225	27 82
65 0 12 01	28 73	29 63											277	29114	277	29114
65 0 13 24	27 65	27 80	28 86	28 58									200	28 73	214	29 63
65 0 14 24	28 95												253	29118	253	29118
65 0 16 24	26 82	26103	26105	26120	26133								204	28 95	204	28 95
65 0 19 01	27114	27125	27122	27118									253	26137	263	25103
65 0 19 24	28111	28129	28120										257	27133	257	27133
65 0 20 24	28107	28111	29107										222	28130	235	27111
65 0 21 24	30 76	29 99	30 98										220	28111	233	29105
65 0 22 24	30 56	30 76	30 76	31 86	30 76	30107							209	29 99	240	30 92
65 0 24 03	30 38	29 37	28 44	30 42									279	30107	279	30107
65 0 31 24	30 74												259	30 54	259	31 48
													201	30 91	201	30 91

Results of Upper Wind Observations,
WILKES 1965

NO	DATE & TIME	65 DDFFF	70 DDFFF	75 DDFFF	80 DDFFF	85 DDFFF	90 DDFFF	95 DDFFF	100 DDFFF	105 DDFFF	110 DDFFF	115 DDFFF	120 DDFFF	MAX WIND HHH DDFFF	MAX LEVEL HHH DDFFF
611	65 11 01 24	24 79 25 93												213 25 93	213 25 93
611	65 11 02 24	28 74 29 82	29 58 29 62											204 29 82	263 29 62
611	65 11 03 24	28 56 28 62	29 64 30 62	30 66										257 30 66	257 30 66
611	65 11 04 24	27 68 27 64												182 27 75	213 27 64
611	65 11 05 24	29 66 28 73	29 78 29 84	28103	30 62	29 72								262 28103	294 29 71
611	65 11 07 06	27 68 28 71												208 28 75	218 28 67
611	65 11 07 24	29 52 29 50	29 57 29 48	30 56	30 67	31 67	35 29							176 28 90	312 26 10
611	65 11 09 01	30 56 31 71	32 56 31 60	30 50										215 31 71	259 30 50
611	65 11 09 24	29 64 29 62	31 67 30 57	31 59	30 56	31 76								290 31 76	290 31 76
611	65 11 11 24	30 71 30 67	30 68											143 30114	243 30 52
611	65 11 13 06	30 42 29 46	28 35 30 38	30 35										205 29 50	267 30 40
611	65 11 14 24	31 44 31 34	33 40 32 33	33 35	32 27	34 23	33 44							207 31 52	316 32 48
611	65 11 15 24	32 48 33 61	32 36 33 38	33 35	33 35	34 40	35 42	34 45						212 33 61	334 33 38
611	65 11 16 24	31 44 31 56	32 44 33 47	33 48	34 36	33 50	34 50	01 40	04 78	35 42				336 04 78	350 35 42
611	65 11 17 24	32 63 31 37	31 37 32 67	33 67	31 59	32 38	33 48	33 56						180 32 80	319 33 56
611	65 11 19 24	34 42 34 55	34 44 33 44	35 38	35 38	35 44	35 25	34 34	33 32					215 34 54	335 33 32
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611	65 11 21 24	29 38 27 38	30 38 30 40	03 65	26 32	26 32	04 25							255 03 65	305 04 25
611	65 11 22 24	27 50 27 37	27 51 29 42	33 40	30 33	27 24	29 35	34 31	27 20					155 27111	335 27 20
611	65 11 23 24	26 40 28 44	29 38 31 33	28 42	32 35	29 30	29 35	30 26							319 30 26
611	65 11 25 01	26 44 26 46	26133 26 60	27 50										229 26133	259 27 50
611	65 11 25 24	28 50 28 80	28 67 28 50	29 06										145 28140	259 29 06
611	65 11 27 24	32 41 32 44	32 40 32 37	32 38	33 29	36 25	09 46	08 32							319 08 32
611	65 11 29 01	29 37 29 44	29 29 30 57	32 37	36 42									280 09 61	274 36 42
611	65 11 30 06	26 30 26 55	26 35 26 30	26 21	35 26	01 28	02 26	30 30	27 38					070 26 57	335 27 38
611	65 11 30 24	28 25 25 29	28 23 27 05	28 14	28 07	36 04	07 12	06 18	36 12	09 31				081 28 57	355 10 31
611	65 12 29 12	04 04 14 05	12 09 14 08	09 21	11 19									071 24 60	278 11 16
611	65 12 30 12	16 04 02 12	08 04 06 12	07 18	03 25										277 03 25
611	65 12 02 01	31 25 30 37	31 16 29 21	31 12	31 19	32 21	32 21								310 32 21
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611	65 12 03 24	32 16 32 19	29 14 29 15	30 12	32 05	23 04	12 10	11 15	01 11						339 36 10
611	65 12 05 02	32 06 33 10	26 08 29 02	36 02	03 02	09 08	12 14	09 14							320 07 14
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611	65 12 13 24	33 10 35 10	09 07 11 07	07 14	07 12	08 14	09 22	09 23							329 09 27
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611	65 12 27 24	09 10 18 03	09 13 09 07	09 12	09 22	10 25	09 27	08 27	07 21	09 25					353 09 25
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611	65 12 30 02	28 01 20 06	23 08 23 13	23 16	22 12	24 16	24 23	23 23	23 25						338 23 25
611	65 12 30 24	01 06 04 18	06 12 06 08	05 19	06 16										282 05 14

Results of Upper Wind Observations,
WILKES 1965

NO	DATE & TIME	65 DDFFF	70 DDFFF	75 DDFFF	80 DDFFF	85 DDFFF	90 DDFFF	95 DDFFF	100 DDFFF	105 DDFFF	110 DDFFF	115 DDFFF	120 DDFFF	MAX HHH	WIND DDFFF	MAX HHH	LEVEL DDFFF
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611	65 3 03 00	01 02	30 08	30 08	20 02	31 03	26 12	23 11	28 10	29 12	28 13	31 10	34 08			365 34	08
611	65 3 04 00	00 00	00 00	00 00	00 00	00 00	00 00	00 00								286 00	00
611	65 3 05 00	36 04	26 14	29 06	26 04	25 13	27 12	28 11	25 12	31 08						320 31	08
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611	65 3 06 24	23 16	23 16	22 06	22 07	24 04	24 12	23 13	23 13	23 22	14 23	20				351 23	20
611	65 3 08 00	25 08	24 10	07 10	25 10	14 06	25 12	30 02						082	22102	307 24	60
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611	65 3 11 00	28 14	26 12	19 04	28 04	28 10	23 06	23 19	25 04	25 05	24 06			087	23 56	342 24	06
611	65 3 12 00	27 20	28 16	26 12												239 27	10
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611	65 3 18 01	28 20	28 25	29 30	25 19	24 18	22 31	21 23	21 27	16 24						308 11	20
611	65 3 19 03	28 24	28 20	26 25	26 48									069	25 99	256 26	16
611	65 3 19 24	28 35	25 35	30 33	27 30	27 20	27 06	24 25	26 38					104	27 50	313 27	38
611	65 3 20 24	29 36	29 20	28 23	29 26	30 38	30 21									279 29	31
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611	65 3 26 00	29 37	30 35	30 31	30 31	31 40	31 42	32 58	32 46					283	32 58	300 32	46
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611	65 4 01 24	27 33	27 35	27 45												241 27	37
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611	65 4 08 07	27 66	29100	29 74										215	29113	235 29	86
611	65 4 09 02	28 80	28 67	28 60										206	28 80	238 27	50
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611	65 5 15 24	24 58	25 71	25 65	25 73	26 67											
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611	65 5 23 01	26 42	26 50	29 50										208	25 78	270 26	76
611	65 5 31 24	28 69	29 76											182	25 66	240 28	19
														221	29 76	221 29	76
611	65 6 01 24	31 48															
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611	65 6 03 24	28 68	28 63	29 57										240	31 84	240 31	84
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611	65 6 19 24	26 72	36 65											168	27 70	200 27	59
611	65 6 30 02	26 63	26 61	26 73										193	27 78	213 26	65
														205	26 73	230 26	73

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