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Davis, Macquarie Island, Mawson and Wilkes, 1960

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

1. This volume contains the meteorological observations, surface, radiosonde, radio wind and pilot balloon, made at Davis, Macquarie Island, Mawson and Wilkes during 1960. The details are presented as listings and also in the form of cumulated frequency analyses. In these analyses, figures have not been repeated where there was no increment from the previous value.

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

DAVIS

L.N. Fox	-	Observer in Charge
I. Douglas	-	Observer
N. Barrat	-	Observer
K.C. Oldroyd	-	Observer (Radio)

MACQUARIE ISLAND

F. Coleman	-	Observer in Charge
J. McQueen	-	Observer
J. Goodricke	-	Observer
O. Ferguson	-	Observer (Radio)

MAWSON

N.A. Streton	-	Meteorologist in Charge
W.R. Kellas	-	Observer
W. Dick	-	Observer
H. Munstermann	-	Observer (Radio)

WILKES

R. Honkala	-	Meteorologist in Charge
W.H. Lensink	-	Observer
J.R. Harrop	-	Observer
A.F. Spano	-	Observer
D.L. Yingling	-	Technician (Electronic)

Messrs R. Honkala, A.F. Spano and D.L. Yingling were assigned to Wilkes by the United States Weather Bureau.

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

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

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

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 0 if positive and 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 XI - XXI 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 Wilkes, (and up to 0800 L.S.T. at Davis). Data for Mawson have not been published because of the difficulty in differentiating between falling and drifting snow. Data for Davis are not published regularly for the same reason.

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

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

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

4. Radiosondes were released once daily at 2300 G.M.T. from Macquarie Island, Mawson and Davis. At Wilkes, they were released twice daily, at 0000 and 1100 G.M.T.

4.1 Surface information at the time of the release:

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

Temperature - (TTT) - degrees and tenths Celsius, preceded by a 0 if positive and a 5 if negative

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

4.2 1000 mb information:

Geopotential dekametres are shown. If the station level pressure was less than 1000 mb, the geopotential of the 1000 mb surface was computed by assuming an isothermal atmosphere at the temperature of the station down to 1000 mb. Zero or five (0 or 5) precede the geopotential, depending on whether it was above or below mean sea level.

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

Geopotential dekametres are shown.

Temperature in degrees and tenths Celsius, preceded by 0 if positive and 5 if negative.

Mixing Ratio in decimetres per kilogram of dry air.

4.4 600 mb, 500 mb and 400 mb information:

In a manner similar to that above, but as all temperatures are below 0°C, the figure 5 is not printed.

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

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

4.6 Tropopause information:

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

Type 1 - The stratosphere commences with an inversion.

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

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

5. Upper wind observations were normally made four times per day at Macquarie Island and twice daily at Mawson, Davis and Wilkes. Details of listings are as follows:-

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

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

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

The Director of Meteorology,
P.O. Box 1289K,
Melbourne, C.1.
Australia.

INSTRUMENTS AND OBSERVATIONAL METHODS

Atmospheric Pressure

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 and Davis, dry bulb thermometers and thermographs were mounted in Stevenson Screens, the thermographs being used to obtain the daily temperature extremes. At Wilkes, temperatures were obtained from liquid in glass or electrical resistance thermometers mounted in a louvred 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 dry and wet bulb thermometer readings mounted in a Stevenson screen. Continuous records of relative humidity were given by a daily hygrograph in the same screen. At Mawson and Davis, relative humidity and dew point were obtained from the readings of the dry bulb thermometer and a daily hygrograph in the same screen. The hygrograph which provided a

continuous record of relative humidity was periodically checked against an aspirated psychrometer. At Wilkes, relative humidity and dew point were obtained from aspirated hygrometer readings and continuous records from a thermo-hygrograph.

Wind

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

Precipitation

At Macquarie Island, precipitation was measured by a rain gauge. At Davis precipitation was measured by a shielded snow gauge but it was not possible to accurately record all snowfall (although some accurate measurements were obtained when surface winds were not strong). 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 shielded snow gauge.

Radiosonde Observations

Radiosonde observations were made at Macquarie Island, Mawson and Davis using Australian made apparatus of the United States Weather pattern (Diamond Hinman), operating on a 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 Bureau radiosondes operating on 1680 mc/s.

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

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

Upper Wind Observations

Upper wind observations were made at Macquarie Island either by radar following a radiosonde balloon or a separate balloon carrying a radar target. At Davis, they were made by visual means following either a pilot balloon or the radiosonde balloon, or by electronic means using a radio theodolite following either a radiosonde or a radio transmitter used for wind finding only. At Mawson they were obtained by visual means of tracking radiosonde balloons using type G.M.D. - 1.B. rawinsonde equipment or by visual means using pilot balloons.

Sunshine

Daily duration of sunshine was observed at Mawson and Davis using Campbell-Stokes sunshine recorders and at Wilkes using a photo-electric sunshine switch.

Radiation

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

CODE FOR VISIBILITY AT MAWSON AND DAVIS

Code Figure	Lower Limit	Upper Limit less than
00	Zero	1/8 statute mile
01	1/8 statute mile	1/4 statute mile
02	1/4 statute mile	3/8 statute mile
03	3/8 statute mile	1/2 statute mile
04	1/2 statute mile	5/8 statute mile
05	5/8 statute mile	3/4 statute mile
06	3/4 statute mile	1 statute mile
08	1 statute mile	1 1/4 statute miles
10	1 1/4 statute miles	1 1/2 statute miles
12	1 1/2 statute miles	1 3/4 statute miles
14	1 3/4 statute miles	2 statute miles
16	2 statute miles	2 1/4 statute miles
18	2 1/4 statute miles	2 1/2 statute miles
20	2 1/2 statute miles	3 statute miles
24	3 statute miles	4 statute miles
32	4 statute miles	5 statute miles
40	5 statute miles	6 statute miles
48	6 statute miles	7 statute miles
56	7 statute miles	8 statute miles
64	8 statute miles	9 statute miles
72	9 statute miles	10 statute miles
80	10 statute miles	12 statute miles
81	12 statute miles	24 statute miles
82	24 statute miles	36 statute miles
83	36 statute miles	48 statute miles
84	48 statute miles	60 statute miles
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: ⅛ 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	1¼ statute miles
20	1¼ statute miles	1½ statute miles
24	1½ statute miles	2 statute miles
32	2 statute miles	2½ statute miles
40	2½ 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

Code Figure	Lower Limit	Upper Limit less than
82	25 statute miles	30 statute miles
84	30 statute miles	40 statute miles
87	40 statute miles	
89	Greater than 40 statute miles	

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CODE FOR PRESENT WEATHER

00	Cloud development not observed or not observable.	Characteristic change of the state of sky during the past hour.
01	Clouds generally dissolving or becoming less developed.	
02	State of sky on the whole unchanged.	
03	Clouds generally forming or developing.	

04 Visibility reduced by smoke, e.g., veldt or forest fires, industrial smoke or volcanic ashes.

05 Dry haze.

06 Widespread dust in suspension in the air, not raised by wind at or near the station at the time of observation.

07 Dust or sand raised by wind at or near the station at the time of observation, but no well developed dust devil(s) and no duststorm or sandstorm seen.

08 Well developed dust devil(s) seen at or near the station within last hour, but no duststorm or sandstorm.

09 Duststorm or sandstorm within sight of the station or at the station during the last hour.

10 Mist, visibility more than 1,100 yards.

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

13 Lightning visible, no thunder heard.

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

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

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

17 Thunder heard, but no precipitation at the station.

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

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

25 Shower(s) of rain
26 Shower(s) of snow, or of rain and snow
27 Shower(s) of hail, or of hail and rain
28 Fog, visibility less than 1100 yards
29 Thunderstorm (with or without precipitation)

30 Slight or moderate
31 duststorm or sandstorm
32 } - has decreased during the preceding hour
- no appreciable change during the preceding hour
- has increased during the preceding hour

33 Severe duststorm
34 or
35 sandstorm
} - has decreased during the preceding hour
- no appreciable change during the preceding hour
- has increased during the preceding hour

36 Slight or moderate drifting snow
37 Heavy drifting snow } generally low

38 Slight or moderate drifting snow
39 Heavy drifting snow } generally high

40 Fog at a distance at the time of observation, but not at the station during the last hour, the fog extending to a level above that of the observer.

41 Fog in patches

42	Fog, sky discernible	has become thinner during the preceding hour
43	Fog, sky not discernible	
44	Fog, sky discernible	no appreciable change during the preceding hour
45	Fog, sky not discernible	
46	Fog, sky discernible	has begun or has become thicker during the preceding hour
47	Fog, sky not discernible	
48	Fog, depositing rime, sky discernible	
49	Fog, depositing rime, sky not discernible	
50	Drizzle, not freezing, intermittent	slight at time of observation
51	Drizzle, not freezing, continuous	
52	Drizzle, not freezing, intermittent	moderate at time of observation
53	Drizzle, not freezing, continuous	
54	Drizzle, not freezing, intermittent	thick at time of observation
55	Drizzle, not freezing, continuous	
56	Drizzle, freezing, slight	
57	Drizzle, freezing, moderate or thick	
58	Drizzle and rain, slight	
59	Drizzle and rain, moderate or heavy	
60	Rain, not freezing, intermittent	slight at time of observation
61	Rain, not freezing, continuous	
62	Rain, not freezing, intermittent	moderate at time of observation
63	Rain, not freezing, continuous	
64	Rain, not freezing, intermittent	heavy at time of observation
65	Rain, not freezing, continuous	
66	Rain, freezing, slight	
67	Rain, freezing, moderate or heavy	
68	Rain or drizzle and snow, slight	
69	Rain or drizzle and snow, moderate or heavy	
70	Intermittent fall of snow flakes	slight at time of observation
71	Continuous fall of snow flakes	

72	Intermittent fall of snow flakes	moderate at time of observation
73	Continuous fall of snow flakes	
74	Intermittent fall of snow flakes	heavy at time of observation
75	Continuous fall of snow flakes	
76	Ice needles (with or without fog)	
77	Granular snow (with or without fog)	
78	Isolated starlike snow crystals (with or without fog)	
79	Ice pellets	
80	Rain shower(s), slight	
81	Rain shower(s), moderate or heavy	
82	Rain shower(s), violent	
83	Shower(s) of rain and snow mixed, slight	
84	Shower(s) of rain and snow mixed, moderate or heavy	
85	Snow shower(s), slight	
86	Snow shower(s), moderate or heavy	
87	Shower(s) of soft or small hail with or	- 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

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CODES FOR CLOUD TYPES

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

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

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

7 Fractostratus and/or Fractocumulus of bad weather ("Scud") usually under Altostratus and Nimbostratus. (By "bad weather" is meant the conditions usually prevailing before, during or after precipitation).

8 Cumulus and Stratocumulus other than those formed by the spreading out of Cumulus, with bases at different levels.

9 Cumulonimbus having a clearly fibrous (cirriform) top, often anvil-shaped, with or without Cumulus, Stratocumulus, Stratus or "scud".

Blank Clouds of genera C_L non-visible owing to darkness, fog, sandstorm or other analogous phenomena.

Middle Cloud - Clouds of genera Ac, As Ns.

0 No Altocumulus, Altostratus, or Nimbostratus clouds

1 Thin Altostratus (semi-transparent everywhere) through which the sun or moon would be seen dimly as through ground glass.

2 Thick Altostratus, or Nimbostratus (through portions of the sheet the position of the sun or moon may be indicated by a light patch).

3 Thin (semi-transparent) Altocumulus; cloud elements not changing much; at a single level.

4 Thin (semi-transparent) Altocumulus in patches (often almond or fish-shaped); cloud elements continually changing and/or occurring at more than one level.

5 Thin (semi-transparent) Altocumulus in bands or in a layer gradually spreading over the sky and usually thickening as a whole; it may become partly opaque or double-layered.

6 Altocumulus formed by the spreading out of Cumulus.

7 Any of the following cases:

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

(a) double-layered Altocumulus, usually opaque in parts, not increasing,
(b) a thick (opaque) layer of Altocumulus, not increasing,
(c) Altostratus and Altocumulus both present at the same or different levels.

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

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

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

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

0 No Cirrus, Cirrocumulus or Cirrostratus clouds.

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

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

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

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

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

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

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

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

CODE FOR DIRECTION OF MOVEMENT OF CLOUD (CODE FIGURE)

Code Figure

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

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

JANUARY, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	985.3	29.6		19.9	5.5	3.5	7.6
05	985.4	30.0		18.8	5.5	2.7	8.4
08	985.0	32.0		19.5	5.4	2.9	10.9
11	985.4	33.5		20.4	5.1	2.6	11.9
14	985.5	34.0		21.1	5.1	2.7	11.0
17	985.5	33.5		22.9	5.0	2.6	9.6
20	985.3	32.7		22.6	5.1	2.9	7.6
23	985.5	30.7		21.7	5.0	3.0	8.2

Rain (pts)	Rain days (.01 in. or more)	Temperature °F							Sun-shine (hrs)	Anem. (Mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	35.4	41.5	31	28.5	20.7	23	-	-	8.4	11.5	ENE 50 1st

FEBRUARY, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	984.0	25.0		11.2	5.3	3.7	10.5
05	984.1	25.4		10.4	5.2	4.0	10.6
08	983.8	27.7		11.9	5.4	3.8	13.9
11	983.4	29.7		14.6	5.3	4.4	14.2
14	983.6	30.1		15.6	5.2	4.0	13.9
17	983.3	29.8		16.2	5.1	3.3	12.0
20	983.2	28.1		14.3	5.5	3.9	11.4
23	982.9	26.4		13.0	5.4	3.8	11.6

Rain (pts)	Rain days (.01 in. or more)	Temperature °F							Sun-shine (hrs)	Anem. (mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	31.8	40.5	4	23.8	4.7	27	-	-	5.6	12.1	NE 49 22nd

DAVIS

Latitude 68° 35'S

Longitude 77° 58'E

Height above M.S.L. 40 ft.

MARCH, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	977.1	10.7		3.1	5.2	4.6	11.4
05	977.3	10.6		2.2	6.4	5.5	11.5
08	977.5	11.0		3.0	6.5	5.4	10.6
11	977.6	12.5		5.1	6.2	4.2	9.7
14	977.3	14.0		5.5	6.1	4.5	10.0
17	977.3	14.2		6.3	6.1	5.3	9.9
20	977.1	12.8		3.6	5.4	4.8	11.5
23	977.3	11.0		2.2	5.1	4.6	11.4

Rain (pts)	Rain days (.01 in. or more)	Temperature °F							Sun-shine (hrs)	Anem. (Mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	17.0	24.7	4	6.8	-8.0	14	-	-	2.2	11.9	NE 56 17th

APRIL, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	988.0	5.5		-2.3	6.3	6.0	9.1
05	988.2	5.4		-2.7	6.1	5.7	8.1
08	988.5	5.3		-2.5	6.6	4.7	8.9
11	988.8	5.9		-2.4	6.6	5.3	6.6
14	988.9	7.2		-0.9	6.7	6.0	7.1
17	988.8	6.5		-1.1	6.2	5.4	5.7
20	988.8	5.6		-1.2	5.7	5.2	6.6
23	988.7	5.4		-1.0	5.9	5.8	7.5

Rain (pts)	Rain days (.01 in. or more)	Temperature °F							Sun-shine (hrs)	Anem. (mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	9.5	20.4	12	1.3	-17.7	27	-	-	1.8	8.6	ENE 101 13th

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

MAY, 1960.

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	1.4		-8.7	3.9	2.8	6.9
05	987.3	1.5		-8.3	4.5	3.3	6.9
08	987.3	1.5		-8.1	4.9	3.9	7.6
11	987.4	1.8		-7.2	5.0	4.0	8.9
14	987.4	1.8		-7.6	4.9	3.6	8.8
17	987.4	1.5		-8.0	4.7	3.5	8.9
20	987.3	1.6		-8.8	4.5	3.1	7.8
23	987.2	1.6		-7.4	4.0	2.8	8.7

Rain (pts)	Rain days (.01 in. or more)	Temperature °F							Sun-shine (hrs)	Anem. (Mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	6.0	20.5	7	-3.7	-19.0	23	-	-	1.3	9.9	NE 54 7th

JUNE, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	985.3	-1.7		-9.7	4.5	2.9	8.0
05	985.1	-1.9		-9.8	5.0	3.7	7.9
08	985.2	-1.9		-9.3	5.2	4.7	8.8
11	985.3	-2.1		-9.0	6.0	5.1	9.9
14	985.4	-2.7		-10.3	5.9	4.3	9.9
17	985.6	-2.7		-10.4	4.5	3.1	9.8
20	985.4	-3.4		-10.3	4.9	3.1	8.2
23	985.4	-3.4		-11.5	4.7	3.2	8.8

Rain (pts)	Rain days (.01 in. or more)	Temperature °F							Sun-shine (hrs)	Anem. (mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	2.4	21.4	18	-8.6	-25.2	4	-	-	0.0	9.5	ENE 69 6th

DAVIS
Latitude 68° 35'S

Longitude 77° 58'E

Height above M.S.L. 40 ft.

JULY, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	984.5	-9.7		-16.6	4.2	3.5	8.7
05	984.5	-8.9		-15.8	4.9	4.3	9.4
08	984.3	-10.7		-14.2	5.1	4.4	9.8
11	983.8	-8.9		-14.0	5.3	4.3	10.3
14	983.9	-9.1		-15.5	5.2	3.9	9.7
17	984.2	-8.9		-16.0	4.4	3.4	10.9
20	984.4	-8.6		-15.7	4.2	2.8	10.0
23	984.3	-9.3		-16.1	4.3	2.9	8.6

Rain (pts)	Rain days (.01 in. or more)	Temperature °F							Sun-shine (hrs)	Anem. (Mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	-3.5	21.1	29	-14.3	-36.3	4	-	-	0.1	10.7	NE 67 27th

AUGUST, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	984.7	0.6		-7.5	4.6	3.7	6.2
05	985.1	-0.3		-8.2	5.2	4.0	5.6
08	985.2	-0.3		-7.6	6.1	4.9	5.6
11	985.0	0.0		-6.9	6.4	5.1	5.4
14	984.9	1.2		-5.7	6.5	5.2	4.6
17	985.0	0.7		-6.1	6.0	5.1	3.8
20	984.7	1.5		-6.1	5.8	5.0	6.4
23	984.9	1.4		-6.6	5.6	5.0	5.2

Rain (pts)	Rain days (.01 in. or more)	Temperature °F							Sun-shine (hrs)	Anem. (mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	6.6	23.5	10	-5.0	-20.6	21	-	-	1.8	7.3	NE 44 31st

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

SEPTEMBER, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	973.8	0.4		-7.6	4.6	3.9	9.2
05	973.8	1.2		-7.1	5.3	4.2	10.7
08	973.9	2.0		-6.7	5.7	3.8	10.7
11	973.9	4.7		-4.4	5.9	3.9	9.7
14	973.8	5.6		-3.8	4.9	3.9	7.4
17	973.7	4.3		-4.5	5.1	3.8	5.1
20	973.6	1.2		-7.5	4.4	3.3	8.1
23	972.8	1.1		-7.2	4.3	3.3	9.0

Rain (pts)	Rain days (.01 in. or more)	Temperature °F							Sunshine (hrs)	Anem. (Mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	8.0	20.0	2, 3	-3.0	-22.0	9	-	-	4.2	10.5	ENE 62 4th

OCTOBER, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	984.4	5.6		-3.5	5.1	4.1	7.7
05	984.7	6.4		-2.9	5.8	4.7	7.5
08	985.0	9.1		-1.1	6.2	4.7	9.6
11	984.9	12.0		1.6	6.7	5.1	10.7
14	984.9	12.7		2.5	6.1	4.6	10.7
17	984.5	12.4		2.8	5.9	3.6	7.1
20	984.4	8.9		0.1	5.9	3.8	6.3
23	984.2	7.6		-0.9	5.2	3.7	8.9

Rain (pts)	Rain days (.01 in. or more)	Temperature °F							Sunshine (hrs)	Anem. (mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	13.8	32.5	31	3.2	-10.8	5	-	-	4.7	10.3	NE 96 29th

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

NOVEMBER, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	982.3	21.2		7.7	6.0	4.6	8.7
05	982.3	21.9		6.7	6.7	4.9	10.2
08	982.2	24.0		8.2	7.0	5.7	13.7
11	982.1	25.8		10.5	6.8	4.3	16.2
14	982.0	26.6		12.2	6.8	5.1	16.3
17	982.7	25.9		13.5	6.5	4.7	13.0
20	982.0	24.8		13.3	6.7	4.8	10.0
23	982.3	23.0		11.2	6.4	4.4	9.0

Rain (pts)	Rain days (.01 in. or more)	Temperature °F							Sun-shine (hrs)	Anem. (Mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	27.5	37.8	2	20.3	12.9	1	-	-	5.2	12.3	NE 64 11th

DECEMBER, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	982.9	27.0		11.5	4.1	2.9	12.4
05	983.0	28.1		11.2	4.6	3.5	13.0
08	983.0	29.8		10.9	4.4	3.4	16.0
11	982.8	31.7		12.8	4.5	2.6	18.2
14	982.9	31.8		15.2	4.4	2.6	15.6
17	982.7	32.2		16.1	4.6	3.2	12.7
20	982.4	31.2		15.5	4.0	3.1	11.5
23	982.7	29.3		14.3	4.5	3.1	11.6

Rain (pts)	Rain days (.01 in. or more)	Temperature °F							Sun-shine (hrs)	Anem. (mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	33.7	42.9	19	26.5	14.2	6	-	-	12.9	13.5	NE 91 9th

MACQUARIE ISLAND

Latitude 54° 30'S

Longitude 158° 57'E

Height above M.S.L. 20 ft.

JANUARY, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
00	995.2	43.3	42.4	41.2	6.8	6.4	18.8
03	994.5	43.0	42.3	41.3	7.4	6.4	19.5
06	994.8	43.5	42.8	41.8	7.3	6.4	19.8
09	995.2	44.4	43.2	41.8	7.1	5.7	21.1
12	995.3	45.2	43.9	42.2	6.3	5.8	23.1
15	995.4	45.3	43.9	42.1	6.3	5.7	20.8
18	995.5	44.0	42.9	41.5	6.9	6.3	20.2
21	995.7	43.4	42.4	41.0	6.8	6.0	19.2

Rain (pts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (Mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	46.7	47	2, 4, 7, 10	39.9	37	2, 3, 24	38.9	30	2	-	16.1	W 67 21st

FEBRUARY, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
00	994.4	44.1	43.0	41.6	6.1	5.2	23.4
03	993.7	44.3	43.3	42.1	6.2	5.6	22.7
06	993.8	44.4	43.4	41.8	6.5	5.6	24.0
09	994.1	45.0	44.0	42.6	6.1	4.8	21.1
12	993.8	46.2	44.6	42.6	6.0	4.6	22.8
15	993.5	45.9	44.7	42.9	6.1	4.8	23.3
18	993.5	44.7	43.4	41.9	6.0	4.2	21.8
21	993.8	44.6	43.3	41.6	6.2	5.2	23.3

Rain (pts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	47.1	49	1, 7, 11, 22	41.0	37	2, 10	38.2	34	18, 27	-	19.3	W 78 11th

MACQUARIE ISLAND

Latitude 54° 30'S

Longitude 158° 57'E

Height above M.S.L. 20 ft.

MARCH, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
00	1002.6	43.8	42.5	40.6	6.2	5.7	23.0
03	1001.9	43.5	42.5	41.1	6.7	6.0	23.4
06	1002.2	43.5	42.5	41.2	6.4	5.6	23.5
09	1002.6	44.4	43.3	41.8	6.0	5.2	23.4
12	1002.3	45.1	43.6	41.5	6.2	5.2	23.9
15	1002.1	45.0	43.2	40.8	6.5	5.5	23.0
18	1002.1	44.1	42.6	40.5	6.2	5.2	21.9
21	1002.5	43.7	42.5	40.4	6.4	5.6	20.4

Rain (pts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (Mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	46.2	48.0	3, 20	41.0	32.7	29	37.2	30.0	29	-	19.5	WNW 70 24th

APRIL, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
00	1000.4	42.5	41.5	40.2	6.0	5.5	20.6
03	1000.4	42.4	41.5	40.3	6.4	5.8	18.6
06	1000.2	42.2	41.4	40.0	7.1	6.2	18.5
09	1000.1	43.2	41.9	40.1	6.6	5.7	21.1
12	999.6	43.5	42.2	40.1	6.5	5.7	20.6
15	999.8	43.3	42.1	40.4	6.5	5.8	21.2
18	1000.8	42.4	41.4	40.1	6.6	6.2	19.9
21	1001.7	42.4	41.2	40.0	6.2	5.9	19.4

Rain (pts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	44.9	48.5	8	39.2	32.8	29	36.2	29.9	14	-	17.1	NW 72 19th

MACQUARIE ISLAND

Latitude 54° 30'S

Longitude 158° 57'E

Height above M.S.L. 20 ft.

MAY, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
00	1003.7	40.4	39.8	39.0	7.0	6.6	18.1
03	1003.2	40.2	39.5	38.5	6.8	6.5	17.9
06	1003.4	40.0	39.3	38.2	6.9	6.6	17.7
09	1004.1	40.1	39.3	38.0	7.2	6.6	16.2
12	1003.7	40.3	39.2	37.4	6.9	6.0	17.1
15	1003.4	40.0	38.7	36.9	7.3	6.3	15.7
18	1003.2	40.3	39.3	37.7	6.1	5.9	15.1
21	1002.9	40.3	39.5	38.6	7.2	6.4	15.5

Rain (pts)	Rain days (.01 in. or more)	Temperature °F									Sun-shine (hrs)	Anem. (Mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.				
-	-	42.6	49.5	5	36.7	28.4	12	34.4	23.0	24	-	13.8	W 79 23rd

JUNE, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
00	1005.8	39.4	38.8	38.0	6.2	5.7	20.9
03	1005.5	39.3	38.6	37.7	6.4	6.4	22.3
06	1004.7	38.8	38.0	36.8	6.6	6.4	22.0
09	1005.7	38.6	37.2	34.9	7.1	6.5	20.4
12	1005.7	38.6	37.5	35.5	7.2	7.0	20.6
15	1005.9	38.6	37.3	35.2	7.1	6.2	19.8
18	1006.6	38.8	37.6	35.4	6.3	5.9	18.4
21	1006.0	38.8	37.8	36.2	6.4	5.8	18.1

Rain (pts)	Rain days (.01 in. or more)	Temperature °F									Sun-shine (hrs)	Anem. (mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.				
-	-	41.8	45.9	11, 12	35.5	25.4	2	32.8	23.0	2	-	16.9	W 77 4th

MACQUARIE ISLAND

Latitude 54° 30'S

Longitude 158° 57'E

Height above M.S.L. 20 ft.

JULY, 1960.

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	38.4	37.1	34.9	6.6	6.5	23.3
03	998.4	38.2	36.7	34.4	7.3	7.1	22.6
06	998.4	38.4	37.1	34.9	7.0	6.8	20.7
09	998.6	38.5	37.1	34.4	6.8	6.2	21.1
12	997.9	39.0	37.3	34.2	6.4	5.8	21.3
15	997.7	38.9	37.4	34.9	6.6	5.7	23.1
18	997.9	39.0	38.0	36.3	6.8	6.3	23.6
21	998.4	38.6	37.5	35.8	6.7	6.4	21.9

Rain (pts)	Rain days (.01 in. or more)	Temperature °F									Sun-shine (hrs)	Anem. (Mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.				
-	-	41.7	46.6	20	35.3	26.4	17	32.2	21.0	17	-	18.7	W 76 6th

AUGUST, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
00	1008.5	38.4	37.1	35.2	6.5	5.7	17.8
03	1007.7	38.7	37.5	35.6	6.9	6.6	16.9
06	1007.6	38.5	37.1	35.2	6.6	6.4	16.9
09	1008.5	38.4	37.1	35.2	6.8	5.6	15.4
12	1008.2	38.6	37.2	34.9	6.7	6.3	16.3
15	1008.2	38.3	37.1	35.1	6.5	5.9	15.6
18	1010.5	38.4	37.0	34.9	6.4	6.4	16.1
21	1008.6	38.6	37.4	35.2	6.4	6.4	17.1

Rain (pts)	Rain days (.01 in. or more)	Temperature °F									Sun-shine (hrs)	Anem. (mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.				
-	-	41.0	44.0	25	35.5	25.1	4	31.8	22.2	4	-	15.2	NW 62 12th

MACQUARIE ISLAND

Latitude 54° 30'S

Longitude 158° 57'E

Height above M.S.L. 20 ft.

SEPTEMBER, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
00	1002.2	38.0	36.4	33.7	6.0	6.0	19.5
03	1002.2	38.0	36.6	34.3	6.3	6.0	18.6
06	1002.6	37.9	36.6	34.3	6.7	6.5	20.2
09	1002.6	38.9	37.3	34.6	6.6	6.0	19.9
12	1001.3	39.9	38.3	35.8	6.7	6.0	19.9
15	1000.9	39.3	37.9	35.6	7.1	6.2	19.5
18	1001.2	38.8	37.4	34.8	7.1	6.5	20.1
21	1001.8	38.2	36.7	34.0	6.8	6.6	19.1

Rain (pts)	Rain days (.01 in. or more)	Temperature °F									Sun-shine (hrs)	Anem. (Mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.				
-	-	41.5	46.0	30	34.8	26.0	9	30.9	24.4	9	-	16.9	NNW 68 8, 9 WNW

OCTOBER, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
00	1001.2	40.5	39.3	37.9	6.5	6.5	19.1
03	1000.8	40.3	39.4	38.2	7.2	6.8	18.8
06	1000.9	40.3	39.6	38.5	7.3	6.7	19.1
09	1001.1	41.6	40.5	38.8	7.0	6.5	20.5
12	1000.8	42.2	40.5	38.1	6.7	6.2	19.8
15	1000.8	41.4	39.9	37.5	6.7	6.0	19.9
18	1001.0	40.3	39.2	37.5	6.8	6.5	19.5
21	1001.7	40.2	39.1	37.5	6.6	6.3	18.5

Rain (pts)	Rain days (.01 in. or more)	Temperature °F									Sun-shine (hrs)	Anem. (mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.				
-	-	43.6	47.5	17	37.3	29.0	13	34.4	26.8	13	-	17.8	WNW 70 19th

MACQUARIE ISLAND

Latitude 54° 30'S

Longitude 158° 57'E

Height above M.S.L. 20 ft.

NOVEMBER, 1960.

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	40.3	39.1	37.4	6.5	6.2	18.0
03	995.3	40.4	39.1	37.2	7.1	6.7	19.3
06	996.2	40.5	38.8	36.2	6.5	5.5	16.7
09	996.8	41.8	39.7	36.2	6.7	5.5	17.1
12	996.7	42.7	40.3	36.6	6.2	5.0	17.3
15	996.8	42.2	40.2	36.9	6.0	5.1	16.2
18	996.9	41.2	39.6	37.5	6.0	5.1	15.6
21	997.0	40.6	39.5	37.8	6.8	6.6	17.0

Rain (pts)	Rain days (.01 in. or more)	Temperature °F									Sunshine (hrs)	Anem. (Mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.				
-	-	44.3	47.6	23	36.9	30.5	12	34.6	29.8	8	-	15.8	WNW 55 12th

DECEMBER, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
00	1000.1	41.5	40.6	39.4	7.0	5.8	18.2
03	999.4	42.1	41.2	40.2	7.3	5.8	17.5
06	998.6	42.5	41.6	40.4	7.4	6.6	18.3
09	999.2	43.5	41.9	39.8	6.7	5.7	18.5
12	999.9	44.2	42.5	40.0	6.7	5.6	19.8
15	1000.2	43.6	42.1	40.1	7.1	5.6	18.9
18	1000.5	42.5	41.4	39.6	7.2	5.9	18.2
21	1001.0	42.0	41.1	39.9	7.3	6.4	18.5

Rain (pts)	Rain days (.01 in. or more)	Temperature °F									Sunshine (hrs)	Anem. (mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.				
-	-	46.3	48.9	12	38.0	33.9	16, 24	36.8	28.8	9	-	16.7	WNW 86 22nd

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

JANUARY, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	986.2	28.5		17.5	5.2	3.6	18.0
05	986.1	27.8		15.8	5.3	3.2	20.4
08	986.0	29.8		16.2	5.4	2.8	20.6
11	986.2	33.5		19.8	5.1	3.1	15.5
14	986.5	34.6		21.7	4.8	2.4	12.0
17	986.6	34.6		22.7	5.0	3.0	9.1
20	986.6	33.1		22.5	5.4	3.0	8.9
23	986.9	30.3		21.0	5.1	3.4	11.2

Rain (pts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (Mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	35.8	42.1	5	27.1	21.3	23	-	-	8.3	17.3	SE 69 1st

FEBRUARY, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	985.1	23.0		11.8	4.8	2.6	21.5
05	984.7	22.2		10.4	4.9	2.0	23.3
08	981.1	23.4		11.0	4.7	2.0	22.6
11	984.5	27.2		14.3	4.5	1.9	18.8
14	984.7	30.4		16.6	4.9	1.5	14.9
17	984.7	30.1		17.4	5.6	2.4	12.0
20	984.3	27.3		16.6	5.1	2.2	13.1
23	984.5	23.6		13.1	4.6	2.5	19.3

Rain (pts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	31.6	43.3	10	20.4	5.0	27	-	-	7.7	20.5	SE 70 28th

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

MARCH, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	980.7	7.5		-2.2	3.5	2.4	22.8
05	980.6	7.6		-3.2	4.7	3.7	21.9
08	980.6	7.6		-3.6	5.3	2.9	21.5
11	981.3	10.3		-1.5	5.7	2.9	19.0
14	981.2	14.3		0.6	5.4	2.8	14.7
17	981.2	13.4		0.8	5.8	3.1	15.6
20	981.4	10.1		-1.4	5.5	2.5	17.6
23	981.2	8.5		-2.2	3.7	2.3	20.2

Rain (pts)	Rain days (.01 in. or more)	Temperature °F							Sunshine (hrs)	Anem. (Mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	15.7	25.1	27	3.7	-6.2	29	-	-	5.0	19.4	ESE 67 29th

APRIL, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	989.7	1.5		-3.5	2.0	0.8	23.1
05	989.8	1.1		-4.8	3.2	2.2	23.8
08	989.8	1.0		-4.9	4.5	2.6	25.5
11	989.9	2.7		-3.6	4.1	2.5	22.9
14	990.3	3.9		-2.9	3.7	2.0	20.5
17	990.2	2.7		-3.6	4.2	2.0	20.8
20	990.3	1.5		-4.3	3.4	1.8	21.0
23	990.1	1.4		-4.2	2.6	1.2	22.4

Rain (pts)	Rain days (.01 in. or more)	Temperature °F							Sunshine (hrs)	Anem. (mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	5.6	16.0	30	-1.5	-12	24	-	-	4.8	24.1	ESE 85 9th

MAWSON

Latitude 67° 36'S

Longitude 62° 53'E

Height above M.S.L. 27 ft.

MAY, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	991.5	-0.9		-10.8	2.0	0.9	14.9
05	991.4	-0.8		-11.7	2.3	1.2	14.3
08	991.2	-1.2		-11.9	2.7	0.9	15.6
11	991.3	-1.2		-11.8	3.7	1.1	17.4
14	991.5	-0.6		-11.1	3.8	1.4	16.0
17	991.5	-0.5		-11.2	4.0	1.4	16.6
20	991.7	-1.1		-11.4	2.4	0.8	18.1
23	991.4	-1.0		-11.5	2.4	0.4	20.4

Rain (pts)	Rain days (.01 in. or more)	Temperature °F							Sun-shine (hrs)	Anem. (Mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	4.0	15.8	7	-5.1	-15.9	20	-	-	2.0	17.3	ESE 65 8th

JUNE, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	988.7	-7.3		-18.5	3.1	1.2	18.5
05	988.6	-7.8		-18.8	3.0	1.3	19.3
08	988.5	-7.6		-18.7	2.8	1.3	18.0
11	988.6	-7.7		-18.6	4.2	1.5	18.8
14	988.8	-7.6		-18.5	4.3	1.8	18.4
17	989.1	-7.9		-18.9	4.3	2.1	17.7
20	989.1	-7.3		-18.3	3.8	1.9	17.8
23	988.9	-7.3		-18.4	3.9	1.7	17.9

Rain (pts)	Rain days (.01 in. or more)	Temperature °F							Sun-shine (hrs)	Anem. (mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	-3.3	14.0	18	-11.2	-21.1	3	-	-	0.0	18.7	SE 83 5th

MAWSON

Latitude 67° 36'S

Longitude 62° 53'E

Height above M.S.L. 27 ft.

JULY, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	986.9	-7.5		-14.9	3.0	0.3	15.7
05	986.7	-7.2		-14.7	3.3	0.2	16.9
08	986.6	-6.3		-13.8	2.8	0.4	17.6
11	986.8	-6.8		-14.3	4.9	1.3	16.8
14	987.1	-6.7		-14.4	5.4	1.0	14.6
17	987.3	-7.2		-14.6	4.8	1.2	16.0
20	987.2	-7.2		-14.4	4.5	1.0	17.1
23	986.9	-6.9		-14.7	3.5	1.1	16.0

Rain (pts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (Mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	-1.6	18	29	-12.2	-26.6	26	-	-	0.6	16.9	SE 71 28th

AUGUST, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	986.7	-1.8		-14.6	3.0	1.0	26.4
05	986.6	-2.1		-15.0	2.8	0.7	27.3
08	986.6	-2.9		-16.0	4.3	0.8	25.9
11	986.6	-2.8		-15.6	5.1	1.2	25.2
14	986.2	-0.5		-13.9	4.9	1.3	23.2
17	986.4	-1.3		-14.5	4.9	1.2	24.1
20	986.4	-1.6		-14.6	4.1	1.3	25.3
23	986.2	-1.8		-14.7	3.5	1.3	26.4

Rain (pts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	2.7	16.3	11	-6.5	-21.2	21	-	-	3.3	24.7	ESE 82 1st

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

SEPTEMBER, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	976.3	-2.2		-12.5	3.6	0.1	29.0
05	976.1	-2.6		-12.6	3.4	0.4	27.8
08	976.4	-1.8		-12.8	4.9	1.1	26.5
11	976.5	0.7		-10.2	4.3	0.8	21.3
14	976.8	3.0		-7.9	4.3	1.0	18.9
17	976.6	1.9		-8.4	4.5	0.9	20.2
20	976.8	-0.9		-10.9	4.5	0.9	25.0
23	976.6	-1.6		-11.8	3.1	0.2	27.0

Rain (pts)	Rain days (.01 in. or more)	Temperature °F							Sun-shine (hrs)	Anem. (Mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	4.4	16.5	30	-6.1	-12.4	8	-	-	5.8	22.7	SE 73 1st

OCTOBER, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	986.2	3.9		-5.6	4.3	1.7	23.2
05	986.1	3.7		-6.4	4.5	2.2	23.9
08	986.2	5.5		-4.9	4.8	1.8	24.8
11	986.3	9.1		-2.4	6.0	2.2	20.4
14	986.1	11.5		0.3	5.9	2.4	16.1
17	986.1	11.4		0.5	5.9	2.5	15.5
20	986.3	7.7		-1.7	5.4	2.0	20.4
23	986.1	5.9		-3.7	5.0	1.9	22.8

Rain (pts)	Rain days (.01 in. or more)	Temperature °F							Sun-shine (hrs)	Anem. (mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	12.8	29.8	30	1.9	-11.0	9	-	-	6.5	20.2	SE 79 29th

MAWSON

Latitude 67° 36'S

Longitude 62° 53'E

Height above M.S.L. 27 ft.

NOVEMBER, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	982.2	17.9		6.8	4.7	2.1	24.4
05	982.2	17.7		5.8	4.6	2.4	25.2
08	982.2	20.4		7.5	4.3	1.9	25.3
11	982.2	23.2		10.3	5.1	2.3	22.4
14	982.2	26.5		12.7	4.8	1.9	17.9
17	982.3	26.3		13.0	5.2	2.3	15.5
20	982.4	23.2		11.5	5.2	1.9	15.5
23	982.5	19.2		8.3	5.1	2.4	22.0

Rain (pts)	Rain days (.01 in. or more)	Temperature °F							Sunshine (hrs)	Anem. (Mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	27.5	34.4	28	15.6	7.5	2	-	-	9.3	21.7	SE 64 11th

DECEMBER, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	980.5	25.5		14.5	5.1	1.4	27.9
05	981.6	25.8		13.2	5.1	1.4	28.9
08	981.2	28.1		15.0	4.6	1.4	29.1
11	981.1	31.5		18.4	5.2	2.0	24.4
14	981.3	33.3		21.2	5.3	2.3	20.3
17	981.3	33.3		21.0	5.4	1.8	17.6
20	981.4	31.1		20.9	5.5	1.7	16.8
23	981.5	28.0		18.1	5.0	1.6	21.8

Rain (pts)	Rain days (.01 in. or more)	Temperature °F							Sunshine (hrs)	Anem. (mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	34.2	40.9	31	24.2	14.9	3	-	-	9.6	22.0	ESE 103 9th

WILKES
Latitude 66° 15'S

Longitude 110° 35'E

Height above M.S.L. 39 ft.

JANUARY, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
00	981.3	31.2	28.3	22.4	6.6	4.6	10.2
03	981.3	33.0	29.5	23.1	6.2	3.8	9.8
06	981.5	33.4	30.0	23.4	6.5	3.4	10.2
09	981.6	33.5	30.1	23.9	6.2	3.1	9.9
12	981.7	32.4	29.3	23.4	6.4	3.4	9.0
15	981.5	30.5	27.9	22.3	6.6	4.2	9.3
18	981.3	29.5	27.1	22.0	6.6	4.7	9.5
21	981.5	29.5	27.0	21.5	6.4	4.2	10.2

Rain (pts)	Rain days (.01 in. or more)	Temperature °F							Sun-shine (hrs)	Anem. (Mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	35.8	41	4, 9, 26	26.7	19	1	-	-	-	-	E 76 23rd

FEBRUARY, 1960.

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	26.2	24.4	19.7	4.5	3.8	6.1
04	980.2	25.5	23.7	19.0	5.3	3.2	6.9
07	980.4	27.7	24.9	19.1	5.7	3.9	6.0
10	980.4	29.9	27.1	21.4	5.6	3.4	5.7
13	980.1	30.5	27.6	22.0	5.1	2.8	6.6
16	979.9	30.4	27.9	22.4	4.6	2.4	5.0
19	979.9	28.7	26.6	22.1	4.4	2.6	4.5
22	979.7	27.1	25.4	21.5	4.7	3.0	5.8

Rain (pts)	Rain days (.01 in. or more)	Temperature °F							Sun-shine (hrs)	Anem. (mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	33.2	43	3	22.6	9	29	-	-	6.9	-	E 40 3rd

WILKES
Latitude 66° 15'S

Longitude 110° 35'E

Height above M.S.L. 39 ft.

MARCH, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
01	969.9	13.5	12.9	8.3	3.9	1.4	7.9
04	969.7	13.3	12.5	7.8	5.0	2.8	7.6
07	969.4	13.7	13.0	8.5	4.4	2.3	10.5
10	969.1	14.9	14.3	10.0	5.4	2.4	11.6
13	969.4	16.6	15.7	11.1	5.4	2.1	10.1
16	969.5	15.6	14.7	10.1	5.1	2.3	8.6
19	969.8	14.1	13.3	9.4	5.0	3.0	10.0
22	969.7	13.2	12.6	8.4	3.9	2.7	9.3

Rain (pts)	Rain days (.01 in. or more)	Temperature °F						Mean Terr. Min.	Extr. Terr. Min.	Sunshine (hrs)	Anem. (Mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.						
-	-	21.0	33	2, 4	7.7	-4	22, 23	-	-	-	-	E 57 29th.

APRIL, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
01	982.1	8.5	7.9	2.6	5.6	3.8	6.4
04	982.3	7.7	7.3	2.2	5.0	2.3	5.3
07	982.4	8.1	7.5	2.2	6.4	3.5	4.6
10	982.5	9.3	8.6	3.5	6.2	4.1	5.8
13	982.2	10.3	9.7	5.2	6.5	4.5	6.2
16	982.3	9.5	9.0	4.7	6.4	3.9	6.4
19	982.5	8.6	8.0	3.3	4.9	3.1	7.6
22	982.3	8.3	7.8	3.3	5.5	2.9	8.0

Rain (pts)	Rain days (.01 in. or more)	Temperature °F						Mean Terr. Min.	Extr. Terr. Min.	Sunshine (hrs)	Anem. (mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.						
-	-	14.8	26	2, 15	1.8	-20	30	-	-	-	-	E 42 15th

WILKES
Latitude 66° 15'S

Longitude 110° 35'E

Height above M.S.L. 39 ft.

MAY, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
01	983.2	2.9	2.6	-2.7	5.0	3.2	8.6
04	983.3	2.0	1.7	-3.8	4.7	3.9	9.3
07	983.2	2.5	2.2	-3.4	5.2	3.7	11.4
10	983.3	2.6	2.2	-3.1	6.1	4.5	10.2
13	982.9	3.4	2.9	-2.5	6.5	4.6	9.9
16	983.1	3.2	2.8	-2.2	6.6	5.1	9.3
19	983.1	3.0	2.7	-2.8	5.3	3.4	9.1
22	983.0	2.8	2.5	-2.8	5.2	3.2	10.0

Rain (pts)	Rain days (.01 in. or more)	Temperature °F							Sunshine (hrs)	Anem. (Mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	11.1	33	14	-4.4	-22	11	-	-	-	-	E 63 12th

JUNE, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
01	982.9	1.6	1.2	-3.9	4.9	2.9	9.0
04	982.6	1.0	0.7	-4.8	5.8	2.7	8.9
07	982.6	0.3	-0.1	-5.8	4.6	3.4	8.3
10	982.7	-0.1	-0.6	-6.7	5.2	3.1	7.9
13	982.4	0.9	+0.4	-5.8	5.7	2.5	8.0
16	982.6	0.6	0.2	-5.7	4.8	2.8	8.2
19	983.0	1.6	1.4	-4.2	4.5	3.2	9.3
22	982.9	1.9	1.4	-4.2	5.0	3.8	8.9

Rain (pts)	Rain days (.01 in. or more)	Temperature °F							Sunshine (hrs)	Anem. (mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	9.6	25	30	-7.8	-26	6	-	-	-	-	E 73 29th

WILKES
Latitude 66° 15'S

Longitude 110° 35'E

Height above M.S.L. 39 ft.

JULY, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
01	983.4	-6.3	-6.5	-11.9	3.6	0.9	9.3
04	983.0	-6.2	-6.3	-11.9	3.8	1.1	9.3
07	983.2	-7.2	-7.4	-13.4	3.7	2.0	7.6
10	983.3	-7.0	-7.2	-13.2	3.8	2.1	8.2
13	983.1	-7.1	-7.3	-13.0	4.2	2.1	9.2
16	983.5	-8.1	-8.3	-14.0	3.4	1.4	7.1
19	983.8	-7.0	-7.2	-12.9	3.7	1.7	8.2
22	983.7	-6.4	-6.6	-12.4	3.8	1.5	9.5

Rain (pts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (Mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	0.9	27	28	-15.1	-36	20	-	-	-	-	ESE 89 25th

AUGUST, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
01	980.3	6.6	6.2	0.9	4.8	2.1	12.1
04	980.3	6.2	5.6	0.5	4.3	1.6	12.4
07	980.1	5.8	5.3	0.5	6.0	2.5	11.6
10	980.0	7.9	7.3	1.7	6.1	2.9	11.6
13	980.0	8.8	8.3	3.5	6.0	2.5	13.0
16	980.1	7.8	7.1	2.1	5.5	2.8	13.0
19	980.4	7.1	6.6	1.2	5.1	2.9	12.6
22	980.3	6.7	6.2	0.5	3.6	1.8	12.8

Rain (pts)	Rain days (.01 in. or more)	Temperature °F								Sun-shine (hrs)	Anem. (mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	15.1	30	10	-1.4	-16	2	-	-	-	-	ESE 86 9th

WILKES
Latitude 66° 15'S

Longitude 110° 35'E

Height above M.S.L. 39 ft.

SEPTEMBER, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
01	972.9	5.2	5.0	4.7	6.2	3.1	12.7
04	972.6	5.1	4.9	0.3	7.1	3.7	12.9
07	972.3	5.7	5.3	0.4	7.0	3.9	12.7
10	971.8	6.8	6.5	2.2	7.2	3.8	12.3
13	971.7	8.2	7.7	3.3	6.9	3.4	12.0
16	971.6	7.2	7.1	2.9	6.4	3.3	11.3
19	971.8	6.2	5.9	1.1	6.3	3.5	12.9
22	972.0	5.3	4.9	-0.2	5.7	2.4	12.4

Rain (pts)	Rain days (.01 in. or more)	Temperature °F							Sun-shine (hrs)	Anem. (Mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	12.9	33	28	-1.4	-25	10, 11	-	-	-	-	ESE 83 16th

OCTOBER, 1960.

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	10.8	10.3	4.9	5.5	2.4	13.7
04	979.5	10.5	9.7	4.2	6.6	2.4	13.8
07	979.8	11.4	10.7	5.7	6.5	2.9	11.0
10	979.9	13.9	13.1	7.8	6.3	3.3	11.9
13	979.8	15.0	14.2	9.1	6.0	2.3	13.8
16	979.7	14.9	13.9	8.7	6.6	2.5	14.3
19	979.7	12.5	11.9	6.5	6.2	2.0	14.7
22	979.4	11.9	11.1	5.7	5.9	2.7	14.8

Rain (pts)	Rain days (.01 in. or more)	Temperature °F							Sun-shine (hrs)	Anem. (mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	18.8	31	31	6.0	-8	29	-	-	-	-	E 95 12th

WILKES
Latitude 66° 15'S

Longitude 110° 35'E

Height above M.S.L. 39 ft.

NOVEMBER, 1960.

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	22.5	21.2	16.9	6.7	3.6	11.6
04	980.3	22.3	20.8	15.6	6.8	3.4	12.3
07	980.5	24.0	22.6	18.3	6.5	3.1	12.6
10	980.8	25.8	23.9	18.6	6.2	2.6	9.3
13	981.1	26.9	25.2	20.6	6.2	3.3	8.1
16	981.2	26.1	24.2	19.3	6.5	2.0	9.2
19	981.5	24.4	23.1	18.8	6.4	2.1	9.1
22	981.2	22.8	21.4	16.9	6.8	3.2	9.9

Rain (pts)	Rain days (.01 in. or more)	Temperature °F								Sunshine (hrs)	Anem. (Mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	28.9	36	25	18.9	7	13	-	-	-	-	E 69 14th

DECEMBER, 1960.

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
01	981.4	27.0	25.2	20.6	6.0	2.5	12.1
04	981.6	28.0	26.0	21.3	6.1	2.6	12.3
07	981.5	29.9	27.9	23.5	6.3	2.6	11.8
10	981.3	31.3	28.7	23.3	6.2	2.5	11.6
13	981.5	32.2	29.5	24.0	6.4	2.8	10.4
16	981.3	31.3	28.8	24.0	6.0	3.3	10.9
19	981.8	30.3	28.3	24.0	6.1	2.4	11.5
22	981.9	28.0	26.2	21.7	5.9	1.9	13.0

Rain (pts)	Rain days (.01 in. or more)	Temperature °F								Sunshine (hrs)	Anem. (mls per hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.		Mean Min.	Extr. Min.		Mean Terr. Min.	Extr. Terr. Min.			
-	-	34.5	42	20	24.3	16	2, 3	-	-	-	-	E 65 16th

FREQUENCY ANALYSES
DAVIS 1960

Station Level Pressure

Upper Limit Range - mb	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov	Dec.	Total
950							2		3	4			9
955						4	3		6	7	2		22
960						8	5	1	18	9	6		47
965			7			10	9	13	33	13	8	3	96
970	8	2	47	1		15	23	16	78	23	23	18	254
975	12	18	117	2	11	31	44	49	122	37	36	53	532
980	56	86	160	17	53	66	61	82	188	68	84	72	993
985	140	130	191	82	108	123	124	127	217	105	159	137	1643
990	181	184	229	129	163	166	183	176	238	186	191	208	2234
995	219	229	248	206	203	195	221	197	239	216	229	247	2649
1000	239	232	248	240	229	216	234	220	239	229	240	248	2814
1005	248	232	248	240	241	240	248	238	239	238	240	248	2900
1010	248	232	248	240	248	240	248	248	239	247	240	248	2926
1015	248	232	248	240	248	240	248	248	239	248	240	248	2927

Maximum Temperature

Upper Limit Range °F	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov	Dec.	Total
524							1						1
520							2						2
519							3						3
517						1	3						4
516				1		1	4						6
515				1		2	7						10
514				2		2	7						11
513				2		2	8						12
512				2		3	9						14
511				2		3	13	1					19
510				2		4	13	1	1				21
509				2		4	15	1	1				23
508				2		5	15	1	1				24
507				2	2	7	17	3	1				32
506				2	4	8	17	4	1				36
505				2	5	11	18	5	1				42
504				2	5	12	19	5	2				45
503				3	5	12	20	6	2				48
502				3	5	12	21	7	4				52
501				3	6	12	22	8	5				56
000				3	9	15	22	9	6				64
001				3	9	17	22	9	8				68
002				6	9	17	23	10	9				74
003				6	10	19	23	12	10				80
004				6	12	20	23	14	13	1			89
005				8	14	20	23	15	14	4			98
006			1	10	16	21	23	15	15	5			106
007			1	10	17	21	23	16	15	7			110
008			2	12	18	21	24	18	16	8			119
009			3	13	21	21	24	20	18	11			131
010			4	15	22	21	24	20	19	13			138
011			5	16	22	21	24	20	19	15			142
012			7	18	22	22	24	22	20	16			151
013			7	20	25	23	24	23	20	18			160
014			9	21	27	23	25	24	22	18			169
015			11	21	29	24	27	25	23	20			180
016			12	21	30	24	27	27	23	21			185
017			14	22	30	26	28	27	23	23			193
018			17	24	30	26	29	29	25	24			204
019			18	27	30	27	29	29	27	25	1		213
020			23	30	30	29	29	29	30	25	1		226
021			26	30	31	30	31	29	30	28	3		238
022		1	29	30	31	30	31	30	30	28	3		243
023		3	30	30	31	30	31	31	30	28	5		249
024		3	30	30	31	30	31	31	30	28	8		252
025		4	31	30	31	30	31	31	30	28	10	3	259
026		5	31	30	31	30	31	31	30	28	14	4	265
027		6	31	30	31	30	31	31	30	28	15	4	267
028		8	31	30	31	30	31	31	30	28	18	6	274
029		10	31	30	31	30	31	31	30	29	19	7	279
030	1	10	31	30	31	30	31	31	30	29	22	7	283
031	3	12	31	30	31	30	31	31	30	30	25	8	292
032	7	17	31	30	31	30	31	31	30	30	27	12	307
033	8	18	31	30	31	30	31	31	30	31	29	14	314
034	14	21	31	30	31	30	31	31	30	31	29	16	325
035	16	23	31	30	31	30	31	31	30	31	29	21	334
036	20	23	31	30	31	30	31	31	30	31	29	21	338
037	23	24	31	30	31	30	31	31	30	31	29	23	344
038	26	25	31	30	31	30	31	31	30	31	30	26	352
039	27	27	31	30	31	30	31	31	30	31	30	27	356
040	29	28	31	30	31	30	31	31	30	31	30	30	362
041	31	29	31	30	31	30	31	31	30	31	30	30	365
043	31	29	31	30	31	30	31	31	30	31	30	31	366

FREQUENCY ANALYSES
DAVIS 1960

Upper Limit Range °F	Minimum Temperature Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug	Sep.	Oct	Nov.	Dec.	Total
536							1						1
535							2						2
534							3						3
527							4						4
526							5						5
525						1	6						7
524						2	8						10
523						2	10						12
522						2	13		2				17
521						3	17	1	2				23
519					1	4	18	2	2				27
518				1	1	4	19	3	2				30
517				2	1	7	19	4	2				35
516				2	1	10	19	5	3				40
515				2	2	10	19	5	3				41
514				2	3	10	19	6	3				43
513				2	3	12	19	10	3				49
512				2	3	16	19	10	3				53
511				3	3	17	20	12	4	1			60
510				3	3	18	21	15	6	1			67
509				5	7	18	23	16	8	2			79
508			1	5	9	19	24	16	11	3			88
507			1	5	10	19	25	17	14	5			96
506			1	7	13	20	25	17	17	5			105
505			2	7	14	20	25	17	19	6			110
504			2	8	18	20	25	17	20	7			117
503			2	10	22	22	25	18	21	9			129
502			5	12	23	22	25	19	21	11			138
501			7	12	25	23	25	23	22	12			149
000			7	12	25	23	25	24	22	16			154
001			9	13	25	26	25	24	23	17			162
002			9	14	26	27	25	26	24	19			170
003			11	17	27	27	26	27	25	21			181
004			12	18	27	27	26	27	27	21			185
005		1	13	20	27	27	26	27	27	21			189
006		1	14	21	27	27	26	27	27	22			192
007		2	17	24	28	27	27	28	27	22			202
008		2	18	24	28	27	28	28	28	22			205
009		3	21	26	28	27	29	29	28	23			214
010		5	22	27	28	28	29	29	28	23			219
011		5	23	27	30	28	29	29	28	23			222
012		5	24	28	31	28	29	29	28	24			226
013		5	24	28	31	28	29	29	28	25	2		229
014		5	25	28	31	28	29	30	28	26	4	1	235
015		5	26	28	31	28	30	31	28	26	5	1	239
016		5	27	28	31	30	31	31	29	28	6	2	248
017		5	29	29	31	30	31	31	30	29	8	2	255
018		5	29	29	31	30	31	31	30	29	9	5	259
019		6	29	30	31	30	31	31	30	29	14	6	267
020		7	31	30	31	30	31	31	30	30	16	6	273
021	1	7	31	30	31	30	31	31	30	30	17	6	275
022	2	7	31	30	31	30	31	31	30	31	19	7	280
023	3	8	31	30	31	30	31	31	30	31	22	7	285
024	3	9	31	30	31	30	31	31	30	31	23	7	287
025	4	14	31	30	31	30	31	31	30	31	28	7	298
026	7	15	31	30	31	30	31	31	30	31	28	7	302
027	10	17	31	30	31	30	31	31	30	31	29	14	315
028	11	18	31	30	31	30	31	31	30	31	30	18	322
029	18	23	31	30	31	30	31	31	30	31	30	21	337
030	24	25	31	30	31	30	31	31	30	31	30	27	351
031	28	28	31	30	31	30	31	31	30	31	30	28	359
032	29	29	31	30	31	30	31	31	30	31	30	30	363
033	31	29	31	30	31	30	31	31	30	31	30	31	366

FREQUENCY ANALYSES
DAVIS 1960

Maximum Speed of Wind Gust

Upper Limit Range - Knots	Jan.	Feb.	Mar.	Apr	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
10	2	1		11	3	6	10	7	5	6	1	1	53
20	13	6	10	21	16	16	20	22	16	18	8	9	175
30	26	15	22	27	23	23	23	28	20	22	17	16	262
40	27	23	26	29	29	25	27	29	22	25	22	21	305
50	31	28	29	29	30	25	27	31	26	28	26	28	338
60	31	28	31	30	31	28	29	31	29	29	29	30	356
70	31	28	31	30	31	30	31	31	30	29	30	30	362
80	31	28	31	30	31	30	31	31	30	30	30	30	363
90	31	28	31	30	31	30	31	31	30	30	30	30	363
100	31	28	31	30	31	30	31	31	30	31	30	31	365

Daily Duration of Sunshine

Upper Limit Range - Hours													
00	4	15	14	18	19	30	30	20	11	14	11	5	191
01	9	16	19	19	19	30	30	20	12	14	12	5	205
02	11	17	22	21	22	30	30	21	14	15	13	6	222
03	12	17	24	21	24	30	30	22	15	15	14	6	230
04	12	18	24	23	28	30	31	23	16	15	14	6	240
05	14	18	25	26	30	30	31	26	17	16	15	6	254
06	14	18	25	26	31	30	31	27	18	16	16	6	258
07	16	18	26	30	31	30	31	30	19	18	19	8	276
08	16	18	26	30	31	30	31	31	21	19	22	9	284
09	18	19	29	30	31	30	31	31	24	22	23	11	299
10	20	19	31	30	31	30	31	31	30	26	23	13	315
11	20	19	31	30	31	30	31	31	30	29	25	13	320
12	20	19	31	30	31	30	31	31	30	29	26	13	321
13	21	19	31	30	31	30	31	31	30	31	27	13	325
14	22	22	31	30	31	30	31	31	30	31	28	16	333
15	23	26	31	30	31	30	31	31	30	31	28	16	338
16	24	27	31	30	31	30	31	31	30	31	30	17	343
17	25	29	31	30	31	30	31	31	30	31	30	18	347
18	26	29	31	30	31	30	31	31	30	31	30	21	351
19	26	29	31	30	31	30	31	31	30	31	30	21	351
20	26	29	31	30	31	30	31	31	30	31	30	23	353
21	30	29	31	30	31	30	31	31	30	31	30	23	357
22	31	29	31	30	31	30	31	31	30	31	30	27	362
23	31	29	31	30	31	30	31	31	30	31	30	31	366

FREQUENCY ANALYSES
DAVIS 1960

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.	021																2	2
	023																4	4
	024									1							4	5
	025			1						1					1		6	9
	026			2						1					1		7	11
	027			2	1	2				2					1	1	11	20
	028	1	1	2	1	2				2			1	1	1	1	13	26
	029	1	3	3	3	3			2	2	2	2	1	3	3	1	15	44
	030	1	4	6	7	5	1	2	3	6	2	4	2	3	6	3	19	74
	031	2	8	6	8	9	2	5	4	6	4	5	2	3	9	5	26	104
	032	2	11	7	13	10	3	10	7	7	7	6	3	4	12	8	35	145
	033	2	12	8	15	13	6	10	8	6	8	6	4	7	14	11	45	177
	034	2	12	8	16	13	8	11	11	8	8	6	5	7	16	11	52	194
	035	2	12	8	16	14	8	14	14	8	8	6	11	8	16	11	63	219
	036	2	12	8	16	14	8	14	14	11	10	7	11	8	16	12	69	232
	037	2	12	8	16	14	8	14	14	11	10	7	11	10	16	12	72	237
	038	2	12	8	16	14	8	14	14	11	10	7	11	11	16	12	72	238
	039	2	12	8	16	14	8	14	14	11	10	7	11	12	16	12	77	244
	040	2	12	8	16	14	8	14	14	11	10	7	11	12	16	12	80	247
	041	2	12	8	16	14	8	14	14	11	10	7	11	12	16	12	81	248

Feb.	005											1						1
	007							2				1						3
	009							2				1					1	4
	010							2	1		1	1					1	6
	011							2	2		1	2	2				1	10
	013							2	2	1	1	2	2	1			1	12
	014							2	2	2	2	2	2	1			1	14
	015							2	2	3	3	2	3	1		1	2	19
	017							2	2	3	3	2	4	1	1	1	2	21
	018							2	2	4	3	2	4	1	1	1	3	23
	019							2	2	4	3	3	5	2	2	1	4	28
	020							2	2	4	3	3	5	2	2	2	4	29
	021				1		1	2	2	4	3	3	5	2	2	2	5	32
	022				1		1	2	2	4	3	3	5	3	2	3	6	35
	023			1	1		1	2	3	4	3	4	5	3	2	4	7	40
	024			1	1		2	2	3	4	3	4	6	3	3	4	9	45
	025			1	1	1	5	2	5	6	3	4	7	6	4	4	14	63
	026			1	1	1	5	2	6	6	3	5	8	6	4	5	20	73
	027	1	1	1	1	2	7	3	6	7	4	6	11	6	5	7	26	94
	028	1	1	1	2	2	9	3	7	7	5	7	11	7	5	9	29	106
	029	1	1	1	2	2	10	4	7	7	5	8	14	7	8	9	36	122
	030	1	1	1	3	2	10	5	7	7	6	8	14	8	10	10	53	146
	031	1	1	1	3	2	10	5	7	7	6	8	14	9	10	11	75	170
	032	1	1	1	3	2	10	5	7	7	6	8	14	10	10	12	85	182
	033	1	1	1	3	2	10	5	7	7	6	8	14	10	10	13	97	195
	034	1	1	1	3	3	11	5	7	7	6	8	15	10	10	14	3	205
	035	1	1	1	3	3	11	5	7	7	6	8	15	11	10	17	10	216
	036	1	1	1	3	3	11	5	7	8	6	8	15	11	11	17	14	222
	037	1	1	1	3	3	11	5	7	8	6	8	15	11	11	18	19	228
	038	1	1	1	3	3	11	5	7	8	6	8	15	11	11	18	20	229
	039	1	1	1	3	3	11	5	7	8	6	8	15	11	11	18	21	230
	040	1	1	1	3	3	11	5	7	8	6	8	15	11	11	18	23	232

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
Mar.	508								1									1
	506								2	1			1					4
	505							1	2	1			1					5
	504							1	2	1			1			1		6
	503					1		1	2	1			1			1		7
	502		1			1		1	3	2		1	1	1		1		12
	501		1		1	1	1	1	4	3		1	1	1		1		16
	000		1		1	2	1	1	4	3		1	3	2		2		21
	001		1		1	2	1	1	4	3		1	4	3	1	3		25
	002		1		1	2	2	1	4	3		1	5	3	1	4	1	29
	003		1		2	2	2	1	4	3		2	6	3	2	4	1	33
	004		1		3	4	2	1	4	4		2	6	4	2	5	1	39
	005		1	1	4	4	2	1	5	4	1	2	7	5	4	5	1	47
	006		1	1	4	4	2	1	5	5	2	2	8	5	4	5	3	52
	007		1	2	5	4	2	2	6	9	3	2	13	7	5	5	3	69
	008		1	2	5	4	3	2	6	11	3	2	13	8	5	5	4	74
	009		1	3	6	4	4	3	6	12	5	2	14	8	5	5	9	87
	010		1	3	7	4	6	4	11	14	5	3	14	8	6	6	10	102
	011		1	4	7	5	7	5	12	14	5	3	15	8	6	8	11	111
	012		1	5	8	5	7	5	13	14	5	3	15	8	6	9	11	115
	013		1	6	10	5	7	7	14	14	6	4	15	8	6	9	11	123
	014		1	7	10	8	8	8	14	14	7	4	16	8	6	9	13	133
	015	1	1	8	10	13	10	9	17	15	10	5	16	8	6	10	14	153
	016	1	2	10	11	13	10	10	18	15	10	6	17	8	7	12	14	164
	017	1	2	10	13	14	12	10	20	16	10	6	19	9	7	12	15	176
	018	3	5	11	13	14	13	11	21	16	10	6	19	11	7	13	17	190
	019	5	7	12	14	15	16	12	22	17	10	7	20	12	8	13	18	208
	020	5	7	13	14	16	17	14	22	18	10	7	20	12	9	16	22	222
	021	5	7	16	16	16	17	15	23	18	11	7	21	15	10	17	23	237
	022	5	8	17	16	17	17	15	23	19	11	7	21	15	10	18	23	242
	023	5	8	17	16	17	17	15	23	20	11	7	21	15	13	19	23	247
	025	5	8	17	16	17	17	15	23	20	11	7	21	15	14	19	23	248

Apr.	517									1			2					3
	516									2	2	1	2					7
	515							1		2	4	1	2					10
	514							1		3	4	2	2					12
	513							1		3	5	2	2					13
	511							1		3	5	3	2					14
	510							1	1	5	6	4	2					19
	509							1	1	6	7	4	2					21
	508							1	1	6	7	5	2					22
	507							2	3	6	7	5	2					25
	506			1				4	3	6	7	5	2					28
	505			1	1		1	5	4	7	8	6	2					35
	504			2	1		1	5	6	8	9	6	2					40
	503	1		3	1		1	6	9	8	9	6	2	1				47
	502	1	1	3	1		1	7	9	8	10	6	2	1				50
	501	1	1	3	1	2	1	7	9	8	10	6	2	1				52
	000	1	1	4	1	3	1	7	11	9	12	7	2	1				60
	001	1	1	4	2	4	1	7	12	9	13	7	2	1	1		2	67
	002	1	1	5	2	4	1	7	14	9	13	7	3	1	1	1	2	72
	003	1	2	6	2	6	3	8	14	9	13	7	3	1	3	2	3	83
	004	1	2	6	2	6	3	9	15	12	13	7	3	1	3	4	4	91
	005	1	3	6	3	8	4	9	15	14	13	9	4	1	3	4	5	102
	006	1	3	6	4	8	5	9	17	15	16	11	5	1	3	4	6	114
	007	1	4	7	6	12	6	10	17	17	16	14	6	1	3	5	7	132
	008	1	4	7	8	14	6	10	17	17	17	16	6	1	4	5	7	140
	009	1	5	9	8	14	6	10	19	17	17	18	7	5	5	5	7	153
	010	1	5	10	8	14	6	11	19	20	19	20	8	5	5	5	7	163
	011	1	5	10	9	14	6	11	19	21	21	23	8	5	5	5	8	171
	012	1	5	10	9	14	6	11	20	22	21	25	10	5	5	5	9	178
	013	1	5	11	9	14	6	11	22	24	24	25	12	5	6	5	9	189
	014	1	5	12	10	14	7	12	23	24	25	26	12	5	6	5	9	196
	015	2	5	12	10	14	7	15	24	24	26	26	14	5	6	5	9	204
	016	2	5	13	10	14	7	15	24	24	26	26	14	6	6	5	9	206
	017	2	6	14	10	14	8	15	24	25	27	27	14	6	6	6	9	213
	018	2	7	14	10	15	8	16	25	25	29	27	14	7	6	6	10	221
	019	2	12	14	11	15	10	16	25	25	29	27	17	7	7	6	10	233
	020	2	15	14	11	16	10	16	25	25	29	28	17	8	7	6	11	240

FREQUENCY ANALYSES
DAVIS 1960

Screen Temperature v Dew Point Depression

Dew Point Depression

	°F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>14	Total
May.	519										1							1
	514										1	1						2
	513										1	1	2	1				5
	512										1	3	3	1				8
	511										1	5	3	1				10
	510										1	5	5	3				14
	509									1	1	9	5	6	3			25
	508							1		2	2	10	8	7	4		1	35
	507							1	1	3	3	12	9	8	5	1	2	44
	506							1	1	3	4	13	11	8	5	1	4	51
	505							1	1	5	4	15	14	9	5	1	5	60
	504			1				1	2	6	4	16	15	9	6	2	5	67
	503			1		2	2	2	5	8	6	19	16	10	6	2	6	85
	502			1		2	2	2	5	8	6	19	19	13	9	2	7	95
	501			1		2	2	2	5	10	8	20	21	14	12	2	7	106
	000			2	2	2	2	2	6	10	10	21	23	14	16	3	9	122
	001			2	2	3	2	2	6	10	11	22	27	14	18	6	11	136
	002			2	2	3	2	3	6	13	11	22	28	14	19	8	15	148
	003			2	2	3	2	3	6	13	12	22	31	16	21	8	17	158
	004			2	2	3	3	4	6	13	12	23	32	17	23	8	17	165
	005			3	2	4	4	4	7	14	12	24	33	17	25	8	17	174
	006			5	2	4	5	4	7	14	12	24	34	18	25	8	17	179
	007		1	6	2	4	5	4	7	15	12	25	35	19	26	8	18	187
	008		1	6	2	4	5	4	7	16	13	26	35	19	26	8	18	190
	009		1	6	2	4	5	4	7	19	13	27	37	21	26	9	18	199
	010		1	6	2	4	5	6	7	19	13	27	37	21	26	9	18	201
	011		2	6	2	4	5	7	7	20	13	27	37	21	26	9	18	204
	012		3	6	3	5	7	11	7	20	13	27	37	22	26	9	18	214
	013		4	8	3	5	8	13	8	21	14	27	37	22	27	9	19	225
	014		5	8	3	6	10	13	8	21	14	27	38	23	27	9	19	231
	015		5	8	3	7	10	15	9	23	15	27	39	24	27	9	19	240
	016		5	8	3	7	10	15	9	23	15	27	40	24	27	9	19	241
	017		5	8	3	7	10	16	9	23	16	27	40	24	27	9	19	243
	018		5	8	4	7	10	16	9	23	16	27	40	24	27	9	19	244
	019		5	8	6	7	10	16	9	23	16	27	40	25	27	9	19	247
	020		5	8	6	7	10	16	9	23	16	27	40	26	27	9	19	248
Jun.	525																	1
	524					1												3
	523					3												5
	522					5												6
	521					6												7
	519			1		6												9
	518			1		6				2								12
	517			2		6		1		3								19
	516			2	1	7	1	1		3	2	1	1					27
	515			5	1	9	1	1		3	2	2	2	1				36
	514			5	1	9	2	2		4	2	2	4	5			1	43
	513			6	2	10	2	2	1	5	2	3	4	5			1	50
	512			7	2	10	3	3	1	5	2	3	6	6		1	1	56
	511		1	8	2	10	4	3	1	6	2	4	8	6		1	1	67
	510		1	8	3	10	5	6	2	7	2	7	9	7		1	2	76
	509		1	8	3	10	6	9	3	8	3	7	10	7	1	1	2	95
	508		1	9	3	12	7	9	3	12	4	10	15	8	1	1	2	99
	507		1	9	3	12	8	9	4	12	5	11	15	8	1	1	2	110
	506		1	9	3	14	8	10	4	14	5	11	18	10	2	1	2	118
	505		1	9	3	15	8	12	4	15	6	13	18	11	2	1	2	126
	504		1	10	3	16	9	12	4	15	6	13	20	12	4	1	2	129
	503		1	10	3	16	9	12	4	15	6	13	22	13	4	1	2	138
	502		1	10	3	16	9	13	6	15	6	15	23	14	5	2	2	147
	501		1	11	3	16	10	15	7	16	7	15	24	14	5	3	2	159
	000		3	12	4	17	12	16	8	16	9	15	25	14	5	3	2	165
	001		3	13	5	17	12	18	8	16	10	15	25	14	5	3	3	172
	002		4	13	6	17	12	19	8	16	10	15	28	15	5	3	3	177
	003		4	13	7	18	12	19	8	16	10	15	28	17	5	3	4	182
	004		4	13	7	19	13	19	9	16	10	15	29	17	5	4	4	183
	005		4	13	8	19	13	19	9	16	10	15	29	17	5	4	4	186
	006		4	13	9	19	13	19	9	16	10	16	29	17	5	4	5	188
	007		4	13	9	19	13	19	9	16	10	16	30	17	5	4	6	195
	008		4	14	11	19	13	20	9	17	11	16	30	17	5	4	7	196
	009		4	14	11	20	13	20	9	17	11	16	30	17	5	4	7	200
	010		5	14	11	20	13	21	9	17	12	16	30	17	5	4	8	203
	012		5	14	11	20	14	21	10	17	12	17	30	17	5	4	8	204
	013	1	5	14	11	20	15	21	10	17	12	17	30	17	5	4	8	206
	014	1	5	15	11	20	15	21	10	17	12	17	30	17	5	4	9	209
	015	1	6	15	12	20	16	21	11	17	13	18	30	18	5	4	9	215
	016	1	6	15	12	20	16	21	12	17	13	19	30	19	5	4	9	217
	017	1	6	15	12	20	17	21	12	18	15	22	32	22	5	4	9	229
	018	1	6	15	12	20	17	21	12	18	16	22	32	23	5	4	9	231
	019	1	6	15	12	20	17	21	12	18	16	22	33	23	6	4	9	233
	020	1	7	16	12	20	18	21	12	18	16	22	33	24	7	4	9	238

FREQUENCY ANALYSES
DAVIS 1960

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
Jul.	536				2													2
	535				3													3
	530				3	1												4
	527				4	3												7
	526				4	5												9
	525				4	6				1	2							13
	524				4	8				1	2	1						16
	523				4	12	2			1	3	1	4					27
	522				5	17	2			1	5	3	4					37
	521				6	20	3			1	7	6	7	1	3	1		55
	520				8	21	3			2	7	8	10	2	6	2		69
	519				8	21	6			3	8	10	10	6	7	2		81
	518				8	23	6	1		4	11	11	11	6	8	2		91
	517			1	10	24	6	1	1	5	11	11	11	7	8	2		98
	516			1	11	26	8	2	1	6	12	13	12	8	10	2		112
	515		1	1	11	29	8	3	1	7	12	13	13	8	10	2		119
	514		1	1	11	30	8	3	1	7	12	13	13	8	11	2		121
	513		2	2	12	30	8	5	2	8	12	14	15	8	11	2		131
	512		2	3	12	30	8	5	2	8	13	14	15	8	11	2		133
	511		2	3	12	32	8	5	2	9	13	14	16	8	11	2		137
	510		2	3	13	32	8	5	2	9	13	14	16	8	11	4	1	141
	509		3	4	13	32	11	5	2	9	13	15	17	8	11	4	1	148
	508		3	4	14	32	11	5	3	9	13	15	17	8	11	4	2	151
	507		3	4	15	32	11	5	4	9	13	15	17	13	11	5	4	161
	506		3	4	16	33	11	5	4	9	13	16	17	14	11	5	4	165
	505		3	6	17	33	12	5	4	10	13	16	18	16	12	5	4	174
	504	1	3	6	17	33	12	5	4	10	13	17	18	16	14	6	4	179
	503	1	3	6	17	34	14	5	4	10	13	18	18	16	14	6	4	183
	502	1	3	7	17	35	14	5	4	10	13	19	19	16	16	6	4	189
	001	1	3	8	17	35	14	5	4	10	13	19	19	16	16	6	4	190
	002	1	3	8	17	35	15	5	4	10	13	19	19	16	16	6	4	191
	005	1	4	8	17	35	15	5	4	10	13	19	19	17	16	6	4	193
	007	1	4	10	18	35	15	5	4	10	13	19	19	17	16	6	4	196
	008	3	4	10	18	35	15	5	5	10	13	19	19	17	16	6	4	199
	009	4	5	11	18	36	15	5	6	11	13	19	19	17	16	6	4	205
	010	4	5	11	20	36	15	5	6	11	13	20	19	17	16	6	4	208
	011	4	8	11	20	37	15	5	7	11	13	20	19	17	16	6	4	213
	012	6	8	12	20	37	15	5	7	11	13	20	19	17	16	6	4	216
	013	6	10	14	21	38	15	5	7	11	13	20	19	17	16	6	4	222
	014	6	11	14	22	38	18	6	7	11	13	20	19	17	16	6	4	228
	015	9	12	14	22	38	18	6	7	11	13	20	19	17	16	6	4	232
	016	9	12	15	22	38	19	6	7	11	13	20	19	17	16	6	4	234
	017	9	12	15	23	39	19	6	7	11	13	20	19	17	16	6	4	236
	018	9	12	16	24	39	19	6	7	13	13	20	19	17	16	6	4	240
	019	9	12	17	25	39	20	6	7	13	13	20	19	17	16	6	4	243
	020	9	12	19	27	39	20	6	7	13	13	20	19	17	16	6	4	247
	021	9	12	19	27	39	20	6	7	14	13	20	19	17	16	6	4	248

FREQUENCY ANALYSES
DAVIS 1960

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.	519			1			1											2
	518			1		1	1											3
	517			1	1	1	1											4
	516			1	1	1	3											6
	515			1	1	1	4											7
	514			2	1	1	4											8
	513			6	1	1	4											12
	512			7	3	1	4							1	1			17
	511			11	4	3	4							1	2			25
	510		3	13	9	3	4							3	5	2		42
	509		3	14	12	4	4			1			1	3	5	4	1	52
	508		4	18	13	4	5			1			1	3	5	4	1	59
	507		5	19	16	4	6			2	1		1	3	7	6	1	71
	506		5	22	16	6	6	1		4	2	1	2	4	7	6	1	83
	505		5	22	16	6	6	2		5	2	3	3	5	7	7	2	91
	504		6	22	16	6	6	2		5	4	3	3	5	7	7	3	95
	503		8	24	16	6	6	2		6	5	3	3	8	7	8	4	106
	502		8	25	16	7	6	2		6	6	3	3	8	7	9	5	111
	501		8	26	16	8	7	2		6	6	4	5	8	8	11	8	123
	000		11	26	16	8	8	2		6	7	4	5	9	8	11	8	129
	001	1	15	26	16	8	8	3	1	6	8	6	5	9	8	11	9	140
	002	1	17	26	17	9	8	3	1	7	9	7	6	9	8	11	11	150
	003	5	18	26	18	9	8	3	1	8	11	7	6	10	8	11	12	161
	004	5	20	27	18	10	8	3	2	10	11	9	6	10	8	11	12	170
	005	6	20	27	18	10	8	3	2	10	12	9	6	10	8	11	12	172
	006	6	21	27	18	11	8	3	3	10	12	9	6	11	8	11	12	176
	007	8	21	27	21	11	9	3	3	10	12	10	7	11	8	12	13	186
	008	9	21	27	22	11	10	3	3	11	12	10	7	12	8	12	14	192
	009	9	23	28	22	11	11	3	3	11	13	10	7	12	8	12	16	199
	010	9	23	28	23	11	11	3	3	11	13	10	7	12	8	12	18	202
	011	9	24	28	23	11	11	3	3	11	14	10	7	12	8	12	19	205
	012	9	24	28	23	11	11	3	5	11	14	11	8	12	8	13	20	211
	013	9	24	28	23	11	11	3	6	11	14	11	8	12	8	14	20	213
	014	9	25	29	24	12	11	3	7	11	14	11	8	12	8	14	21	219
	015	9	25	29	25	12	11	4	7	15	16	11	8	12	9	14	22	229
	016	9	25	29	25	12	11	4	7	15	16	11	8	12	9	14	23	230
	017	9	25	29	25	12	11	4	8	15	17	13	8	13	9	14	23	235
	018	9	25	29	25	12	11	4	8	15	17	14	12	13	9	15	23	241
	019	9	25	29	25	12	11	4	8	15	17	14	12	13	9	15	25	243
	020	9	25	29	25	12	11	4	8	15	17	14	12	13	9	15	26	244
	021	9	25	29	25	12	11	4	8	15	17	14	12	13	9	15	27	245
	022	9	25	29	25	12	11	4	8	15	17	14	12	13	9	15	28	246
	023	9	25	29	25	12	11	5	8	15	17	14	12	13	9	16	28	248
Sep.	522							1	1									2
	521							1	2									3
	519				1			2	3									6
	515	1			1			2	3		1							8
	514	1			1			2	3		2		2		1			12
	513	1		1	1			2	3		2		2		1			13
	512	1		1	1			2	3	1	2		5		1			17
	511	1		1	1			3	3	2	2		5		1			19
	510	1		1	1			3	3	2	3		6	1	1			22
	509	1		1	2			3	3	3	3		6	1	1			24
	508	1		1	2			3	3	3	3		7	1	1			25
	507	1		1	2			3	5	5	5	1	8	1	1			33
	506	1		1	2			3	7	7	5	2	9	1	1			39
	505	1	1	2	2			3	7	7	6	5	14	2	1			51
	504	1	2	3	3	1		3	9	7	6	7	15	6	1			64
	503	1	3	5	3	1	1	3	11	7	6	9	15	7	2			74
	502	1	3	7	6	1	1	4	11	7	7	9	18	8	3			86
	501	1	4	7	6	2	1	5	11	8	8	11	19	9	5			97
	000	3	5	7	6	3	2	5	12	8	9	11	20	11	6			108
	001	3	7	7	6	4	4	6	12	8	9	12	21	13	7			119
	002	3	8	7	6	4	4	6	12	9	9	12	21	14	7	1		123
	003	3	8	7	6	4	5	6	12	10	9	12	23	15	8	2	1	131
	004	3	8	7	6	4	6	8	12	13	10	12	24	17	8	3	2	143
	005	3	8	7	6	5	7	8	12	13	11	13	26	17	10	5	4	155
	006	3	8	7	6	5	7	8	12	13	12	13	28	18	12	6	4	162
	007	3	9	7	6	5	7	9	12	13	13	13	28	20	13	6	5	169
	008	3	10	7	6	5	7	10	12	13	13	13	29	20	13	6	7	174
	009	3	13	8	6	5	7	10	13	14	13	13	29	20	14	7	8	183
	010	3	13	8	6	5	7	10	13	14	13	14	29	21	14	8	8	186
	011	4	13	8	6	5	7	10	14	14	14	15	30	21	14	8	8	191
	012	4	14	8	6	5	8	10	14	14	14	15	30	21	14	8	9	194
	013	4	14	9	6	6	9	10	14	14	14	15	30	21	14	9	11	200
	014	4	14	9	6	6	9	10	14	15	15	15	31	21	14	9	11	203
	015	4	14	9	6	6	11	11	14	15	15	15	32	21	14	9	14	210
	016	4	14	9	8	8	11	11	14	15	15	15	32	21	14	9	14	214
	017	4	14	11	8	8	11	12	14	15	15	16	32	21	14	9	15	219
	018	4	14	11	8	8	11	12	15	15	17	17	33	21	14	11	16	227
	019	5	14	11	9	8	12	13	16	15	17	19	33	21	14	11	17	235
	020	6	14	11	9	8	12	14	16	16	17	19	34	21	14	11	17	239

Screen Temperature v Dew Point Depression

Dew Point Depression

	°F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>14	Total
Oct.	509											1	1					2
	508											1	1			1		3
	507											2	1	1	1	1		6
	506											4	1	1	1	1		8
	505											5	2	2	1	1		11
	504								1			5	2	3	1	1		13
	503								1	1		5	2	3	1	1		14
	502								2	1	1	7	3	3	1	1		19
	501								3	1	2	8	3	6	2	2		27
	000						1	1	3	2	2	11	5	7	2	3		37
	001		1				2	1	3	3	4	11	6	8	2	3		44
	002		1				2	1	4	3	7	13	6	8	3	3		51
	003		1	1			2	1	4	4	7	13	8	9	3	6	1	60
	004		2	1			3	2	4	5	11	14	11	10	5	7	1	76
	005	1	2	1	1		3	3	4	7	14	16	11	13	8	8	1	93
	006	1	3	1	1	1	3	5	5	7	16	16	12	14	9	8	1	103
	007	1	3	1	1	1	4	7	5	8	16	18	14	15	9	9	2	114
	008	1	3	1	1	1	4	8	5	8	16	20	15	15	10	9	2	119
	009	1	3	2	1	1	5	9	6	9	17	21	17	18	13	10	2	135
	010	1	3	2	1	2	6	9	7	10	20	21	19	19	17	10	2	149
	011	1	4	2	1	2	6	10	7	11	20	22	19	21	19	10	3	158
	012	1	4	2	1	2	7	10	7	11	21	22	19	22	20	10	4	163
	013	1	5	2	1	2	10	10	7	11	23	22	20	23	20	10	4	171
	014	1	5	2	2	2	10	11	8	11	23	23	21	25	21	10	5	180
	015	2	6	2	2	3	11	13	9	11	24	23	21	25	21	12	5	190
	016	3	6	2	2	3	12	13	10	11	26	25	23	26	21	13	5	201
	017	4	6	2	2	3	13	13	10	12	27	26	25	27	21	13	5	209
	018	4	6	2	2	3	13	13	10	13	28	26	25	27	22	13	5	212
	019	4	6	2	2	3	13	13	10	13	29	27	26	28	24	13	6	219
	020	4	6	2	2	3	13	14	10	13	29	27	26	28	24	13	9	223
	021	4	6	2	2	3	13	14	10	13	30	27	28	30	24	13	11	230
	022	4	6	2	3	3	13	14	10	13	30	27	28	31	24	13	11	232
	023	4	6	2	3	3	14	14	10	13	30	27	28	31	24	13	11	233
	024	4	6	2	3	3	15	14	10	13	30	27	28	31	25	13	11	235
	028	4	6	3	3	3	16	14	10	14	31	27	28	31	25	13	11	239
	029	4	6	3	3	3	17	14	10	15	31	27	28	31	25	13	11	241
	030	4	6	3	3	3	18	15	10	15	31	27	28	31	25	14	11	244
	031	4	6	3	3	4	19	15	10	15	31	27	28	31	25	15	11	247
	032	4	6	3	3	4	19	15	10	15	31	27	29	31	25	15	11	248
Nov.	013												1				1	2
	014												2		1		2	5
	015												2		2		5	9
	016												2		3		6	11
	017												2		4		10	16
	018												2		4		16	22
	019				2				1		1		2		4		25	35
	020				2		1	1	1		1		2		6		35	49
	021		1		2		1	1	2		2	1	3		9	2	41	65
	022		1		2		1	1	2		2	2	4	3	11	3	49	81
	023	1	1		3		1	2	3	1	2	2	7	6	12	8	56	105
	024	2	1	1	3		3	2	3	3	2	3	8	6	14	11	64	126
	025	2	2	2	4	1	4	4	3	4	2	3	8	6	14	12	80	151
	026	2	2	2	4	3	5	4	3	4	2	3	8	6	14	13	89	164
	027	2	2	4	4	4	6	4	3	4	2	3	9	6	14	14	104	185
	028	2	2	4	4	4	7	4	4	4	2	3	10	7	15	15	109	196
	029	2	4	4	4	4	8	4	5	5	3	3	11	8	15	17	114	211
	030	2	4	4	6	4	8	4	5	5	4	3	13	8	16	17	121	224
	031	2	4	5	6	4	8	4	6	5	4	3	15	8	16	17	124	231
	032	2	4	5	6	4	8	4	6	5	4	3	15	8	16	17	126	233
	033	2	4	5	6	4	8	5	7	5	4	3	15	9	16	17	126	236
	034	2	4	5	6	4	8	5	7	5	4	3	15	9	16	17	127	237
	035	2	4	5	6	4	8	5	7	6	4	3	15	9	16	18	127	239
	038	2	4	5	6	4	8	5	7	6	4	3	15	9	16	18	128	240

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
Dec.	014					1												1
	015				1	1	1											3
	016				1	2	2											5
	017				1	3	3											7
	018				1	3	4			1							1	10
	019				2	3	4			2							1	12
	020				3	3	4			2							1	13
	021			1	5	3	4			2			1				1	17
	022			1	5	3	5	1		2			1		1		4	23
	023			1	5	3	5	2	1	2	1	1	2		1		6	30
	024		1	1	5	3	6	3	2	2	1	1	2		1		6	34
	025		1	1	5	3	6	6	2	4	1	2	3		4	2	8	48
	026		1	1	5	3	6	7	2	4	1	2	3	1	4	2	8	50
	027		1	1	5	3	6	7	3	4	1	2	5	1	6	2	16	63
	028		1	1	5	3	6	7	4	4	3	2	5	1	6	3	24	75
	029		1	1	5	3	6	7	4	4	5	3	6	2	6	6	30	89
	030		1	1	5	3	6	7	4	4	7	4	8	2	7	7	47	113
	031		1	1	5	3	6	7	4	4	7	4	9	2	7	11	64	135
	032		1	1	5	3	6	7	4	6	7	5	9	2	8	13	87	164
	033		1	1	5	3	6	8	4	6	8	6	10	3	11	15	103	190
	034		1	1	5	3	6	8	4	6	8	7	10	3	11	17	112	202
	035		1	1	5	3	6	8	4	7	8	8	10	3	11	17	130	222
	036		1	1	5	3	6	8	4	7	8	8	10	3	11	17	133	225
	037		1	1	5	3	6	8	4	7	8	8	10	3	11	17	144	236
	038		1	1	5	3	6	8	4	7	8	8	10	3	11	18	149	242
	039		1	1	5	3	6	8	4	7	8	8	10	3	11	18	151	244
	040		1	1	5	3	6	8	4	7	8	8	10	3	11	18	154	247
	043		1	1	5	3	6	8	4	7	8	8	10	3	11	18	155	248

FREQUENCY ANALYSES
MACQUARIE ISLAND 1960

Station Level Pressure

Upper Limit Range - mb	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
955									3				3
960		1			1				5				7
965	3	3			4				5			4	19
970	13	7		5	6		1		6			5	43
975	17	13		18	11		7		15		4	7	92
980	26	30	8	30	17	3	22		17	1	12	12	178
985	36	48	16	48	28	14	57		28	17	30	32	354
990	77	82	35	63	52	29	95	4	36	35	63	49	620
995	104	131	63	85	73	54	115	10	50	54	121	80	940
1000	151	157	120	98	91	78	135	42	83	104	158	115	1332
1005	198	185	156	115	125	107	153	91	134	156	196	152	1768
1010	237	216	182	169	159	151	171	138	176	208	204	180	2191
1015	248	232	205	211	185	182	214	181	209	234	215	234	2550
1020	248	232	227	228	216	199	237	244	229	247	231	247	2785
1025	248	232	248	240	237	223	248	248	239	247	237	247	2894
1030	248	232	248	240	246	238	248	248	239	247	237	247	2918
1035	248	232	248	240	248	238	248	248	239	247	237	247	2920

Maximum Temperature

Upper Limit Range - °F	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
33						1							1
34						1		1					2
35						1		2					3
36						2		2					4
37						2	1	3	2				8
38						2	4	7	5		1		19
39					5	4	6	10	8	2	2		37
40					9	6	7	11	10	4	2		49
41				1	12	9	14	14	14	5	4		73
42	1			6	15	17	18	16	19	7	6		105
43	1			6	19	26	26	27	24	11	11		151
44	2		3	11	23	27	28	31	24	21	14	3	187
45	8	2	9	19	27	29	30	31	29	27	19	11	241
46	13	9	17	25	29	30	30	31	30	29	24	19	286
47	19	20	28	27	30	30	31	31	30	31	29	23	329
48	27	24	31	29	30	30	31	31	30	31	30	28	352
49	31	29	31	30	31	30	31	31	30	31	30	31	366

Minimum Temperature

Upper Limit Range - °F	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
25						1		1					2
27						1	1	1					3
28					1	1	2	1					5
29					1	2	3	2	4				12
30					2	3	5	4	4	1			19
31					4	3	7	5	5	4	1		29
32					5	8	8	5	8	4	3		41
33			1	1	7	9	12	8	10	6	5		59
34			1	2	9	11	16	10	12	7	8	3	79
35			1	2	12	13	17	14	18	8	13	6	104
36			3	3	14	16	18	18	23	10	13	8	126
37	3	2	4	6	18	19	21	21	24	14	17	12	161
38	9	3	4	10	20	23	21	25	24	17	19	17	192
39	11	7	7	15	21	27	24	28	27	22	24	22	235
40	20	12	9	20	23	27	26	28	28	25	24	26	268
41	23	16	15	27	27	30	29	31	28	27	26	31	310
42	27	21	22	29	30	30	30	31	30	31	30	31	342
43	29	26	27	29	31	30	31	31	30	31	30	31	356
44	30	28	30	30	31	30	31	31	30	31	30	31	363
45	30	29	31	30	31	30	31	31	30	31	30	31	365

FREQUENCY ANALYSES
MACQUARIE ISLAND 1960

Terrestrial Minimum Temperature

Upper Limit Range °F	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
21							1						1
23					1	1	1						3
24					1	1	1	1	1				5
25					1	2	2	4	4				13
26					2	2	4	5	7				20
27					3	2	6	5	7	1			24
28					3	4	7	7	9	3			33
29					6	4	8	9	9	4		1	41
30	1		1	2	6	8	12	11	12	4	2	1	60
31	1		2	4	8	14	17	13	15	7	5	1	87
32	1		3	4	12	14	18	16	22	9	10	4	113
33	1		4	4	14	16	19	20	24	13	15	4	134
34	2	2	7	7	17	19	21	23	24	15	17	7	161
35	3	6	11	11	18	22	21	25	26	19	18	14	194
36	4	7	13	15	19	24	24	27	28	20	19	16	216
37	8	12	17	21	21	27	25	29	28	24	24	20	256
38	13	16	17	23	21	28	26	29	28	27	24	21	273
39	16	21	22	28	25	29	29	31	28	28	26	23	306
40	23	23	25	29	28	30	31	31	30	31	27	25	333
41	26	26	29	29	30	30	31	31	30	31	29	25	347
42	28	27	30	29	31	30	31	31	30	31	29	30	357
43	31	29	31	29	31	30	31	31	30	31	29	30	363
44	31	29	31	30	31	30	31	31	30	31	29	31	365

Maximum Speed of Wind Gust

Upper Limit Range - Knots	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
20	2				1	2		2			2	1	10
30	5	1	2	4	11	4	3	11	6	8	10	10	75
40	16	9	11	17	20	10	8	20	16	22	21	16	186
50	24	23	24	23	27	23	17	30	26	27	26	24	294
60	26	23	29	28	30	28	25	30	28	29	30	28	334
70	29	26	31	29	30	29	30	31	30	31	30	29	355
80	29	28	31	30	31	30	31	31	30	31	30	30	362
90	29	28	31	30	31	30	31	31	30	31	30	31	363

Daily Amount of Precipitation

Range - Points	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
000	7	3	11	4	4	5	5	9	7	13	7	3	78
005	17	13	14	11	19	23	18	23	22	20	21	12	213
010	24	17	24	17	27	27	22	26	28	26	23	21	282
020	28	25	28	23	30	27	28	30	30	29	28	26	332
030	29	27	30	26	30	28	30	31	30	30	29	29	349
040	30	29	30	27	30	29	30	31	30	31	29	29	355
050	31	29	30	28	30	29	30	31	30	31	29	31	359
060	31	29	31	29	30	29	31	31	30	31	30	31	363
070	31	29	31	30	30	29	31	31	30	31	30	31	364
080	31	29	31	30	31	30	31	31	30	31	30	31	366

FREQUENCY ANALYSES
MACQUARIE ISLAND 1960

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.	38								1									1
	39			1					2									3
	40	2		8			2		2									14
	41	3		15	1	1	7		3	2								32
	42	6	5	26	4	1	11	1	3	2								59
	43	17	10	36	5	5	19	2	5	3								102
	44	25	16	44	7	6	22	3	5	3		1						132
	45	39	25	58	8	6	33	3	8	3		1		1				185
	46	51	30	70	9	8	36	3	9	3		1		1				221
	47	56	32	76	13	9	36	3	10	3		1		1				240
	48	57	32	77	15	11	36	3	10	3		1		1				246
	49	57	32	77	15	13	36	3	10	3		1		1				248
Feb.	39			1														1
	40			1			2	1										4
	41		2	5			3	4	1		1							16
	42	1	3	6			6	5	2	2	1		3		1			30
	43	3	5	12	2	3	14	11	2	2	1	1	3		1			60
	44	7	7	18	2	6	19	12	4	2	1	1	3		2			84
	45	22	14	31	2	9	28	13	6	2	1	1	3		2			134
	46	41	20	42	3	10	33	13	6	2	1	3	3		2			179
	47	61	22	51	4	11	33	14	7	2	3	3	3		2			216
	48	65	25	53	6	11	33	14	7	2	3	3	3		2			227
	49	65	27	54	7	12	33	14	7	2	3	3	3		2			232
Mar.	37					1		1										2
	38					1		1	2									4
	39					1		1	2			1						5
	40			1	2	1		1	2	1		1	1	1				11
	41	1		2	3	3		6	2	2		2	3	2				26
	42	4		4	4	3	7	6	4	6	1	2	5	2	1			49
	43	12	1	11	6	6	14	8	5	8	2	5	5	2	1			86
	44	17	1	28	8	7	23	10	6	8	2	5	5	2	1			123
	45	37	8	39	14	12	25	10	11	8	2	6	5	2	1			180
	46	60	14	54	15	13	26	10	13	8	2	6	5	2	1			229
	47	64	16	59	15	16	26	10	15	8	2	6	5	2	1			245
	48	64	16	61	15	16	26	10	16	8	2	6	5	2	1			248
Apr.	36							1			1							2
	37				3			1			1			1				6
	38				3	1		1			1			2				8
	39	3		1	4	3		1		1	1			2				16
	40	6		5	7	7	2	2		2	1			2				34
	41	15		12	11	11	6	5	2	7	2		1	2				74
	42	26	1	17	12	14	14	7	4	9	2		1	2				109
	43	38	13	28	14	16	19	8	4	11	2		1	2				156
	44	46	18	31	15	16	21	11	4	11	2		1	2				178
	45	62	25	41	16	19	22	12	5	11	2		1	2				218
	46	69	26	42	16	19	23	12	5	11	2		1	2				228
	47	72	28	45	16	19	23	12	6	11	2		1	2				237
	48	72	29	47	16	19	23	12	6	11	2		1	2				240

FREQUENCY ANALYSES
MACQUARIE ISLAND 1960

Screen Temperature v Dew Point Depression

Dew Point Depression

	°F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>14	Total
May.	33	1			1		1				1							4
	34	4		1	1	1	1				1			1				10
	35	6	4	1	3	2	1	2			2		1	2	1			25
	36	10	5	2	5	2	1	5			3		2	2	1			38
	37	14	5	4	9	4	1	6	1		3		2	2	1			52
	38	20	7	6	16	6	6	6	1	2	3		2	2	1			78
	39	27	10	9	17	7	13	9	1	3	3		2	2	1			104
	40	34	11	13	19	10	16	9	2	4	3		2	2	1			126
	41	46	14	20	20	11	16	9	3	4	3		2	2	1			151
	42	57	15	23	20	11	17	9	3	4	3		2	2	2			168
	43	83	18	27	22	12	21	9	3	6	3		2	2	2			210
	44	102	19	30	22	13	21	9	3	6	3		2	2	2			234
	45	109	19	32	22	13	21	9	3	6	3		2	2	2			243
	46	112	19	33	22	13	21	9	3	6	3		2	2	2			247
	47	112	19	34	22	13	21	9	3	6	3		2	2	2			248
Jun.	29			1														1
	30	1		1														2
	31	2		1					1	3	1				1			9
	32	2		1	2		2	1	1	3	1				1			14
	33	4		2	3		2	1	2	3	1				1			19
	34	6		3	5		2	2	2	4	1				1		1	27
	35	6		3	9		3	3	2	5	1		1		1		1	35
	36	8		3	17	1	3	5	2	6	2		1		1		1	50
	37	9	2	5	21	3	7	6	2	9	5		1		1	1	1	73
	38	9	3	7	28	4	10	8	5	12	5		1		1	1	1	95
	39	15	7	12	31	5	12	8	5	12	5		1		1	1	1	116
	40	27	12	19	31	5	16	8	6	13	5		1		1	1	1	146
	41	46	19	32	31	5	17	8	6	13	5		1		1	1	1	186
	42	58	24	47	32	5	18	8	6	13	5		1		1	1	1	220
	43	63	28	49	32	5	18	9	7	13	5		1		1	1	1	233
	44	65	28	49	32	5	18	9	7	13	5		1		1	1	1	235
	45	67	29	49	32	5	18	9	7	13	5		1		1	1	1	238
Jul.	30				1						1		3					5
	31	1			1	1				1	2		3	1				10
	32	1			4	1				1	2		5	1	1		2	18
	33	2			7	1			1	1	3		5	2	2		2	26
	34	4		1	8	2			1	1	3		5	2	2		3	32
	35	5	3	4	11	3	1	3	1	2	3	1	5	4	2		5	53
	36	6	5	5	13	3	3	5	2	3	4	1	5	6	2		5	68
	37	7	7	9	17	3	6	6	5	8	7	2	6	6	2		6	97
	38	9	9	10	23	5	8	6	6	8	8	2	6	7	2		6	115
	39	9	10	12	25	5	10	7	6	10	8	2	6	7	2		6	125
	40	15	10	22	26	10	14	8	7	11	8	2	6	7	2		6	154
	41	25	14	34	27	12	15	8	7	11	8	2	6	7	2		6	184
	42	44	19	38	27	12	17	8	7	12	8	2	6	7	2		6	215
	43	53	20	48	27	12	18	8	7	12	8	2	6	7	2		6	236
	44	55	24	51	27	12	18	8	7	12	8	2	6	7	2		6	245
	45	56	25	52	27	12	18	8	7	12	8	2	6	7	2		6	248
Aug.	28				1		1											2
	30				1	1	1				1							4
	31	1	1		2	1	1	1			2							9
	32	1	1	1	3	1	2	2			6			1				18
	33	2	2	1	4	1	2	5			9			1				27
	34	5	3	2	6	1	2	7			9			1				36
	35	7	3	2	8	5	3	10	1	3	10			2				54
	36	7	4	4	10	5	5	15	1	3	10			4				68
	37	9	5	7	16	6	7	16	1	3	11	1		5	1			88
	38	12	6	8	21	6	11	17	3	4	11	1		6	1			107
	39	16	7	11	23	7	19	18	3	6	11	1		6	1			129
	40	20	8	20	26	10	22	18	4	6	12	2		6	1			155
	41	26	17	31	27	10	27	18	5	6	12	2		6	1			188
	42	37	25	56	27	10	27	18	5	6	12	2		6	1			232
	43	39	28	66	28	10	27	18	5	6	12	2		6	1			248

FREQUENCY ANALYSES
MACQUARIE ISLAND 1960

Screen Temperature v Dew Point Depression

Dew Point Depression

	°F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>14	Total
Sep.	29				1													1
	31	1			2													3
	32	1			6		2				1							10
	33	1		1	8		5	1	1		1							18
	34	2		2	11		5	3	1		3	1	1					29
	35	3	1	3	14	1	5	6	2	2	3	1	2	1				44
	36	5	3	3	16	1	6	11	2	2	8	1	2	1				61
	37	7	3	3	17	3	17	11	4	7	10	1	4	1			1	89
	38	12	6	3	23	4	22	12	7	11	10	1	6	2			2	121
	39	14	7	6	25	4	25	15	7	15	10	1	8	2		2	2	143
	40	15	8	10	26	7	26	16	7	16	10	1	9	2		2	2	157
	41	20	11	20	27	8	26	16	7	17	10	1	9	2	1	3	2	180
	42	27	14	31	27	9	27	16	7	17	10	1	9	2	1	3	2	203
	43	46	14	36	27	9	27	16	7	17	10	1	9	2	1	3	2	227
	44	49	15	39	27	10	27	16	7	17	10	1	9	2	1	3	2	235
	45	49	15	41	27	11	28	16	7	17	10	1	9	2	1	3	2	239
Oct.	31	1						1										2
	32	1						1	1		2							5
	33	1					1	1	1	1	2			1				8
	34	1				1	1	1	1	1	2			1				9
	35	3	1	1	1	1	1	2	1	2	2			2	1	1		19
	36	3	1	1	3	1	1	3	2	4	4			2	1	1		27
	37	3	1	3	4	2	5	3	2	5	4			2	1	1		36
	38	5	1	4	10	4	6	6	2	5	4			5	1	1		54
	39	7	5	6	10	4	8	6	2	7	5			5	1	1		67
	40	12	9	10	10	5	10	6	3	7	6		1	5	1	1		86
	41	17	14	16	10	6	13	7	4	7	7		3	5	1	1		111
	42	36	17	28	11	7	14	7	4	9	8		3	5	1	1		151
	43	64	29	50	11	8	15	7	4	9	8	1	4	5	1	1		217
	44	68	30	57	13	11	16	7	5	9	8	1	4	5	1	1		236
	45	69	32	61	13	12	17	7	5	9	8	1	4	5	1	1		245
	46	69	32	61	13	12	17	8	5	9	8	1	4	5	1	1		246
	47	69	32	61	14	12	17	8	5	9	8	1	4	5	1	1		247
Nov.	34											2						2
	35	1		1	1						2	5	1					11
	36	1		1	2		1	1	1	1	6	5	1					20
	37	2		2	5	1	5	1	2	2	6	7	1	1				35
	38	2		5	7	2	7	1	3	5	6	7	2	2				49
	39	2		9	9	3	9	2	4	8	7	8	2	2				65
	40	5	1	12	11	5	13	3	4	11	8	9	3	2			1	88
	41	9	3	16	12	6	17	3	6	12	10	11	3	2		1	2	113
	42	14	6	23	12	8	20	3	6	13	10	13	6	3	1	1	2	141
	43	36	12	30	12	10	20	3	7	15	10	14	7	3	2	1	2	184
	44	45	12	36	12	10	21	3	9	15	11	14	7	3	2	1	2	203
	45	49	14	42	13	10	27	3	10	16	11	14	7	3	2	1	2	224
	46	51	15	44	13	10	27	6	11	16	11	14	7	3	2	1	2	233
	47	51	15	46	14	10	27	6	12	16	11	14	7	3	2	1	2	237
Dec.	35	1																1
	37	2			2													4
	38	3			6		1											10
	39	3	1	5	6	1	3			2								21
	40	4	2	10	6	2	10	1	1	2								38
	41	7	14	18	11	4	14	1	2	5	1		3					80
	42	13	18	25	11	6	16	3	3	6	3	1	3					108
	43	31	30	26	13	7	22	3	4	7	3	2	3					151
	44	44	35	32	15	8	26	7	5	9	3	2	3					189
	45	54	45	34	17	8	30	7	7	9	3	2	3					219
	46	56	47	38	17	8	33	7	8	9	3	4	3					233
	47	56	47	41	17	12	33	7	9	9	6	4	3					244
	48	56	47	41	18	14	33	7	9	9	6	4	3					247

FREQUENCY ANALYSES
MAWSON 1960

Station Level Pressure

Upper Limit Range - mb	Jan.	Feb.	Mar.	Apr.	May.	Jun	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
950										5		2	7
955										9		5	14
960							4			13		7	24
965						7	8		22	16	2	9	64
970	2	4	15	2		13	17	18	61	21	16	23	192
975	23	18	63	15		19	29	44	106	48	45	69	479
980	60	63	139	24	15	43	53	74	151	60	86	98	866
985	114	123	179	59	78	83	71	97	206	92	163	146	1411
990	166	176	204	111	123	124	157	164	227	156	198	199	2005
995	209	219	222	172	163	179	210	201	240	207	229	245	2496
1000	232	232	244	227	196	212	237	220	240	220	240	248	2748
1005	247	232	248	240	228	223	243	239	240	228	240	248	2856
1010	248	232	248	240	248	240	248	248	240	237	240	248	2917
1015	248	232	248	240	248	240	248	248	240	241	240	248	2921
1020	248	232	248	240	248	240	248	248	240	248	240	248	2928

Maximum Temperature

Upper Limit Range - °F													
516							1						1
515							2						2
514						1	2						3
513						4	3						7
511						6	6	1					13
510						7	7	1					15
509						9	8	2					19
508					1	13	9	3					26
507					1	18	10	4					33
506				1	1	18	10	4	1				35
505				2	3	19	11	8	1				44
504				2	5	19	13	9	1				49
503				4	7	19	15	9	3				57
502				4	8	19	17	11	7				66
501				7	12	20	17	11	9				76
500				9	12	22	17	12	9	1			82
001				9	15	22	20	15	12	1			94
002				11	16	22	22	16	14	1			102
003				12	18	22	23	17	15	3			110
004			1	14	18	22	24	19	16	3			117
005			1	16	18	23	26	21	18	3			126
006			1	16	18	23	26	22	20	4			130
007			3	17	20	23	27	22	21	5			138
008			3	17	22	24	27	23	21	6			143
009			4	18	22	25	28	23	23	7			150
010			4	20	24	27	28	24	23	8			158
011			6	24	24	29	29	26	25	14			177
012			9	26	24	29	29	26	26	19			188
013			10	27	27	29	29	26	27	21			196
014			12	28	28	30	30	27	29	22			206
015			14	29	29	30	30	29	29	23			213
016			15	30	31	30	30	31	29	23			219
017			18	30	31	30	30	31	30	25			225
018		1	19	30	31	30	31	31	30	26			229
019		1	23	30	31	30	31	31	30	28			235
020		1	26	30	31	30	31	31	30	28	1		239
021		3	29	30	31	30	31	31	30	29	3		247
022		4	30	30	31	30	31	31	30	29	3		249
023		4	30	30	31	30	31	31	30	29	5		251
024		4	30	30	31	30	31	31	30	29	6		252
025		4	31	30	31	30	31	31	30	29	9		256
026		6	31	30	31	30	31	31	30	29	10	1	260
027		7	31	30	31	30	31	31	30	29	14	1	265
028		8	31	30	31	30	31	31	30	29	17	1	269
029		11	31	30	31	30	31	31	30	30	21	1	277
030		14	31	30	31	30	31	31	30	31	24	2	285
031	1	15	31	30	31	30	31	31	30	31	26	6	293
032	4	15	31	30	31	30	31	31	30	31	27	12	303
033	6	16	31	30	31	30	31	31	30	31	28	14	309
034	9	16	31	30	31	30	31	31	30	31	30	19	319
035	17	18	31	30	31	30	31	31	30	31	30	20	330
036	18	22	31	30	31	30	31	31	30	31	30	23	338
037	21	25	31	30	31	30	31	31	30	31	30	25	346
038	28	26	31	30	31	30	31	31	30	31	30	27	356
039	29	26	31	30	31	30	31	31	30	31	30	29	359
040	29	27	31	30	31	30	31	31	30	31	30	29	360
041	30	28	31	30	31	30	31	31	30	31	30	31	364
042	31	28	31	30	31	30	31	31	30	31	30	31	365
043	31	29	31	30	31	30	31	31	30	31	30	31	366

FREQUENCY ANALYSES
MAWSON 1960

Upper Limit Range - °F	Minimum Temperature Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
527							1						1
525							3						3
522							4						4
521						2	6	2					10
520						3	8	3					14
519						4	9	4					17
518						6	10	4					20
517						10	10	5					25
516					1	13	12	5					31
515					2	14	14	5					35
514					2	16	15	7					40
513					4	20	17	8					49
512				1	4	21	19	9	5				59
511				1	6	23	21	11	10	1			73
510				3	7	24	21	13	11	3			82
509				4	9	24	21	14	13	3			88
508				5	13	24	23	15	13	3			96
507				8	15	24	24	16	16	3			106
506			2	10	17	24	24	17	19	4			117
505			5	12	18	24	25	20	20	4			128
504			6	12	22	24	25	20	21	5			135
503			7	13	24	24	25	22	23	8			146
502			7	15	24	24	27	23	25	10			155
501			9	16	25	25	27	24	27	12			165
000			10	17	27	26	28	24	27	14			173
001			11	19	27	26	28	25	27	15			178
002			13	22	27	26	28	25	28	16			185
003			16	24	28	26	28	25	28	21			196
004			16	27	28	26	29	25	28	22			201
005		1	19	27	28	27	29	28	28	25			212
006		1	23	28	28	27	29	29	28	25			218
007		1	24	28	28	27	30	29	28	25	1		221
008		2	24	28	28	27	30	29	29	26	3		226
009		2	25	28	28	29	31	29	29	26	3		230
010		3	25	28	29	29	31	29	30	27	3		234
011		3	25	30	30	29	31	30	30	29	5		242
012		4	25	30	31	29	31	31	30	29	8		248
013		4	29	30	31	30	31	31	30	29	9		254
014		6	30	30	31	30	31	31	30	29	12		260
015		7	31	30	31	30	31	31	30	30	14	1	266
016		8	31	30	31	30	31	31	30	30	16	3	271
017		10	31	30	31	30	31	31	30	30	19	3	276
018		10	31	30	31	30	31	31	30	30	21	3	278
019		11	31	30	31	30	31	31	30	30	25	5	285
020		12	31	30	31	30	31	31	30	30	26	6	288
021	1	14	31	30	31	30	31	31	30	30	28	7	294
022	2	15	31	30	31	30	31	31	30	30	29	10	300
023	4	18	31	30	31	30	31	31	30	31	30	13	310
024	7	18	31	30	31	30	31	31	30	31	30	14	314
025	11	24	31	30	31	30	31	31	30	31	30	18	328
026	12	25	31	30	31	30	31	31	30	31	30	19	331
027	17	25	31	30	31	30	31	31	30	31	30	23	340
028	21	27	31	30	31	30	31	31	30	31	30	27	350
029	24	28	31	30	31	30	31	31	30	31	30	29	356
030	26	28	31	30	31	30	31	31	30	31	30	30	359
031	28	28	31	30	31	30	31	31	30	31	30	31	362
032	29	29	31	30	31	30	31	31	30	31	30	31	364
033	31	29	31	30	31	30	31	31	30	31	30	31	366

FREQUENCY ANALYSES
MAWSON 1960

Maximum Speed of Wind Gust

Upper Limit Range - Knots	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
10	1						1						2
20	1				1	1	3			1			7
30	6	3	4	3	7	6	7	1	1	4	2	1	45
40	20	18	15	12	19	15	17	7	4	16	11	14	168
50	28	26	26	23	24	26	23	20	17	24	21	22	280
60	29	28	30	27	29	28	26	26	26	28	28	25	330
70	31	29	31	29	30	29	30	29	29	29	30	29	355
80	31	29	31	30	30	29	31	30	30	31	30	29	361
90	31	29	31	30	30	30	31	31	30	31	30	29	363
100	31	29	31	30	30	30	31	31	30	31	30	29	363
110	31	29	31	30	30	30	31	31	30	31	30	30	364

Daily Duration of Sunshine

Upper Limit Range - Hours													
00	7	7	6	6	10	30	24	9	7	6	2	3	117
01	9	9	9	6	12	30	24	14	7	9	3	4	136
02	10	10	9	8	16	30	27	16	7	10	5	6	154
03	12	10	13	10	22	30	29	17	9	11	6	9	178
04	12	10	14	10	25	30	31	17	13	11	7	11	191
05	12	10	17	15	28	30	31	19	13	13	9	12	209
06	14	12	18	16	31	30	31	21	15	14	10	13	225
07	15	13	18	19	31	30	31	26	15	15	12	13	238
08	15	13	20	24	31	30	31	27	16	15	14	14	250
09	15	15	25	30	31	30	31	31	22	18	14	14	276
10	16	17	28	30	31	30	31	31	26	24	15	15	294
11	17	17	30	30	31	30	31	31	28	27	17	15	304
12	17	18	31	30	31	30	31	31	30	28	18	16	311
13	20	20	31	30	31	30	31	31	30	28	20	19	321
14	23	23	31	30	31	30	31	31	30	28	22	19	329
15	24	25	31	30	31	30	31	31	30	30	22	21	336
16	25	28	31	30	31	30	31	31	30	31	25	22	345
17	27	29	31	30	31	30	31	31	30	31	28	23	352
18	31	29	31	30	31	30	31	31	30	31	30	30	365
19	31	29	31	30	31	30	31	31	30	31	30	31	366

FREQUENCY ANALYSES
MAWSON 1960

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.	021														1			1
	022												1		1			2
	023												1	2	2			5
	024											2	1	2	3	1	2	11
	025		1							1		2	1	3	4	6	2	20
	026		1							2	1	2	1	4	4	7	3	25
	027		1		1	1			1	2	2	2	3	5	4	9	6	37
	028		1		1	1			1	2	4	4	4	6	6	11	10	51
	029		1	1	1	2			1	3	7	6	6	7	12	13	15	75
	030		1	1	1	3	1		1	4	9	7	8	10	15	13	17	91
	031		1	1	1	4	3	3	4	4	11	8	10	15	16	15	22	118
	032		1	1	1	4	3	3	8	4	16	10	12	18	18	19	28	146
	033		1	1	1	5	4	3	9	7	18	12	16	23	22	20	31	173
	034		1	1	1	5	4	3	9	8	22	13	17	25	24	23	34	190
	035		1	1	1	5	5	3	11	9	22	14	21	30	27	25	40	215
	036		1	1	1	5	5	4	11	9	22	14	24	32	28	25	42	224
	037		1	1	1	5	5	4	11	9	22	14	25	33	28	27	49	235
	038		1	1	1	5	5	4	11	9	22	14	25	34	29	27	53	241
	039		1	1	1	5	5	4	11	9	22	14	27	34	29	28	53	244
	040		1	1	1	5	5	4	11	9	22	14	27	34	29	28	55	246
	041		1	1	1	5	5	4	11	9	22	14	27	34	29	28	56	247
	042		1	1	1	5	5	4	11	9	22	14	27	34	29	28	57	248
Feb.	006			1														1
	007			1			1											2
	008			1			1		1									3
	009			1	1		1		1									4
	010			1	1		1		2			1						6
	012			1	1		1		2			1		2				8
	013			1	1		1		2	1		1		2				9
	014		1	1	1		1		3	2		2	1	2				14
	015		4	3	1		1		3	3		2	1	4				22
	016		5	4	1		1	1	3	3		2	1	4	1			26
	017		5	4	1		1	1	4	3		2	1	9	2			33
	018		5	4	1		1	1	5	3	3	3	1	9	2			38
	019		5	4	1		1	1	5	3	3	6	3	10	3	1	1	47
	020		6	4	1		1	1	5	3	4	7	3	15	6	2	1	59
	021		6	4	2		1	1	5	3	4	7	6	17	8	3	1	68
	022		7	4	2		1	2	5	3	4	7	6	18	10	3	1	73
	023		7	4	2		1	2	5	3	4	7	7	20	12	4	3	81
	024		7	4	2		1	2	5	3	4	9	7	20	13	5	4	86
	025		7	4	2		1	2	5	3	4	9	9	22	18	8	7	101
	026		7	4	2		1	2	5	3	4	12	9	23	22	9	10	113
	027		7	4	2		1	2	5	3	5	13	9	25	25	12	10	123
	028		7	4	2		1	2	5	3	5	17	10	27	27	16	17	143
	029		7	4	2		1	2	5	3	5	18	11	31	31	21	20	161
	030		7	4	2		1	2	5	3	6	18	11	31	36	22	23	171
	031		7	4	2		1	2	5	3	6	18	11	31	38	22	25	175
	032		7	4	2		1	2	5	4	7	18	12	32	40	22	27	183
	033		7	4	2		1	2	5	4	7	18	13	32	43	23	31	192
	034		7	4	2		2	2	5	4	7	19	13	33	45	25	33	201
	035		7	4	2		3	3	5	4	7	19	14	34	51	26	39	218
	036		7	4	2		3	3	5	4	7	19	14	34	51	26	41	220
	037		7	4	2		3	3	5	4	7	21	14	34	51	27	43	225
	038		7	4	2		3	3	5	4	7	22	14	34	51	27	45	228
	039		7	4	2		3	3	5	4	7	22	14	34	51	27	46	229
	040		7	4	2		3	3	5	4	7	22	14	34	52	27	46	230
	041		7	4	2		3	3	5	4	7	22	14	34	52	27	48	232

FREQUENCY ANALYSES
MAWSON 1960

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
Mar.	506																1	1
	505							1									2	3
	504							1				1					2	4
	503							1	2			1	3				2	9
	502							1	2			1	4				2	10
	501						1	3	3			1	5			2	5	20
	000						1	4	3			1	5		1	2	5	22
	001						2	5	4			1	5	1	1	4	7	30
	002						2	5	4			1	5	1	3	4	10	35
	003						2	7	5			1	5	1	4	7	13	45
	004						2	7	5	1		1	5	1	4	9	13	48
	005						2	7	5	2	1	1	5	2	6	13	14	58
	006	1				1	2	8	5	3	2	1	5	4	6	14	17	69
	007	2			1	2	2	10	8	3	5	1	6	7	6	16	21	90
	008	3			1	2	3	10	9	7	5	2	6	8	8	18	24	106
	009	4	1		1	2	4	10	9	7	5	2	7	10	8	19	31	120
	010	4	1	1	2	2	5	11	9	7	5	2	8	12	9	19	37	134
	011	4	1	1	5	2	5	11	9	7	5	5	8	14	10	19	42	148
	012	4	3	1	5	2	5	11	9	7	5	5	8	14	12	19	46	156
	013	4	4	1	5	2	8	12	9	8	5	5	8	15	13	20	48	167
	014	4	5	1	5	2	8	12	9	8	6	5	8	15	14	21	51	174
	015	5	6	1	5	2	8	13	10	8	7	6	8	17	15	23	58	192
	016	5	6	1	5	2	8	13	10	8	7	7	9	18	15	24	61	199
	017	7	10	1	6	2	8	13	10	8	7	7	10	18	17	27	67	218
	018	8	13	1	6	2	8	13	10	8	7	7	10	18	17	27	71	226
	019	8	17	1	6	2	8	13	10	8	7	8	10	18	18	28	73	235
	020	8	17	1	6	2	8	13	10	8	7	8	10	19	18	29	76	240
	021	8	17	1	6	2	8	13	10	8	7	8	10	19	19	29	79	244
	022	8	17	1	6	2	8	13	10	8	7	8	10	19	19	29	81	246
	023	8	17	1	6	2	8	13	10	8	7	8	10	20	19	29	81	247
	025	8	17	1	6	2	8	13	10	8	7	8	10	20	19	29	82	248
Apr.	512								1									1
	510								1	2								3
	509								2	5	2	1						10
	508								2	6	5	2						15
	507					2	1	2	4	10	6	5						30
	506					3	2	3	4	13	9	6			1			41
	505					3	5	3	9	19	10	8			1			58
	504					3	6	4	9	20	12	8	1		1			64
	503					3	10	4	9	22	13	9	1		1			72
	502					5	13	4	11	23	13	9	3		1			82
	501				3	8	14	5	12	24	16	9	3		1			95
	000				3	9	15	7	13	25	18	9	3		1			103
	001			1	4	12	19	9	14	26	18	10	3		1			117
	002			1	4	13	21	12	15	26	18	11	3		1			125
	003		1	1	5	16	23	13	16	27	19	11	3		1			136
	004		1	2	5	19	26	13	18	27	20	11	3		1			146
	005		3	3	6	20	28	16	19	29	22	11	3		1			161
	006		4	3	8	20	31	16	19	30	24	11	4		1			171
	007		7	4	9	21	33	18	19	31	24	12	5		1			184
	008		9	4	10	21	33	20	20	32	26	12	5		1			193
	009		12	4	10	21	34	22	20	33	26	13	5		1			201
	010		16	4	10	22	35	22	21	33	26	13	5		1			208
	011	1	19	4	10	23	36	23	21	34	27	13	6		1			218
	012	1	23	4	10	23	36	23	21	35	27	13	6	1	1			224
	013	1	28	5	10	24	37	24	21	35	27	13	6	1	1			233
	014	1	28	5	10	24	39	24	21	35	27	13	6	1	1			235
	015	1	28	5	10	24	39	26	21	35	29	13	6	1	1			239
	016	1	28	5	10	24	39	26	22	35	29	13	6	1	1			240

FREQUENCY ANALYSES
MAWSON 1960

Screen Temperature v Dew Point Depression

Dew Point Depression

	°F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>14	Total
May.	515									3		1						4
	514									4	1	1						6
	513									5	3	1		1				10
	512									6	3	1		3				13
	511									7	5	2		5	1			20
	510									7	5	3		5	3			23
	509									7	6	3	2	8	8	2		36
	508							2		7	6	5	3	9	8	3		43
	507							2		7	6	5	6	9	9	4		48
	506							3	2	7	7	7	9	14	12	4	1	66
	505			1		2		4	2	8	7	9	11	17	15	11	1	88
	504			1		2	1	4	2	8	8	10	14	18	16	15	2	101
	503			1		2	1	4	4	8	10	12	16	18	21	19	6	122
	502			1		2	1	6	4	8	10	12	19	20	22	22	7	134
	501			1		2	2	9	4	8	10	14	20	22	22	24	9	147
	000			1		3	4	9	5	8	13	14	22	23	23	27	10	162
	001			1		3	4	9	5	10	13	14	22	26	26	28	11	172
	002			1		3	4	9	5	11	14	17	23	27	27	29	11	181
	003			1		3	6	9	5	11	14	17	25	29	28	30	13	191
	004			1		3	6	9	5	11	14	18	25	29	28	31	13	193
	005			1		4	6	10	5	12	15	20	25	29	28	32	13	200
	006			1		4	6	10	6	12	15	21	25	29	28	33	15	205
	007			1		4	6	10	6	12	16	21	25	32	29	34	15	211
	008			1		4	6	10	6	12	16	22	25	35	29	34	15	215
	009			1		4	6	10	6	12	16	22	25	37	29	34	15	217
	010			1		4	6	10	6	12	16	22	25	37	30	34	15	218
	011			1		4	6	10	6	12	16	22	25	38	30	34	15	219
	012		2	1		4	6	10	6	12	16	22	25	39	30	35	15	223
	013		10	2		4	7	12	8	12	16	23	25	39	30	36	15	239
	014		11	2		4	7	12	8	12	16	24	25	40	30	36	15	242
	015		11	2		4	7	12	8	13	16	25	28	40	30	36	15	247
	016		11	2		4	7	12	8	13	16	26	28	40	30	36	15	248
Jun.	521														1			1
	520														2	3	1	6
	519					1			1	1		1			2	3	3	12
	518					1			1	1		1			2	3	4	13
	517				1	1		3	1	2		2	1	1	2	7	4	25
	516				1	3	2	3	1	4	1	3	2	2	2	7	4	35
	515				1	4	3	4	2	6	3	4	4	4	4	9	5	53
	514				1	5	4	4	2	10	4	4	5	5	6	9	5	64
	513				1	8	6	5	2	10	6	8	7	9	9	13	6	90
	512				1	8	7	6	2	11	6	9	8	10	13	14	10	105
	511				1	8	8	8	4	11	6	9	10	12	16	16	12	121
	510				1	8	9	9	4	11	6	9	12	16	18	20	15	138
	509				1	10	9	10	4	11	6	11	13	16	19	22	20	152
	508				1	12	10	11	4	11	8	12	14	19	19	23	25	169
	507				1	12	11	11	4	11	8	12	14	19	20	23	27	173
	506				1	12	11	11	4	11	8	13	14	19	21	23	28	176
	505				1	12	11	11	4	11	8	13	14	19	21	23	29	177
	504				1	12	11	11	4	11	8	13	14	19	23	23	30	180
	503				1	12	11	11	4	11	8	13	15	20	23	23	32	184
	502				1	12	11	11	4	11	8	13	15	20	23	23	33	185
	501				1	12	11	11	4	11	8	14	15	20	23	23	33	186
	000				1	12	11	11	4	11	8	15	16	21	24	23	33	190
	002				1	12	11	11	5	11	8	15	16	22	24	23	33	192
	003				1	12	11	12	5	11	8	16	16	22	25	23	33	195
	005				1	12	11	12	5	11	9	16	21	23	26	23	33	203
	006				1	12	11	12	5	11	9	17	22	25	26	23	33	207
	007				1	12	11	14	5	11	10	17	22	25	26	23	33	210
	008				1	12	11	14	6	11	10	17	22	26	28	23	33	214
	009				1	12	11	14	6	12	10	17	22	26	29	23	33	216
	010				1	12	11	14	6	13	12	17	22	26	29	23	33	219
	011				1	12	11	14	6	13	16	20	22	26	30	23	33	227
	012				1	12	11	14	6	13	16	20	22	28	30	26	33	232
	013				1	12	11	14	6	13	16	20	22	28	30	30	37	240

FREQUENCY ANALYSES
MAWSON 1960

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
Jul.	526								1									1
	525							1	1									2
	524							3	4									7
	523							3	6	1								10
	522						1	3	6	2								12
	521						2	3	7	4	1							17
	520						2	3	10	4	2	1	1		1			24
	519						2	4	10	4	4	2	1		1	1		29
	518						2	5	11	5	4	3	1	2	1	1		35
	517						2	5	19	7	4	5	1	2	2	1		48
	516						2	6	19	8	4	5	1	2	2	1		50
	515						3	6	22	10	9	6	1	2	2	1		62
	514						4	6	22	10	10	6	1	2	2	1		64
	513					1	5	8	23	12	12	6	2	2	2	1		74
	512					1	5	9	24	12	17	7	3	2	2	1		83
	511				1	1	7	11	27	12	18	11	4	2	2	1		97
	510				1	1	7	11	27	14	18	13	5	2	2	1		102
	509				1	2	8	12	28	18	19	15	8	2	2	1		116
	508				1	3	8	13	29	19	19	15	11	3	2	1		124
	507				1	4	9	14	30	20	20	16	11	3	2	1		131
	506				1	5	9	14	31	22	21	18	11	3	2	1		138
	505				2	8	9	15	34	24	22	18	13	4	2	1		152
	504				3	8	9	15	34	24	22	18	14	5	2	1		155
	503				3	9	9	16	35	25	24	18	16	5	2	1		163
	502		3	2	3	10	13	18	35	25	24	18	16	6	2	1		176
	501		8	7	3	11	14	19	35	25	24	18	17	9	2	1		193
	000		9	7	3	11	14	19	35	25	24	19	18	10	2	1		197
	001		10	7	3	13	15	19	35	25	24	20	20	10	2	1		204
	002		11	7	3	13	16	19	35	25	24	20	20	10	2	1		206
	003		11	8	4	13	16	19	36	25	24	22	20	12	2	1		213
	004		13	8	5	13	16	19	36	25	25	22	20	13	2	1		218
	005		13	8	5	13	17	19	37	25	25	22	21	13	4	1		223
	006		13	8	5	14	17	19	37	25	25	22	21	13	4	1		224
	007		13	8	5	14	17	20	37	25	25	22	21	13	4	1		225
	008		13	8	5	14	17	20	40	26	25	22	22	13	4	1		230
	009		14	8	5	15	17	20	41	26	27	22	23	13	4	1		236
	010		14	8	5	15	17	20	41	27	27	24	24	13	4	1		240
	011		14	8	5	15	17	20	41	27	27	24	26	13	4	1		242
	013		15	8	5	15	17	21	41	27	27	24	26	13	4	1		244
	014		15	8	5	15	17	21	41	27	27	24	26	14	4	1		245
	015		15	8	5	15	17	21	41	27	27	24	27	14	4	1		246
	016		15	8	5	15	18	21	41	27	27	24	27	14	4	1		247
	018		15	8	5	15	18	21	41	27	27	24	27	14	4	1	1	248

	°F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>14	Total
Aug.	521													1	1			2
	519													2	2	3		7
	518													2	2	4	1	9
	517													3	2	5	1	11
	516									1				3	2	8	2	16
	515									1				3	2	10	3	19
	514									1				3	2	11	4	21
	513								1	1			1	3	3	15	5	29
	512								1	1			1	3	4	18	8	36
	511								1	1			1	3	6	23	10	45
	510								1	1			1	3	7	24	12	49
	509								1	1			2	4	7	29	15	59
	508								1	1		1	3	5	7	31	19	68
	507								1	1		1	3	5	7	33	28	79
	506							1	1	1		1	3	5	7	36	33	88
	505					1		1	1	1	1	1	3	6	8	37	41	101
	504				1	1		1	1	1	2	3	4	6	8	38	47	113
	503				1	1		1	1	1	2	3	4	7	9	38	56	124
	502				1	1		1	1	1	2	3	4	8	12	38	62	134
	501		1		1	1		1	1	1	3	3	4	8	12	41	67	144
	000		1	1	1	1		1	1	1	4	3	4	8	14	44	68	152
	001		2	2	1	1		1	1	1	5	3	4	8	14	46	71	160
	002		2	2	1	1		1	1	2	5	5	4	8	15	47	75	169
	003		4	3	1	1		1	1	2	5	6	6	10	16	47	77	180
	004		7	3	1	1		1	1	2	5	6	6	10	16	47	78	184
	005		11	4	2	1		1	1	2	5	6	6	10	17	47	81	194
	006		14	4	2	1		1	1	2	5	6	6	10	17	49	82	200
	007	1	14	4	2	1		1	1	2	5	7	6	10	17	49	84	204
	008	1	14	4	2	2		1	1	2	5	7	6	11	17	50	87	210
	009	2	14	4	2	2		1	1	2	5	7	6	12	17	50	92	217
	010	2	14	6	2	2		1	1	2	5	7	6	12	17	50	95	222
	011	2	14	6	2	3		1	1	2	5	7	6	12	17	50	98	226
	012	2	14	6	2	5		1	1	2	5	7	6	12	17	50	99	229
	013	2	14	6	2	6		1	1	2	5	8	7	12	17	51	104	238
	014	2	14	6	2	6		1	1	2	5	8	8	12	17	51	107	242
	015	2	14	6	2	6		1	1	2	5	8	8	12	17	51	111	246
	016	2	14	6	2	6		1	1	2	5	8	8	12	17	52	112	248

FREQUENCY ANALYSES
MAWSON 1960

Screen Temperature v Dew Point Depression

Dew Point Depression

	°F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	> 14	Total
Sep.	512				1						1		1					3
	511				1	1	1			1	4	1	1	1	1			12
	510			1	1	1	1		2	1	6	2	2	2	1			20
	509			1	1	1	1		2	3	6	4	5	3	2	1		30
	508			1	1	2	1		2	4	7	7	7	3	2	1		38
	507			1	1	2	1	1	3	6	8	10	8	3	4	2		50
	506			1	1	2	1	1	3	7	9	11	11	3	5	2		57
	505			1	1	2	1	2	4	8	10	15	13	4	7	3		71
	504			1	2	2	1	2	5	9	11	16	17	5	8	6		85
	503		2	1	2	3	1	2	5	11	13	18	21	11	8	6		104
	502		2	1	2	3	1	5	6	11	14	20	23	16	9	6	2	121
	501		3	2	4	3	1	6	7	13	16	20	26	19	11	6	3	140
	000		3	3	4	3	2	6	8	13	17	21	26	20	13	7	3	149
	001		3	4	5	3	2	6	9	13	17	22	27	20	16	7	4	158
	002		3	5	5	3	2	6	10	14	18	22	31	21	18	8	4	170
	003		3	5	5	3	2	6	10	15	18	22	31	23	18	8	6	175
	004		3	5	5	3	2	6	11	15	18	22	31	23	19	9	6	178
	005		3	5	5	3	2	8	12	16	18	22	32	25	21	9	7	188
	006		3	5	5	3	3	8	12	16	18	22	32	28	22	9	8	194
	007		3	5	5	3	3	8	12	16	18	22	32	29	23	9	10	198
	008		3	5	5	3	3	8	12	17	18	22	32	30	25	9	10	202
	009		3	5	5	3	3	8	12	17	18	23	33	30	25	9	11	205
	010		7	5	5	3	3	8	12	17	19	24	33	31	30	11	14	222
	011		8	5	6	4	3	8	12	17	19	25	34	31	30	11	19	232
	012		8	5	6	4	3	8	12	17	19	25	34	31	31	11	19	233
	013		9	5	6	4	3	8	12	17	19	25	34	31	31	11	21	236
	014		9	5	6	4	3	8	12	17	19	25	34	31	31	11	24	239
	017		9	5	6	4	3	8	12	17	19	25	34	31	31	11	25	240
Oct.	511											1						1
	510											1		1				2
	509											2		2				4
	508											2	2	3				7
	507									1		2	2	4		1		10
	506									1		2	3	4	1	1		12
	504									1		2	3	4	2	1		13
	503								1	1		2	5	5	2	1	1	18
	502								1	2		2	8	5	4	1	2	25
	501								1	2		3	10	6	5	3	2	32
	000								1	2		5	10	9	6	5	2	40
	001				1				2	2		7	12	10	7	5	3	49
	002				2			1	2	2		8	16	12	8	6	3	60
	003				2			1	2	3	1	10	18	13	11	8	3	72
	004				2			1	2	3	1	13	20	14	11	8	3	78
	005				3		2	3	4	7	1	19	22	17	11	11	4	104
	006				3	1	3	3	4	9	1	21	27	21	12	12	4	121
	007				3	1	5	4	4	9	1	21	29	25	13	15	4	134
	008				3	2	6	5	5	11	1	23	30	26	16	15	4	147
	009				3	3	7	6	5	11	2	24	33	27	18	16	5	160
	010		2		3	3	7	6	5	12	3	24	39	30	18	16	6	174
	011		5		3	3	7	7	6	12	4	27	42	33	22	18	8	197
	012		5		4	3	7	7	6	12	4	27	43	34	23	18	8	201
	013		6		4	3	7	8	6	12	6	27	43	35	24	18	8	207
	014		6		4	3	7	8	6	12	7	27	44	37	24	18	8	211
	015		6		4	3	7	9	6	13	7	27	46	40	24	18	8	218
	016		6		4	3	7	9	6	13	7	29	46	41	25	18	8	222
	017		6		4	3	7	9	6	13	7	30	47	42	25	19	8	226
	018		6		4	3	7	9	6	13	7	30	48	43	25	20	8	229
	019		6		4	3	7	9	6	13	7	30	48	43	27	21	8	232
	020		6		4	3	7	9	6	13	7	30	48	44	28	22	8	235
	021		6		4	3	7	9	6	13	7	31	48	44	28	22	8	236
	023		6		5	3	7	9	6	13	7	31	48	44	28	22	8	237
	024		6		5	4	7	9	6	13	7	31	48	44	28	22	8	238
	025		6		6	4	7	9	6	13	7	31	48	44	28	22	8	239
	026		7		6	5	7	9	6	13	7	31	48	44	28	22	9	242
	027		7		6	5	7	9	6	13	7	31	48	44	28	23	9	243
	028		7		7	5	7	9	6	13	7	31	48	44	28	23	9	244
	029		8	1	7	5	7	9	6	13	7	32	48	44	28	23	9	247
	030		8	1	7	5	7	9	6	13	7	32	48	44	28	23	10	248

FREQUENCY ANALYSES
MAWSON 1960

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.	008														1			1
	009														2			2
	010													1	2			3
	011										1			1	2			4
	012										1			4	4		1	10
	013								1		1	1		5	4		5	17
	014		2						1		1	1		5	4		5	19
	015		3			1		1	1	1	1	1		6	5	1	12	33
	016		3			1		1	1	1	1	1	1	7	9	2	13	41
	017		4			1		1	1	1	2	1	2	7	10	3	17	50
	018		4	1		1		1	1	2	4	3	2	8	12	4	21	64
	019		5	2		1		2	1	3	4	5	4	9	15	7	23	81
	020		5	3		1		2	1	3	4	6	4	11	15	8	27	90
	021		6	4		2	2	4	2	5	4	8	6	12	16	9	31	111
	022		9	4		2	2	4	2	7	6	8	7	13	16	12	34	126
	023		11	4	2	2	3	5	3	7	7	9	8	14	19	14	43	151
	024		11	4	2	2	3	6	4	10	7	9	8	14	20	14	49	163
	025		11	4	2	3	3	6	4	11	7	10	8	15	26	14	55	179
	026		11	4	2	4	3	6	4	12	8	11	8	16	29	15	60	193
	027		11	4	2	4	3	6	4	15	8	12	8	16	29	19	68	209
	028		11	4	2	4	3	6	4	15	8	12	8	17	29	21	72	216
	029		11	4	2	4	3	6	4	15	8	12	9	18	31	22	76	225
	030		11	4	2	4	3	6	4	15	8	12	9	18	33	24	79	232
	031		11	4	2	4	3	6	4	15	8	12	9	18	33	24	81	234
	032		11	4	2	4	3	6	4	15	8	12	9	18	33	24	82	235
	033		11	4	2	4	3	6	4	15	8	12	9	18	34	25	83	238
	034		11	4	2	4	3	6	4	15	8	12	9	18	34	25	85	240
Dec.	016											1						1
	017											1				1		2
	018											1				1	1	3
	019											1				2	4	7
	020											1			1	3	4	9
	021											2		1	1	3	6	13
	022											3		2	1	4	8	18
	023			1					1	1	1	3	1	2	2	5	11	28
	024			1					2	1	1	3	2	3	3	5	12	33
	025			1			2		3	4	1	5	4	4	3	6	13	46
	026	1	2	1			2		3	5	1	6	4	4	5	7	17	58
	027	1	4	1			2	2	4	7	2	7	5	6	6	8	20	75
	028	2	6	1			2	2	4	7	2	7	6	6	7	11	27	90
	029	5	6	2	1		2	2	7	8	3	9	8	12	8	11	31	115
	030	5	6	2	2		2	2	8	9	5	12	10	17	9	12	36	137
	031	5	7	3	2	1	2	3	8	10	7	15	13	19	11	14	44	164
	032	5	7	3	2	1	2	4	9	10	10	18	16	21	13	15	51	187
	033	5	7	3	3	2	2	4	9	10	12	19	16	23	14	16	53	198
	034	5	7	3	3	2	2	4	9	11	15	19	18	24	16	19	57	214
	035	5	7	3	3	3	2	4	9	12	16	20	18	25	17	19	63	226
	036	5	7	3	3	3	2	4	9	12	16	20	19	25	18	21	67	234
	037	5	7	3	3	3	2	4	10	12	16	20	20	25	18	24	69	241
	038	5	7	3	3	3	2	4	10	12	16	20	20	25	18	25	71	244
	039	5	7	3	3	3	2	4	10	12	16	20	20	25	18	25	72	245
	041	5	7	3	3	3	2	4	10	12	16	20	20	25	18	25	75	248

FREQUENCY ANALYSES
WILKES 1960

Station Level Pressure

Upper Limit Range - mb	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
950			3						3				6
955			10				1		9	4		6	30
960			36	2	5		8	3	22	18	5	10	109
965			77	11	9	1	14	5	58	25	6	16	222
970		8	149	20	22	31	22	26	95	34	11	29	447
975	27	35	199	32	53	69	43	82	153	69	55	56	873
980	92	107	215	72	94	90	94	138	191	127	119	107	1446
985	193	201	225	133	151	130	146	170	219	174	169	146	2057
990	239	230	233	220	186	185	179	202	232	218	206	194	2524
995	248	230	240	235	211	221	212	240	240	229	238	241	2785
1000	248	230	248	240	236	229	238	248	240	242	240	248	2887
1005	248	230	248	240	248	236	248	248	240	248	240	248	2922
1010	248	230	248	240	248	240	248	248	240	248	240	248	2926

Maximum Temperature

Upper Limit Range - °F													
525							2						2
519							3						3
518							5						5
517							6						6
515							8						8
514							9						9
513							10						10
512							11						11
509						2	11						13
508						4	13		1				18
507						5	15		1				21
506				1	1	6	15		1				24
505				1	1	7	15		1				25
504				1	1	8	15		1				26
503				1	1	8	15		3				28
502				1	4	8	15		3				31
501				1	6	8	15		3				33
000				1	6	8	17	2	4				38
001				1	8	8	17	3	6				43
002				1	9	9	18	4	6				47
003				1	10	11	18	4	6				50
004				1	12	12	18	5	7				55
005				1	12	12	18	5	9				57
006				3	13	12	18	6	9				61
007				5	13	12	18	6	9				63
008				7	14	13	19	6	10				69
009				8	15	13	19	8	11	2			76
010			2	10	15	13	19	9	11	4			83
011			2	10	15	13	19	10	13	6			88
012			4	10	15	14	20	11	13	7			94
013			5	12	16	14	21	12	16	8			104
014			5	14	17	15	21	13	17	9			111
015			6	16	19	16	22	15	17	9			120
016			8	19	21	19	23	17	17	11			135
017			9	20	21	19	23	18	19	11			140
018			12	20	21	23	23	18	20	13			150
019			13	21	22	23	23	23	21	16			162
020			16	22	23	24	25	24	21	16			171
021			18	23	26	24	25	24	21	21			182
022		1	18	24	28	25	27	24	24	22	3		196
023		3	19	25	28	26	28	24	25	25	4		207
024		3	23	26	28	29	30	25	27	25	5		221
025		4	23	28	28	30	30	28	28	26	7		232
026		4	24	30	30	30	30	29	29	28	10		244
027		4	25	30	30	30	31	29	29	29	11		248
028		8	26	30	30	30	31	30	29	29	15		258
029		8	26	30	30	30	31	30	29	30	17	2	263
030		11	29	30	30	30	31	31	29	30	17	4	272
031		12	29	30	30	30	31	31	29	31	19	5	277
032	2	12	29	30	30	30	31	31	29	31	23	9	287
033	9	14	31	30	31	30	31	31	30	31	25	13	306
034	14	15	31	30	31	30	31	31	30	31	28	15	317
035	15	17	31	30	31	30	31	31	30	31	29	19	325
036	18	17	31	30	31	30	31	31	30	31	30	24	334
037	22	19	31	30	31	30	31	31	30	31	30	26	342
038	26	24	31	30	31	30	31	31	30	31	30	26	351
039	27	25	31	30	31	30	31	31	30	31	30	29	356
040	28	28	31	30	31	30	31	31	30	31	30	29	360
041	31	28	31	30	31	30	31	31	30	31	30	30	364
042	31	28	31	30	31	30	31	31	30	31	30	31	365
043	31	29	31	30	31	30	31	31	30	31	30	31	366

FREQUENCY ANALYSES
WILKES 1960

Upper Limit Range - °F	Minimum Temperature												
	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug	Sep.	Oct.	Nov.	Dec.	Total
536							1						1
535							2						2
534							3						3
533							4						4
532							7						7
531							9						9
530							12						12
526						1	13						14
525						1	13		2				16
524						3	13		2				18
523						5	13		2				20
522					1	5	15		2				23
521					1	6	15		2				24
520				1	1	8	18		2				30
519				1	1	9	18		2				31
518				1	2	9	18		2				32
517				1	2	11	18		2				34
516				1	2	11	20	1	2				37
515				1	5	13	20	1	2				42
514				1	7	15	20	3	3				49
513				1	10	15	20	3	3				52
512				1	11	16	20	4	4				56
511				1	11	16	20	5	5				58
510				2	11	16	20	6	6				61
509				2	12	16	21	6	8				65
508				3	13	16	21	7	10	1			71
507				3	15	16	21	10	13	2			80
506				6	18	16	21	11	15	2			89
505				7	18	17	21	13	15	2			93
504			2	8	19	17	21	14	16	2			99
503			2	10	19	19	21	17	16	4			108
502			5	12	21	19	21	19	19	6			122
501			6	13	22	19	21	19	19	7			126
000			8	14	23	20	21	20	20	8			134
001			8	15	23	20	23	21	20	9			139
002			9	15	24	21	23	22	20	9			143
003			12	15	24	21	23	23	20	10			148
004			15	16	24	24	23	23	21	12			158
005			16	16	24	24	24	24	21	16			165
006			17	19	24	26	24	24	22	18			174
007			20	21	25	26	24	25	22	19	1		183
008			21	23	26	26	25	25	22	19	1		188
009		1	21	24	28	26	27	25	22	19	1		194
010		1	21	28	29	27	27	27	22	20	1		203
011		1	22	28	29	28	27	28	22	24	4		213
012		2	23	28	29	28	29	28	23	26	4		220
013		3	23	29	29	28	29	28	24	26	4		223
014		4	23	30	29	28	30	29	25	28	7		233
015		4	24	30	29	28	30	30	27	28	9		239
016		7	25	30	29	29	30	30	28	28	9	2	247
017		7	25	30	29	29	30	31	29	28	9	2	249
018		8	25	30	29	30	31	31	29	30	12	2	257
019	1	8	26	30	29	30	31	31	30	30	15	4	265
020	2	10	26	30	30	30	31	31	30	31	17	4	272
021	4	10	26	30	31	30	31	31	30	31	18	4	276
022	4	11	28	30	31	30	31	31	30	31	22	6	285
023	5	16	28	30	31	30	31	31	30	31	25	7	295
024	10	16	30	30	31	30	31	31	30	31	26	13	309
025	10	18	30	30	31	30	31	31	30	31	28	21	321
026	16	20	31	30	31	30	31	31	30	31	30	23	334
027	17	21	31	30	31	30	31	31	30	31	30	28	341
028	18	24	31	30	31	30	31	31	30	31	30	30	347
029	22	25	31	30	31	30	31	31	30	31	30	31	353
030	27	28	31	30	31	30	31	31	30	31	30	31	361
031	29	28	31	30	31	30	31	31	30	31	30	31	363
032	31	29	31	30	31	30	31	31	30	31	30	31	366

Maximum Speed of Wind Gust

Upper Limit Range - Knots	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
10	6		1	4	2	3	5	3	1	1	1	4	31
20	16	20	15	20	12	14	21	15	12	15	15	14	189
30	22	28	24	26	19	20	22	20	16	19	21	21	258
40	27	29	28	29	22	23	23	23	16	23	26	22	291
50	28	29	29	30	25	27	28	24	20	24	28	25	317
60	29	29	31	30	29	28	28	25	21	27	29	28	334
70	30	29	31	30	30	29	30	27	23	27	30	30	346
80	31	29	31	30	30	30	30	30	25	28	30	30	354
90	31	29	31	30	30	30	31	31	26	29	30	30	358
100	31	29	31	30	30	30	31	31	26	31	30	30	360

Daily Duration of Sunshine

Upper Limit Range - Hours													
00	4		13										17
01	5		17										22
02	7		18										25
03	9		20										29
04	12		22										34
05	13		24										37
06	14		24										38
07	16		25										41
08	18		29										47
09	18		30										48
10	20		30										50
11	21		30										51
12	22		30										52
13	24		30										54
14	24		30										54
15	27		30										57
16	28		30										58
17	29		30										59

FREQUENCY ANALYSES
WILKES 1960

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.	021									1								1
	022							2		1								3
	023							3		1								4
	024		1	1			1	3		1			1					8
	025		1	1			2	4	1	1			3					13
	026		1	1			2	4	1	1			3			2	1	16
	027		1	1			2	4	3	2		1	4	3	1	2	2	26
	028		1	1	1		2	4	5	3	1	1	4	4	1	2	3	33
	029		1	4	1	2	4	6	5	4	4	2	5	6	2	2	3	51
	030	3	2	6	1	3	5	9	6	5	3	3	5	7	3	3	4	73
	031	5	5	6	6	6	6	12	10	9	12	5	7	11	5	3	6	114
	032	5	6	7	7	8	8	14	16	13	15	7	9	14	9	6	6	150
	033	5	7	10	8	10	8	14	17	15	20	7	11	17	10	7	8	174
	034	5	7	10	8	10	11	18	18	18	22	9	12	19	14	7	12	200
	035	5	7	10	8	10	12	18	19	21	23	10	15	20	15	9	13	215
	036	5	7	10	9	11	14	19	20	23	24	10	18	21	15	11	15	232
	037	5	7	10	9	11	14	19	20	23	24	11	20	21	16	11	19	240
	038	5	7	10	9	11	14	19	20	23	24	11	20	21	17	11	20	242

Feb.	010				1													1
	011			1	2													3
	014			1	3													4
	015			2	3								1					6
	016		1	2	3								1					7
	017		1	3	4		2						1					11
	018		1	3	4		3	1	1	1	1		1					16
	019		1	4	6	2	5	3	1	2	1		1					26
	020		1	4	6	3	5	4	2	2	1		1					29
	021		1	5	6	5	6	4	3	2	1		1					34
	022		2	6	8	7	8	6	3	2	1		1					44
	023		2	7	9	7	11	8	3	4	2		1					54
	024		4	7	10	7	13	8	5	4	2		2					62
	025		4	8	14	8	14	9	5	6	2		2					72
	026	1	6	10	15	10	16	11	5	6	2	1	2			1		86
	027	1	6	11	17	10	17	12	9	7	2	1	3			1		97
	028	1	8	11	17	12	18	13	11	9	3	2	5			1		111
	029	1	10	11	17	12	19	16	11	9	5	3	5	2		2		123
	030	1	10	11	19	13	20	16	12	9	6	4	7	3		2		133
	031	1	10	11	19	13	21	18	14	9	8	5	9	3		3	2	146
	032	1	10	12	20	13	22	18	14	9	12	5	11	4	2	3	2	158
	033	1	10	12	22	13	24	20	15	12	15	5	12	6	3	4	2	177
	034	1	10	12	23	13	28	21	15	14	17	5	14	7	3	5	4	192
	035	1	10	12	23	13	29	21	17	16	17	6	16	8	3	6	5	203
	036	1	10	12	23	13	29	22	18	17	19	9	18	9	3	7	5	215
	037	1	10	12	23	13	29	23	18	17	19	9	18	9	4	8	7	220
	038	1	10	12	23	13	29	23	18	17	19	9	18	10	4	8	11	225
	039	1	10	12	23	13	29	23	18	17	19	9	18	11	5	8	11	227
	040	1	10	12	23	13	29	23	18	17	19	9	18	11	6	8	11	228
	042	1	10	12	23	13	29	23	18	17	19	9	18	11	6	8	12	229

FREQUENCY ANALYSES
WILKES 1960

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
Mar.	501					1												1
	000				1	2	2		1									6
	001				1	3	3	2	4									13
	002				2	3	6	3	5									19
	003				5	4	7	5	5		1							27
	004				6	5	10	5	5		1	1						33
	005				9	8	11	6	5		1	1	1					42
	006				10	12	12	8	6		1	1	1	2				53
	007				13	14	14	10	6		3	2	1	2				65
	008			1	15	16	17	10	6		3	3	1	2				74
	009			1	17	17	21	13	8		3	3	1	2				86
	010			1	17	18	24	14	8	1	3	3	1	2				92
	011			1	19	19	25	14	8	2	4	3	1	3				99
	012			1	19	19	26	14	9	2	5	5	1	3				104
	013			2	20	20	27	14	10	2	5	6	2	3		1		112
	014			3	23	20	29	15	10	2	9	6	3	3		1		124
	015			5	26	23	30	16	10	3	9	6	3	3		1		135
	016			6	30	25	32	18	11	3	9	6	3	3		1		147
	017			7	31	29	33	18	11	3	9	6	3	3		1		154
	018			7	34	31	37	18	11	3	9	6	4	3		1		164
	019		1	10	34	34	40	20	11	4	10	6	5	3		1		179
	020		3	12	34	37	43	20	11	4	10	7	5	3		1		190
	021		3	13	35	39	43	21	11	5	10	7	5	3		1		196
	022		3	16	36	41	43	21	11	6	11	7	5	3		1		204
	023		3	17	38	42	43	21	12	6	11	8	5	4		1		211
	024		4	17	38	43	43	21	13	6	11	8	5	4		1		214
	025		4	17	40	43	44	21	15	6	11	8	5	4		1		219
	026		4	18	41	44	44	21	15	6	11	8	5	4		1		222
	027		6	18	42	44	45	21	16	7	11	8	5	4		1		228
	028		6	18	44	44	48	21	16	8	11	8	5	4		1	1	235
	029		6	18	45	46	48	22	17	8	12	9	5	4		1	1	242
	030		6	18	46	46	48	23	17	8	12	9	5	4		1	1	244
	031		6	18	46	46	48	24	17	8	12	9	5	4		1	1	245
	032		6	19	46	46	48	24	19	8	12	9	5	4		1	1	248
Apr.	517											1						1
	514						3					1						4
	512						3	1		1		1						6
	510						3	1	1	1		1						7
	509						3	1	1	1	1	1						8
	507					1	3	1	1	1	1	1						9
	504					1	3	1	1	1	1	2						10
	503					5	3	2	2	3	1	3						19
	502					5	3	2	4	3	2	3						22
	501					5	4	2	5	4	2	3						25
	000				1	7	8	2	5	5	2	3						33
	001				4	7	8	3	7	5	2	3						39
	002				6	10	11	3	7	5	2	5						49
	003				8	14	15	3	7	6	2	6						61
	004				12	15	16	4	8	7	2	6						70
	005				14	18	19	8	9	8	2	6						84
	006				16	19	20	8	9	8	3	6						89
	007				16	23	21	10	10	9	3	6						98
	008				21	24	21	13	12	9	3	6						109
	009				26	24	21	14	12	10	3	6						116
	010				26	29	25	14	13	10	3	6						126
	011				29	32	27	14	16	14	4	6						142
	012				33	35	29	17	19	15	5	8					1	162
	013			1	34	36	32	19	21	15	5	8		1			1	173
	014			1	34	36	33	20	23	15	5	8		2			1	178
	015			1	36	36	33	22	27	15	5	8		2			1	186
	016			4	39	36	36	24	28	16	6	8	1	2			1	201
	017			5	41	38	36	26	28	17	7	8	2	2			1	211
	018		1	5	41	38	38	28	29	17	7	8	2	2			1	217
	019		1	7	42	38	38	28	30	17	8	9	2	2			1	223
	020		1	8	43	39	39	31	30	18	8	9	2	2			1	231
	021		1	9	43	39	40	31	30	18	8	9	2	2			1	233
	022		1	9	43	39	40	32	30	18	8	9	2	2		1	1	235
	023		1	10	44	39	40	32	30	18	8	9	2	2		1	1	237
	024		1	10	44	41	40	32	30	18	8	9	2	2		1	1	239
	025		1	10	44	41	40	33	30	18	8	9	2	2		1	1	240

FREQUENCY ANALYSES
WILKES 1960

Screen Temperature v Dew Point Depression

Dew Point Depression

	°F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	> 14	Total
May.	521								1									1
	518						2		1				1					4
	517						2		1		1		1					5
	516						2		1		2		1					6
	515						2		1		2	1	1					7
	514						2		1	1	3	2	1					10
	513						2	2	1	1	5	2	1					14
	512				1		3	2	1	1	7	2	1					18
	511				1		3	3	2	1	9	4	1		1			25
	510				1		4	7	4	3	11	4	1		1			36
	509				1		4	8	6	3	15	4	1	1	1			44
	508				1	2	4	8	7	4	15	4	1	1	1			48
	507				1	3	5	9	8	7	17	5	1	1	1			58
	506				1	5	6	10	11	10	18	6	1	1	1			70
	505				1	6	7	11	13	16	19	6	1	1	1			82
	504				1	6	8	14	14	16	19	6	1	1	1			87
	503				1	6	12	15	15	16	19	6	1	1	1			93
	502				1	10	13	18	15	16	20	6	1	1	1			102
	501				2	11	14	21	16	17	20	7	1	1	1			111
	000				2	12	16	23	17	17	21	7	1	1	1			118
	001				3	14	20	23	18	17	21	7	1	1	1			126
	002				3	18	25	23	18	17	21	7	1	1	1			135
	003				3	21	28	23	18	17	21	7	1	1	1			141
	004				5	22	30	25	18	17	21	7	1	1	1			148
	005			1	7	23	30	25	18	17	21	7	1	1	1			152
	006			1	7	26	31	25	18	17	21	7	1	1	1			156
	007			1	7	28	34	25	18	17	21	7	1	1	1			161
	008			1	7	28	35	25	19	17	21	7	1	1	1			163
	009			2	9	30	36	25	19	17	21	7	1	1	1			169
	010			2	9	34	37	25	19	17	21	7	1	1	1			174
	011			2	9	35	37	25	21	19	22	7	1	1	1			180
	012			2	9	36	38	26	22	19	22	7	1	1	1			184
	013			2	12	40	38	26	23	19	22	7	1	1	1			192
	014			2	15	42	39	30	23	19	22	7	1	1	1			202
	015			2	18	44	40	32	23	19	22	7	1	1	1			210
	016			3	21	45	41	33	23	19	22	7	1	1	1			217
	017			5	21	45	41	33	24	20	22	7	1	1	1			221
	018			7	23	45	42	34	24	20	22	7	1	1	1			227
	019			7	23	45	43	34	24	20	22	7	1	1	1			228
	020		2	7	23	45	43	34	24	20	22	7	1	1	1			230
	021		2	7	24	45	44	35	24	20	22	7	2	1	1			234
	022		2	8	24	45	45	35	24	20	22	7	2	1	1			236
	023		3	9	25	45	46	35	25	21	22	7	2	1	1			242
	024		3	9	25	45	47	36	25	22	22	7	2	1	1			245
	025		3	9	25	45	47	36	26	22	22	7	2	1	1			246
	026		3	9	25	46	47	36	26	22	22	7	2	1	1			247
	027		3	9	25	46	47	36	27	22	22	7	2	1	1			248

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
Jun.	522						1				1							2
	520						1	1			1							3
	519						4	1	1		1		1					8
	518						6	2	2		1		2					13
	517						7	3	2	1	2		2					17
	516						9	3	2	2	2		2					20
	515						10	3	4	3	2		4					26
	514						14	3	5	4	2	1	5					34
	513						18	4	6	4	3	1	5	1				42
	512						19	6	8	5	6	1	6	1				52
	511					1	20	9	9	7	7	1	6	1				61
	510					1	21	12	10	7	7	2	7	2				69
	509					1	23	15	13	10	8	3	8	2			1	84
	508					2	25	15	14	11	8	3	8	2			1	89
	507					3	25	16	14	12	9	3	9	2			1	94
	506					4	25	19	14	12	10	3	10	2			1	100
	505					4	26	22	15	12	10	3	10	2		1	1	106
	503					4	27	22	15	12	10	3	10	2		1	1	107
	502				1	4	27	22	15	12	10	3	10	2		1	1	108
	501				1	4	27	25	15	12	10	3	10	2		1	1	111
	000				1	6	30	25	15	13	10	3	10	2		1	1	117
	001				3	6	31	27	15	14	10	3	10	2		1	1	123
	002				3	7	32	27	15	14	12	3	10	2		1	1	127
	003				3	10	33	28	15	14	12	3	10	2		1	1	132
	004				3	13	34	28	15	14	12	3	10	2		1	1	136
	005				5	16	34	28	15	14	12	3	10	2		1	1	141
	006				5	16	34	28	16	14	12	3	10	2		1	1	142
	007				6	18	35	28	17	14	13	3	10	2		1	1	148
	008				6	18	35	28	17	15	13	4	10	2		1	1	150
	009				7	20	35	29	17	15	13	5	10	2		1	1	155
	010			1	7	25	36	30	18	15	15	6	10	2		1	1	167
	011			1	7	26	38	31	19	15	18	7	10	2		1	1	176
	012			1	7	26	40	32	20	15	18	7	10	2		1	1	180
	013			1	7	27	42	33	21	16	19	7	11	2		1	1	188
	014			2	7	28	42	34	22	16	19	8	11	2		1	1	193
	015			4	9	31	42	35	22	18	19	8	11	2		1	1	203
	016			5	11	31	42	35	22	19	19	9	12	2		1	1	209
	017			5	13	32	44	35	22	19	19	9	13	2		1	1	215
	018			7	14	32	44	35	22	19	19	9	13	2		1	1	218
	019			10	14	33	44	35	23	19	19	9	13	2		2	1	224
	020			12	15	34	44	35	23	19	20	9	13	2		2	1	229
	021			13	16	34	44	36	23	19	21	9	13	2		2	1	233
	022		1	13	16	34	44	36	23	19	21	9	13	2		2	1	234
	023		1	13	16	35	44	36	23	19	21	9	13	2		2	1	235
	024		1	14	19	36	44	36	23	19	21	9	13	2		2	1	240

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
Jul.	533								2									2
	532							1	2									3
	531							2	2									4
	530							5	2		2							9
	529						1	7	2	1	4							15
	528						1	10	2	4	6		1					24
	527						2	13	2	5	8		1					31
	526						3	16	2	5	8		1					35
	525						3	18	2	6	8		2					39
	524						4	21	2	6	8	2	2					45
	523						8	25	2	6	8	4	2					55
	522						8	31	2	7	8	4	2					62
	521						13	36	4	7	8	4	2					74
	520						17	37	8	7	8	4	2					83
	519						17	37	9	8	8	4	6					89
	518						17	38	12	8	8	5	7					95
	517						18	39	13	8	9	5	7					99
	516						25	40	13	8	10	5	7				2	110
	515						26	40	13	8	10	6	7				2	112
	514						28	43	13	11	10	8	7				2	122
	513						28	44	13	13	10	8	7				2	125
	512						31	44	14	13	10	8	7				2	129
	511						32	44	14	13	10	8	7				2	130
	510					1	33	44	14	15	11	8	7				2	135
	509					1	34	45	15	15	13	8	7				2	140
	508					1	34	46	15	16	14	8	7				2	143
	507					1	34	46	16	16	15	8	7				2	145
	506					2	35	46	16	16	15	8	7				2	147
	505					3	35	46	17	16	15	8	7				2	149
	504					3	35	47	17	16	15	8	7				2	150
	503					4	36	49	17	16	15	8	7				2	154
	502					7	36	49	17	16	15	8	7				2	157
	501					7	37	50	17	16	15	8	7				2	159
	000					8	37	50	17	16	15	8	7				2	160
	001				1	8	37	50	17	16	15	8	7				2	161
	002				1	8	37	50	17	17	15	8	7				2	162
	003				1	9	37	50	17	17	15	8	7				2	163
	004				2	10	37	51	17	17	15	8	7				2	166
	005				2	10	37	51	17	19	15	8	7				2	168
	006				2	10	37	51	17	19	15	9	7				2	169
	007				2	10	38	51	17	19	15	9	7				2	170
	008				2	10	38	52	17	20	15	9	8				2	173
	009				3	10	38	52	17	21	15	9	9				2	176
	010				4	12	40	52	18	21	15	9	9	1			2	183
	011			1	6	13	40	52	18	21	15	9	9	1			2	187
	012			1	9	14	40	52	18	21	15	9	9	1			2	191
	013			2	11	16	41	53	18	21	15	9	9	1			2	198
	014			2	13	18	41	53	18	21	15	9	9	1			2	202
	015			3	15	19	41	53	18	22	15	10	9	1			2	208
	016			5	17	19	41	53	18	22	15	10	9	1			2	212
	017			7	21	19	42	53	18	22	15	10	9	1			2	219
	018			8	23	19	42	53	18	22	15	10	9	1			2	222
	019			11	26	20	42	53	18	22	15	10	9	1			2	229
	020			15	27	21	43	53	19	22	15	10	9	1			2	237
	021			17	28	21	45	53	20	22	15	10	9	1			2	243
	022			20	28	21	45	53	20	22	15	10	9	2			2	247
	025			20	28	21	45	53	20	22	15	10	9	3			2	248

FREQUENCY ANALYSES
WILKES 1960

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.	512						1											1
	511						2			1								3
	510						4		1	1								6
	509					1	6	1	1	1								10
	508					1	7	1	1	1	1	1			1			14
	507					3	7	1	1	1	2	1	1		2			19
	506					4	7	2	2	1	2	2	1		3			24
	505					5	8	5	2	2	2	2	2		3			31
	504					6	8	5	4	3	2	2	3		3			36
	503					7	8	6	5	3	2	2	3	1	3			40
	502					10	9	7	8	3	2	2	3	1	3			48
	501					17	9	8	8	4	2	2	3	2	3			58
	000				1	19	13	9	8	7	3	3	3	3	3		1	73
	001				1	21	16	9	8	7	4	4	3	3	3		1	80
	002				1	21	19	10	10	8	5	6	3	3	3		1	90
	003				1	24	22	11	12	9	5	7	3	3	3		1	101
	004				1	25	22	12	16	9	5	8	3	3	3		1	108
	005				2	26	22	13	17	9	5	9	3	3	3		1	113
	006				2	27	22	15	18	9	5	9	3	3	3		1	117
	007				2	30	22	18	19	9	6	10	3	3	3	1	1	127
	008				3	30	23	19	19	9	6	10	3	3	3	1	1	130
	009				3	31	23	21	19	10	6	10	3	3	3	1	2	135
	010				3	31	23	21	21	10	8	11	3	3	3	1	2	140
	011			1	7	33	23	24	21	11	10	11	3	3	3	1	2	153
	012			1	11	36	24	24	21	11	11	11	3	3	3	2	2	163
	013			2	11	39	29	25	21	11	13	12	3	3	3	2	2	176
	014			2	13	39	29	27	22	11	13	12	7	3	3	2	2	185
	015			2	16	41	29	32	23	11	13	12	7	4	3	2	2	197
	016			3	22	42	29	32	23	11	13	12	7	4	3	2	2	205
	017			4	25	45	29	32	23	11	13	12	7	4	3	2	2	212
	018			5	28	46	30	33	23	12	13	12	7	4	3	2	2	220
	019			8	28	47	31	34	23	13	13	12	7	4	3	2	2	227
	020			8	29	47	33	34	23	13	13	12	7	4	3	2	2	230
	021			8	34	48	33	34	23	13	13	12	7	4	3	2	2	236
	022			10	36	48	34	34	23	13	13	12	7	4	3	2	2	241
	023			10	37	49	35	34	23	13	13	12	7	4	3	2	2	244
	024			10	38	49	35	34	23	13	13	12	7	4	3	2	2	245
	025			10	40	49	35	34	23	13	13	12	7	4	3	2	2	247
	027			11	40	49	35	34	23	13	13	12	7	4	3	2	2	248

Sep.	520							2										2
	519							2	1									3
	518						1	2	1	1								5
	515						1	2	1	2								6
	512						1	3	1	2								7
	511						1	3	1	3								8
	510					1	4	3	2	3								13
	509					3	4	4	4	3								18
	508					4	5	5	4	3								21
	507					6	5	7	4	4			1					27
	506					7	5	8	5	4			1					30
	505					11	5	10	6	4			1					37
	504					15	6	11	8	4			1					45
	503					16	8	12	9	4	1		1					51
	502					19	12	15	11	5	1	1	1		1			66
	501					23	13	18	12	5	2	1	1		1			76
	000					24	14	20	16	5	2	1	1	1	1			85
	001					24	15	20	16	5	2	1	1	1	1			86
	002				2	25	16	22	16	6	3	1	1	1	1			94
	003				2	28	16	24	16	8	3	2	1	1	1			102
	004				3	32	18	24	18	8	4	2	1	1	1			112
	005				7	35	21	26	19	8	5	2	1	1	1			126
	006				9	37	22	26	20	8	5	2	1	1	1			132
	007				10	38	22	26	21	8	5	2	1	1	1			135
	008				10	41	22	26	21	8	6	2	1	1	1			139
	009				11	42	23	27	21	8	6	3	1	1	1			144
	010				11	46	24	27	22	8	6	3	1	1	1			150
	011				12	48	24	27	22	8	6	3	1	1	1			153
	012				15	49	27	28	22	8	6	3	1	1	1			161
	013				15	51	28	29	22	8	6	3	1	1	1			165
	014				17	53	30	30	23	8	6	3	1	1	1			173
	015				17	54	33	32	23	8	6	3	1	1	1			179
	016				17	56	35	32	23	8	6	3	1	1	1			183
	017			1	21	57	37	32	23	8	6	3	1	1	1			191
	018			2	22	59	38	34	23	8	6	3	1	1	1			198
	019			7	24	59	41	35	23	8	6	3	1	1	1			209
	020			7	27	62	41	35	23	8	6	3	1	1	1			215
	021			10	28	65	42	35	23	8	6	3	1	1	1			223
	022			13	31	66	42	35	23	8	6	3	1	1	1			230
	023			17	32	67	43	35	23	8	6	3	1	1	1	1		238
	024			17	32	68	43	35	23	9	6	3	1	1	1	1		240

FREQUENCY ANALYSES
WILKES 1960

Screen Temperature v Dew Point Depression

Dew Point Depression

	°F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	> 14	Total
Oct.	505					2												2
	504					2	1	1										4
	501					3	1	1				1						6
	000					3	1	1	5			2						12
	001					3	1	3	6	1		2						16
	002					3	1	4	8	1		2						19
	003					4	1	5	8	1	1	2						22
	004					5	2	5	8	1	1	2						24
	005					5	2	7	10	2	2	4						32
	006					6	4	8	10	3	5	5						41
	007					8	5	9	11	3	9	5	1	1				52
	008				1	9	9	9	16	7	15	5	1	1		1		74
	009				3	9	12	13	18	11	16	5	2	1	1	1		92
	010			1	3	9	12	16	22	12	18	6	3	1	1	1		105
	011			1	3	9	12	18	23	13	18	6	3	1	1	1		109
	012			1	3	9	14	18	25	13	18	6	4	1	1	1		114
	013			1	5	12	18	18	27	14	19	6	4	1	1	1		127
	014			1	5	16	22	21	27	15	19	7	4	1	1	1		140
	015			3	8	23	24	25	29	15	19	7	5	1	1	1		161
	016			3	12	23	26	27	29	17	20	7	5	1	1	1		172
	017			5	15	25	28	29	31	17	22	7	5	1	1	1		187
	018			7	16	27	30	31	31	17	22	10	5	1	1	1		199
	019			7	19	29	32	33	31	17	22	10	5	1	1	1		208
	020			8	20	31	33	33	32	17	22	10	5	1	1	1		214
	021			8	21	33	39	34	32	18	22	10	5	1	1	1		225
	022		1	9	22	34	41	35	33	18	22	10	5	1	1	1		233
	023		4	9	22	35	43	35	33	18	22	10	6	1	1	1		240
	024		4	10	22	35	43	35	35	19	22	10	6	1	1	1		244
	025		4	10	22	36	43	35	35	19	22	10	6	1	1	1		245
	026		4	10	22	36	43	35	35	19	22	10	6	1	1	2		246
	027		4	10	22	36	44	35	35	19	22	10	6	1	1	2		247
	030		4	10	22	37	44	35	35	19	22	10	6	1	1	2		248
Nov.	009						1											1
	010						1		1									2
	013						1		2									3
	014						1		2		1							4
	015					1	1		2	1	1							6
	016					2	1		2	1	2	1						9
	017					2	2	1	2	1	2	2						12
	018			1	1	2	3	1	3	1	3	4						19
	019			1	1	2	6	2	7	2	5	4	2					32
	020		2	2	3	2	7	3	8	4	5	6	3					45
	021		2	4	6	3	10	6	12	5	9	8	3			1		69
	022		2	4	6	8	14	9	13	7	11	8	3			2		87
	023		3	5	7	9	14	12	15	7	12	8	4		1	2	1	100
	024		3	6	10	12	14	12	20	11	12	9	5	1	1	2	1	119
	025		7	6	10	13	22	13	23	14	12	11	5	2	1	2	1	142
	026		7	7	11	18	23	14	25	15	13	11	5	2	1	2	1	155
	027		7	7	13	25	23	17	30	16	14	11	7	2	1	2	2	177
	028		8	7	16	29	25	18	34	16	14	12	8	2	1	2	2	194
	029		8	7	18	32	27	20	34	17	17	15	8	2	1	2	2	210
	030	1	9	7	21	33	29	21	35	18	19	16	8	2	1	2	2	224
	031	1	9	7	22	35	29	22	35	18	20	16	8	2	1	2	3	230
	032	1	10	7	23	36	30	22	35	18	20	16	8	2	1	2	4	235
	033	1	11	7	23	36	31	23	35	18	20	16	8	2	1	2	4	238
	034	1	11	7	23	36	31	23	35	18	21	16	8	2	1	2	4	239
	035	1	11	7	23	36	31	23	35	19	21	16	8	2	1	2	4	240
Dec.	019						1											1
	020				1		1	2	1									5
	021				1	2	2	2	1									8
	023				1	2	3	2	1									9
	024				1	2	3	2	1			1	1					11
	025				3	4	5	3	3	2		1	2		1			24
	026				4	7	9	6	3	4	1	1	2		1			38
	027				4	9	12	7	7	6	3	4	4		1	1		58
	028			3	8	11	16	12	10	8	5	6	4		1	1		85
	029			4	13	17	18	19	11	8	5	6	6		1	1	1	110
	030		1	5	20	19	19	22	16	11	10	9	6		1	1	2	142
	031		1	6	22	19	23	31	22	13	16	10	6	4	1	1	3	178
	032		1	7	23	21	31	38	24	17	18	10	7	4	2	1	3	207
	033		1	7	25	21	34	38	24	18	20	11	7	4	3	1	3	217
	034		1	7	25	23	40	38	24	18	20	13	8	4	3	1	3	228
	035		1	7	25	23	40	38	24	18	21	14	9	5	3	3	3	234
	036		1	7	25	23	40	38	24	19	23	14	10	6	3	4	3	240
	037		1	7	25	24	40	38	24	19	23	15	10	6	4	4	6	246
	038		1	7	25	24	40	38	24	19	23	15	10	7	4	4	6	247
	039		1	7	25	24	40	38	24	19	23	15	10	7	4	4	7	248

FREQUENCY ANALYSES
DAVIS 1960

	Direction x 10°	Direction and Speed of Surface Wind						
		Calm	1-9	10-19	20-29	30-39	40-49	> 50	Total
Jan.	35 36 01		21	12	0	0	0	0	33
	02 03 04		25	40	3	0	0	0	68
	05 06 07		18	16	10	4	0	0	48
	08 09 10		5	6	0	0	0	0	11
	11 12 13		3	3	0	0	0	0	6
	14 15 16		8	0	0	0	0	0	8
	17 18 19		4	2	0	0	0	0	6
	20 21 22		7	4	0	0	0	0	11
	23 24 25		28	4	0	0	0	0	32
	26 27 28		10	0	0	0	0	0	10
	29 30 31		5	0	0	0	0	0	5
	32 33 34		6	0	0	0	0	0	6
									4
		4	140	87	13	4	0	0	248
Feb.	35 36 01		7	5	4	0	0	0	16
	02 03 04		12	29	12	1	0	0	54
	05 06 07		14	24	15	4	0	0	57
	08 09 10		17	11	3	0	0	0	31
	11 12 13		22	13	1	0	0	0	36
	14 15 16		6	0	0	0	0	0	6
	17 18 19		1	0	0	0	0	0	1
	20 21 22		9	1	0	0	0	0	10
	23 24 25		5	3	0	0	0	0	8
	26 27 28		5	0	0	0	0	0	5
	29 30 31		4	0	0	0	0	0	4
	32 33 34		2	2	0	0	0	0	4
									0
		0	104	88	35	5	0	0	232
Mar.	35 36 01		4	4	0	0	0	0	8
	02 03 04		6	24	16	3	0	0	49
	05 06 07		12	20	3	1	0	0	36
	08 09 10		32	3	1	0	0	0	36
	11 12 13		29	18	4	1	0	0	52
	14 15 16		12	1	1	1	0	0	15
	17 18 19		8	3	0	0	0	0	11
	20 21 22		1	8	0	0	0	0	9
	23 24 25		1	1	0	0	0	0	2
	26 27 28		7	6	0	0	0	0	13
	29 30 31		4	2	0	0	0	0	6
	32 33 34		4	1	1	0	0	0	6
									5
		5	120	91	26	6	0	0	248
Apr.	35 36 01		5	0	0	0	0	0	5
	02 03 04		5	12	0	0	0	0	17
	05 06 07		24	18	2	4	0	2	50
	08 09 10		23	0	0	0	1	2	26
	11 12 13		54	6	1	0	0	0	61
	14 15 16		15	0	0	0	0	0	15
	17 18 19		9	2	0	0	0	0	11
	20 21 22		8	2	0	0	0	0	10
	23 24 25		2	0	0	0	0	0	2
	26 27 28		0	1	0	0	0	0	1
	29 30 31		4	0	0	0	0	0	4
	32 33 34		1	0	0	0	0	0	1
									37
		37	150	41	3	4	1	4	240

FREQUENCY ANALYSES
DAVIS 1960

	Direction x 10°	Calm	Direction and Speed of Surface Wind 1-9	10-19	20-29	30-39	40-49	> 50	Total
May.	35 36 01		0	0	0	0	0	0	0
	02 03 04		4	0	2	1	0	0	7
	05 06 07		15	13	7	8	0	0	43
	08 09 10		26	9	9	1	0	0	45
	11 12 13		44	7	0	0	0	0	51
	14 15 16		40	4	1	0	0	0	45
	17 18 19		9	1	0	0	0	0	10
	20 21 22		7	1	0	0	0	0	8
	23 24 25		0	0	0	0	0	0	0
	26 27 28		0	0	0	0	0	0	0
	29 30 31		1	0	0	0	0	0	1
	32 33 34		0	0	0	0	0	0	0
									38
		38	146	35	19	10	0	0	248
Jun.	35 36 01		2	0	0	0	0	0	2
	02 03 04		9	11	3	0	4	0	27
	05 06 07		18	10	5	7	0	0	40
	08 09 10		22	7	1	2	2	1	35
	11 12 13		38	8	0	0	0	0	46
	14 15 16		22	1	0	0	0	0	23
	17 18 19		8	1	0	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		10	0	0	0	0	0	10
	29 30 31		8	0	0	0	0	0	8
	32 33 34		2	3	0	0	0	0	5
									29
		29	145	41	9	9	6	1	240
Jul.	35 36 01		2	1	1	0	0	0	4
	02 03 04		10	10	9	10	3	3	45
	05 06 07		14	8	1	4	7	2	36
	08 09 10		37	6	0	0	0	0	43
	11 12 13		19	1	0	0	0	0	20
	14 15 16		12	0	0	0	0	0	12
	17 18 19		23	2	0	0	0	0	25
	20 21 22		5	1	0	0	0	0	6
	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		1	0	0	0	0	0	1
									53
		53	126	29	11	14	10	5	248
Aug.	35 36 01		4	0	0	0	0	0	4
	02 03 04		14	7	1	0	0	0	22
	05 06 07		25	10	0	1	0	0	36
	08 09 10		47	16	0	1	0	0	64
	11 12 13		36	1	0	0	0	0	37
	14 15 16		13	0	0	0	0	0	13
	17 18 19		9	0	0	0	0	0	9
	20 21 22		5	1	0	0	0	0	6
	23 24 25		5	0	0	0	0	0	5
	26 27 28		2	0	0	0	0	0	2
	29 30 31		3	0	0	0	0	0	3
	32 33 34		0	0	0	0	0	0	0
									47
		47	163	35	1	2	0	0	248

FREQUENCY ANALYSES
DAVIS 1960

	Direction x 10°	Calm	Direction and Speed of Surface Wind 1-9	10-19	20-29	30-39	40-49	> 50	Total
Sep.	35 36 01		2	0	1	0	0	0	3
	02 03 04		8	5	7	1	0	0	21
	05 06 07		31	14	22	5	0	0	72
	08 09 10		30	8	1	2	0	0	41
	11 12 13		38	4	0	0	0	0	42
	14 15 16		8	1	0	0	0	0	9
	17 18 19		8	2	0	0	0	0	10
	20 21 22		7	0	0	0	0	0	7
	23 24 25		0	0	0	0	0	0	0
	26 27 28		2	0	0	0	0	0	2
	29 30 31		0	0	0	0	0	0	0
	32 33 34		1	0	0	0	0	0	1
									31
		31	135	34	31	8	0	0	239
Oct.	35 36 01		11	3	0	0	0	0	14
	02 03 04		27	12	4	0	0	0	43
	05 06 07		22	12	10	9	2	5	60
	08 09 10		6	4	1	0	0	0	11
	11 12 13		15	3	0	0	0	0	18
	14 15 16		19	1	0	0	0	0	20
	17 18 19		5	0	0	0	0	0	5
	20 21 22		9	0	0	0	0	0	9
	23 24 25		8	5	0	0	0	0	13
	26 27 28		2	0	0	0	0	0	2
	29 30 31		3	0	0	0	0	0	3
	32 33 34		1	0	0	0	0	0	1
									49
		49	128	40	15	9	2	5	248
Nov.	35 36 01		16	8	0	0	0	0	24
	02 03 04		17	36	21	3	0	0	77
	05 06 07		15	20	18	9	1	0	63
	08 09 10		14	4	0	0	0	0	18
	11 12 13		3	0	0	0	0	0	3
	14 15 16		4	0	0	0	0	0	4
	17 18 19		3	2	0	0	0	0	5
	20 21 22		4	5	0	0	0	0	9
	23 24 25		5	1	0	0	0	0	6
	26 27 28		2	0	0	0	0	0	2
	29 30 31		3	0	0	0	0	0	3
	32 33 34		2	1	0	0	0	0	3
									23
		23	88	77	39	12	1	0	240
Dec.	35 36 01		10	11	1	0	0	0	22
	02 03 04		12	28	19	3	0	0	62
	05 06 07		4	30	24	5	3	2	68
	08 09 10		0	7	3	0	1	1	12
	11 12 13		3	3	0	0	0	0	6
	14 15 16		0	0	0	0	0	0	0
	17 18 19		4	1	0	0	0	0	5
	20 21 22		6	5	0	0	0	0	11
	23 24 25		16	11	1	0	0	0	28
	26 27 28		5	1	0	0	0	0	6
	29 30 31		2	0	0	0	0	0	2
	32 33 34		4	0	0	0	0	0	4
									22
		22	66	97	48	8	4	3	248

FREQUENCY ANALYSES
MACQUARIE ISLAND 1960

	Direction x 10°	Direction and Speed of Surface Wind						
		Calm	1-9	10-19	20-29	30-39	40-49	> 50	Total
Jan.	35 36 01		3	6	3	1	0	0	13
	02 03 04		1	0	0	0	0	0	1
	05 06 07		0	1	0	0	0	0	1
	08 09 10		2	0	0	0	0	0	2
	11 12 13		2	2	1	0	0	0	5
	14 15 16		0	0	0	0	0	0	0
	17 18 19		3	5	4	0	0	0	12
	20 21 22		2	3	0	0	0	0	5
	23 24 25		5	2	1	0	0	0	8
	26 27 28		3	19	16	22	0	0	60
	29 30 31		4	24	33	16	1	0	78
	32 33 34		6	13	37	4	1	0	61
									2
		2	31	75	95	43	2	0	248
Feb.	35 36 01		3	10	10	4	2	0	29
	02 03 04		0	2	1	1	0	0	4
	05 06 07		0	0	0	0	0	0	0
	08 09 10		0	0	0	0	0	0	0
	11 12 13		1	0	0	0	0	0	1
	14 15 16		0	0	0	0	0	0	0
	17 18 19		1	0	2	0	0	0	3
	20 21 22		2	1	0	0	0	0	3
	23 24 25		3	1	0	0	0	0	4
	26 27 28		1	13	18	4	0	0	36
	29 30 31		2	18	29	19	0	0	68
	32 33 34		1	6	45	32	0	0	84
									0
		0	14	51	105	60	2	0	232
Mar.	35 36 01		1	2	1	4	0	0	8
	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		0	1	0	0	0	0	1
	17 18 19		0	1	0	0	0	0	1
	20 21 22		0	1	0	0	0	0	1
	23 24 25		2	0	0	0	0	0	2
	26 27 28		0	16	20	3	1	0	40
	29 30 31		4	28	47	23	0	0	102
	32 33 34		2	17	43	29	0	0	91
									2
		2	9	66	111	59	1	0	248
Apr.	35 36 01		7	7	11	0	0	0	25
	02 03 04		0	1	2	0	0	0	3
	05 06 07		2	1	0	0	0	0	3
	08 09 10		3	0	0	0	0	0	3
	11 12 13		0	2	0	0	0	0	2
	14 15 16		2	2	0	0	0	0	4
	17 18 19		0	3	0	0	0	0	3
	20 21 22		0	0	0	0	0	0	0
	23 24 25		1	1	0	0	0	0	2
	26 27 28		2	8	18	5	0	0	33
	29 30 31		8	25	58	12	1	0	104
	32 33 34		5	13	23	11	2	0	54
									4
		4	30	63	112	28	3	0	240

FREQUENCY ANALYSES
MACQUARIE ISLAND 1960

	Direction x 10°	Direction and Speed of Surface Wind						
		Calm	1-9	10-19	20-29	30-39	40-49	> 50	Total
May.	35 36 01		5	11	4	0	0	0	20
	02 03 04		1	0	0	0	0	0	1
	05 06 07		0	0	0	0	0	0	0
	08 09 10		0	0	0	0	0	0	0
	11 12 13		2	6	0	0	0	0	8
	14 15 16		8	17	4	0	0	0	29
	17 18 19		5	9	0	0	0	0	14
	20 21 22		5	4	1	0	0	0	10
	23 24 25		4	5	0	0	0	0	9
	26 27 28		10	14	12	7	2	0	45
	29 30 31		5	23	16	7	2	0	53
	32 33 34		2	18	27	2	2	0	51
									8
		8	47	107	64	16	6	0	248
Jun.	35 36 01		3	4	1	0	0	0	8
	02 03 04		0	0	2	0	0	0	2
	05 06 07		0	0	0	0	0	0	0
	08 09 10		0	0	0	0	0	0	0
	11 12 13		4	1	0	0	0	0	5
	14 15 16		4	4	0	0	0	0	8
	17 18 19		5	3	0	0	0	0	8
	20 21 22		3	5	0	0	0	0	8
	23 24 25		6	6	2	0	0	0	14
	26 27 28		2	18	36	11	1	0	68
	29 30 31		2	9	48	21	3	0	83
	32 33 34		8	5	10	5	1	0	29
									5
		5	37	55	99	37	5	0	238
Jul.	35 36 01		1	2	9	4	0	0	16
	02 03 04		0	0	0	0	0	0	0
	05 06 07		0	1	0	0	0	0	1
	08 09 10		0	2	0	0	0	0	2
	11 12 13		0	1	0	0	0	0	1
	14 15 16		1	1	0	0	0	0	2
	17 18 19		1	5	2	0	0	0	8
	20 21 22		2	4	0	0	0	0	6
	23 24 25		2	3	1	0	0	0	6
	26 27 28		5	15	28	14	4	0	66
	29 30 31		1	18	40	10	2	0	71
	32 33 34		2	17	35	14	0	0	68
									1
		1	15	69	115	42	6	0	248
Aug.	35 36 01		3	17	6	0	0	0	26
	02 03 04		0	1	0	0	0	0	1
	05 06 07		0	0	0	0	0	0	0
	08 09 10		0	0	0	0	0	0	0
	11 12 13		1	0	0	0	0	0	1
	14 15 16		1	2	0	0	0	0	3
	17 18 19		4	8	1	0	0	0	13
	20 21 22		3	16	1	0	0	0	20
	23 24 25		2	0	1	0	0	0	3
	26 27 28		10	14	6	0	0	0	30
	29 30 31		13	31	25	6	0	0	75
	32 33 34		2	40	24	8	0	0	74
									2
		2	39	129	64	14	0	0	248

FREQUENCY ANALYSES
MACQUARIE ISLAND 1960

	Direction x 10°	Direction and Speed of Surface Wind						
		Calm	1-9	10-19	20-29	30-39	40-49	> 50	Total
Sep.	35 36 01		1	17	4	1	0	0	23
	02 03 04		0	4	1	0	0	0	5
	05 06 07		0	0	0	0	0	0	0
	08 09 10		0	0	0	0	0	0	0
	11 12 13		2	6	0	0	0	0	8
	14 15 16		0	5	0	0	0	0	5
	17 18 19		2	5	0	0	0	0	7
	20 21 22		3	2	1	0	0	0	6
	23 24 25		2	3	0	0	0	0	5
	26 27 28		4	29	19	3	0	0	55
	29 30 31		1	20	42	12	0	0	75
	32 33 34		1	14	25	10	0	0	50
									0
		0	16	105	92	26	0	0	239
Oct.	35 36 01		3	11	7	1	0	0	22
	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		3	5	8	0	0	0	16
	17 18 19		3	5	2	0	0	0	10
	20 21 22		3	2	3	0	0	0	8
	23 24 25		1	2	0	0	0	0	3
	26 27 28		6	5	5	2	0	0	18
	29 30 31		6	16	18	11	0	0	51
	32 33 34		5	43	65	3	3	0	119
									0
		0	30	89	108	17	3	0	247
Nov.	35 36 01		5	18	13	0	0	0	36
	02 03 04		0	1	1	0	0	0	2
	05 06 07		0	0	0	0	0	0	0
	08 09 10		0	0	0	0	0	0	0
	11 12 13		2	1	0	0	0	0	3
	14 15 16		3	9	1	0	0	0	13
	17 18 19		2	5	0	2	0	0	9
	20 21 22		0	3	2	2	0	0	7
	23 24 25		4	1	0	0	0	0	5
	26 27 28		1	19	3	0	0	0	23
	29 30 31		7	23	28	3	0	0	61
	32 33 34		4	34	30	6	0	0	74
									4
		4	28	114	78	13	0	0	237
Dec.	35 36 01		1	5	4	0	0	0	10
	02 03 04		1	1	0	0	0	0	2
	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		0	0	0	0	0	0	0
	17 18 19		3	2	0	0	0	0	5
	20 21 22		1	3	0	0	0	0	4
	23 24 25		4	6	1	0	0	0	11
	26 27 28		6	2	1	1	1	1	12
	29 30 31		14	25	35	8	1	1	84
	32 33 34		17	38	45	10	3	1	114
									5
		5	47	82	86	19	5	3	247

FREQUENCY ANALYSES
MAWSON 1960

	Direction x 10°	Calm	Direction and Speed of Surface Wind 1-9	10-19	20-29	30-39	40-49	> 50	Total
Jan.	35 36 01		2	0	0	0	0	0	2
	02 03 04		0	0	0	0	0	0	0
	05 06 07		13	0	0	0	0	0	13
	08 09 10		15	17	2	0	0	0	34
	11 12 13		3	26	21	6	0	0	56
	14 15 16		6	33	28	12	4	0	83
	17 18 19		4	4	8	0	0	0	16
	20 21 22		0	0	0	0	0	0	0
	23 24 25		3	0	0	0	0	0	3
	26 27 28		16	0	0	0	0	0	16
	29 30 31		6	0	0	0	0	0	6
	32 33 34		5	0	0	0	0	0	5
									14
		14	73	80	59	18	4	0	248
Feb.	35 36 01		0	0	0	0	0	0	0
	02 03 04		2	0	0	0	0	0	2
	05 06 07		4	0	0	0	0	0	4
	08 09 10		8	2	0	0	0	0	10
	11 12 13		9	24	14	11	1	4	63
	14 15 16		11	48	66	8	2	0	135
	17 18 19		3	3	2	0	0	0	8
	20 21 22		1	0	0	0	0	0	1
	23 24 25		2	0	0	0	0	0	2
	26 27 28		1	0	0	0	0	0	1
	29 30 31		1	0	0	0	0	0	1
	32 33 34		0	0	0	0	0	0	0
									5
		5	42	77	82	19	3	4	232
Mar.	35 36 01		0	0	0	0	0	0	0
	02 03 04		0	3	0	0	0	0	3
	05 06 07		3	2	0	0	0	0	5
	08 09 10		2	7	0	0	0	0	9
	11 12 13		4	39	33	19	5	0	100
	14 15 16		19	49	39	15	0	0	122
	17 18 19		4	1	0	0	0	0	5
	20 21 22		2	0	0	0	0	0	2
	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	0
									2
		2	34	101	72	34	5	0	248
Apr.	35 36 01		0	0	0	0	0	0	0
	02 03 04		0	0	0	0	0	0	0
	05 06 07		5	0	0	0	0	0	5
	08 09 10		3	7	1	0	2	5	18
	11 12 13		6	52	56	22	7	11	154
	14 15 16		3	19	30	1	0	0	53
	17 18 19		1	0	0	0	0	0	1
	20 21 22		0	0	0	0	0	0	0
	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		0	0	0	0	0	0	0
									8
		8	19	78	87	23	9	16	240

FREQUENCY ANALYSES
MAWSON 1960

	Direction x 10°	Direction and Speed of Surface Wind						
		Calm	1-9	10-19	20-29	30-39	40-49	> 50	Total
May.	35 36 01		1	0	0	0	0	0	1
	02 03 04		0	0	0	0	0	0	0
	05 06 07		0	2	0	0	0	0	2
	08 09 10		3	3	3	0	0	0	9
	11 12 13		8	39	41	17	12	0	117
	14 15 16		3	26	15	5	0	1	50
	17 18 19		3	1	2	0	0	0	6
	20 21 22		6	1	1	0	0	0	8
	23 24 25		1	0	0	0	0	0	1
	26 27 28		1	0	0	0	0	0	1
	29 30 31		0	1	0	0	0	0	1
	32 33 34		1	0	0	0	0	0	1
									51
		51	27	73	62	22	12	1	248
Jun.	35 36 01		1	0	0	0	0	0	1
	02 03 04		1	0	0	0	0	0	1
	05 06 07		2	1	0	0	0	0	3
	08 09 10		2	0	0	0	0	0	2
	11 12 13		4	17	44	27	6	4	102
	14 15 16		11	28	20	17	0	0	76
	17 18 19		5	2	1	0	0	0	8
	20 21 22		2	2	0	0	0	0	4
	23 24 25		2	1	0	0	0	0	3
	26 27 28		1	0	0	0	0	0	1
	29 30 31		0	0	0	0	0	0	0
	32 33 34		0	0	0	0	0	0	0
									39
		39	31	51	65	44	6	4	240
Jul.	35 36 01		4	1	0	0	0	0	5
	02 03 04		0	1	0	0	0	0	1
	05 06 07		1	2	0	0	0	0	3
	08 09 10		0	0	1	0	0	0	1
	11 12 13		3	15	31	24	13	2	88
	14 15 16		4	19	30	4	3	0	60
	17 18 19		7	0	1	0	0	0	8
	20 21 22		8	0	0	0	0	0	8
	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	0
									74
		74	27	38	63	28	16	2	248
Aug.	35 36 01		0	0	0	0	0	0	0
	02 03 04		0	0	0	0	0	0	0
	05 06 07		1	0	0	0	0	0	1
	08 09 10		1	0	1	0	0	0	2
	11 12 13		1	10	49	44	12	12	128
	14 15 16		1	30	49	13	0	2	95
	17 18 19		1	0	1	0	0	0	2
	20 21 22		0	0	0	0	0	0	0
	23 24 25		2	0	0	0	0	0	2
	26 27 28		1	0	0	0	0	0	1
	29 30 31		0	0	0	0	0	0	0
	32 33 34		0	0	0	0	0	0	0
									17
		17	8	40	100	57	12	14	248

FREQUENCY ANALYSES
MAWSON 1960

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		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		1	2	0	0	0	0	3
	11 12 13		1	11	43	38	21	1	115
	14 15 16		2	18	31	26	6	1	84
	17 18 19		1	1	0	0	0	0	2
	20 21 22		1	0	0	0	0	0	1
	23 24 25		2	0	0	0	0	0	2
	26 27 28		0	1	0	0	0	0	1
	29 30 31		0	0	0	0	0	0	0
	32 33 34		1	0	0	0	0	0	1
									31
		31	9	33	74	64	27	2	240
Oct.	35 36 01		1	0	0	0	0	0	1
	02 03 04		1	2	0	0	0	0	3
	05 06 07		1	2	0	0	0	0	3
	08 09 10		2	13	4	3	0	0	22
	11 12 13		2	44	51	28	5	13	143
	14 15 16		0	11	16	4	3	1	35
	17 18 19		0	0	0	0	0	0	0
	20 21 22		0	1	0	0	0	0	1
	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	0
									40
		40	7	73	71	35	8	14	248
Nov.	35 36 01		0	0	0	0	0	0	0
	02 03 04		3	1	0	0	0	0	4
	05 06 07		1	1	0	0	0	0	2
	08 09 10		2	8	3	2	0	0	15
	11 12 13		4	40	78	31	6	3	162
	14 15 16		1	8	13	8	0	0	30
	17 18 19		0	0	0	0	0	0	0
	20 21 22		0	0	0	0	0	0	0
	23 24 25		0	0	0	0	0	0	0
	26 27 28		1	0	0	0	0	0	1
	29 30 31		0	0	0	0	0	0	0
	32 33 34		0	0	0	0	0	0	0
									26
		26	12	58	94	41	6	3	240
Dec.	35 36 01		0	0	0	0	0	0	0
	02 03 04		4	1	0	0	0	0	5
	05 06 07		2	4	1	0	0	0	7
	08 09 10		2	15	5	3	1	2	28
	11 12 13		2	23	60	50	21	8	164
	14 15 16		0	2	7	0	0	0	9
	17 18 19		0	0	0	0	0	0	0
	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	0
									35
		35	10	45	73	53	22	10	248

FREQUENCY ANALYSES
WILKES 1960

	Direction x 10°	Direction and Speed of Surface Wind						
		Calm	1-9	10-19	20-29	30-39	40-49	> 50	Total
Jan.	35 36 01		21	1	0	0	0	0	22
	02 03 04		25	10	0	0	0	0	35
	05 06 07		12	12	2	0	0	0	26
	08 09 10		12	10	15	10	4	0	51
	11 12 13		4	4	6	1	0	0	15
	14 15 16		5	3	0	0	0	0	8
	17 18 19		14	2	0	0	0	0	16
	20 21 22		10	3	0	0	0	0	13
	23 24 25		12	1	0	0	0	0	13
	26 27 28		8	0	0	0	0	0	8
	29 30 31		8	0	0	0	0	0	8
	32 33 34		16	1	0	0	0	0	17
									16
		15	147	47	23	11	4	0	248
Feb.	35 36 01		12	0	0	0	0	0	12
	02 03 04		28	4	0	0	0	0	32
	05 06 07		13	1	0	0	0	0	14
	08 09 10		15	7	3	0	0	0	25
	11 12 13		7	3	1	0	0	0	11
	14 15 16		16	4	0	0	0	0	20
	17 18 19		41	5	0	0	0	0	46
	20 21 22		16	1	0	0	0	0	17
	23 24 25		5	0	0	0	0	0	5
	26 27 28		10	1	0	0	0	0	11
	29 30 31		11	0	0	0	0	0	11
	32 33 34		9	0	0	0	0	0	9
									17
		17	183	26	4	0	0	0	230
Mar.	35 36 01		5	6	0	0	0	0	11
	02 03 04		8	8	0	0	0	0	16
	05 06 07		8	6	0	0	1	0	15
	08 09 10		25	7	11	6	0	0	49
	11 12 13		4	1	1	2	0	0	8
	14 15 16		12	6	0	0	0	0	18
	17 18 19		41	18	5	0	0	0	64
	20 21 22		10	1	0	0	0	0	11
	23 24 25		8	3	0	0	0	0	11
	26 27 28		13	1	0	0	0	0	14
	29 30 31		7	3	0	0	0	0	10
	32 33 34		6	4	0	0	0	0	10
									11
		11	147	64	17	8	1	0	248
Apr.	35 36 01		4	1	0	0	0	0	5
	02 03 04		17	2	0	0	0	0	19
	05 06 07		36	9	0	0	0	0	45
	08 09 10		18	14	8	1	0	0	41
	11 12 13		7	1	2	0	0	0	10
	14 15 16		26	0	0	0	0	0	26
	17 18 19		40	6	0	0	0	0	46
	20 21 22		9	0	0	0	0	0	9
	23 24 25		1	0	0	0	0	0	1
	26 27 28		0	0	0	0	0	0	0
	29 30 31		1	0	0	0	0	0	1
	32 33 34		3	0	0	0	0	0	3
									33
		33	162	33	10	1	0	0	239

FREQUENCY ANALYSES
WILKES 1960

	Direction x 10°	Calm	Direction and Speed of Surface Wind 1-9	10-19	20-29	30-39	40-49	> 50	Total
May.	35 36 01		6	2	0	0	0	0	8
	02 03 04		24	16	0	0	0	0	40
	05 06 07		13	5	2	0	0	0	20
	08 09 10		4	2	13	14	5	0	38
	11 12 13		5	0	1	3	0	0	9
	14 15 16		14	0	0	0	0	0	14
	17 18 19		34	19	3	0	0	0	56
	20 21 22		9	3	0	0	0	0	12
	23 24 25		0	0	0	0	0	0	0
	26 27 28		0	1	0	0	0	0	1
	29 30 31		1	1	0	0	0	0	2
	32 33 34		2	0	0	0	0	0	2
									46
		46	112	49	19	17	5	0	248
Jun.	35 36 01		1	1	0	0	0	0	2
	02 03 04		27	5	0	0	0	0	32
	05 06 07		17	5	3	0	0	0	25
	08 09 10		10	3	8	13	5	2	41
	11 12 13		6	2	1	2	0	0	11
	14 15 16		7	2	0	0	0	0	9
	17 18 19		39	7	0	0	0	0	46
	20 21 22		14	0	0	0	0	0	14
	23 24 25		1	1	0	0	0	0	2
	26 27 28		2	0	0	0	0	0	2
	29 30 31		1	1	0	0	0	0	2
	32 33 34		1	2	0	0	0	0	3
									51
		51	126	29	12	15	5	2	240
Jul.	35 36 01		4	2	0	0	0	0	6
	02 03 04		23	6	0	0	0	0	29
	05 06 07		32	7	7	1	0	0	47
	08 09 10		15	2	2	5	5	0	29
	11 12 13		13	1	1	3	4	3	25
	14 15 16		9	1	0	0	0	0	10
	17 18 19		21	3	0	0	0	0	24
	20 21 22		12	0	0	0	0	0	12
	23 24 25		6	1	0	0	0	0	7
	26 27 28		5	0	0	0	0	0	5
	29 30 31		1	2	1	0	0	0	4
	32 33 34		1	1	0	0	0	0	2
									48
		48	142	26	11	9	9	3	248
Aug.	35 36 01		2	0	0	0	0	0	2
	02 03 04		4	0	0	0	0	0	4
	05 06 07		32	5	1	0	0	0	38
	08 09 10		19	6	2	3	2	1	33
	11 12 13		16	4	6	12	20	4	62
	14 15 16		14	0	0	0	0	0	14
	17 18 19		24	8	1	0	0	0	33
	20 21 22		24	1	0	0	0	0	25
	23 24 25		3	0	0	0	0	0	3
	26 27 28		0	0	0	0	0	0	0
	29 30 31		2	2	0	0	0	0	4
	32 33 34		3	0	0	0	0	0	3
									27
		27	143	26	10	15	22	5	248

FREQUENCY ANALYSES
WILKES 1960

	Direction x 10°	Calm	Direction and Speed of Surface Wind 1-9	10-19	20-29	30-39	40-49	> 50	Total
Sep.	35 36 01		4	1	0	0	0	0	5
	02 03 04		7	7	0	0	0	0	14
	05 06 07		35	15	5	1	0	0	56
	08 09 10		29	6	7	6	4	1	53
	11 12 13		5	0	7	4	8	8	32
	14 15 16		5	3	1	0	0	0	9
	17 18 19		20	2	1	0	0	0	23
	20 21 22		12	3	0	0	0	0	15
	23 24 25		2	0	0	0	0	0	2
	26 27 28		1	0	0	0	0	0	1
	29 30 31		0	0	0	0	0	0	0
	32 33 34		2	4	0	0	0	0	6
									24
		24	122	41	21	11	12	9	240
Oct.	35 36 01		7	1	0	0	0	0	8
	02 03 04		24	20	1	0	0	0	45
	05 06 07		15	15	3	0	0	0	33
	08 09 10		6	8	7	6	9	13	49
	11 12 13		5	3	3	0	1	0	12
	14 15 16		13	3	1	1	0	0	18
	17 18 19		26	9	1	0	0	0	36
	20 21 22		2	0	0	0	0	0	2
	23 24 25		3	2	0	0	0	0	5
	26 27 28		4	4	0	0	0	0	8
	29 30 31		2	2	0	0	0	0	4
	32 33 34		2	1	0	0	0	0	3
									25
		25	109	68	16	7	10	13	248
Nov.	35 36 01		12	2	0	0	0	0	14
	02 03 04		38	19	1	1	0	0	59
	05 06 07		13	11	7	2	1	0	34
	08 09 10		11	10	18	6	3	2	50
	11 12 13		4	2	1	0	0	0	7
	14 15 16		5	0	0	0	0	0	5
	17 18 19		10	2	0	0	0	0	12
	20 21 22		12	0	0	0	0	0	12
	23 24 25		2	0	0	0	0	0	2
	26 27 28		9	0	0	0	0	0	9
	29 30 31		4	0	1	0	0	0	5
	32 33 34		5	1	0	0	0	0	6
									25
		25	125	47	28	9	4	2	240
Dec.	35 36 01		10	6	1	0	0	0	17
	02 03 04		23	27	3	0	0	0	53
	05 06 07		9	19	3	2	0	0	33
	08 09 10		12	12	7	19	5	0	55
	11 12 13		4	3	1	1	0	0	9
	14 15 16		6	2	0	0	0	0	8
	17 18 19		13	2	1	0	0	0	16
	20 21 22		8	2	0	0	0	0	10
	23 24 25		6	2	0	0	0	0	8
	26 27 28		4	1	0	1	0	0	6
	29 30 31		4	0	0	0	0	0	4
	32 33 34		8	0	0	0	0	0	8
									21
		21	107	76	16	23	5	0	248

Results of Radiosonde Observations.

Temperature at 850 mb

Upper Limit Range - °C	Jan.	Feb	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
536							1						1
533							2						2
530						1	2		1				4
527				1	2	5	8	1	1				18
524				3	10	11	13	6	7	4			54
521			3	13	19	15	18	13	13	13			107
518		1	9	19	20	22	27	18	21	19			156
515	1	1	19	26	28	26	29	26	25	26	7		214
512	2	5	29	29	31	30	30	30	29	28	23		266
509	8	18	29	29	31	30	31	30	29	29	30	4	298
506	29	27	29	29	31	30	31	30	29	29	30	4	328
503	30	27	29	29	31	30	31	30	29	29	30	4	329
000	31	27	29	29	31	30	31	30	29	29	30	4	330

Temperature at 700 mb

533				1			1			1			3
530				1	4	2	2	2		3			14
527				4	9	13	10	8	7	8			59
524		2	6	9	16	21	23	19	17	16	1		130
521	2	6	20	21	24	29	31	26	28	24	16		227
518	8	14	28	26	29	30	31	29	29	28	29	3	284
515	24	22	29	29	31	30	31	30	29	29	30	3	317
512	27	27	29	29	31	30	31	30	29	29	30	4	326
509	29	27	29	29	31	30	31	30	29	29	30	4	328
506	31	27	29	29	31	30	31	30	29	29	30	4	330

Temperature at 500 mb

548		1											1
545		1				3	1		1	2			8
542		1		2	4	13	12	9	10	3			54
539		1	6	6	15	25	22	18	14	11	1		119
536	1	3	13	14	23	30	29	25	25	21	15	1	200
533	7	7	27	20	28	30	31	30	29	27	30	1	267
530	19	13	28	26	29	31	31	30	29	28	30	3	297
527	26	24	28	28	30	31	31	30	29	29	30	4	320
524	28	27	29	29	30	31	31	30	29	29	30	4	327
521	31	27	29	29	30	31	31	30	29	29	30	4	330

Temperature at 300 mb

566						1	2	2	4				9
563						8	10	14	12	2			46
560			2	1	7	25	25	25	25	14	8		132
557		3	3	9	16	29	29	29	28	26	24		196
554	10	7	14	17	26	30	29	29	28	29	29	2	250
551	26	17	24	27	29	30	29	29	28	29	29	3	300
548	29	21	26	28	29	30	29	29	28	29	29	3	310
545	31	25	28	29	29	30	29	29	28	29	29	3	319
542	31	26	29	29	29	30	29	29	28	29	29	3	321

FREQUENCY ANALYSES
DAVIS 1960

Temperature at 200 mb

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
581									1				1
578							1	2	2				5
575							5	7	6	4			22
572							8	18	15	9	1		51
569						5	14	28	25	14	1		87
566						13	21	28	26	21	3		112
563					1	19	25	28	26	27	7		133
560					4	24	29	28	26	27	15		153
557	1			3	14	26	29	28	26	27	23		177
554	1			9	24	27	29	28	26	27	26		197
551	3	1	1	18	28	27	29	28	26	27	27	1	216
548	8	4	8	25	29	27	29	28	26	27	27	2	240
545	26	13	21	28	29	27	29	28	26	27	27	2	283
542	31	22	25	28	29	27	29	28	26	27	27	3	302
539	31	24	25	28	29	27	29	28	26	27	27	3	304

Temperature at 150 mb

581								2					2
578							2	5	1				8
575							6	12	7	1			26
572							13	22	17	6			58
569						8	18	23	18	16			83
566						15	22	23	18	18	1		97
563						23	26	23	18	24	4		118
560					8	24	27	23	18	25	7		132
557				2	20	25	27	23	18	25	11		151
554				6	26	25	27	23	18	25	14		164
551			1	17	29	25	27	23	18	25	22		187
548	5	1	7	26	29	25	27	23	18	25	23		209
545	13	12	24	26	29	25	27	23	18	25	25	2	249
542	30	24	25	26	29	25	27	23	18	25	26	3	281

Temperature at 100 mb

578								3	2				5
575						1	2	6	5				14
572						5	5	6	8				24
569						8	7	6	8	5			34
566					3	12	8	6	8	14			51
563					10	13	8	6	8	14			59
560					18	13	8	6	8	15			68
557				5	26	14	8	6	8	16	1		84
554				12	28	14	8	6	8	20	4		100
551				20	28	14	8	6	8	20	7		111
548	1		4	23	28	14	8	6	8	20	8		120
545	7	4	18	23	28	14	8	6	8	20	9		145
542	27	23	18	23	28	14	8	6	8	20	17		192
539	30	23	18	23	28	14	8	6	8	20	22	2	202

Temperature at Tropopause

584								1	1				2
581								1	1				2
578							1	2	1				4
575							2	4	3	3			12
572							5	11	5	5	1		27
569						5	9	18	11	9	2		54
566				1	1	10	14	22	14	15	5		82
563				4	4	14	20	27	20	17	12		118
560	2	2	2	9	7	23	26	29	23	23	16	2	164
557	6	8	10	15	19	28	29	29	25	26	26	2	223
554	23	14	19	22	27	30	29	29	26	26	28	2	275
551	31	20	26	28	29	30	29	29	26	27	29	3	307
548	31	23	27	29	29	30	29	29	26	27	29	3	312
545	31	24	29	29	29	30	29	29	26	27	29	3	315
542	31	25	29	29	29	30	29	29	26	27	29	3	316

FREQUENCY ANALYSES
DAVIS 1960

Geopotential at 850 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
85									1				1
90						1			1				2
95						1			4		1		6
100			6		1	2	4	2	9	1	1		26
105	1	1	17	1	3	6	9	8	19	4	2	1	72
110	1	9	21	5	12	16	19	15	27	12	9	2	148
115	13	15	24	16	19	24	28	22	29	23	20	4	237
120	21	22	26	27	22	26	30	24	29	26	26	4	283
125	27	26	28	29	30	28	31	29	29	27	30	4	318
130	31	27	28	29	31	30	31	29	29	28	30	4	327
135	31	27	28	29	31	30	31	30	29	29	30	4	329
140	31	27	28	29	31	30	31	30	29	29	30	4	329
145	31	27	28	29	31	30	31	30	29	29	30	4	329
150	31	27	29	29	31	30	31	30	29	29	30	4	330

Geopotential at 700 mb

230									1				1
235						1			3				4
240			2			1	2	2	8		1		16
245			8		3	7	6	5	15	1	1		46
250			16	1	9	12	13	13	23	3	2		92
255	1	4	18	6	14	20	24	19	28	18	10	1	163
260	3	14	24	23	19	25	28	23	29	25	18	2	233
265	14	19	27	29	25	26	29	25	29	26	24	4	277
270	24	24	29	29	29	29	31	28	29	28	29	4	313
275	29	27	29	29	31	30	31	29	29	29	30	4	327
280	30	27	29	29	31	30	31	30	29	29	30	4	329
285	31	27	29	29	31	30	31	30	29	29	30	4	330

Geopotential at 500 mb

465										1			1
470									3	1			4
475						1	2		6	1			10
480			1		2	7	4	3	11	1			29
485			9		5	11	13	10	18	4	1		71
490			15	1	10	18	23	15	23	10	1		116
495		2	19	9	14	24	27	22	29	18	7	1	172
500	1	9	24	16	19	26	29	25	29	24	16	1	219
505	5	14	26	24	25	29	30	26	29	26	21	1	256
510	15	15	29	27	28	30	31	28	29	27	29	4	292
515	23	22	29	29	28	31	31	28	29	29	30	4	313
520	27	25	29	29	30	31	31	29	29	29	30	4	323
525	28	27	29	29	30	31	31	30	29	29	30	4	327
530	29	27	29	29	30	31	31	30	29	29	30	4	328
535	31	27	29	29	30	31	31	30	29	29	30	4	330

FREQUENCY ANALYSES
DAVIS 1960

Geopotential at 300 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
790						1	1	1					3
800						1	1	1	2				5
810			1		1	6	10	6	11				35
820			7		6	16	22	14	20	4			89
830			16	6	12	25	25	23	28	16	5		156
840		8	23	16	25	29	28	24	28	26	20	1	228
850	10	12	28	25	27	30	29	27	28	28	29	2	275
860	18	17	29	27	28	30	29	29	28	29	29	3	296
870	27	25	29	29	29	30	29	29	28	29	29	3	316
880	29	26	29	29	29	30	29	29	28	29	29	3	319
890	31	26	29	29	29	30	29	29	28	29	29	3	321

Geopotential at 200 mb

1030											1		1
1040									3		1		4
1050							2	3	9		1		15
1060						7	14	9	16		1		47
1070			1		2	17	24	19	24	8	1		96
1080			1		6	26	28	23	26	18	5		133
1090			9	7	18	27	29	26	26	25	14		181
1100		3	18	16	25	27	29	28	26	26	24	1	223
1110	4	8	24	24	28	27	29	28	26	27	27	2	254
1120	13	14	25	27	28	27	29	28	26	27	27	3	274
1130	25	20	25	28	29	27	29	28	26	27	27	3	294
1140	29	24	25	28	29	27	29	28	26	27	27	3	302
1150	31	24	25	28	29	27	29	28	26	27	27	3	304

Geopotential at 150 mb

1210									4				4
1220							1	2	9				12
1230			1			1	10	11	14	1			38
1240			1			10	22	16	16	6			71
1250			1		1	20	26	19	18	18			103
1260			2		6	24	27	21	18	22	7		127
1270			2		17	25	27	23	18	24	14		150
1280			8	9	25	25	27	23	18	25	21		181
1290		2	19	16	28	25	27	23	18	25	25		208
1300	2	5	24	24	28	25	27	23	18	25	25	3	229
1310	11	12	25	26	29	25	27	23	18	25	26	3	250
1320	23	20	25	26	29	25	27	23	18	25	26	3	270
1330	28	24	25	26	29	25	27	23	18	25	26	3	279
1340	30	24	25	26	29	25	27	23	18	25	26	3	281

FREQUENCY ANALYSES
DAVIS 1960

Geopotential at 100 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1440									1				1
1450									4	1			5
1460							1	4	6	1			12
1470						1	3	4	7	2			17
1480						5	6	4	8	5			28
1490						7	8	4	8	13			40
1500					1	11	8	5	8	17			50
1510					6	13	8	6	8	17	1		59
1520			1		13	14	8	6	8	20	7		77
1530			1		18	14	8	6	8	20	9		84
1540			1	7	25	14	8	6	8	20	11		100
1550			7	18	27	14	8	6	8	20	18		126
1560		2	14	21	28	14	8	6	8	20	21		142
1570		6	18	23	28	14	8	6	8	20	21	2	154
1580	10	11	18	23	28	14	8	6	8	20	22	2	170
1590	23	18	18	23	28	14	8	6	8	20	22	2	190
1600	28	23	18	23	28	14	8	6	8	20	22	2	200
1610	30	23	18	23	28	14	8	6	8	20	22	2	202

Geopotential at Tropopause

650			2	1						1			4
700			2	2	1	2	1	1	1	1	1		12
750		2	7	6	6	7	4	1	6	1	5	1	44
800	1	6	13	9	11	11	7	2	9	3	9	2	83
850	8	9	25	15	21	18	13	8	13	8	13	2	153
900	22	19	27	21	24	22	21	9	15	11	15	2	208
950	26	21	28	24	27	27	24	16	20	17	25	3	258
1000	29	23	29	26	29	30	27	21	24	20	28	3	289
1050	31	25	29	28	29	30	28	24	25	23	29	3	304
1100	31	25	29	29	29	30	29	28	26	27	29	3	315
1150	31	25	29	29	29	30	29	29	26	27	29	3	316

Pressure at Tropopause

Upper Limit Range - mb													
200							1	4	1	4			10
250	3	2		5	2	4	8	14	9	11	6		64
300	26	18	14	19	15	19	22	27	18	24	20	2	224
350	31	23	25	25	24	27	28	28	25	26	27	2	291
400	31	25	29	29	29	30	29	29	26	27	29	3	316

FREQUENCY ANALYSES
MACQUARIE ISLAND 1960

Temperature at 850 mb

Upper Limit Range °C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
512					1		1	2					4
509				1	4	6	5	3	5	2	1		27
506		2	4	3	9	12	10	8	13	7	11	3	82
503	6	11	11	9	11	16	16	24	22	13	16	18	173
000	21	19	21	17	16	27	28	31	27	23	28	22	280
003	26	28	27	22	26	30	31	31	28	27	29	28	333
006	29	28	29	29	28	30	31	31	30	29	29	30	353
009	29	28	29	29	28	30	31	31	30	31	30	31	357
012	30	29	30	29	28	30	31	31	30	31	30	31	360

Temperature at 700 mb

521						2	2		1				5
518					1	5	3		3	2	1		15
515		3	2	1	3	8	7	5	6	2	7	3	47
512	2	6	6	7	8	11	15	13	18	7	11	11	115
509	12	11	11	12	13	19	26	29	24	16	22	17	212
506	19	19	15	21	23	29	31	31	27	25	26	25	291
503	25	27	27	28	28	30	31	31	30	30	28	29	344
000	28	29	29	29	28	30	31	31	30	31	30	30	356
003	30	29	30	29	28	30	31	31	30	31	30	31	360

Temperature at 500 mb

539									1				1
536					1	1	1		1				4
533		1		3	1	2	5	2	3	2	2	2	23
530		2	3	3	2	8	12	10	14	4	6	8	72
527	6	10	4	8	8	16	18	27	20	11	18	12	158
524	12	11	9	12	19	28	29	30	26	23	23	19	241
521	17	21	18	22	27	30	31	31	28	26	27	24	302
518	23	23	24	28	28	30	31	31	30	31	29	27	335
515	29	28	30	29	28	30	31	31	30	31	30	31	358
512	30	29	30	29	28	30	31	31	30	31	30	31	360

Temperature at 300 mb

560							1	3					4
557					3	6	7	15	3	1	1		36
554	3	2	2	5	10	17	23	26	20	8	3	2	121
551	7	3	6	15	21	28	28	30	26	16	9	8	197
548	18	12	21	18	24	29	30	30	29	23	21	17	272
545	23	23	24	26	26	29	30	31	29	29	27	23	320
542	27	27	29	29	26	29	30	31	29	29	30	28	344
539	28	28	30	29	26	29	30	31	29	29	30	28	347
536	29	29	30	29	26	29	30	31	29	29	30	28	349
533	29	29	30	29	26	29	30	31	29	29	30	29	350

FREQUENCY ANALYSES
MACQUARIE ISLAND 1960

Temperature at 200 mb

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
572						1							1
569			1		1	2	7	4	3				18
566			3		7	9	8	9	5	1		1	43
563		1	7	4	10	10	12	16	9	4	1	4	78
560	4	1	9	8	12	17	15	18	10	5	1	5	105
557	6	3	12	14	15	20	21	26	14	10	5	6	152
554	8	7	16	17	19	23	26	31	21	14	6	9	197
551	12	11	23	22	21	27	28	31	26	17	9	12	239
548	19	16	26	25	23	28	30	31	27	22	13	16	276
545	27	22	29	28	24	29	30	31	29	26	20	18	313
542	27	27	30	28	24	29	30	31	29	29	26	22	332
539	27	28	30	29	24	29	30	31	29	29	29	24	339
536	27	29	30	29	24	29	30	31	29	29	29	25	341

Temperature at 150 mb

569				1									1
566				1		1		1					3
563				1	2	4	3	7	1			1	19
560		1	3	2	8	5	7	14	4	1		1	46
557	3	2	9	11	11	14	12	24	8	4	1	2	101
554	6	4	14	17	18	20	19	31	19	11	4	8	171
551	13	9	24	23	21	26	24	31	25	15	8	10	225
548	24	18	30	26	23	29	26	31	26	24	15	18	290
545	27	24	30	27	24	29	26	31	28	25	23	20	314
542	28	26	30	27	24	29	26	31	28	28	27	24	328
539	28	27	30	28	24	29	26	31	28	28	29	24	332
536	28	28	30	28	24	29	26	31	28	28	29	24	333

Temperature at 100 mb

566						1		1					2
563						2	2	6					10
560		1			4	2	5	15					27
557		2	3	11	10	11	11	23	3	3		1	78
554	4	4	16	17	17	20	18	30	9	7		3	145
551	13	12	22	25	20	24	21	30	19	12	4	7	209
548	21	22	26	27	21	26	23	30	24	21	12	16	269
545	26	24	27	27	21	26	23	30	26	26	20	20	296
542	26	24	27	28	21	26	23	30	26	27	26	20	304
539	26	24	27	28	21	26	23	30	26	27	25	20	304
536	26	26	27	28	21	26	23	30	26	27	26	20	306

Temperaiure at Tropopause

575								1					1
572	1				1	2	1	3	1			1	10
569	1		1		4	5	6	5	4	1		1	28
566	1		4	4	12	12	11	13	6	3	1	2	69
563	3	2	9	9	14	17	17	20	12	5	3	4	115
560	6	4	10	14	19	20	22	26	17	12	6	7	163
557	7	10	18	19	20	24	25	30	21	19	8	8	209
554	14	14	24	21	22	25	29	31	26	23	15	13	257
551	24	17	25	23	23	28	29	31	29	23	19	16	287
548	28	25	28	24	24	29	29	31	29	26	25	19	317
545	28	28	30	28	24	29	29	31	29	28	28	22	334
542	28	29	30	29	24	29	29	31	29	29	29	23	339
539	28	29	30	29	24	29	29	31	29	29	29	23	339
536	28	29	30	29	24	29	29	31	29	29	29	23	339
533	28	29	30	29	24	29	29	31	29	29	29	23	339
530	28	29	30	29	24	29	29	31	29	29	29	24	340

FREQUENCY ANALYSES
MACQUARIE ISLAND 1960

Geopotential at 850 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
105	2				1				1			1	5
110	2	1		1	1		1		2			2	10
115	4	2	1	4	2		2		2		1	2	20
120	5	4	4	5	5	2	9	1	4	1	6	5	51
125	8	10	4	7	10	4	13	1	6	7	12	10	92
130	14	17	8	11	11	10	15	5	9	13	17	15	145
135	25	22	17	13	15	14	18	12	18	19	24	19	216
140	28	27	21	16	18	20	23	19	24	28	27	24	275
145	30	29	25	25	21	25	27	29	27	31	27	30	326
150	30	29	28	29	26	28	31	31	30	31	30	31	354
155	30	29	30	29	27	30	31	31	30	31	30	31	359
160	30	29	30	29	28	30	31	31	30	31	30	31	360

Geopotential at 700 mb

255				1	1				1			1	4
260	2			1	2		1		2			1	9
265	2	2		3	2		3		4		1	3	20
270	4	3	1	5	4	3	10	1	4	2	6	5	48
275	7	9	5	5	8	5	13	1	6	5	12	7	83
280	12	13	6	10	11	8	16	4	10	9	15	11	125
285	17	19	13	12	11	14	17	11	18	17	23	14	186
290	24	25	19	14	16	18	21	18	23	22	25	18	243
295	28	28	23	19	19	24	26	27	26	28	27	27	302
300	30	29	27	27	22	26	30	30	28	31	30	30	340
305	30	29	28	29	26	29	31	31	30	31	30	31	355
310	30	29	30	29	28	30	31	31	30	31	30	31	360

Geopotential at 500 mb

500					1		1						2
505				1	2	1	1		4			1	10
510	2			1	2	1	3		4		1	2	16
515	2	1		2	3	3	7	1	4	2	2	4	31
520	2	4	3	5	5	3	10	1	4	3	9	7	56
525	4	7	5	7	8	5	14	2	7	5	11	8	83
530	8	11	6	8	10	8	14	6	13	8	16	10	118
535	14	15	9	9	12	14	19	14	16	14	21	14	171
540	18	19	12	14	14	17	22	20	21	17	23	19	216
545	21	23	16	16	18	20	25	24	25	24	25	20	257
550	25	25	21	20	19	26	28	29	26	28	26	27	300
555	29	27	24	24	23	27	31	31	27	30	28	27	328
560	29	29	28	29	25	29	31	31	30	31	30	31	353
565	30	29	30	29	28	30	31	31	30	31	30	31	360

Geopotential at 300 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
840					1		1		1				3
850				1	2	1	1		4				9
860	2	2	1	1	2	3	6	1	5	2	3	2	30
870	2	4	3	4	5	5	10	4	10	3	10	6	66
880	6	10	6	9	9	10	18	15	16	8	16	10	133
890	17	14	10	11	13	18	21	24	24	12	21	15	200
900	19	20	14	15	17	26	29	30	26	22	25	20	263
910	23	24	21	22	23	29	30	31	27	28	28	23	309
920	27	27	26	29	26	29	30	31	29	29	29	29	341
930	29	29	30	29	26	29	30	31	29	29	30	29	350

Geopotential at 200 mb

1100							1						1
1110					1	1	3		4				9
1120				1	3	2	9	2	7	2			26
1130	1	1	1	4	7	6	15	13	13	3	5	2	71
1140	2	6	5	9	9	17	21	24	19	5	14	6	137
1150	11	13	9	13	15	25	28	29	25	15	15	9	207
1160	17	19	15	20	21	29	30	30	27	24	24	16	272
1170	20	23	23	24	23	29	30	31	29	28	27	22	309
1180	24	26	28	28	24	29	30	31	29	29	29	25	332
1190	27	27	30	28	24	29	30	31	29	29	29	25	338
1200	27	29	30	29	24	29	30	31	29	29	29	25	341

Geopotential at 150 mb

1290							2		1				3
1300					1	1	8	6	6				22
1310				2	6	8	14	14	11	1			56
1320	2		1	5	11	17	20	26	19	5	4	1	111
1330	3	4	4	11	16	24	26	30	24	11	14	4	171
1340	12	13	13	17	21	28	26	30	27	18	15	9	229
1350	19	20	20	24	24	29	26	31	28	25	27	19	292
1360	25	24	28	27	24	29	26	31	28	28	29	23	322
1370	28	26	30	27	24	29	26	31	28	28	29	24	330
1380	28	27	30	27	24	29	26	31	28	28	29	24	331
1390	28	28	30	28	24	29	26	31	28	28	29	24	333

FREQUENCY ANALYSES
MACQUARIE ISLAND 1960

Geopotential at 100 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1530							1						1
1540							1						1
1550						1	3	4					8
1560					1	2	11	9	3				26
1570					5	9	15	21	12	1			63
1580			1	6	11	17	18	26	19	3	1		102
1590	2		1	10	17	23	23	29	22	8	5	1	141
1600	9	5	13	20	20	25	23	29	25	16	12	3	200
1610	17	18	22	27	21	26	23	30	26	21	15	14	260
1620	24	21	27	27	21	26	23	30	26	26	26	19	296
1630	26	24	27	27	21	26	23	30	26	27	26	20	303
1640	26	24	27	27	21	26	23	30	26	27	26	20	303
1650	26	25	27	27	21	26	23	30	26	27	26	20	304
1660	26	25	27	27	21	26	23	30	26	27	26	20	304
1670	26	26	27	28	21	26	23	30	26	27	26	20	306

Geopotential at Tropopause

550												1	1
600												1	1
650				1								1	2
700				1						1	1	1	4
750			1	2		2			2	2	4	3	16
800		2	2	4	1	3			2	4	8	4	30
850	3	4	2	4	2	4	1		4	6	12	5	47
900	8	11	6	8	5	7	5	3	6	9	14	8	90
950	11	12	7	12	7	8	8	6	12	12	18	12	125
1000	13	15	9	13	9	11	17	13	20	18	21	15	174
1050	18	19	17	17	11	19	21	20	21	23	23	17	226
1100	22	25	21	24	17	24	25	26	25	26	27	19	281
1150	23	27	23	25	21	29	29	28	28	28	28	20	309
1200	26	27	29	29	24	29	29	29	29	29	29	23	332
1250	26	27	30	29	24	29	29	29	29	29	29	24	334
1300	27	28	30	29	24	29	29	31	29	29	29	24	338
1350	28	28	30	29	24	29	29	31	29	29	29	24	339
1400	28	28	30	29	24	29	29	31	29	29	29	24	339
1450	28	28	30	29	24	29	29	31	29	29	29	24	339
1500	28	28	30	29	24	29	29	31	29	29	29	24	339
1550	28	29	30	29	24	29	29	31	29	29	29	24	340

Pressure at Tropopause

Upper Limit Range - mb	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
150		1											1
200	5	2	7	4	4	1	1	3	2	1	1	4	35
250	14	13	20	16	16	18	18	19	12	10	8	10	174
300	25	25	28	25	23	25	29	31	26	22	17	19	295
350	28	29	29	27	24	28	29	31	27	26	24	21	323
400	28	29	30	28	24	29	29	31	29	29	29	23	338
450	28	29	30	29	24	29	29	31	29	29	29	23	339
500	28	29	30	29	24	29	29	31	29	29	29	24	340

Results of Radiosonde Observations.

Temperature at 850 mb

Upper Limit Range -°C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
530					1	6	3	3					13
527				2	1	13	7	8	5	3			39
524			1	8	10	20	12	14	11	8			84
521			3	17	17	22	19	20	17	14			129
518			10	23	22	26	22	24	22	23			172
515			17	24	26	26	25	25	23	25	12		203
512		5	19	24	28	26	25	25	23	25	24	7	231
509	3	6	20	24	28	26	25	25	23	26	26	21	253
506	7	6	21	24	28	26	25	25	23	27	26	25	263
503	7	7	21	24	28	26	25	25	23	27	26	25	264

Temperature at 700 mb

533					1	1	1						3
530					6	2	4	4		2			18
527			1	1	11	12	13	10	8	10	1		67
524		1	2	9	15	22	20	19	20	19	8		135
521	2	3	11	16	18	26	23	25	23	21	21	9	198
518	3	5	19	23	25	26	25	25	23	26	26	18	244
515	6	6	20	24	28	26	25	25	23	27	26	24	260
512	6	6	21	24	28	26	25	25	23	27	26	25	262
509	7	7	21	24	28	26	25	25	23	27	26	25	264

Temperature at 500 mb

545						2	1		1				4
542					4	9	8	7	3	3			34
539			2	3	8	16	20	16	15	12	4		96
536			10	13	15	26	23	21	22	19	21	6	176
533	1	3	16	17	22	26	25	22	23	23	26	13	217
530	4	5	20	22	23	26	25	23	23	26	26	20	243
527	6	5	21	24	25	26	25	25	23	26	26	23	255
524	6	7	21	24	27	26	25	25	23	27	26	25	262
521	7	7	21	24	27	26	25	25	23	27	26	25	263

Temperature at 300 mb

566							2	2	3				7
563						11	6	12	10	2			41
560			1	2	4	21	23	22	21	13	9		116
557			2	10	14	26	25	25	23	23	20	1	169
554		1	13	18	24	26	25	25	23	27	26	13	221
551	5	5	17	22	26	26	25	25	23	27	26	18	245
548	6	5	19	23	27	26	25	25	23	27	26	24	256
545	7	6	21	24	27	26	25	25	23	27	26	25	262

FREQUENCY ANALYSES
MAWSON 1960

Temperature at 200 mb

Upper Limit Range °C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
578							1	3	2				6
575							2	10	9	4			25
572						2	6	16	14	4			42
569					2	8	8	22	20	17			77
566					2	12	15	25	23	22	1		100
563					2	17	23	25	23	27	4		121
560					9	22	25	25	23	27	11		142
557	1			2	16	26	25	25	23	27	19		164
554	1		1	8	25	26	25	25	23	27	26		187
551	1	3	3	19	26	26	25	25	23	27	26	3	207
548	3	3	7	20	26	26	25	25	23	27	26	9	220
545	6	4	17	24	26	26	25	25	23	27	26	22	251
542	7	6	20	24	26	26	25	25	23	27	26	24	259

Temperature at 150 mb

581								1					1
578								4	3	1			8
575							2	11	12	2			27
572						2	9	17	18	6			52
569						8	15	19	21	16	1		80
566						14	23	20	21	22	2		102
563						20	25	20	21	26	3		115
560					8	24	25	20	21	26	4		128
557				3	21	25	25	20	21	26	9		150
554				8	26	26	25	20	21	26	17		169
551	1		4	16	26	26	25	20	21	26	26	1	192
548	1	1	10	20	26	26	25	20	21	26	26	1	203
545	3	4	20	22	26	26	25	20	21	26	26	8	227
542	7	6	20	22	26	26	25	20	21	26	26	22	247
539	7	6	20	22	26	26	25	20	21	26	26	23	248

Temperature at 100 mb

581								1					1
578						1	3	1	1				6
575						4	4	2	5				15
572						13	11	3	8	1			36
569						15	16	4	8	8			51
566						19	16	4	8	16			63
563					10	23	16	4	8	19			80
560				1	18	24	16	4	8	22	2		95
557				6	25	25	16	4	8	24	3		111
554			1	11	26	25	16	4	8	24	5		120
551			4	19	26	25	16	4	8	24	8		134
548	1		13	20	26	25	16	4	8	24	12		149
545	3	4	19	20	26	25	16	4	8	24	18		167
542	6	6	20	20	26	25	16	4	8	24	25	14	194
539	7	6	20	20	26	25	16	4	8	24	26	23	205

Temperature at Tropopause

581								1		1			2
578							1	3	1	1			6
575							2	5	7	3			17
572						1	5	11	14	5			36
569					2	7	8	13	15	12	1		58
566					4	12	14	14	21	18	3		86
563				3	12	21	19	17	21	23	9		125
560	1	1	2	7	16	24	24	17	21	25	17	2	157
557	1	2	7	15	22	26	24	17	21	26	21	7	189
554	2	4	16	19	26	26	24	17	21	26	26	15	222
551	5	6	20	22	26	26	24	17	21	26	26	21	240
548	5	6	21	22	26	26	24	17	21	26	26	23	243
545	5	6	21	24	26	26	24	17	21	26	26	24	246

FREQUENCY ANALYSES
MAWSON 1960

Geopotential at 850 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
95									2				2
100			1			2	1	1	6	1	1		13
105			5	1		3	4	5	9	4	2	1	34
110		1	12	1	7	7	7	11	19	7	9	6	87
115	1	2	15	10	14	18	19	20	22	19	16	11	167
120	2	3	18	20	21	21	23	20	23	23	23	18	215
125	6	5	20	24	25	26	25	23	23	24	26	24	251
130	6	7	21	24	27	26	25	24	23	26	26	25	260
135	7	7	21	24	28	26	25	25	23	27	26	25	264

Geopotential at 700 mb

235									1				1
240							1	1	4				6
245			2		1	3	4	3	8	2	1		24
250			8		6	7	9	12	17	5	3	1	68
255		1	13	4	12	14	17	20	22	14	11	4	132
260	1	2	15	17	15	21	21	20	23	20	17	8	180
265	2	3	17	21	22	26	23	22	23	24	24	17	224
270	5	4	19	24	25	26	25	24	23	25	26	24	250
275	6	7	20	24	27	26	25	25	23	26	26	25	260
280	6	7	21	24	28	26	25	25	23	27	26	25	263
285	7	7	21	24	28	26	25	25	23	27	26	25	264

Geopotential at 500 mb

470									1				1
475									3				3
480					1	2	4	4	6				17
485					4	8	8	10	15	2	1		48
490			6		8	13	15	18	19	12	3	1	95
495		1	11	8	12	18	19	20	22	16	10	2	139
500	1	2	14	14	17	24	22	20	23	21	16	4	178
505	1	2	17	19	18	26	22	23	23	23	25	13	212
510	1	3	17	23	23	26	25	23	23	25	25	18	232
515	5	5	19	24	25	26	25	24	23	25	26	24	251
520	5	6	20	24	26	26	25	25	23	25	26	25	256
525	6	7	20	24	26	26	25	25	23	27	26	25	260
530	6	7	21	24	27	26	25	25	23	27	26	25	262
535	6	7	21	24	27	26	25	25	23	27	26	25	262
540	7	7	21	24	27	26	25	25	23	27	26	25	263

FREQUENCY ANALYSES
MAWSON 1960

Geopotential at 300 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
800									1				1
810						3	3	5	8				19
820					4	13	14	16	16	5	2		70
830			8	7	10	21	22	20	22	16	11	1	138
840	1	1	15	13	17	26	22	22	23	23	23	4	190
850	1	2	17	19	20	26	25	23	23	24	25	15	220
860	3	4	20	24	24	26	25	24	23	25	26	24	248
870	6	4	20	24	26	26	25	25	23	26	26	24	255
880	6	6	21	24	27	26	25	25	23	27	26	25	261
890	6	6	21	24	27	26	25	25	23	27	26	25	261
900	7	6	21	24	27	26	25	25	23	27	26	25	262

Geopotential at 200 mb

1050							1	2	5				8
1060						5	7	14	15				41
1070					2	15	17	20	21	12			87
1080					8	23	22	22	22	21	8		126
1090			1	7	13	26	24	23	23	24	17		158
1100			11	12	17	26	25	24	23	25	25	3	191
1110	1	2	16	21	23	26	25	25	23	25	26	9	222
1120	2	3	19	24	25	26	25	25	23	27	26	20	245
1130	5	4	20	24	26	26	25	25	23	27	26	24	255
1140	6	6	20	24	26	26	25	25	23	27	26	24	258
1150	6	6	20	24	26	26	25	25	23	27	26	24	258
1160	7	6	20	24	26	26	25	25	23	27	26	24	259

Geopotential at 150 mb

1210									2				2
1220							1	4	7				12
1230						2	5	14	16				37
1240						11	13	16	19	6			65
1250					2	18	21	17	20	16	3		97
1260					7	25	25	18	21	24	8		128
1270				1	13	26	25	19	21	24	17		146
1280				6	16	26	25	20	21	24	23		161
1290			8	14	23	26	25	20	21	26	26	1	190
1300	1	2	16	19	26	26	25	20	21	26	26	7	215
1310	2	3	19	22	26	26	25	20	21	26	26	16	232
1320	5	3	20	22	26	26	25	20	21	26	26	23	243
1330	5	6	20	22	26	26	25	20	21	26	26	23	246
1340	7	6	20	22	26	26	25	20	21	26	26	23	248

FREQUENCY ANALYSES
MAWSON 1960

Geopotential at 100 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1460								2	3				5
1470						4	2	2	6				14
1480						9	6	2	6	4			27
1490						15	15	3	7	11			51
1500					2	20	16	3	8	18	3		70
1510					7	23	16	4	8	22	3		83
1520					10	24	16	4	8	22	7		91
1530				1	15	25	16	4	8	24	10		103
1540				8	21	25	16	4	8	24	20		126
1550			2	14	26	25	16	4	8	24	25		144
1560			12	16	26	25	16	4	8	24	26	1	158
1570		1	18	20	26	25	16	4	8	24	26	5	173
1580	1	3	20	20	26	25	16	4	8	24	26	14	187
1590	4	4	20	20	26	25	16	4	8	24	26	23	200
1600	5	6	20	20	26	25	16	4	8	24	26	23	203
1610	7	6	20	20	26	25	16	4	8	24	26	23	205

Geopotential at Tropopause

700				1									1
750			1	2	1							1	5
800			9	4	2	1	1				3	4	24
850	1	1	15	9	7	6	7	3		2	12	12	75
900	3	2	18	18	9	13	12	4	3	4	16	19	121
950	4	5	20	22	13	19	16	5	7	9	19	22	161
1000	4	6	21	23	19	26	18	9	13	15	26	23	203
1050	4	6	21	24	23	26	20	10	15	19	26	24	218
1100	4	6	21	24	25	26	24	14	19	23	26	24	236
1150	5	6	21	24	25	26	24	15	19	24	26	24	239
1200	5	6	21	24	26	26	24	16	20	26	26	24	244
1250	5	6	21	24	26	26	24	17	21	26	26	24	246

Pressure at Tropopause

Upper Limit Range - mb	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
200					1		4	7	6	7			25
250	1	2		2	13	9	10	12	18	20	6	1	94
300	5	6	9	18	23	25	23	17	21	26	23	17	213
350	5	6	21	23	26	26	24	17	21	26	26	23	244
400	5	6	21	24	26	26	24	17	21	26	26	24	246

FREQUENCY ANALYSES
WILKES 1960

Results of Radiosonde Observations.

Observations. 1130 Hours

Temperature at 850 mb

Upper Limit Range °C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
533							1						1
530						1	3		2				6
527					1	3	10		2				16
524					4	5	14	2	5	2			32
521				4	9	7	17	6	8	6			57
518			5	13	13	10	21	11	13	9	1		96
515		1	10	17	23	17	22	16	19	15	3		143
512		4	18	23	27	27	27	25	24	25	15		215
509	13	14	24	28	29	28	28	26	28	26	26	11	281
506	23	26	27	30	29	29	28	26	28	26	30	24	326
503	30	29	28	30	30	29	28	26	28	26	30	29	343
000	31	29	28	30	30	29	28	26	28	26	30	29	344

Temperature at 700 mb

530							5						5
527						1	16	2	3	1			23
524			2	9	3	6	19	10	11	8	2	1	71
521		1	14	21	21	25	25	21	26	23	9	1	187
518	7	10	24	27	28	28	25	26	27	26	24	10	262
515	19	22	28	29	29	29	27	26	28	26	30	23	316
512	26	28	28	30	30	29	27	26	28	26	30	29	337
509	31	29	28	30	30	29	28	26	28	26	30	29	344

Temperature at 500 mb

548									1				1
545							5		1				6
542				2	1	2	13	3	4	1			26
539			2	9	8	14	18	13	15	10	1		90
536			14	15	17	23	21	22	23	22	10	3	170
533	6	3	23	21	25	26	25	24	26	25	19	7	230
530	14	16	26	28	29	28	27	25	28	26	26	16	289
527	23	27	28	29	30	29	27	26	28	26	29	27	329
524	29	29	28	30	30	29	28	26	28	26	30	29	342
521	31	29	28	30	30	29	28	26	28	26	30	29	344

Temperature at 300 mb

566									2	1			3
563							3	3	6	4			16
560					2	9	11	15	18	16			71
557			2	4	10	24	22	23	25	24	4	1	139
554	5	5	7	15	21	28	28	26	27	26	17	6	211
551	20	19	17	19	25	28	28	26	28	26	25	18	279
548	30	26	24	28	29	29	28	26	28	26	29	25	328
545	30	27	26	30	30	29	28	26	28	26	30	27	337
542	31	29	28	30	30	29	28	26	28	26	30	29	344

FREQUENCY ANALYSES
WILKES 1960

Temperature at 200 mb

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
575						1	1	1	1				4
572						2	4	4	4				14
569						2	7	14	12	2			37
566					1	4	13	21	22	15			76
563					2	9	18	25	26	21			101
560					3	19	22	25	27	23	2		121
557				1	6	23	28	26	28	26	10	1	149
554	1			4	13	28	28	26	28	26	12	2	168
551	3	1		9	25	28	28	26	28	26	18	11	203
548	5	3	3	20	29	29	28	26	28	26	23	17	237
545	18	16	18	28	30	29	28	26	28	26	28	22	297
542	29	29	25	30	30	29	28	26	28	26	30	27	337
539	29	29	28	30	30	29	28	26	28	26	30	29	342

Temperature at 150 mb

578								1					1
575						1		2	1				4
572						1	3	7	7				18
569						2	12	17	16	2			49
566						4	15	24	22	10			75
563						10	21	24	27	19			101
560					2	20	26	25	27	22			122
557					7	24	28	25	28	23	2		137
554				3	19	26	28	25	28	25	5		159
551				10	27	28	28	25	28	26	10	1	183
548			6	22	30	29	28	25	28	26	13	2	209
545	4	8	22	30	30	29	28	25	28	26	19	12	261
542	24	29	28	30	30	29	28	25	28	26	25	21	323
539	29	29	28	30	30	29	28	25	28	26	30	28	340
536	29	29	28	30	30	29	28	25	28	26	30	29	341

Temperature at 100 mb

575						1	4	4	1				10
572						2	12	16	7				37
569						6	15	23	15	1			60
566						13	23	24	23	5			88
563					3	17	26	24	25	9			104
560					7	24	28	24	25	15			123
557				1	18	26	28	24	25	18			140
554				9	25	26	28	24	25	21			158
551			2	16	30	29	28	24	25	22			176
548			10	27	30	29	28	24	25	23	3		199
545		4	23	30	30	29	28	24	25	26	5		224
542	13	28	27	30	30	29	28	24	25	26	12	3	275
539	29	29	27	30	30	29	28	24	25	26	23	22	322
536	29	29	27	30	30	29	28	24	25	26	29	26	332
533	29	29	27	30	30	29	28	24	25	26	30	29	336

Temperature at Tropopause

581								1					1
578								1					1
575						2		3	2				7
572						2	4	6	4				16
569						3	7	13	11	4			38
566					2	6	12	17	19	9			65
563	1			3	3	16	18	24	23	19	1	1	109
560	2		1	4	8	26	20	25	26	24	11	5	152
557	5	3	3	9	17	29	26	26	27	26	16	9	196
554	18	13	16	17	23	29	27	26	28	26	22	16	261
551	28	26	21	23	29	29	28	26	28	26	27	22	313
548	31	28	26	28	30	29	28	26	28	26	29	27	336
545	31	29	27	30	30	29	28	26	28	26	29	28	341
542	31	29	27	30	30	29	28	26	28	26	30	28	342
539	31	29	27	30	30	29	28	26	28	26	30	29	343

Geopotential at 850 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
90							1						1
95			6	2	1		1		4			1	15
100			8	2	2	4	4	2	12	1		2	37
105		1	20	4	8	7	10	9	22	4		4	89
110	4	7	23	11	16	10	16	15	25	16	11	6	160
115	18	21	25	25	21	21	20	21	27	22	21	15	257
120	27	29	26	28	27	26	23	26	28	23	27	20	310
125	31	29	28	30	30	28	27	26	28	25	30	29	341
130	31	29	28	30	30	29	28	26	28	26	30	29	344

Geopotential at 700 mb

230							1						1
235					1		1		1				3
240			4	2	1	1	5		5			1	19
245			9	2	2	4	8	4	18	2		1	50
250			17	4	9	5	15	9	23	6		2	90
255		4	22	12	16	13	18	15	27	18	11	4	160
260	7	12	25	23	20	21	19	23	28	23	18	12	231
265	23	23	26	28	28	26	24	25	28	23	23	18	295
270	27	29	28	29	29	29	25	26	28	25	30	23	328
275	31	29	28	30	30	29	27	26	28	26	30	29	343
280	31	29	28	30	30	29	28	26	28	26	30	29	344

Geopotential at 500 mb

465							1						1
470							3		1				4
475					1		6		2				9
480			3		1	1	10		8				23
485			10	2	3	4	13	4	19	2			57
490			14	5	8	8	18	10	22	9		1	95
495			24	11	14	11	18	18	24	22	9	2	153
500		3	24	24	21	22	21	23	27	22	11	5	203
505	5	11	26	28	26	24	24	23	27	23	17	11	245
510	17	23	27	28	29	28	24	26	28	25	28	18	301
515	24	26	28	28	30	29	26	26	28	26	30	21	322
520	28	28	28	29	30	29	27	26	28	26	30	27	336
525	30	29	28	30	30	29	27	26	28	26	30	29	342
530	31	29	28	30	30	29	28	26	28	26	30	29	344

Geopotential at 300 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul	Aug.	Sep.	Oct	Nov.	Dec.	Total
800							3						3
810						1	12		4				17
820			4	1	2	6	15	7	19	5			59
830			14	7	9	15	19	20	25	19	2		130
840			24	25	24	24	23	23	26	24	10	3	206
850	10	8	26	28	28	27	24	24	28	26	22	12	263
860	19	24	28	28	30	28	26	26	28	26	29	20	312
870	28	28	28	29	30	29	27	26	28	26	30	28	337
880	30	29	28	30	30	29	28	26	28	26	30	29	343
890	31	29	28	30	30	29	28	26	28	26	30	29	344

Geopotential at 200 mb

1050							3		1				4
1060						1	11	1	12				25
1070						3	16	12	21	7			59
1080					3	13	17	22	25	20			100
1090			3	4	12	22	24	23	26	25	4		143
1100			16	14	21	28	24	25	28	26	9		191
1110	2		25	28	28	28	27	26	28	26	21	8	247
1120	12	16	28	29	30	28	27	26	28	26	29	17	296
1130	25	28	28	29	30	29	28	26	28	26	30	26	333
1140	29	29	28	30	30	29	28	26	28	26	30	29	342

Geopotential at 150 mb

1220							2		1				3
1230							8	2	12				22
1240						2	15	8	20	3			48
1250						3	17	21	22	14			77
1260					2	14	20	22	26	20			104
1270				1	7	23	24	25	26	26	4		136
1280			3	5	18	28	25	25	28	26	7		165
1290			14	17	25	29	27	25	28	26	12		203
1300	1		26	27	30	29	28	25	28	26	22	8	250
1310	5	11	28	29	30	29	28	25	28	26	29	16	284
1320	24	27	28	30	30	29	28	25	28	26	30	25	330
1330	29	29	28	30	30	29	28	25	28	26	30	29	341

Geopotential at 100 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1450									1				1
1460							3		2				5
1470							7	2	10				19
1480						2	12	8	17	2			41
1490						2	16	20	19	5			62
1500						5	19	22	23	15			84
1510					2	17	21	24	23	20			107
1520					3	23	25	24	25	22			122
1530				1	10	25	25	24	25	24	1		135
1540				4	21	29	28	24	25	26	7		164
1550			2	13	26	29	28	24	25	26	7		180
1560			13	22	29	29	28	24	25	26	12		208
1570			26	29	30	29	28	24	25	26	15	3	235
1580	3	4	27	30	30	29	28	24	25	26	26	9	261
1590	18	24	27	30	30	29	28	24	25	26	30	21	312
1600	29	29	27	30	30	29	28	24	25	26	30	28	335
1610	29	29	27	30	30	29	28	24	25	26	30	29	336

Geopotential at Tropopause

550											1		1
600											1		1
650					1						1	1	3
700					1						1	1	3
750			6	5	1	1	1		2		2	2	20
800	1	1	15	17	8	1	2	1	2	1	6	5	60
850	8	13	20	24	16	8	7	2	3	4	12	9	126
900	19	22	26	26	23	11	12	3	6	10	18	18	194
950	24	25	27	28	27	19	18	8	12	15	25	22	250
1000	28	29	27	29	28	27	21	15	22	22	28	28	304
1050	29	29	27	29	29	27	24	18	25	25	29	29	320
1100	31	29	27	30	29	27	26	23	26	26	30	29	333
1150	31	29	27	30	29	28	27	25	28	26	30	29	339
1200	31	29	27	30	30	29	27	26	28	26	30	29	342
1250	31	29	27	30	30	29	27	26	28	26	30	29	342
1300	31	29	27	30	30	29	28	26	28	26	30	29	343

Pressure at Tropopause

Upper Limit Range - mb	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
150							1						1
200					1	2	2	6	2				13
250	3	1		1	3	11	12	18	18	12	4	4	87
300	25	18	9	8	21	25	26	25	25	24	19	20	245
350	31	29	25	28	29	29	28	26	28	26	28	27	334
400	31	29	27	30	30	29	28	26	28	26	29	29	342
450	31	29	27	30	30	29	28	26	28	26	29	29	342
500	31	29	27	30	30	29	28	26	28	26	30	29	343

Observations. 2300 Hours

Temperature at 850 mb

Upper Limit Range - °C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
533							1						1
530						1	5		1				7
527						3	8		2				13
524				2	6	6	14	1	3	1			33
521				4	9	7	16	5	9	4			54
518			5	13	15	9	20	10	13	9			94
515			7	20	22	18	25	17	19	16	2	1	147
512	1	7	18	26	25	26	27	23	25	25	11	3	217
509	10	14	24	30	28	29	28	25	28	28	28	14	286
506	24	26	27	30	30	29	29	25	28	28	28	28	332
503	29	29	28	30	30	29	29	25	28	29	28	28	342
000	31	29	28	30	30	29	29	25	28	29	28	28	344

Temperature at 700 mb

533							1						1
530							4		1				5
527				1			12	5	4				22
524			2	13	9	6	20	9	14	8	1		82
521		1	12	22	20	23	25	19	24	20	12	2	180
518	8	11	25	29	29	29	26	23	27	25	25	14	271
515	19	21	28	30	30	29	28	25	28	27	28	21	314
512	28	29	28	30	30	29	29	25	28	29	28	28	341
509	30	29	28	30	30	29	29	25	28	29	28	28	343
506	31	29	28	30	30	29	29	25	28	29	28	28	344

Temperature at 500 mb

545							3						3
542				3			13	5	4	2			27
539			3	8	7	14	19	10	19	8	2		90
536	1		14	16	18	21	23	21	24	20	9	3	170
533	8	5	24	21	26	28	26	23	25	25	20	9	240
530	16	18	27	27	30	29	27	25	26	27	27	16	295
527	25	27	27	29	30	29	29	25	28	27	28	25	329
524	30	29	27	30	30	29	29	25	28	28	28	28	341
521	31	29	27	30	30	29	29	25	28	29	28	28	343

Temperature at 300 mb

566									1				1
563							4	3	5	1			13
560					1	13	13	18	14	16			75
557		1	1	5	8	26	25	23	25	23	2	2	141
554	6	3	4	17	19	29	28	25	27	25	17	5	205
551	20	14	16	21	28	29	29	25	27	26	25	16	276
548	28	24	23	27	29	29	29	25	28	28	28	24	322
545	31	29	28	30	30	29	29	25	28	29	28	26	342
542	31	29	28	30	30	29	29	25	28	29	28	28	344

FREQUENCY ANALYSES
WILKES 1960

Temperature at 200 mb

Upper Limit Range °C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
575								3					3
572							1	5	4				10
569						2	7	12	11	2			34
566						3	17	22	21	14			77
563						9	20	24	25	21			99
560						16	25	25	28	22	2		118
557					8	23	28	25	28	24	10		146
554	1			3	18	27	28	25	28	27	11	1	169
551	2		1	9	26	29	28	25	28	28	18	11	205
548	4	3	3	19	30	29	28	25	28	28	21	15	233
545	18	12	8	28	30	29	28	25	28	29	24	20	279
542	29	29	25	30	30	29	28	25	28	29	28	27	337
539	31	29	27	30	30	29	28	25	28	29	28	28	342

Temperature at 150 mb

584								1					1
581								1					1
578								1					1
575								2	2				4
572							4	6	6				16
569						2	12	16	14	1			45
566						4	16	22	22	10			74
563						12	23	22	28	18			103
560					3	18	27	23	28	21			120
557					11	25	28	23	28	22	2		139
554				5	19	27	28	23	28	24	3		157
551				10	28	29	28	23	28	27	9		182
548			1	24	30	29	28	23	28	28	12	2	205
545	7	4	14	29	30	29	28	23	28	28	13	11	244
542	20	26	26	30	30	29	28	23	28	28	22	19	309
539	31	29	27	30	30	29	28	23	28	29	27	28	339
536	31	29	27	30	30	29	28	23	28	29	28	28	340

Temperature at 100 mb

575						1	7	4	1				13
572						3	13	14	2				32
569						6	17	20	13				56
566						11	23	23	26	2			85
563					2	16	26	23	26	8			101
560					10	24	28	23	28	14			127
557					17	25	28	23	28	18			139
554				5	27	29	28	23	28	20			160
551				15	30	29	28	23	28	20			173
548			5	28	30	29	28	23	28	22			193
545		1	17	30	30	29	28	23	28	24	3		213
542	9	25	27	30	30	29	28	23	28	27	7	3	266
539	30	29	27	30	30	29	28	23	28	28	19	18	319
536	31	29	27	30	30	29	28	23	28	29	23	27	334
533	31	29	27	30	30	29	28	23	28	29	28	28	340

Temperature at Tropopause

584								1					1
581								1					1
578								2					2
575								3					3
572							2	6	5				13
569						4	7	12	11	2			36
566						6	14	18	21	14			73
563	1			2	4	16	19	21	24	19	2	1	109
560	1		2	5	10	22	23	21	27	23	6	5	145
557	4	6	3	10	17	28	27	23	28	25	15	13	199
554	15	14	6	20	23	29	28	23	28	27	24	19	256
551	25	21	20	24	28	29	29	24	28	28	26	20	302
548	30	28	24	29	30	29	29	24	28	29	28	25	333
545	31	29	27	30	30	29	29	24	28	29	28	27	341
542	31	29	27	30	30	29	29	24	28	29	28	28	342

Geopotential at 850 mb

Upper Limit Range goDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
85			1						1				2
90			1		1				1				3
95			3	1	1	1	1		4			1	12
100			11	3	3	3	4	1	11	4		2	42
105		1	22	5	5	7	11	8	20	6	1	5	91
110	5	9	25	11	16	14	19	15	24	18	9	8	173
115	19	20	26	23	22	22	21	19	28	23	18	15	256
120	27	28	27	29	26	28	23	25	28	26	24	22	313
125	31	29	28	30	30	28	28	25	28	28	28	25	336
130	31	29	28	30	30	29	29	25	28	29	28	28	344

Geopotential at 700 mb

225									1				1
230									1				1
235			1		1		1		2				5
240			3	1	2	2	4	1	5				18
245			8	3	5	3	10	2	17	3		1	52
250			21	6	9	6	17	8	21	7	1	2	98
255	1	5	23	13	15	15	20	15	24	20	7	6	164
260	8	14	26	24	22	22	22	22	28	24	15	11	238
265	23	24	27	29	26	28	24	25	28	24	21	19	298
270	29	29	27	29	30	29	25	25	28	28	27	23	329
275	31	29	28	30	30	29	28	25	28	29	28	28	343
280	31	29	28	30	30	29	29	25	28	29	28	28	344

Geopotential at 500 mb

465									1				1
470							3		2				5
475			1		1	2	6		2				12
480			3	1	3	2	9	1	10				29
485			6	3	5	4	16	4	20				58
490			16	7	8	10	19	12	22	7	2	1	104
495			22	15	14	15	22	20	24	23	6	2	163
500	1	4	26	23	22	23	22	20	25	24	9	6	205
505	9	14	26	27	26	27	22	22	27	24	18	15	257
510	17	21	27	28	29	29	25	25	28	25	26	20	300
515	27	26	28	30	30	29	25	25	28	28	28	23	327
520	29	29	28	30	30	29	28	25	28	29	28	26	339
525	31	29	28	30	30	29	29	25	28	29	28	28	344

FREQUENCY ANALYSES
WILKES 1960

Geopotential at 300 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct	Nov.	Dec.	Total
800							3		1				4
810						2	10	1	6				19
820			2		3	6	16	7	22	2			58
830			16	7	10	15	22	20	24	19	1		134
840	1		25	22	20	26	23	21	25	25	10	1	199
850	9	11	27	27	29	29	25	24	26	27	24	13	271
860	22	22	28	28	30	29	26	25	28	27	28	20	313
870	29	28	28	30	30	29	29	25	28	28	28	27	339
880	31	29	28	30	30	29	29	25	28	29	28	28	344

Geopotential at 200 mb

1050							4		1				5
1060						2	11	2	15				30
1070						2	17	12	22	4			57
1080					5	14	21	20	25	18			103
1090			2	5	14	24	22	23	25	23	5		143
1100			18	19	23	29	24	25	26	26	11		201
1110	3		25	28	29	29	27	25	28	27	23	9	253
1120	15	19	27	29	30	29	28	25	28	27	28	18	303
1130	29	28	27	30	30	29	28	25	28	28	28	26	336
1140	31	29	27	30	30	29	28	25	28	29	28	28	342

Geopotential at 150 mb

1220							2		1				3
1230						1	8	2	10				21
1240						2	16	8	19				45
1250						3	19	18	25	12			77
1260					5	20	22	22	25	18			112
1270				2	7	25	24	23	26	25	2		134
1280				7	19	29	24	23	28	25	6		161
1290			12	18	26	29	28	23	28	26	12		202
1300	1		25	27	29	29	28	23	28	26	21	7	244
1310	8	10	27	30	30	29	28	23	28	27	28	15	283
1320	29	28	27	30	30	29	28	23	28	29	28	26	335
1330	31	29	27	30	30	29	28	23	28	29	28	28	340

FREQUENCY ANALYSES
WILKES 1960

Geopotential at 100 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1460							4		1				5
1470							8	2	10				20
1480						2	14	7	19				42
1490						2	17	18	21	1			59
1500						6	21	23	25	13			88
1510					3	18	23	23	25	18			110
1520					6	23	24	23	27	21			124
1530				2	13	26	25	23	28	23	1		141
1540				4	21	29	28	23	28	25	3		161
1550			2	13	26	29	28	23	28	26	10		185
1560			11	25	29	29	28	23	28	26	10		209
1570			23	29	30	29	28	23	28	26	14	2	232
1580	4	4	27	30	30	29	28	23	28	27	24	10	264
1590	16	23	27	30	30	29	28	23	28	29	28	23	314
1600	30	29	27	30	30	29	28	23	28	29	28	27	338
1610	31	29	27	30	30	29	28	23	28	29	28	28	340

Geopotential at Tropopause

650			2	1				1			1		5
700			4	1	2			1			1		9
750	3	1	11	3	5	2		2	1		2	2	32
800	5	3	16	10	8	4	4	3	2	2	2	6	65
850	13	12	23	20	12	7	6	3	2	6	6	9	119
900	20	19	26	21	20	11	14	3	6	9	11	15	175
950	27	23	27	27	25	22	20	8	15	14	21	19	248
1000	30	28	27	29	30	27	24	13	21	25	27	24	305
1050	30	29	27	29	30	29	26	17	24	28	28	28	325
1100	30	29	27	30	30	29	29	20	26	29	28	28	335
1150	31	29	27	30	30	29	29	22	26	29	28	28	338
1200	31	29	27	30	30	29	29	24	28	29	28	28	342

Pressure at Tropopause

Upper Limit Range - mb													
200							1	4	5				10
250	2	4		3	5	8	11	20	18	17	6	7	101
300	19	18	6	15	19	24	25	21	26	26	23	20	242
350	28	28	21	29	28	29	29	22	28	29	27	26	324
400	31	29	27	30	30	29	29	23	28	29	28	28	341
450	31	29	27	30	30	29	29	24	28	29	28	28	342

Results of Surface Observations,
DAVIS – JAN., 1960

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND							LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
01	02	9812	34		17	07	27	83	6	01	2	6	0	7	7	5									
	05	9795	32		13	07	23	81	7	03	2	1	5	5	7										
	08	9792	34		15	08	19	82	7	03	2	4	5	5	7										
	11	9788	35		17	06	29	82	7	02	2	1	7	5	7	8									
	14	9787	35		16	07	30	82	7	02	2	1	7	5	7	8									
	17	9782	35		16	07	30	82	7	15	2	1	7	5	7	5									
	20	9781	34		15	07	28	82	7	03	2	1	7	5	7										
	23	9785	32		14	07	30	82	6	01	2	4	5	5	7	0				07	50	465	0000	37	31
02	02	9778	31		14	07	19	82	7	03	2	5	5	6	7										
	05	9774	30		11	09	15	82	7	03	2	5	5	6	7										
	08	9758	32		09	09	16	83	4	01	1	1	5	6	7	5									
	11	9739	36		12	05	17	84	4	02	1	2	0	7	6	1									
	14	9716	37		13	08	17	84	4	02	1	3	0	7	6	1									
	17	9698	36		14	08	15	83	6	03	1	4	5	6	6	4									
	20	9679	34		17	04	06	83	7	03	2	5	5	6	7										
	23	9671	33		17	06	16	83	7	02	2	4	5	6	7					10	42	561	0000	38	31
03	02	9662	33		19	06	07	40	8	70	2	1	5	6	7										
	05	9656	30		29	06	09	02	8	73	7	1	5	6	7	2									
	08	9665	35		24	04	25	82	8	14	7	4	5	6	7	5									
	11	9681	40		24	05	24	82	7	14	2	2	5	6	7										
	14	9695	40		23	05	30	82	7	14	2	5	5	5	7										
	17	9711	39		24	05	26	82	7	14	2	5	5	5	8										
	20	9735	37		25	05	22	81	8	03	2	7	5	5	7										
	23	9757	35		24	06	19	80	8	02	2	7	5	5	7					06	44	366	0000	41	30
04	02	9774	35		24	05	23	80	7	15	2	6	8	5	7										
	05	9791	36		22	06	28	81	8	02	2	4	8	5	7										
	08	9808	37		21	06	09	81	8	15	2	2	5	5	7										
	11	9820	37		20	05	25	81	8	01	2	1	5	5	7	5									
	14	9832	39		23	05	14	82	8	01	2	1	8	5	7	5									
	17	9841	39		22	07	12	82	7	15	2	2	8	5	7	5									
	20	9843	35		23	06	01	82	6	01	2	1	5	5	7	8									
	23	9851	33		26	36	03	82	6	01	2	3	5	6	4	0				09	44	601	0000	40	33
05	02	9851	33		22	18	05	82	7	03	2	6	5	7	4										
	05	9851	35		24	07	05	84	7	01	2	2	5	6	4										
	08	9847	34		27	34	03	84	6	01	2	2	5	6	3	0									
	11	9846	35		28	25	03	84	6	01	2	1	5	6	7	0									
	14	9840	36		27	25	06	83	6	02	2	1	5	5	3	0									
	17	9835	38		26	23	09	83	5	01	2	5	0	8	3	0									
	20	9815	35		29	21	10	84	4	01	1	4	0	8	3	0									
	23	9812	32		23	02	09	84	1	03	1	1	0	9	3	0				05	16	191	0000	38	33
06	02	9819	31		21	05	11	84	2	03	0	1	5	5	4	5									
	05	9817	32		22	05	14	84	2	03	1	1	5	5	7	0									
	08	9812	36		17	03	14	84	3	03	1	1	5	5	7	0									
	11	9811	34		19	01	14	84	3	01	1	1	5	5	3	5									
	14	9808	34		21	35	09	84	1	01	1	0	0	9	0	1									
	17	9806	33		21	32	03	84	1	02	0	0	0	9	0	1									
	20	9798	32		25	25	04	84	1	03	0	1	5	5	0	1									
	23	9791	31		30	23	06	84	1	02	0	1	0	9	4	0				04	23	262	0000	37	30
07	02	9799	26		24	21	01	08	1	40	0	1	0	9	4	0									
	05	9800	29		12	03	09	84	1	02	0	0	0	9	0	6									
	08	9798	32		15	01	12	84	2	03	0	1	5	5	0	2									
	11	9799	33		16	01	12	84	2	02	1	1	5	5	0	2									
	14	9806	34		16	33	06	84	2	03	1	1	1	5	0	5									
	17	9809	33		15	26	07	84	2	02	1	1	1	5	0	5									
	20	9816	36		19	20	08	84	2	02	1	1	5	5	0	2									
	23	9826	35		17	06	07	84	2	03	1	0	0	9	0	2				02	25	228	0000	36	27
08	02	9844	32		18	05	07	84	3	03	1	0	0	9	0	2									
	05	9858	32		19	03	05	84	4	03	1	1	0	8	3	2									
	08	9870	35		24	02	06	84	5	03	1	2	0	8	3	2									
	11	9877	37		25	01	06	84	4	01	1	1	2	6	3	5									
	14	9876	36		28	27	04	83	6	03	1	3	4	6	3	5									
	17	9873	35		28	24	10	83	4	01	1	3	8	5	3	5									
	20	9861	36		28	22	10	84	4	01	1	1	5	6	4	5									
	23	9855	33		29	21	10	84	1	02	0	0	0	9	0	5				23	16	230	0000	37	32
09	02	9844	33		18	09	07	84	2	03	0	0	0	9	0	5									
	05	9841	32		21	06	09	84	2	02	1	0	0	9	0	5									
	08	9839	32		19	03	12	84	1	03	0	1	5	5	0	0									
	11	9842	35		17	03	13	84	1	02	1	1	5	5	0	0									
	14	9846	35		15	02	06	84	0	02	0	0	0	9	0	0									
	17	9846	34		29	21	02	84	0	02	0	0	0	9	0	0									
	20	9848	35		20	27	03	84	1	03	0	0	5	9	0	0									
	23	9848	33		21	22	03	84	0	02	0	0	0	9	0	0				04	18	260	0000	36	30

Results of Surface Observations,
DAVIS – JAN., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
10	02	9849	31		15	10	05	84	0	02	0	0	0	9	0	0									
	05	9850	32		12	05	09	84	1	03	0	1	4	5	0	0									
	08	9845	33		19	01	06	84	1	02	0	1	1	5	0	0									
	11	9839	34		18	33	04	84	1	02	0	0	0	9	0	5									
	14	9831	35		19	31	07	84	1	03	0	0	0	9	0	5									
	17	9823	34		23	25	05	84	2	03	1	0	0	9	0	5									
	20	9805	34		28	25	06	84	2	02	1	0	0	9	0	5									
	23	9797	32		29	23	09	84	1	03	0	1	5	5	0	5				05	13	162	0000	35	31
11	02	9796	28		28	30	01	04	6	46	0	6	6	0											
	05	9795	25		23	01	01	16	2	42	0	1	6	0	0	5									
	08	9792	33		15	02	11	83	2	03	1	0	0	9	0	5									
	11	9796	34		21	02	14	83	3	03	1	1	1	5	7	1									
	14	9804	35		28	01	15	82	6	03	1	4	8	5	7	0									
	17	9809	34		29	02	09	82	6	03	2	1	8	5	7	0									
	20	9814	32		25	02	04	82	7	03	2	1	8	5	7	0									
	23	9817	31		28	03	09	82	8	03	2	1	8	5	7					05	28	203	0000	36	25
12	02	9821	30		26	03	10	80	8	02	2	4	5	5	7										
	05	9827	31		26	04	11	80	8	03	2	6	7	4	0	5									
	08	9831	32		26	03	10	82	8	02	2	3	5	5	7	5									
	11	9833	32		23	01	13	82	7	01	2	2	8	5	7	5									
	14	9836	33		25	01	12	82	7	01	2	4	5	5	7										
	17	9846	32		26	28	02	82	7	03	2	5	7	4	7	5									
	20	9854	32		25	25	02	83	7	03	2	6	5	5	3										
	23	9863	32		26	22	03	83	7	02	2	6	5	5	7					02	17	276	0000	34	30
13	02	9872	32		26	19	04	82	7	14	2	6	8	5	7										
	05	9876	32		26	23	04	83	7	01	2	5	8	5	7										
	08	9874	32		29	25	05	82	7	02	2	5	8	5	7										
	11	9877	33		30	25	07	82	5	01	2	4	2	5	7	0									
	14	9889	34		27	24	09	83	3	01	1	2	2	5	4	1									
	17	9877	33		29	23	09	24	2	40	1	2	2	5	0	0									
	20	9880	29		28	24	09	24	7	40	1	7	6	2											
	23	9879	29		26	26	02	24	8	40	1	8	5	5						24	12	196	0000	34	28
14	02	9871	27		24	20	04	82	7	03	2	7	5	5											
	05	9852	27		23	01	02	82	8	02	2	8	5	5											
	08	9830	29		20	02	08	82	7	02	2	7	5	5											
	11	9823	30		24	01	03	82	7	02	2	7	5	5											
	14	9809	32		23	36	07	82	7	01	2	6	5	5	0	1									
	17	9810	32		24	35	05	82	7	02	2	1	2	4											
	20	9814	31		24	02	03	82	8	03	2	7	8	4	7										
	23	9816	30		27	03	09	81	8	70	2	8	8	4						04	16	230		32	26
15	02	9813	30		23	04	09	40	8	71	2	8	8	4											
	05	9812	30		22	04	11	40	8	70	7	8	6	4											
	08	9798	32		20	04	17	80	7	70	7	7	5	5											
	11	9787	31		22	04	21	40	8	70	7	8	5	5											
	14	9782	30		27	03	17	24	8	70	7	8	5	5											
	17	9780	31		25	04	17	40	8	16	7	8	5	5											
	20	9775	31		27	04	12	80	8	70	7	7	5	5	0	5									
	23	9774	30		28	04	16	24	8	71	7	8	5	5						04	34	213	0002	32	29
16	02	9781	30		26	03	17	24	8	70	7	8	5	5											
	05	9789	30		28	05	16	24	8	70	7	8	5	5											
	08	9796	31		25	04	19	24	8	70	7	8	5	5											
	11	9806	33		18	02	17	80	8	02	7	8	5	5											
	14	9809	35		07	03	14	82	8	01	2	7	5	5	7										
	17	9811	32		19	02	10	82	8	01	2	6	5	5	2	7									
	20	9807	33		20	03	08	82	7	01	2	5	5	5	7										
	23	9805	32		16	04	12	82	7	02	2	5	5	5	7					04	28	442	0004	36	29
17	02	9803	30		15	04	07	82	7	02	2	5	5	5	7										
	05	9799	31		07	02	04	84	6	01	2	1	5	5	7	1									
	08	9791	32		13	03	14	84	5	01	1	1	5	5	8	9									
	11	9785	32		13	02	17	84	4	01	1	1	0	9	8	9									
	14	9783	33		17	01	15	84	6	03	1	2	8	5	7	8									
	17	9785	32		18	03	10	83	7	03	2	4	5	5	8	8									
	20	9785	31		18	03	06	82	8	03	2	3	4	5	7										
	23	9784	30		20	03	03	83	7	01	2	2	4	5	7					03	25	276	0000	34	30
18	02	9784	30		17	06	04	83	8	03	2	6	8	4	2										
	05	9785	30		15	06	06	82	8	02	2	1	2	5	7										
	08	9788	30		16	03	13	82	8	02	2	3	5	5	7	5									
	11	9795	30		16	03	17	82	8	02	2	7	0	8	7	5									
	14	9802	30		17	03	17	82	8	02	2	4	5	6	7										
	17	9803	30		19	03	13	82	7	01	2	2	5	5	7	5									
	20	9804	29		19	04	05	82	7	14	2	1	5	5	7	5									
	23	9803	29		17	07	03	83	7	02	2	2	5	5	7					04	27	538	0000	31	29

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	02	9807	29		16	05	05	83	7	03	2	4	5	6	7										
	05	9807	29		17	05	07	82	7	70	7	5	5	5	2										
	08	9811	29		20	04	10	82	8	70	7	1	2	5	7										
	11	9817	30		22	02	13	80	8	70	7	4	5	5	7										
	14	9825	31		25	03	14	80	7	15	7	2	5	5	7										
	17	9822	31		27	04	10	82	8	03	2	2	5	5	7										
	20	9822	30		25	04	09	82	8	14	2	8	0	8	7										
	23	9824	29		22	05	07	83	7	14	2	1	5		7					03	18	267	0000	32	29
20	02	9830	28		17	05	10	84	5	01	2	2	5	5	7	1									
	05	9838	28		16	04	12	84	4	01	1	1	5	5	7	4									
	08	9844	31		18	04	15	84	7	03	2	5	5	6	8	5									
	11	9849	33		16	06	17	83	7	02	2	5	5	6	4	5									
	14	9857	33		19	04	16	83	7	02	2	5	8	6	0	5									
	17	9866	32		18	05	15	82	8	70	2	6	8	5	2										
	20	9875	31		17	07	09	82	7	01	2	5	8	5	2										
	23	9892	30		22	09	09	40	8	71	2	5	5	5	2					09	30	299	0000	35	27
21	02	9905	29		25	16	04	40	8	71	7	5	5	5	2										
	05	9913	28		27	08	05	40	8	70	7	2	5	5	2										
	08	9921	31		22	09	06	82	7	01	7	2	8	5	7										
	11	9927	29		22	36	10	80	7	15	2	4	5	5	7	5									
	14	9932	31		14	33	05	82	6	15	2	2	5	6	7										
	17	9932	31		17	29	05	84	4	01	1	2	8	5	7	0									
	20	9921	30		24	22	08	84	5	03	1	4	8	4	0	0									
	23	9919	27		19	15	04	84	2	01	1	1	8	5	4	0				05	15	258	0000	31	26
22	02	9916	24		16	13	02	84	3	03	1	1	8	5	7	0									
	05	9908	25		12	04	03	84	5	03	1	3	5	7	8	0									
	08	9901	26		06	03	10	84	5	03	1	5	0	8	3	0									
	11	9899	25		06	02	12	83	6	03	2	1	8	5	5	0									
	14	9897	28		08	01	12	82	4	01	1	1	4	5	7	0									
	17	9892	29		09	36	11	83	2	01	1	2	0	7	7	0									
	20	9892	28		04	06	10	83	2	01	1	2	0	7	7	0									
	23	9901	23		04	05	15	83	1	01	1	1	0	7	3	0				07	22	199	0000	30	22
23	02	9920	21		02	08	11	84	2	03	1	2	5	6	0	0									
	05	9931	21		01	06	12	84	1	01	1	1	0	8	3	0									
	08	9844	27		07	03	13	84	2	03	1	2	1	5	4	0									
	11	9960	30		10	02	13	84	4	03	1	4	8	5	0	0									
	14	9972	31		14	01	11	84	4	02	1	4	8	6	7	0									
	17	9983	29		16	25	05	83	7	03	2	4	8	6	7	0									
	20	9983	31		12	16	06	84	1	01	1	1	8	6	9	0									
	23	9980	25		07	16	09	84	1	03	0	0	0	9	0	5				08	23	316	0000	32	21
24	02	9981	23		08	14	04	84	3	03	0	0	0	9	0	5									
	05	9977	27		10	00	00	84	3	02	1	0	0	9	0	5									
	08	9969	32		12	01	05	84	1	01	1	0	0	9	0	1									
	11	9953	35		18	33	04	84	1	02	0	0	0	9	0	5									
	14	9935	33		18	24	07	84	1	02	0	0	0	9	0	5									
	17	9919	36		19	22	11	84	1	02	0	0	0	9	0	5									
	20	9904	39		16	07	11	84	1	02	0	0	0	9	0	5									
	23	9901	33		16	05	05	84	1	02	0	0	0	9	0	5				06	16	218	0000	39	23
25	02	9898	31		18	05	09	84	1	03	0	1	0	7	4	5									
	05	9897	33		20	06	14	84	1	02	0	1	0	7	4	5									
	08	9894	35		24	03	21	84	3	03	0	2	5	5	4	5									
	11	9897	39		27	03	10	84	5	03	1	2	8	5	0	5									
	14	9900	36		28	01	05	84	8	03	1	2	0	7	7	5									
	17	9917	35		29	24	03	83	8	02	2	6	0	7	7	5									
	20	9931	34		31	25	01	83	8	03	2	4	2	5	7	5									
	23	9948	33		28	00	00	82	8	02	2	7	0	7	7	5				04	28	269	0000	40	31
26	02	9954	32		30	00	00	80	8	15	2	2	5	6	7	5									
	05	9959	34		27	07	03	82	8	15	2	2	5	6	7	5									
	08	9948	32		29	02	04	82	8	70	2	4	8	5	7										
	11	9930	33		28	01	05	82	8	70	7	3	5	5	7										
	14	9907	32		29	36	05	24	8	71	7	5	5	6	7										
	17	9890	31		27	36	03	64	8	71	7	5	5	5	7										
	20	9861	30		27	02	04	40	8	71	7	3	5	5	7										
	23	9844	29		27	00	00	81	8	71	7	1	5	5	7					01	10	142	0000	34	29
27	02	9826	30		24	23	02	82	8	02	7	1	5	6	7										
	05	9824	29		26	29	01	82	8	03	2	3	5	6	7										
	08	9824	30		28	26	01	40	8	71	2	8	5	5	7										
	11	9837	32		29	25	04	80	7	22	7	2	8	5	7	5									
	14	9851	33		31	26	03	82	7	15	2	2	8	5	7	5									
	17	9869	32		31	25	03	82	7	01	2	1	8	5	7	5									
	20	9887	31		30	35	01	83	6	01	2	2	5	5	7	0									
	23	9905	31		31	03	01	83	7	03	2	5	5	5	2					26	06	095	0002	34	29

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	02	9928	31		30	01	01	82	7	02	2	5	5	5	2										
	05	9951	31		27	36	01	83	7	70	7	5	5	5	2										
	08	9976	32		31	36	01	83	7	70	7	5	5	5	2										
	11	9998	32		31	23	05	83	7	70	7	5	5	5	7	5									
	14	10011	33		30	24	04	83	6	15	7	4	5	5	7	5									
	17	10017	33		32	23	09	83	4	01	1	2	8	5	7	5									
	20	10016	32		27	23	09	82	7	03	1	1	5	5	7	5				23	12	090	0000	34	30
	23	10014	30		22	16	05	82	7	02	2	7	0	7	7										
29	02	10015	29		19	13	05	82	7	02	2	7	0	7	7										
	05	10015	30		20	17	03	83	7	01	2	7	0	7	7										
	08	10009	32		28	26	04	83	6	01	2	4	5	7	7	5									
	11	10019	33		29	24	07	83	3	01	1	1	1	5	8	5									
	14	10007	33		24	24	17	84	2	01	1	1	4	5	0	5									
	17	9999	33		28	23	18	84	2	02	1	1	5	5	0	5									
	20	9989	31		30	23	14	84	1	01	1	1	5	5	0	5									
	23	9985	29		28	18	10	84	7	03	1	3	5	5	0	5				23	22	182	0000	33	20
30	02	9981	27		23	18	03	83	6	01	2	3	5	5	0	5									
	05	9971	27		12	16	07	83	4	01	1	1	5	5	0	5									
	08	9955	30		17	19	13	84	1	01	1	0	0	9	0	1									
	11	9946	36		18	28	04	84	1	01	1	0	0	9	0	5									
	14	9938	35		29	26	03	84	1	03	0	0	0	9	0	2									
	17	9930	35		31	30	03	84	1	01	1	0	0	9	0	5									
	20	9917	36		26	24	03	84	1	02	0	0	0	9	0	5									
	23	9905	33		21	14	06	84	6	03	1	0	0	9	0	6				18	22	326	0000	38	26
31	02	9898	27		13	13	11	84	3	01	1	0	0	9	0	5									
	05	9903	31		13	12	08	83	7	03	1	0	0	9	0	8									
	08	9906	35		09	13	14	83	6	02	1	0	0	9	0	8									
	11	9912	40		12	36	10	84	2	01	1	0	0	9	0	5									
	14	9919	41		14	35	03	84	1	01	1	0	0	9	0	5									
	17	9925	39		19	36	07	84	1	02	0	0	0	9	0	5									
	20	9940	36		16	03	04	84	1	02	0	0	0	9	0	5									
	23	9945	27		09	13	14	84	0	02	0	0	0	9	0	0				14	22	191	0000	41	27

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	9948	25		08	12	12	84	0	02	0	0	0	9	0	0									
	05	9941	25		07	12	13	84	0	02	0	0	0	9	0	0									
	08	9936	30		08	12	13	84	0	02	0	0	0	9	0	0									
	11	9923	35		11	12	16	84	0	02	0	0	0	9	0	0									
	14	9911	39		13	08	13	84	0	02	0	0	0	9	0	0									
	17	9899	37		12	12	24	84	0	02	0	0	0	9	0	0									
	20	9887	32		08	12	11	84	0	02	0	0	0	9	0	0									
	23	9870	26		05	12	18	84	0	02	0	0	0	9	0	0				13	36	273	0000	40	24
02	02	9858	24		05	12	16	84	0	02	0	0	0	9	0	0									
	05	9841	23		05	12	16	84	0	02	0	0	0	9	0	0									
	08	9805	30		09	11	09	84	0	02	0	0	0	9	0	0									
	11	9775	32		15	36	07	84	0	02	0	0	0	9	0	0									
	14	9755	33		15	36	10	84	1	03	0	0	1	9	0	0									
	17	9747	33		17	05	23	84	1	03	0	1	8	5	0	0									
	20	9753	30		21	05	17	84	1	03	0	1	8	5	0	0									
	23	9764	30		17	05	12	84	2	03	1	1	8	5	4	0				05	36	377	0000	35	29
03	02	9781	28		16	07	10	84	5	03	1	1	5	5	7	9									
	05	9784	29		19	07	14	84	7	03	2	1	5	5	2	5									
	08	9798	30		27	04	16	40	8	70	2	1	5	5	2										
	11	9819	31		29	04	16	24	8	71	7	1	5	5	2										
	14	9834	34		29	04	27	40	8	71	7	2	5	5	7										
	17	9854	34		30	04	05	72	8	02	7	3	5	5	7										
	20	9874	36		28	04	22	72	7	02	2	8	5	4											
	23	9889	37		23	08	11	81	3	01	2	2	0	9	3	1				05	31	300	0000	39	31
04	02	9916	31		13	11	09	82	2	02	0	2	0	9	3	0									
	05	9903	33		10	08	05	82	1	02	0	1	0	9	3	0									
	08	9898	38		12	08	18	82	1	02	0	1	0	9	3	0									
	11	9906	40		14	05	12	82	2	02	0	2	0	9	0	8									
	14	9880	37		19	28	08	82	1	02	0	0	0	9	0	8									
	17	9865	37		20	24	11	82	1	02	0	0	0	9	0	8									
	20	9854	40		19	23	05	82	1	02	0	0	0	9	0	8									
	23	9816	35		18	06	06	82	1	02	0	0	0	9	0	8				05	26	0	0000	41	32
05	02	9835	32		12	05	12	82	1	02	0	0	0	9	0	8									
	05	9847	33		09	09	06	82	0	02	0	0	0	9	0	0									
	08	9852	37		05	09	21	82	0	02	0	0	0	9	0	0									
	11	9857	36		06	05	30	82	0	02	0	0	0	9	0	0									
	14	9866	36		14	03	14	82	0	02	0	0	0	9	0	0									
	17	9874	35		17	01	13	82	5	02	0	0	1	9	0	0									
	20	9884	30		10	09	18	82	3	03	0	1	3	5	0	1	2								
	23	9888	30		10	09	22	82	4	03	1	3	5	5	0	0	2			06	43	0	0000	38	31
06	02	9874	29		13	09	03	82	3	01	1	3	5	5	0	0	2								
	05	9903	31		14	08	07	82	4	03	1	4	5	5	0	0	2								
	08	9910	32		20	05	22	81	7	03	1	2	5	5	7		2								
	11	9830	35		18	06	30	81	8	03	2	2	5	5	7		2								
	14	9921	34		20	07	26	81	8	02	2	2	5	5	7		2								
	17	9924	34		23	06	18	81	8	02	2	3	5	5	7		2								
	20	9920	34		19	05	15	81	8	02	2	8	5	5	7		2								
	23	9910	31		13	09	18	81	7	02	2	7	0	9	7		2			09	38	0	0000	34	29
07	02	9920	30		10	09	10	82	6	02	2	7	5	6	0	0	2								
	05	9920	29		06	11	09	82	7	02	2	2	5	6	0	0	2								
	08	9912	34		09	06	06	82	2	02	2	2	5	6	0	0	2								
	11	9905	35		09	04	15	82	2	00	2	2	5	6	0	0	2								
	14	9903	34		14	02	18	82	1	02	0	1	5	6	3	0	1								
	17	9900	33		15	02	17	82	1	02	0	1	5	6	3	0	1								
	20	9902	31		12	02	08	82	3	02	0	1	5	6	7	0	1								
	23	9908	30		11	03	13	82	7	03	1	3	5	6	3	0	1			03	26	341	0000	35	29
08	02	9915	29		11	09	05	82	8	02	2	4	5	6	3	0	1								
	05	9926	28		11	13	05	82	5	01	2	2	5	6	3	1	1								
	08	9919	30		11	24	09	82	3	02	0	1	0	9	3	0	3								
	11	9920	31		13	30	07	82	1	02	0	0	0	9	3	0									
	14	9932	31		15	27	07	82	1	02	0	0	0	9	3	0									
	17	9935	31		15	23	07	82	0	02	0	0	0	9	3	0									
	20	9931	31		16	25	04	82	1	02	0	0	0	9	0	0									
	23	9936	30		18	04	05	82	0	02	0	0	0	9	0	0				13	23	273	0000	32	27
09	02	9947	25		17	14	05	82	0	02	0	0	0	9	0	0									
	05	9933	27		16	05	07	82	1	02	0	0	0	9	0	0									
	08	9923	30		17	05	13	82	1	02	0	1	0	5	0	0									
	11	9917	35		21	03	18	82	0	00	0	0	0	6	0	0									
	14	9896	36		23	02	17	82	0	02	0	0	0	9	0	0									
	17	9887	35		23	03	11	82	1	02	0	0	0	9	0	0									
	20	9866	37		22	06	13	82	1	02	0	1	0	6	0	1									
	23	9857	35		20	06	13	82	3	03	1	3	5	6	0	0				05	27	164	0000	32	28

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	02	9863	35		18	07	13	82	7	02	2	7	5	6	0	0									
	05	9867	35		16	07	18	82	7	02	2	7	5	6	0	0									
	08	9877	33		15	06	17	82	8	03	2	2	5	6	2										
	11	9884	36		13	04	13	82	7	02	2	7	5	6											
	14	9891	36		17	35	13	82	1	01	1	1	5	6	0	0									
	17	9900	35		21	22	07	82	2	01	1	1	0	9	1	5									
	20	9907	34		18	20	10	82	7	03	1	2	0	9	3	6									
	23	9919	30		12	08	09	82	7	02	1	2	0	9	3	6				03	33	357	0000	39	30
11	02	9925	27		06	08	07	82	7	02	1	2	0	9	3	6									
	05	9932	26		06	08	08	82	5	03	1	1	0	9	3	1									
	08	9916	29		04	02	13	82	1	01	1	1	0	9	0	1									
	11	9921	30		07	03	07	82	0	02	0	0	0	9	0	0									
	14	9910	31		10	03	12	82	0	02	0	0	0	9	0	0									
	17	9897	30		10	36	05	82	1	02	0	0	0	9	3	0									
	20	9878	30		11	07	05	82	7	03	1	0	0	9	0	1									
	23	9861	27		08	06	17	82	6	03	1	3	0	9	3	1				04	30	625	0000	32	26
12	02	9847	26		08	05	18	82	6	02	2	2	0	9	3	6									
	05	9834	25		04	07	17	82	6	02	2	3	0	9	3	6									
	08	9844	28		07	05	26	82	7	02	2	7	0	9	7										
	11	9803	30		10	05	20	82	8	02	2	8	0	9	7										
	14	9797	31		12	05	26	82	7	02	2	7	0	9	7	2									
	17	9782	31		15	04	19	82	8	02	2	8	0	9	7										
	20	9790	31		14	06	17	82	8	02	2	3	7	4	7										
	23	9786	29		11	08	22	82	8	02	2	8	7	4						04	43	373	0000	31	25
13	02	9776	29		10	09	17	82	8	02	2	8	7	4											
	05	9790	31		14	09	14	82	8	03	2	3	7	3	7		2								
	08	9772	30		09	08	19	82	7	03	2	4	7	4	7	8									
	11	9772	33		12	09	10	82	2	01	1	2	0	9	2	8									
	14	9758	35		21	35	12	82	2	01	1	2	0	9	7	8									
	17	9749	34		18	22	07	82	4	02	1	0	0	9	0	5									
	20	9753	33		17	20	09	82	1	02	0	0	0	9	0	1									
	23	9756	29		18	11	06	82	0	01	1	0	0	9	0	0				06	37	471	0000	37	29
14	02	9764	27		11	09	07	82	1	01	0	0	0	9	0	8									
	05	9773	27		10	09	08	82	2	02	0	0	0	9	0	1									
	08	9780	31		08	02	08	82	1	02	0	0	0	9	0	1									
	11	9778	32		13	02	16	82	5	03	1	0	0	9	0	1									
	14	9781	34		17	01	17	82	8	02	2	0	0	9	0	6									
	17	9786	33		18	03	13	82	8	02	2	0	0	9	0	6									
	20	9786	31		17	03	08	82	8	03	2	2	5	6	0	6									
	23	9786	29		16	06	09	82	8	02	2	3	0	9	3	8				06	27	188	0000	34	27
15	02	9793	29		13	05	09	82	8	02	2	5	0	9	1	8									
	05	9788	30		14	04	17	82	8	03	2	5	0	9	1	8									
	08	9778	32		14	05	22	82	8	02	2	8	0	9	7										
	11	9781	32		16	06	22	82	8	02	2	8	0	9	7										
	14	9776	33		18	06	20	82	8	14	7	5	7	5	1										
	17	9781	33		17	07	22	82	8	22	7	5	7	5	1										
	20	9781	33		16	07	13	82	8	02	2	6	7	4	7										
	23	9778	32		16	07	11	82	7	01	2	5	5	5	3					04	35	345	0000	34	29
16	02	9779	31		14	09	08	81	7	02	2	5	5	5	3		2								
	05	9781	32		14	07	08	82	7	02	2	5	5	5	3		2								
	08	9782	32		13	06	10	82	8	02	2	6	5	5	3		2								
	11	9788	31		12	02	05	82	8	02	2	6	5	5	3		2								
	14	9794	31		13	02	12	82	8	02	2	8	5	6			2								
	17	9800	31		15	02	09	82	8	02	2	8	5	6			2								
	20	9815	30		14	05	09	82	8	02	2	6	5	6	1		2								
	23	9814	30		16	09	05	82	8	02	2	5	5	5	3		2			05	23	299	0000	32	31
17	02	9820	31		15	06	07	82	8	70	2	5	5	5	3		2								
	05	9854	31		13	08	14	82	8	00	7	7	5	5	3										
	08	9844	30		14	05	18	48	8	05	7	5	5	6	1										
	11	9856	31		16	03	14	81	8	02	2	4	5	6	1		2								
	14	9865	32		16	03	12	81	8	02	2	5	5	6	1		2								
	17	9869	32		16	04	07	81	7	02	2	6	5	6	3		2								
	20	9873	31		14	06	04	81	7	02	2	5	5	6	3		2								
	23	9869	30		14	09	03	81	7	02	2	5	5	6	3		2			05	26	249	0000	33	30
18	02	9873	27		12	12	07	81	8	02	2	3	5	6	3		1								
	05	9874	25		09	12	10	82	8	02	2	8	5	7											
	08	9874	26		09	12	09	82	7	02	2	1	5	7	3										
	11	9866	28		14	01	08	82	7	02	2	7	0	9	3										
	14	9865	27		12	01	09	82	8	02	2	6	5	5	3										
	17	9863	29		16	36	07	82	8	02	2	8	5	5											
	20	9847	29		18	03	08	82	8	02	2	8	5	5			6								
	23	9842	28		23	29	09	82	7	01	2	7	5	5	3		6			29	12	171	0000	32	25

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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	9836	26		15	29	08	82	4	01	2	4	5	5	0	0	6								
	05	9825	25		18	09	03	82	6	03	2	6	5	5	3	0									
	08	9816	28		21	04	14	82	7	02	2	2	5	5	3										
	11	9809	29		18	03	13	82	7	02	2	2	5	5	3										
	14	9801	27		18	02	13	82	8	02	2	3	5	5	7										
	17	9798	28		18	03	11	82	8	02	2	4	5	5	7										
	20	9796	27		16	03	06	82	8	02	2	5	5	5	7										
	23	9793	23		13	14	06	82	7	02	2	5	5	5	3					05	23	177	0000	29	25
20	02	9805	19		08	12	09	82	6	02	2	6	0	9	3	0									
	05	9805	19		07	13	09	82	7	02	2	4	5	5	3										
	08	9810	22		08	15	09	82	7	02	2	7	0	9	3										
	11	9815	25		13	32	03	82	6	02	2	6	0	9	3										
	14	9817	25		12	30	04	82	8	02	2	8	0	9	7										
	17	9815	25		13	27	02	82	8	02	2	8	0	9	7										
	20	9805	25		13	16	04	82	8	02	2	8	0	9	7										
	23	9798	24		11	14	07	82	8	02	2	8	0	9	7					13	13	239	0000	26	19
21	02	9794	22		07	11	09	82	8	02	2	8	0	9	7										
	05	9778	21		04	13	09	82	7	02	2	7	0	9	3										
	08	9768	24		08	05	09	82	7	02	2	7	0	9	3										
	11	9759	26		11	02	13	82	7	02	2	7	0	9	3										
	14	9756	27		13	03	14	82	7	02	2	8	0	9	7										
	17	9743	27		14	05	19	82	8	02	2	3	5	7	2										
	20	9742	27		13	03	22	40	8	70	7	6	7	5	2										
	23	9741	26		16	04	19	40	8	70	7	4	5	6	2					05	35	132	0000	27	20
22	02	9749	25		20	04	22	64	8	22	7	4	5	6	2										
	05	9753	25		20	04	18	24	8	71	7	3	5	6	2										
	08	9757	27		23	04	21	24	8	70	7	8	6	6											
	11	9769	27		26	03	22	08	8	71	7	8	6	0											
	14	9775	30		24	04	26	81	8	02	7	8	0	9	2										
	17	9768	29		24	04	26	09	8	70	2	3	7	3	2										
	20	9771	28		23	04	23	06	8	70	2	3	7	3	2										
	23	9737	29		23	06	27	16	8	70	7	5	7	3	2					05	49	468	0000	31	25
23	02	9760	27		27	36	23	00		39	3														
	05	9774	27		19	01	26	72	6	36	3	6	7	3	0	0									
	08	9793	25		21	36	21	16	8	36	3	8	6	2											
	11	9824	28		25	36	25	12	8	38	3	8	6	2											
	14	9837	25		20	32	15	08	8	38	3	8	6	2											
	17	9858	25		18	33	11	08	8	38	3	8	6	2											
	20	9875	25		14	34	09	48	8	22	2	8	5	5											
	23	9879	26		12	35	04	64	8	02	2	8	5	5								648	0000	28	25
24	02	9877	21		16	08	04	80	7	01	1	3	5	5	3										
	05	9867	23		16	08	02	80	8	02	2	8	8	4											
	08	9858	23		21	12	06	14	8	70	2	8	5	5											
	11	9844	24		19	13	03	40	6	01	2	6	5	5											
	14	9831	25		09	05	02	80	5	01	2	4	5	6	2	0									
	17	9819	24		13	16	05	82	2	01	2	2	5	6	0	0									
	20	9804	13		05	13	12	82	1	01	0	1	5	6	0	0									
	23	9779	10		03	13	08	82	1	01	0	1	5	6	0	0				05	10	310	0000	25	10
25	02	9790	07		01	13	10	82	1	01	0	1	5	6	0	0									
	05	9786	07		01	13	09	82	1	01	0	1	5	6	0	0									
	08	9788	11		04	11	10	82	6	03	0	6	5	4											
	11	9790	20		06	02	05	82	7	03	2	6	5	5											
	14	9796	22		10	28	02	82	8	02	2	7	5	5											
	17	9798	19		09	11	04	82	4	01	2	4	5	6											
	20	9801	11		01	11	03	82	7	02	2	7	5	6											
	23	9795	11		00	11	07	82	8	03	1	3	5	5	0	6				13	16	227	0000	22	07
26	02	9808	11		00	12	07	82	7	02	2	5	5	5	0	6									
	05	9809	13		01	09	07	82	7	03	1	3	5	5	3	0									
	08	9809	19		06	36	09	82	6	03	1	1	5	5	3	1									
	11	9818	21		18	25	11	82	7	02	2	7	5	5											
	14	9831	18		10	24	07	82	7	02	2	7	5	5											
	17	9839	15		07	27	09	82	5	01	2	3	5	5	3										
	20	9849	14		06	22	07	82	7	03	1	7	5	5											
	23	9866	14		05	22	05	82	8	03	2	8	5	5						22	17	152	0000	23	10
27	02	9889	15		06	22	06	82	8	70	2	8	5	5											
	05	9901	15		501	18	03	82	3	70	2	8	5	5											
	08	9921	15		04	22	02	82	8	02	7	8	5	5											
	11	9942	17		06	25	10	82	7	01	2	7	5	5											
	14	9949	17		04	22	02	82	5	01	2	5	5	5	0	0									
	17	9956	18		03	21	05	82	3	01	1	3	5	5	0	0									
	20	9960	10		501	11	05	82	1	01	0	1	5	5	0	0									
	23	9954	05		505	12	11	82	1	02	0	0	0	9	0	1				13	16	212	0000	23	05

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	w	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	02	9930	09		507	13	04	82	6	03	0	6	0	9	3										
	05	9898	15		00	07	05	82	8	02	2	8	0	9	3										
	08	9853	19		02	12	02	81	8	07	2	8	0	9	2										
	11	9800	25		17	05	20	24	8	36	7	8	0	9	2										
	14	9766	26		19	05	22	24	8	36	3	8	0	9	2										
	17	9732	28		19	06	22	72	8	14	3	5	7	3	2										
	20	9702	27		22	05	30	16	8	37	3	5	7	3	2										
	23	9702	27		22	04	30	08	8	37	3	5	7	3	2					05	46	221	0000	28	09
29	02	9702	27		21	04	28	08	8	37	3	5	7	3	2										
	05	9697	27		17	05	20	81	8	36	3	6	5	5	2										
	08	9696	27		16	05	30	72	8	36	3	5	5	7	2										
	11	9705	29		16	04	22	81	8	02	3	3	5	7	2										
	14	9744	28		14	04	22	81	8	02	2	3	5	7	2										
	17	9719	28		13	05	10	81	8	02	2	8	0	9	2										
	20	9729	26		10	04	13	81	8	02	2	8	0	9	2										
	23	9739	23		09	07	02	81	8	03	2	5	5	7	2					05	48	831	0000	29	23

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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	9749	21		07	09	05	81	8	00	2	5	5	7	2										
	05	9754	20		07	09	02	81	8	02	2	3	5	7	2										
	08	9761	21		08	04	12	08	8	71	7	8	6	5											
	11	9767	23		15	04	13	16	8	22	7	3	7	5	2										
	14	9772	23		10	02	14	08	8	71	7	8	0	9	2										
	17	9771	23		10	02	13	32	8	02	7	8	0	9	2										
	20	9773	23		09	03	09	80	8	02	2	8	0	9	2										
	23	9773	21		09	03	13	32	8	70	7	8	0	9	2					02	29	285	0000	23	20
02	02	9784	18		17	04	14	24	8	72	7	8	0	9	2										
	05	9790	17		14	05	14	16	8	73	7	8	0	9	2										
	08	9805	17		09	04	15	32	8	36	7	8	0	9	2										
	11	9804	19		06	04	20	72	8	36	7	1	5	6	2		2								
	14	9801	20		05	02	20	72	8	01	7	1	5	6	2		1								
	17	9786	20		16	03	16	72	8	02	2	8	0	9	2										
	20	9782	19		00	04	20	72	8	02	2	8	0	9	2										
	23	9755	19		04	05	13	72	8	70	7	4	5	6	2					05	27	365	0003	20	16
03	02	9740	18		13	06	13	32	8	22	7	8	0	9	2										
	05	9732	19		14	05	18	32	8	36	3	3	7	3	2		2								
	08	9728	18		11	03	18	72	8	36	3	3	7	3	2		2								
	11	9719	19		12	04	13	72	8	36	3	4	5	4	2		2								
	14	9698	21		09	01	10	81	6	01	1	6	5	4	3		2								
	17	9686	21		10	02	12	81	5	01	1	2	5	4	3	0	2								
	20	9641	19		09	12	02	81	4	01	1	2	5	4	3	0	2								
	23	9648	15		07	08	04	81	3	01	1	2	5	4	3	0	2			05	30	435	0000	21	17
04	02	9643	11		00	08	04	81	4	01	1	3	5	4	3	0	2								
	05	9643	15		00	08	04	82	6	02	1	4	5	5	2	0	2								
	08	9649	19		08	11	02	82	7	02	1	5	5	8	2		5								
	11	9666	23		10	36	02	82	6	01	1	4	5	5	3	0									
	14	9676	25		12	03	10	82	7	03	1	3	5	5	2										
	17	9687	22		20	03	09	16	8	71	7	7	7	4	2										
	20	9708	20		15	29	14	32	8	15	7	7	7	4	2										
	23	9719	17		10	27	07	40	8	70	7	7	7	4	2					32	20	219	0000	25	17
05	02	9725	16		06	31	02	72	6	01	2	5	7	4	2										
	05	9754	16		05	00	00	82	8	02	2	8	5	5											
	08	9759	15		08	08	02	82	8	02	2	8	5	7			7								
	11	9757	15		06	16	05	82	8	02	2	5	5	7	2		7								
	14	9749	17		10	19	13	82	8	02	2	6	5	7	2		7								
	17	9746	18		12	17	10	82	8	02	2	8	5	7											
	20	9747	19		14	20	13	82	8	02	2	6	5	7	2		5								
	23	9750	19		11	18	05	82	8	02	2	6	5	7	2					20	17	139	0000	20	14
06	02	9753	19		13	18	02	82	8	02	2	6	5	7	2										
	05	9765	17		12	22	15	72	8	70	2	6	5	7	2										
	08	9772	15		11	22	18	72	8	70	7	7	5	6	2										
	11	9787	14		08	23	11	82	8	01	2	7	5	6	2										
	14	9809	15		08	21	09	82	7	01	2	7	5	5											
	17	9831	17		13	21	14	82	6	01	2	6	5	5	0	0									
	20	9856	20		04	20	15	82	1	01	1	0	0	9	0	5									
	23	9880	07		505	12	09	82	2	01	0	0	0	9	0	5				22	22	284	0000	21	06
07	02	9863	09		502	11	05	82	8	03	0	8	0	9	1										
	05	9842	14		05	09	05	82	8	02	2	8	0	9	2										
	08	9809	16		14	06	10	03	8	73	7	8	0	9	2										
	11	9788	18		17	14	05	02	8	73	7	8	0	9	2										
	14	9800	21		19	18	09	02	8	73	7	8	0	9	2										
	17	9837	21		18	00	00	04	8	73	7	8	7	6	2										
	20	9829	21		19	23	09	16	8	73	7	7	7	6	2										
	23	9848	18		13	27	12	72	6	01	7	6	0	9	2					07	17	278	0003	22	07
08	02	9860	15		11	26	09	72	6	01	2	6	0	9	2										
	05	9861	13		06	00	00	72	8	15	7	8	5	5											
	08	9866	13		07	08	05	72	8	02	7	8	5	5											
	11	9872	14		09	08	02	72	7	71	7	7	5	5											
	14	9871	14		10	12	02	24	6	71	7	6	6	4											
	17	9866	15		11	13	02	81	6	22	7	6	5	5											
	20	9857	11		06	12	05	40	8	71	7	8	5	6											
	23	9842	10		04	12	09	72	8	70	7	8	5	6						13	14	199	0005	17	10
09	02	9833	07		501	11	09	81	4	01	2	4	5	6	0	0									
	05	9809	04		504	12	12	82	6	02	2	6	5	7											
	08	9810	07		501	12	10	81	7	02	2	7	5	6											
	11	9793	10		504	08	07	82	5	01	1	1	5	5	0	6									
	14	9761	11		504	13	05	82	2	01	0	0	0	9	0	5									
	17	9733	12		502	15	08	82	1	02	0	0	0	9	0	2									
	20	9723	07		504	11	07	82	2	02	0	1	5	5	0	2									
	23	9723	03		510	10	09	82	2	02	0	1	5	5	0	1				15	19	190	0002	12	03

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	02	9724	05		508	09	09	82	3	02	0	3	5	5	0	0									
	05	9735	08		522	08	06	82	7	02	2	7	5	6											
	08	9736	09		510	09	08	82	8	02	2	8	5	6											
	11	9746	14		10	07	12	80	8	36	7	8	5	5											
	14	9748	17		06	35	12	80	6	01	3	6	5	5	2										
	17	9756	16		02	01	12	80	6	01	2	6	5	5	0	0									
	20	9753	16		02	03	11	80	6	01	2	6	5	5	0	0									
	23	9750	15		05	08	06	80	6	01	2	6	5	5	0	0				09	20	193	0000	17	03
11	02	9739	19		14	01	13	81	7	02	2	7	5	5											
	05	9740	17		14	32	09	03	8	73	7	8	7	4											
	08	9739	15		11	28	03	04	8	73	7	8	7	4											
	11	9736	15		08	31	05	72	8	03	7	8	7	4			7								
	14	9729	12		05	30	10	81	8	02	7	8	5	6			7								
	17	9709	10		03	35	05	81	8	00	2	8	5	6			7								
	20	9705	10		03	03	03	81	8	00	2	8	5	5											
	23	9695	09		04	07	02	81	8	00	2	8	5	5						36	19	245	0000	19	09
12	02	9692	11		04	33	10	81	8	00	2	3	5	5	2										
	05	9691	10		03	09	01	81	8	02	2	8	5	5											
	08	9581	13		07	34	08	05	8	71	7	8	7	2			2								
	11	9682	15		06	35	09	72	8	02	7	5	7	3	2		8								
	14	9686	09		03	26	12	40	8	73	7	8	7	3			6								
	17	9701	09		00	32	05	72	8	02	7	8	7	3											
	20	9702	10		05	06	13	40	8	15	7	8	7	3			1								
	23	9705	10		02	05	12	40	8	73	7	8	7	3			1			05	22	168	0002	15	09
13	02	9720	10		02	11	08	72	8	63	6	8	7	3											
	05	9726	03		00	12	16	02	8	73	7	8	7	4											
	08	9729	00		504	12	17	02	8	73	7	8	7	5											
	11	9728	05		02	11	09	01	8	73	7	8	7	5											
	14	9721	09		07	07	17	01		73	7														
	17	9723	11		05	29	04	81	8	02	7	8	8	4											
	20	9727	02		503	12	13	81	3	01	2	3	8	4	0	0									
	23	9736	503		507	12	17	16	7	36	3	7	5	5						15	26	319	0003	12	501
14	02	9726	508		501	12	16	82	1	02	1	1	0	9	8	0									
	05	9703	506		513	12	12	82	3	03	1	3	5	5	0	0									
	08	9694	506		514	10	05	82	1	01	1	1	5	4	0	6									
	11	9670	502		501	13	02	82	1	01	0	1	5	4	0	6									
	14	9651	06		509	18	11	82	1	01	0	1	5	4	0	6									
	17	9651	05		508	14	02	82	1	01	0	1	5	4	0	0									
	20	9659	00		514	09	09	82	1	01	1	1	5	4	0	0									
	23	9675	506		517	11	10	82	0	02	0	0	0	9	0	0				15	23	319	0000	08	508
15	02	9678	504		510	11	09	82	7	03	0	7	5	6											
	05	9683	05		504	07	09	08	6	71	7	8	7	4											
	08	9685	07		502	04	12	40	7	22	7	7	7	4											
	11	9680	08		00	06	13	24	8	03	2	8	8	4											
	14	9660	10		03	05	17	01	8	73	7	8	8	4											
	17	9648	14		12	04	26	00	8	73	7	8	8	4											
	20	9660	13		11	04	30	00	8	73	7	8	8	4											
	23	9668	12		10	04	25	00	8	39	7	8	8	4						05	45	240	0002	14	505
16	02	9702	10		07	32	20	01	8	39	7	8	7	4											
	05	9731	08		03	27	06	72	8	01	3	8	7	5											
	08	9747	07		501	29	05	72	8	02	2	2	5	6	2		6								
	11	9766	07		00	34	04	72	8	02	2	2	5	6	2										
	14	9775	08		00	06	04	72	8	02	2	2	5	6	2										
	17	9787	10		05	01	02	40	8	71	2	8	6	4											
	20	9783	15		13	05	13	16	8	73	7	8	7	3											
	23	9766	16		09	05	16	04	8	73	7	8	7	3						05	26	448	0007	18	07
17	02	9730	18		18	06	30	00	8	75	7	8	7	3											
	05	9737	19		18	04	35	00	8	75	7	8	7	3											
	08	9801	11		07	26	15	72	8	22	7	3	7	3	2		1								
	11	9829	07		01	26	12	81	8	02	2	6	7	4	7		6								
	14	9847	05		502	26	07	82	8	02	2	8	5	5			7								
	17	9857	06		502	00	00	82	8	02	2	8	5	5			1								
	20	9861	06		503	09	02	82	8	02	2	8	5	5			1								
	23	9862	07		501	13	07	40	8	70	2	8	5	5			1			05	56	361	0007	18	05
18	02	9852	09		01	16	05	72	5	70	2	5	5	5	1	0	1								
	05	9851	10		03	14	06	72	8	02	2	6	5	5	2										
	08	9851	15		06	07	04	72	8	02	2	8	5	5											
	11	9860	20		18	02	10	01	8	73	7	8	7	4											
	14	9860	21		18	03	20	01	8	36	7	8	7	4											
	17	9863	22		14	02	12	40	8	01	7	8	6	5											
	20	9861	21		14	14	01	72	8	02	2	8	6	5											
	23	9862	22		08	03	03	72	8	01	2	8	6	5						02	28	148	0000	22	07

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
19	02	9877	14		00	06	05	72	8	02	2	8	5	5			2								
	05	9879	17		05	12	05	72	8	02	2	8	5	5			1								
	08	9880	18		06	09	04	72	8	02	2	8	5	5			1								
	11	9882	19		19	22	12	81	5	01	1	2	5	5	0	6	1								
	14	9888	18		18	22	13	81	8	02	3	4	8	5	0	6	3								
	17	9897	19		19	17	07	81	8	02	2	8	5	5			3								
	20	9905	22		21	02	07	08	8	71	2	8	7	4											
	23	9909	21		19	03	27	00	5	73	7	8	7	4						36	36	218	0002	22	17
20	02	9911	22		18	04	18	00	8	39	3	8	7	4			1								
	05	9922	20		12	04	28	16	8	38	3	8	0	9	2										
	08	9923	20		14	04	32	40	8	38	3	8	0	9	2										
	11	9929	20		14	03	17	40	8	38	3	8	5	7	2										
	14	9933	21		15	04	14	72	8	02	2	8	5	7	2		1								
	17	9928	21		12	04	16	40	8	02	2	1	5	7	2										
	20	9919	21		04	04	25	64	8	02	2	8	0	9	2										
	23	9939	21		09	04	23	48	8	02	2	4	7	6	2					04	45	417	0000	21	20
21	02	9912	20		05	04	23	24	8	56	2	8	7	6	2										
	05	9922	20		06	04	27	24	8	36	2	8	7	6	2										
	08	9925	20		05	04	23	72	8	02	2	3	0	9	2	7		8							
	11	9923	20		06	06	27	72	8	14	2	3	7	3	2										
	14	9920	20		06	03	25	81	8	02	2	2	7	4	2		1	8							
	17	9918	19		07	04	26	81	8	02	2	8	0	9	2			8							
	20	9904	18		06	03	26	72	8	36	3	8	0	9	2			8							
	23	9897	12		09	26	10	24	8	71	2	8	7	4				7		02	43	512	0000	20	08
22	02	9882	05		03	26	05	72	8	02	2	2	5	6	2										
	05	9876	04		00	17	08	72	8	02	2	2	5	6	2										
	08	9851	04		00	09	01	72	8	02	2	3	5	6	2										
	11	9815	07		04	10	02	72	8	02	2	5	5	6	2										
	14	9777	11		09	14	02	08	8	71	2	8	7	4											
	17	9751	14		10	16	05	72	8	01	7	2	0	9	1	7									
	20	9724	13		10	18	06	72	3	01	1	1	0	9	1	7									
	23	9709	15		11	18	04	72	8	03	1	8	0	9	2					22	15	417	0000	14	04
23	02	9684	16		15	14	07	08		73	7														
	05	9670	18		17	14	02	03		73	7														
	08	9648	19		18	12	02	02		73	7														
	11	9651	18		16	05	06	02		73	7														
	14	9678	19		16	06	01	02		73	7														
	17	9681	16		14	05	07	03	8	22	7	8	7	4											
	20	9685	15		10	04	13	16	7	36	2	5	7	4	1										
	23	9698	15		15	04	11	02		73	7									04	20	123	0015	20	15
24	02	9685	15		10	05	15	00		38	7														
	05	9698	13		10	05	26	16	8	36	3	4	7	4	2										
	08	9728	07		05	27	08	12	8	71	7	8	0	9	2										
	11	9748	501		504	28	10	00		73	7														
	14	9751	501		506	08	07	12	8	71	7	8	0	9	2										
	17	9773	04		01	22	11	81	7	02	2	7	0	9	3										
	20	9783	07		504	16	07	82	3	01	2	3	0	9	3										
	23	9797	05		507	11	10	82	2	01	0	2	0	9	3					04	37	259	0006	15	501
25	02	9814	02		509	10	09	82	0			0	0	9	0	0									
	05	9814	03		508	09	09	82	0			0	0	9	0	0									
	08	9839	04		508	11	09	82	0			0	0	9	0	0									
	11	9843	08		504	09	07	82	0			0	0	9	0	0									
	14	9848	10		503	09	05	82	0			0	0	9	0	0									
	17	9857	07		506	11	05	82	0			0	0	9	0	0									
	20	9874	01		512	11	10	82	0			0	0	9	0	0									
	23	9884	01		511	11	13	82	0			0	0	9	0	0				07	19	191	0003	11	502
26	02	9894	01		513	11	10	82	0			0	0	9	0	0									
	05	9906	502		509	12	25	82	0			0	0	9	0	0									
	08	9909	501		509	13	15	80	0			0	0	9	0	0									
	11	9899	500		511	13	14	82	0			0	0	9	0	0									
	14	9885	09		506	13	05	82	0			0	0	9	0	0									
	17	9870	09		506	13	13	82	0			0	0	9	0	0									
	20	9848	04		510	13	12	82	0			0	0	9	0	0									
	23	9816	01		510	13	23	80	0			0	0	9	0	0				13	38	312	0000	09	01
27	02	9787	502		510	15	26	16	0			0	0	9	0	0									
	05	9753	505		511	14	31	08	0			0	0	9	0	0									
	08	9729	501		508	13	34	08	0			0	0	9	0	0									
	11	9720	502		508	13	22	24	0			0	0	9	0	0									
	14	9700	05		506	15	13	80	0			0	0	9	0	0									
	17	9671	03		507	13	24	80	0			0	0	9	0	0									
	20	9665	00		512	12	12	82	0			0	0	9	0	0									
	23	9658	502		514	12	08	82	0			0	0	9	0	0				13	51	509	0000	06	502

Results of Surface Observations,
DAVIS – Mar., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
28	02	9675	02		514	07	08	82	0			0	0	9	0	0									
	05	9702	00		511	05	11	82	0			0	0	9	0	0									
	08	9702	02		509	05	07	82	1			1	5	5	0	0	2								
	11	9709	07		504	04	17	82	1			1	5	5	0	0	2								
	14	9704	09		06	04	05	82	2			2	5	5	0	0	2								
	17	9698	09		00	07	21	82	4			4	5	5	0	0	2								
	20	9697	06		505	04	10	82	2			2	5	5	0	0	1								
	23	9717	07		505	07	10	82	3			3	5	5	0	0	1			04	27	348	0000	10	502
29	02	9736	07		504	08	08	82	3			3	5	5	0	0	1								
	05	9763	07		504	10	05	82	7			7	5	5			1								
	08	9781	10		00	07	10	82	7			7	5	7			1								
	11	9802	14		03	08	09	82	4			1	5	7	0	1	1								
	14	9816	15		09	06	09	80	8			1	7	4	2		1								
	17	9831	16		13	05	10	80	8			5	5	6	2		1								
	20	9828	19		17	06	17	80	8			8	5	6			1								
	23	9828	17		12	05	15	82	0			0	0	9	0	0				04	37	242	0000	20	12
30	02	9811	16		10	10	11	82	1			1	0	9	1	0									
	05	9800	13		04	19	03	82	3			3	0	9	2	0									
	08	9783	13		03	13	09	82	5			3	0	9	3	4									
	11	9770	16		03	12	02	82	8			1	0	9	0	7									
	14	9750	18		04	12	03	82	8			0	0	9	0	7									
	17	9739	17		04	00	00	82	7			1	0	9	2	8									
	20	9730	11		503	11	08	82	6			1	0	9	2	8									
	23	9721	10		505	13	07	82	3			0	0	9	0	5				04	30	311	0000	16	09
31	02	9717	09		506	08	25	82	0			0	0	9	0	0									
	05	9714	11		503	11	06	82	7			7	5	6			2								
	08	9712	15		01	11	05	82	7			7	5	7			2								
	11	9713	18		01	05	01	82	7			7	5	7			2								
	14	9713	17		501	09	05	82	5			4	5	6	2	0									
	17	9715	14		504	08	07	82	3			3	0	9	2	0									
	20	9727	09		509	09	14	82	1			1	0	9	2	0									
	23	9747	06		510	09	14	82	1			1	0	9	2	0				07	26	157	0000	18	01

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
		iib × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W		Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
01	02	9770	03		514	10	06	83	1	02	2		1	0	9	2	0									
	05	9787	01		514	11	04	83	0	01	0		0													
	08	9794	04		512	08	07	83	0	02	0		0													
	11	9811	09		504	06	12	83	8	02	0		8	5	7			2								
	14	9831	12		503	06	12	83	8	02	2		8	5	7			2								
	17	9844	12		01	08	04	83	8	02	2		8	5	7			2								
	20	9859	13		04	07	04	83	8	02	2		8	5	7			2								
	23	9872	15		09	05	07	83	8	02	2		8	5	7			2			09	27	217	0000	17	09
02	02	9880	17		13	05	12	80	8	71	2		8	5	7			2								
	05	9891	18		14	05	12	83	7	22	7		7	5	7			1								
	08	9903	19		14	04	12	40	8	02	2		7	5	7			1								
	11	9910	20		08	06	11	80	8	02	2		4	5	5	2		1								
	14	9919	20		03	06	10	80	8	02	2		8	5	5			1								
	17	9926	18		03	10	04	80	8	02	2		8	5	5			1								
	20	9935	16		04	19	08	83	2	01	2		2	5	5	0	0	1								
	23	9939	13		06	04	05	83	6	03	0		2	5	5	1		8			05	25	253	0000	20	07
03	02	9939	13		00	13	02	83	6	02	0		2	5	5	1		8								
	05	9944	07		503	13	05	83	7	02	2		3	5	5	1										
	08	9941	08		501	12	01	83	8	03	2		4	0	9	9	4									
	11	9933	09		501	13	08	83	8	03	2		4	5	5	2	4									
	14	9934	13		02	05	09	83	8	03	2		8	5	6											
	17	9923	12		02	08	02	83	8	03	2		8	5	5											
	20	9922	06		502	14	05	83	8	02	2		8	5	5											
	23	9925	06		503	11	02	83	8	02	2		8	5	5						05	12	139	0000	13	06
04	02	9928	08		505	04	12	82	8	02	2		8	5	5			1								
	05	9928	07		509	04	17	82	8	02	2		8	5	5			1								
	08	9921	03		510	04	17	82	5	01	2		5	5	5	0	0									
	11	9913	04		510	04	12	82	3	01	1		2	5	5	5	0	1								
	14	9894	04		503	04	11	82	6	03	2		5	5	6	5	0	1								
	17	9877	05		505	01	01	82	7	03	2		1	5	6	5	0									
	20	9875	06		501	00	00	80	8	71	7		8	5	6											
	23	9880	07		06	00	00	80	8	71	7		8	5	6						05	31	225	0002	08	03
05	02	9886	10		02	00	00	80	8	71	7		8	5	6											
	05	9908	09		02	00	00	80	8	71	7		8	5	6											
	08	9913	10		02	00	00	80	8	71	7		8	5	6			2								
	11	9918	10		01	08	05	80	8	02	2		8	5	6			2								
	14	9925	11		01	03	12	48	8	71	7		8	5	6			2								
	17	9924	10		00	07	07	80	8	22	7		8	5	6			2								
	20	9921	09		503	07	07	80	8	02	2		8	5	6											
	23	9921	07		503	12	05	80	8	71	7		8	5	6			2			05	22	209	0000	11	07
06	02	9920	06		503	13	06	40	8	70	7		8	5	6			2								
	05	9900	06		504	13	06	81	8	02	2		8	5	6			2								
	08	9895	07		501	13	06	80	8	02	2		1	5	6	2										
	11	9887	08		502	12	08	80	8	14	2		8	0	4	2			1							
	14	9881	10		04	14	04	12	8	71	7		8	0	9	2			1							
	17	9875	09		07	15	06	09	8	71	7		8	7	4			1								
	20	9876	09		07	12	08	09	8	71	7		8	7	4	2		1								
	23	9881	09		08	13	06	09	8	71	7		8	7	4	2		1			09	10	169	0000	10	07
07	02	9886	08		05	10	03	40	8	22	7		8	7	4	2		1								
	05	9895	09		502	12	03	40	8	71	7		8	7	4	2		1								
	08	9896	07		04	17	03	16	8	71	7		8	7	4	2		1								
	11	9908	08		05	12	02	40	8	01	7		8	6	4	1	1	1								
	14	9922	08		04	14	02	80	6	01	2		6	5	5	1	0	1								
	17	9920	07		04	12	02	82	2	01	2		2	5	5	0	0	1								
	20	9914	04		504	12	02	82	2	01	0		2	5	5	0	0	1								
	23	9905	09		02	08	04	82	6	03	0		6	5	5	0	0	1			09	10	137	0002	10	04
08	02	9888	14		07	07	12	82	8	02	2		8	5	5			1								
	05	9878	14		08	05	22	81	8	02	2		8	5	5			1								
	08	9873	14		09	05	17	81	8	02	2		8	5	5			1								
	11	9872	15		09	20	05	80	8	02	2		8	5	5											
	14	9865	16		14	18	02	40	8	02	2		8	0	9	2										
	17	9847	19		08	07	16	40	8	22	7		8	0	9	0	7									
	20	9834	17		08	05	10	80	6	01	1		3	5	6	0	7	1								
	23	9826	18		09	07	03	24	8	22	7		8	5	6						07	29	224	0000	19	10
09	02	9817	17		07	08	04	80	8	01	7		8	5	6											
	05	9809	15		04	11	08	80	8	02	2		8	5	6			1								
	08	9789	13		02	15	07	81	7	02	2		7	5	6	1										
	11	9782	14		04	17	05	81	7	02	1		7	5	6	7										
	14	9774	15		04	13	03	81	7	00	2		7	0	9	1	8									
	17	9771	12		02	22	08	81	5	01	1		5	0	9	1	4									
	20	9771	12		01	16	05	81	4	02	0		0	0	9	0	4									
	23	9781	04		510	12	07	82	3	02	0		3	0	9	0	4				13	17	193	0000	18	03

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	02	9783	03		511	12	07	82	2	02	0	2	0	9	0	4			6						
	05	9786	01		512	12	07	82	2	00	0	2	0	9	0	4			6						
	08	9790	01		514	13	09	82	5	03	0	0	0	9	0	1			6						
	11	9798	03		510	14	07	82	6	02	2	1	5	6	0	1	2		6						
	14	9811	06		509	13	05	82	5	02	2	1	5	6	0	1	2		6						
	17	9824	05		510	14	04	82	4	01	1	1	5	6	0	1	2		6						
	20	9827	02		505	01	04	82	6	03	1	0	0	9	0	8			6						
	23	9833	03		02	27	10	82	8	03	0	8	5	6			7			27	16	156	0000	06	504
11	02	9838	01		502	30	07	82	8	02	2	8	5	6			7								
	05	9847	502		503	03	05	82	8	02	2	8	5	6											
	08	9854	504		506	31	05	82	4	01	2	3	5	6	1										
	11	9870	503		505	24	02	82	3	01	2	1	5	6	0	5									
	14	9884	503		510	32	08	83	1	01	0	0	0	9	0	8									
	17	9897	505		510	31	01	83	1	01	0	1	5	6	0	0									
	20	9914	506		508	30	05	83	0	01	0	0	0	9	0	0									
	23	9929	505		508	00	00	83	1	02	0	1	5	6	0	0				31	10	109	0000	02	509
12	02	9937	509		517	18	09	83	6	02	1	0	0	9	0	8									
	05	9946	507		514	18	08	82	8	02	2	0	0	9	0	7			6						
	08	9954	505		514	00	00	82	8	01	2	0	0	9	0	7			6						
	11	9960	02		512	10	07	80	8	03	2	2	0	9	2	7		7	6						
	14	9943	07		507	09	04	80	8	14	2	8	0	9	2										
	17	9915	09		501	09	04	40	8	14	2	8	0	9	2										
	20	9860	19		08	05	07	40	8	14	2	8	0	9	2										
	23	9770	20		16	06	57	00	8	38	3	8	7	3						09	57	109	0000	20	509
13	02	9681	20		19	09	92	00	8	39	3	8	7	3											
	05	9723	20		19	09	68	00	8	39	3	8	7	3											
	08	9789	20		19	07	55	00	8	39	3	8	7	3											
	11	9808	19		18	08	41	00		39	3														
	14	9816	19		18	07	35	00	8	39	3	8	7	3											
	17	9823	19		18	07	36	08	8	38	3	8	7	3											
	20	9841	19		18	05	36	40	8	38	3	8	6	3	3										
	23	9841	19		18	05	39	40	8	36	3	8	6	3	3					07	01	743	0040	20	19
14	02	9850	20		10	07	27	80	8	36	3	8	6	3											
	05	9849	19		08	06	19	80	8	70	3	8	6	3			1								
	08	9844	19		06	07	12	80	8	22	7	1	5	6	2		1								
	11	9841	18		06	06	07	40	8	70	7	8	0	9	2			6							
	14	9836	17		12	06	06	40	8	70	7	8	0	9	2			6							
	17	9825	15		09	00	00	80	8	02	7	4	3	6	2		1	6							
	20	9821	13		06	10	04	80	8	02	2	1	5	6	2		1	6							
	23	9816	11		03	11	08	80	8	14	7	8	0	9	2			6		07	38	693	0015	19	09
15	02	9817	10		01	10	04	80	8	02	7	8	0	9	2										
	05	9817	11		02	00	00	80	8	02	2	8	0	9	2										
	08	9823	10		02	00	00	80	7	01	2	6	5	6	1										
	11	9829	09		503	07	02	82	5	01	2	1	5	6	1	0									
	14	9834	09		503	00	00	82	1	01	2	1	5	6	1	0	8								
	17	9843	07		504	00	00	82	4	03	0	1	5	6	1	8									
	20	9861	06		503	00	00	82	8	03	1	8	5	6											
	23	9875	07		501	00	00	82	8	01	2	8	0	9	1					07	10	151	0000	12	05
16	02	9887	10		00	00	00	82	8	02	2	8	5	6			8								
	05	9907	11		01	05	12	82	8	02	2	8	5	6			1								
	08	9923	11		02	05	11	82	8	02	2	8	5	7			1								
	11	9942	12		04	04	14	40	8	70	2	8	5	7											
	14	9952	12		05	04	13	40	8	70	7	8	5	7											
	17	9963	10		08	00	00	40	8	16	7	8	5	7											
	20	9969	05		04	35	03	40	8	02	7	8	5	7											
	23	9976	02		00	35	01	82	2	01	2	2	5	7	0	0				05	18	144	0000	12	02
17	02	9973	03		01	35	02	82	8	02	1	8	5	6											
	05	9957	05		02	07	06	82	8	02	2	8	5	6			1								
	08	9940	07		02	03	05	80	8	02	2	2	5	5	2		1		7						
	11	9916	07		03	00	00	80	8	02	2	3	5	5	2		1		7						
	14	9903	08		04	00	00	81	8	02	2	2	5	5	2		1		7						
	17	9888	07		03	00	00	81	8	02	2	2	5	5	2		1		7						
	20	9861	07		03	24	05	80	8	71	2	8	0	9	2				7						
	23	9850	07		03	21	05	80	8	22	2	8	0	9	2				4	35	10	189	0000	08	01
18	02	9841	06		01	21	12	40	8	71	7	8	5	5											
	05	9834	07		01	20	09	80	8	02	7	8	5	5											
	08	9828	05		01	21	05	80	8	02	2	6	5	7	2		1								
	11	9831	05		01	20	04	82	4	03	0	4	5	7	0	0	1								
	14	9835	06		03	21	03	82	5	02	2	5	5	7	0	0	2								
	17	9835	01		505	00	00	82	1	01	0	1	5	7	0	0									
	20	9843	00		502	08	02	82	0	02	0	0	0	9	0	0									
	23	9848	502		508	12	04	82	1	02	0	1	5	7	0	0				22	10	170	0000	09	502

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb x 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	02	9847	503		503	13	05	82	7	03	0	7	5	7											
	05	9840	05		00	13	03	82	8	02	2	8	5	7											
	08	9830	07		05	17	05	80	8	70	2	8	7	5											
	11	9824	11		08	16	02	80	8	01	7	8	0	9	2										
	14	9816	14		12	20	03	80	8	02	7	4	5	5	1										
	17	9804	14		11	20	10	80	8	03	2	8	5	5											
	20	9802	13		11	00	00	80	8	71	7	8	6	5											
	23	9807	15		15	15	03	80	8	71	7	8	6	5						22	09	129	0003	14	502
20	02	9813	17		16	00	00	16	8	71	7	8	6	5											
	05	9807	18		17	00	00	16	8	71	7	8	6	5											
	08	9814	18		09	05	07	40	8	71	7	8	6	5											
	11	9820	17		09	09	03	16	8	71	7	8	6	5											
	14	9825	18		11	06	03	40	8	71	7	8	6	5											
	17	9825	19		14	05	03	16	8	71	7	8	6	5											
	20	9837	19		16	04	14	16	8	71	7	8	6	5											
	23	9844	17		15	05	01	16	8	71	7	8	6	5						05	14	115	0000	19	17
21	02	9842	18		12	05	08	80	8	01	7	8	6	5											
	05	9845	15		08	07	05	80	8	01	2	8	6	5											
	08	9842	15		06	09	07	64	8	02	2	8	6	5			1								
	11	9841	14		05	10	03	64	8	02	2	8	6	5			1								
	14	9844	13		05	00	00	80	8	02	2	8	5	7			1	1							
	17	9844	13		04	09	01	80	8	02	2	8	6	5			1								
	20	9846	13		04	00	00	80	8	02	2	8	6	5											
	23	9851	13		05	05	02	80	8	02	2	8	5	7			1			07	13	257	0000	18	12
22	02	9858	11		01	05	02	80	8	02	2	8	5	7			1								
	05	9862	11		504	04	01	80	8	02	2	8	5	7			1								
	08	9865	10		501	05	06	80	8	02	2	3	5	6	2		1	8							
	11	9874	09		502	04	12	81	8	02	2	5	5	6	2		1	8							
	14	9880	08		502	03	13	81	8	02	2	6	5	6	2		1	8							
	17	9886	07		503	07	12	81	8	02	2	6	5	6	2		1	8							
	20	9889	06		504	07	12	81	8	02	2	8	5	6			1								
	23	9893	06		505	07	13	81	8	02	2	8	5	6			1			07	23	190	0000	13	05
23	02	9896	05		506	06	10	81	8	02	2	8	5	6											
	05	9899	05		505	07	07	81	8	02	2	8	5	6											
	08	9898	04		504	07	07	81	8	02	2	8	6	5											
	11	9908	04		504	00	00	81	8	02	2	8	6	5											
	14	9910	05		503	05	04	81	8	02	2	8	5	6			1								
	17	9910	04		502	00	00	81	8	02	2	8	5	6			1								
	20	9910	03		503	07	02	81	8	70	7	8	5	6											
	23	9905	03		502	00	00	81	8	70	7	8	5	6						07	20	275	0000	05	03
24	02	9900	02		505	00	00	40	8	70	7	8	5	6											
	05	9906	500		507	00	00	82	2	01	7	2	5	6	0	0									
	08	9913	500		509	14	06	82	7	03	1	7	5	6											
	11	9925	504		513	00	00	82	6	01	2	6	5	6	0	0									
	14	9935	504		512	03	03	82	5	01	2	5	5	6	0	0									
	17	9944	507		513	10	03	82	4	02	2	4	5	6	0	0									
	20	9955	510		518	13	06	82	0	02	0	0													
	23	9963	511		521	00	00	82	0	02	0	0								12	10	105	0000	02	511
25	02	9971	510		519	13	04	82	0	02	0	0	0	9	0	0									
	05	9973	509		518	00	00	82	0	02	0	0	0	9	0	0									
	08	9970	510		517	12	06	82	4	03	0	4	0	9	1	0		7							
	11	9976	507		514	11	06	82	7	03	2	7	0	9	7			7							
	14	9975	506		512	10	05	82	8	02	2	8	0	9	7			7							
	17	9985	506		512	12	05	82	8	02	2	8	0	9	3										
	20	9978	510		518	13	07	82	4	01	2	4	0	9	3	0		4							
	23	9972	514		522	13	07	82	2	01	0	2	0	9	3	0		4		13	12	171	0000	516	506
26	02	9964	516		525	13	09	82	0	01	0	0	0	9	0	0									
	05	9958	515		524	13	03	82	0	02	0	0	0	9	0	0									
	08	9955	515		521	08	06	82	0	02	0	0	0	9	0	0									
	11	9950	517		525	00	00	82	0	02	0	0	0	9	0	0									
	14	9949	513		522	14	07	82	0	02	0	0	0	9	0	0									
	17	9943	516		525	13	07	82	0	02	0	0	0	9	0	0									
	20	9939	516		524	12	08	82	0	02	0	0	0	9	0	0									
	23	9940	515		524	12	06	82	0	02	0	0	0	9	0	0				12	10	074	0000	514	517
27	02	9948	517		528	12	05	82	0	02	0	0	0	9	0	0									
	05	9949	517		528	12	07	82	0	02	0	0	0	9	0	0									
	08	9958	516		526	12	05	82	8	03	0	7	0	9	0	0									
	11	9959	514		524	12	05	82	5	03	1	2	5	8	0	0		5							
	14	9962	510		520	11	06	82	8	03	2	2	0	9	0	6		5							
	17	9950	508		518	12	05	82	8	03	2	2	8	9	0	2		5							
	20	9945	505		515	12	01	82	8	03	2	2	8	9	0	2		5							
	23	9933	503		516	12	04	82	8	02	2	8	0	9	1	8		5		12	06	155	0000	503	518

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas.	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St. miles	Points	°F	°F
28	02	9933	503		509	14	04	40	8	71	2	8	0	9	2										
	05	9931	501		505	13	04	16	8	71	7	8	0	9	2										
	08	9930	501		505	14	04	16	8	02	7	8	0	9	2										
	11	9938	00		504	00	00	40	8	71	7	8	0	9	2										
	14	9934	03		502	18	09	08	8	71	7	8	7	5											
	17	9945	03		501	19	10	08	8	71	7	8	6	5											
	20	9949	03		501	18	10	08	8	71	7	8	6	5						18	14	138	0002	06	503
	23	9954	06		501	19	09	08	8	71	7	8	6	5											
29	02	9956	05		503	00	00	08	8	02	7	8	6	5											
	05	9964	01		506	14	01	80	5	01	2	5	5	7	0	0									
	08	9965	503		510	12	26	82	1	01	0	1	5	7	0	0									
	11	9970	504		511	12	05	82	2	02	0	2	0	9	0	8									
	14	9969	504		511	13	10	82	4	03	0	2	5	7	0	4									
	17	9971	502		511	11	10	82	3	02	1	3	0	9	2	0									
	20	9966	505		511	13	09	82	3	02	0	3	0	9	2	0									
	23	9961	505		512	12	08	82	3	02	0	3	0	9	2	0				11	16	138	0002	05	506
30	02	9954	505		513	09	09	82	0	02	0	0	0	9	0	0									
	05	9934	503		510	00	00	82	0	02	0	0	0	9	0	0									
	08	9936	00		507	13	11	82	5	03	0	5	0	9	0	6			7						
	11	9921	00		508	11	09	82	8	03	2	3	0	9	1	7		4	7						
	14	9918	02		509	12	10	82	8	02	2	8	0	9	0	7			7						
	17	9916	01		508	12	11	82	3	01	2	3	0	9	0	8			7						
	20	9926	00		509	12	14	82	1	02	0	1	0	9	0	8			7						
	23	9933	00		510	12	09	82	1	02	0	1	0	9	0	8			7	11	27	228	0000	02	503

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	02	9930	00		509	10	20	81	1	02	0	0	0	9	0	8			7						
	05	9923	501		511	13	08	81	1	02	0	0	0	9	0	8			7						
	08	9930	501		510	14	08	81	1	02	0	0	0	9	0	8			7						
	11	9896	02		506	12	12	81	2	03	0	0	0	9	0	6			7						
	14	9874	02		506	14	15	81	3	03	0	0	0	9	0	6			7						
	17	9856	03		506	14	20	81	2	36	0	0	0	9	0	8			7						
	20	9854	03		508	13	14	81	1	36	0	0	0	9	0	8			7						
	23	9820	02		509	14	15	81	1	36	0	0	0	9	0	8			7	14	33	272	0000	05	503
02	02	9813	00		511	11	17	81	0	02	0	0	0	9	0	0									
	05	9812	502		513	12	13	81	0	02	0	0	0	9	0	0									
	08	9813	503		513	14	13	81	1	03	0	1	5	6	0	0	1								
	11	9820	503		512	13	10	81	2	03	0	2	5	6	0	0	1								
	14	9824	03		515	11	07	81	7	03	2	7	5	6			1								
	17	9834	07		505	14	07	81	8	03	2	8	5	5			1								
	20	9841	09		505	15	01	81	8	03	2	8	5	5			1								
	23	9858	13		502	11	01	81	8	02	2	8	5	5			1			11	32	380	0000	13	503
03	02	9881	13		04	00	00	81	8	02	2	8	5	5			1								
	05	9906	12		09	06	06	40	8	70	7	8	5	5			1								
	08	9919	12		06	09	14	64	8	02	7	8	8	5			1								
	11	9932	12		07	07	26	40	8	36	2	7	8	5	2		1								
	14	9943	12		06	07	24	40	8	36	3	7	8	5	2		1								
	17	9952	12		08	06	30	05		39	3						1								
	20	9974	13		08	05	26	08	8	37	3	8	5	6			1								
	23	9957	13		07	04	21	40	8	36	3	8	5	6			1			05	45	198	0000	14	12
04	02	9938	12		07	10	03	80	8	71	7	8	5	6			1								
	05	9955	13		11	20	07	40	8	71	7	8	5	6			1								
	08	9957	13		12	00	00	16	8	22	7	8	5	6			1								
	11	9959	12		11	17	05	16	8	71	7	8	5	6			1								
	14	9952	09		501	14	08	81	1	01	2	1	5	6			1								
	17	9951	05		505	00	00	81	0	02	0	0	0	9	0	0									
	20	9941	04		508	00	00	81	0	02	0	0	0	9	0	0									
	23	9941	03		510	13	06	81	0	02	0	0	0	9	0	0				05	24	326	0002	14	504
05	02	9946	00		513	00	00	81	0	02	0	0	0	9	0	0									
	05	9939	00		513	14	07	81	0	02	0	0	0	9	0	0									
	08	9952	504		517	00	00	81	1	02	0	0	0	9	0	8			5						
	11	9966	501		514	10	08	81	3	03	0	0	0	9	0	6			5						
	14	9973	501		514	11	05	81	4	14	0	1	7	4	0	6			6						
	17	9979	502		515	10	06	81	3	01	0	1	0	9	2	8			6						
	20	9987	504		517	10	05	81	1	01	0	0	0	9	0	8			6						
	23	9987	502		515	09	09	81	1	02	0	0	0	9	0	8			6	07	15	184	0000	00	504
06	02	9979	503		515	09	09	81	0	02	0	0	0	9	0	0									
	05	9981	00		511	08	07	81	6	03	0	6	5	6			1								
	08	9981	02		506	06	17	81	7	03	2	7	5	6			1								
	11	9978	03		508	05	16	81	7	02	2	7	5	6			1								
	14	9967	01		510	00	00	81	5	01	2	3	5	6	2	8	1								
	17	9949	03		508	20	14	81	8	03	2	8	5	7			1								
	20	9939	04		506	00	00	40	8	71	2	8	5	7			1								
	23	9919	07		05	17	02	40	8	71	7	8	5	7			1			05	24	213	0000	07	503
07	02	9900	17		08	08	03	40	8	22	3	8	5	7			1								
	05	9893	19		07	09	17	40	8	02	3	8	5	7			1								
	08	9872	20		08	10	10	40	8	15	2	8	5	6			1								
	11	9854	19		16	06	30	24	8	39	3	8	5	6			1								
	14	9860	19		16	06	33	24	8	39	3	8	5	6			1								
	17	9866	18		15	06	32	16	8	39	3	8	5	6			1								
	20	9885	17		11	06	35	16	8	39	3	8	5	6			1								
	23	9894	14		09	06	30	81	8	36	3	8	5	6			1			05	54	210	0002	21	07
08	02	9895	14		13	05	13	81	8	36	3	8	5	6			1								
	05	9886	15		11	05	17	81	8	02	2	8	5	7			1								
	08	9508	14		09	05	09	81	7	02	2	8	5	7			1								
	11	9911	14		10	00	00	81	8	02	2	8	8	4			1								
	14	9857	15		09	30	08	81	8	02	2	8	5	7			1								
	17	9893	13		05	00	00	81	8	02	2	8	5	7			1								
	20	9888	13		00	00	00	81	8	22	7	8	5	7			1								
	23	9882	10		04	00	00	81	8	02	2	8	5	7			1			05	36	646	0011	15	02
09	02	9885	09		502	06	09	82	8	02	2	8	5	7			1								
	05	9886	07		510	06	07	82	8	02	2	8		7											
	08	9897	02		512	07	02	82	3	01	2	3	5	7	0	0									
	11	9907	02		513	12	02	82	1	01	0	1	5	7	0	0									
	14	9918	02		514	00	00	82	1	03	0	1	0	9	1	0									
	17	9932	01		515	00	00	82	1	02	0	1	0	9	1	0									
	20	9947	03		517	13	01	82	1	02	0	1	0	9	1	0									
	23	9967	00		518	07	16	82	1	02	0	1	0	9	1	0				05	21	143	0000	10	503

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	02	9981	02		518	03	04	82	3	03	0	1	0	9	3	1									
	05	10002	01		516	00	00	82	8	02	2	8	5	6											
	08	10022	03		510	00	00	82	8	02	2	8	5	6											
	11	10046	01		509	05	08	81	8	02	2	8	5	6											
	14	10065	01		508	06	05	81	7	02	2	7	5	6											
	17	10074	01		510	06	03	81	7	02	2	7	5	7											
	20	10087	501		513	06	03	82	6	03	1	1	5	7	5	4									
	23	10086	00		514	00	00	82	3	01	2	3	0	9	5	0				05	19	161	0000	03	501
11	02	10085	502		514	00	00	82	3	02	0	3	0	9	3	0									
	05	10071	502		514	00	00	82	3	02	0	3	0	9	3	0									
	08	10053	505		515	09	05	82	6	03	0	6	5	7	3	0	1								
	11	10028	506		516	15	04	82	3	01	2	3	5	7	0	0	1								
	14	10002	508		516	00	00	82	3	02	2	3	5	7	0	0	1								
	17	9975	507		517	21	04	82	4	02	2	4	5	7	0	0	1								
	20	9939	505		513	20	03	82	6	02	2	6	5	7	0	0	1								
	23	9902	504		506	21	03	82	8	02	2	8	5	7			1			15	10	187	0000	501	509
12	02	9876	503		508	00	00	82	8	02	2	8	5	7			1								
	05	9852	503		510	00	00	82	8	02	2	8	5	7			1								
	08	9822	503		507	00	00	82	8	02	2	8	5	7			1								
	11	9801	503		509	11	01	81	8	02	2	8	5	7			1								
	14	9788	503		508	00	00	40	8	70	2	8	5	7			1								
	17	9776	503		507	12	02	08	8	71	7	8	5	7			1								
	20	9768	00		503	00	00	08	8	70	7	8	3	7			1								
	23	9767	00		510	06	13	81	8	22	7	8	5	7			1			06	28	906	0000	00	506
13	02	9771	502		514	07	12	81	8	02	7	8	5	7	3		1								
	05	9771	506		515	11	02	82	4	02	2	4	0	9	3	0									
	08	9776	505		513	13	02	82	7	03	0	7	0	9	3	0									
	11	9777	501		510	10	01	82	8	03	2	8	5	5											
	14	9777	01		510	08	12	82	8	02	2	8	5	5											
	17	9790	501		509	11	02	82	5	02	1	5	5	6											
	20	9805	503		511	14	02	82	5	02	1	1	5	6	0	4									
	23	9813	504		512	13	04	82	3	02	0	0	0	9	0	8				05	18	175	0000	09	506
14	02	9832	504		511	20	04	82	5	02	2	0	0	9	0	8									
	05	9839	00		507	20	09	82	8	03	2	0	0	9	0	7									
	08	9849	09		503	16	03	82	8	02	2	0	0	9	0	7									
	11	9873	09		502	14	06	82	1	01	2	1	5	6	0	0	1								
	14	9890	09		503	15	08	82	1	02	0	0	0	9	0	4									
	17	9915	06		505	12	07	82	0	00	0	0	0	9	0	0									
	20	9940	07		506	14	09	82	1	02	0	1	3	6	0	0	3								
	23	9959	06		506	15	07	82	1	00	0	1	5	6	0	0	3			23	13	149	0000	09	504
15	02	9995	05		508	14	05	82	0	01	0	0	0	9	0	0									
	05	10006	05		508	13	07	82	0	02	0	0	0	9	0	0									
	08	10025	04		509	12	08	82	0	02	0	0	0	9	0	0									
	11	10041	04		509	13	06	82	0	02	0	0	0	9	0	0									
	14	10043	03		509	14	06	82	1	02	0	1	0	9	1	0									
	17	10047	02		512	13	07	82	1	02	0	1	0	9	1	0									
	20	10029	01		512	12	03	82	0	02	0	0	0	9	0	0									
	23	10012	01		513	12	07	82	0	02	0	0	0	9	0	0				14	11	226	0000	06	501
16	02	9991	01		513	15	08	82	2	02	0	0	0	9	0	8									
	05	9965	01		512	13	06	82	3	02	2	1	0	9	3	6									
	08	9930	02		517	14	07	82	0	22	0	0	0	9	0	0									
	11	9903	00		513	14	07	82	0	02	0	0	0	9	0	0									
	14	9878	501		514	15	04	82	0	02	0	0	0	9	0	0									
	17	9847	01		513	15	09	82	1	02	0	0	0	9	0	5									
	20	9834	501		512	00	00	82	5	03	0	0	0	9	0	6									
	23	9817	00		15	13	07	82	1	02	0	0	0	9	0	5				20	21	173	0000	04	504
17	02	9801	502		517	13	07	82	0	02	0	0	0	9	0	0									
	05	9796	503		518	13	06	82	0	02	0	0	0	9	0	0									
	08	9782	504		518	14	06	82	0	02	0	0	0	9	0	0									
	11	9763	506		520	14	06	82	0	02	0	0	0	9	0	0									
	14	9743	505		516	05	07	82	1	02	0	0	0	9	0	5									
	17	9729	505		520	14	07	82	1	02	0	0	0	9	0	5									
	20	9717	506		521	13	03	82	0	02	0	0	0	9	0	0									
	23	9705	508		524	12	04	82	0	02	0	0	0	9	0	0				13	14	203	0000	00	509
18	02	9707	507		522	08	07	82	0	02	0	0	0	9	0	0									
	05	9712	509		522	07	10	82	0	02	0	0	0	9	0	0									
	08	9728	509		521	06	22	82	2	03	0	2	5	5	0	0		8							
	11	9763	508		517	05	35	40	8	36	3	8	7	5				1							
	14	9792	508		514	04	30	08	8	37	3	8	7	5				1							
	17	9827	509		517	04	25	08	8	36	3	8	7	5											
	20	9852	509		519	06	26	81	0	01	3	0	0	9	0	0									
	23	9844	507		515	06	24	81	0	02	0	0	0	9	0	0				08	37	311	0000	506	509

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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	9849	507		518	06	10	82	0	02	0	0	0	9	0	0									
	05	9842	508		520	18	08	82	3	02	0	3	5	7	0	0	1								
	08	9841	505		517	18	07	48	8	71	2	8	5	7			1								
	11	9838	503		510	14	08	64	8	71	2	8	5	7			1								
	14	9839	500		503	13	02	08	8	71	7	8	5	7			1								
	17	9836	00		502	10	07	08	8	71	7	8	5	7			1								
	20	9836	01		503	05	17	08	8	71	7	8	5	7			1								
	23	9834	05		01	06	15	16	8	71	7	8	5	7			1			04	26	426	0000	505	508
20	02	9835	05		03	06	12	16	8	71	7	8	5	7											
	05	9834	06		04	11	02	16	8	71	7	8	6	5			1								
	08	9835	06		04	06	08	08	8	71	7	8	6	5			1								
	11	9848	06		01	09	04	80	8	01	7	8	5	7			1								
	14	9865	00		509	12	09	81	6	02	7	8	5	7			1								
	17	9874	503		510	15	09	82	1	01	7	2	5	7	0		1								
	20	9869	507		514	11	09	82	0	02	1	1	0	7	0		1								
	23	9875	507		520	10	09	82	0	02	0	0	0	9	0	8	1			15	16	273	0002	06	509
21	02	9886	508		519	13	02	82	0	02	0	0	0	9	0	0									
	05	9895	508		519	13	05	82	0	02	0	0	0	9	0	0									
	08	9906	509		519	14	02	82	0	02	0	0	0	9	0	0									
	11	9920	509		519	14	06	82	0	02	0	0	0	9	0	0									
	14	9930	511		521	21	01	82	0	02	0	0	0	9	0	0									
	17	9936	510		521	04	02	82	0	02	0	0	0	9	0	0									
	20	9941	510		522	09	10	82	0	02	0	0	0	9	0	0									
	23	9931	506		521	00	00	82	0	02	0	0	0	9	0	0				13	13	199	0000	506	514
22	02	9924	509		522	00	00	82	0	02	0	0	0	9	0	0									
	05	9901	509		521	16	06	82	0	02	0	0	0	9	0	0									
	08	9875	514		524	00	00	82	0	02	0	0	0	9	0	0									
	11	9857	509		522	09	06	82	0	02	0	0	0	9	0	0									
	14	9828	510		521	05	06	82	0	02	0	0	0	9	0	0									
	17	9810	512		522	12	02	82	0	02	0	0	0	9	0	0									
	20	9797	511		521	17	02	82	0	02	0	0	0	9	0	0									
	23	9790	512		522	00	00	82	0	02	0	0	0	9	0	0				09	12	099	0000	507	515
23	02	9781	519		528	00	00	82	0	02	0	0	0	9	0	0									
	05	9784	513		524	00	00	82	0	02	0	0	0	9	0	0									
	08	9783	508		521	11	05	82	0	02	0	0	0	9	0	0									
	11	9789	513		524	13	04	82	0	02	0	0	0	9	0	0									
	14	9804	512		523	11	05	82	0	02	0	0	0	9	0	0									
	17	9815	513		525	12	07	82	0	02	0	0	0	9	0	0									
	20	9821	508		519	10	09	82	7	02	2	7	5	7			1								
	23	9831	509		521	10	07	82	2	01	2	2	5	7	0	0	1			07	14	119	0000	507	519
24	02	9844	510		522	10	10	82	0	02	0	0	0	9	0	0									
	05	9859	509		519	13	04	82	6	03	1	6	5	7	0	0	1								
	08	9865	507		519	16	06	82	7	03	2	7	5	7			1								
	11	9874	505		516	13	02	82	8	02	2	8	5	7			1								
	14	9883	505		515	13	06	82	8	02	2	8	5	7			1								
	17	9890	502		513	13	02	82	8	02	2	8	5	7			1								
	20	9883	00		513	00	00	82	8	02	2	8	5	7			1								
	23	9883	502		515	00	00	82	1	01	2	1	5	7	0	0	1			09	10	172	0000	05	507
25	02	9880	03		509	02	07	82	8	02	1	8	5	7											
	05	9876	04		507	00	00	81	8	02	2	8	5	7			1								
	08	9879	05		503	00	00	81	8	02	2	8	5	7			1								
	11	9879	05		00	08	01	81	8	02	2	8	5	7			1								
	14	9879	09		01	07	08	81	8	02	2	8	5	7			1								
	17	9880	08		00	08	04	81	6	02	2	8	5	7			1								
	20	9865	09		01	07	08	81	8	36	3	8	5	7			1								
	23	9857	08		501	07	10	81	8	02	2	8	5	7			1			05	29	112	0000	09	505
26	02	9844	07		503	09	02	40	8	22	7	8	5	7											
	05	9836	07		501	04	04	81	8	02	2	8	5	7			1								
	08	9833	05		502	10	05	81	8	02	2	8	5	7			1								
	11	9840	04		501	08	03	81	7	01	2	7	5	7			1								
	14	9847	04		502	05	02	81	7	02	2	7	5	7			1								
	17	9856	02		504	10	05	81	6	02	2	6	5	7	0		1								
	20	9878	501		509	09	09	82	3	01	2	5	5	7	0	0	1								
	23	9913	503		511	09	02	82	3	02	0	3	5	7	0	0	1			07	17	228	0000	08	502
27	02	9913	507		516	15	01	82	1	01	0	1	5	7	0	0									
	05	9914	507		517	14	02	82	1	02	0	1	5	6	0	0									
	08	9905	506		517	14	06	82	2	02	0	1	5	6	0	0									
	11	9903	505		516	14	07	82	2	02	0	0	0	9	3	0									
	14	9892	503		514	14	06	82	2	02	0	0	0	9	3	0									
	17	9872	501		512	13	06	82	4	03	0	0	0	9	3	1									
	20	9853	02		511	15	06	82	6	03	2	0	0	9	3	0									
	23	9850	07		06	16	06	40	8	71	2	0	0	9	2	0				14	16	144	0000	13	506

Results of Surface Observations,
DAVIS – May., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
28	02	9836	11		10	19	09	16	8	73	7	0	0	9	2										
	05	9830	13		11	17	09	16	8	73	7	0	0	9	2										
	08	9825	12		05	17	10	16	8	71	7	0	0	9	2										
	11	9815	12		00	17	08	40	8	70	7	0	0	9	2										
	14	9802	11		03	15	07	16	8	70	7	0	0	9	2										
	17	9781	14		03	14	13	72	8	36	7	0	0	9	2										
	20	9760	15		03	12	06	72	8	02	7	0	0	9	2										
	23	9753	16		05	11	10	40	8	70	7	0	0	9	2					14	20	209	0011	16	11
29	02	9748	14		02	11	12	40	8	36	7	0	0	9	2										
	05	9740	15		04	09	16	72	8	36	3	0	0	9	2										
	08	9744	15		07	09	29	64	8	36	3	0	0	9	2										
	11	9750	15		07	10	20	64	8	36	3	0	0	9	2										
	14	9751	15		06	09	22	40	8	36	3	0	0	9	2										
	17	9759	15		09	08	22	24	8	37	3	0	0	9	2										
	20	9773	15		08	08	18	24	8	37	3	0	0	9	2										
	23	9770	13		07	08	35	24	8	37	3	0	0	9	2					07	39	349	0001	15	11
30	02	9770	13		06	08	26	16	8	37	3	0	0	9	2										
	05	9771	12		06	08	27	16	8	37	3	0	0	9	2										
	08	9773	11		05	07	31	16	8	37	3	8	5	6											
	11	9781	10		04	08	23	16	8	37	3	8	5	6											
	14	9784	09		01	07	24	16	8	37	3	8	5	6											
	17	9792	08		502	08	20	40	8	02	3	8	5	6											
	20	9792	07		504	09	17	72	5	01	2	5	5	7											
	23	9792	05		506	10	03	82	5	03	2	5	5	7						07	40	555	0000	13	03
31	02	9795	01		510	14	01	82	3	01	2	3	5	7											
	05	9792	502		513	15	01	82	0	01	0	0	0	9	0	0									
	08	9785	504		514	14	01	82	6	03	0	0	0	9	7										
	11	9787	503		512	00	00	72	8	02	2	0	0	9	7										
	14	9790	503		513	17	03	72	8	02	2	0	0	9	7										
	17	9796	503		513	16	02	82	8	02	2	0	0	9	7										
	20	9808	506		517	00	00	82	4	01	2	0	0	9	7	0									
	23	9816	508		518	13	03	82	7	02	1	0	0	9	2					16	09	311	0000	04	508

Results of Surface Observations,
DAVIS – Jun., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	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	9818	509		519	13	04	82	5	02	1	0	0	9	3	0									
	05	9834	509		520	13	03	92	8	03	0	8	0	9	3										
	08	9843	507		511	12	02	82	8	03	2	8	0	9	2			6							
	11	9853	507		515	16	02	81	8	14	2	8	0	9	2			6							
	14	9856	506		515	15	02	81	8	14	2	8	0	9	2			6							
	17	9864	506		514	17	02	81	8	02	2	8	0	9	2			6							
	20	9866	510		518	16	02	82	2	01	2	2	0	9	3	0		6							
	23	9861	514		522	14	06	82	1	02	0	1	0	9	3	0		6		13	09	107	0000	505	517
02	02	9849	514		524	14	03	82	1	02	0	1	0	9	3	0									
	05	9844	517		527	17	05	82	0	02	0	0	0	9	0	0		6							
	08	9840	516		526	16	06	82	0	02	0	0	0	9	0	0									
	11	9831	517		526	16	02	82	0	02	0	0	0	9	0	0									
	14	9823	517		526	00	00	82	0	02	0	0	0	9	0	0									
	17	9821	518		526	00	00	82	2	03	0	0	0	9	0	5									
	20	9808	519		527	00	00	82	0	02	0	0	0	9	0	0									
	23	9800	518		524	00	00	82	0	02	0	0	0	9	0	0				16	10	112	0000	506	519
03	02	9790	517		522	00	00	82	0	02	0	0	0	9	0	0									
	05	9789	517		521	00	00	82	0	02	0	0	0	9	0	0									
	08	9787	514		523	05	01	82	4	03	0	4	5	7	0	0		1							
	11	9794	517		520	05	01	82	8	03	2	8	5	7	0	0		1							
	14	9807	522		526	36	03	82	8	02	2	8	5	7	0	0		1							
	17	9820	525		527	07	06	82	3	01	2	3	5	7	0	0		1							
	20	9827	524		528	05	07	82	1	01	0	1	5	7	0	0		1							
	23	9835	524		528	08	09	82	1	02	0	1	5	7	0	0		1		11	10	078	0000	517	524
04	02	9842	525		529	12	04	82	1	02	0	1	5	7	0	0									
	05	9841	523		527	09	01	82	1	02	0	1	5	7	0	0		1							
	08	9830	519		527	13	04	82	6	02	1	6	5	7	0	0									
	11	9822	515		521	13	04	24	8	02	2	8	5	7											
	14	9810	511		514	14	02	08	8	71	7	8	5	7			7								
	17	9804	509		511	10	02	16	7	02	2	7	5	7			7								
	20	9795	501		502	12	03	16	8	02	2	8	5	7			7								
	23	9794	501		502	20	02	08	8	71	7	8	5	7			5			04	25	157	0000	00	525
05	02	9797	00		502	20	01	16	8	02	7	8	5	7			5								
	05	9779	02		502	17	01	32	8	02	2	8	5	7			1								
	08	9795	03		504	07	04	24	8	15	2	8	5	7			1								
	11	9811	01		505	07	13	16	8	70	7	8	5	7			1								
	14	9809	03		502	05	15	40	8	22	7	8	5	7			1								
	17	9806	07		501	05	16	80	8	02	2	8	5	7			1								
	20	9788	07		05	05	26	08	8	37	3	8	5	7			1								
	23	9780	09		08	07	35	05	8	38	3	8	5	7			1			05	51	135	0000	13	01
06	02	9770	08		04	07	35	05	8	38	3	8	5	7											
	05	9747	10		05	07	30	05	8	38	3	8	5	7											
	08	9714	12		07	09	35	05	8	38	3	8	5	7											
	11	9682	14		12	08	54	01	8	39	3	8	5	7											
	14	9667	15		12	09	48	01	8	39	3	8	5	7											
	17	9681	17		07	09	45	08	8	38	3	8	5	7											
	20	9703	17		12	08	34	09	8	38	3	8	5	7											
	23	9750	17		08	10	18	16	8	36	3	8	5	7						07	69	649	0008	17	10
07	02	9782	17		09	07	13	80	8	02	2	8	5	7			1								
	05	9800	15		06	08	22	80	8	02	2	8	5	7			1								
	08	9823	09		506	06	09	80	6	01	2	6	5	7	0	0	1								
	11	9841	13		503	09	09	81	8	02	2	4	5	7	1	0	1	1							
	14	9846	07		509	13	09	81	5	02	2	5	5	7	1	0	1	1							
	17	9852	05		510	12	07	82	1	01	2	1	5	7	0	0	1								
	20	9841	03		511	14	02	82	5	03	0	0	0	9	3	0									
	23	9833	02		513	11	03	82	2	01	1	1	5	7	3	0				07	37	699	0000	17	02
08	02	9833	502		516	13	01	82	1	02	0	0	0	9	3	0									
	05	9820	500		516	14	01	82	1	02	0	0	0	9	1	0		1							
	08	9807	503		517	12	01	82	1	02	0	0	0	9	1	0									
	11	9808	507		519	00	00	82	3	02	0	0	0	9	1	0		3							
	14	9812	507		518	09	03	82	6	03	0	0	0	9	5	0		3							
	17	9808	507		520	15	04	82	6	02	2	0	0	9	5	0		3							
	20	9797	505		518	12	05	82	8	02	2	0	0	9	3	0		3							
	23	9786	503		516	09	07	82	7	02	2	0	0	9	3	0		1		07	12	264	0000	00	508
09	02	9782	505		517	05	08	82	4	01	1	0	0	9	3	0		1							
	05	9773	509		520	04	09	82	5	02	2	0	0	9	3	0		1							
	08	9760	510		521	07	08	82	5	02	2	0	0	9	2	0		3							
	11	9749	512		523	08	07	82	4	03	0	0	0	9	3	2		3							
	14	9744	513		525	10	05	82	7	03	2	0	0	9	3	3		3							
	17	9740	513		527	08	02	82	7	02	2	0	0	9	3	6		3	5						
	20	9747	515		526	10	04	82	8	02	2	0	0	9	0	7			6						
	23	9760	515		527	07	07	82	6	02	2	0	0	9	3	0				05	17	081	0000	510	517

Results of Surface Observations,
DAVIS — Jun., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	02	9790	517		528	07	05	82	6	02	2	0	0	9	3	0		4							
	05	9820	516		527	07	09	82	6	02	2	0	0	9	0	8			6						
	08	9858	515		527	07	08	82	6	02	2	0	0	9	0	8			6						
	11	9889	515		527	05	09	82	7	03	2	0	0	9	0	5			6						
	14	9916	516		528	07	04	82	4	03	1	4	5	7	0	0	1								
	17	9939	515		527	00	00	82	1	01	1	1	5	7	0	0	1								
	20	9956	515		526	00	00	82	0	01	0	0	0	9	0	0									
	23	9974	514		521	00	00	82	8	03	1	0	0	9	0	7			6	05	16	161	0000	515	517
11	02	9975	511		522	05	05	82	8	02	2	0	0	9	0	7			6						
	05	9974	510		519	00	00	82	8	02	2	0	0	9	0	7			6						
	08	9967	508		517	00	00	82	8	02	2	8	5	7											
	11	9951	509		514	02	08	82	8	71	7	8	5	7											
	14	9941	505		507	02	03	08	8	71	7	8	5	7											
	17	9931	501		503	00	00	08	8	71	7	8	5	7											
	20	9919	01		500	02	07	08	8	71	7	8	5	7											
	23	9897	502		504	00	00	08	8	70	7	8	5	7						05	11	165		01	512
12	02	9884	04		01	00	00	08	8	70	7	8	5	7											
	05	9861	501		505	34	02	82	8	01	7	8	5	7											
	08	9835	501		506	32	05	80	8	02	2	8	5	6			5								
	11	9817	507		511	34	10	80	8	02	2	8	5	6			5								
	14	9799	510		515	34	12	80	7	02	3	5	5	6	3		5								
	17	9786	510		516	34	14	82	0	01	2	0	0	9	0	0									
	20	9781	514		519	28	03	82	0	02	0	0	0	9	0	0									
	23	9783	513		519	27	09	82	0	03	0	2	0	9	5	0				35	17	125	0000	04	516
13	02	9805	513		518	27	07	82	0	01	2	0	0	9	0	0									
	05	9816	515		523	23	09	82	0	01	0	0	0	9	0	0									
	08	9827	515		520	27	09	82	8	03	1	8	5	6			1								
	11	9836	516		520	31	06	80	3	01	2	3	5	6	0	0	1								
	14	9853	516		520	17	02	80	3	02	2	3	5	6	0	0	1								
	17	9862	516		518	27	04	82	0	02	0	0	0	9	0	0									
	20	9874	518		520	31	08	82	0	02	0	0	0	9	0	0									
	23	9874	521		523	28	07	08	0	48	4	0	0	9	0	0				28	10	209	0000	512	521
14	02	9872	514		516	25	06	82	8	02	4	8	0	9	1										
	05	9875	512		513	29	05	82	8	02	2	8	0	9	2										
	08	9879	513		515	26	01	08		44	4														
	11	9880	512		514	29	01	15	8	42	4	8	6	4											
	14	9884	511		517	29	01	40	8	02	2	8	0	9	2										
	17	9888	511			28	02	64	8	01	2	8	0	9	1										
	20	9886	515			00	00	40	0	28	4	0	0	9	0	0									
	23	9882	516		518	30	04	08	0	48	4	0	0	9	0	0				31	09	096	0000	507	516
15	02	9881	516		518	00	00	80	0	28	4	0	0	9	0	0									
	05	9879	514		517	00	00	82	0	02	0	0	0	9	0	0									
	08	9875	509		513	14	09	82	2	03	0	2	5	6	0	0	1								
	11	9871	511		516	15	09	82	2	02	0	2	5	6	0	0	1								
	14	9870	511		517	15	09	82	2	02	0	2	5	6	0	0	1								
	17	9865	510		516	15	09	82	5	03	0	5	5	6	0	0	1								
	20	9847	510		516	15	14	80	8	03	0	8	5	6	0	0	3								
	23	9842	511		519	14	05	00	2	01	2	2	5	6	0	0	3			12	10	090	0000	508	516
16	02	9830	512		520	00	00	82	0	02	0	0	0	9	0	0									
	05	9817	506		512	18	08	82	8	03	1	8	5	6			1								
	08	9807	506		512	18	03	80	8	02	2	8	5	6			1								
	11	9795	501		507	11	05	80	8	02	2	8	5	6			1								
	14	9781	502		510	11	09	82	5	01	2	2	5	6	1	0	1								
	17	9770	502		509	11	06	82	2	02	0	2	0	9	1	0	8								
	20	9751	09		03	15	05	80	8	02	2	8	5	6			2								
	23	9738	14		02	13	09	80	8	02	2	8	5	6			2			16	23	184	0000	15	512
17	02	9732	15		03	08	14	80	8	02	2	8	5	6			2								
	05	9725	16		06	07	22	80	8	02	2	8	5	6			1								
	08	9728	17		05	08	15	80	7	02	2	7	5	6			1								
	11	9735	17		06	07	13	80	7	02	2	7	5	6			1								
	14	9730	19		06	07	26	80	6	02	2	6	5	6			1								
	17	9741	19		08	06	26	80	6	02	2	6	5	6			1								
	20	9756	18		06	07	27	80	8	02	2	8	5	6			1								
	23	9764	17		05	06	35	80	8	02	3	8	5	6			1			08	56	233	0000	19	16
18	02	9787	17		05	06	37	80	7	02	3	7	5	6			1								
	05	9810	17		07	06	32	80	8	02	3	8	5	6											
	08	9837	17		07	05	37	80	8	02	2	8	5	6											
	11	9858	16		09	04	18	80	8	03	2	8	6	6	7			1							
	14	9872	17		08	07	18	80	8	03	2	6	6	6	7	8		1							
	17	9884	17		06	08	15	80	8	02	2	0	0	9	2			1							
	20	9891	18		09	05	10	80	8	02	2	0	0	9	2			1							
	23	9898	20		08	06	15	80	8	02	2	0	0	9	2			1		08	62	645	0000	21	16

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	9913	20		07	12	03	80	8	02	2	0	0	9	2			1							
	05	9929	15		05	12	05	82	8	02	2	0	0	9	2										
	08	9933	14		09	12	07	82	6	01	2	6	5	6											
	11	9944	10		00	13	12	82	3	01	2	3	5	6	0	0									
	14	9959	07		502	16	03	82	2	01	2	2	5	6	0	0									
	17	9970	05		505	15	04	82	2	01	0	2	5	6	0	0									
	20	9982	06		505	08	01	82	2	00	0	2	5	6	0	0									
	23	10003	01		510	13	04	82	2	02	0	2	5	6	0	0				12	27	258	0000	20	01
20	02	10013	01		511	09	06	82	2	02	0	2	5	6	0	0									
	05	10005	502		513	13	08	82	1	01	0	1	5	6	0	0									
	08	9995	503		513	10	05	82	1	02	0	0	0	9	1	0		4							
	11	9987	503		513	11	04	82	4	03	0	0	0	9	5	0		4							
	14	9979	504		515	11	03	82	2	02	1	0	0	9	5	0		4							
	17	9972	504		515	11	08	82	1	02	0	0	0	9	1	0		4							
	20	9953	506		516	11	07	82	1	02	0	0	0	9	1	0		4							
	23	9929	506		518	11	09	82	2	02	0	0	0	9	1	0		4		11	14	139	0000	03	506
21	02	9908	504		516	12	10	82	2	02	0	0	0	9	1	0		4							
	05	9889	507		518	11	07	82	2	02	0	0	0	9	1	0		4							
	08	9865	505		518	12	10	82	0	02	0	0	0	9	0	0									
	11	9849	507		518	11	11	82	0	02	0	0	0	9	0	0									
	14	9841	509		520	11	10	82	0	02	0	0	0	9	0	0									
	17	9838	511		521	11	09	82	0	02	0	0	0	9	0	0									
	20	9838	511		521	09	09	82	0	02	0	0	0	9	0	0									
	23	9843	512		523	08	08	82	0	02	0	0	0	9	0	0				12	16	217	0000	504	512
22	02	9860	512		522	06	09	82	0	02	0	0	0	9	0	0									
	05	9870	509		517	03	12	82	0	02	0	0	0	9	0	0									
	08	9905	507		513	02	45	82	2	03	0	2	5	6	0	0									
	11	9935	00		506	02	40	82	8	03	1	8	5	6	0	0									
	14	9952	00		506	02	44	40	8	36	2	8	5	6											
	17	9984	501		504	02	40	08	8	38	3	8	5	6											
	20	10010	502		508	03	24	40	8	36	3	8	5	6											
	23	10028	502		508	03	20	80	8	02	3	8	5	6						02	56	248	0000	00	513
23	02	10035	503		510	02	15	80	8	02	2	8	5	6											
	05	10045	503		510	08	07	82	8	02	2	8	5	6											
	08	10046	502		511	01	01	82	8	02	2	8	5	7											
	11	10046	501		506	00	00	40	8	70	2	8	5	7											
	14	10044	00		503	00	00	40	8	70	7	8	5	7											
	17	10044	01		502	14	03	40	8	22	7	8	5	7											
	20	10045	02		501	14	03	40	8	02	2	8	5	7											
	23	10048	06		509	04	01	40	6	01	2	6	5	7	0	0				02	24	502	0000	06	503
24	02	10043	02		510	00	00	82	4	02	0	4	5	7	0	0									
	05	10047	01		510	10	01	82	4	02	0	4	5	7	0	0									
	08	10036	01		510	11	06	82	1	02	0	1	5	6	0	0									
	11	10039	501		510	11	09	82	7	02	1	4	5	6	5		1	7							
	14	10037	00		509	12	11	82	7	02	2	4	5	6	5		1	7							
	17	10033	501		510	11	10	82	1	01	1	1	5	6			1								
	20	10029	501		512	10	08	82	1	02	0	1	5	6			2								
	23	10029	503		514	10	10	82	1	02	0	1	5	6			2			12	17	106	0000	03	503
25	02	10026	503		515	09	07	82	0	02	0	0	0	9	0	0									
	05	10016	505		516	11	10	82	2	02	0	2	5	6	0	0	1								
	08	10012	506		516	10	08	82	0	02	0	0	0	9	0	0									
	11	9998	505		516	10	13	82	0	02	0	0	0	9	0	0									
	14	9995	508		518	11	08	82	0	02	0	0	0	9	0	0									
	17	9987	509		519	10	05	82	0	02	0	0	0	9	0	0									
	20	9969	511		521	11	06	82	0	02	0	0	0	9	0	0									
	23	9961	509		521	08	10	82	0	02	0	0	0	9	0	0				09	25	234	0000	505	513
26	02	9947	510		523	06	05	82	0	02	0	0	0	9	0	0									
	05	9936	513		524	05	08	82	0	02	0	0	0	9	0	0									
	08	9940	513		524	04	07	82	3	03	0	0	0	9	0	6			1						
	11	9930	511		523	04	18	82	6	03	2	6	5	6	0	0	1		1						
	14	9922	509		520	03	24	80	8	36	2	0	0	9	2			1							
	17	9916	507		519	04	18	80	8	03	2	0	0	9	2			1							
	20	9917	509		520	03	18	80	8	02	2	0	0	9	2			8							
	23	9910	507		515	03	18	40	8	70	7	0	0	9	2			8		03	36	181	0000	507	512
27	02	9903	509		518	02	16	80	8	22	7	0	0	9	2			8							
	05	9903	509		517	03	10	08	8	71	7	8	0	5	2		1								
	08	9906	510		517	04	05	08	8	71	7	8	0	5	2		1								
	11	9912	509		517	00	00	16	8	71	7	8	0	5	2		1								
	14	9915	508		515	00	00	40	8	02	2	0	0	9	2										
	17	9915	509		516	13	05	40	8	02	2	0	0	9	2										
	20	9919	509		517	13	05	40	8	02	2	0	0	9	2										
	23	9912	509		519	13	03	40	8	02	2	0	0	9	2					04	24	335	0000	505	510

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LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	02	9897	501		508	19	10	40	8	02	2	0	0	9	2										
	05	9879	07		501	00	00	40	8	02	2	0	0	9	2										
	08	9862	05		02	18	07	40	8	02	2	8	5	6											
	11	9847	07		04	18	06	40	8	02	7	8	5	6											
	14	9807	02		510	12	07	80	8	02	2	5	5	6	2										
	17	9768	03		508	11	08	82	3	01	2	0	0	9	2	0									
	20	9690	09		00	00	00	82	8	02	1	0	0	9	2										
	23	9635	10		03	00	00	20	8	02	2	8	0	9	2					08	16	123		12	501
29	02	9596	13		13	22	08	40	8	71	7	8	0	9	2										
	05	9523	15		08	23	05	40	8	71	7	8	0	9	2										
	08	9516	15		14	14	06	04	8	71	7	8	7	5			1								
	11	9530	20		19	05	10	04	8	73	7	8	7	5			1								
	14	9544	20		18	04	13	15	8	22	7	5	7	5	2		1								
	17	9553	20		15	04	13	24	8	22	7	8	7	5			1								
	20	9575	07		04	24	07	24	8	71	7	8	7	5			1								
	23	9590	03		501	26	09	04	8	73	7	8	7	5			1			02	22	149	0025	20	01
30	02	9634	502		507	29	07	04	8	73	7	8	7	5			1								
	05	9680	505		509	29	05	40	6	71	7	6	5	6			8								
	08	9727	505		509	00	00	82	6	01	7	6	5	6			8								
	11	9764	509		513	04	03	80	5	03	1	5	5	6	0	0	8								
	14	9809	508		513	03	03	80	8	15	2	8	5	6			8								
	17	9836	511		517	07	10	72	0	01	1	0	0	9	0	0									
	20	9863	506		510	09	02	72	8	03	4	8	5	6			8								
	23	9875	503		509	00	00	72	8	02	2	8	5	6						05	14	183	0015	01	511

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
01	02	9884	503		508	00	00	72	8	02	2	8	5	6											
	05	9884	503		508	00	00	72	8	02	2	8	5	6											
	08	9908	502		504	19	05	72	8	02	2	8	5	5											
	11	9917	503		507	19	07	72	8	02	2	8	5	5											
	14	9929	508		511	19	01	72	8	02	2	8	5	5											
	17	9931	510		513	19	02	72	3	01	1	3	0	9	5	0									
	20	9929	511		515	19	02	72	2	01	1	2	0	9	5	0									
	23	9925	506		509	19	09	72	8	03	1	8	5	6						18	10	103	0000	502	511
02	02	9914	505		507	18	07	72	8	03	2	8	5	6											
	05	9913	505		507	19	03	72	8	02	2	8	5	6			7								
	08	9904	507		510	20	03	40	8	71	2	8	5	6			7								
	11	9899	509		511	17	02	08	8	71	7	8	5	6			7								
	14	9899	509		512	23	05	40	8	02	2	8	5	6			7								
	17	9903	513		516	24	04	40	8	02	2	8	5	6											
	20	9904	517		520	00	00	40	8	02	2	8	5	6											
	23	9905	522		526	00	00	40	3	10	2	3	5	6	0	0				18	12	029	0001	505	522
03	02	9892	524		528	00	00	72	0	01	2	0	0	0	0	0									
	05	9891	523		527	05	03	82	8	03	0	8	6	5											
	08	9878	522		525	05	04	82	8	02	2	8	5	5			7								
	11	9870	520		523	04	03	80	8	02	2	8	5	5			7								
	14	9868	520		523	00	00	72	8	02	2	8	5	5			7								
	17	9869	521		524	12	02	72	8	02	2	8	5	5											
	20	9874	526		530	16	02	82	0	01	2	0	0	0	0	0									
	23	9879	523		527	18	04	82	0	02	0	0	0	0	0	0				16	06	123	0000	520	527
04	02	9879	527		531	16	06	82	0	02	0	0	0	0	0	0									
	05	9883	525		529	00	00	82	0	02	0	0	0	0	0	0									
	08	9885	526		530	14	02	82	0	02	0	0	0	0	0	0									
	11	9874	527		530	16	05	82	1	03	0	1	0	9	1	0									
	14	9871	536		539	09	01	82	1	02	0	1	0	9	1	0									
	17	9874	536		539	00	00	82	1	02	0	1	0	9	1	0									
	20	9864	527		531	23	04	82	0	02	0	0	0	9	0	0									
	23	9859	535		538	12	04	82	0	02	0	0	0	9	0	0				12	14	115	0000	524	536
05	02	9844	530		534	08	09	82	3	02	0	3	6	5	0	0									
	05	9828	522		526	08	07	82	8	03	2	8	5	5											
	08	9808	517		521	04	08	82	8	02	2	8	5	5											
	11	9796	515		519	09	03	82	8	02	2	8	5	5											
	14	9781	513		519	17	06	82	8	02	2	8	5	5											
	17	9794	511		515	09	03	40	8	71	2	8	5	5											
	20	9808	513		515	06	04	72	8	71	7	5	5	5	0	7									
	23	9814	512		514	00	00	72	8	71	7	8	0	9	1					18	14	117	0000	511	535
06	02	9842	513		514	00	00	72	8	01	2	8	0	9	1										
	05	9848	516		519	00	00	16	8	71	7	8	6	4											
	08	9850	515		516	00	00	24	8	02	7	8	6	3											
	11	9854	517		519	08	02	40	6	02	2	3	5	7	5										
	14	9855	515		523	10	02	40	6	02	2	3	5	7	5										
	17	9870	517		525	09	05	72	4	02	2	4	0	9	5	0									
	20	9892	518		528	11	04	72	6	02	2	3	0	9	5	8									
	23	9913	520		530	09	05	82	0	02	0	0	0	9	0	0				10	09	074	0000	511	522
07	02	9932	522		532	09	06	83	0	02	0	0	0	9	0	0									
	05	9956	520		532	09	05	83	0	03	0	0	0	9	0	0									
	08	9958	523		534	12	06	82	0	02	0	0	0	9	0	0									
	11	9958	524		534	09	07	82	1	02	0	1	0	9	1	0		5							
	14	9953	523		534	08	02	82	3	02	0	3	0	9	1	0		5							
	17	9942	523		534	11	07	82	3	02	0	3	0	9	1	0		5							
	20	9924	523		532	07	09	82	7	03	1	7	0	9	1	0		5							
	23	9913	522		532	00	00	81	8	02	2	5	0	9	1	7		5		07	10	074	0000	513	526
08	02	9883	521		531	00	00	81	8	02	2	0	0	9	0	7									
	05	9861	520		530	16	01	81	8	02	2	8	0	9	1										
	08	9860	513		524	01	03	81	8	02	2	8	0	9	1										
	11	9851	513		524	00	00	81	8	03	2	8	0	9	2										
	14	9841	513		521	00	00	81	8	02	2	8	0	9	2										
	17	9836	509		519	10	10	81	8	01	2	8	0	9	1										
	20	9832	513		523	10	10	82	0	02	0	0	0	9	0	0									
	23	9823	516		526	10	09	82	0	02	0	0	0	9	0	0				11	17	065	0000	509	521
09	02	9817	522		531	00	00	82	0	02	0	0	0	9	0	0									
	05	9814	519		528	12	13	82	0	02	0	0	0	9	0	0									
	08	9812	522		531	09	11	82	0	02	0	0	0	9	0	0									
	11	9812	521		531	07	10	82	0	02	0	0	0	9	0	0									
	14	9809	525		533	00	00	82	0	02	0	0	0	9	0	0									
	17	9798	525		534	09	04	82	0	02	0	0	0	9	0	0									
	20	9788	519		531	11	02	82	0	02	0	0	0	9	0	0									
	23	9782	519		531	08	10	82	0	02	0	0	0	9	0	0				12	16	106	0000	519	525

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		lib × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	02	9783	520		531	09	10	82	0	02	0	0	0	0	0	0									
	05	9793	519		529	07	11	82	0	02	0	0	0	0	0	0									
	08	9802	520		528	04	09	82	0	02	0	0	0	0	0	0									
	11	9817	516		525	05	12	82	1	03	0	1	5	6	0	0	2								
	14	9834	518		527	03	20	80	1	36	0	1	5	6	0	0	2								
	17	9838	518		527	04	23	82	0	02	0	0	0	0	0	0									
	20	9844	521		532	01	05	82	0	02	0	0	0	0	0	0									
	23	9844	521		532	00	00	82	1	03	0	1	5	6	0	0	1			04	34	171	0000	515	534
11	02	9847	523		534	00	00	82	1	02	0	1	5	6	0	0	1								
	05	9843	525		534	00	00	82	8	03	0	0	0	9	1	0	7	7							
	08	9844	521		532	15	08	82	8	02	2	8	5	7	0	0	1								
	11	9843	520		531	00	00	82	7	02	2	7	5	7	0	0	1								
	14	9843	520		531	00	00	82	8	02	2	8	5	7	0	0	1								
	17	9837	519		529	14	06	82	5	01	2	5	5	7	0	0	1								
	20	9826	515		524	00	00	82	8	02	2	8	5	7			1								
	23	9808	517		524	19	07	82	8	01	1	8	5	7	0	7	1			17	10	199	0000	511	523
12	02	9785	518		526	20	04	82	1	02	1	1	5	7	0	0	1								
	05	9745	512		521	20	14	81	8	02	2	8	5	6			4								
	08	9726	511		519	19	14	81	6	02	2	0	0	9	7	0		2							
	11	9720	513		520	05	05	81	6	03	1	0	0	9	7	0		2							
	14	9757	518		522	34	01	81	3	03	2	0	0	9	2	0		2							
	17	9790	517		520	04	06	81	1	01	1	0	0	9	2	0		2							
	20	9824	516		520	04	07	81	8	70	2	0	0	9	2	0		1							
	23	9860	516		520	05	05	81	8	02	2	0	0	9	2	0		1		20	24	152	0000	511	518
13	02	9904	515		519	02	11	81	8	02	2	8	5	6			1								
	05	9950	514		518	01	17	40	8	36	7	8	5	6											
	08	9987	515		519	01	22	40	5	36	3	5	5	6	0	0									
	11	10003	518		522	03	12	80	1	01	3	1	5	6	0	0									
	14	10015	519		524	07	08	80	1	02	0	1	5	6	0	0									
	17	10011	518		524	09	03	80	3	03	0	3	5	6	0	0	1								
	20	10020	515		521	14	06	80	4	02	0	3	5	6	0	0	1								
	23	10017	509		514	16	01	40	8	71	7	8	5	6						01	29	220	0000	509	519
14	02	10008	506		510	14	06	15	8	71	7	8	5	6											
	05	9974	502		506	18	08	40	8	02	7	8	5	6											
	08	9920	01		501	20	06	08	8	71	7	8	5	6			1								
	11	9870	05		04	06	07	15	8	73	7	8	5	6			1								
	14	9809	14		09	05	12	15	8	73	7	8	5	6			1								
	17	9762	14		08	05	13	15	8	36	3	8	5	6			1								
	20	9712	17		13	05	17	05	8	38	3	8	5	6			1								
	23	9687	13		11	02	10	15	8	36	3	8	5	6			1			05	36	191	0002	17	509
15	02	9672	14		11	04	17	15	8	36	3	8	5	6			1								
	05	9670	11		10	03	23	05	8	38	3	8	5	6			1								
	08	9665	08		08	03	25	05	8	38	3	8	6	5											
	11	9651	12		12	05	40	00		39	3														
	14	9688	07		05	04	35	01		30	3														
	17	9713	09		07	04	30	01		33	3														
	20	9721	13		10	02	27	04	8	38	3	8	7	5											
	23	9722	14		09	03	31	08	0	37	3	0	0	9	0	0				05	55	230	0006	15	07
16	02	9727	15		15	03	35	03		39	3														
	05	9748	15		14	02	35	03		39	3														
	08	9744	15		15	02	24	03		39	3														
	11	9808	13		12	04	16	08	8	73	3	8	6	4			1								
	14	9825	12		10	08	04	80	8	32	7	2	6	4	2		1								
	17	9828	10		00	08	10	80	8	02	2	0	0	9	2										
	20	9831	09		502	07	10	80	8	01	2	0	0	9	1										
	23	9833	05		507	10	08	80	5	01	1	0	0	9	1					02	35	1084	0000	15	03
17	02	9858	502		513	10	09	81	0	02	0	0	0	9	0	0									
	05	9857	502		515	09	07	82	0	02	0	0	0	9	0	0									
	08	9867	504		517	08	05	82	0	02	0	0	0	9	0	0									
	11	9880	505		510	09	03	82	1	02	0	1	5	7	0	0		7							
	14	9888	504		518	07	03	82	1	02	0	1	5	7	0	0		7							
	17	9889	507		521	08	05	82	0	02	0	0	0	9	0	0									
	20	9893	507		522	00	00	82	0	02	0	0	0	9	0	0									
	23	9890	507		522	00	00	82	0	02	0	0	0	9	0	0				07	14	218	0000	02	508
18	02	9897	510		525	00	00	82	0	02	0	0	0	9	0	0									
	05	9895	510		524	18	01	82	0	02	0	0	0	9	0	0									
	08	9897	508		524	00	00	82	0	02	0	0	0	9	0	0									
	11	9907	510		524	00	00	82	0	02	0	0	0	9	0	0									
	14	9932	516		529	11	06	82	0	02	0	0	0	9	0	0									
	17	9941	517		529	11	09	82	0	02	0	0	0	9	0	0									
	20	9967	519		531	12	06	82	0	02	0	0	0	9	0	0									
	23	9977	520		533	12	07	82	0	02	0	0	0	9	0	0				08	14	076	0000	507	521

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	02	9985	519		527	11	07	82	0	02	0	0	0	9	0	0									
	05	9988	520		533	00	00	82	0	02	0	0	0	9	0	0									
	08	10009	519		531	12	09	82	0	02	0	0	0	9	0	0									
	11	10024	521		531	14	07	82	4	02	0	0	0	9	0	3									
	14	10031	516		526	18	10	82	4	02	0	0	0	9	0	8									
	17	10034	518		527	19	09	82	2	02	0	0	0	9	0	2									
	20	10039	516		521	19	04	82	3	03	1	0	0	9	0	8									
	23	10032	519		524	00	00	82	5	03	1	0	0	9	0	5				19	16	163	0000	516	521
20	02	10030	519		524	00	00	82	4	02	1	0	0	9	0	5									
	05	10020	521		525	11	05	82	0	02	1	0	0	9	0	0									
	08	9994	521		525	00	00	82	4	03	0	0	0	9	0	6			5						
	11	9974	521		525	00	00	82	5	03	1	0	0	9	0	6			5						
	14	9952	520		524	13	02	82	6	03	2	0	0	9	0	6			5						
	17	9934	516		524	00	00	82	8	03	2	0	0	9	0	7			5						
	20	9925	506		516	05	07	82	8	02	2	0	0	9	0	7			6						
	23	9915	504		514	02	08	82	8	03	2	0	0	9	1			7		02	19	123	0000	504	521
21	02	9911	505		513	02	09	82	8	02	2	0	0	9	1			7							
	05	9904	507		514	03	06	82	8	02	2	0	0	9	1										
	08	9900	509		514	04	02	82	8	02	2	0	0	9	1										
	11	9893	509		514	00	00	80	8	02	2	0	0	9	1										
	14	9881	508		515	00	00	80	8	02	2	0	0	9	1										
	17	9878	502		512	12	03	80	8	02	2	0	0	9	1										
	20	9875	502		515	09	04	80	8	02	2	0	0	9	1										
	23	9868	503		513	10	02	80	8	02	2	0	0	9	1					03	21	119	0000	501	509
22	02	9866	505		518	10	04	80	8	02	2	8	0	9	1										
	05	9859	505		516	09	05	80	8	02	2	8	0	9	1			1							
	08	9845	504		517	10	05	80	8	02	2	8	0	9	1			1							
	11	9844	505		517	07	08	81	8	02	2	8	0	9	1			1							
	14	9842	506		518	08	06	81	8	02	2	8	0	9	2			1							
	17	9841	505		517	06	05	81	8	02	2	8	0	9	2			1							
	20	9839	507		519	09	02	81	8	02	2	8	0	9	1			1							
	23	9840	507		519	07	03	81	8	02	2	8	0	9	1			1		05	09	142	0000	503	507
23	02	9846	507		519	05	09	81	8	02	2	8	0	9	1			1							
	05	9853	507		519	04	13	81	5	01	2	5	0	9	1			1							
	08	9875	507		519	03	16	81	6	03	2	6	0	9	2	0		8							
	11	9892	509		520	03	13	81	8	02	1	8	0	9	7			8							
	14	9911	511		522	03	15	82	7	02	2	7	0	9	5			7							
	17	9922	518		529	02	09	82	0	02	0	0	0	9	0	0									
	20	9934	516		527	09	06	82	0	02	0	0	0	9	0	0									
	23	9935	516		529	13	05	82	0	02	0	0	0	9	0	0				04	18	201	0000	507	522
24	02	9940	519		532	15	03	82	0	02	0	0	0	9	0	0									
	05	9940	521		533	00	00	82	0	02	0	0	0	9	0	0									
	08	9946	521		534	00	00	82	0	02	0	0	0	9	0	0									
	11	9929	521		534	10	05	82	0	02	0	0	0	9	0	0									
	14	9921	521		534	10	05	82	0	02	0	0	0	9	0	0									
	17	9916	521		535	00	00	82	0	02	0	0	0	9	0	0									
	20	9891	520		533	09	07	82	0	02	0	0	0	9	0	0									
	23	9880	520		534	10	08	82	0	02	0	0	0	9	0	0				10	10	222	0000	515	523
25	02	9854	518		531	09	04	82	0	02	0	0	0	9	0	0									
	05	9834	514		527	12	05	82	0	02	0	0	0	9	0	0									
	08	9807	516		528	16	03	82	0	02	0	0	0	9	0	0									
	11	9772	521		530	00	00	82	0	02	0	0	0	9	0	0									
	14	9732	521		530	18	04	82	0	02	0	0	0	9	0	0									
	17	9707	516		524	18	09	82	0	02	0	0	0	9	0	0									
	20	9724	522		526	21	03	82	0	02	0	0	0	9	0	0									
	23	9678	523		528	19	02	82	0	02	0	0	0	9	0	0				14	10	093	0000	512	524
26	02	9685	523		528	22	01	82	0	02	0	0	0	9	0	0									
	05	9705	522		526	00	00	82	0	02	0	0	0	9	0	0									
	08	9731	522		526	00	00	82	7	03	0	7	5	6	0	0	1								
	11	9768	523		527	18	02	82	6	02	2	6	5	6	0	0	1								
	14	9811	524		528	11	01	82	3	01	2	3	5	6	0	0	1								
	17	9836	523		527	10	03	82	3	02	0	3	5	6	0	0	1								
	20	9859	521		526	00	00	82	5	02	1	5	5	6	0	0	1								
	23	9864	516		521	18	01	81	8	02	2	8	5	6			1			22	09	094	0000	515	524
27	02	9856	513		519	18	03	81	8	02	2	8	5	6			1								
	05	9833	505		508	12	02	40	8	22	2	8	5	6			1								
	08	9808	08		01	05	10	40	8	02	2	6	5	5	2		1								
	11	9773	09		01	05	22	72	8	36	3	5	5	9	7										
	14	9737	10		07	04	31	10	8	37	3	8	0	9	2										
	17	9719	11		07	04	31	04	8	38	3	8													
	20	9660	14		13	04	54	00		39	3														
	23	9646	13		12	04	45	00		39	3									04	67	146	0000	18	08

Results of Surface Observations,
DAVIS – Jul., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	02	9650	16		11	07	41	40	8	36	3	8	0	9	2										
	05	9654	18		10	05	35	72	8	02	3	8	0	9	2										
	08	9660	18		10	06	35	72	8	02	2	8	5	7											
	11	9640	18		16	06	51	04	8	36	3	8	7	4	2										
	14	9663	19		16	06	45	00		39	3														
	17	9705	18		15	06	42	16	8	01	3	8	0	9	2										
	20	9741	15		15	06	44	00		39	3														
	23	9757	17		14	06	36	16	8	01	3	8	0	9	2					05	60	870	0007	21	15
29	02	9724	21		13	06	35	72	8	02	2	8	0	9	2										
	05	9673	20		17	07	41	24	8	36	3	8	0	9	2										
	08	9623	19		14	07	41	24	8	36	3	8	0	9	2										
	11	9480	20		17	06	50	00	8	39	3	8	0	9	2										
	14	9491	20		18	04	52	00		39	3														
	17	9527	20		18	04	55	00		39	3														
	20	9560	19		17	04	45	01	3	38	3	3	7	5	0	0									
	23	9593	16		14	04	47	01		39	3									07	62	986	0008	21	16
30	02	9659	11		10	03	36	01		39	3														
	05	9746	09		08	03	30	00		39	3														
	08	9798	09		09	03	28	00		39	3														
	11	9826	11		04	04	28	04	8	38	3	8	5	6											
	14	9830	13		11	04	25	04	8	38	3	8	6	6											
	17	9832	14		09	04	30	16	8	02	3	4	6	6	1										
	20	9834	13		09	04	18	72	8	02	2	8	0	9	2										
	23	9828	12		12	00	00	40	8	71	7	8	6	6						04	34	1093	0008	14	09
31	02	9825	11		10	00	00	72	8	22	7	8	5	6											
	05	9819	09		05	00	00	72	8	02	2	8	5	6											
	08	9813	07		05	00	00	72	8	02	2	8	5	7											
	11	9813	10		07	00	00	81	8	02	2	8	5	7											
	14	9820	08		08	00	00	81	8	02	2	8	5	7											
	17	9832	07		04	00	00	81	8	02	2	8	5	7											
	20	9840	02		503	00	00	81	5	01	2	5	5	7	0	0									
	23	9861	504		504	00	00	82	7	03	1	7	5	7						32	05	340	0002	08	510

Results of Surface Observations,
DAVIS – Aug., 1960

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
01	02	9879	509		511	00	00	82	2	02	1	2	5	7	0	0	4								
	05	9901	508		509	00	00	82	8	03	1	8	5	7			4								
	08	9918	508		510	09	05	80	8	03	2	8	6	4			3								
	11	9929	513		515	06	05	04	4	48	4	0	0	9	1	0									
	14	9914	508		510	06	03	40	8	03	4	8	6	6						0					
	17	9894	506		510	00	00	80	8	02	2	8	6	6											
	20	9855	501		512	00	00	80	8	02	2	8	6	6											
	23	9832	08		03	09	03	80	8	02	2	8	6	6						06	13	090	0000	08	513
02	02	9809	11		02	09	30	40	8	36	2	0	0	9	2										
	05	9793	12		02	09	09	80	8	02	3	0	0	9	2										
	08	9761	13		06	08	17	80	8	02	2	0	0	9	2										
	11	9739	15		07	08	19	40	8	03	1	8	7	5			1								
	14	9709	18		08	07	19	40	8	03	1	5	7	5	2		1								
	17	9685	18		07	09	09	40	8	02	2	4	7	5	2		1								
	20	9651	17		05	09	17	40	9	02	2	0	0	9	2										
	23	9650	18		07	04	07	40	8	02	2	0	0	9	2					04	41	212	0000	18	07
03	02	9640	17		10	02	06	80	8	70	2	0	0	9	2										
	05	9626	17		07	08	12	80	8	36	7	0	0	9	2										
	08	9621	15		06	09	09	80	8	22	7	0	0	9	2			5							
	11	9615	17		08	08	15	40	8	02	2	4	6	4	2			5							
	14	9611	18		07	06	10	40	8	02	2	8	0	9	2			3							
	17	9596	15		07	06	03	40	8	02	2	8	0	9	2			3							
	20	9614	15		07	06	06	16	8	71	7	8	6	4			2								
	23	9614	15		06	04	01	16	8	71	7	8	6	4			2			04	26	354	0001	18	15
04	02	9617	15		09	04	10	08	6	70	7	6	6	4	0	0									
	05	9624	14		10	04	12	08	8	70	7	8	6	4	0	0									
	08	9636	15		12	05	14	08	8	36	7	8	0	9	2			1							
	11	9649	09		08	02	09	08	8	71	7	8	0	9	7			1							
	14	9679	05		05	03	12	40	8	02	2	1	5	6	3	7		1	7						
	17	9704	06		05	04	10	40	8	02	2	3	6	4	3		1	1							
	20	9730	08		05	05	13	40	8	22	7	5	5	6	2		1	1							
	23	9748	07		04	05	17	81	8	36	3	5	5	6	2		1	1		04	21	286	0001	13	02
05	02	9768	07		04	05	17	81	8	36	3	4	5	6	2		1	1							
	05	9786	07		02	04	07	24	8	71	7	8	0	9	2			1							
	08	9798	06		501	04	08	81	8	02	2	8	0	9	2			1							
	11	9810	05		504	06	12	81	8	01	1	5	5	6	0	2	1								
	14	9820	04		506	06	08	81	8	03	2	8	5	6			1								
	17	9833	02		509	08	06	81	6	01	1	6	5	6	0	0	1								
	20	9850	04		506	08	07	81	8	02	1	8	5	6			1								
	23	9854	03		506	08	03	81	8	02	2	8	5	6			1			05	18	324	0000	07	02
06	02	9851	04		504	10	04	81	8	02	2	8	5	6			1								
	05	9867	02		507	08	07	81	7	01	2	7	5	6			1								
	08	9870	01		508	09	06	81	8	03	2	8	5	6											
	11	9869	02		506	00	00	40	8	71	2	8	5	6											
	14	9857	04		504	00	00	40	8	22	7	8	5	6											
	17	9860	03		506	17	02	40	8	02	2	8	5	6											
	20	9844	04		503	00	00	40	8	02	2	8	5	6											
	23	9834	02		502	00	00	81	8	02	2	8	5	6						05	09	171	0000	04	00
07	02	9828	00		505	00	00	80	4	01	2	4	5	6											
	05	9823	504		513	10	03	81	5	02	1	3	5	7											
	08	9818	506		515	11	06	81	2	02	1	2	0	9	7										
	11	9812	505		515	14	04	81	1	02	1	1	5	6											
	14	9812	503		515	12	02	81	1	02	1	1	5	6											
	17	9809	506		517	12	05	81	1	02	0	1	5	6											
	20	9801	506		514	19	06	81	4	03	1	4	5	6											
	23	9791	505		513	18	09	81	6	03	1	6	5	6						18	16	115	0000	02	507
08	02	9787	503		512	20	12	81	8	03	1	8	0	9	0	7									
	05	9772	509		512	23	08	81	8	03	2	8	0	9	0	7									
	08	9766	510		513	22	08	81	8	03	2	8	0	9	1										
	11	9771	506		508	22	08	81	8	02	2	8	5	5											
	14	9778	503		505	22	08	08	8	71	7	5	5	5	1										
	17	9792	00		501	22	06	08	8	71	7	8	5	5											
	20	9802	12		01	13	02	80	7	02	7	7	5	5											
	23	9801	06		506	12	09	81	3	01	2	3	5	5						17	17	209	0000	12	511
09	02	9808	07		507	11	01	81	3	02	1	3	5	5											
	05	9822	07		504	11	03	81	6	02	1	3	5	5	1										
	08	9833	08		00	07	05	81	8	03	1	5	5	5	1										
	11	9835	502		506	03	02	81	8	03	1	6	5	5	1										
	14	9842	01		00	03	03	40	8	71	7	8	5	5											
	17	9855	01		00	04	03	40	8	71	7	8	5	5											
	20	9854	01		00	07	05	16	8	71	7	8	6	5											
	23	9857	02		01	05	03	16	8	71	7	8	6	5						09	07	177	0000	09	502

Results of Surface Observations,
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LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	02	9875	03		03	01	04	08	8	71	7	8	6	6											
	05	9901	04		02	00	00	24	8	22	7	8	5	7											
	08	9911	02		01	23	04	24	6	71	7	6	5	7	0	0									
	11	9923	04		03	22	07	24	8	22	7	8	5	7											
	14	9941	08		08	00	00	24	8	02	2	8	5	7											
	17	9951	14		12	00	00	24	8	22	7	8	6	5											
	20	9953	23		17	06	16	24	8	36	7	8	7	5											
	23	9964	23		09	10	10	24	8	36	7	8	7	5						10	21	114	0002	23	03
11	02	9963	22		06	10	14	82	3	01	3	0	0	9	0	2				10	24	114	0002	23	03
	05	9955	18		07	09	17	82	3	36	3	0	0	9	0	2									
	08	9947	19		04	09	14	81	7	02	3	6	5	5	3	0	1	2							
	11	9953	18		04	09	17	81	6	36	3	4	5	5	3	0	1	2							
	14	9953	19		02	10	15	81	8	03	3	7	5	5	3		1	2							
	17	9961	21		04	08	02	82	8	02	2	6	5	5	3		1	2							
	20	9969	20		01	10	04	82	8	02	2	8	5	5			1								
	23	9979	15		503	10	08	82	5	01	1	5	5	5	0	0	1			11	27	305	0001	22	14
12	02	9982	11		506	14	06	82	0	01	0	0	0	9	0	0									
	05	9986	09		508	14	07	82	2	03	0	0	0	9	1	0									
	08	9987	10		507	12	05	82	1	02	0	0	0	9	0	1									
	11	10004	14		503	05	05	82	7	03	2	0	0	9	0	6									
	14	10025	13		501	08	06	82	6	01	1	0	0	9	0	6									
	17	10051	12		502	05	07	82	1	01	0	0	0	9	0	2									
	20	10063	12		505	14	05	82	0	02	0	0	0	9	0	0									
	23	10072	09		509	11	06	82	0	02	0	0	0	9	0	0				13	13	251	0000	15	09
13	02	10088	08		511	13	04	82	0	02	0	0	0	9	0	0									
	05	10090	07		509	12	05	82	4	03	0	0	0	9	0	8									
	08	10091	10		508	08	03	82	4	02	0	0	0	9	0	8									
	11	10092	01		516	11	03	82	5	03	2	0	0	9	0	9									
	14	10087	02		516	15	03	82	5	02	2	0	0	9	0	9									
	17	10078	02		513	00	00	82	2	01	0	0	0	9	0	6									
	20	10056	501		514	09	10	82	2	02	0	0	0	9	0	6									
	23	10034	501		517	08	08	82	0	01	0	0	0	9	0	0				10	13	157	0000	12	501
14	02	10015	501		517	10	07	82	0	02	0	0	0	9	0	0									
	05	10007	501		516	10	07	82	2	03	0	0	0	9	0	5			5						
	08	10011	501		515	08	06	82	2	02	0	0	0	9	0	1			5						
	11	10006	00		512	10	09	82	4	03	0	0	0	9	0	6			5						
	14	10007	03		512	08	02	82	5	03	0	0	0	9	0	6			5						
	17	10015	503		515	06	02	82	3	02	0	0	0	9	0	5			5						
	20	10025	502		516	12	04	82	2	02	0	0	0	9	0	5			5						
	23	10034	502		518	13	04	82	1	02	0	0	0	9	0	8			5	10	15	185	0000	04	510
15	02	10042	504		519	13	04	82	3	03	0	0	0	9	0	8			5						
	05	10046	507		521	09	10	82	3	02	0	0	0	9	0	8									
	08	10038	510		523	11	09	82	5	03	0	0	0	9	0	6									
	11	10042	509		523	08	10	82	1	01	0	0	0	9	0	8									
	14	10030	509		523	13	05	82	1	02	0	0	0	9	0	8									
	17	10021	512		525	13	07	82	1	02	0	0	0	9	0	8									
	20	10001	511		524	10	07	82	1	02	0	0	0	9	0	8									
	23	9994	510		524	11	02	82	1	02	0	0	0	9	0	8				10	14	149	0000	00	513
16	02	9965	512		524	00	00	82	0	02	0	0	0	9	0	0									
	05	9946	510		524	11	08	82	0	02	0	0	0	9	0	0									
	08	9931	510		523	09	05	82	0	02	0	0	0	9	0	0									
	11	9915	507		520	13	04	82	0	02	0	0	0	9	0	0									
	14	9895	505		520	14	04	82	0	02	0	0	0	9	0	0									
	17	9875	510		523	11	07	82	0	02	0	0	0	9	0	0									
	20	9852	503		518	00	00	82	0	02	0	0	0	9	0	0									
	23	9839	510		522	00	00	82	0	02	0	0	0	9	0	0				13	12	178	0000	503	513
17	02	9809	507		521	13	06	82	0	02	0	0	0	9	0	0								5	5
	05	9794	503		520	00	00	82	0	02	0	0	0	9	0	0									
	08	9771	505		519	14	03	82	0	02	0	0	0	9	0	0									
	11	9755	505		517	00	00	82	0	02	0	0	0	9	0	0									
	14	9742	506		518	00	00	82	0	02	0	0	0	9	0	0									
	17	9742	501		515	07	03	82	0	02	0	0	0	9	0	0									
	20	9748	503		517	08	02	82	0	02	0	0	0	9	0	0									
	23	9758	505		516	05	02	82	0	02	0	0	0	9	0	0				14	14	114	0000	501	509
18	02	9783	506		516	03	04	82	0	02	0	0	0	9	0	0									
	05	9799	507		516	05	03	82	0	02	0	0	0	9	0	0									
	08	9828	510		513	08	03	82	6	03	0	6	5	6	0	0									
	11	9836	510		512	08	02	82	7	03	2	7	5	6	0	0									
	14	9848	506		510	00	00	82	6	02	2	6	5	6	0	0									
	17	9851	507		512	00	00	82	6	02	2	6	5	6	0	0									
	20	9864	504		513	10	12	82	6	03	1	6	5	6	0	0									
	23	9878	503		511	11	05	82	8	02	1	8	5	6						11	15	119	0000	502	510

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	02	9887	01		509	10	04	81	8	02	7	8	5	6											
	05	9898	01		509	09	07	81	8	02	2	8	5	6											
	08	9937	03		505	13	02	80	8	02	2	8	5	6											
	11	9903	04		500	13	03	40	8	71	2	8	5	6											
	14	9895	06		02	10	03	80	8	71	7	8	5	6											
	17	9896	09		04	06	03	40	8	71	7	8	5	6											
	20	9875	07		04	09	03	40	8	71	7	8	5	6											
	23	9868	07		07	00	00	40	8	71	7	8	5	6						08	10	156	0000	09	501
20	02	9844	07		07	08	03	40	8	71	7	8	5	6						08	10				
	05	9827	03		03	08	03	40	8	71	7	8	5	6											
	08	9819	04		03	09	04	40	8	71	7	8	5	7											
	11	9817	00		501	27	07	24	8	71	7	8	5	7											
	14	9827	504		505	30	08	08	8	71	7	8	5	7											
	17	9847	506		508	26	03	08	8	71	7	8	5	7			1								
	20	9869	509		512	25	03	81	8	92	4	8	5	7			1								
	23	9888	510		511	23	03	82	8	02	2	8	5	7			1			32	10	141		05	514
21	02	9913	513		515	31	04	80	8	02	2	8	5	7			1								
	05	9928	510		513	00	00	80	8	02	2	8	5	7											
	08	9932	510		513	00	00	80	8	02	2	8	5	7											
	11	9949	509		513	09	04	80	8	02	2	8	5	7											
	14	9963	507		510	10	10	80	8	02	2	8	5	7											
	17	9970	511		514	11	08	80	8	02	2	8	5	7											
	20	9985	515		520	13	03	82	0	01	0	0	0	9	0	0									
	23	9983	519		524	19	01	82	0	02	0	0	0	9	0	0				13	13	172	0000	507	521
22	02	9844	516		521	17	07	82	0	02	0	0	0	9	0	0									
	05	9979	516		521	16	08	82	2	02	0	2	5	6	0	0									
	08	9975	518		522	15	08	82	4	03	0	4	5	6	0	0									
	11	9964	517		520	16	04	82	7	03	0	6	5	6	0	6									
	14	9954	512		515	18	03	80	8	03	1	8	6	6											
	17	9945	512		515	18	01	80	8	02	2	8	6	6											
	20	9930	511		515	16	01	82	8	02	2	8	6	6											
	23	9911	511		515	00	00	80	8	71	7	8	6	6						18	17	190	0000	511	518
23	02	9886	508		513	00	00	80	3	22	7	3	5	6	0	0									
	05	9866	505		511	00	00	40	8	70	7	8	5	6											
	08	9845	502		504	00	00	16	8	70	7	8	5	6											
	11	9826	00		501	00	00	24	8	22	7	8	5	6											
	14	9804	03		02	00	00	80	8	02	7	8	5	6											
	17	9786	02		501	00	00	80	8	02	2	8	5	6											
	20	9766	09		07	12	03	24	8	71	2	8	5	6											
	23	9751	14		07	10	02	40	8	71	7	8	5	6						13	10	088	0007	14	511
24	02	9743	12		05	18	03	40	8	71	7	8	5	6											
	05	9730	12		05	15	05	40	8	22	7	8	5	6			1								
	08	9726	17		07	08	09	24	8	70	7	8	5	9	2			1							
	11	9726	15		07	02	07	40	8	22	7	6	5	7	3		1	1							
	14	9730	11		10	29	02	04	8	71	7	8	5	7			1								
	17	9738	09		08	00	00	08	8	22	7	7	5	7	3		1								
	20	9744	10		07	00	00	40	8	02	7	7	5	7			1								
	23	9746	09		00	09	05	80	7	01	7	7	5	7			1			10	29	119	0000	16	503
25	02	9746	07		503	11	08	80	5	02	1	5	5	7	0		1								
	05	9740	00		509	11	08	82	2	02	1	2	5	7	0	0	1								
	08	9737	502		511	10	05	82	5	03	1	0	0	9	0	6									
	11	9729	501		511	09	04	82	5	02	1	0	0	9	0	8									
	14	9726	501		512	10	01	82	4	01	1	0	0	9	0	0									
	17	9726	505		515	09	07	82	1	01	0	0	0	9	0	0									
	20	9726	509		520	00	00	82	0	02	0	0	0	9	0	0									
	23	9729	510		522	08	09	82	0	02	0	0	0	9	0	0				07	15	168	0002	08	510
26	02	9730	509		524	10	05	82	0	02	0	0	0	9	0	0									
	05	9729	507		520	07	02	82	0	02	0	0	0	9	0	0									
	08	9729	509		517	07	05	82	3	03	0	3	5	7	0	0	1								
	11	9724	507		515	07	03	82	7	03	0	7	5	7			1								
	14	9721	506		512	00	00	82	7	02	1	7	5	7			1								
	17	9721	506		514	04	06	82	6	02	2	6	5	7			1								
	20	9713	510		511	00	00	82	8	02	2	8	5	7			1								
	23	9747	513		515	00	00	82	8	02	2	8	5	7			1			04	10	147	0000	506	513
27	02	9763	514		516	36	06	82	8	02	2	8	5	7			1								
	05	9786	519		521	04	04	82	2	03	2	8	5	7	0	0	1								
	08	9788	513		515	07	01	40	8	02	1	8	5	5			1								
	11	9792	511		513	00	00	40	8	02	2	8	5	5			1								
	14	9790	508		509	00	00	40	8	02	2	8	5	5			1								
	17	9800	508		510	00	00	40	8	02	2	8	5	5			1								
	20	9807	507		509	18	02	40	8	70	7	8	5	5			1								
	23	9812	507		510	13	02	08	8	71	7	8	5	5			1			02	15	118	0000	507	519

Results of Surface Observations,
DAVIS – Aug., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	02	9818	507		510	00	00	40	8	71	7	8	5	5			1								
	05	9823	506		508	00	00	40	8	71	7	8	5	6			1								
	08	9838	511		513	36	04	40	8	71	7	8	5	6			1								
	11	9852	510		512	00	00	24	8	70	7	8	5	6			1								
	14	9863	511		513	01	05	24	8	70	7	8	5	6			1								
	17	9874	511		513	05	02	80	8	02	7	8	5	6			1								
	20	9875	510		513	07	02	40	8	70	7	8	5	6			1								
	23	9875	508		511	06	05	24	8	71	7	8	5	6			1			36	09	087	0002	505	517
29	02	9875	509		512	05	05	24	8	71	7	8	5	6			1								
	05	9877	512		514	00	00	24	8	71	7	8	5	6			1								
	08	9874	510		511	12	02	24	8	71	7	8	5	6			1								
	11	9860	503		505	00	00	24	8	71	7	8	5	6			1								
	14	9857	503		504	05	02	04	8	71	7	8	5	6			1								
	17	9852	503		504	00	00	04	8	71	7	8	5	6			1								
	20	9852	507		508	03	21	04	8	36	3	8	5	6			1								
	23	9868	03		03	04	18	04	8	36	3	8	5	6			1			05	34	125	0002	03	516
30	02	9873	03		03	04	13	40	8	70	7	8	5	6			1								
	05	9874	01		00	03	10	40	8	22	7	8	5	6			1								
	08	9880	01		01	00	00	80	8	02	7	8	5	6			1								
	11	9878	03		00	23	01	80	8	02	2	8	5	6			1								
	14	9875	501		503	04	02	82	7	01	2	7	5	6			1								
	17	9867	501		506	14	07	82	8	02	2	1	5	6	1		1	7							
	20	9846	501		505	11	12	82	8	02	2	1	5	6	1		1	7							
	23	9832	01		507	11	05	82	8	02	2	1	5	6	1		1	7		04	23	229	0002	03	501
31	02	9810	01		506	11	04	82	3	03	0	0	0	9	0	8			7						
	05	9794	02		508	09	08	82	3	02	0	0	0	9	0	8			7						
	08	9782	03		509	08	04	80	8	02	1	8	0	9	1			2							
	11	9761	08		504	12	02	80	8	02	2	8	0	9	1			2							
	14	9755	15		02	05	06	80	8	02	1	3	5	6	1		1								
	17	9753	16		11	05	10	80	8	02	2	8	8	4			1								
	20	9749	14		13	05	32	04		39	3														
	23	9769	14		11	05	14	40	8	36	3	8	5	6			1			06	44	193	0000	16	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																								
	05	9761	15		10	06	26	40	7	36	3	7	5	6			1								
	08	9745	15		10	07	26	80	8	36	3	5	5	7	7		1	1							
	11	9732	16		12	07	22	80	8	02	3	3	3	4	2		1	1							
	14	9705	16		13	07	26	40	8	15	2	8	7	4			1								
	17	9698	16		13	07	22	80	8	15	3	8	7	4			1								
	20	9683	16		12	06	26	80	8	15	3	2	7	4	2		1	1							
	23	9675	17		15	05	26	80	8	02	3	3	7	4	2		1	1		06	53	479	0000	19	16
02	02	9669	19		14	05	15	80	8	36	3	3	7	4	2		1	1							
	05	9663	19		13	07	26	80	8	02	3	2	7	4	2										
	08	9660	17		15	04	26	24	8	38	2	2	7	4	2										
	11	9663	19		19	04	34	24	8	38	3	2	7	4	2										
	14	9681	19		16	06	28	24	8	38	3	2	7	4	2										
	17	9685	20		14	06	19	24	8	38	3	2	7	4	2										
	20	9680	19		12	05	20	24	8	38	3	2	7	4	2										
	23	9686	20		20	03	20	24	8	38	3	2	7	4	2					05	51	600	0001	20	17
03	02	9713	20		11	05	26	24	8	02	3	2	7	4	2										
	05	9738	18		11	06	22	80	8	01	1	3	5	7	2										
	08	9758	18		09	05	22	80	8	02	2	3	5	7	2		1	1							
	11	9765	18		04	05	17	32	8	03	1	5	5	7	2		1								
	14	9773	17		02	05	17	80	8	22	2	8	5	7			1								
	17	9774	13		504	07	09	80	8	02	1	8	5	7			1								
	20	9774	06		507	11	09	82	1	01	1	1	5	7	0	0	1								
	23	9777	04		508	12	04	82	1	02	0	1	5	7	0	0	1			05	45	597	0002	20	01
04	02	9800	04		508	11	03	82	1	02	0	1	5	7	0	0	1								
	05	9775	05		505	12	03	82	5	03	0	5	5	7	0	0	1								
	08	9781	11		02	10	02	40	8	70	7	5	6	4	2		1								
	11	9779	14		05	05	22	80	8	02	7	3	6	4	2		1		7						
	14	9764	19		09	06	22	80	8	02	2	3	7	5	2	6	1		7						
	17	9721	20		09	07	32	40	8	03	2	3	7	5	2		1								
	20	9662	19		09	05	30	40	8	02	2	3	7	5	2		1								
	23	9611	18		08	07	30	40	8	02	2	3	7	5	2		1			06	62	129	0000	20	04
05	02	9514	17		07	09	30	40	8	02	2	3	7	5	2		1								
	05	9460	17		11	09	31	40	8	02	2	3	7	5	2		1								
	08	9455	18		09	07	26	40	8	15	2	2	7	5	2		1								
	11	9485	18		07	04	13	16	8	70	2	8	7	4			1								
	14	9520	15		14	22	04	05	8	71	7	8	7	4			5								
	17	9561	11		11	00	00	05	8	71	7	8	7	4			5								
	20	9622	07		06	27	09	16	8	71	7	8	7	4			5								
	23	9667	02		01	34	02	16	8	71	7	8	6	4			7			08	58	631	0000	18	509
06	02	9715	00		00	03	09	16	8	71	7	8	6	4			7								
	05	9732	09		508	06	07	82	3	01	2	3	0	9	1	0									
	08	9723	05		508	12	07	80	7	03	1	2	5	6	7										
	11	9716	04		501	07	06	80	8	03	1	2	5	6	0	7									
	14	9679	07		01	00	00	80	8	03	7	4	5	5	2	7									
	17	9653	08		02	16	05	80	8	02	2	8	0	9	2										
	20	9634	09		01	16	05	80	8	03	2	8	0	9	2										
	23	9631	12		11	13	03	80	8	71	2	8	0	9	2					31	14	204	0003	12	509
07	02	9594	13		11	15	09	04	8	71	7	8	7	4											
	05	9595	13		09	14	06	04	8	71	7	8	7	4											
	08	9606	13		08	08	07	04	8	71	7	8	7	4											
	11	9631	14		03	11	09	16	8	71	7	8	7	4											
	14	9637	11		01	11	06	40	8	01	2	6	7	4											
	17	9653	09		07	13	02	40	7	03	2	4	5	6	1										
	20	9673	08		07	11	03	16	8	71	7	8	0	9	2										
	23	9683	09		08	08	03	16	8	71	7	8	0	9	2					08	13	168	0001	14	08
08	02	9697	09		08	05	08	16	8	71	7	8	0	9	2										
	05	9713	09		08	35	06	16	8	71	7	8	0	9	2										
	08	9729	501		502	21	07	16	8	71	7	8	6	4											
	11	9738	01		00	18	04	03	8	71	7	8	6	4											
	14	9755	00		00	20	06	03	8	71	7	8	6	4											
	17	9774	01		00	18	03	03	8	71	7	8	6	4											
	20	9783	502		505	18	10	08	8	71	7	8	6	4											
	23	9803	505		507	13	01	08	8	71	7	8	6	4						03	16	184	0011	09	505
09	02	9812	504		506	08	03	08	8	71	7	8	6	4											
	05	9820	00		501	26	05	08	8	71	7	8	6	4											
	08	9842	502		505	18	12	40	8	02	7	3	6	4	2		5	5							
	11	9866	504		507	18	04	60	8	02	2	7	5	6			5								
	14	9888	513		515	21	05	80	3	05	2	2	5	6	0	5	5								
	17	9892	519		522	17	06	80	4	02	1	1	5	6	0	8	6								
	20	9890	522		529	00	00	82	0	02	0	0	0	9	0	0									
	23	9885	522		528	00	00	82	0	02	0	0	0	9	0	0				21	17	195	0008	502	522

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
10	02	9870	521		526	00	00	82	3	02	0	1	5	6	1	0									
	05	9856	511		514	11	02	82	4	03	1	2	5	6	1	0	1	6							
	08	9840	509		516	11	03	82	8	03	2	8	0	9	0	7			6						
	11	9819	505		514	19	02	82	8	03	2	2	0	9	2	7		6	6						
	14	9801	507		514	00	00	80	8	05	2	3	0	9	0	7			6						
	17	9778	506		513	00	00	80	8	05	2	8	0	9	0	7			6						
	20	9770	503		517	10	05	80	8	03	2	8	0	9	0	7			6						
	23	9767	501		507	10	20	16	6	36	2	8	0	9	0	7			6	11	23	138	0000	501	508
11	02	9762	504		511	09	10	80	4	01	2	8	0	9	0	8			6						
	05	9749	506		514	10	07	82	1	02	0	1	0	9	0	1			6						
	08	9760	504		511	09	08	82	1	02	0	1	0	9	1	6			6						
	11	9771	502		514	06	03	81	6	03	2	6	0	9	0	7			6						
	14	9783	01		511	05	06	80	8	03	2	8	0	9	0	7			6						
	17	9786	502		513	09	05	80	8	02	2	3	0	9	1	7		6	6						
	20	9795	504		516	09	03	80	8	02	2	3	0	9	1	7		6	6						
	23	9799	502		515	06	12	80	8	02	2	3	0	9	1	7		6	6	05	18	210	0000	02	507
12	02	9804	503		515	04	12	80	8	02	2	8	0	9	0	7			6						
	05	9805	504		515	04	06	80	8	02	2	8	0	9	0	7			6						
	08	9799	505		515	07	05	82	7	02	2	3	0	9	1	8		7	7						
	11	9797	505		515	07	03	82	3	01	1	1	5	5	0	5	1		7						
	14	9785	505		516	05	05	82	2	01	1	1	1	4	0	0	1								
	17	9778	507		518	00	00	82	1	02	0	1	1	4	0	0	1								
	20	9774	512		523	07	05	82	0	02	0	0	0	9	0	0									
	23	9770	514		525	07	09	82	2	02	0	2	5	6	0	0	1			05	19	191		502	516
13	02	9776	515		526	05	05	82	0	02	0	0	0	0	0	0									
	05	9768	514		527	05	14	82	5	02	0	5	0	9	0	8			6						
	08	9770	510		521	06	22	24	7	36	0	3	0	9	1	8		1	6						
	11	9772	512		523	14	09	81	8	05	2	3	0	9	1	7		1	6						
	14	9781	510		522	17	09	80	8	05	2	3	0	9	1	7		1	6						
	17	9790	512		520	17	05	80	6	02	2	1	0	9	1	8		1	6						
	20	9805	514		525	13	07	82	0	01	2	0	0	9	0	0									
	23	9807	512		523	13	06	82	0	02	0	0	0	9	0	0				04	35	197	0000	510	522
14	02	9814	514		523	00	00	82	0	02	0	0	0	9	0	0									
	05	9819	519		526	09	01	82	1	02	0	1	0	9	1	0									
	08	9825	519		525	00	00	83	0	02	0	0	0	9	0	0									
	11	9826	511		519	00	00	83	0	02	0	0	0	9	0	0									
	14	9826	504		514	00	00	83	0	02	0	0	0	9	0	0									
	17	9824	507		515	00	00	83	2	02	0	2	0	9	0	8									
	20	9825	515		515	11	03	83	2	02	0	2	0	9	0	8									
	23	9817	506		514	10	06	83	2	02	0	2	0	9	0	8				13	10	135	0000	504	511
15	02	9811	507		515	09	07	82	0	02	0	0	0	9	0	0									
	05	9791	502		508	11	10	80	7	02	2	5	5	6	0	5									
	08	9778	03		505	09	14	80	8	02	2	8	5	6											
	11	9744	07		502	11	09	80	8	02	2	8	5	6											
	14	9742	09		02	09	15	80	8	02	2	8	5	6											
	17	9716	11		00	12	02	24	8	02	2	8	5	6											
	20	9699	11		04	09	10	24	8	02	2	8	5	6											
	23	9692	14		06	05	12	08	8	02	2	8	5	6						10	25	188	0000	14	508
16	02	9676	12		07	06	18	08	8	36	7	8	5	6			1								
	05	9672	15		09	04	20	08	8	36	3	8	5	6			1								
	08	9667	10		502	11	06	40	8	02	3	8	5	6			1								
	11	9649	10		00	12	11	82	7	01	1	7	5	6			1								
	14	9619	08		503	12	07	82	2	01	1	1	5	6	1	0	1								
	17	9601	06		505	07	03	82	1	01	0	1	5	6	0	0	1								
	20	9586	03		508	08	07	82	0	02	0	0	0	9	0	0									
	23	9579	02		510	07	10	82	0	02	0	0	0	9	0	0				07	36	298	0000	15	02
17	02	9615	501		511	00	00	82	0	02	0	0	0	9	0	0									
	05	9584	504		514	05	07	82	3	02	0	3	0	9	1	0									
	08	9593	502		513	07	04	82	2	02	0	1	1	4	1	0		1							
	11	9595	00		505	00	00	82	3	03	0	3	0	9	3	0									
	14	9612	503		504	35	02	82	3	02	0	3	0	9	3	0									
	17	9628	504		505	04	08	82	7	03	1	7	5	6				1							
	20	9638	502		504	02	10	16	8	02	2	8	5	6				1							
	23	9652	505		506	05	08	82	3	01	2	3	5	6	0	0		1		05	16	198	0000	00	507
18	02	9664	503		505	05	08	80	8	71	1	8	5	6			1								
	05	9681	503		505	04	18	80	8	02	7	8	5	6			1								
	08	9697	502		505	04	05	16	8	71	7	6	5	5	3		1	1							
	11	9712	502		504	00	00	16	8	22	7	6	6	3	0	8	1		1						
	14	9728	501		505	15	02	80	8	02	2	6	5	6			1								
	17	9748	00		504	00	00	81	8	02	2	8	5	6			1								
	20	9762	01		506	07	04	81	8	02	2	8	5	6			1								
	23	9774	00		509	07	04	81	8	02	2	8	5	6			1			04	19	211	0001	01	506

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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	9770	503		510	09	06	81	8	02	2	8	5	6			1								
	05	9755	506		513	05	18	81	6	02	1	4	5	6	1	0									
	08	9741	504		508	06	25	16	8	38	3	4	5	6	2										
	11	9714	01		503	05	28	16	7	36	3	7	5	6	2										
	14	9688	01		504	04	22	16	4	38	3	4	7	5	1	0									
	17	9692	04		502	06	10	08	8	71	3	8	6	5											
	20	9679	03		502	06	25	08	8	38	3	8	6	5											
	23	9674	05		500	05	30	02		39	3									04	41	213		05	506
20	02	9677	04		502	06	24	16	8	36	3	8	5	6											
	05	9702	04		504	05	24	40	8	36	3	8	5	6			1								
	08	9704	05		504	04	24	40	8	36	3	8	5	6			1								
	11	9722	07		505	05	18	40	8	36	3	8	5	6			1								
	14	9734	08		507	05	10	40	8	02	2	8	5	6			1								
	17	9739	06		506	00	00	80	8	01	2	2	5	6	1		1								
	20	9742	00		511	11	02	80	2	01	2	2	5	6	0	0	1								
	23	9742	03		514	11	03	80	2	02	0	2	5	6	0	0				05	47	550	0000	08	506
21	02	9750	06		517	10	03	82	2	02	0	2	0	9	0	6									
	05	9757	506		517	10	02	82	3	02	0	3	0	9	0	8			3						
	08	9756	505		516	09	04	82	7	02	0	7	0	9	0	8			3						
	11	9766	02		510	10	02	82	5	02	1	2	0	9	1	8		3							
	14	9780	04		511	00	00	82	3	01	1	3	0	9	0	8			3						
	17	9798	01		509	03	01	82	3	02	1	3	0	9	0	8			3						
	20	9813	01		511	06	08	82	5	03	0	2	5	6	0	8	1								
	23	9830	501		510	07	04	82	6	02	1	3	5	6	0	8	1			13	10	115	0000	03	504
22	02	9860	502		511	06	06	82	3	02	1	3	5	6	0	9	1								
	05	9880	505		516	10	02	82	6	02	2	3	5	7	0	9	1								
	08	9891	502		513	09	04	82	1	01	0	1	5	7	0	0	1								
	11	9898	05		508	05	03	82	1	02	0	1	5	7	0	0	1								
	14	9902	06		508	00	00	82	1	02	0	1	5	7	0	0	1								
	17	9887	05		509	00	00	82	0	01	0	0	0	9	0	0									
	20	9886	503		513	10	01	82	0	02	0	0	0	9	0	0									
	23	9882	501		513	00	00	82	0	02	0	0	0	9	0	0				05	10	149	0000	06	503
23	02	9880	00		507	13	05	16	8	70	2	8	5	6			1								
	05	9879	05		01	10	05	81	6	02	7	6	5	6			1								
	08	9883	06		505	06	10	80	7	02	1	6	5	6	2		1								
	11	9888	09		504	05	05	81	6	01	1	1	5	6	4		1								
	14	9876	10		504	21	02	82	2	01	0	1	5	6	4	2	1								
	17	9865	07		506	13	03	82	2	01	0	1	0	9	5	2									
	20	9858	01		510	10	08	82	1	02	0	1	0	9	5	2									
	23	9834	501		514	12	06	82	1	02	0	1	0	9	5	2				05	09	139	0000	10	501
24	02	9794	501		514	10	10	82	2	02	0	2	5	7	0	0									
	05	9757	504		516	12	08	82	1	01	0	1	5	6	0	0									
	08	9696	503		516	11	09	82	1	02	0	0	0	9	0	1									
	11	9648	500		513	14	13	82	0	02	0	0	0	9	0	0									
	14	9593	04		510	09	02	82	0	02	0	0	0	9	0	0									
	17	9577	03		511	00	00	82	0	02	0	0	0	9	0	0									
	20	9566	505		517	05	06	82	1	02	0	1	5	7	0	0									
	23	9592	507		514	04	10	82	8	03	0	8	5	6						14	26	190	0000	04	507
25	02	9669	507		517	36	20	82	0	01	2	0	0	9	0	0									
	05	9706	505		516	02	22	82	4	36	3	1	5	7	3	0	1								
	08	9750	501		509	04	20	82	5	36	3	5	0	9	3	0									
	11	9783	01		505	05	30	80	7	36	3	7	5	5											
	14	9808	04		504	02	06	81	5	02	3	5	5	5	0	0									
	17	9818	04		504	07	03	81	7	02	2	7	5	5											
	20	9825	501		511	12	08	81	7	02	2	7	5	5											
	23	9524	503		513	12	10	81	6	01	2	6	5	5			1			04	43	350	0000	04	510
26	02	9817	509		517	11	09	82	2	01	1	2	5	5	0	0	1								
	05	9808	510		519	11	06	82	1	02	0	1	0	9	1	0									
	08	9786	507		516	11	06	82	1	03	0	1	0	9	2	0									
	11	9757	501		512	06	03	82	1	02	0	1	0	9	2	0									
	14	9719	01		512	03	06	82	1	02	0	0	0	9	0	5			5						
	17	9688	00		512	08	02	82	1	02	0	0	0	9	0	5			5						
	20	9665	505		515	00	00	82	4	03	1	0	0	9	0	5			6						
	23	9652	507		516	00	00	82	4	02	1	0	0	9	0	5			6	13	12	283	0000	01	510
27	02	9655	506		516	22	02	82	6	03	0	4	0	9	1	8		6	6						
	05	9678	508		519	00	00	81	6	02	2	4	0	9	1	8		6	6						
	08	9707	505		516	12	03	81	6	02	2	4	0	9	1	8		6	6						
	11	9730	03		508	00	00	81	6	02	2	4	0	9	1	8		6	6						
	14	9753	09		505	14	04	82	5	02	2	4	0	9	1	8		2	6						
	17	9776	07		505	14	03	82	5	02	2	4	0	9	1	8		2	6						
	20	9790	03		509	11	03	82	3	01	2	0	0	9	0	8			6						
	23	9828	00		512	09	07	82	0	01	2	0	0	9	0	0				06	13	105	0000	09	508

Results of Surface Observations,
DAVIS — Sep., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
28	02	9788	503		508	12	08	82	2	03	0	0	0	9	0	8									
	05	9776	504		516	12	06	82	1	01	0	0	0	9	0	8									
	08	9748	504		516	00	00	82	2	02	0	0	0	9	0	8									
	11	9725	02		512	00	00	82	3	02	0	0	0	9	0	1									
	14	9709	04		505	22	01	82	2	02	0	0	0	9	0	1									
	17	9688	05		506	19	06	82	3	02	1	0	0	9	0	1									
	20	9677	05		506	07	06	82	3	02	0	0	0	9	0	1									
	23	9678	04		507	09	03	82	5	03	0	2	0	9	1	1				07	10	158	0000	04	505
29	02	9683	06		503	09	03	82	5	02	0	2	0	9	1	1									
	05	9697	13		501	09	10	82	8	03	1	8	5	7											
	08	9704	13		502	09	09	82	6	01	2	2	5	7	3	0									
	11	9703	15		501	08	15	82	4	02	0	0	0	9	0	8									
	14	9713	18		00	07	05	82	0	02	0	0	0	9	0	0									
	17	9722	15		501	09	02	82	0	02	0	0	0	9	0	0									
	20	9732	08		508	00	00	82	0	02	0	0	0	9	0	0									
	23	9742	07		509	09	13	82	0	02	0	0	0	9	0	0				09	26	158	0000	18	04
30	02	9758	05		510	11	08	82	0	02	0	0	0	9	0	0									
	05	9771	05		511	13	02	82	0	02	0	0	0	9	0	0									
	08	9784	12		504	00	00	82	0	02	0	0	0	9	0	0									
	11	9786	18		04	04	06	82	5	03	0	5	5	6	0	0									
	14	9792	19		03	05	03	82	2	01	1	2	5	6	0	0									
	17	9790	15		00	06	03	82	0	02	0	0	0	9	0	0									
	20	9790	05		509	12	10	82	0	02	0	0	0	9	0	0									
	23	9776	03		510	12	08	82	0	02	0	0	0	9	0	0				14	16	178	0000	19	03

Results of Surface Observations,
DAVIS – Oct., 1960

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
01	02	9766	00		512	11	09	82	0	02	0	0	0	9	0	0									
	05	9770	501		513	11	06	82	0	02	0	0	0	9	0	0									
	08	9772	04		510	07	03	82	0	02	0	0	0	9	0	0									
	11	9785	09		505	03	03	82	0	02	0	0	0	9	0	0									
	14	9800	10		503	03	07	82	0	02	0	0	0	9	0	0									
	17	9807	10		503	03	01	82	0	02	0	0	0	9	0	0									
	20	9813	05		507	08	01	82	0	02	0	0	0	9	0	0									
	23	9818	02		511	10	03	82	0	02	0	0	0	9	0	0				02	13	189	0000	10	501
02	02	9819	03		508	06	03	82	0	02	0	0	0	9	0	0									
	05	9827	06		506	00	00	82	1	01	1	1	5	6	0	0									
	08	9886	07		505	00	00	82	3	02	1	3	5	6	0	0									
	11	9861	15		01	00	00	82	5	03	1	5	5	6	0	0									
	14	9864	14		02	00	00	82	1	02	0	1	5	7	0	0									
	17	9868	13		01	00	00	82	1	02	0	1	5	7	0	0									
	20	9859	03		511	15	04	82	1	02	0	1	5	7	0	0									
	23	9859	01		511	14	03	82	0	02	0	0	0	9	0	0				14	09	129	0000	15	00
03	02	9863	501		513	14	03	82	0	02	0	0	0	9	0	0									
	05	9868	501		514	17	05	82	0	02	0	0	0	9	0	0									
	08	9872	00		514	33	04	82	0	02	0	0	0	9	0	0									
	11	9869	05		509	28	05	82	0	02	0	0	0	9	0	0									
	14	9852	04		505	31	09	82	0	02	0	0	0	9	0	0									
	17	9846	05		505	09	04	82	0	02	0	0	0	9	0	0									
	20	9847	502		513	06	08	82	0	02	0	0	0	9	0	0									
	23	9847	504		516	15	04	82	0	02	0	0	0	9	0	0				08	14	135	0000	05	509
04	02	9847	507		519	13	04	82	0	02	0	0	0	9	0	0									
	05	9842	507		520	16	05	82	0	02	0	0	0	9	0	0									
	08	9846	508		519	00	00	82	1	03	0	0	0	9	0	6									
	11	9842	00		510	25	02	82	1	02	0	0	0	9	0	8									
	14	9842	04		508	23	09	82	3	02	0	0	0	9	0	6									
	17	9834	04		509	21	04	82	3	02	0	0	0	9	0	8									
	20	9843	502		512	12	05	82	4	03	0	0	0	9	0	6									
	23	9850	505		517	16	04	82	4	02	0	0	0	9	0	8				19	11	149	0000	04	508
05	02	9852	509		519	00	00	82	4	02	0	0	0	9	0	8									
	05	9859	509		520	05	09	82	3	02	0	0	0	9	0	5									
	08	9865	501		515	07	18	82	2	02	1	0	0	9	0	5									
	11	9876	03		509	09	18	82	6	03	1	4	5	6	0	5	1								
	14	9881	05		507	07	24	80	7	03	1	6	5	6	0	5	1								
	17	9889	05		506	08	13	80	8	02	2	8	5	6			1								
	20	9894	00		510	14	10	80	8	02	2	8	5	6			1								
	23	9904	02		508	08	10	80	8	02	2	8	5	6			1			08	35	185	0000	05	511
06	02	9903	01		510	17	05	80	8	02	2	8	5	6			1								
	05	9901	500		510	15	05	80	8	02	2	8	5	6			1								
	08	9895	01		504	14	03	80	7	01	2	7	5	6			1								
	11	9890	04		508	20	05	80	6	02	2	6	5	7			1								
	14	9892	05		505	24	03	80	6	02	2	6	5	7			1								
	17	9876	04		507	00	00	80	5	02	2	5	8	4	0		2								
	20	9867	502		512	14	02	80	5	02	2	5	5	7	0	0	2								
	23	9864	506		516	14	04	80	2	01	2	2	5	7	0	0	2			09	10	247	0000	05	507
07	02	9869	507		517	14	04	80	4	03	2	4	5	7	0	0	1								
	05	9870	506		516	14	05	80	8	03	2	8	5	7											
	08	9878	501		513	14	01	80	8	02	2	8	5	7											
	11	9881	05		508	13	01	80	8	02	2	8	5	7											
	14	9886	07		512	14	03	80	8	01	2	8	5	7											
	17	9888	05		507	00	00	80	7	02	2	7	5	7											
	20	9903	00		511	00	00	80	7	02	2	7	5	7											
	23	9923	505		516	15	08	80	4	01	1	4	5	7	0	0				16	09	146	0000	07	507
08	02	9924	505		515	20	02	80	7	03	2	7	5	7											
	05	9930	08		02	05	04	08	8	71	7	8	5	5											
	08	9934	11		05	05	23	08	8	36	7	8	5	5											
	11	9951	13		08	04	27	08	9	36	3	8	5	5											
	14	9972	13		08	04	14	56	8	02	3	8	5	5											
	17	9987	12		07	05	12	80	8	02	2	8	5	5											
	20	10006	11		01	07	15	80	8	02	2	8	5	5											
	23	10006	10		03	01	02	80	8	02	2	8	5	5						04	41	163	0000	13	505
09	02	10018	10		02	00	00	80	8	02	2	8	5	5											
	05	10025	09		04	14	01	80	8	03	1	7	5	6	2		1								
	08	10029	13		08	07	01	80	8	71	7	8	5	6			1								
	11	10038	15		14	04	10	40	8	71	7	8	8	6			1								
	14	10055	16		16	03	03	40	8	71	7	8	5	6			1								
	17	10056	15		15	00	00	40	8	71	7	8	5	6			1								
	20	10058	11		10	00	00	40	8	71	7	8	5	6			1								
	23	10081	17		17	04	08	16	8	71	7	8	5	6			1			04	21	163	0000	17	09

Results of Surface Observations,
DAVIS — Oct., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	02	10095	15		11	03	09	80	8	22	7	8	5	6			1								
	05	10110	14		08	00	00	80	8	02	2	8	5	6			1								
	08	10111	14		07	00	00	80	8	02	2	3	6	6	2		1								
	11	10099	15		10	20	02	80	8	01	2	8	5	6			1								
	14	10077	15		08	19	08	82	0	01	2	0	0	9	0	0									
	17	10059	10		06	20	05	82	0	02	0	0	0	9	0	0									
	20	10033	03		505	13	05	82	0	02	0	0	0	9	0	0									
	23	10014	01		508	12	07	82	1	02	0	0	0	9	0	8			5	04	19	132	0003	15	503
11	02	10001	501		510	13	14	82	1	02	0	0	0	9	0	8			5						
	05	9995	503		511	13	05	82	1	02	0	0	0	9	0	8			5						
	08	9982	00		511	07	07	82	5	03	0	0	0	9	0	6			5						
	11	9952	05		503	00	00	82	8	03	0	4	0	9	3	6		2							
	14	9937	10		503	00	00	82	7	01	2	0	0	9	0	6			5						
	17	9873	11		501	06	03	80	8	03	2	0	0	9	0	6			5						
	20	9845	10		01	00	00	80	8	03	2	8	0	9	2			1							
	23	9798	16		02	06	22	40	8	36	2	8	0	9	2			1		04	31	218	0000	16	503
12	02	9756	15		01	07	13	80	8	02	3	3	7	4	2		1	2							
	05	9724	13		04	07	26	40	8	36	3	4	7	4	1		1								
	08	9715	16		05	06	27	40	5	36	3	3	7	4	1		1								
	11	9693	18		05	06	30	40	7	36	3	3	7	6	1		1								
	14	9684	20		03	06	17	80	5	01	3	5	0	9	1										
	17	9682	20		00	08	22	80	2	01	3	2	0	9	1	0									
	20	9659	14		505	07	13	82	1	02	0	1	5	6	0	0	1								
	23	9633	14		02	07	18	82	1	02	0	1	5	6	0	0	1			05	47	354	0000	21	12
13	02	9639	14		04	00	00	80	8	03	1	8	5	6			1								
	05	9657	16		06	05	14	80	8	02	2	8	5	6			1								
	08	9670	19		06	04	15	80	8	02	2	8	5	6			1								
	11	9679	21		10	01	12	80	8	02	2	8	5	5			1								
	14	9693	21		09	02	09	80	8	02	2	8	5	6			1								
	17	9704	21		09	00	00	80	8	01	2	4	5	6	7		1								
	20	9714	18		09	04	04	80	8	02	2	3	6	5	1		1								
	23	9720	17		09	04	05	80	8	02	2	6	6	5			1			07	24	383	0000	21	16
14	02	9721	17		08	00	00	80	8	02	2	6	6	5			1								
	05	9728	17		06	04	10	80	8	02	2	6	6	5			1								
	08	9730	17		05	05	10	80	8	70	2	8	7	5			1								
	11	9730	19		07	05	14	80	8	02	2	8	6	5			1								
	14	9728	18		10	01	12	80	8	02	2	8	6	5			1								
	17	9720	19		08	05	18	80	8	15	2	3	3	4	2		1								
	20	9730	17		06	05	20	80	8	15	2	4	7	4	2		1								
	23	9753	16		07	04	18	80	8	02	2	4	7	4	2		1			05	36	208	0000	19	16
15	02	9764	16		05	05	17	80	8	02	2	8	6	4			1								
	05	9764	16		04	04	05	81	8	02	2	8	6	6			2								
	08	9776	19		06	06	09	80	8	03	2	8	6	4			2								
	11	9782	21		10	06	06	80	7	22	7	4	6	4	2	0	2	1							
	14	9786	21		12	01	08	80	8	02	2	8	5	6			2								
	17	9790	20		14	00	00	40	8	22	7	5	6	4	2										
	20	9795	17		12	00	00	16	8	70	7	8	6	4			2								
	23	9796	15		09	00	00	15	8	22	7	8	6	4			2			05	30	387	0000	21	14
16	02	9802	14		03	00	00	80	8	01	2	8	5	7											
	05	9802	13		04	04	03	80	7	03	1	5	5	7	7										
	08	9799	16		06	02	06	80	8	02	1	8	5	7											
	11	9800	17		07	36	09	40	8	02	2	8	5	7			1								
	14	9800	16		09	35	04	80	8	02	7	8	5	7			1								
	17	9797	16		07	01	02	80	8	02	2	8	5	7			1								
	20	9791	14		11	00	00	80	8	02	2	8	5	7			1								
	23	9792	15		06	07	03	80	8	22	2	8	5	7			1			02	19	168		17	13
17	02	9794	14		01	04	05	80	8	02	7	8	5	7			1								
	05	9803	12		00	04	03	80	8	02	2	8	7	4			1								
	08	9800	11		504	01	10	80	8	01	2	8	5	7			1								
	11	9803	12		503	02	07	80	8	01	2	8	5	7			1								
	14	9803	12		501	36	05	82	7	01	2	7	5	7			1								
	17	9800	11		502	26	02	82	7	02	2	4	5	7	3	0	1								
	20	9803	09		00	13	02	82	7	02	2	7	5	7											
	23	9804	09		501	00	00	82	7	02	2	7	5	7						01	19	194	0000	13	06
18	02	9810	07		503	05	01	82	6	02	2	6	5	7	0	0									
	05	9817	06		503	04	01	82	5	01	2	3	5	7	1	0									
	08	9826	10		502	00	00	82	3	01	2	3	5	7	0	0									
	11	9829	09		504	35	03	82	3	02	1	2	5	7	0	8									
	14	9835	11		501	00	00	82	1	01	0	1	5	7	0	0									
	17	9830	10		01	31	02	82	2	02	0	1	5	7	0	1			6						
	20	9844	07		503	00	00	82	3	02	0	3	5	7	0	1			6						
	23	9854	04		505	00	00	82	1	01	0	1	5	7	0	0				36	07	118	0000	11	03

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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	9867	02		507	00	00	82	0	02	0	0	0	9	0	0									
	05	9885	01		507	13	02	82	7	03	0	7	5	6			1								
	08	9904	06		503	00	00	82	8	03	2	8	5	6			1								
	11	9919	08		503	02	09	80	8	02	2	8	5	6			1								
	14	9937	08		502	03	08	80	8	02	2	8	5	6			1								
	17	9949	08		502	04	01	80	8	02	2	8	5	6			1								
	20	9965	05		501	24	10	80	7	01	2	7	5	6			1								
	23	9972	04		502	24	10	82	6	01	2	6	5	6			1			27	14	080	0000	08	00
20	02	9983	501		508	20	02	82	1	02	0	1	5	7	0	0	1								
	05	9983	502		509	18	04	82	3	03	0	0	0	9	0	6			5						
	08	9979	04		506	00	00	82	7	03	2	0	0	9	0	6			5						
	11	9971	05		504	25	11	82	8	02	2	1	5	6	0	6			5						
	14	9960	06		00	23	08	82	8	02	2	1	5	6	0	6			5						
	17	9946	05		503	24	10	82	8	02	2	1	5	6	0	6			5						
	20	9935	01		508	00	00	82	8	02	2	0	0	9	0	6			5						
	23	9930	00		506	00	00	82	5	02	1	0	0	9	0	8			5	27	12	207	0000	06	502
21	02	9927	502		511	15	02	82	5	02	2	0	0	9	0	8			5						
	05	9920	501		511	13	02	82	5	02	2	0	0	9	0	8			6						
	08	9914	04		507	00	00	82	8	03	2	0	0	9	0	7			6						
	11	9905	05		508	00	00	82	8	02	2	0	0	9	0	7			6						
	14	9895	09		503	25	07	82	8	02	2	0	0	9	0	7			6						
	17	9883	09		503	23	07	82	8	02	2	0	0	9	0	7			6						
	20	9876	05		504	20	02	82	8	02	2	0	0	9	0	7			6						
	23	9873	05		508	12	09	82	5	01	2	0	0	9	0	8			6	13	11	169	0000	09	02
22	02	9871	03		512	10	04	82	4	02	1	0	0	9	0	8			6						
	05	9871	03		511	00	00	82	6	03	1	0	0	9	0	8			6						
	08	9877	07		507	04	06	82	7	03	1	0	0	9	0	7			6						
	11	9871	09		501	03	06	82	7	02	2	0	0	9	0	7			6						
	14	9868	10		503	21	02	82	8	03	2	0	0	9	0	7			6						
	17	9864	11		502	17	02	82	8	02	2	0	0	9	0	7			6						
	20	9875	08		505	00	00	82	4	03	1	1	0	9	2	8									
	23	9888	04		507	00	00	82	4	01	1	1	0	9	2	8		1		05	12	151	0000	11	03
23	02	9891	03		508	07	08	82	4	02	0	1	0	9	3	8									
	05	9900	03		511	06	05	82	3	02	0	2	0	9	3	9		1							
	08	9903	06		507	03	04	82	3	03	0	3	0	9	5	9		1							
	11	9899	09		504	03	12	82	7	03	1	3	0	9	5	9		1							
	14	9898	09		504	03	14	82	7	02	2	3	0	9	5	9		1							
	17	9896	09		503	03	07	82	7	02	1	0	0	9	0	5			6						
	20	9894	09		502	06	06	82	7	02	2	1	5	7	0	5	1		6						
	23	9888	04		505	07	04	82	7	02	2	1	5	7	0	5	1		6	01	21	146	0000	09	02
24	02	9890	02		507	08	06	82	2	01	0	2	5	7	0	0	1								
	05	9885	02		507	05	04	82	7	03	1	7	5	7			1								
	08	9868	06		505	03	10	82	8	02	2	8	5	6			1								
	11	9865	07		504	02	15	82	8	02	2	8	5	6			1								
	14	9860	07		504	03	14	82	8	02	2	8	5	6			1								
	17	9859	07		501	03	12	82	8	70	2	8	5	6	2		1								
	20	9862	06		501	03	02	80	8	02	2	8	5	7			1								
	23	9862	06		00	06	05	80	8	70	2	8	5	7			1			02	17	253	0000	07	01
25	02	9862	03		01	04	04	80	8	70	2	8	5	7			1								
	05	9866	05		02	06	02	80	8	71	2	8	5	7			1								
	08	9869	07		01	03	04	80	8	02	2	8	5	7			1								
	11	9870	09		02	01	09	80	8	02	2	8	5	7			8								
	14	9868	11		03	02	09	80	4	01	1	3	5	5	0	5	1								
	17	9867	10		05	01	06	80	7	03	1	6	5	5	0	8	1		6						
	20	9865	07		01	05	02	80	7	02	1	1	6	7	5	8	2	6	6						
	23	9864	02		505	12	05	80	3	01	1	3	0	9	5	8		6		04	12	247	0000	12	504
26	02	9863	504		511	14	05	80	3	02	1	3	0	9	5	8									
	05	9861	00		508	13	07	80	8	03	1	8	5	7				6							
	08	9859	04		505	16	06	80	8	03	1	6	5	7	1										
	11	9857	10		501	35	03	80	8	02	1	2	5	7	1										
	14	9852	10		501	29	02	80	8	03	1	8	5	7											
	17	9845	10		01	35	04	80	7	02	2	5	5	7	5										
	20	9852	09		03	00	00	80	8	02	1	4	5	7	2										
	23	9853	06		05	00	00	40	8	71	1	8	0	9	2					13	10	206	0000	10	502
27	02	9854	01		00	10	01	24	8	71	7	8	6	5											
	05	9873	04		03	00	00	80	7	70	7	7	6	5											
	08	9891	05		05	00	00	80	7	70	7	7	5	6											
	11	9902	09		07	00	00	40	8	03	7	8	5	6											
	14	9927	06		02	25	07	82	6	01	2	5	5	6	3										
	17	9938	07		02	25	01	82	2	01	2	2	0	9	5										
	20	9945	04		501	00	00	82	5	03	1	0	0	9	0										
	23	9942	00		505	13	02	82	5	02	2	0	0	9	0	5				25	09	084	0000	09	00

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	02	9943	02		508	06	03	80	8	03	2	8	0	9	1			7							
	05	9932	04		504	00	00	80	8	02	2	8	0	9	1			7							
	08	9924	09		01	04	17	80	8	03	2	8	0	9	1			7							
	11	9904	13		02	05	05	40	8	02	3	8	0	9	1			7							
	14	9879	12		03	23	10	24	8	71	7	8	7	5											
	17	9863	13		12	22	04	40	8	02	7	6	7	5	2										
	20	9837	15		09	00	00	40	8	22	7	6	7	5	2										
	23	9800	16		11	04	27	40	8	37	2	6	7	5	2					05	45	167	0000	18	00
29	02	9766	19		09	04	27	40	8	37	3	6	7	5	2										
	05	9753	19		09	03	22	40	8	36	3	8	7	5			2								
	08	9720	20		05	07	22	80	8	02	3	5	6	7	2		1	1							
	11	9675	21		06	06	26	80	8	15	2	5	7	5	2		2	1							
	14	9614	22		10	07	33	80	8	02	2	6	7	5	2		2								
	17	9564	24		11	11	17	80	8	02	2	4	7	5	2		2								
	20	9505	24		19	07	35	80	8	36	3	4	7	5	2		2								
	23	9455	22		19	06	50	80	7	36	3	3	7	5	3		2	1		05	96	382	0001	29	20
30	02	9459	23		18	05	54	80	7	36	3	3	7	5	3		2	1							
	05	9473	28		19	05	45	80	6	02	2	4	5	6	3	0									
	08	9478	28		23	05	61	80	6	02	2	4	5	6	3	0									
	11	9512	30		24	05	50	40	8	03	2	8	6	5			1								
	14	9546	31		26	05	58	40	8	68	2	8	6	5			1								
	17	9587	31		27	05	40	40	8	02	7	8	5	6											
	20	9650	30		25	05	35	40	8	02	2	8	5	6											
	23	9678	29		24	06	35	40	7	02	2	7	5	6						05	80	952		31	22
31	02	9732	28		26	06	35	40	7	02	2	6	7	5	3	0	1								
	05	9760	28		20	06	31	80	7	02	2	6	7	5	3	0	1								
	08	9783	29		21	06	31	80	8	02	2	6	7	5	3		1								
	11	9801	32		21	06	31	80	8	02	2	6	7	5	3		1								
	14	9816	31		17	06	25	80	8	02	2	2	7	5	2		1								
	17	9816	30		16	06	20	80	6	01	1	3	0	9	2	5									
	20	9801	21		06	11	15	82	4	01	0	0	0	9	0	5									
	23	9784	19		04	10	10	82	4	02	0	0	0	9	0	5				05	54	922	0000	33	17

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	9765	13		02	10	08	82	2	01	0	0	0	9	0	8									
	05	9722	14		03	11	07	82	1	01	0	0	0	9	0	8									
	08	9685	20		05	13	04	82	0	02	0	0	0	9	0	0									
	11	9669	25		07	02	06	82	0	02	0	0	0	9	0	0									
	14	9656	25		10	01	03	82	0	02	0	0	0	9	0	0									
	17	9654	26		11	00	00	82	1	02	0	0	0	9	0	1									
	20	9667	24		11	05	01	82	1	03	0	1	5	7	0	0									
	23	9682	19		12	09	05	82	4	03	1	4	5	7	0	0				09	29	360	0000	26	13
02	02	9703	20		14	00	00	82	8	03	2	8	5	7								360	0000	26	13
	05	9724	25		19	08	03	82	8	02	2	8	5	7			1								
	08	9745	30		21	03	09	82	8	02	2	8	5	7			1								
	11	9756	35		17	06	13	82	7	01	2	7	5	7			1								
	14	9765	35		21	36	09	82	7	02	2	5	5	7	0	8	1								
	17	9772	38		19	04	14	82	7	02	2	6	5	7	0	8	1								
	20	9783	34		18	04	04	82	7	02	2	7	5	7			1								
	23	9793	30		19	04	09	82	7	02	2	7	5	7			1			05	27	142	0000	38	28
03	02	9804	30		19	04	13	82	7	02	2	7	5	7			1								
	05	9813	28		16	05	22	80	8	02	2	8	5	7											
	08	9835	28		15	05	26	80	8	02	2	8	5	7											
	11	9844	29		18	05	25	80	8	02	2	8	5	7											
	14	9855	31		20	04	23	80	8	01	2	8	5	7											
	17	9854	28		23	03	14	80	8	02	2	8	5	7			1								
	20	9852	26		21	04	11	80	8	02	2	8	5	7			1								
	23	9847	27		22	04	11	80	6	01	1	6	5	7			1			04	49	416	0000	31	27
04	02	9844	25		21	03	13	80	8	02	2	8	5	7			1								
	05	9836	26		22	04	15	80	8	02	2	7	5	7	2	0	1								
	08	9836	25		24	04	25	80	8	02	2	5	5	7	2	0	1								
	11	9847	24		24	03	17	80	8	02	2	8	6	5			1								
	14	9849	25		22	03	12	80	8	02	2	8	5	7			1								
	17	9845	25		23	03	12	80	8	02	2	8	5	7			1								
	20	9831	23		23	04	10	05	8	51	5	8	7	4			1								
	23	9830	23		17	04	10	80	8	02	5	8	7	4			1			04	39	463		25	23
05	02	9827	23		15	04	20	80	8	02	2	8	7	4			1								
	05	9816	24		08	05	24	80	8	02	2	8	7	6			1								
	08	9807	25		08	05	24	80	8	15	2	8	7	6			1								
	11	9792	27		11	05	24	80	8	15	2	8	7	6			1								
	14	9782	27		12	04	30	80	8	02	2	8	7	6			1								
	17	9776	29		13	05	28	80	8	02	2	8	6	5			1								
	20	9767	27		11	07	20	80	8	02	2	8	6	5			1								
	23	9760	27		10	07	18	80	8	02	2	8	6	5			1			04	51	416	0000	29	23
06	02	9753	27		09	07	12	80	8	02	2	8	6	5			1								
	05	9747	27		10	07	17	80	8	02	1	8	6	5	2		1								
	08	9741	30		12	07	16	80	8	02	2	5	6	2	1		1								
	11	9742	29		12	05	31	80	8	15	2	4	7	5	2		1								
	14	9758	32		15	05	26	80	8	15	2	3	7	5	2		1								
	17	9763	31		12	05	13	80	8	15	2	6	7	5	2		1	1							
	20	9770	28		12	03	06	80	8	01	2	3	5	5	1		1	1							
	23	9778	27		10	00	00	82	5	01	2	1	5	5	1		1	1		04	47	549	0000	32	20
07	02	9790	21		00	08	05	82	5	02	2	1	5	5	1	0	1	1							
	05	9798	20		503	07	10	82	8	02	1	1	5	6	1		1	1							
	08	9807	22		505	05	12	82	8	02	1	8	0	9	1			1							
	11	9811	22		02	35	09	82	7	01	1	0	0	9	0	7			6						
	14	9812	23		02	25	06	82	4	01	1	0	0	9	0	2			6						
	17	9809	24		06	22	10	82	3	02	0	0	0	9	0	1			6						
	20	9815	23		05	19	10	82	3	03	1	2	0	8	2	4			6						
	23	9826	18		01	05	08	82	4	03	1	0	0	9	0	5			6	04	19	276	0000	24	15
08	02	9830	15		503	00	00	82	2	02	0	0	0	9	0	8			6						
	05	9831	15		504	00	00	82	5	03	0	0	0	9	0	6			6						
	08	9828	19		506	03	09	82	3	01	0	0	0	9	0	6			6						
	11	9828	20		501	01	10	82	3	02	0	0	0	9	0	6			6						
	14	9821	21		02	35	08	82	7	03	2	0	0	9	0	6			6						
	17	9820	20		02	35	07	82	5	01	1	0	0	9	0	6			5						
	20	9815	19		04	18	05	82	6	03	2	0	0	9	0	8			6						
	23	9814	16		501	06	08	82	6	02	2	0	0	9	0	8			6	04	10	178	0000	21	14
09	02	9816	13		504	05	08	82	3	03	1	0	0	9	0	6			6						
	05	9809	15		505	04	18	82	6	03	2	1	5	7	0	6	1								
	08	9804	17		504	04	24	80	6	03	2	1	5	7	3	0	1	7							
	11	9803	18		00	03	18	80	8	03	1	2	5	7	3		1	7							
	14	9795	19		04	03	15	80	8	03	1	7	5	7	1		1	7							
	17	9797	19		04	03	19	80	8	02	2	7	5	7	1		1	7							
	20	9799	17		04	03	09	80	8	02	2	7	5	7	1		1	7							
	23	9799	15		02	04	04	80	8	02	2	8	5	7			1			04	33	245	0000	19	13

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	w	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St. miles	Points	°F	°F
10	02	9801	14		01	06	05	80	6	01	2	6	5	7	0	0	1								
	05	9808	14		501	05	07	82	5	01	1	5	5	7	0	2	1								
	08	9807	18		03	01	10	82	7	03	2	6	5	7	3		1								
	11	9818	19		03	36	06	82	7	02	2	7	5	7			1								
	14	9825	20		04	01	09	82	7	02	2	7	5	7			1								
	17	9837	20		04	00	00	82	7	02	2	7	5	5			1								
	20	9830	21		04	00	00	82	7	02	2	7	5	5			1								
	23	9828	20		03	06	10	82	8	02	2	8	5	5			1			04	18	283	0000	21	14
11	02	9822	18		01	04	10	82	8	02	2	8	5	5			1								
	05	9815	21		504	09	09	81	7	01	1	5	5	5	1										
	08	9806	22		503	07	25	81	8	03	1	8	5	6											
	11	9789	24		05	03	20	81	8	02	1	1	5	6	1	8									
	14	9755	25		03	05	30	80	8	03	1	8	6	6											
	17	9731	24		08	07	26	80	8	15	2	4	7	5	2		1								
	20	9695	24		08	06	48	80	8	15	2	4	7	5	2		1								
	23	9695	24		09	07	37	80	8	15	2	2	7	5	2		1			05	64	210	0000	26	18
12	02	9695	23		09	07	31	80	8	02	2	4	7	5	2		1								
	05	9695	23		07	07	26	80	8	15	2	5	7	5	2		1								
	08	9688	24		07	05	33	80	8	02	2	5	7	5	2		1								
	11	9686	23		12	04	24	80	8	02	2	3	7	5	2		1								
	14	9679	24		16	04	30	80	8	01	2	8	0	9	2										
	17	9703	26		22	04	26	24	8	71	7	8	7	5			1								
	20	9739	25		19	05	26	40	8	71	7	4	7	5	2		1								
	23	9760	25		17	05	26	40	8	71	7	4	7	5	2		1			04	52	567	0000	26	23
13	02	9784	21		08	07	22	80	8	01	7	3	7	5	2		1								
	05	9801	21		07	08	08	80	8	01	2	3	7	5	1		1								
	08	9807	26		06	09	12	80	6	01	1	3	5	5	3	1	1	2	2						
	11	9814	28		07	05	20	80	8	02	1	3	5	5	3	1	1	2	2						
	14	9820	25		12	01	14	80	8	03	1	8	5	5			1								
	17	9828	26		11	36	05	80	6	01	1	6	5	5	0	0	1								
	20	9815	23		07	18	13	81	7	02	1	6	5	5	1		1								
	23	9810	16		03	17	07	81	4	01	1	4	5	5			1			04	35	497	0000	28	16
14	02	9807	17		501	09	06	81	6	03	2	6	5	6	0	0	1								
	05	9802	17		503	05	05	80	8	03	2	8	5	7			1								
	08	9793	19		01	01	13	81	7	01	2	7	5	7			4								
	11	9788	20		03	36	18	82	0	02	0	0	0	9	0	0									
	14	9788	22		05	34	10	82	1	02	0	1	5	5	0	0	3								
	17	9790	22		05	22	12	82	1	02	0	1	1	5	0	0	3								
	20	9786	24		03	06	09	82	0	02	0	0	0	9	0	0									
	23	9790	19		01	06	09	82	0	02	0	0	0	9	0	0				04	27	238	0000	24	17
15	02	9795	17		00	08	07	82	0	02	0	0	0	9	0	0									
	05	9798	18		501	06	07	82	0	02	0	0	0	9	0	0									
	08	9798	18		03	00	00	82	5	03	0	5	5	7	0	0	1								
	11	9801	25		04	04	26	82	3	02	1	3	5	7	0	0	1								
	14	9807	25		09	02	18	82	5	03	1	5	5	7	0	0	1								
	17	9810	24		10	03	10	82	7	02	2	7	8	5			1								
	20	9817	23		12	02	05	82	7	02	2	7	8	5			1								
	23	9817	23		10	15	02	82	7	02	7	7	8	5			1			04	31	195	0000	25	17
16	02	9814	21		11	04	10	82	8	02	2	8	5	6			1								
	05	9814	19		04	04	13	82	8	02	2	8	5	6			1								
	08	9805	20		03	02	10	82	8	02	2	8	5	6			1								
	11	9791	21		07	01	10	82	8	02	2	8	5	6			1								
	14	9784	23		09	34	03	82	5	01	2	5	5	6	0	0	1								
	17	9783	22		08	02	04	82	8	03	1	8	5	6			1								
	20	9779	22		09	02	01	82	8	02	2	8	5	6			1								
	23	9782	21		10	01	06	80	8	15	2	8	5	6			1			03	22	263	0000	23	19
17	02	9800	19		16	02	03	80	8	70	7	8	5	6			1								
	05	9824	19		14	01	06	80	7	70	7	7	5	6											
	08	9843	19		10	03	20	80	7	02	7	7	5	5			1								
	11	9881	23		09	04	20	80	8	02	7	8	5	5			1								
	14	9915	23		11	03	24	80	6	02	1	6	5	5	0	0	1								
	17	9940	22		10	03	15	80	8	02	1	3	8	5	3	8	1		6						
	20	9968	21		08	01	06	81	5	01	1	2	5	7	1	8	1		6						
	23	9975	20		07	11	01	81	4	02	1	3	5	7	0	8	1		6	03	27	174	0000	23	19
18	02	9975	20		07	00	00	81	5	03	2	5	5	7	0	8	1		6						
	05	9990	21		05	00	00	81	6	02	2	5	5	7	0	8	1		6						
	08	9978	23		11	00	00	81	8	02	2	8	5	7			1								
	11	9963	23		09	02	16	80	7	22	7	7	5	7											
	14	9940	23		11	01	13	80	8	02	2	1	5	5	0	7									
	17	9919	22		10	21	09	40	8	70	7	7	5	5	1										
	20	9888	21		14	20	10	40	8	71	7	5	5	5	1										
	23	9864	21		12	00	00	80	8	02	7	3	0	9	1	7		1	7	01	23	197	0000	24	19

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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	9825	20		07	08	05	80	7	02	1	6	5	7	1										
	05	9804	23		09	09	06	82	7	02	2	6	5	7	1										
	08	9782	22		10	00	00	80	8	02	2	8	6	6			1								
	11	9748	24		10	00	00	80	8	02	2	4	5	6	2		1								
	14	9707	24		11	24	09	82	6	01	2	5	5	7	2		1								
	17	9663	27		06	02	09	82	1	02	0	0	0	9	0	1			6						
	20	9648	26		10	22	09	82	3	02	0	0	0	9	0	1			6						
	23	9590	22		06	14	04	82	5	03	0	0	0	9	0	6			6	24	21	181	0000	27	19
20	02	9570	23		05	14	02	81	7	03	0	7	5	6			1								
	05	9538	23		15	25	06	80	8	02	2	8	5	6			1								
	08	9539	25		20	00	00	80	8	71	7	8	5	5			1								
	11	9576	27		25	00	00	40	7	22	7	7	5	5			1								
	14	9591	33		21	04	29	40	8	03	2	8	7	5			1								
	17	9624	24		22	31	09	08	8	71	7	8	7	5			1								
	20	9673	21		20	29	05	05	8	71	7	8	7	5			1								
	23	9734	20		15	30	08	40	8	71	7	8	7	5			1			04	12	128	0000	33	20
21	02	9783	19		16	01	04	80	5	22	7	5	5	6	0	0	1								
	05	9829	22		12	05	12	80	8	03	1	8	5	6			1								
	08	9846	24		14	05	18	80	8	02	2	8	5	6			1								
	11	9870	27		16	05	30	40	8	16	2	8	5	6			1								
	14	9849	30		17	05	29	24	8	16	2	8	5	6			1								
	17	9858	29		22	05	35	24	8	71	7	8	7	5			1								
	20	9862	29		24	04	30	40	8	02	7	8	7	5			1								
	23	9900	30		27	04	22	80	8	02	2	8	5	6			1			03	54	287	0001	30	19
22	02	9913	29		28	04	20	80	8	02	2	8	5	6			1								
	05	9925	29		28	04	20	80	8	02	2	8	5	6			1								
	08	9927	31		29	04	17	08	8	71	7	8	7	4			8								
	11	9929	33		27	04	26	16	8	70	7	7	7	4	1		8		7						
	14	9932	33		26	04	26	24	8	22	7	8	6	5			8								
	17	9922	31		24	03	17	24	8	15	7	8	6	5			1								
	20	9906	29		21	00	00	40	8	02	2	1	5	5	1	7	1								
	23	9887	27		25	15	04	81	5	01	2	1	0	9	4	1	1		8	04	47	607	0004	33	25
23	02	9871	25		05	08	06	81	8	02	1	8	0	9	1		1								
	05	9851	27		04	07	11	80	8	02	2	8	0	9	1										
	08	9836	30		03	04	11	80	8	02	2	8	0	9	1										
	11	9816	30		09	35	06	80	8	01	2	0	0	9	0	7									
	14	9798	30		15	24	10	80	8	02	2	0	0	9	0	7									
	17	9785	29		20	25	08	80	8	03	2	0	0	9	0	7									
	20	9776	28		21	05	04	80	8	03	2	8	0	9	1										
	23	9784	25		03	07	08	80	8	02	2	8	0	9	1					04	20	277	0000	30	25
24	02	9792	22		503	08	13	81	7	02	1	3	0	9	5	8									
	05	9801	21		504	08	09	81	8	02	2	0	0	9	0	7									
	08	9812	23		501	04	27	81	8	02	2	0	0	9	0	7									
	11	9821	27		08	06	30	81	8	02	2	0	0	9	0	7									
	14	9842	27		10	05	37	81	8	02	2	0	0	9	0	7									
	17	9853	28		08	05	27	81	8	02	2	0	0	9	0	7									
	20	9869	25		09	05	10	81	8	03	2	1	1	7	0	7	1		6						
	23	9887	25		10	07	10	81	8	03	2	1	1	7	7	7	1	1	6	03	45	235	0000	28	21
25	02	9908	22		06	05	06	81	8	02	2	1	1	7	7	7									
	05	9920	24		05	00	00	81	8	02	2	8	0	9	1				1						
	08	9914	27		07	02	10	81	8	02	2	3	0	9	1	7			1						
	11	9912	26		08	36	08	81	7	02	2	0	0	9	0	7			1						
	14	9909	26		10	27	05	81	7	02	2	0	0	9	0	8			1						
	17	9913	27		11	26	03	81	8	03	2	2	5	6	0	7			1						
	20	9916	24		13	01	04	81	8	02	2	0	0	9	0	7			1						
	23	9919	23		12	00	00	81	8	02	2	0	0	9	0	7			1	34	18	346	0000	28	22
26	02	9922	21		08	00	00	82	3	01	1	0	0	9	0	7			1						
	05	9919	23		08	10	03	82	6	03	1	2	5	7	0	7	1		7						
	08	9917	26		11	36	05	82	8	02	2	8	5	7			1								
	11	9908	29		14	36	11	82	7	01	2	7	5	7			1								
	14	9905	29		13	00	00	82	8	02	2	8	5	7			1								
	17	9893	31		16	00	00	82	6	02	2	6	5	7	0	0	1								
	20	9888	28		17	00	00	82	5	02	2	5	5	7	0	1	1								
	23	9890	25		11	04	04	82	4	01	2	1	5	7	0	1	1		7	01	19	136	0000	31	25
27	02	9895	25		08	08	09	82	3	02	0	2	5	7	0	1	2		7						
	05	9886	25		06	07	09	82	2	02	0	1	5	7	0	1	2								
	08	9884	28		11	02	18	82	4	03	1	1	5	7	0	1	1								
	11	9882	30		13	02	22	82	5	03	1	1	5	7	0	6	1								
	14	9885	32		13	04	20	82	6	03	1	3	8	5	0	6	1								
	17	9886	31		20	04	10	82	6	02	2	3	8	5	0	6									
	20	9886	30		17	04	17	82	7	03	2	6	5	7	0	6									
	23	9899	28		14	06	17	82	8	02	2	5	5	7	1	2				04	30	201	0000	32	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	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
28	02	9902	26		05	08	13	82	7	02	2	3	5	7	0	6									
	05	9903	25		05	06	17	82	7	02	2	2	0	9	0	6									
	08	9927	28		08	07	19	82	7	03	2	2	5	7	0	6									
	11	9902	31		11	03	20	82	8	03	2	2	6	5	0	6									
	14	9911	30		15	03	12	82	8	02	2	2	8	5											
	17	9920	30		18	08	14	82	8	02	2	2	8	5											
	20	9929	29		14	05	10	82	8	02	2	2	8	5											
	23	9940	27		11	06	09	82	8	02	2	2	8	5						08	31	354	0000	31	25
29	02	9942	25		10	07	10	82	5	03	1	5	5	7	0	0									
	05	9957	27		10	07	10	82	7	03	2	2	5	7			1								
	08	9956	27		12	33	05	82	7	02	2	2	5	7			3								
	11	9958	29		15	23	08	81	8	02	2	2	5	7			3								
	14	9957	29		15	20	12	81	8	02	2	2	5	7			3								
	17	9951	29		17	21	13	81	7	01	2	2	5	7	3										
	20	9942	27		23	22	05	82	7	02	2	7	0	9	3										
	23	9933	23		20	21	06	82	3	01	1	3	0	9	3	0				21	17	249	0000	30	22
30	02	9927	22		11	17	01	82	3	02	0	3	0	9	3	0									
	05	9913	22		09	04	07	82	6	03	2	5	5	7	3		3								
	08	9903	25		10	02	09	82	7	02	2	7	5	7			3								
	11	9896	26		11	02	13	82	8	02	2	6	5	7	3		1								
	14	9891	26		12	02	18	81	8	03	2	8	5	7			1								
	17	9886	24		19	03	16	16	8	73	7	8	8	7			1								
	20	9885	24		16	02	13	80	8	22	7	6	7	3	2		1								
	23	9882	24		19	04	08	16	8	71	7	8	7	3			1			02	27	203	0000	26	24

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DAVIS – Dec., 1960

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND							LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	02	9883	25		19	03	04	80	8	02	7	5	7	3	2		3								
	05	9880	24		23	03	16	08	8	71	7	8	7	3			1								
	08	9891	24		18	04	22	40	8	71	7	3	7	3	2		1	1							
	11	9896	28		19	02	20	40	8	15	2	3	7	3	2		1	1							
	14	9901	28		19	04	19	40	8	03	2	4	5	6	2		1	1							
	17	9901	29		18	03	10	80	8	15	2	7	5	3	7		1	1							
	20	9901	27		16	00	00	81	7	01	2	7	5	6			1								
	23	9904	24		17	00	00	81	5	01	2	5	5	6			1			05	34	320	0000	29	18
02	02	9893	18		03	13	07	82	1	05	2	1	5	7	0	0	1								
	05	9891	22		01	03	10	82	2	05	2	2	5	7	0	0	5								
	08	9895	22		07	36	10	82	0	01	0	0	0	9	0	0									
	11	9893	25		09	35	10	82	0	02	0	0	0	9	0	0									
	14	9891	26		14	35	07	82	1	02	2	1	5	7	0	0	5								
	17	9886	25		14	25	04	82	4	03	2	4	5	7	0	0	5								
	20	9880	25		12	21	08	82	1	01	0	1	5	7	0	0	5								
	23	9870	23		12	19	02	82	0	02	0	0	0	9	0	0				36	18	225	0000	26	18
03	02	9868	21		10	00	00	83	0	02	0	0	0	9	0	0									
	05	9865	22		09	02	04	83	0	02	0	0	0	9	0	0									
	08	9852	23		07	36	08	83	0	02	0	0	0	9	0	0									
	11	9846	25		11	29	05	83	0	02	0	0	0	9	0	0									
	14	9837	25		12	23	11	83	0	02	0	0	0	9	0	0									
	17	9852	25		17	23	10	83	0	02	0	0	0	9	0	0									
	20	9837	21		18	24	09	83	0	02	0	0	0	9	0	0									
	23	9843	19		11	22	08	83	0	02	0	0	0	9	0	0				26	14	147	0000	25	19
04	02	9847	16		12	00	00	83	0	02	0	0	0	9	0	0									
	05	9852	18		10	00	00	83	0	02	0	0	0	9	0	0									
	08	9856	22		06	35	05	83	0	02	0	0	0	9	0	0									
	11	9858	23		14	24	09	83	0	02	0	0	0	9	0	0									
	14	9855	25		12	23	14	83	0	02	0	0	0	9	0	0									
	17	9856	25		15	22	13	83	0	02	0	0	0	9	0	0									
	20	9861	23		16	23	12	83	0	02	0	0	0	9	0	0									
	23	9869	18		13	23	09	83	0	02	0	0	0	9	0	0				23	17	167	0000	25	16
05	02	9875	16		11	23	08	83	0	30	2	5	6	0	1				2						
	05	9875	15		10	22	07	83	4	03	1	4	5	6	0	0									
	08	9870	17		13	24	07	83	5	03	1	5	5	7	0	0									
	11	9862	24		19	23	12	83	5	03	1	5	5	7	0	0									
	14	9849	25		19	23	13	83	0	01	0	0	0	9	0	0									
	17	9839	25		17	23	14	83	0	02	0	0	0	9	0	0									
	20	9824	22		17	23	13	83	0	02	0	0	0	9	0	0									
	23	9820	17		12	23	08	83	1	02	0	0	0	9	0	5			6	23	19	241	0000	25	18
06	02	9826	14		10	22	02	82	3	03	0	0	0	9	0	6			6						
	05	9829	15		12	00	00	16	5	11	4	0	0	9	0	6			6						
	08	9839	19		16	24	06	81	5	28	4	0	0	9	0	6			6						
	11	9847	23		13	25	06	81	8	03	2	0	0	9	0	6			6						
	14	9869	25		10	23	06	81	8	03	2	4	0	8	1	6		2	6						
	17	9886	25		11	25	08	81	8	03	2	7	5	6	0	6		2	6						
	20	9897	27		14	00	00	81	7	01	1	3	5	6	0	9	1								
	23	9912	23		17	00	00	81	8	03	1	8	6	4			1			36	10	230	0000	28	14
07	02	9921	23		17	19	03	81	6	03	1	6	0	9	5	0									
	05	9919	22		16	22	10	81	6	03	1	6	5	6	0	0									
	08	9914	25		19	22	15	80	7	70	1	7	6	5											
	11	9897	27		16	23	18	80	7	02	7	3	6	5	7										
	14	9877	28		21	23	22	81	7	02	1	1	6	5	7										
	17	9858	27		20	23	12	81	4	02	1	1	6	5	7	0									
	20	9845	26		20	23	11	81	7	03	1	7	5	6	0	0									
	23	9837	21		19	25	06	08	7	40	1	7	5	6						22	25	172	0000	28	22
08	02	9839	20		17	28	09	81	3	01	1	3	5	6	0	0									
	05	9840	21		18	00	00	81	8	03	2	8	5	6											
	08	9839	27		08	02	16	82	5	01	2	5	5	6	0	0									
	11	9846	28		10	02	18	82	6	03	1	1	5	7	1	2	1		7						
	14	9856	29		15	02	22	82	7	03	1	5	2	5	0	2	1	1	7						
	17	9859	29		15	03	22	80	8	02	2	6	5	4	3		1	1							
	20	9856	29		14	03	24	80	8	02	2	8	5	4			1								
	23	9838	30		13	03	17	80	8	02	2	6	5	6	3		1	1		04	48	264	0000	32	27
09	02	9804	30		14	03	33	80	8	02	2	8	5	6			1								
	05	9755	31		15	05	28	80	8	02	2	8	5	6			1								
	08	9715	32		19	05	20	80	8	02	2	8	5	5			1								
	11	9670	31		16	06	64	40	8	31	3	8	7	5	2		1								
	14	9656	31		17	06	54	40	8	38	3	3	7	5	2		1								
	17	9679	31		20	08	48	40	8	38	3	3	7	5	2		1								
	20	9667	30		21	08	54	40	6	38	3	5	7	5	2		1								
	23	9730	29		20	05	44	40	8	38	3	5	7	5	2	7	1			05	91	598	0000	32	29

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LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND							LOW CLOUD						DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER		AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W		Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	02	9768	30		21	04	35	80	3	01	2		3	7	5	0	0	1								
	05	9793	30		16	05	41	80	2	02	0		1	5	6	3	0	1								
	08	9809	35		17	05	40	81	5	03	2		4	5	6	3	0	1								
	11	9826	37		16	05	38	82	5	02	2		4	5	6	3	0	1								
	14	9836	35		14	05	33	82	7	03	1		4	5	6	3	0	1								
	17	9838	35		15	04	31	80	8	03	1		2	5	6	7		1								
	20	9838	33		14	04	22	80	7	01	2		5	0	9	7	2		1							
	23	9835	30		14	05	13	81	6	02	2		2	8	5	5	0	1			05	60	1032	0000	37	30
11	02	9837	28		11	07	10	81	3	02	1		2	8	5	2	0	1	1							
	05	9837	30		06	07	10	81	2	01	1		2	5	6	0	0	1								
	08	9830	31		02	07	16	82	1	02	0		1	5	7	0	0	1								
	11	9826	34		04	02	18	82	1	02	0		1	0	9	1	0	1								
	14	9825	32		14	36	08	82	0	02	0		0	0	9	0	0									
	17	9828	30		14	00	00	82	0	02	0		0	0	9	0	0									
	20	9820	34		14	00	00	82	0	02	0		0	0	9	0	0									
	23	9823	30		10	07	13	82	0	02	0		0	0	9	0	0				02	27	445	0000	34	28
12	02	9825	27		06	07	12	82	0	02	0		0	0	9	0	0									
	05	9827	28		06	06	23	82	0	02	0		0	0	9	0	0									
	08	9825	30		06	06	27	82	0	02	0		0	0	9	0	0									
	11	9812	32		08	05	27	82	1	03	0		1	1	5	0	0	1								
	14	9800	33		10	05	26	82	0	02	0		0	0	9	0	0									
	17	9791	33		10	05	26	82	2	02	0		2	1	5	0	0	1								
	20	9770	32		09	07	22	82	0	02	0		0	0	9	0	0									
	23	9759	31		08	07	22	82	0	02	0		0	0	9	0	0				05	53	357	0000	33	28
13	02	9749	29		07	07	14	82	1	02	0		1	5	6	0	0									
	05	9740	32		09	09	15	82	7	03	1		7	5	6			1								
	08	9732	32		07	09	22	82	8	02	2		8	5	6			1								
	11	9735	35		09	09	27	82	7	01	2		7	5	6			1								
	14	9734	37		11	07	30	20	5	01	2		5	8	5	0	0	1								
	17	9728	38		11	06	28	20	4	01	2		4	8	5	0	0	1								
	20	9729	32		07	07	22	20	3	01	2		3	8	5	1	0	1	1							
	23	9728	32		09	07	30	81	6	03	2		6	8	5			1	1		05	47	508	0000	38	29
14	02	9732	31		11	06	26	81	7	02	2		3	5	6	1		1	1							
	05	9738	31		11	06	26	81	8	02	2		2	5	6	1	8	1								
	08	9746	33		12	05	26	81	8	02	2		8	0	9	7										
	11	9751	33		15	04	26	81	8	02	2		3	6	5	7		1	1							
	14	9751	35		16	04	20	81	8	02	2		5	6	5	7		1	1							
	17	9747	34		18	04	13	81	8	02	2		5	5	6	7		1	1							
	20	9741	32		24	01	06	81	8	02	2		7	5	6	7		1	1							
	23	9746	31		17	04	11	80	8	70	2		8	5	6			1			05	46	555	0000	35	30
15	02	9740	30		13	05	18	80	8	02	2		8	5	6			1								
	05	9732	30		13	05	18	80	8	02	2		8	5	6			1								
	08	9740	32		12	04	26	80	8	02	2		5	5	6	1		1								
	11	9736	34		12	04	18	80	8	02	2		5	5	6	1		1								
	14	9738	35		14	04	25	80	8	02	2		8	5	6			1								
	17	9732	33		15	01	10	40	8	70	7		8	7	4			1								
	20	9734	32		14	08	12	40	7	01	2		5	7	4	3		1								
	23	9729	31		09	03	05	80	7	02	2		4	7	4	3		1			04	37	376	0000	35	30
16	02	9721	28		08	12	05	82	7	02	2		0	0	9	0	2									
	05	9709	27		10	11	11	82	8	02	2		0	0	9	0	2									
	08	9688	30		06	34	02	82	4	01	1		0	0	9	0	2									
	11	9673	30		11	32	08	82	2	02	0		0	0	9	0	1									
	14	9665	29		14	25	05	82	1	02	0		1	5	5	0	2	2								
	17	9656	31		11	00	00	82	2	02	0		1	2	5	0	8	8								
	20	9651	31		09	00	00	82	2	02	0		2	2	5	0	0	8								
	23	9646	30		11	00	00	82	5	03	2		5	8	5	0	0	8			09	16	197	0001	31	27
17	02	9648	27		09	02	07	82	0	02	1		0	0	9	0	0									
	05	9649	27		10	02	05	82	0	02	0		0	0	9	0	0									
	08	9658	27		10	36	14	82	0	02	0		0	0	9	0	0									
	11	9666	31		10	01	22	82	4	03	0		0	0	9	0	1									
	14	9676	31		13	36	06	20	7	03	0		4	5	6	0	6	2								
	17	9678	29		15	22	10	20	7	02	2		4	5	6	0	6	2								
	20	9682	30		17	20	13	82	8	02	2		1	1	5	0	7	2								
	23	9692	31		12	07	10	82	8	02	2		1	1	5	0	7	2			02	28	154	0000	32	27
18	02	9715	28		11	05	10	82	6	01	1		1	5	7	3	8	2								
	05	9739	30		13	04	11	82	6	03	1		6	5	7	0	8	2								
	08	9763	32		13	03	17	82	7	03	2		5	0	9	1	8	2								
	11	9788	32		17	02	13	82	8	15	2		2	1	5	7		2								
	14	9827	33		19	02	16	82	8	02	2		2	1	5	7		2								
	17	9827	33		21	35	02	82	8	03	2		8	5	5	7		2								
	20	9835	38		19	00	00	82	7	01	1		5	5	5	7	7	2								
	23	9861	35		14	06	13	82	5	02	2		6	5	5	7	0	0			04	27	169	0000	38	27

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	9879	31		09	07	17	82	4	02	1	4	5	7	0	0	1								
	05	9897	35		12	06	23	82	3	01	1	3	5	7	0	0									
	08	9898	35		09	08	23	82	3	01	1	1	5	7	1	0	1								
	11	9882	40		09	08	16	82	4	03	1	4	0	9	3	0									
	14	9858	35		17	28	06	82	0	02	1	0	0	9	0	0									
	17	9829	43		09	12	12	82	0	02	0	0	0	9	0	0									
	20	9792	39		05	12	15	82	1	02	0	0	0	9	0	8									
	23	9774	35		07	10	16	82	5	03	1	4	0	9	2	8				05	37	317	0000	43	30
20	02	9757	36		14	07	24	82	8	03	2	5	5	7	2										
	05	9749	37		16	04	14	82	8	03	2	7	5	7	1		1								
	08	9741	37		18	05	26	81	7	02	2	6	5	7	1		1								
	11	9739	38		19	05	26	81	7	02	2	3	7	4	7		8								
	14	9740	38		24	05	23	81	7	02	2	3	1	5	3		1								
	17	9743	35		27	02	09	81	8	02	2	4	5	6	7	8									
	20	9739	38		19	06	06	81	8	02	2	8	0	9	3										
	23	9748	35		15	06	05	81	8	01	2	8	0	9	3					06	43	153	0000	40	33
21	02	9754	33		08	05	13	81	8	02	2	8	0	9	3										
	05	9766	34		03	07	11	81	7	02	2	7	0	9	1										
	08	9778	37		08	05	26	81	7	02	2	7	0	9	1										
	11	9785	40		09	04	28	81	3	01	2	3	0	9	1	0									
	14	9798	37		16	02	12	81	2	01	1	1	0	9	1	2									
	17	9802	39		13	06	14	82	2	02	1	2	0	9	1	0									
	20	9826	35		12	04	14	82	1	02	1	1	0	9	1	0									
	23	9852	32		11	05	12	82	2	02	1	1	5	6	1	0				04	44	557	0000	40	31
22	02	9861	30		07	07	17	82	1	02	0	1	5	6	0	0	2								
	05	9876	32		05	07	14	82	7	03	2	7	5	6			2								
	08	9887	33		05	04	15	82	8	02	2	8	5	6											
	11	9896	34		09	02	22	82	3	01	2	2	5	6	7	0									
	14	9906	32		14	01	17	82	2	01	2	1	5	7	7	0									
	17	9913	32		16	01	10	82	4	03	1	3	5	7	7	0									
	20	9917	29		19	00	00	82	6	03	2	5	5	7	7	0									
	23	9921	29		17	04	07	82	6	02	2	5	5	7	7	0				02	30	341	0000	35	28
23	02	9925	28		10	07	07	82	5	03	2	6	5	7	7	0									
	05	9924	29		10	02	10	82	6	03	2	6	5	7	7	0	1								
	08	9923	30		14	01	10	82	5	02	2	5	5	7	7	0	1								
	11	9919	31		17	36	10	82	7	02	1	7	5	7	7	0	1								
	14	9917	31		17	33	09	81	7	02	2	7	5	7	7	0	1								
	17	9906	30		19	24	05	81	7	22	2	7	5	7	7	7									
	20	9892	32		18	20	09	82	2	01	2	7	5	7	9	3		1							
	23	9888	30		20	19	11	82	1	02	0	1	5	7	7	0	1			36	16	258	0000	32	28
24	02	9861	27		11	19	08	82	1	02	0	1	5	7	9	0	1								
	05	9843	29		11	17	06	82	0	02	0	0	0	9	9	0	0								
	08	9847	30		13	03	04	82	0	02	0	0	0	9	9	0	0								
	11	9854	32		11	01	04	82	0	02	0	0	0	9	9	0	5								
	14	9859	32		17	27	05	82	1	03	2	7	8	5	4			1	1						
	17	9862	33		24	05	12	81	7	22	2	7	7	4	4	2		1	1						
	20	9872	34		24	07	17	81	8	02	2	8	7	4	4			1							
	23	9883	33		27	07	16	81	8	02	2	8	7	4	4			1		05	29	201	0000	35	27
25	02	9886	33		22	07	13	81	8	70	7	5	7	4	2			1	1						
	05	9888	34		17	07	09	82	8	01	2	3	0	9	1		2		1						
	08	9890	36		09	08	10	82	8	02	2	4	0	9	1		2		1						
	11	9897	36		12	04	14	82	8	02	2	1	0	9	1		2		1						
	14	9903	35		19	02	08	82	6	01	1	5	1	5	0		2		1						
	17	9907	34		19	00	00	82	5	03	1	2	5	5	0		3								
	20	9915	34		20	00	00	82	2	02	1	0	5	6	0		2								
	23	9919	32		22	00	00	82	0	02	1	0	0	9	0	0	2			04	32	297	0000	39	32
26	02	9922	30		19	00	00	82	1	02	0	1	0	9	1	0									
	05	9939	32		17	04	05	82	0	02	0	0	0	9	0	0									
	08	9943	33		20	36	04	82	1	03	0	1	0	9	3	0									
	11	9946	34		20	35	05	82	5	03	0	5	0	9	3	0		2							
	14	9954	33		20	26	04	82	6	03	0	6	0	9	7	0		2							
	17	9947	35		25	00	00	82	5	03	0	5	0	9	0	0									
	20	9933	32		24	27	05	82	0	01	0	0	0	9	0	0									
	23	9929	33		23	22	06	82	0	02	0	0	0	9	0	0				36	11	160	0000	35	30
27	02	9928	29		20	24	02	82	0	02	0	0	0	9	0	0									
	05	9917	33		20	05	12	82	0	02	0	0	0	9	0	0									
	08	9908	32		18	04	10	82	0	02	0	0	0	9	0	0									
	11	9898	33		17	01	10	82	1	02	0	0	5	9	0	0									
	14	9882	33		18	29	05	82	0	02	0	0	0	9	0	0									
	17	9873	33		19	00	00	82	0	02	0	0	0	9	0	0									
	20	9862	33		17	25	03	82	1	02	0	0	0	9	0	0									
	23	9862	32		17	05	14	82	5	03	1	0	0	9	0	6				05	17	160	0000	33	29

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St. miles	Points	°F	°F
28	02	9872	27		14	04	16	82	7	03	2	1	5	7	0	6									
	05	9879	27		12	04	20	82	6	03	2	3	5	7	0	8	1								
	08	9886	29		14	04	17	82	5	01	1	2	5	5	0	8	1								
	11	9893	31		11	04	22	82	2	02	0	1	5	5	0	1	1								
	14	9902	32		14	04	22	82	3	03	0	1	5	5	0	5	1								
	17	9905	33		15	04	22	82	4	03	0	1	5	5	0	2	1								
	20	9908	31		15	04	22	82	4	02	2	1	7	4	0	2	1								
	23	9913	28		14	04	22	82	8	03	2	2	1	5	5	2	1			02	38	262	0000	34	27
29	02	9911	28		09	05	30	82	8	03	2	2	1	5	5	2	1								
	05	9911	28		11	01	12	82	8	03	2	2	1	5	5	2	1								
	08	9901	32		05	05	18	81	5	02	1	5	0	9	2	2		1							
	11	9888	31		11	26	15	81	5	01	1	1	5	5	2	6	1	1							
	14	9871	37		03	04	20	81	7	03	1	1	0	9	2	6		1							
	17	9860	37		07	08	14	81	8	02	2	3	0	9	2	6		1							
	20	9847	35		06	07	14	81	8	02	2	5	0	9	5	2		1							
	23	9834	38		11	07	18	81	8	03	2	1	1	5	5	2	1	1		07	45	481	0000	38	27
30	02	9831	32		02	05	25	81	8	03	2	5	8	6	9	2	1	1							
	05	9824	33		02	07	18	81	7	02	2	5	5	6	3		1	1							
	08	9820	33		03	07	21	81	7	02	2	7	0	9	7			1							
	11	9815	37		07	07	22	81	7	02	2	7	0	9	5			1							
	14	9815	33		15	33	03	81	7	02	2	7	0	9	7			1							
	17	9812	40		14	05	20	81	5	01	2	5	0	9	7			1							
	20	9817	37		13	07	17	81	6	02	2	6	0	9	7			1							
	23	9822	35		08	04	17	82	4	01	1	4	0	9	3	0		1		05	41	409	0000	40	32
31	02	9830	31		03	12	08	82	4	02	2	4	0	9	3	0									
	05	9835	32		02	09	13	82	2	01	1	2	0	9	3	0									
	08	9838	35		03	04	12	82	0	02	0	0	0	9	0	0									
	11	9836	34		17	36	12	82	0	02	0	0	0	9	0	0									
	14	9838	35		13	02	13	82	0	02	0	0	0	9	0	0									
	17	9841	37		14	02	15	82	0	02	0	0	0	9	0	0									
	20	9846	33		15	02	08	82	0	02	0	0	0	9	0	0									
	23	9842	30		14	04	05	82	0	02	0	0	0	9	0	0				05	23	308	0000	37	30

Results of Surface Observations,
MACQUARIE – JAN., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	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	9886	46	46	46	32	30	03	8	44	2	8	6	0			7								
	03	9885	45	45	44	32	25	56	2	01	1	1	6	4	2	0	7								
	06	9889	46	45	44	32	25	56	2	40	1	2	6	4	0	0	7								
	09	9879	47	45	44	32	26	56	7	03	1	7	5	4			7								
	12	9868	47	46	45	32	26	56	4	01	1	4	5	4	0	0	7								
	15	9887	47	46	44	32	20	64	5	03	1	5	5	4	0	0	7								
	18	9891	45	45	45	32	20	16	5	03	1	2	6	0	3	0	7								
	21	9894	44	43	42	32	14	58	2	05	1	1	6		7	0	7			31	37	607	0010	48	42
02	00	9891	43	43	42	32	10	66	3	02	1	3	0	9	1										
	03	9895	43	43	42	32	03	66	8	03	1	8	5	3			7								
	06	9901	44	44	44	32	03	66	7	01	1	7	5	4			7								
	09	9916	48	46	45	23	07	66	7	03	1	7	5	4			5								
	12	9970	41	39	37	18	21	74	8	20	6	8	5	4			4								
	15	10007	44	40	34	18	09	80	5	01	3	5	5	7			4								
	18	10026	41	39	34	18	04	80	7	50	1	3	5	5	1		4								
	21	10044	39	36	32	21	01	80	4	01	2	4	5	5			5			16	32	381	0000	49	37
03	00	10046	38	35	31	21	03	80	4	01	1	4	5	6	0	0	5								
	03	10030	41	40	39	31	02	80	7	00	2	4	5	5	3	1	7								
	06	10026	42	41	40	34	06	82	6	02	2	4	5	5	3	0	7								
	09	10009	44	43	42	31	12	82	7	02	2	3	5	5	3	1	7								
	12	9991	46	45	44	31	12	82	8	02	2	5	5	5	3		7								
	15	9973	44	44	44	33	18	58	8	50	2	6	6	6	3		7								
	18	9963	45	44	43	28	14	63	8	05	5	7	6	6	2		7								
	21	9963	43	43	42	28	05	66	7	05	2	5	6	6	3		7			31	20	216	0001	46	37
04	00	9956	42	41	40	00	00	66	7	05	2	5	5	5	7		6								
	03	9970	43	43	43	27	02	66	8	00	2	8	5	5	3		6								
	06	9952	43	43	43	00	00	80	7	02	2	3	6	3	3		6								
	09	9948	46	45	43	25	07	80	6	02	2	3	5	4	7	0	6								
	12	9944	48	47	46	27	10	80	6	02	2	6	5	5	3	0	6								
	15	9940	47	45	44	27	12	80	7	15	8	5	8	5	7		6								
	18	9940	44	43	42	27	10	80	7	03	2	5	8	5	7		6								
	21	9944	42	41	39	27	10	66	8	00	8	8	5	4			6			27	20	201	0005	49	40
05	00	9940	41	39	36	27	10	66	8	02	2	8	5	4			6								
	03	9922	42	42	41	23	01	66	8	02	2	4	5	4	1										
	06	9922	43	43	43	31	06	48	8	61	2	8	5	3											
	09	9931	42	42	42	18	10	61	8	50	8	8	5	4			4								
	12	9944	45	43	40	18	09	80	4	01	1	4	5	5	0	0	4								
	15	9963	45	43	40	23	08	80	7	02	2	7	4	5			5								
	18	9986	44	42	39	18	10	80	8	02	2	8	5	5			4								
	21	10010	41	40	39	23	10	80	5	03	2	5	5	5	0	0	4			16	21	201	0003	47	40
06	00	10015	42	41	40	18	10	80	7	02	2	7	5	5			4								
	03	10019	42	41	40	27	12	80	7	02	2	2	5	5	1		6								
	06	10014	43	43	43	28	16	74	8	60	6	1	5	5	1		6								
	09	10007	43	43	43	28	20	74	8	60	6	8	7	4			6								
	12	10012	47	46	45	27	33	74	8	02	5	7	5	4			6								
	15	10028	46	45	44	27	25	74	8	02	2	8	5	4			6								
	18	10049	46	45	44	27	22	80	8	02	2	6	5	5	3		6								
	21	10070	44	44	44	27	17	80	7	02	2	2	6	3	3		6			26	39	254	0004	47	40
07	00	10078	44	44	44	27	10	80	4	02	2	2	6	3	3	0	6								
	03	10085	44	44	44	28	10	32	8	00	2	8	6	2			6								
	06	10100	43	43	43	32	06	00	8	50	4	8	6	0			6								
	09	10101	45	45	45	32	08	00	8	45	4	8	6	0			7								
	12	10097	46	46	46	32	06	32	8	02	4	8	6	1											
	15	10085	46	46	46	32	19	09	8	02	2	8	6	1			7								
	18	10073	45	45	45	32	23	32	6	01	1	5	5	4	3	0									
	21	10054	46	46	46	32	28	32	8	03	2	8	6	2			7			32	25	275	0000	49	41
08	00	10035	46	46	46	30	12	00	8	47	4	8	6	0											
	03	10009	46	46	46	30	20	05	8	50	5	8	6	0											
	06	10032	46	46	46	30	19	05	8	45	4	8	6	0											
	09	10060	47	46	45	25	19	58	8	02	1	8	5	4											
	12	10082	47	47	47	29	14	58	7	02	1	7	5	5											
	15	10090	47	47	46	31	11	58	7	02	1	7	5	5											
	18	10093	45	44	42	31	12	58	8	02	1	8	5	5											
	21	10091	45	44	43	33	10	48	8	02	2	8	5	5						27	33	328	0001	48	43
09	00	10080	44	44	42	31	12	00	8	47	4	8	6	0											
	03	10012	45	45	45	31	30	00	8	28	4	8	6	0											
	06	9991	47	47	47	31	35	00	8	28	4	8	6	0											
	09	9961	47	47	46	31	18	03	8	28	4	8	6	0											
	12	9924	47	47	47	34	23	02	8	46	4	8	6	0											
	15	9877	47	47	47	33	30	03	8	28	4	8	6	0											
	18	9881	47	47	47	32	26	02	8	45	6	8	6	0											
	21	9908	46	45	45	33	21	16	8	01	4	8	6	3						31	43	278	0013	48	40

Results of Surface Observations,
MACQUARIE – JAN., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	00	9920	46	45	45	32	26	32	7	01	2	5	5	4	2		7								
	03	9918	46	46	46	32	25	56	8	02	2	8	6	2			7								
	06	9926	45	46	46	32	25	56	8	02	2	8	6	2			7								
	09	9940	47	46	45	32	28	32	8	02	2	8	6	3			7								
	12	9939	49	47	45	31	29	58	5	05	2	5	6	3	0	0	7								
	15	9950	49	47	45	31	30	56	5	05	2	5	6	3	0	0	7								
	18	9966	47	45	44	31	30	56	5	05	2	5	6	3	0	0	7								
	21	9973	46	45	44	32	29	32	7	03	1	7	6	3			7			31	37	530	0009	49	44
11	00	9978	46	45	44	31	26	66	3	02	2	3	6	3	0	0	7								
	03	9987	45	44	43	31	22	63	3	05	1	3	6	3	0	0	7								
	06	9999	46	44	42	30	19	60	1	05	1	1	6	4	0	0	7								
	09	10010	46	45	44	31	22	32	1	05	0	1	6	3	0	0	7								
	12	10009	48	46	44	32	26	32	3	05	0	3	4	4	0	0	7								
	15	10007	48	46	44	32	26	32	1	05	0	1	4	4	0	0	7								
	18	10003	47	45	43	32	26	32	3	05	0	1	6	3	3	0	7								
	21	9995	45	44	43	32	24	32	8	03	1	3	6	3			7			31	32	520	0000	48	43
12	00	9984	44	43	42	32	24	32	8	60	6	8	5	4			7								
	03	9965	44	43	43	31	20	48	8	05	6	4	6	3	2		7								
	06	9965	44	43	42	30	25	66	5	05	6	4	5	4	2	0	7								
	09	9968	46	44	41	29	24	66	1	02	0	1	1	5	0	0	7								
	12	9965	47	44	40	31	28	66	4	60	1	4	1	5	0	0	7								
	15	9963	46	44	41	29	30	66	5	02	2	3	5	5	3	1	7								
	18	9962	40	40	40	29	40	48	8	27	2	8	8	4			7								
	21	9966	43	41	38	28	37	48	6	01	2	1	5	4	7	0	6			31	60	413	0006	47	40
13	00	9967	43	42	40	28	35	63	7	60	6	3	8	4	7		6	6							
	03	9991	41	40	39	27	30	58	8	03	6	4	6	4			6								
	06	10005	41	39	36	27	30	58	8	02	2	5	6	4			6								
	09	10023	43	40	35	27	30	58	8	02	2	5	5	5	3		6								
	12	10047	45	42	38	27	33	63	6	05	2	6	4	5	0	0	6								
	15	10070	45	42	38	27	33	66	1	02	0	1	1	5	0	0	6								
	18	10078	43	41	38	27	26	66	6	02	1	6	8	5	0	0	6								
	21	10082	43	41	37	28	20	63	7	05	2	7	8	5			6			27	54	584	0005	45	38
14	00	10068	43	42	41	30	25	58	8	80	8	8	6	5											
	03	10041	42	41	40	30	25	58	8	02	2	8	8	5											
	06	10035	45	43	40	30	25	50	8	61	6	8	0	4	2			7							
	09	10016	45	44	43	30	33	32	8	02	6	8	7	2			7								
	12	10005	46	46	46	31	28	48	8	21	6	2	7	2	2		7	7							
	15	9993	45	45	44	31	28	48	8	02	2	8	7	2			7								
	18	9976	45	44	44	31	24	48	8	50	5	8	7	2			7								
	21	9960	45	45	44	30	30	48	8	50	5	8	7	2			7			27	42	500	0015	46	41
15	00	9955	45	45	44	29	23	48	8	58	6	4	7	2	2		6								
	03	9962	43	42	41	27	28	58	8	02	2	8	5	3			6								
	06	9969	43	42	41	27	26	48	8	50	5	8	7	3			6								
	09	9982	44	43	42	26	33	48	8	60	2	3	7	2			6								
	12	9999	45	43	40	27	30	56	8	02	2	8	4	5			6								
	15	10023	43	42	41	27	16	15	8	10	2	8	6	2			6								
	18	10037	43	41	38	27	20	56	8	02	2	8	5	4			6								
	21	10049	42	40	37	27	15	64	8	02	2	8	5	5			6			27	50	546	0015	45	41
16	00	10044	42	40	37	27	13	63	8	02	2	8	5	4			6								
	03	10024	42	41	41	29	19	63	8	02	2	8	5	4			6								
	06	9993	43	42	41	31	17	63	8	02	2	8	5	4			7								
	09	9957	44	44	44	35	16	16	8	61	6	4	6	2	2		8								
	12	9868	45	45	45	31	30	08	8	02	6	8	6	0			7								
	15	9825	46	46	46	31	30	00	8	45	4	8	6	0			7								
	18	9799	45	45	45	31	25	00	8	45	4	8	6	0			7								
	21	9767	45	45	45	31	25	03	8	45	4	8	6	0			7			27	42	357	0002	46	40
17	00	9793	43	42	39	27	30	16	8	02	6	8	5	2			6								
	03	9797	41	41	41	27	36	32	8	50	5	8	5	3			6								
	06	9855	43	41	38	27	38	58	8	01	5	8	5	4			6								
	09	9899	43	41	38	27	26	66	6	02	2	6	4	5	0	0	6								
	12	9968	42	41	40	27	35	66	7	02	2	7	4	5			6								
	15	9978	43	41	38	27	30	74	6	02	2	5	4	5	6	0	6								
	18	9992	43	41	38	27	25	74	8	02	2	7	4	5			6								
	21	9991	43	42	41	29	20	74	8	02	2	8	5	5			6			31	63	491	0034	44	38
18	00	9977	42	42	42	31	23	66	8	02	6	8	5	4			7								
	03	9949	43	43	43	31	21	63	8	02	2	8	5	4			7								
	06	9934	43	43	43	31	22	63	8	02	2	8	5	4			7								
	09	9920	44	42	39	31	17	63	8	50	2	8	5	4			7								
	12	9900	45	44	43	31	15	66	8	02	2	8	4	4			7								
	15	9880	43	43	43	31	15	16	8	10	2	8	6	2			7								
	18	9866	43	42	41	20	12	66	8	02	2	8	5	5			6								
	21	9868	41	39	36	18	10	66	8	02	2	8	5	5			4			29	42	479	0000	45	39

Results of Surface Observations,
MACQUARIE – JAN., 1960

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	00	9857	40	39	38	23	05	66	5	01	2	5	5	5	0	0	6								
	03	9860	40	38	35	29	13	66	7	03	2	4	6	5	3		6								
	06	9864	46	45	44	29	19	74	7	03	1	3	6	4	7		6								
	09	9870	42	41	40	28	15	74	7	02	2	3	5	4	7		6								
	12	9878	46	44	42	29	20	74	7	15	2	4	8	4	7		6								
	15	9882	46	45	44	28	18	74	5	02	1	3	4	5	7	0	6								
	18	9889	43	42	41	27	20	74	7	02	1	7	4	5			6								
	21	9903	42	41	40	27	18	74	4	02	1	3	4	5	3	0	6			28	33	252	0002	47	38
20	00	9894	43	41	39	30	17	74	7	60	1	7	4	4			6								
	03	9863	42	42	42	32	17	32	8	61	6	8	6	4											
	06	9809	45	44	43	31	24	32	8	61	6	8	6	4											
	09	9793	45	44	43	30	31	32	8	60	6	8	5	4											
	12	9815	46	43	39	28	35	66	3	01	1	3	4	5	0	0	6								
	15	9830	45	43	40	27	32	66	8	02	1	8	6	4			6								
	18	9844	41	40	39	28	35	61	7	15	2	7	5	5			6								
	21	9863	43	41	39	28	33	63	6	15	2	6	5	6	0	0	6			27	61	414	0021	48	40
21	00	9876	42	41	40	27	30	63	7	60	2	7	0	5	2										
	03	9897	41	39	36	27	37	66	7	02	2	6	3	5	2										
	06	9928	41	40	39	27	36	66	8	02	2	6	8	5											
	09	9974	43	42	41	29	30	74	7	02	2	6	7	4											
	12	10006	45	42	38	29	35	74	3	01	2	2	3	4	5	0	0								
	15	10053	45	43	40	29	19	74	3	02	1	3	3	4	5	0	0								
	18	10076	43	42	39	27	22	74	5	05	1	3	4	5	5	0	0								
	21	10101	42	41	39	28	15	74	6	05	1	1	3	8	5	7	0			27	67	612	0006	45	38
22	00	10110	42	42	41	32	14	74	8	03	2	8	5	5											
	03	10104	43	42	41	33	20	48	8	50	5	8	5	4			7								
	06	10097	44	44	43	34	24	48	8	02	2	8	6	4			7								
	09	10093	45	45	45	32	25	66	8	02	2	2	6	2	3		7								
	12	10087	47	46	45	33	25	80	4	01	2	1	6	3	3	0	7								
	15	10071	48	47	45	33	20	82	4	02	0	1	6	3	3	1	7								
	18	10046	46	46	46	33	25	82	6	02	0	6	0	9	3	0									
	21	10027	45	45	45	33	30	16	8	63	6	8	0	2	2		7			16	37	375	0001	48	39
23	00	10014	45	45	45	32	28	16	8	60	6	8	0	2	2		7								
	03	10031	42	40	37	28	24	66	8	02	2	6	5	5	7		7								
	06	10062	41	40	38	28	21	74	7	01	1	4	5	5	7	0	7								
	09	10080	42	40	37	29	23	66	8	02	2	8	5	5			7								
	12	10091	44	42	39	29	23	66	7	01	1	7	5	5			7								
	15	10095	44	41	38	31	10	66	7	02	1	7	5	5			7								
	18	10107	42	40	39	19	16	66	7	02	1	7	5	5			7								
	21	10119	40	39	38	18	20	66	7	02	2	7	5	5			4			31	41	452	0010	46	38
24	00	10116	40	39	38	18	25	58	8	02	2	8	5	5			5								
	03	10115	40	40	40	18	25	58	8	02	2	8	5	5			5								
	06	10115	39	38	37	13	25	66	8	02	2	8	5	5			4								
	09	10118	40	39	38	12	19	74	8	02	2	8	5	5			3								
	12	10113	40	39	38	13	17	66	8	02	2	8	5	5											
	15	10097	40	39	38	11	09	66	8	02	2	8	5	5			2								
	18	10088	41	40	39	13	09	66	8	02	2	8	5	5			2								
	21	10079	42	41	40	09	07	66	8	02	2	8	5	5			2			16	34	310	0000	42	37
25	00	10063	42	42	41	10	05	66	8	02	2	8	5	5											
	03	10036	44	43	41	36	10	58	8	50	2	8	5	5											
	06	10019	43	43	43	36	10	56	8	52	2	8	5	4			8								
	09	10006	44	42	40	36	12	74	7	01	2	7	5	5	1		8								
	12	9973	45	43	40	36	10	74	8	02	2	8	5	5			8								
	15	9953	45	43	40	04	05	74	8	02	2	8	5	5			8								
	18	9929	45	43	40	36	05	74	8	02	2	8	5	5			8								
	21	9896	45	44	43	36	09	16	8	55	5	8	5	3						36	24	172	0000	46	40
26	00	9895	45	44	43	36	07	16	8	51	6	8	6	4											
	03	9860	45	45	44	05	13	08	8	63	6	8	6	0											
	06	9853	44	44	44	30	09	03	8	45	5	8	6	0											
	09	9841	45	44	44	31	16	02	8	45	4	8	6	0											
	12	9805	44	43	43	33	16	56	8	02	2	8	6	2											
	15	9772	46	45	45	36	21	16	8	50	5	8	6	2											
	18	9747	47	46	45	34	25	48	4	01	2	2	6	2	3	0	8								
	21	9698	46	45	44	34	28	32	4	02	1	4	6	3	0	0	8			36	48	199	0011	47	42
27	00	9707	45	44	43	34	25	80	1	02	0	1	6	2	0	0	7								
	03	9681	45	43	40	36	25	58	8	02	2	8	6	4			7								
	06	9651	45	44	43	35	30	04	8	60	2	8	5	2	2			7							
	09	9643	44	44	44	32	32	56	8	50	6	8	5	2			7								
	12	9628	44	44	43	32	42	16	8	02	5	8	6	2											
	15	9669	45	45	44	29	31	10	8	45	5	8	6	0											
	18	9725	43	43	42	29	31	16	8	02	2	8	6	3											
	21	9783	43	41	38	29	31	32	8	02	2	8	5	4						29	50	487	0008	45	

Results of Surface Observations,
MACQUARIE – JAN., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	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	9813	43	40	36	29	35	32	8	02	2	8	5	4			6								
	03	9842	42	40	36	29	28	58	7	01	2	7	5	4			6								
	06	9866	43	40	36	29	21	63	7	02	2	7	5	5			6								
	09	9883	45	40	33	29	23	66	5	02	2	5	5	5	0	0	6								
	12	9889	45	43	40	31	15	84	0	02	0	0	0	9	0	0									
	15	9882	46	45	44	34	15	80	5	03	0	1	6	2	0	4	7								
	18	9853	46	45	45	35	10	09	8	60	2	8	6	0	3							614	0004	48	40
	21	9815	45	45	45	34	15	09	8	60	6	8	8	0	1	2									
29	00	9764	48	48	48	34	25	09	8	60	6	8	0	2	2										
	03	9687	46	45	44	30	25	32	8	63	6	8	0	3	2										
	06	9677	44	43	43	28	20	48	8	63	6	8	0	3	2										
	09	9677	44	43	43	31	24	58	7	02	6	3	5	4	1										
	12	9678	45	44	43	32	20	74	6	01	2	5	5	5	3	1									
	15	9654	46	44	41	32	25	84	3	02	0	1	0	9	3	1									
	18	9649	44	43	41	28	05	80	5	02	1	5	5	5	0	0						350	0045	48	42
	21	9680	44	43	42	27	20	80	3	02	1	3	5	5	0	0									
30	00	9714	45	44	43	27	18	66	5	51	5	6	5	4	0	0	6								
	03	9785	43	43	42	25	22	09	8	53	5	8	6	0											
	06	9851	41	41	39	20	18	66	8	55	5	5	5	4	1		5								
	09	9912	40	39	38	22	19	66	7	51	5	5	5	4	3		6					322	0009		
	12	9965	40	38	35	29	19	66	8	02	1	8	5	5			6								
	15	10004	41	38	33	29	22	74	7	01	1	6	5	5	7		6								
	18	10029	41	38	33	29	23	74	6	01	1	6	5	5			6								
	21	10052	41	39	36	29	10	66	8	02	2	7	5	5	1		6			25	40	322	0009	45	38
31	00	10070	42	41	40	30	07	66	8	02	2	8	5	5			7								
	03	10086	42	42	41	33	12	74	4	02	1	3	5	5	7	0	8								
	06	10089	43	43	43	34	17	58	8	50	2	8	5	4	1		8								
	09	10092	45	45	44	33	17	66	8	02	2	1	5	5			8								
	12	10077	45	45	45	33	21	66	8	02	2	8	5	5			7								
	15	10059	46	45	45	34	24	58	8	02	2	8	5	4			7								
	18	10037	45	45	45	34	25	58	8	02	2	8	5	3			7								
	21	10012	45	45	45	35	21	58	8	02	2	8	5	3			7			36	37	291	0000	47	42

Results of Surface Observations, MACQUARIE – Feb., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	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	9947	47	47	47	36	26	58	8	02	2	8	5	2			8								
	03	9837	48	47	47	36	37	16	8	63	6	8	5	2			8								
	06	9763	47	47	47	36	35	08	8	63	6	8	6	0			8								
	09	9729	46	46	46	34	30	16	8	53	6	8	5	5			7								
	12	9765	45	43	40	31	31	74	5	01	2	5	4	5	0		7								
	15	9799	45	44	43	31	28	74	5	02	1	5	4	5	0	0	7								
	18	9816	45	43	40	31	30	74	1	02	0	1	2	5	0	0	7								
	21	9836	42	41	40	34	25	74	3	02	0	3	4	5	0	0	7			36	71	562	0031	49	41
02	00	9848	42	41	41	33	20	66	4	02	1	4	5	5	0	0	7								
	03	9856	41	40	39	34	21	80	4	80	8	4	8	5	0	0	7								
	06	9869	43	41	39	32	16	74	4	03	8	4	8	5	0	2	7								
	09	9888	44	43	40	31	16	80	3	01	1	3	9	5	0	1	7								
	12	9900	45	43	40	31	18	84	3	02	0	1	2	5	0	4									
	15	9913	45	43	40	31	22	84	6	03	0	6	0	5	0	0									
	18	9920	43	42	41	33	20	84	3	02	0	2	9	5	3	3									
	21	9918	44	43	42	34	22	74	7	03	0	7	5	5		1	7			34	34	450	0003	46	37
03	00	9896	44	44	44	34	28	66	6	02	2	6	5	5	0	0	7								
	03	9874	45	44	43	34	33	58	8	02	2	6	5	5	1		7								
	06	9844	45	45	45	34	37	48	8	61	6	5	7	3	2		7								
	09	9877	41	40	39	34	22	66	6	01	6	4	5	4	1	0	7								
	12	9895	46	44	41	31	20	84	1	01	0	1	1	5	0	0	7								
	15	9900	46	44	41	31	20	84	2	02	0	1	0	5	3	1									
	18	9906	45	43	40	31	20	84	2	02	0	1	2	5	3	0	7								
	21	9917	44	42	39	31	24	84	1	02	0	1	0	9	3	0				34	45	505	0011	47	40
04	00	9919	44	43	42	32	30	66	3	02	5	3	5	5	0	0	7								
	03	9925	43	43	43	32	22	58	8	02	5	8	5	4			7								
	06	9923	45	44	43	32	30	61	8	02	2	8	5	4			7								
	09	9927	45	45	44	33	29	61	8	02	2	4	6	6	1		7								
	12	9925	46	45	44	34	30	58	8	02	6	8	5	5			7								
	15	9924	46	46	46	34	30	58	8	02	2	8	5	5			7								
	18	9924	46	46	46	34	25	16	8	60	6	8	6	2			7								
	21	9924	46	46	46	34	20	58	8	02	2	8	5	4			7			32	42	503	0003	46	42
05	00	9915	46	46	46	36	21	58	8	62	2	8	5	2			8								
	03	9904	47	47	47	36	21	58	8	02	6	8	6	2			8								
	06	9904	47	47	47	34	22	48	8	02	2	8	6	3			8								
	09	9903	47	47	47	34	20	32	7	02	2	7	6	3			8								
	12	9908	46	46	46	36	17	32	8	02	2	8	5	4			8								
	15	9906	47	46	45	36	17	48	6	01	1	4	6	5	3	0	8								
	18	9906	47	46	45	34	23	58	2	05	0	1	6	3	3	0	8								
	21	9919	46	45	44	34	26	61	7	02	2	7	5	5			8			36	35	501	0012	47	43
06	00	9949	44	43	42	30	17	66	6	01	2	6	5	5	0	0	7								
	03	9970	44	43	42	31	13	74	1	01	0	1	6	5	0	0	7								
	06	9993	44	44	44	31	12	66	6	80	2	1	6	4	0	0	7								
	09	10004	46	46	45	31	15	66	6	01	1	2	1	5	0	0	7								
	12	10011	48	46	45	33	13	66	5	01	1	1	5	5	7	0	7								
	15	10014	48	46	45	35	12	74	3	02	1	1	0	5	3	0	8								
	18	10012	47	46	45	02	15	74	2	05	1	1	0	6	0	3	8		7						
	21	10013	47	46	45	02	20	74	4	05	1	1	6	4	3	8	7	6	7	36	40	377	0001	48	43
07	00	10008	46	45	44	03	15	74	3	03	1	3	5	5	0	0	7								
	03	9993	46	45	44	01	12	74	6	03	1	6	5	5	0	0	7								
	06	9981	46	45	43	01	10	74	8	02	1	8	5	5			7								
	09	9960	48	47	46	01	12	74	8	02	2	8	5	5			8								
	12	9911	46	46	45	12	05	16	8	63	6	3	6	5	2		2								
	15	9839	49	49	48	36	23	15	8	55	6	8	8	6	3										
	18	9839	44	44	44	31	14	05	9	47	1	9	8	6	0										
	21	9863	47	46	46	34	30	58	8	05	2	8	2	6	3	2		7		36	45	370	0000	49	43
08	00	9859	47	46	45	34	30	58	8	02	2	8	5	5			7								
	03	9856	46	46	46	34	30	16	8	61	6	8	0	5	2			7							
	09	9894	47	46	45	34	25	66	1	02	0	1	6	5	0	0	7								
	15	9896	47	46	45	33	21	66	6	03	1	6	8	3	0	0									
	18	9897	43	43	42	31	09	74	6	25	8	6	8	5	0	0	7								
	21	9910	45	44	44	32	18	66	2	05	1	1	6	4	0	0				34	42	398	0035	49	42
	12	9895	49	47	45	34	30	66	3	00	1	1	1	5	2	0									
	06	9880	46	45	44	33	25	74	4	01	2	4	4	5	3	0	7								
09	00	9927	44	43	42	31	22	74	1	02	0	1	6	5	0	0	7								
	03	9929	45	44	43	31	22	74	4	60	1	4	2	5	0	0	7								
	06	9951	45	43	41	31	25	74	6	03	1	6	9	5	0	0	7								
	09	9970	45	42	38	29	20	74	6	02	1	6	9	5	0	0	7								
	12	9985	47	43	38	30	22	74	6	02	1	6	2	5	0	1	7								
	15	9996	47	43	38	30	21	80	6	00	1	2	2	5	0	1	7								
	18	10002	45	42	39	31	17	74	6	02	1	2	2	5	0	0	7								
	21	10011	43	41	37	30	18	74	6	02	2	3	4	4	7	0	6			29	40	446	0004	47	39

Results of Surface Observations,
MACQUARIE – Feb., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	w	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	00	10030	40	38	35	27	25	74	8	60	2	3	5	5	2		7	7							
	03	10038	41	39	36	27	25	74	1	01	2	1	5	5	2	0	6								
	06	10077	43	39	33	27	21	74	3	02	6	3	4	5	0	0	6								
	09	10100	45	42	38	29	14	84	3	02	0	1	2	5	0	1	6								
	12	10099	47	44	40	31	20	74	8	03	2	2	1	5	1		7								
	15	10104	47	45	43	31	21	74	6	01	2	2	1	5	1	0	7								
	18	10093	46	45	44	34	22	74	7	02	1	2	1	5	1	0	7								
	21	10087	46	45	44	34	25	74	6	00	2	2	5	5	7	0	7					382	0003	48	37
11	00	10053	46	46	45	34	30	74	7	00	1	3	5	4	7		7								
	03	10020	47	46	45	34	35	66	7	02	2	7	5	4			7								
	06	9980	47	47	46	34	30	66	8	02	2	5	6	4	1		7								
	09	9952	48	47	46	34	30	60	8	05	2	2	6	3	1		7								
	12	9883	49	48	46	36	31	56	8	00	2	5	5	4	1		8								
	15	9799	49	48	47	36	41	48	8	03	2	8	5	4			8								
	18	9705	49	48	48	36	42	32	8	61	6	5	7	3	2		8								
	21	9598	48	48	48	36	35	32	8	50	5	8	6	2			8			27	78		0000	49	40
12	00	9793	41	40	40	28	38	58	8	61	6	3	5	4	2		6								
	03	9845	43	42	40	30	35	66	2	01	1	2	2	5	0	0									
	06	9882	45	43	41	30	31	74	2	01	1	2	4	5	0	0	7								
	09	9897	46	45	45	32	28	74	2	00	1	1	1	5	7		7								
	12	9893	46	46	46	33	30	48	8	60	2	4	7	4	1		7								
	15	9869	45	45	45	32	30	56	7	01	6	4	5	4	7		7								
	18	9891	46	45	44	31	33	56	7	00	1	4	5	4	7		7								
	21	9918	45	44	43	31	33	56	7	00	2	3	6	4	7		7			27	64	776	0027	47	40
13	00	9969	45	45	45	33	21	56	8	00	2	4	6	4	7										
	03	9947	46	46	46	34	20	16	8	55	6	8	6	2											
	06	9933	47	47	47	33	30	32	8	50	5	8	6	4											
	09	9939	47	47	47	33	30	32	8	53	5	4	6	4	2		7								
	12	9930	47	47	47	33	35	48	8	05	2	4	6	4	2		7								
	15	9909	47	47	47	33	39	32	8	51	5	4	7	3	2		7								
	18	9912	47	47	47	32	30	48	8	21	5	3	6	3	2		7	6							
	21	9935	46	46	45	32	26	58	6	05	2	2	5	4	7	0	7	6		31	48	644	0016	48	45
14	00	9938	46	46	46	33	21	58	8	05	2	2	5	5	2		7								
	03	9925	45	45	45	35	21	66	8	63	6	6	6	2	2		8								
	06	9913	45	44	44	35	16	16	8	54	5	8	6	2											
	09	9874	44	43	43	35	06	15	8	61	6	8	6	2											
	12	9847	43	42	41	22	05	56	8	61	5	4	6	3	2		5								
	15	9833	43	42	40	28	10	66	7	61	6	3	7	3	2		5								
	18	9799	43	41	38	29	14	74	7	03	6	4	5	4	7	8	5	6	7	31	31	521	0021	46	41
	21	9784	43	41	38	27	12	74	5	02	1	2	5	4	7	0	5	6							
15	00	9763	42	40	37	28	17	66	6	00	2	6	1	5	0	0	6								
	03	9742	42	40	36	31	13	74	7	00	2	2	1	5	1		7								
	06	9729	43	41	37	32	20	74	7	00	2	1	1	5	7		7								
	09	9691	43	42	41	36	19	48	8	62	5	8	5	3			8								
	12	9647	45	44	43	34	24	66	8	02	6	5	5	4	7		6								
	15	9644	46	44	41	29	22	66	2	05	1	2	8	4	0	0	6								
	18	9652	44	42	39	30	20	66	3	15	1	3	8	4	0	0	6								
	21	9660	43	41	39	31	21	66	5	80	8	5	8	4	0	0	6			29	30	227	0014	47	42
16	00	9695	43	41	37	28	15	66	7	02	8	7	5	5			6								
	03	9745	43	42	39	28	19	66	8	02	6	8	5	5			5								
	06	9794	43	41	38	28	30	66	8	15	2	8	8	5			5								
	09	9848	44	41	37	27	22	74	3	01	1	3	1	5	0	0	6								
	12	9885	47	42	34	28	20	80	3	02	1	2	1	5	3	0	6								
	15	9901	46	42	36	31	15	80	4	03	1	2	8	5	3	0	7	6	6						
	18	9903	44	42	38	32	16	74	8	02	2	2	4	5	2		7	6							
	21	9898	44	42	39	34	16	66	8	02	2	8	0	9	2					27	47	404	0010	47	42
17	00	9835	46	45	45	02	31	32	8	63	6	8	0	7	2										
	03	9787	47	47	47	34	22	16	8	50	6	8	6	2			7								
	06	9758	45	45	43	34	30	58	8	02	2	8	5	4			7								
	09	9733	45	45	45	33	30	32	8	01	5	8	5	3			7								
	12	9759	46	45	44	28	26	56	8	00	2	8	5	4			6								
	15	9843	43	41	38	28	35	66	6	01	1	5	8	5	8	0	6								
	18	9892	42	39	35	27	26	66	5	00	1	4	8	5	7	0	6								
	21	9921	42	38	31	27	17	66	4	01	1	4	8	5	0	0	6			27	68	440	0012	47	41
18	00	9953	41	38	34	24	05	66	3	00	0	3	1	5	0	0	5								
	03	9974	41	38	35	26	04	74	3	00	0	3	1	5	0	0	5								
	06	10011	39	38	37	29	17	66	4	25	1	4	8	5	0	0	5								
	09	10046	41	39	35	29	13	74	3	00	0	3	9	5	0	0	5								
	12	10082	46	42	36	28	19	80	5	02	1	5	2	5	0	0	5								
	15	10104	44	41	37	28	19	80	4	00	1	4	2	5	0	0	5								
	18	10122	41	39	39	28	21	66	6	80	1	3	2	5	0	0	5								
	21	10133	43	41	38	30	16	66	3	01	1	2	4	5	1	0	6			27	38	371	0003	46	39

Results of Surface Observations,
MACQUARIE -- Feb., 1960

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	00	10113	45	44	43	31	25	63	8	02	2	8	5	5			7								
	03	10105	45	44	43	31	25	63	8	02	2	8	5	5			7								
	06	10096	45	45	45	31	25	08	8	60	6	8	0	1	2			7							
	09	10099	45	45	45	31	20	08	8	61	6	8	0	1	2			7							
	12	10091	46	46	46	32	20	66	8	02	6	8	0	4	2			7							
	15	10074	46	46	46	32	24	11	8	04	2	3	7	0	2		7	7							
	18	10054	46	46	46	32	21	11	8	61	2	3	7	1	2		7	7							
	21	10039	46	46	46	31	29	11	8	60	2	3	7	1	2		7	7		31	37	411	0008	46	44
20	00	10034	46	46	46	29	30	58	8	02	6	8	0	4	2			7							
	03	10067	44	43	42	31	30	66	6	01	2	4	5	5	0	1	7								
	06	10069	44	42	39	29	28	74	4	02	1	2	5	5	3	1	7	7							
	09	10086	46	44	41	27	25	84	5	02	1	4	5	5	3	0	6								
	12	10099	46	44	41	27	24	80	5	02	1	4	5	5	7	0	6								
	15	10109	45	44	43	27	23	74	6	03	1	6	5	6	0	0	6								
	18	10124	44	43	40	27	20	80	7	03	2	7	5	5											
	21	10134	44	42	39	28	22	80	8	02	2	8	5	5						27	43	499	0010	46	43
21	00	10131	44	42	40	30	17	74	6	00	2	6	5	5	0	0	7								
	03	10115	45	43	40	32	19	66	8	02	2	8	5	5			7								
	06	10100	45	43	40	33	24	66	8	02	2	8	0	5	2										
	09	10094	46	46	46	34	29	11	8	00	2	6	6	0	2										
	12	10075	47	47	47	33	30	48	8	02	6	6	6	2	2		7								
	15	10045	47	47	47	33	31	48	8	60	2	8	6	2			7								
	18	10035	47	47	47	33	30	48	8	21	6	8	6	2			7								
	21	10024	47	47	47	33	28	48	8	03	2	8	0	9	2					34	45	422	0000	47	44
22	00	10009	47	47	47	31	33	15	8	10	2	8	0	2	2			7							
	03	9997	47	47	47	31	35	15	8	10	2	8	0	2	2			7							
	06	9991	47	47	47	31	32	15	8	10	2	8	0	2	2			7							
	09	9985	48	48	48	33	33	15	8	10	2	8	0	2	2			7							
	12	9967	48	48	48	33	30	04	8	44	6	8	0	2	2			7							
	15	9970	48	48	48	32	29	32	8	50	2	8	6	2			7								
	18	10019	43	42	41	29	18	58	8	50	5	8	5	4			7								
	21	10060	43	41	37	27	14	66	6	02	2	6	5	4	0	0	6			34	45	648	0002	49	42
23	00	10074	43	41	38	27	13	80	2	01	1	2	5	5	0	0	6								
	03	10077	41	41	40	25	04	47	4	03	1	4	5	5	0	0	6								
	06	10080	41	40	39	25	04	80	4	01	1	4	0	9	1	1									
	09	10074	45	43	40	31	06	82	2	01	1	2	1	5	0	0	6								
	12	10060	47	44	41	34	06	82	2	00	0	2	1	5	0	0	7								
	15	10032	46	45	42	36	05	82	2	00	0	1	4	5	0	1	8								
	18	10018	44	43	42	01	17	80	7	03	1	4	1	5	3		8								
	21	9985	45	43	41	36	20	80	8	00	2	8	5	5			8			34	43	324	0001	47	39
24	00	9935	45	44	43	36	22	80	8	00	2	8	5	4			8								
	03	9896	46	46	46	36	22	66	8	61	6	3	7	2	2		8								
	06	9849	47	47	47	34	30	60	6	21	6	4	7	4	9		7								
	09	9827	47	47	47	34	21	66	7	60	6	7	6	4			7								
	12	9812	48	47	47	34	25	66	1	01	1	1	6	4	7	0	7								
	15	9786	48	47	47	34	28	61	6	03	1	5	5	3	7	0	7								
	18	9767	45	44	44	34	23	61	5	00	8	3	6	3	7		7								
	21	9765	45	45	45	33	25	58	7	60	6	7	2	5			7			34	49	373	0019	48	43
25	00	9767	45	45	45	33	26	58	7	81	8	7	2	5											
	03	9774	46	45	44	32	31	66	4	01	8	4	0	9	7	0									
	06	9804	45	45	44	31	26	74	4	03	1	2	2	5	3	0									
	09	9841	45	45	45	30	24	66	7	80	8	6	9	4	3										
	12	9876	47	46	45	29	20	84	3	01	1	2	1	5	3	0									
	15	9922	43	42	41	27	28	84	5	03	1	3	2	5	3	0									
	18	9943	42	40	37	27	25	84	3	02	1	2	2	5	3	0									
	21	9956	43	41	38	30	23	74	5	03	1	5	5	4	0	0	7			34	46	569	0012	47	41
26	00	9941	43	41	37	33	21	74	5	01	1	4	5	7	0	8									
	03	9917	42	42	42	36	21	66	5	03	1	5	5	5	1	0									
	06	9893	43	43	43	35	24	80	8	03	2	3	7	4	2			8							
	09	9873	44	44	44	36	19	74	8	00	2	5	6	4	1			8							
	12	9855	45	45	45	34	20	74	8	02	5	5	5	5	1			7							
	15	9864	46	46	46	36	05	74	8	02	2	5	5	5	1			7							
	18	9886	46	45	44	18	05	74	7	02	2	4	5	5	1			5							
	21	9934	45	45	45	18	21	04	8	51	5	8	6	3				4		18	43	456	0001	47	40
27	00	10010	40	38	35	19	23	66	2	01	6	2	5	5	0	0	5								
	03	10032	41	38	35	22	13	66	7	03	1	7	5	5											
	06	10080	40	38	34	21	07	66	7	15	5	7	5	5			5								
	09	10074	43	43	42	28	18	74	5	00	2	2	1	5	8	0	5								
	12	10058	42	40	37	29	29	74	8	02	2	8	5	5			7								
	15	10030	45	43	40	31	30	66	8	02	2	8	5	5			7								
	18	10004	45	44	43	31	30	32	8	60	6	8	0	9	2			7							
	21	9974	45	44	43	31	35	32	8	60	6	8	0	9	2			7		29	49	287	0010	45	38

Results of Surface Observations,
MACQUARIE – Feb., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	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	9928	45	45	44	31	34	32	8	63	6	8	0	9	4			7							
	03	9920	45	44	44	29	34	32	8	54	6	8	5	3			7								
	06	9954	43	41	37	28	39	66	8	54	5	7	5	5			6								
	09	10030	42	37	29	25	17	66	7	01	2	7	5	5			6								
	12	10066	44	39	31	29	30	84	4	01	2	4	5	5	0	0	6								
	15	10092	42	39	34	27	20	74	8	02	2	8	5	5			6								
	18	10113	42	38	31	27	15	84	7	02	2	7	5	5			6								
	21	10129	42	38	31	27	25	74	8	02	2	8	5	5			6			27	65	609	0014	45	39
29	00	10126	41	38	32	26	22	74	4	02	2	4	5	5	0	0	5								
	03	10120	42	39	34	28	18	74	6	02	1	6	5	4	0	0	5								
	06	10102	43	41	38	30	20	74	7	02	2	4	5	4	7		5	6							
	09	10082	43	42	41	33	20	63	8	51	5	4	7	4	2		7	6							
	12	10027	45	45	45	34	30	04	8	51	5	8	0	1	2			7							
	15	9988	46	46	46	34	26	08	8	50	5	8	0	1	2			7							
	18	9967	45	45	45	31	30	58	8	01	2	8	5	4				7							
	21	9967	45	45	45	29	30	58	8	02	2	8	6	2				7		31	39	490	0002	46	40

Results of Surface Observations, MACQUARIE — Mar., 1960

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	9964	45	45	45	29	30	48	8	50	5	8	6	2			6								
	03	9953	45	44	44	29	30	48	8	02	2	8	6	2			6								
	06	9968	43	41	39	26	40	66	7	16	5	7	8	4			6								
	09	10001	44	42	39	28	39	63	3	16	1	3	8	4	0	0	6								
	12	10033	43	41	38	29	30	63	8	02	2	4	2	4	0	0	6								
	15	10068	43	41	38	29	30	63	8	02	2	8	5	4			6								
	18	10077	42	40	37	29	30	63	8	02	2	8	5	4			6								
	21	10109	42	39	34	29	20	63	8	02	2	8	5	4			6			29	66	498	0010	45	41
02	00	10125	42	39	34	27	25	66	7	02	2	7	5	5			6								
	03	10134	41	39	37	28	27	66	8	02	5	8	5	5			6								
	06	10141	41	40	39	27	26	66	8	15	2	8	5	5			6								
	09	10155	43	42	40	27	26	66	7	02	2	7	5	5			6								
	12	10159	45	42	38	27	22	66	7	02	2	7	5	5			6								
	15	10153	44	42	39	30	21	74	8	02	2	5	5	4	7		6	6							
	18	10144	44	42	39	31	15	74	8	02	2	8	0	9	7			6							
	21	10133	45	43	40	32	16	74	8	02	2	8	5	5			7			29	43	420	0000	46	41
03	00	10111	45	45	45	33	22	74	8	02	2	8	5	5			7								
	03	10076	46	46	46	33	30	74	8	02	2	8	5	5			7								
	06	10057	47	46	45	33	28	63	8	05	2	7	5	4			7								
	09	10024	48	47	46	33	29	63	8	05	2	8	5	4			7								
	12	9998	48	47	46	33	35	08	8	10	2	8	6	2			7								
	15	9978	47	47	47	33	30	02	8	61	6	8	0	1	2			7		2					
	18	9980	46	46	46	33	25	04	8	60	6	8	0	1	2			7							
	21	9990	46	45	44	31	20	08	8	10	2	8	6	3			7			33	37	494	0000	48	45
04	00	9990	46	45	45	32	26	16	8	10	2	3	7	2	2		7								
	03	10010	45	44	43	30	25	63	3	05	1	3	5	4	0	0	6								
	06	10041	44	43	42	30	25	66	2	05	1	2	5	4	0	0	6								
	09	10067	46	45	44	31	20	74	2	05	0	2	1	4	0	0	6								
	12	10082	47	46	45	32	20	84	1	02	0	1	1	5	0	0	6								
	15	10087	47	45	43	34	20	84	7	02	0	7	5	5			6								
	18	10085	46	45	44	34	25	80	4	01	2	1	7	2	3	0	7	7							
	21	10081	46	46	46	33	26	74	8	02	2	8	5	6			7			34	38	465	0008	48	44
05	00	10067	47	46	46	33	28	66	8	02	2	8	5	5			7								
	03	10053	46	46	46	33	28	16	8	51	5	8	6	2			7								
	06	10039	46	46	46	33	26	09	8	45	4	8	6	0			7								
	09	10028	46	46	46	33	29	14	8	10	4	8	6	2			7								
	12	10017	47	47	47	33	32	14	8	10	2	8	6	2			7								
	15	9986	47	47	46	33	30	14	8	10	2	8	6	2			7								
	18	9963	46	46	46	33	35	09	8	63	6	8	6	2			7								
	21	9952	43	43	43	29	18	09	8	50	5	8	6	3			7			34	43	488	0000	47	43
06	00	9946	44	43	42	31	25	14	8	10	5	8	6	4			7								
	03	9930	44	43	42	31	31	16	8	10	5	8	5	5			7								
	06	9950	44	43	42	29	31	66	4	80	5	4	2	5			6								
	09	9993	45	43	41	29	31	66	3	02	2	3	2	5	0	0	6								
	12	10006	45	43	40	30	30	66	7	02	8	1	2	5	7		6								
	15	10010	45	44	43	32	30	58	8	02	2	4	6	4	2		7								
	18	9997	46	45	45	33	32	48	8	50	5	4	6	3	2		7								
	21	9992	46	46	46	32	30	48	8	02	2	8	6	3			7			29	54	617	0024	46	43
07	00	9986	45	45	45	32	32	48	8	02	2	8	6	2			7								
	03	9982	46	46	46	32	32	48	8	02	2	8	6	2			7								
	06	9981	46	46	46	32	30	04	8	50	2	8	6	2			7								
	09	9986	46	46	46	32	30	08	8	50	5	8	6	2			7								
	12	9990	46	46	46	32	26	16	8	10	2	8	6	2			7								
	15	9993	46	46	46	33	23	08	8	47	4	8	6	0			7								
	18	10005	45	45	45	32	14	16	8	10	5	8	6	2			7								
	21	10024	45	45	45	32	12	16	8	58	5	8	6	4			7			34	47	658	0002	47	43
08	00	10054	43	43	43	27	20	58	6	01	5	6	6	4	0	0	6								
	03	10080	42	41	40	27	18	74	7	02	2	7	6	4			6								
	06	10101	43	42	41	29	18	74	2	01	2	1	6	4	0	1	6								
	09	10123	45	44	43	31	10	84	2	02	0	1	1	5	0	1	6								
	12	10135	47	44	40	32	12	84	2	02	0	1	1	5	9	2	6								
	15	10132	47	44	40	32	10	84	1	02	0	1	0	9	0	4									
	18	10126	44	43	41	34	09	84	2	02	0	0	0	9	0	8			7						
	21	10112	43	41	39	01	07	84	2	02	0	0	0	9	0	8				27	27	343	0008	47	42
09	00	10075	44	44	44	00	00	58	8	03	0	8	5	5			3								
	03	10035	43	43	43	17	10	04	8	50	5	8	6	2			4								
	06	10019	44	43	42	16	10	08	8	50	5	8	6	2			4								
	09	9996	46	46	46	00	00	12	8	10	4	8	6	2			4								
	12	9971	45	45	45	32	10	02	8	46	4	8	6	0			7								
	15	9945	45	45	45	32	12	02	8	45	4	8	6	0			7								
	18	9931	45	45	45	33	15	02	8	45	4	8	6	0			7								
	21	9911	46	45	45	36	19	32	8	02	2	8	6	2			8			34	35	150	0008	47	42

Results of Surface Observations,
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LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
10	00	9870	46	46	46	35	30	32	8	63	6	8	0	2	2			7							
	03	9848	46	45	44	32	26	74	8	02	6	8	6	2			7								
	06	9849	46	45	44	34	30	74	7	02	2	3	6	2	0	0	7	7							
	09	9844	46	45	44	34	28	74	6	03	0	4	5	5	3	0	7	7							
	12	9828	47	46	45	33	27	74	4	02	0	2	8	5	3	0	7	7							
	15	9838	45	43	42	31	24	66	4	01	8	4	8	5	3	0	7	7							
	18	9865	43	41	38	30	27	74	3	15	8	3	2	5	0	0	7								
	21	9882	43	41	38	31	26	74	4	02	2	4	2	5	0	0	7			34	47	425	0010	47	42
11	00	9902	42	40	37	29	21	80	3	02	2	3	2	5	0	0	6								
	03	9921	40	39	37	29	23	80	2	02	2	2	1	5	0	0	6								
	06	9937	40	39	37	29	23	84	4	26	6	4	9	5	0	0	6								
	09	9963	40	39	38	27	22	80	4	02	8	4	9	5	0	0	6								
	12	9971	43	42	39	30	19	80	7	03	8	5	2	5	3		6								
	15	9977	44	41	38	31	26	74	8	03	2	8	4	4			7								
	18	9995	43	43	42	29	19	74	6	01	5	3	4	4	3	0	7								
	21	10007	43	42	40	30	23	66	8	50	5	8	5	4			7			29	43	498	0006	44	39
12	00	9994	44	42	39	31	28	66	8	02	2	8	5	5			7								
	03	9980	43	42	41	31	31	58	8	51	5	8	5	5			7								
	06	9972	44	43	42	31	31	58	8	61	5	6	5	4	2		7								
	09	9984	45	45	44	31	29	16	8	61	6	5	6	4	2		7								
	12	10002	45	44	43	30	23	66	7	01	6	5	5	3	7		7								
	15	10023	46	45	44	29	17	66	7	03	6	5	8	3	7		7								
	18	10041	43	39	33	27	22	74	6	02	1	6	8	5	0	0	6								
	21	10056	43	39	33	28	18	74	6	02	2	6	8	5	0	0	6			31	44	554	0006	47	42
13	00	10054	42	40	37	30	10	66	8	50	2	5	5	5	0	0									
	03	10041	43	42	41	30	09	66	8	02	2	8	5	5											
	06	10026	42	42	42	33	15	16	8	10	2	8	6	3											
	09	9999	45	45	45	33	22	16	8	53	5	8	6	3											
	12	9997	46	45	44	29	20	66	8	02	2	8	5	5											
	15	10013	43	40	35	27	12	74	8	02	8	8	5	5											
	18	10026	43	40	35	27	12	74	4	01	2	4	5	5											
	21	10042	42	40	37	29	18	74	4	02	0	4	5	5						29	38	337	0003	46	41
14	00	10044	41	39	35	28	23	80	2	00	1	2	1	5	0	0	6								
	03	10044	41	38	33	28	23	80	8	03	2	1	1	5	0	7	6								
	06	10040	42	41	39	30	26	80	7	03	1	3	5	5	0	6	6								
	09	10036	44	43	42	30	29	80	8	03	2	5	5	5	2		6								
	12	10039	45	44	43	29	32	80	8	02	2	7	4	5	3		6								
	15	10045	44	43	42	29	28	66	8	02	2	8	5	5			6								
	18	10055	44	43	42	29	28	66	8	02	2	8	5	5			6								
	21	10069	43	43	43	29	25	58	8	02	2	8	5	5			6			29	43	424	0001	45	41
15	00	10073	44	43	39	29	30	66	6	02	2	3	5	5	3	0	6								
	03	10085	43	43	43	29	26	80	6	01	1	2	5	5	3	0	6								
	06	10106	44	43	42	29	21	80	7	02	1	7	5	5			6								
	09	10126	45	44	43	29	23	80	3	01	1	1	1	5	3	0	6								
	12	10141	46	45	44	29	25	80	6	60	2	6	2	5	0	0	6								
	15	10150	46	45	44	29	21	80	7	02	2	4	5	5	3		6								
	18	10164	45	45	45	31	20	80	7	02	2	6	5	5	3		6								
	21	10186	45	44	42	31	15	80	3	01	2	2	2	5	3	0	6			29	45	540	0000	46	43
16	00	10192	44	44	44	29	17	80	3	02	2	2	2	5	3	0									
	03	10194	44	44	44	30	19	80	4	02	2	0	0	9	3	0									
	06	10196	45	45	45	33	17	16	8	10	2	8	6	2											
	09	10206	45	45	45	29	16	74	8	02	2	8	6	2											
	12	10208	47	45	43	30	18	80	5	01	2	3	6	2	3	0	7								
	15	10201	46	44	41	31	20	80	4	03	1	4	5	6	0	0	7								
	18	10193	45	44	43	31	22	80	7	02	2	7	8	6			6								
	21	10183	45	44	42	31	20	80	8	02	2	6	6	2	0	0	7			27	30	378	0000	47	42
17	00	10167	45	44	43	30	23	80	5	80	2	5	8	5	0	0	6								
	03	10157	45	43	42	29	23	74	8	50	2	8	5	5			6								
	06	10162	43	41	37	27	23	80	8	02	5	8	5	5			6								
	09	10180	43	42	41	28	19	66	8	50	5	8	5	4			6								
	12	10190	44	43	42	27	12	58	8	02	2	8	5	5			6								
	15	10203	45	41	35	27	10	80	4	01	2	4	5	5	0	0	6								
	18	10220	42	40	37	29	08	80	4	02	0	4	5	5	0	0	6								
	21	10232	42	38	31	28	12	80	5	02	0	5	5	5	0	0	6			25	37	427	0000	45	42
18	00	10232	42	39	34	28	17	80	7	02	2	7	5	5			6								
	03	10230	41	39	35	29	20	74	6	01	2	6	5	5	0	0	6								
	06	10229	41	38	35	28	20	80	6	02	2	6	5	5	0	0	6								
	09	10234	42	40	37	28	20	80	6	02	2	6	5	5	0	0	6								
	12	10225	44	42	39	28	27	80	6	02	2	6	5	5	0	0	6								
	15	10224	44	42	39	29	22	80	8	02	2	8	5	5			6								
	18	10230	44	42	39	27	18	80	8	02	2	8	5	5			6								
	21	10236	43	42	41	28	15	80	8	02	2	8	5	5			6			29	33	274	0000	44	40

Results of Surface Observations,
MACQUARIE – Mar., 1960

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	00	10232	43	42	41	28	21	16	8	10	2	8	6	3			6								
	03	10228	43	43	43	28	18	09	8	44	4	8	6	2			6								
	06	10237	43	43	43	29	13	16	8	10	4	8	6	2			6								
	09	10240	42	42	42	29	13	09	8	51	5	8	6	2			6								
	12	10230	43	43	43	30	13	48	8	02	2	8	6	2			6								
	15	10221	44	43	42	31	18	16	8	50	5	8	6	2			6								
	18	10207	44	43	42	30	18	16	8	50	5	8	6	2			6								
	21	10200	44	44	44	31	18	16	8	50	5	8	6	2			6			29	31	371	0000	45	41
20	00	10173	45	43	41	33	23	66	8	02	2	8	5	5											
	03	10147	45	45	44	33	24	66	7	01	2	7	5	5			7								
	06	10136	46	45	44	34	26	80	7	02	2	7	5	5			7								
	09	10116	47	45	43	34	26	80	3	01	1	3	5	5	3	0	7								
	12	10092	48	45	41	34	26	80	1	01	1	1	0	9	3	0									
	15	10064	47	46	45	34	28	80	3	01	1	3	0	9	3	0									
	18	10033	46	45	44	34	30	80	2	01	1	2	0	9	3	0									
	21	9998	45	45	45	35	35	80	6	02	2	6	0	9	3	0				33	46	437	0000	48	43
21	00	9959	46	46	46	34	35	48	8	63	6	3	7	2	2		8								
	03	9935	46	46	46	34	28	09	8	47	8	8	6	2			8								
	06	9932	46	46	46	34	24	16	8	10	4	8	6	2			8								
	09	9926	46	46	46	34	26	16	8	10	2	8	6	2			8								
	12	9935	47	46	45	32	26	58	7	50	5	7	5	2			7								
	15	9955	46	45	45	28	21	74	7	02	2	5	8	4	2		7								
	18	9972	45	43	41	29	20	74	8	02	2	8	5	4			6								
	21	9988	45	44	42	33	16	74	8	02	2	8	5	4			6			33	43	662	0020	47	44
22	00	9983	45	45	44	31	24	66	8	02	2	8	5	4			7								
	03	9973	45	45	45	33	21	66	7	02	2	7	5	4			7								
	06	9968	45	45	45	34	21	61	6	01	2	6	5	4			7								
	09	9960	46	45	45	35	19	61	7	52	1	3	5	4	1		7								
	12	9953	46	45	44	33	17	66	8	02	2	3	5	5	1		7								
	15	9944	45	45	45	34	17	74	8	02	2	3	5	5	1		7								
	18	9951	45	45	45	34	15	74	8	02	2	5	5	5	1		7								
	21	9962	45	45	44	32	07	74	7	02	2	5	5	5	1		7			34	31	454	0000	46	44
23	00	9969	45	44	44	31	05	74	5	00	2	5	5	3	0	0	7								
	03	9972	42	42	42	24	05	74	5	00	2	5	5	3	0		6								
	06	9975	41	41	41	29	08	74	5	00	2	5	5	3	0	0	6								
	09	9966	44	43	42	33	22	80	7	03	1	7	0	9	7			7							
	12	9930	46	45	44	34	31	74	8	02	2	8	0	9	7			7							
	15	9883	46	46	46	33	35	32	8	61	2	5	7	4	2		7	7							
	18	9859	46	46	46	32	35	16	8	61	6	4	7	4	2			7							
	21	9864	46	45	43	31	33	66	0	01	6	0	0	9	0	0				34	57	252	0000	47	39
24	00	9874	43	42	41	30	34	66	4	81	1	4	3	2	0	0	6								
	03	9879	45	43	41	31	38	63	7	81	1	7	3	2			7								
	06	9905	41	41	38	30	30	66	5	81	8	5	2	4	0	0	7								
	09	9922	42	40	37	29	30	66	4	18	8	4	2	4	0	0	7								
	12	9920	42	39	33	29	37	74	3	02	2	3	2	4	0	0	7								
	15	9929	42	37	29	29	35	66	5	87	8	5	8	5	0	0	6								
	18	9946	41	37	31	28	35	74	7	16	8	3	2	5	3	0	6								
	21	9997	39	35	29	29	31	74	7	88	8	7	2	5			6			29	70	703	0006	45	37
25	00	10047	40	36	28	22	17	74	5	01	8	5	4	5	0	0	5								
	03	10086	41	36	29	29	17	74	7	02	1	7	4	6			6								
	06	10133	40	37	32	29	22	66	6	81	8	6	8	4	0	0	6								
	09	10184	41	39	35	29	19	66	5	01	8	5	8	5	0	0	6								
	12	10178	42	39	34	28	23	80	7	02	8	7	8	5			6								
	15	10182	43	39	34	28	24	80	7	02	2	7	5	6			6								
	18	10181	42	40	36	29	16	80	8	02	2	8	5	6			6								
	21	10179	42	40	35	31	17	74	2	01	2	2	5	5	0	0	7			29	47	540	0019	44	36
26	00	10148	43	41	38	29	17	74	8	00	2	8	5	5			7								
	03	10114	44	42	39	33	26	74	8	02	2	8	5	5			7								
	06	10064	44	43	42	34	28	61	8	60	2	3	7	4	2		7								
	09	9995	45	45	45	34	31	32	8	63	6	2	7	4	2		7								
	12	9932	46	46	46	35	35	16	8	63	6	3	7	4	2		7								
	15	9891	47	47	47	34	30	16	8	61	6	3	7	2	2		7								
	18	9896	46	43	39	31	26	48	8	01	6	1	7	3	2		7								
	21	9899	45	44	42	32	23	32	8	61	6	1	7	4	2		7			31	56	462	0010	47	41
27	00	9937	43	41	37	29	26	66	0	01	6	0	0	9	0	0									
	03	9968	41	39	35	29	26	66	2	03	6	2	5	4	0	0	6								
	06	9998	43	40	36	30	26	74	3	02	8	3	8	4	0	0	7								
	09	10006	44	43	42	32	31	63	7	80	2	7	2	4	0	0	7								
	12	10005	46	43	39	33	24	74	4	01	2	4	5	4	0	0	7								
	15	9984	46	44	42	33	30	66	6	05	1	6	0	6	3	0		7							
	18	9969	45	43	41	33	30	66	5	01	1	5	5	6	0	0	7								
	21	9944	46	45	44	33	31	58	8	61	6	2	7	4	2		7			29	53	624	0029	46	39

Results of Surface Observations,
MACQUARIE – Mar., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	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	9936	45	42	38	31	30	66	2	02	6	2	5	6	0	0	7								
	03	9930	44	41	38	32	17	66	7	03	1	7	5	6			7								
	06	9891	45	44	43	34	35	32	8	60	6	3	5	3	2		7	7							
	09	9878	44	41	37	31	32	66	7	18	2	4	2	4	7		7	7							
	12	9866	41	39	37	28	30	80	6	03	6	6	2	5	7		6								
	15	9914	41	37	30	27	24	82	4	87	7	4	2	5	0	0	6								
	18	9940	40	36	29	27	17	80	2	01	7	2	2	5	0	0	6								
	21	9974	38	36	31	27	10	80	2	01	1	2	2	5	0	0	6			31	47	626	0008	45	36
29	00	9999	38	35	31	28	17	66	2	02	8	2	2	5	0	0	6								
	03	10032	37	35	33	25	08	66	2	02	8	2	2	5	0	0	6								
	06	10053	37	35	31	27	11	66	2	15	0	2	2	5	0	0	5								
	09	10057	41	37	30	29	13	66	3	02	0	3	8	5	0	0	6								
	12	10048	42	38	31	32	22	74	8	03	1	8	5	5			7								
	15	10014	43	39	33	33	28	66	8	02	2	8	5	5			7								
	18	9982	43	41	38	34	35	58	8	02	2	8	5	5			7								
	21	9947	44	44	44	34	30	16	8	61	6	8	0	2	2			7		36	48	359	0011	46	33
30	00	9856	46	45	45	35	35	16	8	63	6	8	0	2	2			7							
	03	9784	47	47	47	34	39	16	8	63	6	8	0	2	2			7							
	06	9806	46	46	46	31	21	58	8	16	6	8	0	2	2			7							
	09	9848	45	42	38	28	21	66	2	02	1	2	2	5	0	0	6								
	12	9868	45	42	38	29	18	74	1	02	0	1	1	5	0	0	6								
	15	9874	45	42	38	31	20	74	3	02	0	3	1	5	0	0	6								
	18	9874	43	41	38	32	15	74	3	02	0	3	5	5	0	0	6								
	21	9866	44	42	39	33	20	66	7	02	1	7	5	5			7			36	57	615	0056	47	42
31	00	9832	44	43	41	34	22	74	8	03	1	8	5	7											
	03	9791	45	45	45	35	26	66	8	61	6	2	7	4	2		8								
	06	9766	45	45	44	34	22	80	6	01	6	3	5	5	3	0	7								
	09	9760	45	45	45	33	20	66	8	63	6	8	5	5			7								
	12	9766	45	44	43	32	20	66	7	02	6	6	5	5	3										
	15	9764	45	44	43	31	18	74	3	02	0	2	0	9	3	1									
	18	9758	44	43	42	34	10	74	3	02	0	3	0	9	3	1		7							
	21	9754	42	41	40	31	20	66	6	60	6	4	6	2	2		7	7		34	40	417	0020	46	40

Results of Surface Observations,
MACQUARIE – Apr., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	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	9763	41	39	37	30	26	74	3	01	1	3	5	5	0	0	6								
	03	9778	39	39	39	29	26	80	2	01	6	2	5	5	0	0	6								
	06	9802	40	39	38	29	26	80	7	87	8	7	8	4			6								
	09	9839	38	37	34	27	26	66	7	87	8	7	2	5			6								
	12	9865	40	37	32	27	12	74	4	02	7	4	2	5	0	0	6								
	15	9888	41	37	30	28	30	74	4	02	1	4	5	5	0	0	6								
	18	9915	37	36	34	27	20	66	8	02	7	8	8	5			6								
	21	9933	37	36	34	28	20	58	8	60	6	8	2	5			6			27	54	425	0010	41	34
02	00	9932	40	39	37	28	23	80	8	80	8	3	2	5	1		6								
	03	9922	42	41	40	28	19	74	6	60	6	6	5	5	0	0	6								
	06	9926	42	41	40	28	23	80	7	03	2	7	5	5			6								
	09	9929	43	42	41	27	21	66	7	52	5	7	5	5			6								
	12	9933	43	42	39	27	24	66	7	02	5	7	5	5			6								
	15	9941	43	41	39	27	22	66	6	02	2	3	5	5	3	0	6								
	18	9942	43	41	40	29	19	66	8	02	2	8	5	4			6								
	21	9945	43	42	42	29	17	61	8	50	5	8	5	2			6			34	35	396	0012	44	38
03	00	9939	43	42	41	28	23	74	7	02	2	7	5	5			6								
	03	9927	44	44	44	32	17	16	7	53	5	7	5	5			6								
	06	9900	45	45	45	33	20	16	8	55	5	8	6	2											
	09	9891	45	45	45	32	19	16	8	51	6	8	6	3											
	12	9884	45	45	45	31	21	16	8	51	5	8	6	2			6								
	15	9882	45	45	45	32	17	16	8	50	5	8	6	2			7								
	18	9870	45	45	45	32	20	32	8	50	6	8	6	2			7								
	21	9847	46	46	46	33	27	16	8	50	5	8	6	2			7			34	34	394	0010	46	41
04	00	9838	46	46	46	32	25	32	8	50	5	8	6	2			7								
	03	9830	44	44	44	30	27	32	8	50	5	8	6	2			7								
	06	9826	44	44	44	31	28	32	8	02	2	8	6	2			7								
	09	9819	46	44	41	33	29	48	7	02	6	7	5	4			7								
	12	9823	45	44	41	31	25	61	6	01	8	6	5	5	0	0	7								
	15	9822	45	42	38	31	26	66	6	16	1	4	8	5	8	0	7								
	18	9824	43	41	37	31	26	66	7	03	1	7	4	5			7								
	21	9820	43	40	35	31	33	58	5	50	5	5	5	5	0	0	7			31	62	501	0017	46	41
05	00	9836	41	39	36	29	35	16	8	50	5	8	5	4			7								
	03	9869	40	39	38	29	30	16	8	50	5	8	5	4			7								
	06	9902	41	38	33	27	32	16	7	02	2	7	5	4			7								
	09	9940	41	38	33	27	30	16	7	02	6	7	4	5			6								
	12	9967	41	38	33	28	33	63	8	02	8	8	4	5			6								
	15	10009	42	39	34	28	28	63	6	01	2	6	4	5	0	0	6								
	18	10054	41	40	38	26	17	66	4	01	1	4	4	5	0	0	6								
	21	10079	41	39	38	27	21	66	3	80	8	3	4	5	0	0	6			27	55	610	0007	42	39
06	00	10103	42	40	37	28	25	66	4	02	0	4	5	5	0	0	6								
	03	10118	42	41	40	29	14	66	3	02	0	3	5	5	0	0	6								
	06	10119	43	42	41	31	15	66	8	03	2	8	5	5			6								
	09	10106	44	44	44	31	26	16	8	50	5	8	6	2			7								
	12	10088	45	44	43	32	24	61	8	02	2	8	6	4			7								
	15	10085	45	44	43	31	30	58	8	60	6	8	6	4			7								
	18	10106	44	43	42	29	23	58	7	01	5	7	5	5			7								
	21	10129	42	40	37	28	20	74	1	01	1	1	5	5	0	0	6			31	41	424	0007	45	41
07	00	10137	42	40	37	28	18	74	3	02	0	3	5	6	0	0	6								
	03	10134	43	42	41	28	12	10	8	61	6	8	6	2			6								
	06	10114	45	44	43	28	20	10	8	02	6	8	6	2			6								
	09	10093	45	45	45	34	28	16	8	61	6	8	0	2	2			7							
	12	10058	45	45	45	33	29	32	8	61	6	8	0	2	2										
	15	10038	47	47	46	32	24	32	8	02	6	8	0	3	2			7							
	18	10020	47	46	45	32	26	32	8	02	2	5	6	3	2		7								
	21	9989	47	46	46	33	30	56	7	01	1	7	0	9	3					34	48	430	0014	48	42
08	00	9941	48	47	46	33	37	63	5	01	1	3	6	5	1	0	7								
	03	9930	48	47	46	32	38	32	8	50	5	8	7	2			7								
	06	9957	45	43	41	30	30	63	7	02	6	2	6	4	7		7								
	09	9989	44	42	38	30	33	63	4	01	1	2	4	5	8	0	6								
	12	10007	44	42	39	30	30	58	6	05	2	2	5	5	3	0	6								
	15	10028	44	41	38	30	30	63	5	03	1	4	5	5	3	0	6								
	18	10056	42	39	36	29	23	63	7	02	8	7	5	5			6								
	21	10082	41	39	35	29	23	66	5	01	2	1	5	6	0	8	6			31	51	680	0014	49	41
09	00	10111	41	39	37	29	25	66	7	02	2	7	5	6			6								
	03	10137	41	39	36	29	23	66	6	01	2	6	5	6			6								
	06	10161	41	40	37	29	21	66	5	01	2	5	8	4	0	0	6								
	09	10184	43	42	41	29	25	66	3	01	1	3	8	4	0	8	6								
	12	10191	45	43	41	31	24	74	4	03	1	1	1	5	4	4									
	15	10196	44	43	42	30	22	74	8	03	1	8	5	6											
	18	10203	43	43	42	30	22	74	8	02	2	8	5	5											
	21	10205	43	42	41	30	22	66	8	02	2	8	5	5						29	35	506	0000	45	40

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
10	00	10187	43	43	43	32	17	32	8	50	2	8	5	2			7								
	03	10171	43	43	43	32	21	32	8	02	5	8	5	2			7								
	06	10151	43	43	42	32	23	48	8	50	5	8	5	2			7								
	09	10132	44	41	38	33	26	51	8	02	5	8	5	5			7								
	12	10112	45	43	40	34	25	74	7	02	2	7	5	5			7								
	15	10092	45	44	43	34	22	66	8	02	2	8	5	2			7								
	18	10088	45	44	43	31	16	48	8	20	2	8	6	1			7			31	31	439	0001	45	42
	21	10087	42	42	42	30	10	32	8	02	2	8	6	1											
11	00	10079	43	43	43	29	05	32	8	51	5	8	6	2			6								
	03	10071	41	40	39	25	05	63	8	01	5	8	5	4			6								
	06	10070	40	39	37	27	07	66	7	01	2	7	5	4			6								
	09	10067	41	38	33	29	13	74	4	01	1	4	5	5	0	0	6								
	12	10056	43	41	38	31	18	80	2	02	1	2	5	9	3			6							
	15	10043	44	43	41	32	21	74	7	03	1	4	5	5	5		6	6							
	18	10035	44	44	43	31	26	66	8	02	2	5	6	4	7		6			31	36	312	0003	45	40
	21	10046	44	43	43	30	22	56	8	50	2	8	6	3											
12	00	10057	43	43	42	31	23	66	7	02	2	7	0	9	3			6							
	03	10059	43	42	41	28	17	74	7	03	5	7	5	5			6								
	06	10061	43	43	42	31	23	74	8	60	6	2	5	4	2		6								
	09	10063	44	44	44	31	24	48	8	02	2	8	6	2								332	0001		
	12	10053	45	45	44	31	30	09		45	2			0											
	15	10060	45	44	43	30	22	16	8	10	4	8	6	1			7								
	18	10056	45	45	44	31	23	09		45	4			0											
	21	10058	45	44	44	31	22	13	8	10	2	8	6	2			7			31	31	332	0001	45	41
13	00	10051	45	44	44	32	19	20	8	10	2	8	6	2											
	03	10026	45	44	44	34	23	20	8	10	2	8	6	2											
	06	9996	45	45	45	34	30	32	8	60	2	5	7	2	2		7								
	09	9998	45	45	44	31	30	58	8	52	5	2	6	3	1		7								
	12	10031	43	41	38	30	28	74	4	01	5	0	0	9	0	8			7						
	15	10053	43	41	38	29	25	74	3	01	1	3	5	4	0	0	6								
	18	10071	42	40	37	29	17	74	0	05	0	0	0	9	0	0									
	21	10089	42	40	38	29	16	74	0	02	0	0	0	9	0	0				31	40	538	0002	45	41
14	00	10099	41	40	39	32	11	74	0	02	0	0	0	9	0	0									
	03	10099	41	39	37	32	07	74	8	03	0	0	0	9	0	7									
	06	10099	39	38	36	10	01	80	2	01	1	1	1	5	0	8									
	09	10088	42	39	34	10	07	80	5	02	1	2	5	5	0	8									
	12	10066	43	40	35	27	07	74	7	03	1	7	5	5											
	15	10039	43	42	41	36	10	74	7	03	2	7	5	5			8								
	18	10017	43	43	42	07	04	32	8	10	2	8	6	2			2								
	21	9998	46	45	45	02	18	32	8	62	2	9	6	2			2			36	37	309	0000	47	38
15	00	9963	47	46	45	35	24	32	8	02	2	9	5	2											
	03	9946	46	45	44	36	24	48	8	60	6	3	7	2	2		8								
	06	9928	45	45	45	35	23	32	8	60	6	8	6	2											
	09	9914	47	46	45	36	23	16	8	60	6	8	6	2											
	12	9896	47	47	47	36	24	16	8	60	6	8	0	1	2		8								
	15	9878	47	47	47	01	26	02	8	45	4	8	6	0											
	18	9845	48	47	47	36	26	16	8	50	5	8	6	2			8								
	21	9812	47	47	47	36	09	16	8	52	5	8	6	2			8			34	52	556	0001	48	44
16	00	9765	46	46	46	36	15	16	8	10	6	8	6	2			8								
	03	9746	45	45	45	35	26	16	8	10	5	8	6	3			8								
	06	9741	42	42	42	35	14	08	8	44	4	8	6	3			8								
	09	9741	45	44	43	33	05	32	8	02	2	8	5	5			8								
	12	9747	45	44	43	32	12	60	5	02	5	4	5	5	0	0	7								
	15	9786	47	44	40	31	28	66	3	01	5	3	5	5	0	0	7								
	18	9791	44	42	39	34	25	66	8	03	2	8	5	5			8								
	21	9771	45	44	44	34	28	48	8	61	6	4	7	2	2		8	8		34	45	415	0026	47	39
17	00	9753	46	46	46	34	40	16	8	60	6	4	7	2	2		8	8							
	03	9771	44	43	42	32	20	48	8	60	6	3	7	4	2		8	8							
	06	9772	44	43	43	34	12	58	8	62	6	4	7	2	2		8	8							
	09	9735	43	43	43	31	02	48	8	62	6	4	7	2	2		7	7							
	12	9734	43	42	42	31	04	48	8	60	6	3	7	2	2		7	7							
	15	9731	39	39	39	16	11	66	8	50	6	4	5	2	2		3								
	18	9725	40	40	40	16	04	66	8	50	5	8	5	2	2		3								
	21	9782	39	38	37	27	25	66	5	50	5	5	5	2	0	0	6			34	45	443	0062	46	38
18	00	9827	41	40	39	33	17	80	0	01	1	0	0	9	0	0									
	03	9839	43	41	38	36	03	80	8	03	2	8	5	5											
	06	9824	43	42	40	12	10	66	8	60	6	4	6	4	2										
	09	9762	45	44	42	12	17	66	8	63	6	8	0	4	2										
	12	9699	45	43	39	00	00	74	8	16	6	5	5	4	2		8								
	15	9668	44	43	43	36	07	48	8	62	6	4	7	3	2		8								
	18	9715	41	40	38	28	30	58	8	02	6	4	6	3	2		6								
	21	9758	42	40	37	31	20	66	6	02	2	6	5	5	0	0	7			27	46	233	0056	45	39

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
19	00	9714	43	43	42	35	26	58	8	62	6	4	7	4	2										
	03	9711	42	41	39	33	26	66	0	01	6	0	0	9	0	0									
	06	9709	41	40	38	33	30	66	7	87	2	6	2	5	7		6								
	09	9697	42	41	38	34	35	65	2	80	3	2	9	5	0	0	7								
	12	9675	43	41	38	33	42	58	8	02	8	8	2	4			7								
	15	9676	42	41	40	32	35	66	6	02	2	6	4	4	0	0	7								
	18	9742	41	40	39	31	40	66	8	03	2	8	4	4			7								
	21	9810	40	39	38	31	35	66	3	60	6	3	2	5	0	0	7			31	72	503	0041	44	37
20	00	9860	40	38	35	30	26	66	4	01	8	4	4	4	0	0									
	03	9885	42	39	36	31	26	66	4	02	2	4	4	4	0	0									
	06	9910	41	39	35	31	28	66	4	02	2	4	4	4	0	0									
	09	9948	42	40	38	31	35	66	3	81	8	3	9	5	0	0	7								
	12	9966	42	39	35	31	25	74	4	27	8	3	9	5	0	0	7								
	15	9980	41	39	35	32	30	74	5	16	2	5	9	5	0	0	7								
	18	10007	41	38	34	30	26	66	7	80	8	7	8	5	0	8	7		7						
	21	10051	40	38	34	30	26	66	0	01	8	0	0	5	0	6	7			31	50	714	0009	42	37
21	00	10082	40	39	36	30	21	66	1	03	0	1	5	5	0	0									
	03	10101	40	38	36	29	17	66	2	80	0	2	2	5	0	0									
	06	10119	39	37	35	30	23	66	4	80	8	4	2	5	0	0	7								
	09	10143	42	39	35	30	20	66	3	02	0	3	4	5	0	0	7								
	12	10154	41	39	36	29	19	74	3	02	0	3	8	5	0	0	7								
	15	10174	40	38	35	29	20	74	2	25	1	2	8	5	0	0	7								
	18	10189	39	37	35	31	21	74	2	01	1	2	8	5	0	0	7								
	21	10207	41	38	34	30	21	74	8	03	1	8	5	5	0	0	7			29	35	532	0006	42	37
22	00	10211	40	38	36	30	21	66	6	02	1	6	5	5	0	0									
	03	10211	40	39	38	30	19	66	4	80	5	4	8	5	0	0	7								
	06	10213	40	39	37	30	19	66	7	80	8	7	8	5			7								
	09	10224	42	40	37	30	19	66	7	02	5	6	4	5	0	2	7								
	12	10223	42	41	37	31	20	80	7	02	2	7	5	5	0	2	7		6						
	15	10221	41	40	39	31	14	74	7	02	2	7	5	5			7		6						
	18	10225	40	40	40	31	05	74	5	01	5	5	5	5	0	0	7								
	21	10218	41	40	39	31	10	74	5	02	2	5	5	5	0	0	7			29	32	404	0001	42	38
23	00	10201	42	39	37	33	18	74	8	02	2	8	5	5											
	03	10190	40	39	36	33	15	74	5	01	1	5	5	5	0	0	7								
	06	10166	41	40	39	09	03	58	8	50	5	8	6	4			7								
	09	10134	42	42	41	17	10	24	8	61	6	3	7	2	2		3								
	12	10109	45	44	43	36	14	48	8	02	6	8	6	1			7								
	15	10093	45	45	45	36	03	04	8	60	6	8	0	2											
	18	10078	45	45	45	00	00	04	8	51	5	8	6	0											
	21	10080	43	42	41	00	00	04	8	02	5	8	6	1						36	23	264	0020	46	39
24	00	10087	43	42	42	15	07	08	8	50	5	8	6	4											
	03	10082	44	44	43	16	18	08	8	50	5	8	6	4			3								
	06	10088	43	43	43	18	17	08	8	45	5	8	6	0			3								
	09	10101	43	42	42	17	11	32	8	60	6	5	6	3											
	12	10099	44	44	44	31	04	02	8	45	6	5	6	0	2		4								
	15	10096	43	43	43	31	04	01	8	47	4	8	6	0			7								
	18	10101	42	42	42	33	04	01	8	51	4	8	6	0			7								
	21	10098	42	42	42	31	03	01	8	45	4	8	6	0			7			16	23	132	0031	45	41
25	00	10088	41	41	41	32	06	32	8	02	2	8	6	2											
	03	10072	42	42	42	33	04	05	8	47	4	8	6	0											
	06	10064	43	43	43	00	00	48	8	02	6	5	7	4											
	09	10070	43	42	42	29	11	48	8	21	5	5	7	0	2		8								
	12	10070	42	42	42	31	12	16	8	40	2	8	0	4	2		7		8						
	15	10089	40	40	40	25	15	84	2	01	1	2	0	0	2		6		7						
	18	10114	39	39	39	26	14	84	2	02	0	2	0	9	2		6								
	21	10130	41	41	41	31	08	32	8	03	1	8	6	1	2	0				25	29	155	0024	44	39
26	00	10133	41	41	41	29	20	08	8	45	2	8	6	0											
	03	10135	41	41	41	30	20	13	7	10	4	7	6	2											
	06	10137	42	42	42	30	22	13	8	10	2	8	6	2			7								
	09	10147	42	42	42	30	25	56	8	02	2	8	6	3			6								
	12	10140	43	43	42	31	22	66	8	02	2	8	6	4			6								
	15	10139	43	43	43	31	18	58	8	02	2	8	6	2			7								
	18	10139	43	42	41	31	16	48	8	02	2	8	6	2			7								
	21	10141	43	43	43	31	17	48	8	02	2	8	6	2			7			31	32	333	0000	44	40
27	00	10141	44	44	44	31	24	48	8	02	2	8	6	3			6								
	03	10142	43	43	43	31	24	58	8	02	2	8	6	2			6								
	06	10143	42	42	42	30	23	32	8	02	2	8	6	4			6								
	09	10142	43	42	41	31	25	58	8	02	2	8	6	2			7								
	12	10141	42	42	41	31	21	40	7	50	2	7	5	0			6								
	15	10140	41	41	41	30	17	16	8	10	5	8	6	0			8								
	18	10137	41	41	41	33	17	16	8	10	5	7	6	2			8								
	21	10137	41	41	41	34	11	32	7	01	4	7	6	2			8			29	30	458	0000	44	40

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
28	00	10118	41	41	41	35	06	16	5	02	2	5	6	1	0	0	7								
	03	10109	41	41	41	35	08	16	8	50	2	8	6	1			8								
	06	10095	42	42	42	36	06	02	8	47	5	8	6	0			8								
	09	10083	45	44	43	02	20	48	8	02	4	8	6	1			8								
	12	10054	46	45	46	02	24	04	8	46	2	8	6	0			8								
	15	10036	45	45	45	01	21	02	8	45	4	8	6	0			8								
	18	10017	45	45	45	01	23	04	8	45	4	8	6	0			8								
	21	10001	46	45	46	35	17	16	8	53	5	8	6	2			8			36	36	290	0002	46	40
29	00	9992	44	44	44	35	10	04	8	50	5	8	6	0			8								
	03	9976	46	46	46	05	18	06	8	43	5	8	6	1			8								
	06	9932	45	45	45	05	08	03	8	52	5	8	6	0			1								
	09	9900	45	45	45	36	15	04	8	60	6	8	0	0	2		8								
	12	9896	43	43	43	31	15	48	8	61	6	8	0	2	2		7								
	15	9893	43	43	43	33	27	48	8	61	6	8	0	2	2		8								
	18	9989	37	36	34	27	29	63	5	01	6	5	5	5	0	0	6			36	52	362	0012	46	33
	21	10050	36	34	30	28	24	63	5	02	2	5	5	5	0	0	6								
30	00	10100	37	33	25	28	25	84	1	02	0	1	5	5	0	0	6								
	03	10125	36	33	27	28	12	84	3	02	0	3	5	5	0	0	6								
	06	10147	38	34	26	31	18	84	5	03	0	5	5	5	0	0	7								
	09	10163	39	36	31	31	22	84	5	02	0	3	5	5	0	0	7								
	12	10155	41	37	32	32	30	84	3	02	1	3	5	5	0	0	7								
	15	10152	41	38	33	32	30	84	5	03	2	1	5	5	0	8			7						
	18	10155	41	39	36	32	32	84	2	02	1	1	0	9	3	8		7	7						
	21	10158	42	41	40	32	28	84	6	02	1	6	0	9	3	0		6		31	37	430	0024	42	36

Results of Surface Observations,
MACQUARIE – May, 1960

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	10170	41	40	39	30	20	48	8	60	5	8	0	1	2			7							
	03	10191	38	38	38	27	10	58	8	62	6	8	0	3	2			7							
	06	10217	38	37	35	27	08	74	2	03	6	2	5	5	0	0	6								
	09	10242	40	38	35	28	08	80	3	03	6	3	5	5	0	8	6								
	12	10250	41	39	34	30	14	84	8	02	2	3	5	5	0	7	6								
	15	10259	42	37	29	33	12	84	8	02	2	2	5	5	0	7	6		5						
	18	10269	41	40	39	31	19	82	8	03	2	8	5	5			6								
	21	10286	41	41	41	31	09	74	8	20	2	8	5	4			6			29	26	420	0013	42	37
02	00	10296	42	41	40	32	16	74	0	02	1	0	0	9	0	0									
	03	10297	41	41	39	32	13	74	0	02	0	0	0	9	0	0									
	06	10302	43	40	35	34	17	66	8	03	2	8	5	5			7								
	09	10304	43	41	38	34	11	65	8	02	2	8	5	5			7								
	12	10298	43	41	38	35	10	74	8	02	2	8	5	5			7								
	15	10285	43	40	35	01	11	74	8	02	2	8	5	5			7								
	18	10276	43	42	39	01	14	65	8	02	2	8	5	5			8								
	21	10250	43	42	40	36	09	56	7	01	2	7	5	5						36	25	289	0000	43	40
03	00	10246	43	42	40	36	10	66	8	02	2	8	6	4				8							
	03	10219	43	41	38	36	14	66	8	02	2	8	6	4				8							
	06	10192	43	41	38	36	16	66	8	02	2	8	6	4				8							
	09	10170	44	42	40	02	09	63	8	02	2	8	5	4				8							
	12	10129	45	44	43	35	10	48	8	02	2	8	5	4				8							
	15	10090	45	44	43	00	00	05	8	47	4	8	6	0											
	18	10049	46	46	46	36	04	09	8	61	6	8	6	0											
	21	10023	46	46	46	36	20	16	8	60	6	5	7	3	2					36	48	245	0000	47	42
04	00	9998	46	45	46	36	20	16	8	50	5	8	6	1				8							
	03	9977	44	44	44	34	20	16	8	50	5	8	6	1				8							
	06	9991	43	43	43	32	22	32	8	50	5	8	6	1				7							
	09	9997	43	43	43	33	22	61	8	51	2	8	6	2				8							
	12	10005	43	43	43	33	20	02	8	47	4	8	6	2				8							
	15	10016	43	43	43	33	16	16	8	10	4	8	6	0				8							
	18	10026	43	43	43	33	16	16	8	51	5	8	6	0				7							
	21	10046	43	42	41	00	00	16	8	51	5	8	6	2				0		31	30	341	0013	46	41
05	00	10055	43	43	43	29	07	32	8	02	2	8	6	2				6							
	03	10059	43	43	43	30	04	32	8	02	2	8	5	2				6							
	06	10062	47	46	45	27	04	63	7	01	2	7	5	5				7							
	09	10075	43	43	42	27	09	63	6	01	2	6	5	7	0			4							
	12	10080	43	43	42	16	12	04	0	46	1	0	5	9	0	0									
	15	10085	40	40	40	14	04	04	5	44	4	5	6	0	0	0		4							
	18	10090	40	40	40	15	05	84	0	02	4	0	6	9	0	0									
	21	10094	40	40	40	15	10	02	8	47	4	8	6	0				4		31	17	146	0001	49	38
06	00	10092	39	38	38	17	17	08	8	45	4	8	6	0	0										
	03	10090	39	39	39	16	17	00	8	45	4	8	6	0	0										
	06	10089	39	39	39	16	16	03	8	45	4	8	6	0	0										
	09	10089	39	39	39	15	17	08	8	51	4	8	6	0	0										
	12	10082	40	40	40	16	12	04	8	45	4	8	6	0	0										
	15	10071	41	41	41	17	14	03	8	47	4	8	6	0	0										
	18	10061	42	42	42	14	14	03	8	53	4	8	6	0	0										
	21	10050	43	43	43	14	07	03	8	50	5	8	6	0	0					16	26	159	0002	44	37
07	00	10041	45	45	45	13	02	05	8	51	5	8	6	0											
	03	10025	43	43	43	00	00	08	8	51	5	8	6	0											
	06	10011	44	44	44	14	04	03	8	47	4	8	6	0											
	09	9998	44	44	44	16	05	08	8	60	4	8	6	0											
	12	9974	44	44	44	14	10	32	8	02	5	8	6	2											
	15	9949	43	43	43	16	15	48	8	02	2	5	6	2	2		4								
	18	9933	45	45	45	00	00	48	8	02	2	6	6	2	2		4								
	21	9932	46	45	44	00	00	04	8	47	4	8	6	0						36	30	135	0005	46	42
08	00	9921	44	44	44	35	05	04	8	45	4	8	6	0											
	03	9911	43	43	43	00	00	02	8	45	4	8	6	0											
	06	9894	44	44	44	18	02	02	8	45	4	8	6	0											
	09	9896	44	44	44	16	04	03	8	45	4	8	6	0											
	12	9878	43	43	43	16	07	16	8	51	4	8	6	0											
	15	9869	43	43	43	17	10	04	8	51	6	8	6	0	2										
	18	9865	43	42	42	16	06	24	8	10	4	8	6	2											
	21	9870	42	42	42	18	08	16	8	10	5	8	6	2						34	24	140	0010	44	41
09	00	9869	43	43	43	18	17	48	6	01	2	8	6	2			4								
	03	9866	43	43	43	18	16	56	8	51	5	8	6	4			4								
	06	9875	43	42	41	17	10	74	7	01	2	3	6	4	7		4								
	09	9884	43	43	42	18	03	74	7	01	2	3	6	4	7		4								
	12	9884	41	41	41	22	10	56	7	50	2	7	6	2			4								
	15	9886	41	40	40	27	02	56	8	50	5	8	6	2											
	18	9889	39	39	39	28	08	63	5	01	2	6	6	2	0	0	6								
	21	9882	38	37	37	30	10	56	5	02	2	5	6	2	0	0	6			15	24	187	0010	43	37

Results of Surface Observations,
MACQUARIE – May, 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
10	00	9874	37	37	37	31	16	48	8	02	2	8	6	2			7								
	03	9853	38	38	38	01	12	48	8	02	2	8	6	2			7								
	06	9833	41	41	41	01	16	48	9	02	2	8	6	2			8								
	09	9824	43	42	41	01	17	16	8	53	5	8	6	2			8								
	12	9797	41	40	40	30	13	46	8	62	6	6	6	2	2		7								
	15	9793	41	39	37	30	16	66	6	01	1	3	5	5	7	1	7								
	18	9790	40	39	37	30	17	66	5	01	1	5	5	5	0	0	6								
	21	9796	40	38	36	28	17	66	5	02	2	5	5	5	0	0	6			36	33	236	0005	43	36
11	00	9800	38	37	35	27	22	66	4	02	0	4	4	5	0	0	6								
	03	9805	39	37	34	27	25	66	6	02	0	8	5	4	0	0	6								
	06	9815	38	37	35	27	25	74	4	02	0	4	4	5	0	0	6								
	09	9832	38	36	33	28	30	66	8	02	2	8	8	5			6								
	12	9845	38	37	35	28	30	66	8	02	2	8	8	5			6								
	15	9856	38	37	36	28	29	66	7	02	2	8	7	5			6								
	18	9872	39	37	34	28	17	66	7	02	2	5	5	5	7		6								
	21	9893	39	38	37	28	13	66	8	02	2	8	5	5			6			27	42	374	0009	39	36
12	00	9898	39	39	39	30	12	58	8	50	2	8	6	3			6								
	03	9907	40	40	40	30	18	58	8	50	5	8	6	2			6								
	06	9922	38	38	38	21	03	58	8	02	2	8	6	2			6								
	09	9950	37	36	34	20	08	58	8	50	5	8	6	3			5								
	12	9967	36	35	34	21	06	74	8	70	7	4	6	4	2		5								
	15	10004	36	34	30	24	12	60	7	26	8	5	8	4	3	1	5								
	18	10021	34	33	30	19	10	80	3	26	8	2	8	4	3	0	5								
	21	10039	34	33	32	21	10	80	4	01	8	4	8	4	0	0	5			22	40	324	0002	40	28
13	00	10046	34	34	34	27	25	84	3	02	0	3	2	5	0	0	6								
	03	10029	36	34	30	29	28	84	2	02	0	2	2	5	0	0	6								
	06	10055	33	32	30	29	26	84	5	02	7	5	2	5	0	0	6								
	09	10105	34	29	22	25	08	80	7	03	7	7	4	5			5								
	12	10125	35	31	23	27	07	82	5	02	2	5	5	5	0	0	5								
	15	10144	38	36	33	27	17	80	7	02	2	7	5	5			5								
	18	10155	39	37	34	27	23	80	7	02	2	7	5	5			5			27	49	240	0006	39	30
	21	10169	39	37	34	28	24	80	7	02	2	7	8	5			5								
14	00	10185	39	37	33	27	17	74	7	02	2	7	5	5			5								
	03	10187	39	37	33	36	02	74	8	02	2	8	5	5			5								
	06	10192	38	36	33	20	03	66	8	02	2	8	5	5			5								
	09	10197	38	37	34	00	00	66	8	02	2	8	5	5			5								
	12	10189	39	38	37	26	09	74	5	02	2	6	5	5	0	0	6								
	15	10184	38	37	35	19	05	66	8	02	2	8	5	5			5								
	18	10178	39	38	36	18	07	66	8	02	2	8	5	5											
	21	10172	38	37	35	15	12	66	8	02	2	8	5	4			3			27	44	244	0000	39	37
15	00	10162	37	36	34	15	13	66	7	02	2	7	5	4			3								
	03	10141	37	36	35	13	17	56	7	02	2	7	5	4			3								
	06	10130	36	36	36	13	19	58	9	03	2	8	6	2			3								
	09	10125	37	37	37	13	19	16	7	50	2	6	6	1	0	1	3								
	12	10109	36	36	36	13	17	32	6	50	5	6	6	2	0	0	3								
	15	10087	37	37	37	14	12	32	7	50	5	6	6	2	0	1									
	18	10083	38	38	38	15	12	32	3	01	2	3	6	2	0	0									
	21	10072	38	38	38	17	12	32	8	51	5	8	6	1						22	25	187	0000	39	35
16	00	10061	39	38	38	15	21	32	8	50	5	8	6	1			3								
	03	10061	39	38	38	14	15	24	8	10	2	8	6	1			3								
	06	10062	38	37	37	16	26	61	8	01	2	3	6	2	0	7	4								
	09	10082	37	36	35	15	21	48	8	03	2	8	6	2			4								
	12	10091	36	36	36	15	24	58	8	01	5	6	6	2	0	1	4								
	15	10105	36	35	33	13	14	58	8	02	2	8	6	2			3								
	18	10123	36	35	33	14	16	58	4	01	2	4	6	2	0	0	3								
	21	10142	35	35	35	15	18	58	8	50	2	8	6	2			3			15	30	218	0003	39	34
17	00	10153	35	35	34	14	14	58	8	02	2	8	6	2			3								
	03	10163	35	35	34	13	13	58	8	02	2	8	6	2			3								
	06	10172	35	35	34	13	04	55	8	02	2	8	6	2			3								
	09	10188	35	35	34	00	00	48	8	02	2	8	6	2											
	12	10185	37	36	34	36	04	63	8	02	2	8	5	3			8								
	15	10180	38	38	38	34	06	32	8	50	2	8	6	2			7								
	18	10176	40	38	35	34	14	48	8	02	5	8	6	3			7			31	33	191	0001	41	33
	21	10165	41	40	39	32	18	58	8	02	2	8	6	3			7								
18	00	10152	41	40	38	31	24	58	8	02	2	8	6	4			7								
	03	10135	42	41	40	32	23	66	5	01	1	5	6	4	0	0	7								
	06	10123	42	41	40	32	23	61	8	61	2	8	6	9	2										
	09	10113	42	41	41	32	26	58	8	61	6	5	7	4	2		7								
	12	10098	43	43	43	32	30	48	8	02	5	8	0	2	2		7								
	15	10108	43	43	43	32	30	08	8	47	2	8	0	2	2		7								
	18	10117	42	42	42	31	14	08	8	45	4	8	0	2	2		7								
	21	10126	42	42	42	31	14	08	8	60	6	8	0	2	2		7			31	37	372	0007	44	40

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St. miles	Points	°F	°F
19	00	10120	42	42	42	31	12	08	8	60	6	8	6	2											
	03	10105	43	43	43	32	19	08	8	60	5	8	6	2											
	06	10102	43	43	43	31	28	16	8	10	4	8	6	2											
	09	10107	43	43	43	31	28	24	8	10	2	8	6	2											
	12	10089	43	42	41	31	25	48	8	02	2	8	6	1			7								
	15	10076	43	43	43	32	26	16	8	50	5	8	6	1			7								
	18	10060	44	43	42	32	27	16	8	10	2	8	6	1			7								
	21	10023	44	43	42	32	40	16	8	10	2	8	6	1			7			31	55	471	0005	44	42
20	00	9980	44	43	43	32	42	32	8	60	5	5	7	2	2										
	03	9990	42	40	37	30	35	66	5	01	5	0	5	2	0	8	6								
	06	10030	40	37	33	28	31	66	7	03	2	7	5	2			6								
	09	10057	39	37	33	27	17	66	8	02	2	4	5	2	2		6								
	12	10043	40	38	35	30	14	63	8	02	2	4	5	2	2		6								
	15	10025	40	38	36	32	14	63	8	02	2	4	5	2	2		6								
	18	10018	40	39	38	32	17	63	8	50	2	8	5	2			7								
	21	9964	40	39	38	32	17	60	8	02	2	4	5	1			7			29	58	646	0002	45	35
21	00	9946	35	35	35	25	17	58	8	56	2	4	7	2	2										
	03	9938	38	37	35	30	23	66	0	01	2	0	9	2	0	0	6								
	06	9943	35	34	31	27	24	66	2	26	7	2	5	0	0	0	6								
	09	9928	39	37	35	30	24	74	4	02	2	4	5	0	0	2	6								
	12	9899	39	37	34	30	29	66	5	16	2	4	5	0	2		6								
	15	9844	39	37	34	30	30	66	8	60	8	3	5	0	2		6								
	18	9812	40	38	36	30	22	63	5	90	5	5	5	0	2	0	6								
	21	9817	38	37	36	26	23	63	7	60	6	3	4	5	2		6			27	45	380	0006	40	34
22	00	9823	38	35	30	24	08	84	2	02	6	2	2	5	0	0	6								
	03	9854	35	32	26	20	20	84	3	02	6	3	2	5	0	0	6								
	06	9888	35	33	29	22	12	84	5	03	7	5	2	5	0	0	6								
	09	9927	34	34	34	27	12	74	7	02	7	6	4	5	1	0	6								
	12	9946	35	33	29	25	14	74	7	22	7	7	2	5			5								
	15	9964	36	33	27	25	14	74	7	02	2	7	4	5			5								
	18	9974	38	36	33	28	16	66	7	02	2	7	4	5			6								
	21	9961	40	39	38	29	26	58	8	61	2	8	0	1	4					34	43	458	0013	41	32
23	00	9948	41	40	39	30	38	58	8	02	2	8	0	3	2		6								
	03	9939	41	40	39	30	40	58	8	02	2	8	0	3	2	7	6								
	06	9925	41	40	39	30	32	58	8	02	2	8	0	3	2		6								
	09	9924	40	39	38	27	40	58	7	60	6	3	7	4	2	0	6								
	12	9944	38	35	30	27	35	63	5	15	7	2	7	4	2		6								
	15	9967	33	31	28	28	42	56	7	88	2	7	9	4		0	6								
	18	9977	36	32	25	28	38	63	5	02	8	5	9	4	0	0	6								
	21	10002	37	35	33	28	33	66	3	01	8	3	2	5	0	0	6			27	79	503	0006	41	31
24	00	10014	36	35	35	27	25	66	5	02	2	5	2	5	0	0	6								
	03	10010	33	33	33	27	20	48	8	70	2	8	0	3	2	0		6							
	06	10013	34	34	34	27	18	48	5	01	7	5	0	3	2	0		6							
	09	10019	35	34	32	28	22	74	5	01	7	4	2	5	7	0	6								
	12	10037	35	31	22	21	10	82	2	01	1	2	1	5	0	0	5								
	15	10048	33	30	24	23	04	82	2	01	1	0	0	5	4	0									
	18	10048	35	31	24	30	06	82	0	01	1	0	0	5	0	0									
	21	10042	37	34	30	31	16	74	8	02	2	8	0	9	2					27	37	544	0008	40	31
25	00	10016	40	40	40	31	22	32	8	61	6	8	0	2	2										
	03	10018	40	40	40	27	30	58	8	01	6	8	0	2	2			7							
	06	10059	37	37	37	18	18	48	8	50	5	8	6	3				6							
	09	10093	36	36	36	24	08	48	6	60	2	6	2	3	0		4								
	12	10118	38	36	34	26	09	74	5	26	6	4	2	5	1	0	5								
	15	10143	37	35	31	26	09	74	5	02	2	4	5	5	0	1	5								
	18	10172	36	34	30	26	17	74	2	01	2	2	5	5	0	8	5								
	21	10184	37	36	34	27	15	74	0	01	0	0	0	9	0	0				29	47	275	0002	40	35
26	00	10185	39	37	34	29	22	66	5	02	2	5	5	5	0	0	6								
	03	10200	41	40	41	30	17	48	8	50	5	8	6	2			6								
	06	10208	41	41	41	29	15	48	8	02	5	8	6	2			6								
	09	10212	41	41	41	28	18	04	8	46	2	8	6	0											
	12	10224	41	40	40	28	17	08	8	42	4	8	6	0											
	15	10227	40	39	39	29	17	08	8	47	4	8	6	0											
	18	10234	39	39	39	29	17	16	0	28	4	0	0	9	0	0									
	21	10241	39	39	39	30	13	08	8	45	4	0	0	9	0	0				27	37	296	0001	42	38
27	00	10232	41	41	41	32	16	56	8	01	1	8	6	2			7								
	03	10233	42	42	42	32	16	56	8	50	5	8	6	1			7								
	06	10232	41	41	41	31	22	16	8	50	5	8	6	0			7								
	09	10233	42	42	42	31	17	02	8	50	5	8	6	0			7								
	12	10229	42	42	42	32	16	58	7	02	2	7	5	5			7								
	15	10224	41	41	41	31	13	58	7	01	2	6	5	5	0	1	7								
	18	10208	42	42	42	33	20	48	8	51	2	8	6	4			7								
	21	10204	43	43	43	32	23	08	8	51	4	8	6	0						29	29	377	0001	43	39

Results of Surface Observations,
MACQUARIE – May., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	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	42	42	42	32	16	04	8	45	4	8	6	0											
	03	10201	41	41	41	31	14	04	8	45	4	8	6	0											
	06	10192	42	42	42	32	21	04	8	45	4	8	6	0											
	09	10176	43	43	43	33	23	32	8	50	5	8	6	2			7								
	12	10155	44	44	44	33	25	04	8	50	5	8	6	0											
	15	10134	44	44	44	33	28	14	8	02	2	8	6	0											
	18	10114	44	44	44	33	25	08	8	45	4	8	6	0											
	21	10106	44	44	44	33	25	16	8	02	4	8	6	1						31	35	405	0001	45	41
29	00	10087	44	44	44	33	24	08	8	47	4	8	6	0											
	03	10064	44	44	44	33	24	08	8	45	4	8	6	0											
	06	10041	44	44	44	33	26	16	8	50	5	8	6	1			7								
	09	10033	44	44	44	33	24	08	8	50	5	8	6	0											
	12	10013	44	44	44	33	28	08	8	51	5	8	6	0											
	15	9995	44	44	44	34	24	04	8	50	5	8	6	0											
	18	9980	45	45	45	34	25	04	8	45	4	8	6	0											
	21	9967	44	44	44	34	27	04	8	45	4	8	6	0						34	36	589	0005	45	43
30	00	9938	44	44	44	34	24	09	8	45	4	8	6	0											
	03	9906	45	45	45	34	26	09	8	45	6	8	6	0											
	06	9873	45	45	45	35	23	09	8	45	4	8	6	0											
	09	9839	45	45	45	35	17	03	8	61	4	8	6	0											
	12	9796	45	45	45	35	20	15	8	61	6	8	0	1	2			8							
	15	9749	44	43	42	33	12	32	8	61	6	8	0	1	2			7							
	18	9719	43	43	43	32	08	16	8	61	6	8	0	1	2			7							
	21	9670	43	43	43	29	05	16	8	61	6	8	0	1	2			7		34	34	462	0005	45	41
31	00	9621	41	41	41	25	17	16	7	61	6	3	7	2	2			6							
	03	9610	39	38	37	30	22	32	8	02	6	3	7	2	2			6							
	06	9599	40	39	37	30	35	56	3	60	6	3	2	4	0	0	0	6							
	09	9644	37	36	33	30	35	56	3	02	8	3	2	4	0	0	0	6							
	12	9675	40	37	32	30	43	56	6	03	2	6	2	4	0			6	6						
	15	9702	39	36	31	30	30	58	8	03	2	5	2	4	2			6							
	18	9709	38	36	33	29	15	58	8	02	2	5	4	5	2			6	6						
	21	9705	35	34	32	20	05	58	8	70	7	4	6	3	2			5	6	29	56	389	0072	42	33

Results of Surface Observations, MACQUARIE — Jun., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	w	Oktas	C_L	ft	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
01	00																								
	03																								
	06	9771	32	30	27	26	28	74	3	87	8	3	2	5	0	0	6								
	09	9800	34	29	19	29	26	74	8	85	8	8	3	5			6								
	12	9818	32	30	27	27	30	16	8	85	7	8	9	4			6								
	15	9837	29	28	27	27	25	66	8	85	7	8	9	4			6								
	18	9849	31	31	31	27	26	61	7	85	7	8	9	4			6								
	21	9861	30	30	30	27	22	66	5	85	8	4	9	4	0	3	6			27	54	473	0000	36	29
02	00	9869	32	31	29	25	17	74	2	26	8	2	2	5	0	0	6								
	03	9871	32	31	29	27	23	74	1	02	8	1	2	5	0	0	6								
	06	9878	31	29	24	27	23	58	3	85	8	3	9	5	0	0	6								
	09	9902	31	27	18	28	17	74	4	02	8	4	8	5	0	0	6								
	12	9923	31	28	23	25	13	66	7	26	8	7	8	5	1	0	6								
	15	9953	31	28	22	26	10	74	6	15	8	6	8	5	0	0	6								
	18	9994	31	29	23	23	07	66	6	02	8	6	8	5	0	0	6								
	21	10022	31	28	23	23	07	66	4	02	8	4	2	5	0	0	5			27	44	418	0004	33	25
03	00	10048	33	32	30	28	12	84	2	02	0	2	5	5	0	0	6								
	03	10065	35	34	32	28	18	84	2	02	0	2	5	5	0	0	6								
	06	10072	36	34	30	29	22	84	3	02	0	3	5	5	0	0	7								
	09	10083	38	36	33	30	30	80	7	03	2	7	5	5			7								
	12	10082	38	37	35	30	35	74	8	25	2	5	8	4	1		6	6							
	15	10091	38	37	35	28	30	80	6	15	2	4	8	4	1		6	6							
	18	10102	39	38	37	29	22	66	6	02	8	6	8	4	0	1	6								
	21	10100	39	38	38	29	26	63	7	80	2	7	2	4		0	6			29	43	286	0000	40	34
04	00	10082	40	39	38	31	32	58	8	02	2	8	8	4			6								
	03	10051	42	41	40	31	38	58	8	02	2	8	8	4			7								
	06	10018	42	42	42	31	40	48	8	02	2	8	6	3			7								
	09	10037	40	38	35	29	45	48	8	02	2	8	6	3			6								
	12	10101	39	37	33	27	42	48	5	01	2	5	6	4	0		5								
	15	10156	38	37	35	26	19	61	5	02	2	5	5	4	0	1	5								
	18	10204	38	37	35	25	13	66	5	02	2	5	5	4	0	0	5								
	21	10220	39	38	37	29	20	66	3	01	1	3	5	5	0	0	6			27	77	646	0001	43	37
05	00	10221	39	39	39	30	28	74	1	02	0	1	5	5	0	0	6								
	03	10215	41	40	39	31	28	74	1	02	0	1	5	5	0	0	7								
	06	10217	42	41	40	31	28	74	3	03	0	3	5	5	0	0	7								
	09	10221	42	42	42	31	28	66	7	03	1	3	6	3	3		7	7							
	12	10219	42	41	40	30	28	48	8	10	2	8	6	2			7								
	15	10219	41	40	39	30	28	56	8	02	2	8	6	3			7								
	18	10222	41	41	39	31	26	66	3	01	1	3	5	4	0		7								
	21	10228	42	41	40	30	24	74	6	02	1	2	5	4	3	0	6	6		31	39	521	0000	43	39
06	00	10232	42	41	40	31	21	74	8	02	2	5	5	4	3		7	7							
	03	10223	42	41	40	30	22	74	4	01	1	4	5	5	0	0	7								
	06	10229	42	41	40	31	23	74	6	03	1	6	5	5	0	0	7								
	09	10231	42	41	40	30	22	66	7	03	2	5	5	5	7		7	6							
	12	10220	42	41	40	31	24	74	7	02	2	7	5	5			7								
	15	10216	42	41	40	31	22	74	7	02	2	7	5	5			7								
	18	10213	42	42	41	31	21	74	7	02	2	7	5	5			6								
	21	10209	41	41	41	32	17	13	8	10	5	8	6	2			7			31	32	518	0000	43	41
07	00	10196	42	42	42	31	22	16	8	10	5	8	6	2			7								
	03	10181	42	41	41	32	19	61	7	01	2	7	5	5			7								
	06	10166	41	41	41	33	23	66	4	02	1	4	5	5	0	0	7								
	09	10143	42	41	40	34	25	53	7	50	2	7	6	5			7								
	12	10122	43	41	37	34	28	66	8	02	2	8	5	5			7								
	15	10097	43	40	36	34	33	66	7	02	2	7	5	5			7								
	18	10088	42	40	37	33	30	66	5	02	2	8	5	5	7	0	7								
	21	10079	42	41	39	34	30	66	8	02	2	8	5	4			7			34	45	500	0001	43	41
08	00	10082	41	41	41	33	24	48	8	50	5	8	6	2			7								
	03	10085	42	41	41	33	16	58	8	02	2	8	6	2			7								
	06	10094	40	40	40	32	10	06	8	02	4	8	6	0			7								
	09	10105	40	40	40	33	07	04	8	45	4	8	6	0			7								
	12	10104	42	41	41	33	04	16	8	47	4	8	6	2			7								
	15	10100	42	41	41	34	09	16	8	10	4	8	6	2			7								
	18	10100	41	41	40	36	07	66	7	10	4	8	6	2			7								
	21	10097	40	39	38	00	00	74	5	01	1	2	5	5	1	0	8	8		34	30	510	0003	42	39
09	00	10083	40	40	40	11	04	58	8	02	2	8	6	2			1								
	03	10073	41	41	41	00	00	48	8	50	2	8	6	2			0								
	06	10062	41	41	41	11	05	63	6	01	2	6	6	2	0	0	0								
	09	10059	41	41	41	12	07	66	8	02	2	7	6	2	1		2								
	12	10048	41	41	41	13	02	08	8	50	2	8	6	0			3								
	15	10039	41	41	41	14	02	16	8	02	5	8	6	1											
	18	10041	41	41	41	15	02	04	8	47	5	8	6	0											
	21	10038	41	41	41	15	02	16	8	02	4	8	6	1			3			11	15	120	0003	42	39

Results of Surface Observations,
MACQUARIE – Jun., 1960

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
		nib × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	00	10034	41	41	41	18	04	03	8	45	4	8	6	0											
	03	10026	41	41	41	17	06	03	8	45	4	8	6	0											
	06	10022	41	40	39	17	09	32	8	01	4	7	6	2	1										
	09	10016	40	40	40	17	04	32	8	01	4	5	6	2	1		4								
	12	10001	40	40	40	15	02	08	8	47	2	8	6	0											
	15	9994	40	39	38	00	00	16	7	01	4	4	6	1	7										
	18	9985	38	38	35	00	00	32	5	01	1	3	6	1	7	0	0								
	21	9983	37	36	36	00	00	32	5	05	1	4	6	1	7	0	4			18	13	014	0001	43	36
11	00	9968	39	39	39	32	05	16	5	10	1	4	6	2	0	0	7								
	03	9963	40	40	40	34	05	04	8	47	4	8	6	0	0										
	06	9950	41	40	40	34	07	04	7	44	4	7	6	0											
	09	9942	39	39	39	34	05	03	8	47	4	8	6	0											
	12	9924	42	42	42	01	15	32	8	01	4	8	6	2			7								
	15	9900	44	44	44	01	18	04	8	51	5	8	6	0											
	18	9986	45	45	45	02	20	04	8	45	4	8	6	1			8								
	21	9866	45	45	45	36	22	04	8	45	4	8	6	1			8			36	36	001	0001	46	38
12	00	9845	45	44	44	01	17	16	8	51	6	8	6	2											
	03	9841	37	37	36	27	31	48	7	50	5	7	6	4			6								
	06	9866	36	35	33	27	26	56	8	87	8	8	2	4			6								
	09	9894	37	32	23	27	23	74	5	01	8	2	2	4	3	0	6								
	12	9907	34	32	28	27	15	74	4	02	1	3	2	4	3	0	6								
	15	9913	37	34	29	29	18	74	5	02	1	3	2	4	3	0	6								
	18	9912	38	35	30	30	15	74	5	02	1	4	2	4	3	1	7								
	21	9901	36	36	36	36	06	48	8	51	5	8	6	3			8			27	52	387	0005	45	32
13	00	9915	37	35	34	28	28	58	7	83	8	3	2	4	8		5								
	03	9942	36	34	30	27	26	58	4	87	8	4	2	4	0	0	6								
	06	9965	37	33	28	27	26	74	3	27	8	3	2	4	0	0	6								
	09	9989	38	35	31	27	28	16	7	87	8	7	2	3	4		5								
	12	10003	38	36	32	28	37	58	7	15	8	7	8	4			6								
	15	10026	38	35	31	28	28	58	7	15	1	3	8	4	7		6								
	18	10022	38	36	33	29	22	58	6	02	2	2	8	4	7	0	6								
	21	9986	40	39	39	32	28	48	8	51	5	8	6	2			7			27	63	384	0008	42	32
14	00	9963	42	42	42	30	30	48	8	50	8	8	6	3			6								
	03	9953	42	42	42	30	30	48	8	02	2	8	6	3			6								
	06	9957	43	43	42	29	30	58	8	02	6	8	6	3			6								
	09	9958	43	42	41	30	28	32	8	02	2	8	6	3			6								
	12	9950	43	42	42	30	30	48	8	02	2	8	6	3			6								
	15	9936	43	43	43	31	33	16	8	51	5	3	7	2	2		6	6							
	18	9927	43	43	42	31	30	16	8	61	6	8	0	9	2			6							
	21	9909	43	43	43	31	30	16	8	61	6	4	7	2	2		6	6		31	48	570	0004	44	41
15	00	9914	43	43	43	29	20	08	8	61	6	8	0	1	2			7							
	03	9924	36	35	33	16	17	16	8	61	6	8	0	2	2			4							
	06	9927	34	34	34	16	15	12	8	71	7	8	0	2	2			4							
	09	9937	35	34	32	15	18	16	8	71	7	8	0	3	2			4							
	12	9928	36	36	36	13	13	12	8	10	7	8	0	3	2			3							
	15	9922	37	37	37	15	10	07	8	44	4	8	0	2	2			3							
	18	9925	39	38	38	18	02	09	8	42	4	8	0	3	2			3							
	21	9921	40	40	39	33	02	05	8	45	4	8	6	0						29	23	475	0077	43	33
16	00	9901	43	43	43	01	08	16	8	51	6	8	0	2	2			8							
	03	9872	44	44	44	02	22	16	8	61	6	8	0	2	2			8							
	06	9855	42	42	42	33	23	02	8	47	6	8	6	0	0										
	09	9840	42	42	42	35	15	04	8	60	6	8	6	0	0										
	12	9807	43	43	43	34	19	16	8	21	6	8	0	3	2			8							
	15	9785	43	42	42	33	28	11	8	10	6	5	7	2	2		7	8							
	18	9808	40	39	38	30	23	16	8	10	5	8	6	4			7								
	21	9811	41	39	36	32	25	58	8	02	2	6	6	4	0	0	7			31	56	216	0031	45	35
17	00	9825	37	35	32	29	30	80	3	01	6	3	8	4	0	0	6								
	03	9847	35	34	32	30	40	74	6	03	2	6	8	3	0	0	6								
	06	9861	33	33	33	29	38	08	8	71	2	8	0	2	3		6								
	09	9881	36	35	33	30	28	74	3	01	7	3	2	4	3	0	6								
	12	9884	38	37	34	30	23	58	5	85	2	5	2	4	0	0	6								
	15	9886	37	36	35	33	23	58	3	02	8	3	9	4	3	0	6								
	18	9898	36	35	33	27	19	66	0	01	8	0	0	9	0	0									
	21	9927	34	33	32	27	19	66	0	01	8	0	0	9	0	0				29	55	559	0025	39	32
18	00	9964	33	33	33	24	18	84	2	02	0	2	2	4	0	0									
	06	10029	32	30	26	22	12	74	3	85	8	3	2	4	0	0									
	12	10099	33	33	31	23	05	16	8	85	8	8	2	5											
	15	10123	35	31	24	25	05	74	8	02	8	8	4	5											
	18	10135	36	33	28	28	12	74	0	01	1	0	0	9	0	0									
	21	10133	37	34	28	31	23	74	4	03	2	4	4	5	0	0				31	41	353	0007	3	30
	09	10075	34	34	34	24	24	66	6	85	2	6	2	5	0	0									
	03	9993	34	33	31	24	16	48	5	85	8	5	2	4	0	0									

Results of Surface Observations,
MACQUARIE — Jun., 1960

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	00	10113	39	37	34	31	26	74	8	03	2	8	5	4			7								
	03	10101	41	41	41	31	25	66	8	02	8	8	8	3			7								
	06	10108	42	41	40	29	25	66	8	02	2	8	5	3			7								
	09	10135	40	37	32	28	22	74	7	02	2	7	8	4			6								
	12	10158	38	35	30	27	24	66	5	02	2	5	5	5	0	0	6								
	15	10181	37	34	29	27	17	66	6	02	2	6	5	5	0	0	5								
	18	10198	37	34	29	27	16	66	5	01	2	5	4	5	0	0									
	21	10193	38	37	33	30	19	66	4	01	1	2	5	5	0	8				29	44	377	0002	42	36
20	00	10190	41	40	40	30	16	74	8	02	2	8	6	3			6								
	03	10179	41	40	40	30	17	16	8	50	2	8	6	2			6								
	06	10164	41	41	41	30	22	32	8	02	5	8	6	2			6								
	09	10155	41	41	41	30	23	16	8	10	2	8	6	2			6								
	12	10126	41	41	40	31	23	16	8	10	6	8	6	2											
	15	10134	37	37	35	21	14	66	8	61	6	3	6	3	2		5								
	18	10157	37	35	31	26	16	66	4	01	8	4	2	5	0	0	5								
	21	10180	37	34	28	23	04	66	3	01	1	3	5	5	0	0	5			25	37	373	0002	42	36
21	00	10197	37	35	32	24	10	66	5	02	1	5	5	5	0	0	5								
	03	10216	37	35	32	21	13	66	5	02	8	5	4	5	0	0	5								
	06	10251	37	35	32	19	13	66	8	02	2	8	5	5			5								
	09	10277	38	35	30	22	04	66	7	02	2	7	5	5			4								
	12	10287	37	35	33	22	05	66	7	26	2	7	8	4			4								
	15	10292	37	36	34	27	08	66	8	02	2	8	5	4			6								
	18	10290	37	36	34	27	07	66	8	02	2	8	5	4			6								
	21	10277	40	38	35	27	20	66	8	02	2	8	6	3			4			27	45	291	0009	40	35
22	00	10273	40	40	40	27	28	58	4	50	2	4	6	2	0	0	6								
	03	10283	39	39	38	27	19	58	8	50	5	8	6	2			6								
	06	10287	40	39	39	25	07	58	8	50	5	8	6	2			6								
	09	10294	39	39	39	29	09	61	8	02	2	8	6	2			6								
	12	10281	40	40	40	29	18	66	8	02	2	8	6	2			6								
	15	10273	41	40	39	28	20	66	8	02	2	8	5	4			6								
	18	10271	41	40	39	28	20	66	8	02	2	8	5	4			6								
	21	10269	40	38	35	31	08	66	8	50	2	8	6	4			6			27	41	278	0001	41	38
23	00	10261	40	39	39	27	14	58	4	60	2	2	6	4	2	0									
	03	10247	40	39	39	27	26	58	4	54	5	4	5	4	0	0									
	06	10236	40	39	38	28	26	58	4	52	5	4	5	5	0	0	6								
	09	10232	39	39	38	28	24	32	4	50	5	2	5	3	2	0									
	12	10212	40	40	40	29	25	58	5	02	1	5	8	4	0	0	6								
	15	10201	41	40	39	29	22	58	6	02	2	5	8	4	3	0	6								
	18	10191	41	40	39	29	23	58	8	02	2	8	8	4			6								
	21	10173	41	40	39	31	26	58	8	02	2	8	8	4			5			31	43	459	0001	41	39
24	00	10141	39	38	36	31	30	58	8	02	2	8	5	3			6								
	03	10095	40	40	40	31	33	58	8	80	2	8	8	3			6								
	06	10071	41	41	41	31	35	48	8	61	6	3	7	2	2		6								
	09	10059	41	40	39	29	28	56	8	60	6	6	5	4	2		6								
	12	10064	40	38	35	27	35	58	8	02	2	8	8	4			6								
	15	10066	39	38	37	27	35	48	8	02	2	8	5	4			6								
	18	10077	39	38	36	27	30	48	8	02	2	8	5	4			6								
	21	10093	38	37	36	27	30	58	8	02	2	8	5	4			6			27	50	533	0001	41	38
25	00	10112	38	37	35	27	24	66	2	01	1	2	5	5	0	0									
	03	10119	38	38	37	27	24	66	5	03	2	5	5	5	0	0	6								
	06	10122	40	40	40	28	18	48	8	03	2	8	6	2			5								
	09	10127	41	41	41	28	12	05	8	47	4	8	6	0	0										
	12	10118	41	40	39	29	17	74	7	02	4	6	5	5	0	1	6								
	15	10106	41	40	39	30	26	74	8	02	2	8	5	5			6								
	18	10090	40	40	39	30	30	66	8	50	5	8	5	5			6								
	21	10057	41	41	40	31	30	58	8	02	5	8	5	4			6			31	46	465	0000	42	37
26	00	10037	42	42	42	31	33	48	8	50	5	3	7	2			6								
	03	10029	43	42	41	31	30	58	8	50	5	8	5	4			6								
	06	10035	40	40	40	28	28	58	8	51	5	8	5	4			6								
	09	10064	40	37	33	28	23	66	6	01	2	6	5	4			6								
	12	10074	39	38	37	28	22	58	8	50	2	8	5	4			6								
	15	10084	39	38	36	28	22	58	6	02	2	6	8	4	0	0	6								
	18	10094	38	37	35	27	20	58	6	02	2	6	5	4	0	0	6								
	21	10100	38	37	36	27	24	58	4	02	1	4	5	4	0	0	6			31	48	682	0001	43	37
27	00	10112	39	39	39	30	22	32	8	02	2	8	6	2			6								
	03	10096	41	41	41	31	10	16	8	50	5	8	7	1			7								
	06	10098	41	41	41	31	13	16	8	02	5	8	6	1			7								
	09	10116	39	38	37	27	22	16	8	10	5	8	6	1			6								
	12	10117	39	39	39	29	22	32	8	02	2	8	6	2			6								
	15	10101	41	40	39	30	24	32	8	02	2	8	5	4			6								
	18	10084	42	41	40	32	24	48	8	02	2	8	5	4			6								
	21	10070	42	41	40	31	28	58	8	02	2	8	5	4			6			27	37	296	0002	43	38

Results of Surface Observations,
MACQUARIE – Jun., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	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	10030	42	41	40	32	35	48	8	50	5	8	6	2			7								
	03	9978	42	42	42	32	38	16	8	51	5	8	6	1			7								
	06	9958	42	42	42	32	43	16	8	50	5	8	6	1			7								
	09	9961	36	35	33	27	28	58	8	60	8	6	6	2	2		6								
	12	9968	37	36	33	29	26	74	4	15	8	3	8	5	3	0	6								
	15	9986	36	35	33	27	31	74	5	26	8	5	9	4	3	0	6								
	18	10013	38	35	32	27	31	66	7	27	8	7	8	4			6								
	21	10055	36	35	32	21	10	74	6	87	8	6	8	4	0	0	5			27	59	573	0010	43	34
29	00	10078	36	35	33	25	20	58	8	02	2	8	5	4			6								
	03	10121	35	34	32	27	25	48	8	50	5	8	6	3			6								
	06	10130	36	35	33	27	23	56	8	02	2	8	5	4			6								
	09	10138	34	33	31	27	23	58	8	02	2	8	8	4			6								
	12	10131	36	33	27	27	23	66	8	02	2	8	5	5			6								
	15	10103	38	35	31	29	22	66	8	02	2	8	5	5			6								
	18	10063	39	37	34	31	23	66	8	02	8	8	8	5			6								
	21	10017	41	41	40	31	33	48	8	02	8	8	6	3						27	44	438	0004	42	32
30	00	9988	42	42	42	31	29	06	8	51	5	8	6	0			7								
	03	9992	40	39	38	28	30	48	8	50	5	8	6	2			6								
	06	10005	37	36	34	20	18	58	8	53	5	8	6	3			5								
	09	10032	35	33	29	19	14	63	8	02	2	8	8	4			5								
	12	10044	34	31	26	18	13	66	8	02	2	8	8	4			5								
	15	10042	33	31	26	26	12	66	8	02	2	8	5	5			5								
	18	10034	35	32	27	28	14	66	8	02	2	8	5	5			5								
	21	10035	35	33	30	22	09	50	8	83	8	8	8	5			5			29	40	485	0004	42	32

Results of Surface Observations,
MACQUARIE — Jul., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	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	10017	35	34	33	28	10	48	8	68	7	8	0	2	2			6							
	03	10001	35	35	34	28	01	16	8	10	7	8	6	3			6								
	06	9980	36	36	36	28	07	32	8	25	7	8	6	3			6								
	09	9947	37	37	37	29	17	58	8	02	6	8	6	3	2		6								
	12	9898	40	40	40	31	28	16	8	61	6	4	6	0	2		6								
	15	9865	40	40	40	28	23	15	8	61	6	5	6	0	2		6								
	18	9859	39	38	36	27	38	66	7	01	6	7	5	4			6								
	21	9870	37	35	31	27	35	66	4	01	2	4	1	5	0	0	6			27	69	206	0013	41	33
02	00	9873	36	34	31	28	35	66	7	88	8	7	8	5			6								
	03	9875	35	33	29	27	33	56	6	26	8	6	8	5	0	0	6								
	06	9875	37	34	30	28	35	66	8	89	8	8	8	5			6								
	09	9886	36	33	24	26	30	74	4	16	8	4	8	5	0	0	6								
	12	9880	37	32	22	27	23	74	7	02	8	7	2	5			6								
	15	9878	37	34	28	27	24	74	4	01	8	4	8	5	0	0	6								
	18	9874	37	36	34	29	22	66	6	02	2	6	5	4	0	0	6								
	21	9866	38	37	35	30	23	16	8	61	6	8	0	3	2			7		27	56	580	0005	40	35
03	00	9837	40	39	38	30	24	58	8	62	2	8	5	4			6								
	03	9815	41	40	39	32	24	58	8	02	6	8	5	4			7								
	06	9803	41	40	40	32	24	58	8	02	2	8	6	2			7								
	09	9777	42	41	41	33	29	24	8	53	5	8	6	2			8								
	12	9768	41	40	38	32	23	66	8	01	5	4	5	5	2		7								
	15	9774	41	40	39	32	23	63	8	50	5	3	6	3	2		7								
	18	9795	37	36	34	26	15	63	8	60	6	4	5	3	2		7								
	21	9809	37	36	34	29	13	66	7	02	6	2	8	3	7		6			31	37	518	0010	42	36
04	00	9824	37	34	28	27	16	66	6	02	2	3	5	4	1	0	6								
	03	9830	37	33	28	27	13	66	7	02	2	5	5	4	1	0	6								
	06	9835	37	34	29	29	10	66	6	02	2	4	5	4	1	0	6								
	09	9836	37	34	29	30	10	74	6	02	1	3	5	5	2	1	7								
	12	9827	38	34	26	30	11	74	5	02	1	2	2	5	7	0	6								
	15	9809	37	35	32	31	12	80	3	02	1	3	2	5	3	0	7								
	18	9800	37	35	32	33	15	80	2	02	1	2	2	5	3	0	7								
	21	9782	33	32	30	31	08	80	3	22	7	2	2	5	1	0	7			29	29	337	0005	39	32
05	00	9770	33	32	30	27	16	80	3	02	1	2	2	5	1	0	7								
	03	9764	35	30	20	31	19	80	4	03	8	3	2	5	1	0	7								
	06	9735	36	32	24	01	12	74	8	03	2	8	5	5											
	09	9707	35	35	34	36	24	48	8	68	7	8	0	3	2			5							
	12	9694	38	36	33	31	15	58	5	02	7	5	2	4	0	0	7								
	15	9754	32	31	29	19	25	08	8	71	7	6	6	2	2			5							
	18	9814	33	32	30	23	20	56	8	02	7	8	0	4	2	0		5							
	21	9850	32	31	29	24	18	74	4	02	1	4	2	4	0	0	5			22	62	312	0007	39	31
06	00	9876	33	31	26	27	21	80	3	01	8	3	2	5	4	0	6								
	03	9867	35	31	25	31	22	66	8	03	2	8	0	4	2	0									
	06	9839	35	35	34	33	26	32	8	66	7	8	0	3	2										
	09	9818	40	39	38	30	26	61	7	21	6	7	5	4			6								
	12	9817	40	38	35	29	23	53	8	02	8	8	8	4			6								
	15	9825	39	36	31	28	40	32	8	02	2	8	8	3			6								
	18	9868	36	33	27	27	45	58	8	02	2	8	8	3			6								
	21	9898	35	35	35	27	40	58	8	02	2	8	8	3			6			27	76	413	0011	41	33
07	00	9957	35	31	23	28	35	80	3	01	8	3	2	5	0	0									
	03	9966	33	30	24	29	30	58	8	85	2	8	0	5	5		6								
	06	10003	31	30	27	20	16	58	8	71	7	8	0	5	2										
	09	10055	32	27	14	19	09	80	1	01	1	1	1	5	0	0	5								
	12	10080	34	29	18	20	06	80	1	02	0	1	1	5	0	1	4								
	15	10111	33	29	20	27	04	80	4	03	0	4	0	9	5	0	6								
	18	10114	36	34	29	33	17	74	8	03	2	8	0	9	2		6								
	21	10117	40	40	40	31	18	58	8	20	5	8	6	2			7			27	61	609	0004	41	30
08	00	10128	41	40	39	31	24	48	8	02	2	8	6	3			7								
	03	10124	41	41	41	31	26	48	8	02	2	8	6	2			7								
	06	10124	41	41	40	32	26	48	8	52	5	8	6	2			7								
	09	10112	41	40	39	31	32	48	8	50	5	8	6	2			7								
	12	10106	43	42	41	34	22	58	8	02	2	6	6	3	2		7								
	15	10103	43	42	41	32	28	58	8	02	2	8	6	2			7								
	18	10124	43	42	41	32	25	58	8	50	2	8	6	2			7								
	21	10128	43	42	41	32	25	58	8	02	5	8	6	2			7			31	49	388	0002	43	41
09	00	10137	42	42	42	32	26	16	8	10	2	8	6	2			7								
	03	10143	43	42	41	31	28	32	8	02	2	8	6	3			7								
	06	10152	43	42	41	32	22	58	8	02	2	4	6	3	3		7								
	09	10160	43	42	41	33	27	58	8	02	2	3	6	3	7		7								
	12	10154	43	42	41	33	22	63	7	03	1	7	5	6			7								
	15	10145	43	43	42	33	26	66	7	03	1	5	6	3	7		7								
	18	10140	44	43	42	33	28	63	7	02	2	7	6	3			7								
	21	10131	44	43	43	33	30	63	8	02	2	8	6	3			7			34	41	607	0000	45	42

Results of Surface Observations,
MACQUARIE – Jul., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	00	10133	44	44	44	32	34	16	8	10	2	8	6	2			7								
	03	10131	43	43	43	33	35	16	8	10	2	8	6	2			7								
	06	10130	44	43	42	33	32	16	8	10	2	8	6	2			7								
	09	10131	43	43	43	33	29	16	8	10	2	8	6	2			7								
	12	10118	44	44	44	34	31	48	8	50	2	8	6	2			7								
	15	10110	43	43	43	34	26	32	8	02	2	8	6	2			7								
	18	10089	43	43	43	34	25	32	8	02	2	8	6	2			7								
	21	10043	44	43	43	35	31	32	8	02	2	8	6	2			8			36	50	618	0000	44	43
11	00	10041	43	43	43	32	37	16	8	51	5	8	6	1			7								
	03	10080	41	41	41	31	23	16	8	02	2	8	6	2			7								
	06	10081	42	42	42	33	18	04	8	53	5	8	6	0			7								
	09	10084	42	42	42	33	21	06	8	53	5	8	6	0			7								
	12	10110	38	37	37	27	17	48	8	02	6	8	6	3			6								
	15	10133	38	37	35	31	23	58	8	03	1	8	5	5			6								
	18	10133	41	39	37	31	30	66	8	01	1	1	5	5	0	0	6								
	21	10147	37	37	36	29	21	66	8	87	8	8	8	5			6			31	43	578	0014	43	34
12	00	10157	34	34	34	27	25	03	8	72	8	8	6	0			6								
	03	10173	35	34	32	28	24	58	8	02	8	8	6	2			6								
	06	10197	33	33	33	26	32	74	9	02	1	3	2	4	0	0	6								
	09	10222	37	34	29	28	25	66	6	02	2	6	8	4	0	0	6								
	12	10214	38	35	29	29	23	74	7	02	2	7	5	5			6								
	15	10174	39	36	33	31	38	56	8	61	2	8	0	4	2			6							
	18	10172	41	40	39	29	30	58	8	61	6	8	0	4	2			6							
	21	10203	38	36	33	27	30	66	5	90	8	5	2	5	0	0	6			27	60	430	0012	43	31
13	00	10218	38	35	31	27	26	66	6	02	8	6	4	5	0	0	6								
	03	10221	39	38	36	27	28	66	7	02	2	7	5	4			6								
	06	10222	40	40	40	27	22	58	8	50	2	8	6	4			6								
	09	10228	41	41	40	27	23	58	8	02	5	8	6	2			6								
	12	10225	41	41	41	30	19	09	8	51	5	8	6	0											
	15	10224	41	40	40	27	24	48	8	02	2	8	6	3											
	18	10223	41	40	39	29	23	58	8	02	5	8	5	4											
	21	10218	41	40	39	29	23	58	8	02	2	8	6	4						27	42	541	0004	42	37
14	00	10197	41	40	39	29	21	63	8	50	2	8	5	3			6								
	03	10186	41	40	39	29	23	63	8	01	2	6	5	4	0	8	6		6						
	06	10173	40	39	38	30	22	66	5	01	2	5	5	4	0	0	6								
	09	10168	40	39	38	30	22	65	7	02	2	7	5	4	3		6								
	12	10145	40	39	38	29	23	66	3	01	8	3	8	5	3	0	6								
	15	10140	40	39	38	29	23	74	7	03	8	6	5	4	3		6								
	18	10131	40	40	40	30	17	48	8	51	5	8	6	2			6								
	21	10110	41	41	41	33	17	48	8	50	5	8	6	2						29	37	445	0000	41	39
15	00	10087	42	42	42	32	19	16	8	50	5	8	6	2			7								
	03	10062	42	42	42	34	22	16	8	20	5	8	6	2			7								
	06	10036	42	42	42	34	23	16	8	50	5	8	6	2			7								
	09	10005	42	42	42	34	29	16	8	20	5	8	6	2			7								
	12	9972	43	42	41	33	33	48	8	02	2	8	6	2			7								
	15	9923	43	43	43	33	35	16	8	50	3	8	6	2			7								
	18	9902	43	43	43	33	34	16	8	51	5	8	6	2			7								
	21	9896	42	42	42	33	31	16	8	51	5	8	6	1			7			34	47	456	0004	44	41
16	00	9879	42	41	40	31	30	66	7	02	2	7	5	4			7								
	03	9882	40	38	36	29	24	66	8	02	2	8	5	4			7								
	06	9874	40	38	36	29	17	66	8	02	5	8	5	4			7								
	09	9860	40	38	36	30	13	66	6	01	1	2	5	4	7	1	7	6	6						
	12	9837	39	38	37	32	15	66	8	02	2	8	5	4			7								
	15	9815	40	38	37	31	18	48	8	02	2	5	6	2			7								
	18	9814	37	36	35	18	20	48	8	61	6	8	6	2			5								
	21	9832	32	31	29	18	18	16	8	71	7	8	6	3			4			31	46	590	0003	43	29
17	00	9858	31	27	19	27	10	66	7	02	7	7	5	4			6								
	03	9880	30	27	19	27	09	66	6	01	7	6	5	4	2		6								
	06	9909	30	27	19	24	08	66	6	02	2	6	8	4	0	0	5								
	09	9944	30	26	19	27	16	66	7	02	8	7	8	4			6								
	12	9961	31	28	22	28	20	66	5	02	1	5	8	4	0	0	6								
	15	9980	30	27	21	28	15	74	6	02	8	6	8	5	0	0	6								
	18	9996	36	34	30	29	22	66	6	02	1	6	8	5	0	0	6								
	21	10011	36	35	33	30	25	66	7	80	2	7	8	5	0	0	6			29	34	270	0025	38	27
18	00	10027	38	37	35	31	23	66	3	01	1	3	5	4	0	0	7								
	03	10033	38	37	36	29	24	63	7	80	2	7	8	4			7								
	06	10054	37	37	35	29	17	66	6	01	8	6	8	4	0	0	7								
	09	10072	38	37	35	30	25	74	6	15	8	6	8	4	0	0	6								
	12	10080	39	38	37	30	28	74	6	80	2	6	8	4	0	0	7								
	15	10094	40	39	38	31	26	74	6	80	2	6	8	4	0	0	7								
	18	10106	40	39	38	31	23	66	7	02	2	7	8	4			7								
	21	10123	41	39	36	31	18	66	6	02	2	6	8	4			7			31	38	410	0000	41	37

Results of Surface Observations,
MACQUARIE – Jul., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	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	10128	40	37	32	34	22	74	4	02	1	4	5	5	0	0	6								
	03	10118	40	38	36	34	19	74	4	02	1	4	5	5	0	0	6								
	06	10110	40	38	36	36	21	74	6	02	1	6	5	5	0	0	7								
	09	10105	40	38	35	35	22	74	7	15	5	6	8	5	0		8								
	12	10094	40	38	35	01	20	74	4	25	2	4	8	5	0	0	8								
	15	10064	40	38	35	01	23	74	3	01	0	3	8	5	0	0	8								
	18	10045	41	40	39	01	20	74	2	01	0	2	8	5	0	0	8								
	21	10020	42	41	40	36	08	58	8	03	2	8	6	3			8			02	33	450	0001	43	39
20	00	9981	42	42	41	08	13	66	8	02	2	8	6	2											
	03	9924	43	43	43	11	15	58	8	63	6	8	0	2	2										
	06	9854	45	45	44	09	12	48	8	63	6	8	0	2	2										
	09	9813	45	45	45	06	15	16	8	60	6	3	7	1	2		8								
	12	9770	45	44	43	01	28	32	8	02	6	8	6	2	0		8								
	15	9763	43	43	43	34	23	08	8	47	5	8	6	0	2		8								
	18	9814	41	41	41	31	24	16	8	10	2	8	6	2	2		7								
	21	9846	40	40	40	32	22	32	8	50	2	8	6	2	2		7			36	51	350	0052	47	40
21	00	9849	42	41	40	33	29	48	8	02	2	8	6	3			7								
	03	9847	42	40	37	33	32	48	8	02	2	8	6	2			7								
	06	9846	43	41	38	32	36	32	8	60	6	8	6	2			7								
	09	9860	42	40	37	32	37	60	4	01	6	4	8	4	0	0	7								
	12	9884	42	39	34	31	34	60	3	02	8	2	2	5	3	1	7	7	7						
	15	9910	40	38	33	30	28	63	6	02	2	4	4	5	0	4	6		6						
	18	9931	40	38	34	31	23	66	5	02	1	5	5	5	0	0	7								
	21	9941	41	39	37	32	20	66	3	02	1	3	5	5	0	0	7			31	60	650	0003	43	37
22	00	9940	40	39	38	33	18	66	4	02	0	4	5	4	0	0	7								
	03	9926	41	40	39	34	20	66	4	02	0	4	5	4	0	0	7								
	06	9898	42	41	40	36	19	16	8	53	5	8	6	2	1		8								
	09	9874	43	42	41	36	22	16	8	51	5	8	6	1	2		8								
	12	9818	44	43	42	36	27	32	8	50	2	8	6	2	2		8								
	15	9759	44	43	43	36	30	24	8	62	2	6	7	2	2		8	8							
	18	9707	44	44	43	36	30	24	8	61	6	6	7	2	2		8	8							
	21	9720	39	37	34	31	28	58	6	01	6	6	6	4			7			31	55	541	0003	45	39
23	00	9731	39	36	31	31	43	32	8	02	2	8	6	3			7								
	03	9766	35	33	29	29	40	32	8	02	2	8	6	3			7								
	06	9828	35	33	29	27	30	58	6	02	2	7	6	3	0		6								
	09	9872	35	30	19	27	19	66	4	02	1	4	2	4	0	0	6								
	12	9877	37	34	27	31	21	74	3	02	1	2	8	5	0	0	6								
	15	9868	39	37	34	33	28	74	5	15	2	3	8	5	7	0	7								
	18	9830	38	38	38	35	30	58	8	62	6	3	7	3	2		7	7							
	21	9798	41	41	41	34	23	48	7	60	6	4	7	3	2		7	7		31	61	534	0010	42	34
24	00	9742	41	41	41	34	30	48	8	60	6	8	7	3			7								
	03	9765	38	37	35	29	35	63	8	02	2	8	5	4			7								
	06	9801	38	38	37	29	22	66	6	01	2	6	5	4	0	0	7								
	09	9838	34	34	34	27	14	66	6	85	2	6	8	4	0	0	6								
	12	9858	34	33	32	27	17	66	6	85	2	6	9	4	0	0	6								
	15	9878	36	35	33	28	13	74	3	15	8	3	9	4	0	0	6								
	18	9905	34	33	31	19	16	48	4	50	8	4	7	3			5								
	21	9958	32	29	21	20	17	66	4	02	1	4	5	5			4			31	52	540	0016	43	30
25	00	9982	32	28	19	19	10	66	4	02	8	4	5	6	0	0	4								
	03	9994	30	29	27	28	09	16	8	70	2	8	0	2	2		4	6							
	06	10017	32	27	17	22	13	66	3	01	7	3	5	5	0	0	5								
	09	10035	31	28	23	25	10	04	8	86	2	8	9	4			6								
	12	10052	32	28	21	24	15	80	8	02	2	8	5	4			6								
	15	10084	33	29	21	20	17	74	4	01	8	4	1	4	0	0	4								
	18	10110	31	31	31	27	15	16	5	85	2	5	9	4	0	0	6								
	21	10132	36	34	30	27	21	66	4	02	8	4	2	5	0	0	6			27	56	240	0005	37	28
26	00	10134	35	34	32	27	26	63	5	02	8	5	2	4	0	0	6								
	03	10138	35	34	31	28	23	63	7	02	1	7	5	4	0	0	6								
	06	10150	37	35	32	28	26	63	7	02	2	7	8	4			6								
	09	10164	37	37	36	28	20	56	8	50	5	8	5	2			6								
	12	10165	38	37	34	28	26	56	8	60	5	8	6	3			6								
	15	10168	38	37	34	28	35	56	8	50	5	8	6	4			6								
	18	10170	37	36	35	28	40	58	8	50	5	8	5	4	0	0	6								
	21	10182	36	36	35	28	26	58	8	51	5	8	5	4			6			29	69	387	0004	38	34
27	00	10185	36	36	35	27	26	56	8	50	5	8	5	4			6								
	03	10193	36	35	34	28	23	32	8	50	5	8	6	3			6								
	06	10190	35	34	33	28	26	56	7	01	5	7	6	4			6								
	09	10192	35	34	33	27	26	56	7	02	2	7	5	2			6								
	12	10182	36	34	31	28	30	58	6	02	2	6	5	3			6								
	15	10164	38	36	35	29	20	58	7	02	2	6	5	3	3		6								
	18	10142	40	39	38	32	20	58	8	02	2	8	6	3			6								
	21	10114	41	40	39	32	20	58	8	02	2	8	6	3			6			27	48	518	0003	41	33

Results of Surface Observations,
MACQUARIE – Jul., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		inb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	w	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	00	10077	41	41	41	32	21	32	8	52	5	8	6	3			7								
	03	10058	42	42	42	32	18	32	8	52	5	8	6	3			7								
	06	10047	42	41	42	31	16	32	8	52	5	8	6	3			7								
	09	10031	42	42	42	32	13	16	8	51	5	8	6	2			7								
	12	10012	42	42	42	32	16	05	8	50	5	8	6	0											
	15	9998	42	42	42	31	14	03	8	45	4	8	6	0											
	18	9987	42	42	42	32	14	02	8	45	5	8	6	0											
	21	9978	42	41	41	32	10	02	8	45	5	8	6	0						31	30	441	0010	42	41
29	00	9960	41	41	41	34	08	03	8	51	6	8	6	0											
	03	9937	42	42	42	34	11	05	8	61	6	8	6	0											
	06	9907	42	42	42	34	12	08	8	61	6	8	6	0											
	09	9885	42	42	42	32	17	16	8	10	6	8	6	0											
	12	9869	42	42	42	32	18	58	6	01	2	6	5	4	0	0	7								
	15	9861	42	41	41	34	08	48	7	03	2	5	5	4	0	0	7								
	18	9839	42	42	42	00	00	09	8	45	4	8	6	0											
	21	9824	42	41	41	14	05	11	8	51	5	8	6	1						34	21	283	0022	43	40
30	00	9825	41	41	41	16	15	09	8	61	6	8	6	1											
	03	9831	39	38	38	18	17	16	8	51	6	6	5	4											
	06	9859	38	38	38	18	17	08	8	51	5	8	6	0											
	09	9892	37	36	35	20	05	48	8	50	5	5	5	4											
	12	9904	34	33	30	24	03	74	5	02	1	3	5	4	0	8	5								
	15	9914	35	33	30	27	19	74	6	02	1	3	5	4	3	8	5	6	6						
	18	9927	37	36	34	27	22	74	6	02	2	6	5	4	0	0	5								
	21	9937	37	35	30	28	26	66	7	02	2	7	5	4			6			27	48	224	0018	41	33
31	00	9946	35	34	32	28	30	66	6	02	2	6	5	4			6								
	03	9961	36	33	28	28	30	66	7	02	2	7	5	4			6								
	06	9975	35	32	27	27	24	66	5	01	2	5	5	4	0	0	6								
	09	9986	35	31	23	27	26	74	6	02	2	6	5	4	0	0	6								
	12	9982	37	33	26	29	24	66	7	02	2	7	5	4			6								
	15	9986	37	34	29	29	25	66	7	02	2	7	5	4			6								
	18	9994	37	34	29	29	30	66	5	01	2	5	5	4	0	0	6								
	21	10008	37	34	30	29	30	66	4	02	2	4	5	4	0	0	6			27	59	425	0000	38	34

Results of Surface Observations,
MACQUARIE – Aug., 1960

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	10028	35	33	30	25	23	74	3	02	2	3	5		0	0									
	03	10055	35	33	29	32	07	66	6	02	2	6	5	4	0	0	6								
	06	10071	35	32	28	27	09	66	7	03	2	7	5	4	0	0	6								
	09	10098	35	34	31	27	09	66	3	01	8	3	8	4	0	0	6								
	12	10093	37	36	34	27	09	66	7	02	2	7	8	4			6								
	15	10086	37	36	34	31	13	61	7	50	5	7	8	2			7								
	18	10090	37	36	34	31	17	58	7	50	2	7	6	2			7								
	21	10088	36	34	31	32	13	66	7	02	2	7	5	4			7			22	32	379	0000	38	33
02	00	10084	35	34	32	30	14	66	6	02	2	3	5	4	3	0	7								
	03	10076	36	34	30	30	12	66	8	03	2	8	5	3			7								
	06	10068	36	34	30	28	05	66	8	02	2	8	5	3			7								
	09	10055	37	35	32	31	02	66	8	02	2	5	5	4	3		7								
	12	10034	37	37	35	17	09	63	8	02	2	8	6	4			4								
	15	10018	37	37	37	17	10	16	7	50	5	7	6	2			4								
	18	10011	39	39	38	11	07	32	8	50	5	8	6	2			3								
	21	9992	39	39	39	17	12	16	8	50	5	8	6	2			4			18	17	226	0000	39	35
03	00	9976	39	39	39	16	12	04	8	51	5	8	6	0			4								
	03	9965	38	38	38	16	15	04	8	51	5	8	6	0			4								
	06	9959	37	37	37	18	14	04	8	50	2	8	6	0			4								
	09	9953	37	36	34	16	04	66	7	02	1	3	5	4	3		4								
	12	9942	37	36	34	27	04	58	6	16	2	6	8	2	0	0	6								
	15	9938	36	36	35	28	10	63	7	50	5	7	5	4			6								
	18	9931	37	35	33	29	14	66	6	02	8	6	8	4	0	0	6								
	21	9920	36	34	31	31	17	61	7	80	2	7	8	4			7			31	34	156	0011	39	35
04	00	9894	37	35	32	31	24	66	6	01	2	3	2	4	3	0	7								
	03	9863	38	37	35	31	25	58	8	60	2	8	2	4			7								
	06	9864	34	34	34	27	27	58	8	85	7	8	2	4			6								
	09	9891	33	31	27	27	23	66	7	85	8	7	2	4			6								
	12	9921	28	27	25	21	14	66	6	85	8	6	8	4	0	0	5								
	15	9954	28	27	23	21	14	66	6	02	8	6	8	4	0	0	5								
	18	9988	30	29	26	19	16	66	7	02	8	7	8	4			5								
	21	10029	31	31	30	20	16	66	7	02	8	7	5	4			5			29	43	324	0005	38	25
05	00	10060	30	27	21	20	12	66	8	02	2	8	8	4			5								
	03	10090	32	29	23	20	14	66	8	85	2	8	8	4			5								
	06	10111	33	30	24	20	10	66	5	01	2	5	8	4			5								
	09	10137	35	31	23	18	09	66	6	02	2	6	5	4	0	0	5								
	12	10145	35	32	27	22	05	66	8	02	2	8	8	5			5								
	15	10155	34	32	28	23	04	66	8	02	2	8	5	5			5								
	18	10162	34	33	31	27	03	66	8	02	2	8	5	5			5								
	21	10165	35	32	27	26	09	66	8	02	2	8	5	5			5			20	24	300	0003	35	30
06	00	10166	35	33	31	29	12	66	7	22	2	7	8	5			6								
	03	10151	35	34	31	29	13	66	7	02	5	7	8	4			6								
	06	10152	35	34	31	29	09	66	7	02	2	7	8	4			6								
	09	10158	36	35	33	29	10	63	7	85	2	7	8	4			6								
	12	10151	38	37	35	28	14	74	6	02	8	6	8	4	0	0	6								
	15	10157	37	36	35	27	05	63	5	01	5	5	5	4	0	0	5								
	18	10164	36	35	34	27	07	58	4	01	2	4	5	4	0	0	5								
	21	10166	36	35	34	27	10	74	3	01	2	3	5	4	0	0				29	24	181	0001	39	34
07	00	10167	35	35	35	29	04	66	6	02	1	6	8	3	0	0	6								
	03	10166	35	35	35	27	03	58	6	02	1	6	6	2	0	0	6								
	06	10162	33	33	32	00	00	74	2	01	0	2	5	4	0	0	6								
	09	10160	36	35	33	29	02	58	6	03	1	6	5	3	7	0	6								
	12	10143	37	36	35	31	06	74	3	01	2	3	5	4	0	0	6								
	15	10124	34	34	34	29	08	58	2	02	2	2	5	3	0	0	6								
	18	10114	34	34	33	31	10	58	7	52	2	7	5	3	0	0	6								
	21	10095	37	36	36	34	07	09	8	51	5	8	6	0						31	15	126	0000	38	33
08	00	10071	38	38	38	31	12	32	7	51	5	7	6	2			7								
	03	10043	39	39	39	32	12	32	8	20	5	8	6	2			7								
	06	10016	40	40	39	32	16	58	7	02	2	7	5	3			7								
	09	10028	34	33	32	21	22	32	8	73	7	8	0	0	2		5								
	12	10035	33	31	27	22	17	58	8	02	7	8	8	4			5								
	15	10047	33	33	33	18	18	58	8	85	8	8	8	4			5								
	18	10056	33	32	30	22	18	58	5	85	8	5	8	4			5								
	21	10063	34	33	31	19	20	63	8	85	8	8	8	4			5			22	43	233	0012	41	31
09	00	10072	31	31	31	20	17	32	7	85	8	7	2	4			4								
	03	10075	32	31	29	20	17	32	6	85	8	6	2	4	0	0	4								
	06	10080	32	30	27	20	19	56	7	26	8	7	2	4			4								
	09	10092	32	30	26	20	17	61	8	02	2	8	5	4			4								
	12	10088	33	30	24	20	18	58	7	02	2	7	8	4			4								
	15	10091	31	30	28	19	17	74	5	01	8	5	8	5	0	0	4								
	18	10100	31	29	25	20	18	66	6	01	8	6	2	4	0	0	4								
	21	10105	32	29	23	20	16	63	8	85	8	8	2	4			4			20	38	363	0014	34	29

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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	ft	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	00	10109	32	28	20	20	17	74	6	02	2	6	5	5	0	0	4								
	03	10109	32	29	23	19	13	74	7	02		7	5	5			4								
	06	10120	31	28	22	19	14	74	7	02		7	5	5			4								
	09	10130	32	29	23	19	07	74	7	02		4	5	5	0	1	4								
	12	10125	32	31	30	19	09	80	4	01	2	2	5	5	0	1	4								
	15	10132	33	30	24	30	05	80	2	01	1	2	5	5	0	1	5								
	18	10134	34	32	28	29	07	66	3	02		3	5	5	0	0	6								
	21	10121	36	34	30	31	21	66	6	03	2	6	5	4	0	0	7			31	31	293	0005	38	30
11	00	10103	38	37	37	32	22	58	8	50	5	8	6	3											
	03	10089	41	40	40	32	23	63	7	02	2	7	5	4			6								
	06	10083	41	40	39	32	26	63	8	02	2	8	5	4			6								
	09	10079	40	40	40	32	24	66	8	02	2	3	5	4	7	8	6								
	12	10068	42	41	40	31	30	63	8	02	2	6	5	4	7		7								
	15	10057	41	41	41	31	28	58	8	02	2	8	6	4			7								
	18	10051	42	41	40	31	31	58	8	02	2	8	6	3			7								
	21	10037	42	41	40	31	28	58	8	02	2	8	6	3			7			31	48	388	0001	43	37
12	00	10009	41	40	39	33	33	66	7	02	2	2	5	5	3	7	6	6							
	03	9976	42	41	40	33	35	66	8	03	2	4	5	4	3	8	7	6							
	06	9938	43	42	41	33	39	63	8	02	2	6	5	4	3		7	6							
	09	9986	34	34	34	28	24	48	8	68	7	4	7	3	2		6	6							
	12	10008	38	34	26	29	21	66	5	02	7	5	5	5	1	0	6	6							
	15	10030	37	33	24	29	19	66	6	02	2	6	5	6	0	0	6								
	18	10043	37	33	25	27	15	66	5	02	2	5	5	5	0	0	6								
	21	10057	37	34	27	30	14	66	3	02	1	3	5	5	0	0	6			31	62	731	0009	43	34
13	00	10055	38	36	32	31	16	66	6	02	2	4	5	5	3	0	6								
	03	10049	40	38	36	31	18	66	6	02	2	5	6	5	0	0	6								
	06	10043	41	39	36	31	19	66	6	02	2	6	5	5	0	0	6								
	09	10049	42	41	40	32	16	58	7	02	3	7	8	4			6								
	12	10045	42	41	40	32	19	58	7	80	3	7	8	4			7								
	15	10042	42	41	40	32	22	63	7	02	3	6	8	4	3		7								
	18	10041	43	42	41	33	26	63	8	02	2	8	5	4			7								
	21	10036	42	41	40	33	29	66	8	02	2	8	5	4			7			34	41	389	0002	43	38
14	00	10038	42	41	40	32	26	48	8	25	2	8	6	3			7								
	03	10043	42	41	40	32	24	58	8	02	2	8	6	3			7								
	06	10046	42	41	40	33	24	58	8	02	2	8	6	3			7								
	09	10049	42	41	40	33	22	63	8	02	2	3	6	3	7		7								
	12	10043	41	40	39	31	27	66	7	20	2	6	8	4	7		7								
	15	10029	41	41	40	35	12	66	7	02	2	6	5	5	0	2	7								
	18	10027	41	41	40	35	14	66	6	20	2	6	5	5	0	0	7								
	21	10017	43	42	40	02	18	66	8	02	2	8	5	5			8			34	40	507	0004	43	41
15	00	10008	42	41	40	01	28	66	4	01	2	4	5	5	0	0	8								
	03	9989	41	40	39	01	29	66	6	02	2	6	5	5	0	0	8								
	06	9975	41	39	36	36	24	66	7	02	2	7	5	5	0	0	8								
	09	9972	41	40	39	36	21	66	5	01	2	3	5	5	3	0	1								
	12	9952	42	40	40	36	22	66	7	02	2	7	6	5			8								
	15	9955	42	41	40	36	13	63	7	20	2	7	6	4			8								
	18	9962	41	41	41	36	09	63	6	01	2	6	6	4	0	0	8								
	21	9977	41	40	40	34	10	66	5	02	1	5	5	5	0	0	7			36	45	435	0000	43	39
16	00	9992	40	39	37	31	09	74	2	01	1	2	5	5	0	0	7								
	03	10002	40	38	36	30	08	66	5	02	2	5	5	5	0	0	6								
	06	10026	39	38	37	28	12	66	6	02	2	6	5	5	0	0	6								
	09	10060	38	37	35	27	14	61	8	50	2	8	5	5			6								
	12	10074	38	36	33	29	16	61	7	01	5	7	5	5			6								
	15	10092	36	34	30	28	13	74	3	01	1	3	5	5	0	0	6								
	18	10107	37	34	28	28	15	74	3	02	2	3	5	5	0	0	6								
	21	10124	38	36	31	32	12	74	2	02	0	2	5	5	0	0	7			27	28	329	0000	41	36
17	00	10129	39	37	34	33	11	66	3	02	0	3	5	5	0	0	7								
	03	10135	40	39	38	34	10	66	5	03	1	5	5	5	0	0	7								
	06	10139	41	39	36	34	10	66	8	03	2	8	5	5			7								
	09	10147	42	41	40	35	12	66	6	01	2	3	5	5	3		7								
	12	10147	42	41	40	34	17	48	8	03	2	8	6	3			7								
	15	10148	42	41	41	34	19	58	6	03	2	4	6	3	3	0	7								
	18	10153	42	41	40	35	13	58	7	02	2	7	5	5			7								
	21	10164	41	41	40	01	14	58	4	01	2	4	5	5	0	0	7			34	27	292	0000	42	39
18	00	10162	42	41	40	36	16	61	7	02	1	7	5	5			8								
	03	10157	42	41	40	01	17	61	8	02	2	8	6	4	2		8								
	06	10154	42	41	41	36	19	61	8	02	2	8	6	2	2		8								
	09	10159	43	42	41	35	20	24	8	50	2	8	6	2	0										
	12	10159	43	42	41	34	19	05	8	47	4	8	6	0	0										
	15	10160	43	42	42	33	18	05	8	51	5	8	6	0	0										
	18	10171	42	42	42	33	14	05	8	45	4	8	6	0	0										
	21	10193	42	42	42	33	16	05	8	45	5	8	6	0						36	28	417	0001	43	41

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
19	00	10202	42	41	41	33	13	61	8	02	2	8	6	4			7								
	03	10199	42	41	42	35	08	08	8	47	2	8	6	0											
	06	10196	42	42	42	36	10	08	8	45	4	8	6	0											
	09	10206	42	41	41	35	13	58	7	01	2	7	6	1			8								
	12	10195	42	41	40	35	09	58	8	02	2	8	5	4			7								
	15	10185	43	42	41	01	12	61	8	02	2	8	5	5			7								
	18	10178	43	42	41	01	17	58	7	02	2	8	5	5			7								
	21	10167	42	41	40	01	17	58	8	60	2	8	0	9	2			7		07	30	341	0004	43	41
20	00	10151	42	41	41	36	13	48	8	51	6	8	6	2			8								
	03	10139	41	41	41	33	13	61	8	01	5	7	6	4			7								
	06	10137	41	40	39	32	19	61	7	02	2	8	5	4			7								
	09	10145	41	41	40	31	18	61	7	02	2	7	5	4			7								
	12	10154	40	39	38	29	20	63	7	02	2	8	6	3			7								
	15	10168	40	39	38	29	18	60	8	02	2	6	6	3			7								
	18	10180	39	38	37	30	20	60	6	02	2	6	6	3	0	0	7			31	30	376	0007	43	38
	21	10182	40	39	38	31	21	58	7	02	2	7	6	3			7								
21	00	10177	40	40	40	32	20	48	8	50	2	8	6	2			7								
	03	10159	40	40	40	33	25	58	8	02	2	8	6	2			7								
	06	10159	41	40	39	32	20	61	8	02	2	8	6	2			7								
	09	10159	41	40	39	32	22	66	7	20	5	7	5	4			7								
	12	10152	41	41	40	32	18	32	8	02	2	8	6	2			7								
	15	10135	42	42	42	32	15	08	8	50	4	8	6	0			7								
	18	10128	42	42	42	33	24	16	8	10	2	8	6	2			7								
	21	10118	43	43	43	34	25	16	8	10	2	8	6	1			7			31	35	470	0002	43	39
22	00	10086	43	43	43	34	22	16	8	60	2	8	0	9	2										
	03	10055	43	42	42	35	14	16	8	61	6	8	0	9	2										
	06	10035	42	42	42	34	14	03	1	44	6	1	5	4	0	0									
	09	10037	41	41	41	34	10	58	8	03	4	8	6	2			7								
	12	10028	40	39	38	33	16	32	8	02	2	8	6	2			7								
	15	10003	38	38	38	32	14	01	8	47	4	8	6	0			7								
	18	9992	39	39	39	33	16	08	8	43	4	8	6	1			7								
	21	9975	41	41	41	34	25	32	8	02	4	8	6	2			7			31	44	438	0012	44	38
23	00	9972	43	43	42	33	32	48	8	60	5	3	7	2	2		7								
	03	9983	42	41	41	32	16	58	8	60	6	8	0	9	2										
	06	10000	40	39	38	30	12	48	8	02	2	8	5	4			7								
	09	10000	41	39	36	33	12	61	6	01	2	8	5	5	7	1	7								
	12	10006	38	37	35	27	16	56	8	25	2	8	5	4			7								
	15	10032	40	38	35	31	20	58	6	02	2	6	8	4	3	0	6								
	18	10060	39	37	34	27	19	60	4	27	1	4	8	5	3	0	6								
	21	10092	38	35	30	28	21	66	4	02	1	4	8	5	3	0	6			31	40	426	0001	44	36
24	00	10116	39	36	31	30	24	74	0	01	0	0	0	9	0	0									
	03	10123	40	37	31	31	24	74	0	02	0	0	0	9	0	0									
	06	10135	39	38	36	31	26	61	8	60	1	8	0	4	2	0									
	09	10159	39	37	35	29	13	66	3	01	8	2	8	5	4	0	6								
	12	10162	41	38	34	31	11	66	7	03	0	5	5	5	7		7								
	15	10158	41	40	39	34	14	74	3	01	2	3	5	4	0	1	7								
	18	10148	41	40	39	34	22	74	2	02	0	2	5	4	0	0	7								
	21	10138	41	41	40	34	17	66	3	02	0	3	5	4	0	0	7			34	34	394	0005	42	38
25	00	10103	42	41	41	36	17	48	8	50	2	8	5	3											
	03	10063	42	42	42	34	21	48	8	60	2	8	5	4	2										
	06	10045	41	39	38	32	21	74	3	01	6	3	0	9	7										
	09	10025	42	41	40	33	31	58	8	03	2	8	0	4			7								
	12	9993	43	42	41	34	30	58	8	02	2	8	5	4			7								
	15	9951	43	42	41	33	37	32	8	63	6	8	5	4	2		7								
	18	9970	41	40	39	31	26	32	8	63	6	8	0	2	2		7								
	21	9991	40	39	38	29	18	32	7	52	6	7	6	4			7			34	50	407	0001	44	35
26	00	10049	35	34	32	20	06	48	8	52	5	8	6	2			5								
	03	10075	35	33	29	20	08	56	8	02	7	8	6	2			5								
	06	10102	33	30	27	25	04	61	4	01	1	8	2	4	0	0	5								
	09	10127	35	32	29	00	00	66	2	02	0	2	2	4	0	0	5								
	12	10143	36	32	24	29	12	74	7	02	8	2	7	4	5		6								
	15	10160	36	32	24	29	12	74	8	02	2	2	8	4	5		6								
	18	10178	35	32	26	29	13	66	8	02	2	2	8	4	5		6								
	21	10181	35	33	27	29	17	66	8	02	2	8	4	5			6			31	29	426	0021	37	33
27	00	10181	36	34	30	29	22	58	8	02	2	8	5	5											
	03	10181	38	36	33	29	24	58	8	02	2	5	6	3			6								
	06	10185	39	36	31	30	23	56	8	02	2	4	6	3			6								
	09	10195	39	37	34	30	25	58	8	02	2	8	5	4			6								
	12	10195	40	39	37	30	22	66	6	01	2	6	5	5	0	0	6								
	15	10194	40	39	37	30	22	66	7	02	2	7	5	5			6								
	18	10187	40	36	30	31	24	66	8	03	2	8	5	5			7								
	21	10186	39	38	36	31	26	66	6	01	1	6	5	5	0	0	7			31	43	351	0000	40	35

Results of Surface Observations,
MACQUARIE – Aug., 1960

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND																				
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
												AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	00	10205	40	38	35	31	35	60	8	02	2	8	5	4			6								
	03	10154	39	37	34	31	33	58	8	02	2	8	5	4			6								
	06	10148	39	38	37	31	34	58	8	02	2	8	5	4			6								
	09	10150	41	39	36	31	30	58	8	02	2	8	5	5			6								
	12	10160	40	38	36	27	16	74	6	01	2	8	6	5	0	1	5								
	15	10180	39	37	33	27	15	74	5	02	2	5	5	5	0	0	6								
	18	10192	38	35	31	27	10	74	3	01	2	3	5	5	0	0	6								
	21	10203	37	35	31	29	03	74	2	01	0	2	5	5	0	0				31	43	618	0000	41	36
29	00	10197	38	36	33	31	08	66	5	02	2	5	5	5	0	0	7								
	03	10187	38	36	33	31	07	66	6	02	2	6	5	5	0	0	7								
	06	10174	38	37	35	34	10	60	4	02	2	3	5	5	3	0	7								
	09	10162	40	39	38	34	12	56	8	03	2	4	6	2			7								
	12	10137	40	40	40	33	15	16	4	10	5	4	6	1	0	0	7								
	15	10111	40	39	38	32	17	48	7	02	2	2	6	2			7								
	18	10090	41	40	40	34	13	16	8	10	2	8	6	2			7								
	21	10064	41	41	41	34	10	32	8	50	5	8	6	4			7			31	25	259	0000	43	37
30	00	10025	43	42	41	34	14	32	8	02	5	8	6	2			7								
	03	9979	42	42	42	34	14	32	8	02	2	8	6	2			7								
	06	9966	42	42	42	32	11	32	8	50	5	8	6	2			7								
	09	9977	42	42	42	30	16	63	7	01	2	6	5	5			7								
	12	9993	40	38	35	28	22	66	5	03	1	5	5	5	3	1	6								
	15	10004	40	37	33	28	21	74	8	03	1	4	1	5	7	7	6								
	18	10016	39	37	34	31	17	66	8	02	2	8	5	6											
	21	10028	39	37	34	29	17	66	6	03	2	6	0	7	5					29	39	363	0006	43	36
31	00	10041	37	36	34	30	19	66	6	02	1	2	5	5	7	0	7								
	03	10051	39	37	34	30	21	66	2	02	0	2	5	5	0	0	6								
	06	10063	39	37	34	30	23	66	5	02	1	5	5	5	0	0	6								
	09	10076	38	37	36	28	17	61	7	89	5	7	8	3			6								
	12	10068	42	41	40	33	23	74	6	02	2	1	1	4	7	6	7								
	15	10045	42	41	40	34	19	66	7	03	2	6	5	5	7		7								
	18	10020	42	41	41	34	23	66	8	02	2	8	5	5			7								
	21	9985	43	42	41	34	30	61	8	02	2	8	5	4			7			34	41	391	0002	44	37

Results of Surface Observations,
MACQUARIE — Sep., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	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	9949	43	43	43	33	31	32	8	60	2	8	0	2	2			7							
	03	9946	43	43	43	32	24	32	8	50	5	8	6	2			7								
	06	9967	43	43	43	32	17	58	8	02	2	8	6	2			7								
	09	9982	43	43	43	32	18	58	8	02	2	8	6	2			7								
	12	9992	43	43	43	30	20	48	8	02	2	8	6	2			7								
	15	10014	43	43	43	26	11	58	6	52	2	5	5	4	0	0	6								
	18	10041	38	38	38	17	16	12	8	53	5	8	6	2			5								
	21	10065	35	34	32	18	12	16	8	51	5	8	6	2			4			34	42	521	0003	45	34
02	00	10077	34	32	28	15	11	66	7	01	2	7	5	5	5		3								
	03	10082	33	31	28	13	10	66	6	02	1	6	5	5	6	0	3								
	06	10089	33	31	28	14	13	66	6	02	2	6	5	5	0	0	3								
	09	10098	33	31	26	13	17	74	6	02	2	6	5	5	0	0	3								
	12	10087	34	31	25	12	11	66	6	02	2	6	5	5	0	0	3								
	15	10081	35	33	29	12	10	66	6	02	2	6	5	5	0	0	3								
	18	10080	36	33	27	12	11	66	8	02	2	8	5	5			3								
	21	10076	36	33	27	12	10	66	8	02	2	8	5	5			3			14	23	141	0002	37	32
03	00	10054	37	34	30	11	03	74	8	02	2	8	5	5			3								
	03	10038	37	36	33	13	05	66	8	02	2	8	5	4											
	06	10026	36	36	35	15	14	65	8	02	2	8	5	4											
	09	10017	36	35	36	16	17	58	8	60	2	8	0	3	2			3							
	12	10003	37	35	32	16	10	58	8	02	2	8	5	4			3								
	15	9992	36	35	33	17	09	58	8	02	2	8	5	4			3								
	18	9992	36	34	30	18	06	58	8	02	2	8	5	4			3								
	21	9983	33	31	27	21	03	58	7	02	2	7	5	4			4			18	22	188	0000	38	31
04	00	9974	34	32	28	28	09	66	5	03	2	5	5	4	0	0	5								
	03	9959	35	34	31	28	14	66	8	03	2	8	5	4			6								
	06	9949	36	34	31	28	17	66	8	02	2	8	5	4			6								
	09	9938	38	37	34	29	21	58	8	60	2	5	5	4	2		6								
	12	9919	38	37	35	28	19	58	8	60	6	8	0	4	2			6							
	15	9918	39	37	34	27	26	58	7	02	6	7	8	4			6								
	18	9932	38	37	35	27	15	58	7	02	6	7	8	4			6								
	21	9934	38	37	35	29	18	48	8	51	2	8	6	4			6			29	25	190	0000	39	33
05	00	9919	39	38	36	31	26	66	8	02	5	8	6	4											
	03	9892	41	40	39	31	30	61	8	02	6	8	5	5			7								
	06	9891	41	40	39	31	28	61	8	02	6	6	5	5	2		7								
	09	9879	41	41	41	32	26	48	8	50	5	8	5	3	2		7								
	12	9877	42	41	41	32	23	58	8	02	5	8	6	3			7								
	15	9860	42	42	41	32	26	61	8	02	2	6	6	3	2		7								
	18	9827	43	42	41	32	35	61	8	02	2	8	6	3			7								
	21	9835	36	36	35	27	19	61	8	21	6	8	6	4			6			31	49	476	0006	43	35
06	00	9855	37	35	32	28	23	66	3	01	8	3	1	5	0	0	6								
	03	9856	38	35	31	30	23	65	4	02	2	4	8	5	0	0	6								
	06	9846	37	35	32	30	24	66	4	02	8	8	3	5	7	0	6								
	09	9846	37	34	30	27	24	32	8	85	8	8	3	4	2		6								
	12	9838	37	35	32	28	20	66	6	02	1	5	2	5	7	0	6	6							
	15	9836	32	31	29	27	07	32	7	85	1	7	3	5			6								
	18	9842	34	33	31	27	26	66	5	02	2	8	2	5	0	0	6								
	21	9846	32	31	27	29	17	32	7	85	8	7	2	5	0	0	6			29	52	555	0006	38	29
07	00	9840	36	33	27	30	24	58	6	02	8	6	2	4	0	0	6								
	03	9814	36	35	33	32	26	58	8	60	2	8	2	4	1		6								
	06	9775	38	37	32	32	34	32	8	81	8	8	6	3			6								
	09	9743	38	38	38	32	33	48	8	50	2	8	6	4			6								
	12	9708	35	34	34	25	13	08	8	70	6	8	0		2										
	15	9713	34	33	31	27	13	66	8	22	7	3	5	4	2		6								
	18	9709	32	31	29	28	15	66	4	27	8	4	3	4	0	0	6								
	21	9701	31	31	31	30	17	66	6	26	8	6	2	4	0	0	6			31	53	474	0002	39	29
08	00	9704	29	28	26	29	30	16	8	85	8	8	2	4			6								
	06	9728	34	31	25	28	30	48	6	02	8	6	2	4	0	0	6								
	09	9704	35	33	28	31	26	58	8	85	2	8	2	4			6								
	12	9581	39	39	39	35	39	32	8	63	6	3	7	4	2		8	8							
	15	9547	39	38	37	32	35	58	6	25	6	6	2	4	0	0	7								
	18	9531	38	38	38	33	30	63	6	02	8	5	2	4	0	1	7								
	21	9529	38	38	38	31	28	32	8	83	8	8	2	4			7			34	68	487	0007	40	29
	03	9714	33	31	28	27	37	48	7	85	8	7	2	4			6								
09	00	9575	35	35	35	27	30	48	8	90	8	8	2	4			6								
	03	9685	32	31	29	21	20	58	8	85	8	8	2	4			5								
	06	9784	31	30	28	29	38	48	8	02	8	8	2	4			5								
	09	9849	32	29	23	29	35	58	4	26	8	4	2	4	0	0	5								
	12	9886	34	31	24	27	24	61	5	02	8	5	2	4	0	0	6								
	15	9922	32	30	27	28	23	58	6	85	8	6	2	4	0	0	5								
	18	9972	34	31	23	28	20	58	5	26	8	5	2	4	0	0	5								
	21	10001	35	33	27	27	18	61	5	03	2	5	5	6	0	0	6			29	68	638	0016	37	29

Results of Surface Observations,
MACQUARIE – Sep., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	00	10006	36	34	30	30	20	58	6	85	8	6	8	4	0	0	6								
	03	10010	36	36	36	30	16	58	8	02	2	8	5	5			6								
	06	10021	37	37	37	32	17	58	4	25	8	4	8	4	0	0	6								
	09	10034	38	37	35	32	18	61	7	02	2	7	5	5			6								
	12	10014	41	40	41	32	23	66	7	02	2	2	6	4	7	1	7								
	15	9987	42	42	42	32	26	58	7	15	2	6	6	3	7		7								
	18	9972	42	42	42	32	26	48	8	61	6	6	6	3	2		7								
	21	9974	43	42	41	31	31	48	8	60	6	3	6	3	2		7			31	43	382	0003	43	35
11	00	9990	41	40	40	30	25	61	7	02	6	7	5	4			6								
	03	9995	41	40	39	30	21	61	8	02	2	8	6	4			7								
	06	9994	41	40	39	31	19	58	8	50	2	8	6	3			7								
	09	9992	37	37	37	29	14	48	8	53	5	8	6	2			7								
	12	9990	38	38	37	30	14	58	8	61	6	8	0	4	2			7							
	15	10016	38	38	38	28	23	56	8	60	6	5	6	5	2		6								
	18	10057	38	35	30	28	23	61	7	01	1	3	5	5	7		6								
	21	10093	37	35	32	28	16	61	4	03	0	4	5	6	0	0	5			29	35	523	0011	42	36
12	00	10123	37	34	29	29	16	66	4	02	2	4	5	5	0	0	6								
	03	10129	37	34	29	29	23	66	6	02	2	6	5	5	0	0	6								
	06	10133	37	35	33	29	21	66	7	02	2	7	5	5			6								
	09	10133	38	36	33	29	24	66	7	02	2	7	5	5			6								
	12	10129	38	35	30	29	26	66	8	21	2	5	5	5	1		6								
	15	10128	38	35	31	29	28	66	7	02	2	6	5	6	7		6								
	18	10123	39	37	33	30	28	66	6	02	2	8	5	5	7	1	6			29	44	377	0009	41	36
	21	10126	40	38	36	30	30	66	8	02	2	8	5	5			6								
13	00	10121	40	39	36	29	30	66	7	02	2	7	5	5			6								
	03	10125	40	38	34	29	30	66	7	02	2	8	5	5			6								
	06	10137	40	39	37	29	24	66	8	03	2	8	5	5			6								
	09	10147	41	40	39	29	20	63	8	02	2	8	5	4			6								
	12	10144	41	40	39	29	23	58	8	02	2	8	5	4			6								
	15	10132	42	41	40	29	24	63	5	01	2	5	8	5	0	0	6								
	18	10130	41	40	39	31	25	66	7	02	2	7	8	4			6								
	21	10124	41	40	39	31	27	66	6	02	2	6	8	4	0	0	6			29	47	546	0000	42	39
14	00	10109	41	40	39	31	23	66	8	02	2	8	5	4			7								
	03	10104	41	40	40	31	26	66	7	01	2	7	5	4			7								
	06	10092	41	41	40	31	26	66	7	02	2	7	5	4			7								
	09	10079	42	41	40	31	24	66	7	02	2	5	8	4	7		7								
	12	10051	42	41	40	31	28	66	8	03	2	8	5	4			7								
	15	10020	41	41	41	31	29	48	8	80	8	8	6	3			7								
	18	10001	42	41	40	31	32	48	8	80	8	8	6	3			7								
	21	10001	39	38	37	28	28	58	8	80	8	8	6	3			6			31	43	553	0000	43	35
15	00	10032	35	34	32	19	16	58	6	85	8	6	8	5	0	0	5								
	03	10041	35	34	32	26	16	66	5	01	2	5	8	5	0	0	5								
	06	10052	35	33	33	27	16	48	5	85	2	5	8	5	0	0	5								
	09	10068	35	32	27	28	10	80	3	01	8	3	8	5	0	0	6								
	12	10057	38	36	33	28	10	80	3	02	0	3	2	5	0	0	6								
	15	10053	38	36	33	31	12	66	7	03	2	8	8	5			5								
	18	10053	34	34	34	27	10	58	8	85	8	8	8	4			5								
	21	10045	33	32	30	22	12	58	6	85	8	6	8	4	0	0	5			29	37	452	0004	39	32
16	00	10034	33	32	30	27	09	66	0	01	8	0	0	9	0	0									
	03	10026	32	31	29	20	04	66	0	02	0	0	0	9	0	0									
	06	10035	33	32	31	25	08	66	4	03	2	3	8	5	3	0	5								
	09	10037	34	33	32	29	04	80	3	27	8	2	2	5	3	0	5								
	12	10033	36	33	27	28	12	66	8	02	2	8	5	5			6								
	15	10033	35	33	29	28	17	66	8	02	8	8	5	5			6								
	18	10034	36	34	30	28	18	58	8	02	8	8	8	4			6								
	21	10037	36	34	30	28	17	58	8	02	2	8	8	4			6			27	34	147	0004	38	32
17	00	10035	37	34	29	28	16	66	7	02	8	7	5	5			6								
	03	10038	38	36	33	28	16	58	8	60	2	8	0	4	2										
	06	10047	38	37	35	28	17	61	8	02	6	8	5	4			6								
	09	10052	38	37	35	28	17	61	8	50	5	8	5	4			6								
	12	10049	40	39	35	29	17	66	7	01	2	7	5	4			6								
	15	10044	38	38	37	29	24	32	8	50	5	8	5	3			6								
	18	10047	39	39	38	29	17	32	8	50	5	8	5	3			6								
	21	10045	40	39	39	30	17	32	8	20	5	8	6	3			7			29	31	301	0001	41	36
18	00	10032	39	38	37	31	17	58	8	02	5	8	5	4			7								
	03	10012	39	38	36	32	23	61	4	01	2	5	8	5	0	0	7								
	06	9994	40	38	36	32	23	74	7	02	8	5	8	5	7		7								
	09	9986	40	39	38	32	24	58	8	60	2	8	0	4	2		7								
	12	9973	40	40	40	31	30	58	8	61	6	3	7	3	2		7								
	15	10005	37	35	32	26	13	74	7	15	6	3	8	4	7		6	7							
	18	10045	35	33	29	25	11	74	7	02	2	7	5	4			5		6						
	21	10070	37	32	22	28	10	74	7	02	2	7	5	5			5			27	42	435	0001	41	35

Results of Surface Observations,
MACQUARIE – Sep., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	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	10088	37	35	32	27	14	66	6	02	2	6	5	5	0	0	6								
	03	10088	37	34	29	29	17	66	7	02	2	7	5	5			6								
	06	10080	38	35	30	31	24	63	8	02	2	8	5	5			6								
	09	10062	39	37	34	32	29	66	8	02	2	8	5	5			6								
	12	10017	41	39	37	33	32	66	8	02	2	6	5	5			7	6							
	15	9994	42	41	40	32	30	66	7	02	2	5	5	4	2		7								
	18	9978	42	41	40	31	30	56	8	60	6	5	7	3	2		7	6							
	21	10014	39	36	31	28	22	66	3	02	1	3	5	4	0	0	6			34	45	368	0009	42	36
20	00	10038	38	35	30	27	22	66	4	02	2	4	5	4	0	0	6								
	03	10048	37	35	32	27	17	66	5	02	2	5	5	4	0	0	6								
	06	10057	38	36	33	29	18	66	3	01	2	3	5	4	0	0	6								
	09	10059	39	36	31	30	22	66	7	02	1	7	5	5			6								
	12	10044	41	39	38	33	23	74	6	02	2	6	5	5	0	0	6								
	15	10029	42	41	40	32	19	56	8	02	2	8	6	2			7								
	18	10018	42	41	41	33	22	48	8	02	2	8	6	2			7								
	21	9993	42	41	40	33	26	48	8	02	5	8	5	5			7			34	38	512	0001	43	37
21	00	9968	42	41	40	33	32	48	8	02	2	8	6	3			7								
	03	9941	42	41	40	33	33	48	8	02	2	8	6	3			7								
	06	9957	34	33	31	27	24	16	8	71	7	8	0	2	2		7								
	09	9981	39	35	31	29	32	66	4	01	2	4	2	5	0	0	6								
	12	10000	41	36	28	29	26	66	5	02	2	5	3	5	0	0	6								
	15	10023	39	34	25	29	26	66	3	03	2	3	3	5	7	0	6								
	18	10040	38	34	27	29	23	66	7	03	2	7	5	5			6								
	21	10062	38	34	27	30	22	66	7	02	2	7	5	6			6			29	48	530	0007	42	33
22	00	10067	37	35	32	28	21	60	8	02	2	8	5	4			6								
	03	10071	37	35	32	29	18	58	8	02	2	8	5	4			6								
	06	10071	37	36	34	31	20	63	7	02	8	7	5	4			6								
	09	10074	39	37	34	30	20	63	7	02	2	7	5	4			6								
	12	10068	38	38	37	30	26	58	5	26	2	5	8	5	0	0	6								
	15	10090	38	35	31	28	26	66	8	03	8	8	2	6			6								
	18	10112	37	34	28	27	26	66	3	01	8	3	2	6	0	0	6								
	21	10146	37	34	28	27	26	66	2	02	0	2	2	6	0	0	6			29	48	429	0001	42	35
23	00	10163	37	33	26	29	24	74	3	02	1	3	5	6	0	0	6								
	03	10182	37	34	29	28	19	74	5	02	1	5	5	5	0	0	6								
	06	10196	37	35	32	29	20	66	7	02	2	7	5	5			6								
	09	10207	38	34	26	28	19	74	7	02	2	7	5	5			6								
	12	10208	39	35	28	29	17	74	8	02	2	8	5	5			6								
	15	10204	39	34	25	28	20	74	4	01	2	4	5	6	0	0	6								
	18	10209	40	37	32	31	18	74	6	02	2	6	5	6	0	0	6								
	21	10215	40	39	38	34	14	66	3	01	8	3	5	6	0	0	7			29	38	456	0001	40	36
24	00	10212	40	39	38	34	11	74	2	02	0	2	5	6	0	0	7								
	03	10208	40	39	38	36	11	74	0	02	0	0	6	9	0	0	7								
	06	10206	41	40	39	35	17	66	6	03	1	6	5	6	0	0	7								
	09	10207	42	42	40	35	17	74	7	02	2	7	5	6			7								
	12	10202	44	43	42	35	19	66	4	01	2	3	5	7	4	0	7								
	15	10196	43	42	41	35	19	66	8	02	2	8	5	5			7								
	18	10194	43	42	41	35	19	56	8	02	2	8	6	4			7								
	21	10192	43	43	43	35	19	16	8	50	2	8	6	2			7			34	32	341	0000	45	39
25	00	10182	43	43	43	34	22	48	8	02	2	8	5	3			7								
	03	10173	43	43	43	34	26	48	8	02	2	8	5	3			7								
	06	10169	43	42	41	34	25	58	7	02	2	7	5	3			7								
	09	10162	44	43	40	34	22	58	6	01	2	4	5	5	0	8	7								
	12	10149	45	43	40	35	22	66	4	02	1	3	5	5	0	8	8								
	15	10145	44	43	42	34	25	58	7	03	2	3	6	4	0	8	7								
	18	10147	43	43	43	34	23	56	8	02	2	7	5	4			7								
	21	10151	43	43	43	35	24	32	8	51	2	8	6	2			8			34	35	471	0000	45	42
26	00	10154	43	43	43	35	20	16	8	50	5	8	6	2			8								
	03	10146	43	43	43	35	14	06	8	45	4	8	6	0											
	06	10138	43	43	43	34	17	06	8	45	4	8	6	0											
	09	10135	43	43	43	34	21	32	8	10	4	8	6	2			8								
	12	10125	45	44	43	34	22	63	4	02	1	2	6	2	0	1	8								
	15	10112	44	43	42	35	12	32	8	03	2	8	6	2			8								
	18	10098	43	43	43	36	14	01	8	51	4	8	6	0			8								
	21	10070	44	44	44	35	21	04	8	51	5	8	6	0			8			36	30	467	0002	45	42
27	00	10053	43	43	43	34	17	05	8	53	5	8	6	0											
	03	10044	43	43	43	33	17	05	8	51	5	8	6	0											
	06	10041	42	42	42	33	17	05	8	51	5	8	6	0											
	09	10054	42	42	42	30	12	16	8	10	4	8	6	0											
	12	10059	41	41	41	31	10	04	8	61	6	8	6	0			7								
	15	10071	39	39	39	25	10	16	8	50	4	8	6	1			5								
	18	10104	36	34	30	21	13	58	8	02	2	8	5	4			4								
	21	10141	36	33	27	18	11	66	7	02	2	7	5	4			4			34	30	421	0005	43	35

Results of Surface Observations,
MACQUARIE – Sep., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	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	10158	37	33	26	19	11	66	3	02	2	3	5	5	0	0	5								
	03	10170	35	31	23	22	02	74	3	02	2	3	5	5	0	0	5								
	06	10180	35	31	24	24	02	80	3	02	2	3	5	5	0	0	6								
	09	10185	38	33	22	28	02	80	2	01	0	2	5	5	0	0	6								
	12	10185	41	36	27	33	09	74	4	03	0	4	5	5	0	0	6								
	15	10172	40	36	29	34	10	74	8	03	1	8	5	5			6								
	18	10167	39	35	28	35	15	74	8	02	2	8	5	5			6			36	25	168	0003	41	34
	21	10161	39	36	31	35	18	66	8	02	2	8	5	5			6								
29	00	10139	39	37	33	36	16	74	4	01	2	4	5	5	0	0	8								
	03	10121	39	37	33	36	11	66	6	02	2	6	5	6	0	0	8								
	06	10102	41	38	33	01	16	80	7	02	2	7	5	6			8								
	09	10077	42	40	37	36	14	74	5	01	2	2	5	6	7	1	8								
	12	10038	45	43	41	02	13	63	7	03	2	3	6	2	5		1								
	15	10003	43	43	43	03	15	24	8	51	5	8	6	0			7								
	18	9984	42	42	42	34	17	63	7	01	5	3	6	2	2		7			36	31	319	0000	45	39
	21	9991	42	41	42	33	20	66	6	02	5	6	5	5	0	0	7								
30	00	9996	42	40	38	32	16	66	4	01	2	4	5	5	0	0	7								
	03	9996	41	41	41	35	09	66	4	02	2	2	5	5	0	0	7								
	06																								
	09	9989	45	44	43	01	14	48	4	01	5	2	6	2	7	0	8								
	12	9964	44	44	44	02	17	04	8	47	2	8	6	0											
	15	9944	44	44	44	02	17	32	8	52	5	6	6	2	2		8								
	18	9923	44	44	43	02	20	32	8	50	5	8	6	2			8			34	35	327	0002	46	40
	21	9928	42	42	42	33	21	58	8	02	5	8	6	3			7								

Results of Surface Observations,
MACQUARIE – Oct., 1960

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	9953	42	41	40	33	11	58	8	02	2	8	6	3			7									
	03	9968	42	41	40	33	15	58	8	02	2	8	6	4			7									
	06	9972	42	42	42	35	19	63	8	02	2	8	5	5			7									
	09	9978	43	42	41	34	21	63	8	02	2	8	5	5			7									
	12	9998	40	38	36	29	17	66	7	01	2	7	5	5			6									
	15	10009	41	39	36	31	17	66	2	01	1	2	5	5	0	0	6									
	18	10014	41	40	39	33	18	66	7	03	1	7	5	5			7									
	21	10015	42	42	42	33	18	48	8	50	5	8	6	2			7				34	31	421	0002	44	41
02	00	10014	42	41	40	34	27	32	8	50	5	8	6	2			7									
	03	10034	41	40	39	28	25	56	8	50	5	8	6	3			6									
	06	10069	38	37	35	25	18	58	8	60	5	8	6	3			5									
	09	10120	41	37	30	28	19	66	1	03	8	1	2	4	0	0	5									
	12	10150	42	38	33	29	17	66	1	02	0	1	5	5	0	0	6									
	15	10175	41	39	35	29	17	66	3	03	0	1	5	5	5	0	6	6								
	18	10182	40	39	38	33	16	66	4	02	0	3	5	5	7	1		6								
	21	10186	40	40	39	33	16	66	2	02	0	1	5	5	7	0	7	6			29	41	416	0005	43	37
03	00	10180	41	40	39	32	19	66	7	02	1	7	5	5	3	0		6								
	03	10168	41	41	41	32	20	66	7	02	2	7	5	5			6									
	06	10166	42	41	40	33	21	58	8	03	2	8	5	5			6									
	09	10163	43	42	41	34	21	66	5	01	2	5	5	5	0	0	6									
	12	10153	44	43	42	33	17	56	7	02	2	5	5	5	0	0	7									
	15	10142	42	42	42	33	19	61	7	02	2	5	5	5			7									
	18	10134	42	42	42	33	20	16	8	10	2	5	8	6	0		7									
	21	10134	42	42	42	34	19	16	8	21	5	8	6	0			7				34	28	393	0000	44	41
04	00	10128	42	42	42	34	22	32	8	02	2	8	6	1			7									
	03	10112	43	42	41	34	23	48	8	02	2	8	6	1			7									
	06	10106	43	42	41	34	23	58	8	02	2	8	5	5			7									
	09	10106	43	43	43	34	21	58	8	02	2	7	5	5			7									
	12	10092	44	43	42	35	23	58	8	02	2	6	5	3	2		7									
	15	10084	43	43	41	35	21	61	8	02	2	6	5	4			7									
	18	10075	43	42	42	35	18	48	8	51	2	8	6	3			7									
	21	10072	43	43	42	35	23	48	8	50	5	5	5	4			7				36	36	430	0000	44	42
05	00	10063	43	43	42	34	20	58	7	02	2	7	5	4			7									
	03	10051	43	42	41	34	20	63	8	01	2	2	5	4	0	7	7									
	06	10036	43	42	41	34	18	63	7	02	2	1	6	5	0	6	7									
	09	10021	44	43	42	35	18	66	6	02	2	2	5	4	0	8	8									
	12	9997	43	43	43	35	19	05	8	47	2	8	6	0	1		8									
	15	9977	43	43	43	34	24	32	8	02	5	8	6	1	0		7									
	18	9966	43	43	43	34	20	09	8	60	2	8	6	0	3	2			9		34	33	487	0000	44	39
06	00	9973	39	38	38	18	15	48	8	02	6	8	5	2	4			4								
	03	9976	37	36	34	18	14	66	7	02	2	7	5	4	4			4								
	06	9989	35	35	34	18	07	66	8	02	2	8	5	4	4			0								
	09	9999	35	34	33	15	01	66	8	02	2	8	5	4	4			0								
	12	9996	35	34	32	15	01	66	8	02	2	8	5	4	4			0								
	15	9987	36	35	33	36	04	74	8	02	2	8	5	4	4			0								
	18	9981	37	36	35	34	09	58	8	02	2	8	6	3	3			0								
	21	9972	38	38	38	34	13	32	8	51	5	8	6	3							18	21	319	0007	40	34
07	00	9956	40	39	39	35	10	32	8	50	5	8	6	3			7									
	03	9944	40	40	40	35	10	06	8	47	2	8	6	3	0		7									
	06	9940	41	41	41	33	13	48	7	01	2	7	6	2	4		7									
	09	9945	43	42	41	34	15	66	7	02	2	5	5	4	3		7	7								
	12	9945	44	43	42	34	10	66	8	02	2	8	5	4	4		7									
	15	9953	41	41	41	29	11	06	8	45	4	8	6	0	4											
	18	9966	39	38	37	28	03	66	4	01	4	2	6	2	7	0	6	6								
	21	9977	39	39	39	33	02	74	5	02	1	3	5	6	1	0	6	6			29	22	212	0000	45	39
08	00	9973	41	40	40	33	09	66	1	01	1	1	6	2	0	0										
	03	9973	41	41	41	32	09	60	8	03	1	8	6	2			7									
	06	9979	41	41	41	33	10	66	8	02	2	8	6	2			7									
	09	9985	43	43	42	33	13	63	7	15	1	7	6	4			7									
	12	9994	44	42	39	29	07	74	2	02	0	1	2	4	3	0	6	6								
	15	10001	44	41	37	27	04	74	2	03	0	1	5	7			6									
	18	10011	40	36	29	21	02	74	2	01	0	1	5	7	3	0	5	5								
	21	10026	39	37	34	18	04	80	3	03	0	3	5	7	0	0	4				31	23	208	0000	46	38
09	00	10021	37	35	32	16	18	80	2	02	0	2	0	4	3	0										
	03	10014	37	35	32	16	19	80	2	02	0	2	0	5	3	0										
	06	10014	37	35	32	14	23	80	7	03	2	6	5	5	3	1										
	09	10012	37	35	33	15	23	80	7	02	2	7	5	5	3			3								
	12	10000	38	37	35	14	23	74	8	02	2	8	5	5				3								
	15	9985	38	37	35	14	28	66	8	02	2	8	5	5				3								
	18	9976	38	38	38	14	26	58	8	50	5	8	5	4				3								
	21	9951	39	39	39	14	27	48	8	61	6	8	7	2				3			14	31	214	0000	40	37

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	w	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	00	9944	40	40	40	14	17	32	8	61	6	8	0	3	2										
	03	9925	40	40	40	15	02	09	8	50	6	8	6	0											
	06	9912	42	42	42	35	10	61	8	02	5	8	6	2											
	09	9897	44	44	44	01	15	32	8	50	5	8	6	2											
	12	9866	45	45	45	01	18	03	8	61	5	8	6	2			8								
	15	9810	44	44	44	35	30	32	8	02	6	8	6	2			7								
	18	9807	42	41	40	32	26	60	5	01	2	5	6	3	0	0	7								
	21	9819	42	41	40	33	21	66	4	02	1	4	6	4	0	0	7			34	43	301	0037	46	40
11	00	9817	42	41	41	32	20	74	0	01	0	0	0	9	0	0									
	03	9809	41	40	39	33	17	74	1	01	2	1	0		0	0									
	06	9807	41	40	40	34	10	58	1	02	0	1	8		0	0									
	09	9810	43	42	41	34	05	61	5	05	0	4	0	9	3	2									
	12	9803	44	42	40	31	07	61	6	03	1	5	5	0	2	1	7								
	15	9800	43	41	38	31	08	58	7	60	2	4	5	4	2	0	7								
	18	9809	41	40	39	29	02	56	8	50	5	8	6	4			7								
	21	9821	40	40	40	31	03	32	8	51	5	8	6	4			6			34	26	446	0005	45	40
12	00	9839	40	39	39	17	10	32	8	60	6	8	0	4	2										
	03	9857	40	39	39	17	14	32	8	61	6	8	0	4	2										
	06	9896	39	38	38	17	23	61	8	02	6	8	5	4											
	09	9925	38	36	34	16	26	66	8	02	2	8	5	4			4								
	12	9969	36	33	29	17	27	63	8	02	5	8	5	4			4								
	15	10009	33	31	25	16	25	63	7	02	2	7	5	4			4								
	18	10042	32	29	25	16	19	66	7	02	2	7	5	4			4								
	21	10078	32	29	23	14	16	66	7	02	2	7	5	5			4			18	37	152	0015	41	31
13	00	10100	31	29	25	17	05	66	7	02	2	7	5	5			3								
	03	10114	32	29	23	36	02	66	7	02	2	7	5	5			8								
	06	10120	33	29	21	34	10	66	7	02	2	7	5	5			7								
	09	10123	36	33	27	32	17	66	8	02	2	8	5	5			7								
	12	10101	40	36	31	34	20	66	6	01	1	4	5	5	7	0	7	6							
	15	10095	41	39	36	34	23	66	8	02	2	8	5	5			7								
	18	10073	41	40	40	33	24	32	8	61	6	8	0	3	2			7							
	21	10059	42	41	39	34	23	58	8	02	5	8	6	4			7			36	34	349	0000	43	30
14	00	10046	43	42	41	34	28	58	8	02	2	8	6	3			7								
	03	10022	43	43	43	34	25	48	8	50	5	8	6	2			7								
	06	10011	43	43	43	34	21	08	8	53	5	8	6	0											
	09	9999	44	43	42	34	26	32	8	50	5	8	5	4			7								
	12	9983	44	43	43	34	21	58	8	02	5	8	5	4			7								
	15	9988	39	39	38	19	13	32	8	61	5	2	7	4	2		4								
	18	10008	37	37	35	28	08	66	6	01	6	4	5	4	7	1	5	6							
	21	10027	39	38	38	29	09	66	1	01	0	1	5	4	0	0	6			36	35	550	0003	44	37
15	00	10031	40	39	38	33	14	74	1	02	0	1	5	4	0	0	7								
	03	10024	42	41	40	33	22	58	8	03	0	8	6	2			7								
	06	10038	42	41	40	31	18	66	8	02	2	8	5	5			7								
	09	10048	44	43	42	31	22	48	8	02	2	8	5	5			7								
	12	10057	45	43	41	31	19	61	5	05	2	4	8	5	0	0	6								
	15	10064	44	42	41	31	17	66	8	05	2	6	5	5	3		6								
	18	10066	42	42	42	33	17	58	8	50	2	7	5	4			6								
	21	10068	42	42	42	33	16	58	8	02	2	8	6	3			7			34	30	333	0008	45	40
16	00	10064	43	42	41	32	22	48	8	50	2	8	6	3			7								
	03	10056	43	42	41	32	21	48	8	50	5	8	6	2			7								
	06	10064	42	42	42	32	18	32	8	50	5	8	6	2			7								
	09	10062	43	43	43	33	22	58	8	02	2	8	5	5			6								
	12	10063	45	44	43	33	21	61	4	01	1	2	6	3	7	4	7								
	15	10048	44	42	40	33	18	61	8	03	2	7	5	5			7								
	18	10034	43	43	42	34	16	09	8	47	2	8	6	0											
	21	10028	43	42	42	34	15	16	8	10	5	8	6	2			7			34	28	404	0000	45	42
17	00	10004	42	42	42	36	09	08	8	45	6	8	6	0											
	03	9979	42	42	42	34	14	08	8	45	4	8	6	0											
	06	9945	43	43	43	34	22	58	8	50	4	8	6	2			7								
	09	9895	45	44	44	34	26	32	8	61	6	2	7	3	2		7	7							
	12	9840	47	45	44	34	33	56	8	02	6	8	5	4			7								
	15	9814	45	45	44	34	35	48	8	61	6	4	7	2	2		7								
	18	9809	45	44	43	32	45	48	8	80	8	8	7	3			7								
	21	9868	41	39	37	30	30	58	7	02	2	7	7	4			6			34	60	372	0003	47	39
18	00	9913	39	38	37	29	17	32	8	50	2	8	6	4			6								
	03	9930	38	37	35	27	04	56	8	50	5	8	6	4			6								
	06	9964	38	37	35	20	09	63	7	01	5	7	6	5			6								
	09	9998	38	37	35	20	14	58	8	89	5	7	3	4	2		6								
	12	10021	40	37	33	26	06	74	7	02	2	7	8	5			5								
	15	10031	39	36	30	29	14	80	3	01	1	3	1	5	0	0	6								
	18	10039	38	36	32	31	21	80	6	03	1	5	5	4	7	1	6								
	21	10025	41	38	34	33	24	74	8	02	2	8	5	5			7			34	43	561	0009	42	36

Results of Surface Observations,
MACQUARIE — Oct., 1960

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND																			
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
												AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	00	9984	42	40	37	32	33	66	8	03	1	8	5	4			7								
	03	9938	42	41	40	32	40	48	8	60	2	5	7	3	2		7								
	06	9898	42	42	42	32	40	32	8	61	6	4	7	3	2										
	09	9892	43	41	39	31	30	58	8	02	5	8	8	5			6								
	12	9878	42	39	34	30	38	48	8	80	2	8	8	4			6								
	15	9871	41	37	30	29	35	48	8	80	8	8	8	4			6								
	18	9855	39	36	31	29	36	60	4	01	8	4	2	4	0	0	6								
	21	9853	37	35	32	29	37	66	4	02	8	4	2	4	0	0	6			29	70	545	0009	43	35
20	00	9836	38	36	32	29	35	61	7	27	8	7	2	5			6								
	03	9835	35	35	35	29	37	58	7	26	8	7	2	4			6								
	06	9865	36	34	30	29	37	61	7	02	2	7	4	4			6								
	09	9907	36	33	28	29	35	32	8	86	8	8	9	4			6								
	12	9938	36	33	27	29	20	58	8	02	8	8	8	4			6								
	15	9964	36	35	33	27	18	58	7	88	8	7	2	4			5								
	18	9980	34	33	30	29	23	63	6	87	8	6	9	4	0	0	6								
	21	10004	35	35	35	28	32	48	8	85	8	8	9	4			6			29	67	681	0006	39	31
21	00	10014	35	31	22	27	28	66	7	02	2	7	2	4			6								
	03	10009	33	31	28	28	19	66	7	02	8	7	2	4			6								
	06	9999	31	31	31	29	24	05	8	85	8	8	3	4			6								
	09	9994	36	33	28	28	24	66	7	89	8	7	2	4			6								
	12	10006	38	34	26	28	31	66	6	85	8	6	9	5	0	0	6								
	15	10042	38	33	23	27	27	66	6	02	2	6	8	4	0	0	6								
	18	10060	38	34	26	29	32	66	7	02	2	7	8	4			6								
	21	10083	38	34	26	28	28	66	8	02	2	8	8	4			6			29	53	521	0005	39	31
22	00																								
	03	10106	38	36	32	30	23	66	7	02	1	4	5	5	7		6								
	06	10096	40	40	40	31	24	56	8	50	2	8	6	3			7								
	09	10091	43	42	42	32	24	56	8	02	5	8	6	3			6								
	12	10080	43	43	43	32	26	48	8	02	2	8	6	3			6								
	15	10066	43	43	43	31	28	32	8	50	5	8	6	2			6								
	18	10065	43	43	43	31	29	32	8	50	5	8	6	2			6								
	21	10069	43	43	43	31	28	32	8	50	5	8	6	2			6			31	42	517	0001	44	38
23	00	10065	43	42	42	32	26	32	8	02	5	8	6	3			7								
	03	10066	42	42	42	32	28	58	8	02	2	8	6	3			7								
	06	10072	43	43	42	32	23	58	8	02	2	8	6	3			7								
	09	10063	43	43	43	32	23	56	8	02	2	8	6	2			7								
	12	10069	43	43	43	32	21	16	8	10	2	8	6	1			7								
	15	10075	43	43	43	32	20	08	8	45	4	8	6	0			7								
	18	10082	42	42	42	32	12	06	8	45	4	8	6	0			7								
	21	10083	42	42	42	32	11	08	8	50	5	8	6	1			7			31	40	638	0000	43	42
24	00	10072	42	42	42	33	18	08	8	51	5	8	6	1			7								
	03	10053	43	43	43	33	22	08	8	61	6	8	0	1	2			7							
	06	10036	43	43	43	33	21	32	8	61	6	8	0	1	2			7							
	09	10043	43	43	43	30	19	16	8	10	6	8	6	2			6								
	12	10060	44	42	40	29	22	66	7	02	1	5	5	5	7	2	6	7							
	15	10071	43	42	42	32	17	66	7	02	2	7	5	4			7								
	18	10086	42	41	41	29	22	66	7	02	5	5	5	3	7		6								
	21	10110	39	37	34	29	21	66	3	01	2	3	5	5	0	0	6			29	34	484	0023	44	38
25	00	10121	40	39	38	30	18	66	2	02	0	2	5	4	0	0	6								
	03	10128	41	40	39	31	21	66	4	03	0	4	5	5	0	0	6								
	06	10124	41	41	40	31	24	66	7	03	2	7	5	5			6								
	09	10111	43	43	43	32	25	58	8	03	2	8	5	5			6								
	12	10100	43	43	43	32	26	58	8	02	2	8	6	2			7								
	15	10100	43	43	43	32	24	16	8	10	5	8	6	2			7								
	18	10104	43	43	43	31	24	16	8	50	2	8	6	2			7								
	21	10106	43	43	43	32	24	32	8	02	2	8	6	2			7			34	40	452	0000	44	39
26	00	10097	43	42	41	32	18	32	8	02	2	8	6	3			7								
	03	10086	43	42	41	32	19	32	8	02	2	8	6	3			7								
	06	10081	43	43	43	32	16	58	3	01	2	1	6	3	3	0	7								
	09	10067	45	44	43	33	26	63	4	02	0	4	0	3	4	0									
	12	10051	46	43	40	34	23	63	1	01	0	0	0	3	0	1			7						
	15	10021	45	44	43	33	25	56	8	03	1	8	6	2			8								
	18	9998	43	43	43	33	12	10	8	50	4	8	6	0											
	21	9981	43	42	41	31	13	63	6	01	4	3	5	5	4	0	6			36	34	550	0000	47	42
27	00	9968	42	41	40	33	17	60	6	03	1	6	5	5	0	0	7								
	03	9966	43	42	41	33	18	48	8	03	2	8	5	5			7								
	06	10003	40	38	35	28	15	48	8	21	6	3	6	2	2		6	6							
	09	10031	42	39	34	28	17	60	1	01	1	1	6	4	0	0	6								
	12	10041	43	39	33	30	17	66	7	03	1	7	8	5											
	15	10048	43	39	32	30	16	80	0	01	0	0	0	9	0	0									
	18	10047	41	39	36	35	10	80	4	03	0	3	0	9	4	1									
	21	10038	42	41	40	35	14	74	8	03	2	8	5	6			7			29	30	398	0012	44	37

Results of Surface Observations,
MACQUARIE – Oct., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	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	10001	43	42	41	35	21	32	8	53	5	8	6	2			8								
	03	9974	43	42	41	35	23	32	8	61	6	8	0	2	2		8								
	09	9933	44	44	44	35	26	16	8	50	5	8	6	2			8								
	12	9917	44	43	42	31	24	56	7	01	2	7	5	4	3		7								
	15	9954	38	36	34	20	23	48	8	50	5	8	6	4			5								
	18	10014	35	33	29	20	26	66	8	02	8	7	5	5	3		5								
	21	10072	35	30	21	20	22	74	4	01	2	4	2	6	0	0	4			20	46	431	0008	45	33
	06	9958	43	42	41	35	23	32	8	60	6	8	6	2			8								
29	00	10110	35	31	23	20	17	66	6	02	2	6	5	5	0	0	4								
	03	10143	35	32	27	23	04	66	7	02	2	7	5	5			4								
	06	10155	37	34	29	26	04	66	6	02	2	6	5	5	0	0	5								
	09	10172	39	36	31	29	10	66	7	02	2	7	5	5	7		6								
	12	10166	41	37	32	32	16	66	7	02	2	7	5	5			6								
	15	10156	40	38	35	32	19	66	7	02	2	7	5	5			7								
	18	10151	40	39	38	33	24	66	8	02	2	8	5	5			7								
	21	10138	41	41	40	34	24	66	8	02	2	8	5	5			7			34	34	381	0000	42	33
30	00	10123	42	41	41	34	25	66	8	02	2	8	5	4			7								
	03	10101	42	42	42	34	26	66	8	02	2	8	5	4			7								
	06	10085	42	42	42	34	24	58	8	02	2	8	5	4			7								
	09	10066	43	43	42	34	26	58	8	02	2	8	5	3			7								
	12	10046	43	43	43	33	26	56	8	02	2	8	5	3			7								
	15	10025	43	43	41	33	23	56	8	02	2	8	5	3			7								
	18	10003	43	42	41	34	21	48	8	02	2	8	6	2			7								
	21	9977	43	42	41	33	21	48	8	02	2	8	5	3			7			34	36	520	0000	44	39
31	00	9936	44	42	41	34	25	63	7	02	2	7	5	4			7								
	03	9902	43	43	42	34	26	32	8	61	6	8	0	2	2			7							
	06	9887	43	43	43	34	25	48	8	61	6	8	0	2	2			7							
	09	9871	44	44	44	34	24	56	8	02	5	8	6	2			7								
	12	9867	43	43	43	32	17	48	8	02	2	8	5	4			7								
	15	9869	45	43	40	32	16	66	1	01	1	1	6	4	0	0	7								
	18	9875	42	40	38	29	22	66	7	02	2	7	5	4			6								
	21	9902	38	37	36	24	13	66	6	02	2	6	5	4	0	0	5			34	38	570	0016	45	36

Results of Surface Observations,
MACQUARIE – Nov., 1960

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
		iib × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
01	00	9935	35	35	33	18	10	66	5	26	2	5	2	4	0	0	4								
	03	9943	36	35	31	16	13	66	7	02	2	5	5	5			4								
	06	9956	37	35	32	17	13	66	8	02	2	8	5	5			4								
	09	9969	37	35	32	16	15	66	8	02	2	8	5	5			3								
	12	9968	38	35	30	14	14	66	7	02	2	7	8	5			3								
	15	9974	38	35	30	14	15	74	6	02	2	6	8	5	0	0	3								
	18	9985	36	33	29	15	14	74	7	02	2	7	6	5			3								
	21	9997	35	32	26	14	16	74	8	02	2	8	6	5			3			16	21	311	0001	39	32
02	00	10004	35	31	24	13	11	74	7	02	2	7	5	5			3								
	03	10011	34	31	24	15	10	74	8	02	2	8	5	5			3								
	06	10022	34	31	24	16	11	74	8	02	2	8	5	5			3								
	09	10033	35	32	25	14	05	74	8	02	2	8	5	5			3								
	12	10039	37	33	25	13	06	80	7	02	2	7	5	5			3								
	15	10043	37	33	27	14	02	80	7	02	2	7	5	6			5								
	18	10044	36	33	27	00	00	80	8	02	2	8	5	6			5								
	21	10052	35	32	26	29	02	80	8	02	2	8	5	6			5			14	17	197	0000	38	32
03	00	10054	36	33	27	33	04	74	8	02	2	8	5	5											
	03																								
	06	10046	39	35	29	00	00	74	7	02	2	7	5	5											
	09	10044	40	37	32	01	10	74	8	02	2	8	5	5			7								
	12	10030	40	40	40	01	16	48	8	10	2	8	6	3			8								
	15	10014	43	42	42	33	19	48	8	50	5	8	6	2			8								
	18	10006	43	42	42	34	17	32	8	10	5	8	6	2			8								
	21	9998	43	42	42	34	22	32	8	50	2	8	6	2			7			34	30	114	0000	43	35
04	00	9980	43	43	43	33	23	16	8	60	2	8	0	0	2			7							
	03	9987	39	38	37	29	16	48	8	02	2	8	6	3			7								
	06	9992	40	36	31	29	21	74	7	02	5	7	5	4			7								
	09	9991	42	38	32	31	22	74	6	01	1	4	6	5	3	1	7								
	12	9981	43	41	41	33	17	66	8	02	2	5	5	5	7		7								
	15	9971	41	40	39	33	18	58	8	50	5	8	5	4			7								
	18	9949	42	41	40	35	17	63	8	01	5	4	5	4	2		7								
	21	9922	42	41	41	35	25	58	8	50	2	8	5	3			8			36	33	422	0001	45	37
05	00	9909	38	37	36	27	10	32	8	61	6	8	0	3	2										
	03	9914	38	37	36	28	11	48	8	61	6	8	0	4	2			6							
	06	9930	39	36	31	28	11	74	7	01	8	3	1	4	7	1	6								
	09	9944	42	37	29	29	14	80	1	01	1	1	1	4	0	0	6								
	12	9950	43	39	32	32	17	66	4	03	0	3	1	5	0	1	6								
	15	9943	43	39	33	32	16	66	6	02	8	4	2	5	0	4	7								
	18	9949	40	38	35	33	21	66	7	16	1	4	8	5	1		7								
	21	9941	38	37	36	33	22	32	7	80	8	7	8	4			7			31	32	402	0013	45	33
06	00	9928	40	38	36	32	19	66	4	02	1	4	8	4	0	0	7								
	03	9919	39	37	34	31	23	74	6	16	1	6	8	4	0	0	7								
	06	9912	40	38	34	31	19	74	3	01	1	1	8	4	7	1	7	6							
	09	9911	43	40	35	31	22	80	5	02	2	3	8	4	7	1	7	6	6						
	12	9913	41	39	36	31	22	74	7	02	2	4	8	4	7		6	6	6						
	15	9915	41	38	34	29	20	66	7	02	2	7	8	5			6								
	18	9909	41	39	37	31	19	66	7	02	2	5	5	5	7	1	6	6							
	21	9885	41	41	41	34	24	32	8	50	5	8	6	4			7			34	39	434	0001	43	37
07	00	9856	43	42	42	32	26	48	8	60	6	8	0	9	2			7							
	03	9828	43	43	42	32	30	48	8	61	6	8	0	9	2			7							
	06	9809	43	43	43	32	33	48	8	60	6	3	6	2	2		7	7							
	09	9792	43	43	43	32	30	48	8	60	6	4	6	2	2		7	7							
	12	9787	43	42	41	32	22	61	8	01	6	4	5	4	2		7	6							
	15	9779	43	42	41	33	22	61	7	02	2	5	5	4	7		7	6							
	18	9767	42	42	42	33	19	66	7	02	6	7	8	4			7								
	21	9759	41	40	39	33	22	66	7	02	2	7	2	4			7			31	51	581	0015	44	39
08	00	9742	40	39	38	31	35	58	8	02	8	8	2	3			7								
	03	9781	39	38	37	30	30	58	7	02	8	6	2	4	3		7								
	06	9806	37	37	37	28	28	58	6	02	8	6	2	4	0	0	6								
	09	9830	36	35	33	30	24	58	7	85	8	7	2	4			6								
	12	9835	40	36	30	30	21	74	5	01	8	5	8	5	0	0	6								
	15	9839	35	35	32	29	17	74	6	88	8	6	9	4	0	0	6								
	18	9844	37	35	34	27	18	74	4	01	8	4	9	4	0	0	6								
	21	9849	37	35	30	29	14	74	3	02	2	3	9	4	0	0	6			31	52	513	0010	41	33
09	00	9850	36	34	30	28	18	63	6	02	2	5	9	4	3	0	6								
	03	9856	36	33	27	28	18	63	7	02	8	7	9	4			6								
	06	9858	37	35	32	26	10	66	5	01	2	3	2	4	0	1	6								
	09	9860	38	36	33	31	06	60	7	87	2	7	2	4			6								
	12	9862	41	38	32	32	12	74	4	01	1	3	1	4	3	1	6								
	15	9863	39	38	37	33	12	61	8	50	2	8	5	4			6								
	18	9868	40	39	38	29	21	66	6	01	8	6	8	4	0	0	6								
	21	9878	40	39	38	30	21	66	4	02	2	4	8	4	0	0	6			29	32	400	0003	43	34

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°f	°f	°f	° × 10	kt	VV	Oktas	ww	w	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
10	00	9867	40	40	40	33	21	32	8	50	2	8	5	4			7								
	03	9865	42	41	40	31	24	61	8	02	5	8	5	4			7								
	06	9885	41	37	31	29	29	66	2	01	2	2	2	5	0	0	6								
	09	9911	42	38	32	29	29	66	3	02	0	3	1	5	0	0	6								
	12	9923	43	38	30	29	30	74	5	03	1	2	8	5	7	0	6	6							
	15	9944	42	38	31	29	25	66	6	02	2	3	8	5	7	0	6	6							
	18	9941	39	37	35	31	22	58	8	50	2	4	6	6	2		6	6							
	21	9924	41	40	39	34	17	48	8	50	5	5	6	3	2		6	6		29	52	443	0005	43	35
11	00	9885	43	42	41	33	26	48	8	02	5	8	6	3			7								
	03	9853	43	42	42	33	33	48	8	02	2	8	6	2			7								
	06	9867	41	37	31	29	26	66	7	01	6	3	1	5	2		6								
	09	9873	42	37	30	31	22	66	6	02	2	1	1	5	7	0	6	6							
	12	9865	42	38	31	29	22	74	3	01	8	1	1	5	0	2	6		6						
	15	9863	42	37	28	29	26	66	3	01	8	3	1	5	0	0	6								
	18	9863	39	36	32	30	24	74	2	02	2	2	1	5	0	0	6								
	21	9875	37	35	32	29	22	66	7	01	8	7	8	5			6			31	50	651	0003	44	34
12	00	9878	38	35	30	30	28	66	6	02	8	6	8	5			6								
	03	9885	38	35	31	29	26	61	6	16	8	6	3	5	0	0	6								
	06	9902	35	35	35	29	21	66	4	02	8	4	2	5	0	0	6								
	09	9928	40	35	25	29	24	66	5	02	8	5	8	5	0	0	6								
	12	9940	41	35	23	28	21	74	4	16	8	4	8	5	0	0	6								
	15	9943	41	36	27	30	18	74	4	02	1	3	8	5	0	1	6		6						
	18	9946	41	37	32	32	20	74	6	02	2	5	4	5	0	8	6		6						
	21	9944	41	40	38	34	20	66	7	02	2	2	0	9	1	8		6	6	29	55	517	0002	42	31
13	00	9929	42	41	40	34	20	66	3	02	2	3	5	5	0	0	7								
	03	9911	42	41	40	34	17	66	8	02	2	5	5	4	1		7								
	06	9903	43	42	41	34	09	66	6	02	2	2	5	4	7	0	7								
	09	9892	43	43	43	02	13	56	8	20	2	8	6	2			2								
	12	9856	43	43	43	01	13	48	8	61	6	8	0	9	2			8							
	15	9809	43	43	43	13	03	56	8	51	6	3	7	2	2		3	8							
	18	9774	42	42	42	16	10	56	8	61	6	3	7	2	2		3	8							
	21	9735	41	41	41	15	22	48	8	61	6	8	0	3	2					18	35	392	0000	45	41
14	00	9701	41	40	40	17	30	32	8	61	6	8	0	2	2										
	03	9709	40	39	39	19	32	32	8	61	6	8	0	3	2										
	06	9757	40	39	37	20	30	56	8	61	6	8	0	3	2										
	09	9818	38	37	35	20	30	56	8	50	6	8	0	4	2										
	12	9869	38	34	27	20	23	63	7	02	5	7	5	5			4								
	15	9916	38	34	26	23	15	66	7	02	2	7	5	5			5								
	18	9952	37	34	29	22	10	66	6	02	2	6	8	5	0	0	5								
	21	9993	36	33	27	21	20	66	5	02	2	5	5	5	0	0	5			20	49	351	0059	41	35
15	00	10018	36	33	28	26	17	66	8	02	2	8	5	5			5								
	03	10049	35	31	25	21	13	66	8	02	2	8	5	5			5								
	06	10078	35	32	25	19	13	66	8	02	2	8	5	5			4								
	09	10112	37	34	27	20	13	66	8	02	2	8	5	5			5								
	12	10126	40	37	32	26	05	66	7	02	2	7	8	5			5								
	15	10142	41	38	33	29	05	66	6	16	2	6	8	4	0	0	5								
	18	10160	38	37	34	24	04	66	6	16	8	5	8	4	3	0	5	5							
	21	10174	37	36	35	28	13	58	8	80	8	8	8	4			5			25	35	293	0001	43	35
16	00	10181	37	36	34	28	14	58	7	50	8	7	8	5			5								
	03	10187	37	35	33	28	15	66	8	02	8	8	2	5			6								
	06	10195	38	36	33	28	11	66	6	01	2	6	5	5	0	0	6								
	09	10204	40	37	32	28	12	74	8	02	2	8	5	5			6								
	12	10205	43	40	36	30	16	74	7	02	2	7	5	5			6								
	15	10211	43	41	39	29	13	74	7	02	2	7	8	5			6								
	18	10214	41	39	36	31	10	74	6	01	2	6	5	6	7	0	6								
	21	10217	41	39	36	30	12	63	7	80	2	7	2	5			6			29	28	216	0003	44	34
17	00	10207	40	40	40	32	13	56	8	50	2	8	6	3			7								
	03	10196	41	41	41	32	14	58	7	01	2	6	6	3	0	1	7								
	06	10195	42	41	41	33	16	66	8	02	2	8	5	5			7								
	09	10190	44	43	42	33	17	66	7	01	1	3	6	2	3		7	7							
	12	10174	45	44	43	33	17	66	5	02	2	2	6	2	3	2	7	6	6						
	15	10160	45	44	43	31	19	74	6	02	2	2	6	2	3	1	7	6	6						
	18	10155	43	43	43	33	16	66	7	02	1	6	5	4	7		7								
	21	10149	43	43	43	34	15	66	7	02	2	7	5	4			7			34	26	296	0000	46	39
18	00	10122	43	43	43	34	22	66	6	02	2	4	5	4	7	0	7	6							
	03	10101	43	43	43	34	22	63	8	50	5	8	6	3			7								
	06	10081	43	43	43	35	17	66	7	02	2	7	5	4			7								
	09	10057	45	44	43	36	20	66	8	02	2	3	5	7	1		7								
	12	10022	45	44	44	35	23	61	8	02	2	4	5	5	1		7								
	18	9982	44	44	44	34	29	32	8	51	5	8	6	2			8								
	21	9975	44	44	44	34	24	32	8	61	5	8	0	2	2		8			36	39	413	0001	46	42
	15	9991	44	44	44	35	26	32	8	51	2	8	6	2			8								

Results of Surface Observations,
MACQUARIE — Nov., 1960

| LOCAL STANDARD TIME | | | TEMPERATURES | | | SURFACE WIND | | |

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	03	9926	40	39	37	29	23	74	5	80	8	5	2	5	0	0	6								
	06	9947	42	39	34	30	21	74	7	02	2	7	5	5			6								
	09	9959	44	41	37	31	15	74	8	02	2	8	5	5			7								
	12	9956	45	43	40	34	17	66	7	02	5	4	8	5	7		7	6							
	15	9942	45	44	42	01	21	65	6	02	2	1	5	5	3	0	8								
	18	9898	45	45	45	02	26	48	8	52	5	8	5	3			8								
	21	9864	45	45	45	34	21	16	8	50	6	8	6	2			8			02	42	440	0015	46	39
	00	9909	42	40	38	32	20	61	1	01	6	1	5	5	0	0	7								
29	00	9843	44	44	44	34	22	56	8	02	5	8	6	3			7								
	03	9836	44	44	44	34	22	58	6	02	2	4	6	3	0	0	7								
	06	9826	45	44	43	35	24	61	5	01	6	1	6	4	0	0	7								
	09	9807	46	43	40	34	28	61	5	02	2	5	5	6	0	0	7								
	12	9805	45	42	38	32	28	66	6	02	2	5	5	5	3	0	7	7							
	15	9813	44	43	42	34	17	56	7	80	2	7	8	4	2		7								
	18	9825	42	40	37	29	17	66	7	02	8	7	5	4			7								
	21	9855	39	38	36	29	17	32	8	50	2	8	5	4			7			34	39	473	0014	47	37
30	00	9864	39	35	30	28	22	58	8	02	6	8	5	4			6								
	03	9876	39	36	31	29	16	66	8	15	2	6	8	4	2		6	7							
	06	9895	40	38	35	28	13	66	8	15	2	3	8	4	7		6	7							
	09	9913	40	38	36	27	13	74	8	02	2	5	8	4	2		5	6							
	12	9933	40	38	35	29	12	58	8	50	2	7	8	4	2		6								
	15	9951	39	38	36	29	12	66	7	27	2	7	8	4			6								
	18	9975	38	37	35	25	04	66	7	02	8	7	8	4			5								
	21	10006	37	36	34	25	09	58	7	26	8	7	8	4			5			29	30	377	0004	42	35

Results of Surface Observations,
MACQUARIE — Dec., 1960

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	10019	38	37	35	23	05	48	8	87	8		8	8	4			5								
	03	10038	37	36	34	28	02	48	8	87	8		8	8	4			5								
	06	10047	38	37	35	30	07	32	8	87	8		8	8	4			5								
	09	10059	41	37	30	28	11	63	8	02	2		8	5	5			5								
	12	10054	44	41	36	31	16	66	7	02	2		4	8	5	1	1	7								
	15	10043	42	41	38	33	17	60	8	50	2		6	6	6	2		7								
	18	10028	42	42	42	33	17	48	8	50	5		8	6	2			8								
	21	10023	43	43	43	31	13	32	8	51	5		8	6	2			7			33	30	183	0003	45	34
02	00	10030	41	41	41	29	16	56	8	50	5		8	6	2			6								
	03	10049	41	40	39	25	10	48	8	50	5		8	6	3			6								
	06	10067	41	40	39	23	05	48	8	02	5		3	6	3			5								
	09	10085	40	40	40	24	07	48	8	50	5		3	6	3			5								
	12	10099	41	40	39	28	10	61	8	02	5		8	5	4			6								
	15	10101	41	40	40	29	08	66	8	02	2		8	5	4			6								
	18	10109	42	41	40	29	08	74	8	02	2		8	5	5			6								
	21	10114	41	41	41	30	07	16	8	10	5		8	6	0			7			29	30	301	0007	44	37
03	00	10114	43	43	43	32	07	32	8	50	5		8	6	4			7								
	03	10118	43	43	43	33	09	48	8	50	5		8	6	3			7								
	06	10120	44	43	42	34	10	48	8	02	2		8	6	3			7								
	09	10126	45	45	45	33	07	48	8	02	2		8	6	3			7								
	12	10123	46	45	44	33	16	63	7	01	2		7	8	3			7								
	15	10118	45	45	44	35	14	66	8	02	2		8	5	8			7								
	18	10115	44	44	44	35	14	66	8	02	2		2	6	2			7								
	21	10111	44	44	44	35	17	58	8	60	6		2	6	3			7			35	23	209	0001	47	41
04	00	10102	44	44	44	34	17	58	8	62	6		5	7	2	2		7	7							
	03	10108	43	43	43	32	09	48	8	62	6		6	7	2	2		7	7							
	06	10109	43	43	43	32	10	58	8	02	6		3	7	2	2		7	7							
	09	10111	44	44	44	34	09	58	8	60	6		3	7	2	2		7	7							
	12	10110	45	45	45	34	10	66	8	02	6		2	6	3	2		7								
	15	10105	45	44	44	34	14	58	8	02	2		2	6	2	2		7								
	18	10097	44	44	44	34	14	04	8	47	2		8	6	0			7								
	21	10107	43	43	43	34	10	04	8	45	4		8	6	0			7			34	23	337	0013	46	41
05	00	10104	43	43	43	29	10	48	8	50	5		8	7	2			6								
	03	10109	43	43	42	27	04	48	8	02	5		8	7	1			6								
	06	10116	43	43	43	29	02	58	8	02	2		8	7	4			6								
	09	10127	44	43	42	29	05	66	8	02	2		7	5	4			6								
	12	10125	46	45	44	29	16	66	7	02	2		7	5	3			6								
	15	10126	45	45	45	32	12	58	7	02	2		7	5	4			6								
	18	10125	45	44	42	29	14	66	8	02	2		8	6	4			6								
	21	10130	43	43	43	29	12	61	8	02	2		8	6	4			6			32	25	205	0004	47	40
06	00	10127	43	43	43	32	11	04	8	44	4		8	6	0			6								
	03	10125	43	43	43	32	10	05	8	44	4		8	6	2			6								
	06	10132	43	43	43	29	05	14	8	10	2		8	5	4			6								
	09	10132	44	44	42	32	07	66	7	02	2		7	5	4			6								
	12	10139	47	45	43	34	07	60	4	01	0		2	6	2		1	6								
	15	10118	46	45	44	34	10	56	8	03	1		8	6	2			6								
	18	10115	44	44	44	32	07	32	8	02	2		8	6	1			6								
	21	10109	44	44	44	34	10	00	8	46	4		8	6	0			6			34	21	259	0001	48	40
07	00	10099	43	43	43	33	19	06	8	44	4		8	6	0											
	03	10087	44	44	44	34	13	48	8	60	4		4	7	2			7	7							
	06	10087	45	45	45	34	12	10	8	43	4		8	6	0											
	09	10085	45	45	45	34	12	08	8	44	4		8	6	0											
	12	10081	45	45	45	34	12	16	8	61	6		8	6	1											
	15	10081	46	46	46	34	07	16	8	61	6		8	6	1											
	18	10082	45	45	45	33	03	08	8	61	6		8	6	0											
	21	10088	43	43	43	17	11	08	8	61	6		8	6	2						18	28	269	0006	46	41
08	00	10089	41	40	38	19	19	48	8	61	6		0													
	06	10113	43	41	38	17	05	66	5	01	1		3	8	5											
	21	10153	41	40	39	00	00	66	4	01	0					3					20	21	369	0046	48	38
	03	10102	41	40	39	18	09	66	8	60	6		1	2												
	15	10130	46	42	36	28	05	66	6	02	0		3	1	5			6								
	18	10139	45	43	40	26	08	66	6	02	8		4	2	4			6								
	12	10126	47	43	38	29	08	66	4	02	0		2	1	5			6								
	09	10120	46	42	36	18	05	74	2	01	1		2	8	5											
09	00	10154	42	40	37	00	00	66	8	02	2		8	5	7											
	03	10161	41	40	39	00	00	66	8	01	1		2	5	5											
	06	10165	43	41	38	32	01	66	5	02	2		5	5	5											
	09	10170	45	43	40	29	09	66	4	02	8		4	2	6											
	12	10172	47	43	38	29	09	80	4	02	1		4	1	5			7								
	15	10177	47	43	38	32	09	80	1	02	1		1	1	5			7								
	18	10190	45	42	38	22	02	66	0	02	0		0													
	21	10199	39	38	37	00	00	80	0	02	0		0								32	21	097	0002	48	37

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
10	00	10199	39	38	37	00	00	74	0	01	0	0													
	03	10196	41	40	39	33	04	74	1	02	0	1	5	6											
	06																								
	09	10182	47	44	40	34	16	66	3	02	2	1	1	5	3		7								
	12	10162	47	45	43	34	16	65	7	03	2	5	5		7		7	7							
	15	10143	46	44	41	33	19	80	8	02	2	0			7										
	18	10113	46	44	41	34	24	80	8	02	2	2	5	5	7		7								
	21	10092	46	45	44	35	21	66	8	03	2	3	5	5	7		8			34	36	160	0000	48	35
11	00	10060	45	45	45	34	29	63	8	58	6	5	5	5	7		8	8							
	03	10033	46	46	46	34	30	11	8	60	6	8	7	3			8								
	06	10022	47	46	45	34	26	58	8	03	6	8	7	3			8								
	09	10001	47	45	43	34	24	58	8	03	2	8	7	3			8								
	12	9987	47	46	45	34	23	58	8	03	2	8	7	3			8								
	15	9965	48	47	45	34	20	63	8	05	2	3	6	4	1	6	8	8							
	18	9941	48	46	44	34	26	58	8	05	2	6	5	5	7		8	8							
	21	9924	47	46	45	34	28	58	8	03	2	8	7	3			8			34	49	520	0007	49	41
12	00	9882	48	46	44	34	38	58	7	05	2	4	7	4	7	8	8	7							
	03	9863	47	45	43	33	45	48	8	05	2	8	7	4			7								
	06	9883	45	43	40	32	45	48	8	09	2	8	5	4			7								
	09	9953	44	41	38	31	39	63	7	05	2	6	5	5	4		6	6							
	12	9994	45	42	38	31	34	66	3	05	2	3	5	5			6								
	15	10016	46	43	39	32	27	66	3	05	2	3	5	5			6								
	18	10027	44	43	41	31	26	78	6	03	1	1	5	5	3	8	6	6	6						
	21	10030	44	43	43	34	23	66	6	03	2	1	5	5	7	8	6	6	6	34	71	480	0000	49	40
13	00	10010	45	45	44	34	26	58	8	03	2	2	7	4	2		8	7							
	03	9986	45	45	44	34	26	48	8	61	6	6	7	3	2		7	7							
	06	10010	44	44	44	29	18	63	7	15	6	4	7	3	4		7								
	09	10022	40	39	38	30	14	69	8	61	6	5	7	4	2		7	7							
	12	10020	43	41	38	32	15	74	8	03	6	8	7	4			7								
	15	10017	44	41	38	34	12	74	7	03	2	7	5	5	3		7	7							
	18	10004	42	41	40	02	08	63	8	61	2	8	7	3			8								
	21	9988	45	43	40	32	25	63	8	03	6	8	5	4			7			31	43	761	0025	45	39
14	00	9991	44	43	42	32	20	66	6	03	2	6	5	5			7								
	03	9989	44	42	39	32	21	60	7	03	2	6	5	4	3		7								
	06	9983	44	41	38	34	26	66	7	03	2	7	5	5			7								
	09	9972	44	41	37	32	35	66	6	09	8	6	5	5			7								
	12	9972	44	41	36	32	37	66	7	03	2	7	5	5			7								
	15	9990	43	42	40	32	24	66	7	03	2	7	5	5			7								
	18	10008	41	40	39	29	18	66	7	25	8	7	8	4			7								
	21	10016	40	39	36	29	16	80	4	02	2	4	1	5			6			31	51	426	0014	48	39
15	00	10001	41	39	36	30	18	74	5	03	8	5	8	5			7								
	03	9961	42	40	38	33	23	74	8	02	2	8	5	7			7								
	06	9907	43	43	42	34	30	66	8	60	6	7	7	4			7								
	09	9842	41	41	40	33	27	60	8	61	6	8	7	3			7								
	12	9837	44	42	39	31	24	74	8	03	6	6	1	5		8	7		6						
	15	9837	42	42	41	30	28	58	7	80	2	7	8	5			7								
	18	9835	41	40	40	30	30	58	8	25	8	8	8	4			6								
	21	9833	42	41	40	30	26	58	8	03	8	8	8	4			6			34	57	525	0014	45	39
16	00	9800	41	40	40	32	25	48	8	61	6	3	7	4	2		7	7							
	03	9766	43	42	42	31	23	58	8	61	6	4	7	4	2		7	7							
	06	9770	42	41	41	30	23	66	7	03	6	7	8	4			7								
	09	9780	43	42	42	29	21	74	7	80	8	7	8	4	3		7	6							
	12	9838	42	40	36	20	13	66	8	80	8	8	8	4			5								
	15	9878	40	37	34	23	13	66	7	26	8	7	8	4			5								
	18	9924	38	37	35	25	12	66	4	26	8	4	8	5			5								
	21	9954	38	37	35	29	12	63	7	26	8	7	8	5			6			22	42	600	0022	45	34
17	00	9962	39	36	31	29	15	63	7	03	2	7	5	5			6								
	03	9961	40	39	38	32	23	66	8	03	2	8	8	5			6								
	06	9934	41	41	41	32	28	63	8	03	2	8	7	3			7								
	09	9946	44	42	39	29	24	74	7	25	8	7	8	4			7								
	12	9970	43	40	35	28	30	74	8	02	2	8	8	4			6								
	15	9996	43	39	33	29	28	74	8	02	2	8	8	4			6								
	18	10019	42	39	33	29	27	74	8	02	2	8	8	4			6								
	21	10035	42	39	34	29	25	66	8	03	2	7	4	5	3		7	6		29	44	355	0009	45	35
18	00	10032	42	39	36	29	25	66	6	03	2	5	4	5	3		6	6							
	03	10021	42	41	41	29	17	66	8	61	2	3	7	3	2		6	6							
	06	9999	43	42	42	33	16	48	8	53	5	8	6	2			7								
	09	9964	44	43	43	32	34	48	8	21	6	1	7	2			7	7							
	12	9942	46	44	41	32	28	74	4	03	6	4	8	5			7								
	15	9919	43	41	39	32	30	66	8	25	2	8	7	4			7								
	18	9909	41	40	37	29	35	58	7	03	8	7	8	4			7								
	21	9943	40	39	39	29	35	58	8	80	8	8	7	4	3		7			30	62	483	0011	49	39

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	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	10015	38	36	33	25	17	58	7	03	6	7	5	5			6								
	03	10061	39	36	31	25	19	58	7	03	2	7	8	4			6								
	06	10093	39	37	34	29	17	63	7	03	2	7	8	5			6								
	09	10114	42	38	32	29	19	66	7	03	2	7	5	4			6								
	12	10126	41	39	33	29	20	66	7	03	2	7	5	4			6								
	15	10135	41	39	36	29	28	66	6	15	2	6	5	4			6								
	18	10137	41	37	30	29	25	66	6	03	2	6	5	4			6		5						
	21	10131	41	37	30	29	24	66	8	03	2	8	7	4		8	6			29	55	544	0003	44	36
20	00	10105	40	39	38	32	26	58	8	60	2	8		3			6								
	03	10058	43	42	41	32	30	58	8	61	6	8		3			6								
	06	10047	43	43	43	32	23	58	8	21	6	8		2			7								
	09	10039	44	43	43	32	26	63	8	51	5	8	6	2			7								
	12	10036	45	44	43	32	24	66	8	02	2	8	6	2			7								
	15	10027	44	43	42	32	22	63	8	02	2	8	6	2			7								
	18	10010	44	44	43	34	17	32	8	51	2	8	6	1			7								
	21	9982	45	45	45	34	20	16	8	20	2						7			31	41	479	0007	46	38
21	00	9926	45	45	44	34	23	16	8	10	2	8	6	1			7								
	03	9871	45	45	45	34	26	32	8	63	6	8	7	2			7								
	06	9865	44	43	43	32	26	56	8	21	6	8	7	2			7								
	09	9889	44	42	38	34	24	66	4	01	1	8	7	5			7								
	12	9892	42	41	40	32	25	74	7	27	8	8	7	4			7								
	15	9901	43	41	38	29	23	74	7	03	2	7	8	5		4	6		6						
	18	9900	41	39	37	32	18	74	8	03	2	3	8	5	7	7	6	6	6						
	21	9879	39	38	37	34	21	66	8	61	2	8		5			6			31	50	524	0013	46	38
22	00	9808	39	39	39	36	19	48	8	63	6	3	7	2			7	7							
	03	9707	43	43	43	36	25	48	8	61	6	5	7	2			7	7							
	06	9634	43	43	43	34	24	48	8	61	6	6	7	2			7	7							
	09	9607	41	40	39	32	41	48	8	63	6	6	7	2			7								
	12	9610	40	39	38	32	50	16	8	61	6	6	7	2			7								
	15	9647	38	38	38	29	44	16	8	61	6	8	7	3			7								
	18	9694	37	36	34	29	52	16	8	21	6	8	7	3			7								
	21	9745	39	38	35	28	52	32	8	60	6	7	7	4	2		6			29	86	547	0024	46	36
23	00	9784	39	38	37	28	41	56	7	18	2	4	7	4	1		5								
	03	9816	39	37	34	28	26	74	6	02	2	4	1	4	3	8	5	5							
	06	9836	40	38	35	25	20	74	6	15	2	6	8	4		8	5		6						
	09	9837	42	36	33	30	16	80	4	02	2	3	1	5	3		6	6							
	12	9849	41	38	33	29	15	80	7	03	2	6	8	5		1	6								
	15	9848	41	38	33	29	12	80	7	03	2	3	8	5	7		6	6							
	18	9846	41	38	34	29	16	74	7	03	2	3	4	5	7		6								
	21	9842	40	38	35	32	10	74	8	03	2	3	2	5	7	7	6	6		34	31	761	0009	45	35
24	00	9817	35	35	35	32	14	32	8	68	6	8	7	2	7		7								
	03	9819	37	37	37	32	12	48	8	61	6	2	7	2	7		7	7							
	06	9824	39	38	37	32	04	74	7	01	6	3	5	5	4	1	7								
	09	9821	42	41	40	34	04	80	6	03	2	4	8	5		4	8	7	6						
	12	9823	42	41	40	32	06	80	7	15	2	3	5	6		6	7		6						
	15	9837	44	43	41	30	06	80	7	16	2	4	6	5		6	7		6						
	18	9864	41	40	38	31	10	80	5	15	1	5	4	5			7		5						
	21	9892	41	40	38	30	08	80	4	02	1	4	4	5			6			29	16	252	0010	45	34
25	00	9916	40	38	35	27	09	80	5	02	1	5	5	5			6								
	03	9945	40	38	35	29	11	80	5	02	1	5	5	5			6								
	06	9966	41	39	38	30	05	80	5	02	1	5	5	5			6								
	09	9894	44	42	39	32	11	80	6	03	1	5	5	5			6	6							
	12	9976	45	44	43	34	10	80	6	03	2	2	5	5			6								
	15	9960	44	42	40	36	18	82	7	03	2	8	5	6	3	6	6		6						
	18	9929	41	41	41	02	12	74	8	61	2	7	5	5		6	6		6						
	21	9894	42	42	42	36	07	16	8	63	2	8	3	5	5		8			02	33	257	0001	46	38
26	00	9877	43	43	43	32	21	16	8	21	6	8	6	3			7								
	03	9881	43	43	43	32	22	16	8	63	6	8	8	2			7								
	06	9896	43	43	42	32	36	58	8	21	6	8	8	5			7								
	09	9912	45	45	44	32	24	74	5	03	2	8	5	5			7								
	12	9917	46	46	45	32	26	80	6	03	2	8	5	5			7								
	15	9922	44	44	44	32	30	74	8	03	2	8	5	5	3	5	7	7	7						
	18	9942	43	42	42	32	26	74	8	03	2	8	5	5			7								
	21	9962	42	42	42	30	23	66	8	02	2	7	5	4			7			31	40	274	0046	47	41
27	00	9969	41	40	40	29	20	66	8	02	2	8	5	4			7								
	03	9961	42	42	42	33	08	74	8	50	5	3	5	4			7								
	06	9947	44	44	44	33	21	16	8	21	6	8	6	2	1		7	6							
	09	9928	45	45	44	33	18	08	8	44	6	8	6	1			7								
	12	9930	46	45	45	32	20	58	7	03	2	8	6	2			7								
	15	9921	44	44	44	32	23	16	8	51	5	7	6	2	3		7								
	18	9911	43	43	43	32	19	48	8	20	5	8	5	4			7								
	21	9914	42	42	42	29	21	66	8	02	2	8	5	4			6			34	34	420	0003	47	40

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LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	00	9920	41	41	41	29	16	74	2	02	1	2	8	4			6								
	03	9915	43	42	42	30	20	74	8	03	1	5	8	4		6	6		6						
	06	9901	42	42	42	30	24	74	8	25	8	8	8	4			6								
	09	9904	45	44	44	30	25	74	8	03	2	8	8	4			6								
	12	9902	43	42	42	30	26	48	8	63	2	8	8	4			6								
	15	9921	41	41	40	30	24	65	7	25	8	7	8	4			5								
	18	9969	41	41	40	25	12	66	8	25	8	8	8	4			5			29	55	446	0001	46	39
	21	10020	41	41	41	22	11	66	8	25	8	8	8	4			5								
29	00	10063	40	37	33	22	12	66	5	01	1	5	8	5			5								
	03	10084	40	38	35	25	09	66	5	01	1	5	5	5			5								
	06	10101	40	38	35	29	22	74	7	15	1	6	8	5	1		6	6							
	09	10121	42	39	35	26	09	80	7	02	2	7	5	6			4								
	12	10125	43	41	36	29	16	80	4	03	1	1	4	6			4		5						
	15	10132	43	41	39	29	08	80	8	02	2	1	5	6	3		6	5							
	18	10117	42	42	42	32	12	80	8	02	2	1	5	5	3	5	6	5							
	21	10096	43	43	43	34	17	80	8	03	2	8	5	4			7			30	40	335	0009	45	37
30	00	10059	43	43	43	34	17	66	8	03	2	8	5	4			7								
	03	10007	44	44	44	35	25	58	8	61	6	8	7	3			8								
	06	9974	45	45	45	35	25	56	8	51	6	8	6	2			7								
	09	9968	45	44	44	32	24	58	8	03	2	8	5	4			7								
	12	9967	45	44	42	30	24	66	8	05	2	5	5	4	3		6	6							
	15	9964	44	43	42	30	25	74	8	02	2	8	8	4			6								
	18	9969	43	41	38	29	25	74	7	02	1	6	5	4		8	6		6						
	21	9978	41	40	40	29	24	66	8	21	2	6	5	5		7	6		6	29	50	390	0008	46	38
31	00	9993	41	39	37	29	30	48	8	03	2	8	5	5			6								
	03	10009	40	39	38	29	33	60	7	03	2	7	5	5			6								
	06	10037	41	38	33	29	32	66	7	03	2	7	5	5			6								
	09	10055	41	39	36	29	27	74	7	02	2	7	8	5			6								
	12	10071	42	40	37	29	27	74	7	25	8	6	8	5	3		6	6							
	15	10079	42	41	40	29	26	74	6	02	2	6	8	5			6								
	18	10095	41	39	37	29	26	74	7	03	2	7	8	5			6								
	21	10112	40	38	35	29	24	60	8	03	2	8	4	5			6			29	49	287	0000	44	37

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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
		iib × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	02	9732	33		20	15	44	82	7	02	2	3	0	8	7										
	05	9729	30		19	15	41	82	7	02	2	3	0	8	7	0									
	08	9725	33		20	15	42	82	7	02	2	4	0	7	7	8									
	11	9734	35		22	15	39	82	7	02	2	5	0	9	7										
	14	9729	35		24	15	36	82	7	02	2	1	5	5	7										
	17	9726	33		21	15	39	82	7	02	2	6	0	7	7	8									
	20	9728	31		21	15	40	82	7	02	2	1	5	5	7										
	23	9740	29		19	15	32	82	6	02	2	5	0	7	4	2				14	69	1042		35	29
02	02	9742	29		16	15	39	82	7	02	2	6	0	7	7										
	05	9739	30		18	15	35	83	7	03	2	6	0	7	7	2									
	08	9739	32		18	15	38	83	7	03	2	7	0	7	7	2									
	11	9740	35		21	15	31	83	7	02	2	3	5	7	7	8									
	14	9728	37		21	15	31	83	5	01	1	1	5	7	7										
	17	9727	37		22	15	21	83	2	01	0	1	8	7	7	0									
	20	9715	35		19	15	23	83	1	02	0	1	8	7	4	0									
	23	9703	29		13	16	22	83	1	02	0	1	0	9	3	0				15	66	981		37	28
03	02	9704	26		11	18	22	83	1	02	0	1	0	9	3	1									
	05	9698	27		11	17	21	83	2	03	0	1	0	9	3	4									
	08	9696	31		13	16	23	83	3	02	1	1	0	9	3	8									
	11	9705	34		16	16	25	84	1	01	0	0	0	9	3	8									
	14	9715	35		17	16	25	84	1	02	0	0	0	9	0	1									
	17	9729	35		19	15	20	84	1	02	0	1	0	9	3	8									
	20	9738	32		15	16	22	84	1	02	0	1	0	6	0	0									
	23	9755	29		13	15	25	84	1	02	0	1	5	6	0	0				16	45	661		35	26
04	02	9771	29		16	15	19	83	7	03	2	1	5	6	7										
	05	9791	29		20	15	17	81	7	70	2	1	5	5	7										
	08	9800	33		22	15	21	81	7	15	2	6	0	4	7	2									
	11	9815	36		24	14	23	81	8	15	2	2	8	5	7										
	14	9826	39		25	15	25	81	8	15	2	1	8	5	9	8									
	17	9834	39		28	14	23	81	8	15	1	7	0	4	7	2									
	20	9858	36		30	36	05	81	7	15	1	1	7	4	7	6									
	23	9872	35		28	09	01	82	7	15	2	7	0	6	7					15	40	588		39	29
05	02	9886	35		24	18	04	82	7	02	2	7	0	6	7										
	05	9888	33		22	32	07	82	7	14	2	1	5	6	7	3									
	08	9884	35		19	15	20	83	6	01	2	1	5	6	3	3									
	11	9878	40		25	15	09	83	2	02	1	1	0	8	3	0									
	14	9871	37		25	00	00	84	1	02	0	1	0	8	0	0	8								
	17	9865	42		27	09	01	84	0	02	0	0	0	9	0	0	0								
	20	9861	39		28	00	00	84	0	02	0	0	0	9	0	0	0								
	23	9853	35		25	18	01	84	1	02	0	0	0	9	0	0	1				15	28	404		42	33
06	02	9846	32		20	18	15	84	1	02	0	0	0	9	0	0									
	05	9831	32		17	17	23	84	1	02	0	0	0	9	0	0	1								
	08	9818	32		17	16	24	84	1	02	0	0	0	9	0	0	1								
	11	9810	37		21	15	18	84	1	02	0	0	0	9	0	0	8								
	14	9809	36		25	08	10	84	3	03	0	1	0	9	0	0	8								
	17	9810	35		30	08	01	82	7	03	1	1	0	9	0	0	8								
	20	9808	33		28	08	01	40	7	02	2	6	0	9	0	0	8								
	23	9810	29		27	00	00	40	5	01	2	4	6	9	0	0	8				16	37	264		38	28
07	02	9815	25		24	28	01	84	1	01	1	1	5	4	0	8									
	05	9818	27		23	00	00	84	1	02	0	1	5	4	4	8									
	08	9820	29		19	31	01	84	3	02	0	1	5	5	3	8									
	11	9826	31		24	26	01	84	6	03	0	1	5	5	3	8									
	14	9833	33		23	27	01	84	1	01	1	1	0	6	0	0									
	17	9846	35		28	28	01	84	1	02	1	1	0	6	0	0									
	20	9858	33		29	29	01	84	1	02	0	1	0	6	3	0	1								
	23	9866	29		25	00	00	82	4	05	1	1	0	6	1	7	1				05	06	203		35	25
08	02	9880	27		24	00	00	81	8	02	2	4	6	2	0	3									
	05	9888	29		14	18	10	80	7	03	2	1	6	0	4	3	8								
	08	9893	29		12	18	20	82	7	03	2	6	5	0	9	3	1								
	11	9902	33		22	27	07	82	7	03	2	5	0	9	8	4	6								
	14	9908	32		23	27	04	82	7	05	2	1	0	9	4	0	8								
	17	9903	35		21	32	01	82	5	05	0	1	0	9	0	0	1								
	20	9899	35		27	10	01	83	0	02	0	0	0	9	0	0	9								
	23	9902	32		25	00	00	83	0	02	0	1	0	9	0	0	0				18	35	144		35	27
09	02	9901	25		11	18	26	83	0	02	0	0	0	9	0	0									
	05	9900	25		11	18	29	83	0	02	0	0	0	9	0	0	0								
	08	9897	29		15	18	23	83	2	03	0	1	0	9	3	8	8								
	11	9902	32		21	35	04	83	2	02	1	1	0	9	3	8	5								
	14	9898	34		21	28	01	83	1	02	1	0	0	9	3	8	7								
	17	9893	36		21	29	01	83	3	03	1	1	0	9	3	5	7								
	20	9891	38		21	14	01	83	8	03	1	2	1	9	5	0	7								
	23	9881	32		20	15	11	83	8	03	2	2	8	9	5	7	7				18	41	300		38	25

Results of Surface Observations, MAWSON – JAN., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	w	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
10	02	9868	30		17	16	21	83	7	00	2	6	0	6	7	8									
	05	9855	32		16	17	24	82	8	14	2	4	0	7	7	9									
	08	9841	32		18	16	26	82	8	14	2	8	0	7	7										
	11	9829	37		22	15	19	81	8	14	2	8	0	5	7										
	14	9828	38		23	13	16	81	8	02	2	7	0	5	7	8									
	17	9825	34		23	11	12	80	8	15	2	8	0	5	2										
	20	9819	33		24	11	11	40	8	70	7	8	0	4	2										
	23	9810	32		23	13	04	40	8	70	7	8	0	4	2					16	40	324		38	30
11	02	9804	31		19	15	17	81	8	02	7	2	5	5	7										
	05	9799	31		17	14	15	81	8	02	2	5	5	5	7										
	08	9802	32		18	05	01	82	8	02	2	2	5	5	7										
	11	9805	35		22	10	05	82	8	02	2	8	0	7	7										
	14	9814	38		23	07	01	82	8	02	2	8	0	8	7										
	17	9815	35		23	27	01	82	8	02	2	8	0	7	7										
	20	9817	35		23	26	01	82	8	02	2	8	0	7	7										
	23	9817	33		24	27	01	82	8	02	2	8	0	7	7					14	32	364		38	31
12	02	9819	33		23	16	16	82	8	02	2	8	0	8	7										
	05	9824	32		19	16	19	82	7	02	2	7	0	8	3										
	08	9834	32		18	15	19	83	7	03	2	7	0	8	3										
	11	9844	38		23	14	11	83	2	01	1	2	0	8	7										
	14	9860	35		23	26	02	84	1	02	0	1	5	8	3	2									
	17	9869	36		20	24	01	84	1	02	0	1	0	9	3	0									
	20	9881	37		20	18	01	84	1	02	0	1	0	9	4	0									
	23	9887	34		18	00	00	84	1	02	0	0	0	9	3	0				16	29	193		38	32
13	02	9891	29		18	00	00	84	1	02	0	1	0	9	3	0									
	05	9890	29		16	15	13	84	1	02	0	0	0	9	0	8									
	08	9881	31		15	14	17	84	1	02	0	0	0	9	0	8									
	11	9883	37		23	05	06	84	1	02	0	1	5	5	0	8									
	14	9883	34		25	25	03	83	4	03	1	1	5	5	0	5									
	17	9869	37		26	00	00	83	7	03	2	1	5	5	0	6									
	20	9860	34		22	10	13	82	8	03	2	1	5	5	7	6									
	23	9855	32		22	12	16	83	7	00	2	1	5	5	7	9				14	31	216		38	27
14	02	9834	30		18	12	24	83	5	00	2	1	5	5	7	0									
	05	9814	29		16	12	25	83	8	03	2	1	4	5	7										
	08	9806	29		15	12	31	83	8	03	2	1	5	5	7										
	11	9807	33		19	10	20	82	8	03	2	7	0	5	7										
	14	9805	35		23	09	16	83	7	01	2	1	8	5	7										
	17	9804	34		24	08	12	83	8	03	2	1	4	5	7										
	20	9808	31		26	05	03	24	8	71	2	2	6	2	7										
	23	9807	31		24	11	09	82	7	02	2	1	5	5	7					12	44	424		35	29
15	02	9791	28		17	14	21	82	7	01	2	1	5	5	7	8									
	05	9783	27		16	12	20	82	7	02	2	1	5	5	7	8									
	08	9774	30		17	12	19	83	7	01	2	1	5	5	7	8									
	11	9768	34		20	11	20	83	6	00	1	1	8	4	7	8									
	14	9777	36		25	08	17	84	7	02	2	1	8	3	7	6									
	17	9773	35		24	09	19	83	6	03	1	1	8	3	7	2									
	20	9774	33		25	08	09	81	7	03	2	1	8	4	7										
	23	9777	31		22	12	17	40	7	16	7	1	5	5	2					12	37	451		36	27
16	02	9778	30		21	13	21	40	8	16	2	8	0	4	2										
	05	9780	29		20	14	21	80	8	71	7	8	0	4	2										
	08	9783	28		19	14	21	80	8	70	7	1	5	5	2										
	11	9783	29		20	13	19	80	8	15	7	1	5	5	2										
	14	9783	32		20	12	15	80	8	15	2	1	8	4	7										
	17	9792	32		23	07	04	81	8	14	2	1	8	4	7										
	20	9798	32		23	00	00	81	8	02	2	1	8	4	7										
	23	9808	30		26	09	01	83	8	01	2	8	0	5	1					14	33	497		32	28
17	02	9804	29		18	14	12	83	8	03	2	1	8	5	2										
	05	9801	27		16	14	19	83	7	01	2	7	0	6	7										
	08	9804	28		14	14	21	83	6	01	2	6	0	7	7										
	11	9803	34		22	14	14	83	6	01	2	6	0	7	7										
	14	9802	37		21	05	04	84	2	02	1	1	0	8	7	1									
	17	9801	33		21	27	02	84	1	00	0	1	5	7	3	8									
	20	9802	33		20	25	02	84	5	02	2	1	5	7	4	8									
	23	9798	30		20	15	09	84	6	02	2	1	5	7	7	8				14	38	321		37	27
18	02	9800	26		14	15	14	84	2	01	1	2	0	8	5	0									
	05	9799	25		11	14	16	84	0	01	0	0	0	9	0	0									
	08	9796	28		13	14	13	84	0	02	0	0	0	9	0	0									
	11	9790	32		15	09	05	84	1	02	0	0	5	5	4	0									
	14	9789	31		18	30	01	83	1	02	0	1	1	5	3	0									
	17	9790	31		19	27	01	83	1	05	0	1	1	5	3	0									
	20	9786	33		21	33	01	84	1	02	0	1	8	5	4	0									
	23	9788	27		20	13	11	84	1	02	0	0	0	7	3	0				14	25	293		34	25

Results of Surface Observations,
MAWSON – JAN., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10^{-1}	°F	°F	°F	°×10	kt	VV	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	9793	25		17	14	16	83	5	03	1	5	0	7	3	0									
	05	9784	26		17	13	18	82	7	03	2	1	8	5	3										
	08	9783	28		19	13	17	82	7	02	2	1	8	4	7										
	11	9784	31		19	11	12	40	7	16	2	5	8	4	7										
	14	9792	33		21	08	09	81	8	15	2	5	8	4	7										
	17	9791	33		22	09	08	64	8	15	2	1	9	4	7										
	20	9787	30		19	11	19	81	8	02	2	4	5	5	7										
	23	9795	28		18	12	26	82	8	15	2	3	5	5	7					12	42	252		33	24
20	02	9806	29		17	13	31	82	8	15	2	2	5	5	7										
	05	9818	28		15	14	31	82	8	15	2	2	5	5	7										
	08	9828	29		16	14	29	80	8	15	2	5	5	5	7										
	11	9841	31		19	14	25	81	7	15	2	3	5	5	7										
	14	9853	33		20	13	20	81	7	14	2	3	5	5	7										
	17	9867	34		21	12	14	82	7	14	2	3	5	6	7										
	20	9883	32		21	13	13	83	6	01	2	1	5	6	7	0									
	23	9907	30		18	14	14	83	6	02	2	1	5	6	7	0				14	52	536		34	28
21	02	9921	27		15	15	12	83	1	01	1	1	5	6	0	0									
	05	9928	22		11	16	18	83	1	02	0	1	5	7	3	0									
	08	9933	28		14	15	11	83	1	03	0	1	5	7	0	0									
	11	9941	33		15	14	01	83	1	05	0	1	5	7	3	0									
	14	9946	34		20	00	00	83	1	05	0	1	5	7	4	0									
	17	9949	34		19	18	01	83	1	02	0	1	5	7	3	0									
	20	9940	31		20	32	01	83	5	03	1	1	8	5	3	0									
	23	9939	27		18	13	12	84	2	01	2	1	8	5	3	0				16	27	448		35	22
22	02	9939	24		14	15	14	84	4	03	0	4	8	5	0	0									
	05	9930	23		11	15	16	84	2	02	0	1	5	6	3	1									
	08	9922	24		10	14	23	84	2	02	0	1	8	5	3	0									
	11	9922	29		16	13	17	84	1	02	0	1	8	5	0	0									
	14	9925	33		17	10	11	84	1	02	0	1	8	5	3	1									
	17	9929	35		20	09	05	84	2	02	0	1	8	5	0	0									
	20	9932	34		20	05	04	84	1	02	0	1	8	5	0	0									
	23	9938	26		18	16	07	84	1	02	0	1	5	6	0	0				14	39	254		35	23
23	02	9941	23		11	15	16	84	1	02	0	1	5	6	0	0									
	05	9956	21		08	16	19	84	1	02	0	1	5	6	3	0									
	08	9963	24		08	14	23	83	1	03	0	1	5	6	1	0									
	11	9972	29		13	13	21	83	1	03	0	1	8	4	2	4									
	14	9984	31		17	08	19	82	7	03	1	1	8	4	2	6									
	17	9986	30		17	09	19	82	8	03	2	1	8	4	2										
	20	9994	28		16	10	13	82	8	03	2	1	8	4	2										
	23	9998	25		13	10	21	82	8	02	2	8	0	7	2					13	34	350		31	21
24	02	9986	24		11	12	29	82	8	02	2	8	0	7	2										
	05	9968	23		10	12	34	82	8	02	2	8	0	7	7										
	08	9966	25		11	12	31	82	8	02	2	8	0	7	7										
	11	9959	27		12	12	30	82	8	02	2	8	0	7	1										
	14	9953	31		14	12	24	82	8	02	2	8	0	7	1										
	17	9942	33		17	12	18	83	8	01	2	4	0	7	7										
	20	9925	30		15	11	16	83	7	02	2	7	0	7	7	7									
	23	9920	28		13	12	22	83	7	02	2	7	0	7	7					11	48	607		33	23
25	02	9890	28		13	12	26	83	7	14	2	7	0	7	7										
	05	9890	28		13	13	30	83	8	14	2	8	0	7	7										
	08	9894	32		16	13	26	83	5	01	2	4	0	8	7										
	11	9915	37		19	13	17	83	4	02	2	2	0	8	7	1									
	14	9932	41		22	12	12	84	1	01	2	1	0	8	7	9									
	17	9950	40		24	09	02	84	1	02	2	1	0	9	7	0									
	20	9951	35		20	13	13	84	1	02	2	1	0	9	3	1									
	23	9967	28		15	13	20	84	1	02	0	1	0	9	3	1				13	42	657		41	27
26	02	9963	25		12	13	25	84	3	03	0	3	0	9	3										
	05	9951	25		11	13	28	84	8	03	1	7	0	7	7	1									
	08	9941	27		13	13	23	83	7	03	1	1	5	5	7	8									
	11	9932	31		16	12	15	83	8	02	2	1	8	5	7										
	14	9922	33		21	05	07	83	8	02	2	1	8	5	7	8									
	17	9911	35		23	07	04	83	7	01	2	1	8	4	7	8									
	20	9897	32		23	27	01	82	7	02	2	1	8	5	7	8									
	23	9894	30		25	27	01	84	7	02	2	5	0	7	7	8				14	41	462		35	25
27	02	9889	28		18	15	16	84	6	02	2	4	0	7	7	8									
	05	9892	24		14	17	19	84	1	01	1	0	0	9	0	8									
	08	9885	26		12	17	15	84	1	02	0	0	0	9	3	8									
	11	9880	30		14	34	01	84	1	02	0	0	0	9	0	8									
	14	9876	31		19	27	02	84	1	02	0	0	0	9	0	5									
	17	9876	31		20	30	02	84	3	03	1	2	0	9	0	5									
	20	9879	30		22	29	01	84	7	02	2	1	0	9	0	8									
	23	9896	29		21	00	00	84	1	01	0	0	0	9	0	8				17	34	296		32	24

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
28	02	9914	27		13	14	18	84	1	02	0	0	0	9	0	5									
	05	9938	24		08	14	26	84	2	03	1	0	0	9	0	5									
	08	9960	27		11	13	25	84	8	03	2	1	5	6	0	7									
	11	9981	31		17	11	17	83	8	03	2	1	8	5	1										
	14	9995	31		22	10	17	80	8	05	2	8	0	7	7										
	17	10000	32		25	10	16	16	8	71	7	8	0	3	2										
	20	10002	31		25	12	18	08	8	71	7	8	0	3	2					14	40	244		32	24
	23	10004	31		24	14	15	82	8	01	7	8	0	5	2										
29	02	10012	32		22	15	13	82	8	01	2	8	5	6											
	05	10019	30		21	14	05	82	8	01	2	8	5	7											
	08	10024	32		19	00	00	83	8	01	2	1	5	7	3	7									
	11	10033	36		23	10	09	83	8	01	2	1	5	7	3	7									
	14	10033	37		23	10	14	82	8	03	2	1	5	7	1	7									
	17	10045	34		25	10	11	81	8	71	2	8	0	4	2										
	20	10046	31		25	05	08	08	8	71	7	8	0	2	2										
	23	10057	31		26	05	04	16	8	71	7	8	0	2	2					14	23	413		37	30
30	02	10046	31		25	09	11	16	8	71	7	8	0	4	2										
	05	10036	32		25	05	09	80	8	15	7	8	0	5	2										
	08	10026	33		25	10	07	80	8	15	7	8	0	5	2										
	11	10012	34		25	10	18	80	8	14	2	8	0	4	2										
	14	10009	32		25	08	11	16	8	71	7	8	0	4	2										
	17	10003	31		27	07	01	08	8	71	7	8	0	4	2										
	20	9982	34		26	11	04	04	8	71	7	8	0	2	2										
	23	9972	33		26	13	21	80	8	15	7	8	0	3	2					13	33	296		34	31
31	02	9960	33		25	12	16	80	8	15	7	8	0	4	2										
	05	9941	34		25	14	24	81	8	14	7	8	0	7	7										
	08	9932	36		25	14	30	81	8	15	2	8	0	7	7										
	11	9935	36		24	14	22	80	8	14	2	8	0	4	2										
	14	9933	38		26	14	18	80	8	14	2	8	0	5	2										
	17	9936	38		25	13	20	80	8	14	2	8	0	5	7										
	20	9926	35		24	14	30	80	8	14	2	8	0	5	7										
	23	9938	35		22	13	24	82	8	01	1	5	0	6	7	0				13	41	383		38	33

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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	9949	34		21	13	27	82	8	02	2	6	0	7	7	0									
	05	9947	33		20	13	23	82	8	02	2	6	0	7	7										
	08	9951	35		21	13	19	82	8	02	2	6	0	7	7										
	11	9961	35		22	00	00	82	8	02	2	6	0	7	7										
	14	9965	35		22	00	00	82	8	14	2	6	0	7	7										
	17	9955	34		24	00	00	82	7	02	2	6	0	7	7	8									
	20	9942	32		24	00	00	82	6	01	2	6	0	7	3	8									
	23	9922	33		20	14	22	82	8	03	2	6	0	9	3	7				14	39	592		36	32
02	02	9907	33		17	14	21	83	7	02	2	6	0	9	3	8									
	05	9888	33		17	14	18	84	5	02	2	2	0	9	3	0									
	08	9869	35		18	15	13	84	3	01	2	1	0	9	3	8									
	11	9849	38		21	31	04	84	1	01	2	0	0	9	7	8									
	14	9829	39		21	14	01	84	2	02	2	0	0	9	3	5									
	17	9810	41		23	04	02	84	3	02	2	0	0	9	3	9									
	20	9811	35		18	16	11	84	7	03	2	0	0	9	7	6									
	23	9799	28		13	15	26	84	3	01	1	0	0	9	4	2				14	40	268		41	28
03	02	9799	28		12	15	31	84	1	01	0	0	0	9	4	0									
	05	9802	25		10	16	26	84	1	01	0	1	0	9	4	0									
	08	9804	28		12	14	26	82	1	03	0	1	0	8	4	8									
	11	9820	32		16	14	18	82	1	03	0	1	0	8	0	0									
	14	9827	36		19	12	14	82	2	03	0	1	0	8	0	0									
	17	9840	35		19	12	19	82	6	03	1	1	0	8	4	0									
	20	9853	32		19	12	16	82	1	01	1	1	0	8	7	0									
	23	9880	26		16	14	20	82	3	03	1	1	0	8	3	0				14	58	476		36	25
04	02	9897	28		18	14	20	82	8	03	2	8	5	6	6										
	05	9899	30		17	14	19	82	7	01	2	2	5	6	6	0									
	08	9903	31		18	14	17	82	8	02	2	2	5	6	6	8									
	11	9898	35		23	12	18	82	8	02	2	2	5	6	6										
	14	9894	37		27	12	17	82	8	02	2	7	5	6	6	1									
	17	9895	35		30	09	07	16	8	71	7	7	5	6	5	7									
	20	9883	35		29	00	00	81	8	14	7	7	5	6	6	7									
	23	9870	34		29	21	03	82	7	01	2	3	5	6	7					14	35	517		37	26
05	02	9851	32		21	14	19	82	4	01	2	1	5	6	3	8									
	05	9847	30		17	14	24	83	2	02	2	1	5	5	7	0									
	08	9847	30		17	14	27	83	2	02	2	1	5	5	3	8									
	11	9859	37		22	11	12	83	1	02	2	1	5	5	0	8									
	14	9864	40		27	08	01	83	1	02	2	1	5	5	3	0									
	17	9871	37		27	26	01	83	1	02	2	1	8	5	0	0									
	20	9882	38		28	14	06	83	0	02	2	1	8	4	0	0									
	23	9906	32		23	14	17	83	1	02	2	0	5	6	0	0				14	38	399		40	29
06	02	9929	27		17	14	17	83	1	02	0	1	5	6	0	0									
	05	9931	25		14	14	20	83	2	03	0	2	5	6	0	0	2								
	08	9940	29		16	13	15	83	3	02	0	2	5	6	3	9									
	11	9940	35		22	14	20	83	3	02	0	2	5	6	3	1	2								
	14	9951	35		22	12	22	83	3	02	0	1	5	5	3	2	2								
	17	9952	34		21	13	19	83	7	03	1	3	8	5	3										
	20	9950	31		18	12	22	83	7	02	2	3	8	5	3										
	23	9952	29		15	14	23	82	4	01	2	0	5	0	7	0				14	43	339		36	25
07	02	9951	28		16	14	23	82	8	02	1	0	5	9	7										
	05	9948	27		13	16	17	83	6	02	2	1	5	6	7	0									
	08	9940	28		13	14	21	83	1	01	1	1	5	6	3	0									
	11	9935	32		16	14	21	83	1	02	1	0	5	6	4	0									
	14	9931	37		20	12	15	83	1	02	0	0	5	6	3	0									
	17	9936	38		22	09	01	83	0	02	0	0	5	6	0	0									
	20	9933	34		20	14	09	83	0	02	0	0	5	6	0	0									
	23	9935	25		11	14	20	83	0	02	0	0	5	6	0	0				14	38	579		38	25
08	02	9941	24		09	14	23	83	0	02	0	0	5	6	0	0									
	05	9945	25		09	14	21	83	0	02	0	0	5	6	0	0									
	08	9950	28		11	14	18	83	0	02	0	0	5	6	0	0									
	11	9953	31		14	13	22	83	0	02	0	0	5	6	0	0									
	14	9964	33		19	07	08	83	0	02	0	0	5	6	0	0									
	17	9972	35		19	10	10	83	1	03	0	1	5	6	0	0									
	20	9972	30		17	10	12	83	1	02	0	1	5	6	0	0									
	23	9965	22		10	13	23	83	1	02	0	1	5	6	0	0				14	33	403		35	22
09	02	9949	20		07	14	27	83	1	02	0	1	5	6	0	0									
	05	9922	20		06	15	32	82	6	03	1	2	5	7	3	0									
	08	9899	23		09	14	32	82	8	03	2	5	5	6	7	0									
	11	9893	26		13	14	26	82	8	14	2	4	5	5	7	7									
	14	9880	29		14	14	29	82	8	02	2	3	5	6	7	7									
	17	9876	30		16	14	27	82	8	14	2	1	5	7	3	3									
	20	9872	28		15	14	22	83	5	01	2	0	5	9	3	0									
	23	9876	28		14	13	22	83	2	01	1	0	0	0	0	0				14	45	535		30	20

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	02	9882	28		13	14	22	83	1	02	0	0	0	9	3	0									
	05	9897	28		14	14	25	82	3	03	1	0	0	9	3	0									
	08	9903	30		15	14	21	82	6	03	2	1	5	6	3	8									
	11	9917	35		22	13	15	81	4	02	1	1	5	6	3	0									
	14	9927	41		25	13	03	24	6	02	2	1	5	6	3	0									
	17	9935	37		23	25	01	08	6	02	2	1	5	6	3	5									
	20	9833	35		24	25	01	08	6	02	2	1	5	6	3	5									
	23	9932	34		26	16	05	40	7	02	2	1	5	6	3					14	41	665		43	25
11	02	9930	33		26	17	01	08	7	02	2	1	5	6	3										
	05	9917	29		19	17	09	83	5	01	2	0	0	9	3	0									
	08	9906	29		17	16	19	83	5	02	2	0	0	9	3	5									
	11	9890	33		20	14	26	83	4	02	2	1	5	5	3	8									
	14	9877	35		22	14	22	82	7	03	2	1	5	5	7	8		2							
	17	9855	34		22	12	31	82	7	03	2	1	5	4	7			2							
	20	9849	30		21	14	25	82	7	03	2	3	5	6	3			2							
	23	9826	28		18	13	29	81	7	02	2	3	5	6	7					14	45	306		37	28
12	02	9815	28		17	13	30	82	8	02	2	3	5	6	7										
	05	9799	28		14	13	31	82	8	02	2	2	5	7	7										
	08	9792	27		14	13	35	82	8	02	2	2	5	6	7	8									
	11	9786	29		15	13	35	82	8	02	2	1	1	6	7			3							
	14	9776	29		16	13	35	82	6	02	2	0	9	7	7										
	17	9776	29		16	13	30	82	6	02	2	4	8	7	7										
	20	9791	27		14	13	25	82	7	02	2	7	5	7											
	23	9790	25		13	13	21	83	8	02	2	8	5	7						14	45	691		29	25
13	02	9800	25		12	13	19	83	8	02	2	8	5	7											
	05	9803	29		17	14	22	83	8	02	2	2	5	6	7										
	08	9803	25		13	14	23	81	8	02	2	6	5	4	7		3								
	11	9800	27		15	14	20	80	8	02	2	3	5	6	7		3								
	14	9803	28		16	14	13	82	8	02	2	3	5	6	7		3								
	17	9800	29		17	14	08	82	8	02	2	3	5	6	7		3								
	20	9800	28		18	09	02	82	7	02	2	2	5	6	7										
	23	9791	27		18	15	04	82	8	02	2	3	5	7	7					14	32	618		29	25
14	02	9790	26		16	16	08	82	7	02	2	0	0	9	7										
	05	9785	24		13	14	14	82	8	02	2	1	5	5	7										
	08	9788	24		14	14	13	82	8	02	2	1	8	5	7										
	11	9780	28		15	11	13	82	7	02	2	1	8	5	7										
	14	9786	29		15	12	12	82	8	02	2	1	5	5	7										
	17	9789	29		17	04	07	82	8	02	2	2	5	5	7										
	20	9788	27		15	11	09	82	7	02	2	1	8	5	1										
	23	9790	25		12	13	05	82	8	02	2	2	5	5	1		2			14	24	310		29	23
15	02	9783	25		12	14	25	81	8	02	2	1	5	6	1		2								
	05	9790	23		11	14	28	82	6	02	2	3	5	6	4	9	2								
	08	9800	26		12	14	24	82	7	02	2	1	5	6	4	7	2								
	11	9805	29		15	14	20	82	7	02	2	1	5	6	0	6	2								
	14	9814	34		19	11	11	83	7	02	2	1	5	6	0	6	2								
	17	9814	36		19	12	14	83	5	02	2	1	5	6	0	6	2								
	20	9816	32		19	08	04	83	4	02	2	1	5	6	0	6	2								
	23	9806	24		11	13	13	82	1	02	2	0	0	9	0	6				14	38	471		37	23
16	02	9808	22		09	13	25	82	1	02	2	0	0	9	0	6									
	05	9814	22		09	14	25	82	1	02	0	0	0	9	0	6									
	08	9812	25		12	14	20	82	4	03	0	0	0	9	0	8			3						
	11	9808	29		16	13	16	82	6	03	0	0	0	9	4	0									
	14	9809	35		20	09	07	82	5	02	2	0	0	9	4	0									
	17	9807	32		20	07	03	82	6	02	2	5	8	5	3	0	2	2							
	20	9817	33		22	07	01	82	4	02	2	3	8	6	3	0	2								
	23	9820	28		18	14	15	83	5	02	2	2	5	6	3	0				14	35	467		36	21
17	02	9858	26		16	14	15	83	7	02	2	1	5	5	3	0									
	05	9851	25		14	14	22	82	7	02	2	3	5	5	6										
	08	9859	27		14	14	18	82	2	02	2	0	1	0	3	0									
	11	9868	30		17	14	15	82	3	02	2	1	5	5	3	0									
	14	9878	35		20	14	12	82	6	03	1	0	0	0	7	0									
	17	9895	34		20	12	06	82	7	02	2	0	0	9	3	0									
	20	9898	29		18	14	11	82	5	01	2	0	0	9	3	0				14	29	367		35	23
	23	9909	23		12	14	17	82	1	01	2	0	0	9	3	0									
18	02	9919	23		11	14	17	82	1	01	1	0	0	9	3	0									
	05	9917	21		09	14	18	82	2	01	1	1	0	9	3	0									
	08	9910	23		10	14	13	82	1	02	1	1	8	6	3	0	4								
	11	9897	27		13	14	13	82	2	02	1	0	8	6	3	5		4							
	14	9888	33		16	14	10	82	1	02	1	1	8	6	0	5	4								
	17	9870	30		15	14	14	82	4	02	1	1	8	6	0	5	4								
	20	9862	26		14	13	14	82	5	02	2	1	8	6	0	6	4								
	23	9837	21		08	14	25	82	2	01	1	1	8	6	0	1				14	32	462		33	21

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St. miles	Points	°F	°F
19	02	9820	20		07	14	25	82	1	01	0	0	0	9	0	1									
	05	9803	19		07	14	30	82	2	02	2	0	0	9	7	0									
	08	9797	23		08	14	26	82	7	02	2	1	8	6	0	6	2								
	11	9797	26		10	14	30	82	7	02	2	1	8	6	3	6	2		6						
	14	9800	29		13	14	28	82	7	02	2	1	8	6	0	6			6						
	17	9808	29		14	14	14	82	5	02	2	1	8	5	0	4									
	20	9815	25		11	14	16	82	4	02	2	0	0	9	3	1									
	23	9815	21		08	16	15	82	1	01	1	0	0	9	3	0				13	41	396		30	19
20	02	9818	18		09	16	14	82	0	01	1	0	0	9	3	0									
	05	9828	14		03	16	22	82	3	02	2	0	0	9	3	0									
	08	9829	19		08	18	10	82	2	02	2	0	0	9	3	0									
	11	9826	26		13	16	09	82	3	02	2	1	4	6	2	0									
	14	9826	30		15	09	05	82	3	02	2	1	4	6	1	2									
	17	9814	29		14	09	06	82	6	03	2	1	8	6	3	6									
	20	9803	26		13	11	06	82	3	02	2	2	5	6	3	0									
	23	9793	21		10	13	20	82	8	02	2	8	5	6	0	0				14	30	522		30	14
21	02	9777	21		10	14	20	82	8	02	2	8	5	6											
	05	9772	20		08	14	17	82	8	02	2	8	5	6			3								
	08	9760	19		09	16	18	81	8	02	2	8	5	5			3								
	11	9759	19		09	16	16	81	8	02	2	8	5	5			3								
	14	9753	20		10	15	13	81	8	02	2	8	5	5			3								
	17	9736	21		10	14	11	81	7	02	2	7	5	6											
	20	9720	20		11	14	11	81	8	26	7	8	5	6											
	23	9716	19		09	14	15	81	8	02	2	8	5	6			3			16	32	336		21	17
22	02	9710	18		09	14	19	81	8	02	2	8	5	6											
	05	9707	17		05	14	22	82	7	02	2	7	5	6			3								
	08	9714	17		04	16	22	82	1	01	2	1	8	6	0	0	3								
	11	9731	21		09	16	22	82	1	02	2	0	1	5	0	0	3								
	14	9749	25		10	14	30	82	1	02	2	0	1	5	0	0	3								
	17	9775	26		10	16	20	82	2	02	2	1	2	5	0	0	3								
	20	9799	23		08	16	14	82	1	02	2	1	0	5	0	0	3								
	23	9826	17		05	17	11	82	0	02	1	0	0	9	0	0				14	45	447		26	16
23	02	9833	12		00	17	25	82	0	02	0	0	0	9	0	0									
	05	9829	10		505	17	25	82	0	02	0	0	0	9	0	0									
	08	9839	16		03	16	15	82	0	02	0	0	0	9	0	0									
	11	9845	21		07	14	10	82	0	02	0	0	0	9	0	0									
	14	9852	28		11	11	01	82	1	02	0	0	1	9	0	0									
	17	9855	27		13	11	08	82	1	02	1	1	2	6	0	0									
	20	9863	19		08	14	23	82	3	02	1	2	5	6	0	0									
	23	9878	15		03	16	20	82	5	03	1	5	5	6	0	0				16	37	531		28	10
24	02	9894	15		03	14	24	82	6	02	2	4	5	6	0	6									
	05	9872	19		06	14	32	82	8	02	2	3	5	5	0	6									
	08	8865	20		07	14	31	82	8	02	2	1	1	5	1	6									
	11	9866	23		10	14	26	82	7	02	2	1	1	5	2	6									
	14	9869	28		14	11	14	82	8	02	2	1	1	5	3	6									
	17	9864	31		16	11	05	82	8	02	2	1	1	5	3	6									
	20	9860	25		11	13	16	82	8	02	2	1	1	5	4	6									
	23	9843	19		05	14	25	82	3	02	2	0	0	9	0	6				13	44	382		31	14
25	02	9841	17		05	16	14	82	3	02	1	0	0	9	0	5									
	05	9826	13		05	11	20	82	3	02	0	1	8	6	0	1									
	08	9823	12		00	15	23	82	2	02	2	1	5	6	0	0									
	11	9810	19		02	14	15	82	2	02	2	2	8	6	0	1									
	14	9799	26		09	14	05	82	2	02	2	2	8	6	0	0									
	17	9798	24		10	07	01	82	7	70	7	7	5	6			6								
	20	9795	22		16	13	04	81	8	70	7	3	5	6	2		6								
	23	9805	18		09	13	16	81	8	70	7	6	5	6	2					16	31	536		26	12
26	02	9818	14		04	13	16	81	8	70	7	6	5	6	2										
	05	9822	14		07	13	14	80	6	01	7	6	5	6	0	0	6								
	08	9837	10		03	14	28	80	8	39	7	8	5	3			6								
	11	9847	14		06	15	17	80	8	39	2	8	5	2			6								
	14	9865	15		07	16	07	80	8	39	3	8	5	2											
	17	9877	18		11	14	02	16	8	39	3	8	5	2											
	20	9888	16		10	14	10	16	8	39	3	8	5	2											
	23	9906	09		06	16	22	16	8	39	3	8	5	2						16	38	345		18	08
27	02	9911	06		04	16	25	16	7	39	3	7	5	2											
	05	9921	07		02	16	24	82	8	02	2	2	7	4	5										
	08	9932	08		01	16	20	82	7	02	2	0	0	9	3	6									
	11	9929	17		10	18	02	82	3	02	2	0	0	7	3	6									
	14	9931	20		08	14	23	82	8	02	2	1	8	7	8	0									
	17	9922	18		08	14	23	82	8	02	2	1	8	7	8	0									
	20	9889	15		13	13	30	04		39	7														
	23	9858	15		13	14	45	01		39	7									13	55	419		21	05

Results of Surface Observations,
MAWSON – Feb., 1960

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
28	02	9773	14		13	14	42	00		39	3														
	05	9740	15		14	13	50	00		39	3														
	08	9696	15		14	13	60	00		39	3														
	11	9692	15		14	13	60	00		39	3														
	14	9698	16		14	13	60	00		39	3														
	17	9695	16		15	13	45	00	8	38	3	9													
	20	9714	20		19	13	36	80	8	38	3	8	5	6											
	23	9726	22		21	13	32	80	8	02	3	8	5	6						13	70	950		22	15
29	02	9726	21		08	15	29	80	8	02	2	8	5	6											
	05	9741	20		08	16	25	81	8	39	3	8	5	6											
	08	9749	17		05	16	29	81	7	39	3	7	5	6											
	11	9751	20		08	16	24	81	7	02	2	7	5	6											
	14	9756	25		11	15	15	81	5	02	2	0	0	9	7	1									
	17	9757	26		13	18	14	81	3	02	2	1	8	6	1	1									
	20	9753	20		08	13	23	81	4	02	2	1	8	6	0	1									
	23	9751	17		05	13	30	81	4	03	0	1	8	6	3	0				15	38	969		27	17

Results of Surface Observations,
MAWSON – Mar., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	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	9756	17		08	13	26	81	8	03	2	0	0	9	3	0									
	05	9763	16		02	14	22	82	7	02	2	6	5	5	3										
	08	9754	15		03	14	21	82	7	02	2	7	5	5											
	11	9756	17		04	14	17	82	7	02	2	7	5	5											
	14	9765	21		08	14	08	82	7	02	2	7	5	5											
	17	9765	20		08	13	17	82	8	02	2	8	5	6											
	20	9766	16		06	13	17	82	6	02	2	6	5	6											
	23	9775	15		06	13	23	82	7	02	2	7	5	6						13	39	465		21	13
02	02	9783	08		00	15	32	82	8	02	2	8	5	6											
	05	9790	05		507	15	34	82	7	02	2	7	5	5				6							
	08	9791	08		501	13	17	82	2	01	1	2	5	5	0	0		6							
	11	9795	11		501	13	25	82	3	02	2	3	5	5	0	0		6							
	14	9794	17		03	13	23	82	2	02	2	2	5	5	0	0		6							
	17	9790	18		03	12	20	82	1	02	2	1	5	6	0	0		6							
	20	9787	15		01	12	23	82	3	02	2	1	5	6	0	1			6						
	23	9781	15		00	12	26	82	1	02	2	1	5	6	0	0	7			13	45	482		18	505
03	02	9764	15		00	12	32	82	0	02	2	0	0	9	0	0									
	05	9739	15		00	13	26	82	1	00	2	0	0	9	0	0									
	08	9719	17		01	13	25	82	4	03	1	4	8	6	0	1									
	11	9710	19		05	12	20	82	4	03	2	3	8	6	0	1									
	14	9696	20		06	12	17	82	8	03	2	8	5	6	0	1									
	17	9691	19		06	13	17	82	8	02	2	8	8	6											
	20	9691	18		03	13	20	82	8	02	2	8	8	6											
	23	9699	15		00	13	12	82	8	02	2	8	8	6						14	42	606		20	13
04	02	9708	08		506	13	17	82	1	02	2	1	8	6	0	0	6								
	05	9703	05		509	13	23	83	1	01	2	1	8	6	0	0	6								
	08	9705	05		509	15	20	83	1	02	1	1	8	6	0	0	6								
	11	9713	12		503	14	12	83	1	02	1	1	8	6	0	0	6								
	14	9716	17		00	14	17	83	4	03	1	4	8	6	0	0	6								
	17	9722	15		00	12	15	82	7	03	2	7	5	6			6								
	20	9726	12		501	13	18	82	7	02	2	7	5	6			6								
	23	9733	12		501	14	21	82	7	02	2	7	5	6			6			15	33	514		17	05
05	02	9737	10		502	16	18	82	7	02	2	7	5	6											
	05	9741	13		01	14	14	82	7	02	2	7	5	5			6								
	08	9741	10		502	13	23	82	8	02	2	8	5	5			8								
	11	9748	13		501	14	17	82	8	02	2	8	5	6			8								
	14	9759	16		01	14	12	82	8	02	2	8	5	6											
	17	9767	17		03	12	10	82	8	02	2	8	5	6			2								
	20	9779	13		502	13	17	82	8	02	2	2	5	6	0	6	2								
	23	9806	07		505	14	13	82	2	01	1	2	5	6	0	0	5			14	34	408		17	07
06	02	9825	06		506	14	13	82	0	01	1	0	0	9	0	0									
	05	9853	08		506	14	16	82	1	02	1	0	0	9	3	0									
	08	9874	08		505	14	16	83	1	00	0	0	0	9	3	0		6							
	11	9896	15		01	14	07	83	3	03	1	0	0	9	3	0		6							
	14	9897	21		04	14	01	82	8	03	1	1	0	9	3	2			6						
	17	9883	21		05	14	02	82	8	02	2	2	0	9	3	7			6						
	20	9862	19		09	14	05	80	8	02	2	2	0	9	3	7		6							
	23	9802	18		18	14	23	01		36	3									12	30	395		21	06
07	02	9741	19		18	12	38	08		38	3														
	05	9748	19		18	12	36	08		38	3														
	08	9767	19		18	12	32	01		38	3														
	11	9780	15		15	12	36	02		38	3														
	14	9798	18		17	12	33	01		38	3														
	17	9797	18		17	12	35	01		38	3														
	20	9803	17		16	12	38	01		38	3														
	23	9845	18		17	12	42	02		38	3									10	52	463		20	15
08	02	9864	17		16	12	34	02		38	3														
	05	9875	17		16	12	35	16	8	36	3	8	5	5											
	08	9881	17		17	12	36	08		38	3														
	11	9886	17		17	12	25	08		38	3														
	14	9881	17		16	12	25	02		38	3														
	17	9878	19		18	12	21	02		38	3														
	20	9875	17		16	12	24	02		38	3														
	23	9871	15		14	12	26	04		36	3									11	48	880		19	13
09	02	9863	13		12	12	22	16	8	36	3	8	5	5											
	05	9863	14		13	13	14	80	8	02	3	8	5	4											
	08	9847	09		505	13	16	81	7	02	2	7	5	6											
	11	9830	14		505	13	13	81	7	02	2	7	5	6											
	14	9818	20		503	12	01	82	2	01	1	2	5	6	0	1									
	17	9805	16		504	00	00	81	7	03	1	7	5	6											
	20	9788	14		502	12	12	81	7	02	2	7	5	6											
	23	9770	10		505	13	16	81	8	02	2	8	5	6						12	38	578		20	09

Results of Surface Observations,
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LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND					LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	02	9762	08		505	13	25	81	8	36	2	8	5	6											
	05	9756	07		505	13	26	81	8	36	3	8	5	5											
	08	9748	06		506	14	24	81	7	02	2	7	5	5											
	11	9746	10		503	13	17	81	7	02	2	7	5	5											
	14	9750	13		503	13	18	82	7	02	2	7	5	5	0	1									
	17	9758	11		506	13	22	82	6	36	2	6	5	5	0	1									
	20	9775	07		509	13	23	82	6	36	3	3	5	5	0	2									
	23	9785	09		508	13	13	82	3	01	0	1	5	6	0	2				08	34	315		13	06
11	02	9793	04		510	14	18	82	2	01	0	0	0	9	0	2									
	05	9798	05		510	14	16	82	7	03	1	6	5	6	0	2	6								
	08	9790	05		509	14	12	82	8	03	2	8	5	6	0	1									
	11	9782	12		504	13	07	82	7	02	2	7	5	6											
	14	9769	19		502	00	00	82	5	01	2	5	5	6	0	2									
	17	9764	14		506	12	14	82	7	03	2	1	5	6	0	2	3								
	20	9774	08		507	14	08	82	4	01	2	1	8	6	0	2	3								
	23	9774	07		507	15	11	82	5	03	1	3	8	6	0	2	7			12	26	467		21	03
12	02	9772	09		502	15	11	82	4	02	0	1	8	6	0	2									
	05	9757	05		508	14	17	82	3	00	0	1	5	6	0	2									
	08	9753	09		510	14	18	82	1	01	1	1	5	6	0	0									
	11	9744	11		504	13	11	82	8	02	1	1	5	6	0	7									
	14	9750	19		01	14	15	82	5	00	0	5	5	6	0	8									
	17	9767	09		506	14	18	81	7	03	1	7	5	5			5								
	20	9788	02		513	15	19	81	1	01	2	1	5	5	0	0	5								
	23	9798	02		513	15	14	81	1	02	0	1	5	5	0	0	4			13	33	256		19	02
13	02	9805	01		514	14	15	81	2	03	0	2	5	5	0	0									
	05	9812	03		513	14	14	82	5	03	1	2	5	5	3	0									
	08	9813	06		512	13	15	82	8	02	2	1	5	5	7										
	11	9812	06		511	11	21	82	8	02	2	2	5	5	3	6									
	14	9810	10		507	12	15	82	7	02	2	2	5	5	7	6									
	17	9798	12		507	10	11	82	8	02	2	1	5	5	2		2								
	20	9775	12		506	12	16	81	8	02	2	0	0	9	2			3							
	23	9747	08		509	12	23	81	7	01	2	0	0	9	7			3		09	31	378		12	01
14	02	9708	07		509	12	18	81	8	02	2	0	0	9	7										
	05	9698	10		511	11	09	81	6	02	2	0	0	9	7			3							
	08	9699	07		510	14	16	82	6	02	2	0	0	9	7										
	11	9711	09		503	14	02	82	8	02	2	1	5	6	0	4									
	14	9718	16		05	14	11	82	5	02	2	1	5	6	0	2									
	17	9713	17		04	15	14	82	3	02	2	2	5	6	0	1	6								
	20	9694	11		01	15	13	82	1	02	1	1	5	6	0	0	6								
	23	9674	06		503	14	25	82	0	02	0	0	0	9	0	0				09	38	432		17	05
15	02	9663	07		502	14	16	82	0	00	0	0	0	9	0	0									
	05	9667	05		503	14	18	82	0	00	0	0	0	9	0	0									
	08	9667	04		504	11	27	82	2	03	0	2	1	6	0	0									
	11	9677	11		01	13	13	82	3	03	0	2	8	6	0	1	5		6						
	14	9690	15		05	14	07	81	5	03	0	2	8	6	0	1	5		6						
	17	9693	13		05	19	07	81	7	02	2	4	5	6	0	0	5		6						
	20	9704	08		00	15	06	81	2	02	1	2	5	6	0	0	5								
	23	9712	01		505	14	32	40	7	38	3	7	5	6			5			13	43	360		16	501
16	02	9716	501		506	14	28	81	7	00	3	7	5	6											
	05	9728	501		510	14	28	81	7	36	3	7	5	6											
	08	9742	503		508	14	29	80	7	36	3	7	5	6											
	11	9763	03		503	13	18	81	2	36	3	2	5	6	0	0	5								
	14	9787	07		502	12	14	81	1	02	0	1	5	6	0	0	5								
	17	9807	11		01	13	04	82	2	02	2	2	5	6	0	0									
	20	9832	501		508	14	24	80	6	36	3	6	5	6											
	23	9836	503		510	14	27	80	2	38	3	2	5	6	0	0				13	43	439		11	504
17	02	9841	505		511	14	26	80	0	36	3	0	0	9	0	0									
	05	9836	503		510	14	25	81	0	36	3	0	0	9	0	0									
	08	9830	501		507	14	25	81	1	36	3	1	4	6	0	0									
	11	9819	03		503	14	32	81	3	38	3	1	5	6	0	1									
	14	9812	10		501	14	24	81	7	36	3	1	8	6	3	6									
	17	9809	07		502	14	27	81	7	36	3	1	8	6	7										
	20	9812	08		00	14	17	81	7	36	3	2	8	6	7										
	23	9814	07		01	15	26	80	8	38	3	2	8	6	7					13	47	466		12	505
18	02	9815	06		06	15	33	16	8	39	3	4	8	6	7										
	05	9824	07		07	15	35	04		39	3														
	08	9841	09		09	15	30	04		39	3														
	11	9856	10		05	14	24	16	8	36	3	8	7	1											
	14	9869	15		09	13	18	40	8	36	3	8	7	1											
	17	9885	13		08	04	15	81	8	02	3	8	7	1											
	20	9898	10		04	09	12	80	8	15	2	3	7	1	3										
	23	9903	08		03	12	15	80	6	02	2	1	5	5	3					13	50	618		15	06

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	02	9913	07		03	13	18	80	7	02	2	1	5	5	3										
	05	9919	07		01	13	14	81	6	02	2	2	5	5	3										
	08	9923	06		00	12	17	81	8	02	2	3	5	6	3										
	11	9941	07		507	10	14	81	8	02	2	1	8	6	7		2								
	14	9940	10		506	09	09	82	6	01	1	1	5	5	3	8									
	17	9937	11		504	09	11	81	8	03	0	1	5	5	0	4									
	20	9948	03		511	12	21	82	8	02	0	1	5	5	0	4									
	23	9958	03		512	12	19	81	6	02	0	1	5	5	0	4				12	29	395		12	00
20	02	9964	01		513	14	17	82	1	01	0	1	5	5	0	0									
	05	9974	501		515	14	18	82	1	00	0	1	5	5	0	0									
	08	9976	501		515	14	14	82	2	02	1	1	5	5	3	1									
	11	9979	03		512	14	15	82	2	02	1	2	8	5	0	0									
	14	9974	09		507	15	12	82	2	00	0	2	8	5	3	0									
	17	9971	09		507	15	05	82	3	00	0	3	8	5	0	0									
	20	9970	03		510	15	20	81	7	03	0	3	5	6											
	23	9964	504		514	15	32	40	2	36	3	2	5	6	0	0				13	39	346		09	505
21	02	9959	502		513	15	32	40	7	36	3	7	5	6											
	05	9967	503		514	15	25	40	7	36	3	7	5	5	2										
	08	9962	503		514	15	25	81	7	36	3	3	5	5	2										
	11	9966	02		511	15	17	81	6	02	3	2	5	5	3	6									
	14	9963	06		508	15	17	81	6	02	2	2	5	5	3	6									
	17	9952	06		511	09	17	81	7	02	2	1	5	5	3	6									
	20	9923	07		509	05	14	81	8	03	2	1	5	5	2										
	23	9853	06		02	12	34	01		38	2									12	49	417		07	506
22	02	9749	08		08	12	44	00		39	3														
	05	9689	12		11	12	42	00		39	3														
	08	9724	12		11	12	40	00		39	3														
	11	9763	15		08	09	16	40	8	38	3	6	7	3	2										
	14	9783	14		05	07	07	40	8	70	2	3	7	1	2										
	17	9793	13		07	07	02	24	8	15	7	3	7	2	2										
	20	9777	11		08	14	01	03	8	71	7	3	7	0											
	23	9762	09		04	14	05	08	3	71	7	3	7	2	0	0				11	55	763		15	05
23	02	9754	01		504	14	13	40	3	36	7	3	5	5	0	0									
	05	9746	00		506	16	27	04	3	38	3	3	5	5	0	0									
	08	9738	501		507	14	26	40	5	38	3	3	5	6	0	6									
	11	9736	01		506	15	24	81	6	36	3	6	5	5											
	14	9722	07		504	15	20	81	2	36	3	2	5	5	0	0									
	17	9740	03		504	14	28	81	1	36	3	1	5	5	0	0									
	20	9775	01		511	14	19	81	1	02	3	1	5	5	0	0									
	23	9796	03		511	21	06	81	1	02	0	1	5	6	0	0				18	45	346		07	501
24	02	9823	07		505	18	06	81	0	02	0	0	0	9	0	0									
	05	9821	05		508	14	12	81	8	02	2	8	5	5											
	08	9828	08		504	14	18	81	7	36	3	1	5	7	4	9									
	11	9943	11		505	16	26	81	7	37	3	0	0	9	7	7									
	14	9876	13		506	18	16	81	7	02	3	0	0	9	7	7									
	17	9879	11		01	15	31	08	3	39	3	0	0	9	7	3									
	20	9902	08		502	15	31	40	3	38	3	0	0	9	3	0									
	23	9925	05		504	15	31	40	0	38	3	0	0	9	0	0				13	56	436		14	02
25	02	9936	09		503	15	31	40	0	38	3	0	0	9	0	0									
	05	9941	15		03	04	14	81	6	03	3	0	5	5	0	0									
	08	9951	11		504	19	09	81	6	39	3	0	0	9	2	6									
	11	9954	14		01	11	35	81	8	37	3	0	0	9	7	7									
	14	9978	22		505	13	13	20	7	02	3	0	0	9	7	1									
	17	9991	20		04	13	11	81	7	02	2	0	0	9	1	6									
	20	10001	22		03	18	07	81	7	02	2	0	0	9	1	6									
	23	10004	15		00	14	07	81	2	01	2	0	0	9	0	5				13	49	498		22	03
26	02	10063	15		502	14	13	81	0	01	0	0	0	9	0	1									
	05	10002	17		00	14	10	81	4	03	0	0	0	9	3										
	08	9985	17		502	14	11	81	8	02	2	0	0	9	2										
	11	9971	18		502	11	22	81	8	02	2	0	0	9	2										
	14	9958	17		01	07	11	81	8	02	2	0	0	9	1										
	17	9941	17		03	03	11	81	8	02	2	0	0	9	1										
	20	9937	15		02	16	07	81	8	02	2	0	0	9	0										
	23	9938	14		00	16	09	81	0	01	1	0	0	9	0	0				11	35	360		19	13
27	02	9925	16		00	14	03	81	0	00	0	0	0	9	3	0									
	05	9900	16		504	14	01	81	4	03	0	0	0	9	7	1									
	08	9863	18		503	20	02	81	6	03	0	0	0	9	0	9									
	11	9843	17		00	14	03	82	1	01	0	0	5	9	0	0									
	14	9808	23		09	14	01	82	0	00	0	0	0	9	0	5									
	17	9770	25		04	07	09	82	1	03	0	0	0	9	0	0									
	20	9742	20		02	15	10	81	5	03	1	0	0	9	7	0									
	23	9708	21		505	10	09	81	3	02	2	0	0	9	7	0				36	30	274		25	14

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
28	02	9717	11		502	14	30	16	1	36	0	1	5	6	0	0									
	05	9717	10		506	14	25	81	8	36	3	8	5	7											
	08	9710	08		508	11	20	81	7	02	3	2	5	6	3	7									
	11	9710	09		511	10	16	81	7	02	2	2	5	6	2	7									
	14	9701	10		510	12	14	81	7	03	2	2	5	6	7										
	17	9713	09		509	12	12	81	5	01	2	5	5	6	0	5									
	20	9734	01		517	12	23	81	2	02	2	0	0	9	7	0									
	23	9756	501		519	12	21	81	0	01	1	0	0	9	0	0				11	45	295		19	503
29	02	9783	505		521	14	26	81	1	02	1	0	0	9	3	0									
	05	9794	506		521	14	24	81	0	36	3	0	0	9	0	0									
	08	9803	501		521	11	27	81	2	36	3	1	5	7	3	0									
	11	9807	501		517	12	34	81	1	36	3	1	5	7	0	0									
	14	9816	02		515	12	31	81	1	36	3	1	5	6	0	0									
	17	9796	01		513	12	39	24	1	37	3	0	0	9	3	0									
	20	9803	00		513	12	43	24	2	37	3	0	0	9	3	0									
	23	9794	02		511	13	35	24	0	37	3	0	0	9	0	0				11	67	457		04	506
30	02	9795	04		510	13	32	24	0	37	3	0	0	9	0	0									
	05	9799	03		511	13	36	08	0	39	3	0	0	9	0	0									
	08	9798	05		509	14	34	04	6	39	3	3	2	6	3	7									
	11	9800	09		08	14	23	80	8	36	3	1	6	4	2										
	14	9810	13		08	14	23	32	8	02	3	2	5	5	7										
	17	9816	13		08	14	17	80	8	02	2	2	7	2											
	20	9809	11		08	14	17	32	8	02	2	3	7	2											
	23	9798	11		08	12	18	32	8	70	2	4	7	2						13	56	832		14	03
31	02	9780	10		08	12	21	32	8	02	2	8	5	3											
	05	9766	10		07	14	22	32	8	36	2	8	5	5											
	08	9755	07		04	16	20	80	8	39	3	6	6	5	2										
	11	9766	07		00	14	28	81	8	36	3	2	6	6	7										
	14	9768	07		00	14	22	81	6	01	2	2	5	5	7										
	17	9777	07		00	14	22	81	6	02	2	2	5	5	7										
	20	9789	06		502	14	21	81	2	01	1	0	0	9	3	0									
	23	9793	08		00	14	13	81	2	03	1	0	0	9	3	0				13	37	505		11	06

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	9807	09		03	14	09	81	7	03	1	0	0	9	7										
	05	9809	09		01	13	17	81	5	01	1	2	5	5	1	0	6								
	08	9819	07		01	12	31	81	1	02	1	0	0	9	3	0									
	11	9824	08		501	12	28	81	1	02	0	0	0	9	4	0									
	14	9837	08		501	12	28	81	6	03	1	2	5	5	7	1			6						
	17	9840	06		502	12	24	81	7	02	2	1	5	5	2	7			6						
	20	9846	05		502	11	32	81	8	02	2	1	5	5	2	7			6						
	23	9852	05		501	11	37	02		39	3									12	50	443		09	04
02	02	9877	05		04	11	32	81	0	36	3	0	0	9	0	0									
	05	9901	05		03	11	27	81	5	36	3	3	6	4	1	0			1						
	08	9920	05		04	12	31	40	8	38	3	8	7	2											
	11	9933	08		07	12	30	80	8	36	3	1	1	5	0	7									
	14	9953	11		02	11	25	81	1	01	3	0	0	9	0	8									
	17	9968	08		00	11	25	81	2	02	1	2	5	5	0	0									
	20	9988	05		503	11	27	81	1	02	1	1	5	5	0	0									
	23	10007	07		504	11	29	81	1	02	1	1	5	5	0	0				12	47	767		11	03
03	02	10012	07		503	11	28	81	1	00	0	0	0	9	0	0									
	05	10015	06		504	11	21	81	4	03	0	4	5	5	0	0									
	08	10017	04		505	14	21	81	6	02	2	8	5	6											
	11	10010	07		501	14	21	81	7	02	2	2	5	6	3	0									
	14	10008	12		500	10	12	81	8	02	2	1	5	6	3	6									
	17	10002	09		501	10	17	81	8	02	2	0	0	9	2	7									
	20	9998	05		504	11	20	81	8	02	2	0	0	9	2	6									
	23	9988	06		503	12	19	81	6	02	2	0	0	9	2	6				12	41	592		12	04
04	02	9971	05		504	12	23	81	6	02	2	0	0	9	2	6									
	05	9957	06		503	11	25	81	8	03	2	4	5	6	2										
	08	9928	07		02	11	09	80	8	71	2	3	7	2	2										
	11	9907	11		00	11	09	80	8	02	7	8	7	2											
	14	9908	10		03	16	14	81	2	01	1	0	0	9	3	0									
	17	9935	11		03	25	09	81	1	02	1	1	5	5	0	0									
	20	9958	07		03	17	08	81	6	02	2	6	5	5											
	23	9970	05		00	13	05	81	2	02	1	2	5	5	0	0				12	34	428		11	04
05	02	9970	02		505	13	18	81	1	02	1	1	5	5	0	0									
	05	9974	01		509	13	22	81	4	03	1	4	5	5	0	0									
	08	9973	00		509	12	25	81	1	00	0	1	5	7	0	0									
	11	9977	02		508	12	24	81	1	02	1	1	5	6	0	0									
	14	9969	04		503	12	26	81	2	02	1	2	5	6	0	1									
	17	9967	03		503	12	15	81	6	02	0	7	6	5											
	20	9963	502		509	12	21	81	2	02	0	2	5	6	0	0									
	23	9957	501		510	13	17	81	2	02	1	2	5	5	0	0				12	41	307		05	502
06	02	9952	502		513	13	06	81	1	02	0	1	5	5	0	0									
	05	9956	504		515	14	20	81	2	02	0	2	5	5	0	0									
	08	9942	502		513	12	23	81	3	36	0	1	5	5	7	0									
	11	9941	501		510	12	18	81	2	36	3	1	5	5	3	0									
	14	9941	01		508	12	18	81	5	36	3	5	5	5	0	1									
	17	9939	500		509	12	20	81	7	36	3	5	5	5	0	0									
	20	9941	503		512	13	15	81	7	36	3	7	5	6											
	23	9944	505		514	12	31	81	2	38	3	2	5	6	0	0				12	42	458		02	505
07	02	9959	507		515	14	20	81	0	00	3	0	0	9	0	0									
	05	9966	509		518	14	22	81	0	00	0	0	0	9	0	1									
	08	9963	506		519	12	21	81	1	02	2	0	0	9	0	1									
	11	9968	505		515	12	22	81	1	02	1	1	5	6	0	6									
	14	9958	503		513	12	25	81	7	03	2	1	5	6	0	7									
	17	9941	504		513	12	20	81	8	03	2	1	5	6	1	1									
	20	9896	502		510	09	28	40	8	02	2	0	5	6	2	6									
	23	9849	501		504	11	45	02		38	3									09	60	583		501	509
08	02	9798	01		501	11	37	00		39	3														
	05	9776	04		00	12	40	00		39	3														
	08	9762	04		00	12	52	00		39	3														
	11	9755	06		05	12	56	00		39	3														
	14	9749	07		05	12	54	00		39	3														
	17	9741	08		07	12	55	00		39	3														
	20	9734	09		08	12	55	00		39	3														
	23	9730	10		09	12	60	00		39	3									12	80	912		11	01
09	02	9724	11		10	12	55	00		39	3														
	05	9717	12		11	12	50	00		39	3														
	08	9729	11		10	12	45	00		39	3														
	11	9748	13		12	12	35	00		39	3														
	14	9768	13		12	12	30	00		39	3														
	17	9784	13		12	12	20	00		38	3														
	20	9805	13		12	12	21	02		36	3														
	23	9827	13		12	12	12	04		36	3									12	65	1303		13	11

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	02	9837	09		08	14	12	08	0	36	3	0	0	9	0	0									
	05	9847	07		06	15	20	80	7	36	3	3	5	6	2										
	08	9854	05		503	13	16	81	8	02	3	2	5	6	0	6									
	11	9858	07		01	11	10	81	6	03	1	6	5	5											
	14	9860	09		03	12	10	81	5	02	1	5	5	5	1										
	17	9857	03		02	12	24	80	2	36	1	1	5	5	0	1									
	20	9848	07		05	12	15	81	7	03	3	7	5	5											
	23	9837	04		02	12	22	80	8	02	2	2	5	5	4	7				12	33	553		10	02
11	02	9843	05		02	14	18	81	7	02	2	7	5	5											
	05	9847	06		03	14	17	81	7	02	2	7	5	5											
	08	9869	501		506	11	14	81	7	38	3	2	5	5	1	6									
	11	9882	04		503	11	13	81	3	36	3	2	5	5	0	5									
	14	9906	05		501	12	09	81	8	02	3	1	5	5	0	7									
	17	9915	03		504	12	20	81	8	02	2	2	5	5	0	7									
	20	9910	06		01	12	25	81	8	36	3	8	5	6											
	23	9887	07		04	10	40	01		39	3									09	43	454		07	01
12	02	9847	10		09	10	42	00		39	3														
	05	9839	07		06	09	50	00		39	3														
	08	9835	12		11	09	50	00		39	3														
	11	9805	10		09	09	50	00		39	3														
	14	9772	10		09	09	50	00		39	3														
	17	9730	09		08	11	60	00		39	3														
	20	9686	11		10	11	60	00		39	3														
	23	9696	12		11	11	55	00		39	3									09	70	760		12	06
13	02	9711	12		11	10	51	00		39	3														
	05	9727	13		11	11	46	00		38	3														
	08	9740	11		11	13	28	81	8	36	3	3	6	4	0	6									
	11	9747	15		09	13	16	81	8	02	3	6	6	4		7									
	14	9772	13		07	13	10	81	1	01	1	1	5	5	0	0									
	17	9784	10		05	14	22	81	1	01	0	0	0	9	4	0									
	20	9806	03		501	14	24	81	0	02	0	0	0	9	0	0									
	23	9817	03		501	14	27	81	0	36	3	0	0	9	0	0				09	51	1201		15	02
14	02	9834	501		504	14	30	81	0	36	3	0	0	9	0	0									
	05	9841	04		501	14	25	81	0	37	3	0	0	9	0	0									
	08	9846	03		501	14	27	81	0	36	3	0	0	9	0	0									
	11	9850	04		501	14	24	81	0	36	3	0	0	9	0	0									
	14	9845	08		01	14	18	81	0	02	0	0	0	9	0	0									
	17	9842	08		03	14	13	81	1	00	1	0	0	9	0	8									
	20	9838	06		01	14	17	81	0	00	0	0	0	9	0	0									
	23	9828	07		02	14	19	81	0	00	0	0	0	9	0	0				14	39	504		10	03
15	02	9816	11		06	14	24	81	7	03	1	0	0	9	7										
	05	9816	11		05	11	17	81	7	02	2	0	0	9	3										
	08	9825	08		02	13	13	81	7	02	2	0	0	9	3										
	11	9829	08		02	11	19	81	7	02	2	1	5	5	3										
	14	9842	06		01	12	15	81	5	01	1	0	0	9	3										
	17	9858	05		00	13	13	81	6	02	2	6	5	6											
	20	9879	04		501	12	14	81	8	02	2	8	5	6											
	23	9891	500		505	13	17	81	8	02	2	8	5	5						12	29	690		11	502
16	02	9922	500		506	12	17	81	0	01	1	0	0	9	0	0									
	05	9936	500		506	12	18	81	1	00	0	1	5	5	0	0									
	08	9945	501		504	12	32	81	1	36	0	1	5	5	0	0									
	11	9966	01		502	12	29	81	1	36	3	1	5	5	0	0									
	14	9980	05		01	12	25	81	1	36	3	1	5	5	0	0									
	17	9993	05		501	12	12	81	1	02	1	0	0	9	0	1									
	20	10003	502		506	14	24	81	0	36	1	0	0	9	0	0									
	23	10003	501		505	14	23	81	0	36	3	0	0	9	0	0				12	43	561		05	503
17	02	9998	501		505	14	26	81	0	00	3	0	0	9	0	0									
	05	9998	502		507	14	23	81	1	00	0	0	0	9	0	1									
	08	9989	02		502	14	26	81	1	36	3	0	0	9	0	1									
	11	9976	01		503	14	21	81	2	36	3	0	0	9	0	1									
	14	9967	02		503	12	21	81	2	36	3	0	0	9	0	1									
	17	9949	01		503	14	16	81	1	02	0	0	0	9	0	1									
	20	9934	01		504	12	15	81	0	02	0	0	0	9	0	0									
	23	9931	01		504	00	00	81	0	02	0	0	0	9	0	0				14	42	585		03	501
18	02	9914	501		505	14	09	81	0	00	0	0	0	9	0	0									
	05	9903	502		507	14	15	81	0	00	0	0	0	9	0	0									
	08	9890	501		507	13	18	81	1	00	0	0	0	9	0	1									
	11	9886	02		504	09	12	81	1	00	0	0	0	9	0	1									
	14	9877	03		505	11	12	81	1	00	0	0	0	9	0	1									
	17	9873	03		506	11	17	81	1	02	0	0	0	9	0	1									
	20	9869	505		510	12	26	81	0	36	3	0	0	9	0	0									
	23	9869	505		510	11	24	81	0	36	3	0	0	9	0	0				12	32	340		04	505

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
19	02	9872	04		09	12	24	81	0	36	3	0	0	9	0	0									
	05	9869	507		511	11	31	80	0	36	3	0	0	9	0	0									
	08	9873	506		510	11	28	80	3	36	3	1	5	6	0	2									
	11	9870	503		508	12	25	81	1	36	3	1	5	6	0	0									
	14	9874	503		508	12	24	81	1	36	3	1	5	6	0	0									
	17	9869	503		508	12	23	81	1	36	3	1	5	6	0	0									
	20	9868	504		509	13	17	81	0	02	0	0	0	9	0	0									
	23	9868	505		510	13	14	81	0	02	0	0	0	9	0	0				12	44	532		501	507
20	02	9869	507		511	13	23	81	0	36	0	0	0	9	0	0									
	05	9868	507		512	13	23	81	0	36	3	0	0	9	0	0									
	08	9864	506		512	13	19	81	0	00	0	0	0	9	0	1									
	11	9870	506		511	13	19	81	1	03	0	1	5	6	0	1									
	14	9877	501		510	13	13	81	1	00	0	0	0	9	0	1									
	17	9880	505		513	13	18	81	1	00	1	0	0	9	0	0									
	20	9894	506		514	13	22	81	0	02	0	0	0	9	0	0									
	23	9891	509		519	13	14	81	0	02	0	0	0	9	0	0				14	36	522		00	507
21	02	9891	505		513	13	26	80	0	36	3	0	0	9	0	0									
	05	9893	505		513	13	30	80	0	37	3	0	0	9	0	0									
	08	9889	505		512	13	30	81	6	36	3	0	0	9	0	5									
	11	9893	00		507	11	24	81	4	36	3	0	0	9	0	6									
	14	9895	01		507	14	21	81	3	03	3	2	5	8	0	1									
	17	9895	501		509	14	19	81	5	03	3	4	5	8	0	1									
	20	9898	500		508	14	18	81	0	01	1	0	0	9	0	0									
	23	9898	502		509	14	23	81	0	36	3	0	0	9	0	0				14	41	469		02	506
22	02	9902	501		508	14	21	81	2	36	3	0	0	9	0	1									
	05	9905	505		512	00	00	81	4	02	3	3	5	6	0	1									
	08	9908	503		511	14	27	81	7	36	0	7	5	6											
	11	9913	505		513	14	22	81	3	01	1	3	5	7	0	1									
	14	9922	503		511	14	12	81	2	01	1	2	5	7	0	1									
	17	9924	505		513	14	22	81	3	02	1	2	5	7	0	1									
	20	9927	506		514	13	17	81	1	02	0	1	5	7	0	0									
	23	9930	504		512	14	25	81	0	36	3	0	0	9	0	0				14	35	532		501	506
23	02	9930	507		514	14	25	81	0	36	3	0	0	9	0	0									
	05	9929	506		514	13	17	81	0	00	0	0	0	9	0	0									
	08	9932	505		513	12	27	81	4	36	3	3	5	7	0	1									
	11	9936	505		512	12	25	81	7	36	3	7	5	7											
	14	9933	505		512	12	25	81	7	36	3	7	5	7											
	17	9928	505		512	12	25	81	7	36	3	7	5	7											
	20	9934	507		513	12	25	81	1	36	3	1	5	7	0	0									
	23	9934	507		514	12	25	80	0	38	3	0	0	9	0	0				12	41	577		503	508
24	02	9947	507		515	12	13	81	0	00	3	0	0	9	0	0									
	05	9957	508		516	12	15	81	0	00	0	0	0	9	0	0									
	08	9961	507		516	13	17	81	1	00	0	1	5	6	0	0									
	11	9968	506		516	12	22	81	1	00	0	1	5	6	0	0									
	14	9979	509		517	14	19	81	1	00	0	1	5	6	0	0									
	17	9991	512		519	14	25	81	2	36	3	1	5	6	0	5									
	20	10009	509		518	00	00	81	0	02	3	0	0	9	0	0									
	23	10007	507		513	00	00	81	8	03	2	0	0	9	0	7				12	34	611		505	512
25	02	10007	509		516	11	13	80	1	36	0	1	5	6	0	0									
	05	10003	507		515	14	13	80	4	03	3	4	5	6	0	0									
	08	9996	510		518	14	20	81	3	02	1	3	5	6	0	0									
	11	10000	506		515	07	08	81	5	02	1	1	5	6	0	5									
	14	9990	504		513	09	18	81	3	02	2	1	5	6	3	5									
	17	9992	506		515	09	07	81	3	02	1	2	5	6	3	5									
	20	9996	508		517	00	00	81	4	02	1	3	5	6	0	5									
	23	9994	509		517	14	06	81	1	02	1	1	5	6	0	0				12	37	300		503	510
26	02	9993	509		517	14	12	81	1	00	0	1	5	6	0	0									
	05	9991	508		517	11	12	81	4	03	0	4	5	6	0	0									
	08	9991	510		518	11	13	81	8	03	2	8	5	6											
	11	9990	508		518	11	17	81	7	01	2	5	5	6	0	5									
	14	9998	507		517	11	13	81	7	02	2	3	5	6	2	5									
	17	9991	507		517	10	14	81	8	02	2	0	0	9	2										
	20	9993	507		517	07	09	81	8	02	2	0	0	9	2	7									
	23	9990	508		517	12	09	81	4	01	2	1	5	6	0	6				09	26	283		506	510
27	02	9985	506		515	10	13	81	8	02	2	8	5	6	4										
	05	9982	507		515	11	13	80	8	02	2	5	6	6	4										
	08	9966	505		515	09	06	80	8	70	2	8	6	6	2										
	11	9958	504		510	07	09	08	8	71	7	8	6	6	2										
	14	9948	503		508	07	05	08	8	71	7	8	6	6	2										
	17	9935	502		507	07	02	80	8	02	7	0	0	9	9	2									
	20	9926	502		506	00	00	80	8	70	7	0	0	9	2	2									
	23	9921	500		504	00	00	80	8	70	7	0	0	9	2					12	22	381		00	507

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	w	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	02	9915	01		504	00	00	80	8	02	2	0	0	9	2										
	05	9912	03		502	14	14	81	8	02	2	8	6	2											
	08	9917	01		503	14	23	80	8	36	2	8	5	4											
	11	9922	01		505	14	13	81	3	36	3	3	5	4	0	1									
	14	9934	02		504	14	16	80	2	36	2	0	0	9	3	1									
	17	9934	01		505	11	17	80	2	36	3	0	0	9	3	1									
	20	9947	01		504	11	21	80	2	36	3	0	0	9	3	1									
	23	9947	02		504	11	20	80	2	36	3	0	0	9	3	0				09	40	191		04	00
29	02	9949	02		503	11	20	80	0	36	3	0	0	9	0	0									
	05	9939	03		501	12	33	04	2	39	3	2													
	08	9939	03		500	12	32	04	7	39	3	0	0	9	7										
	11	9938	06		03	12	31	80	8	38	3	0	0	9	7										
	14	9934	09		04	12	33	40		39	3														
	17	9917	10		06	11	35	40		39	3														
	20	9904	11		07	11	35	00		39	3									12	54	532		14	02
	23	9878	13		09	11	45	00		39	3														
30	02	9871	14		09	11	45	00		39	3														
	05	9861	13		08	11	39	01		39	3														
	08	9861	14		08	11	40	24		39	3														
	11	9863	15		08	11	34	24	8	39	3	8	7	2											
	14	9888	16		07	11	13	80	8	36	3	8	7	5											
	17	9889	15		06	11	15	81	8	02	3	8	7	5											
	20	9888	15		07	09	18	81	2	01	2	2	5	6											
	23	9890	12		05	09	08	81	8	03	1	8	5	6						12	54	989		16	11

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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	9873	16		06	10	26	81	8	02	2	8	5	6											
	05	9873	15		04	10	21	81	6	02	2	6	5	5											
	08	9838	15		05	11	36	80	8	38	2	8	5	5											
	11	9835	15		04	11	37	80	8	38	3	8	5	5											
	14	9823	15		04	11	33	80	8	38	3	5	5	6	7	8									
	17	9816	14		04	11	35	81	8	38	3	8	5	6	8										
	20	9817	13		06	11	25	81	2	36	3	2	5	6	0	0									
	23	9813	13		03	11	25	81	2	36	3	2	5	6	0	0				12	55	645		16	11
02	02	9825	14		02	31	12	81	2	02	3	2	5	6	0	0									
	05	9829	13		501	00	00	81	5	02	1	5	5	6	0	0									
	08	9827	11		501	13	14	81	6	02	2	1	5	6	3	6									
	11	9855	06		501	00	00	81	7	02	2	0	0	9	1	6									
	14	9871	07		502	00	00	81	3	01	1	0	0	9	1	6									
	17	9886	05		505	00	00	81	3	02	0	0	0	9	0	6									
	20	9905	02		509	11	15	81	2	02	0	2	5	6	0	0									
	23	9920	00		511	14	12	81	1	02	0	1	5	6	0	0				12	33	668		15	00
03	02	9931	00		511	00	00	81	1	00	0	1	5	6	0	0									
	05	9945	501		511	00	00	81	4	03	0	4	5	6	0	0									
	08	9958	01		512	11	02	81	6	02	0	2	5	6	0	6									
	11	9975	01		511	11	09	81	8	03	2	0	0	9	7	5									
	14	9985	02		508	00	00	81	7	02	2	0	0	9	7	6									
	17	9989	02		508	11	21	81	7	03	2	0	0	9	7	6									
	20	10000	503		514	14	15	81	3	01	1	0	0	9	7	0									
	23	10008	502		513	15	17	81	2	01	1	0	0	9	7	0				14	27	182		03	503
04	02	10012	503		514	15	17	81	2	00	0	0	0	9	7	0									
	05	10021	502		513	14	14	81	2	00	0	0	0	9	7	0									
	08	10018	503		513	14	24	81	2	36	3	0	0	9	1	5									
	11	10024	502		513	14	24	81	8	02	3	0	0	9	1	6									
	14	10032	01		512	11	22	81	8	02	2	0	0	9	1	6									
	17	10035	01		512	11	25	81	8	02	2	0	0	9	1	6									
	20	10036	500		513	11	27	81	3	01	0	0	0	9	1	6									
	23	10035	502		514	11	25	81	2	01	0	0	0	9	1	5				12	38	288		02	504
05	02	10040	503		513	12	16	81	0	01	1	0	0	9	0	0									
	05	10031	504		516	12	17	81	0	02	0	0	0	9	0	0									
	08	10026	506		518	13	16	81	1	02	0	1	5	9	0	0									
	11	10027	506		518	13	11	81	3	02	1	2	5	6	0	0									
	14	10018	506		517	13	17	81	4	03	1	4	5	6	0	0									
	17	10009	506		517	13	18	81	7	03	2	7	5	5											
	20	10009	506		517	13	21	81	7	02	2	7	5	5											
	23	10006	505		516	13	16	81	3	01	1	3	5	5						12	30	529		503	508
06	02	9992	509		521	14	25	81	0	01	0	0	0	9	0	0									
	05	9988	505		518	13	30	81	2	02	0	2	0	5	0	0									
	08	9972	507		518	13	13	81	6	02	2	1	5	6	3	5									
	11	9953	507		518	12	17	81	8	02	2	1	5	6	2	6									
	14	9929	01		511	09	11	81	8	03	2	0	0	9	2	6									
	17	9904	02		508	11	24	81	8	36	2	0	0	9	1										
	20	9882	04		506	12	26	80	8	36	3	0	0	9	1										
	23	9859	08		502	12	31	80	8	36	3	0	0	9	1					12	52	521		10	507
07	02	9834	13		06	13	35	40	8	38	3	0	0	9	1										
	05	9814	15		07	13	39	04		38	3														
	08	9805	13		07	13	39	02		39	3														
	11	9786	13		07	13	44	04		39	3														
	14	9791	13		12	11	40	00		39	3														
	17	9797	13		12	11	43	00		39	3														
	20	9804	13		12	11	41	00		39	3														
	23	9804	12		11	12	43	00		39	3									12	63	679		16	10
08	02	9793	13		12	12	48	00		39	3														
	05	9809	13		12	12	44	00		39	3														
	08	9818	13		11	12	48	00		39	3														
	11	9827	12		11	12	44	00		39	3														
	14	9836	13		12	12	45	00		39	3														
	17	9843	13		12	12	45	00		39	3														
	20	9848	14		13	12	43	01	8	39	3	8	7	2											
	23	9868	13		12	12	39	04	8	39	3	8	5	3								1145		14	12
09	02	9891	13		08	13	19	80	8	02	3	8	5	5	7										
	05	9899	08		504	15	23	81	5	02	3	2	5	6	0	1									
	08	9907	07		506	15	19	81	2	02	1	1	5	6	0	0									
	11	9916	03		509	15	13	81	3	03	1	1	5	6	0	0									
	14	9924	02		511	14	15	81	1	00	0	1	5	6	0	0									
	17	9927	02		510	14	10	81	1	02	1	1	5	6	0	0									
	20	9938	00		512	12	06	81	1	02	1	0	5	6	0	0									
	23	9945	01		511	13	09	81	8	03	2	1	5	6	3	0				12	29	906		13	503

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
10	02	9967	00		505	13	18	81	8	02	2	8	5	6											
	05	9985	500		505	11	20	81	8	02	2	8	5	5											
	08	10004	00		504	10	18	04		38	3														
	11	10026	501		506	10	18	05	7	71	7	3	6	1	7										
	14	10053	501		507	11	15	12	8	71	7	8	6	4											
	17	10071	504		509	12	20	08	8	71	7	8	6	5											
	20	10086	503		510	12	20	81	6	36	7	0	0	9	0	8									
	23	10096	505		513	13	16	81	6	02	2	0	0	9	0	8				12	34	382		01	506
11	02	10100	506		512	13	22	81	8	02	2	0	0	9	0	8									
	05	10097	504		513	13	20	81	8	02	2	2	5	6	3	7									
	08	10089	506		513	13	28	40	7	36	3	1	5	6	0	7									
	11	10076	508		514	14	30	01	7	39	3	2	5	6	0	7									
	14	10079	504		514	00	00	81	5	01	3	2	5	6	0	6									
	17	10064	501		511	00	00	81	7	02	2	1	5	6	0	6									
	20	10042	502		508	18	04	81	1	01	1	0	0	9	0	1									
	23	10015	502		508	16	05	82	1	00	0	0	0	9	0	1				13	42	502		504	508
12	02	9982	509		518	00	00	82	0	02	0	0	0	9	0	0									
	05	9952	511		520	00	00	81	0	02	0	0	0	9	0	0									
	08	9919	512		520	00	00	81	0	02	0	0	0	9	0	0									
	11	9901	513		522	00	00	81	0	02	0	0	0	9	0	0									
	14	9875	508		518	14	11	81	0	00	0	0	0	9	0	0									
	17	9847	509		523	14	12	81	0	00	0	0	0	9	0	0									
	20	9847	508		519	07	15	81	0	00	0	0	0	9	0	0									
	23	9845	508		520	07	10	81	0	00	0	0	0	9	0	0				21	31	217		505	513
13	02	9847	509		520	00	00	81	1	02	0	0	0	9	1	0									
	05	9843	505		519	21	05	81	1	02	0	0	0	9	1	0									
	08	9835	505		515	12	24	81	0	02	0	0	0	9	0	0									
	11	9835	506		515	13	27	81	0	00	0	0	0	9	0	0									
	14	9852	505		515	13	19	81	3	03	1	3	5	6	0	0									
	17	9861	505		511	13	36	01	6	39	3	4	5	6	1										
	20	9879	505		509	13	35	00		39	3														
	23	9891	505		507	14	31	00	0	39	3	0	0	9	0	0				13	54	299		504	510
14	02	9928	501		507	32	07	80	2	02	3	0	0	9	1	0									
	05	9959	503		510	00	00	82	3	02	0	0	0	9	1	0									
	08	9984	500		509	00	00	82	1	02	1	1	6	2	0	0									
	11	10015	01		511	00	00	82	0	00	0	0	0	9	0	0									
	14	10030	04		510	00	00	82	1	02	0	0	0	9	1	0									
	17	10053	03		508	00	00	82	3	02	1	0	0	9	1	5									
	20	10055	08		504	13	09	81	2	02	1	0	0	9	1	0									
	23	10068	08		504	13	18	81	8	03	2	0	0	9	7	6				13	26	437		08	504
15	02	10073	02		506	00	00	81	1	01	1	0	0	9	1	0									
	05	10082	03		508	00	00	81	3	03	1	0	0	9	1	0									
	08	10080	07		505	00	00	81	6	03	1	0	0	9	1	0									
	11	10077	06		508	00	00	81	8	03	2	0	0	9	4	0									
	14	10081	07		505	14	05	81	8	02	2	0	0	9	2	0									
	17	10076	05		504	00	00	81	8	02	2	0	0	9	2										
	20	10067	06		504	00	00	81	7	02	2	0	0	9	2										
	23	10049	05		01	00	00	81	6	70	7	6	0	9	1	0				13	22	206		10	00
16	02	10043	03		502	00	00	81	0	00	2	0	0	9	0	0									
	05	10034	501		507	00	00	81	0	00	0	0	0	9	0	0									
	08	10021	01		507	00	00	81	0	00	0	0	0	9	0	0									
	11	10006	02		507	00	00	82	3	03	0	0	0	9	0	5									
	14	9996	500		507	00	00	82	8	02	1	0	0	9	1	6									
	17	9965	00		509	00	00	82	8	02	2	0	0	8	2	6									
	20	9932	10		503	12	18	81	8	02	2	0	0	8	2	6									
	23	9895	12		502	10	22	81	8	02	2	0	0	8	2	6				13	32	129		13	501
17	02	9879	09		503	11	03	81	8	02	2	0	0	9	2										
	05	9851	12		500	13	17	81	8	02	2	0	0	9	2										
	08	9861	05		503	00	00	81	8	02	2	0	0	9	0	4									
	11	9835	03		502	00	00	81	8	03	2	0	0	9	2										
	14	9817	05		501	00	00	81	8	02	2	0	0	9	2										
	17	9802	09		503	12	07	81	8	02	2	0	0	9	2										
	20	9797	07		505	12	25	81	5	01	2	0	0	9	2										
	23	9792	05		505	16	31	01	8	38	2	0	0	9	2	7				12	50	308		13	03
18	02	9799	01		507	09	02	81	0	01	3	0	0	9	0	0									
	05	9781	500		509	09	01	81	0	00	0	0	0	9	0	0									
	08	9768	501		512	20	03	81	0	00	0	0	0	9	0	0									
	11	9765	501		513	15	22	82	1	03	0	0	0	9	0	1									
	14	9784	503		516	13	19	82	1	02	0	1	5	6	0	0									
	17	9790	503		516	00	00	82	0	02	0	0	0	9	0	0									
	20	9816	507		520	10	08	82	0	02	0	0	0	9	0	0									
	23	9842	509		522	14	80	82	0	02	0	0	0	9	0	0				18	46	266		08	509

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
19	02	9859	511		519	19	27	81	0	36	0	0	0	9	0	0									
	05	9885	511		523	13	25	81	0	02	3	0	0	9	0	0									
	08	9907	513		525	15	26	82	0	02	0	0	0	9	0	0									
	11	9927	515		525	15	27	82	0	36	0	0	0	9	0	0									
	14	9938	514		523	16	19	82	0	36	0	0	0	9	0	0									
	17	9952	515		523	20	19	80	0	38	0	0	0	9	0	0									
	20	9957	515		523	20	09	81	0	00	3	0	0	9	0	0									
	23	9964	513		522	36	05	81	0	00	3	0	0	9	0	0				14	43	442		508	515
20	02	9968	513		521	00	00	81	0	02	0	0	0	9	0	0									
	05	9971	515		523	00	00	81	0	02	0	0	0	9	0	0									
	08	9983	514		521	23	02	81	0	02	0	0	0	9	0	0									
	11	9988	511		520	26	04	81	1	03	0	0	0	9	3	0									
	14	9991	505		509	15	36	00		39	3														
	17	10022	508		514	22	09	81	1	01	3	1	5	6	0	0									
	20	10039	506		513	17	04	81	0	02	0	0	0	9	0	0									
	23	10007	501		515	14	26	81	0	02	0	0	0	9	0	0				14	52	344		501	516
21	02	10011	503		512	22	09	81	0	00	0	0	0	9	0	0									
	05	9993	03		509	16	18	81	1	00	0	1	5	6	0	0									
	08	9975	05		509	17	23	81	0	02	0	0	0	9	0	0									
	11	9971	06		509	20	22	81	1	39	0	1	5	6	0	0									
	14	9977	503		512	00	00	81	1	02	3	1	5	6	0	0									
	17	9985	03		511	12	14	82	1	02	0	1	5	6	0	0									
	20	9991	502		514	00	00	81	0	01	0	0	0	9	0	0									
	23	9982	503		516	00	00	81	0	02	0	0	0	9	0	0				13	39	368		07	505
22	02	9967	503		516	15	08	81	0	02	0	0	0	9	0	0									
	05	9928	503		516	00	00	81	0	00	0	0	0	9	0	0									
	08	9884	504		520	18	01	81	1	03	0	0	0	9	3	0									
	11	9865	506		518	00	00	81	1	02	1	0	0	9	3	0									
	14	9828	507		518	00	00	81	2	02	0	0	0	9	3	0									
	17	9815	508		518	00	00	81	6	03	0	1	5	6	4	0									
	20	9802	505		517	20	08	81	0	01	0	0	0	9	0	0									
	23	9797	505		516	00	00	81	0	02	0	0	0	9	0	0				12	15	237		501	508
23	02	9795	504		515	00	00	81	0	02	0	0	0	9	0	0									
	05	9796	506		516	00	00	81	0	00	0	0	0	9	0	0									
	08	9803	506		516	00	00	81	0	02	0	0	0	9	0	0									
	11	9802	502		515	14	12	81	0	02	0	0	0	9	0	0									
	14	9828	504		515	12	17	81	0	00	0	0	0	9	0	0									
	17	9843	505		517	11	18	82	0	02	0	0	0	9	0	0									
	20	9863	505		517	13	14	81	0	02	0	0	0	9	0	0									
	23	9872	509		520	15	15	81	0	02	0	0	0	9	0	0				12	23	106		01	509
24	02	9880	506		518	00	00	81	0	02	0	0	0	9	0	0									
	05	9889	509		521	12	02	81	0	02	0	0	0	9	0	0									
	08	9902	511		521	00	00	81	1	03	0	0	0	9	3	0									
	11	9916	504		515	18	17	81	0	02	0	0	0	9	0	0									
	14	9914	506		521	13	30	81	1	02	0	1	5	6	4	0									
	17	9921	509		523	12	24	81	1	02	0	1	5	6	0	0									
	20	9925	511		524	11	27	81	3	03	0	0	0	9	7	0									
	23	9928	509		522	11	20	81	3	02	0	0	0	9	7	0				12	37	147		503	511
25	02	9930	510		523	12	20	81	2	02	0	0	0	9	7	0									
	05	9929	511		523	12	17	81	3	03	0	0	0	9	7	0									
	08	9931	510		523	12	14	81	2	02	0	0	0	9	7	0									
	11	9948	510		520	12	14	81	6	03	2	2	6	4	7	0									
	14	9944	509		521	12	17	81	5	03	2	4	6	4	3	0									
	17	9940	509		522	13	26	81	2	02	0	1	5	6	4	0									
	20	9935	506		518	13	19	81	0	02	0	0	0	9	0	0									
	23	9927	506		519	13	26	81	0	02	0	0	0	9	0	0				14	34	628		505	511
26	02	9912	502		517	13	25	81	0	02	0	0	0	9	0	0									
	05	9904	503		518	13	22	81	0	02	0	0	0	9	0	0									
	08	9899	505		518	13	22	81	2	03	1	2	5	6	0	0									
	11	9896	503		517	13	22	81	2	02	1	2	5	6	0	0									
	14	9897	506		519	13	18	81	0	01	1	0	0	9	0	0									
	17	9890	504		518	13	15	81	0	00	0	0	0	9	0	0									
	20	9887	505		519	13	25	81	0	00	0	0	0	9	0	0									
	23	9880	503		518	13	23	81	0	00	0	0	0	9	0	0				14	34	544		501	508
27	02	9861	501		516	12	37	81	0	36	3	0	0	9	0	0									
	05	9875	501		515	13	38	81	0	36	3	0	0	9	0	0									
	08	9875	00		514	13	36	80	8	38	3	0	0	9	2										
	11	9876	03		512	13	36	81	7	36	3	0	0	9	2										
	14	9891	00		515	15	31	81	7	02	3	0	0	9	2										
	17	9893	03		512	14	28	81	6	01	2	0	0	9	3	1									
	20	9903	501		513	14	24	81	0	02	1	0	0	9	0	0									
	23	9902	502		516	15	27	81	0	02	0	0	0	9	0	0				14	49	621		03	504

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
28	02	9902	505		519	15	22	81	0	02	0	0	0	9	0	0									
	05	9903	503		517	14	12	81	2	03	1	2	5	6	0	0									
	08	9900	504		518	15	19	81	1	02	0	1	5	6	0	0									
	11	9889	503		518	13	24	81	1	02	0	1	5	6	0	0									
	14	9880	503		518	13	22	81	1	02	0	1	5	6	0	0									
	17	9879	503		517	13	18	81	0	02	0	0	0	9	0	0									
	20	9869	505		519	13	18	81	0	02	0	0	0	9	0	0				13	37	624		502	506
	23	9853	505		519	13	17	81	0	02	0	0	0	9	0	0									
29	02	9848	506		519	14	17	81	1	03	1	1	5	6	0	0									
	05	9843	505		519	13	18	81	0	01	0	0	0	9	0	0									
	08	9846	507		521	13	17	81	0	02	0	0	0	9	0	0									
	11	9841	505		519	13	19	81	0	02	0	0	0	9	0	0									
	14	9835	503		517	13	16	81	0	00	0	0	0	9	0	0									
	17	9828	501		516	14	17	81	0	02	0	0	0	9	0	0									
	20	9824	504		517	14	20	81	0	02	0	0	0	9	0	0				13	38	471		501	507
	23	9815	502		516	13	25	81	0	02	0	0	0	9	0	0									
30	02	9810	502		516	13	23	81	0	00	0	0	0	9	0	0									
	05	9809	01		513	13	22	81	7	03	1	4	5	7	2										
	08	9803	02		512	13	27	81	7	03	2	7	5	7											
	11	9809	03		510	13	23	81	7	03	2	7	5	6											
	14	9815	06		509	13	22	81	7	02	2	7	5	6											
	17	9820	07		507	13	17	81	8	02	2	8	5	6											
	20	9820	00		514	13	22	81	5	01	2	5	5	6						13	37	541		07	504
	23	9824	00		514	14	15	81	3	01	2	3	5	6											
31	02	9827	505		518	15	25	81	0	01	1	0	0	9	0	0									
	05	9829	504		518	15	18	81	0	00	0	0	0	9	0	0									
	08	9828	504		518	14	14	81	0	02	0	0	0	9	0	0									
	11	9829	508		522	16	20	81	1	02	0	1	5	7	0	0									
	14	9838	509		522	14	17	81	1	02	0	1	5	7	0	0									
	17	9841	509		522	14	13	81	0	02	0	0	0	9	0	0									
	20	9843	512		524	14	18	81	0	02	0	0	0	9	0	0				12	53	548		01	513
	23	9845	512		524	15	19	81	0	02	0	0	0	9	0	0									

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	9852	510		524	15	20	81	0	00	0	0	0	9	0	0									
	05	9844	507		522	14	19	81	0	00	0	0	0	9	0	0									
	08	9844	508		522	12	28	81	0	02	0	0	0	9	0	0									
	11	9854	510		524	12	30	81	7	03	0	1	5	6	0	1									
	14	9862	511		525	12	31	81	3	01	1	3	5	6	0	0									
	17	9877	509		523	13	28	81	7	03	2	7	5	6											
	20	9895	508		523	13	23	81	7	02	2	7	5	6											
	23	9900	509		525	13	18	81	3	01	2	3	5	6	0	0				13	43	478		507	511
02	02	9903	512		527	15	10	81	0	01	1	0	0	9	0	0									
	05	9908	517		531	15	17	81	0	02	0	0	0	9	0	0									
	08	9901	515		530	00	00	81	0	02	0	0	0	9	0	0									
	11	9898	517		531	00	00	81	2	03	0	1	5	6	0	1									
	14	9888	517		531	14	01	81	3	02	0	3	5	6	0	0									
	17	9879	520		533	14	07	81	3	02	0	3	5	6	0	0									
	20	9869	518		533	00	00	81	3	02	0	3	5	6	0	0									
	23	9857	520		537	14	14	81	8	01	0	1	5	6	0	0				12	23	561		509	521
03	02	9850	520		534	00	00	81	0	01	0	0	0	9	0	0									
	05	9841	520		534	14	11	81	0	02	0	0	0	9	0	0									
	08	9835	520		534	13	02	81	1	02	0	1	5	6	0	0									
	11	9828	519		534	19	02	81	1	02	0	1	5	7	0	0									
	14	9818	521		534	00	00	81	2	03	0	1	5	7	0	5									
	17	9812	519		534	00	00	81	2	02	0	1	5	6	0	5									
	20	9802	517		531	11	10	81	2	02	0	1	5	6	0	5									
	23	9784	515		529	13	22	81	2	02	0	2	5	6	0	0				13	37	190		514	521
04	02	9771	511		526	13	31	81	2	36	0	2	5	6	0	0									
	05	9758	511		523	13	36	05	3	38	3	3	5	6	0	0									
	08	9753	510		521	13	33	40	2	38	3	2	5	6	0	0									
	11	9748	507		520	13	30	81	2	38	3	1	5	6	0	5									
	14	9759	511		524	13	27	81	1	36	3	1	5	6	0	0									
	17	9776	511		523	13	31	81	1	02	3	1	5	6	0	0									
	20	9796	511		524	15	29	81	1	36	3	1	5	6	0	0									
	23	9809	510		522	13	29	81	1	36	3	1	5	6	0	0				13	56	464		507	514
05	02	9818	509		522	13	27	81	0	36	3	0	0	9	0	0									
	05	9822	512		525	13	22	81	0	36	3	0	0	9	0	0									
	08	9817	512		525	13	22	81	0	00	3	0	0	9	0	0									
	11	9812	512		525	13	30	81	1	36	3	0	0	9	0	5									
	14	9792	510		524	13	31	81	8	36	3	0	0	9	0	7									
	17	9761	510		524	12	31	81	8	02	3	1	6	2	2										
	20	9703	503		515	12	38	81	8	36	3	2	6	2	2										
	23	9642	500		510	12	60	02	8	38	3	0	0	9	2					13	83	662		00	514
06	02	9641	02		505	13	57	04	8	36	3	0	0	9	2										
	05	9639	03		503	13	51	08	8	36	3	0	0	9	2										
	08	9643	06		504	13	50	08	8	36	3	0	0	9	2										
	11	9675	05		504	13	40	04		37	3														
	14	9741	06		506	13	41	40	8	36	3	0	0	9	2										
	17	9774	06		505	13	31	81	8	02	3	0	0	9	2										
	20	9797	08		505	13	20	81	8	02	2	0	0	9	2										
	23	9813	08		505	12	14	81	7	02	2	1	5	6	7					13	69	1037		10	00
07	02	9845	07		502	12	19	81	5	02	2	0	0	9	7										
	05	9844	06		506	14	17	81	3	01	1	0	0	9	7										
	08	9847	05		507	11	18	81	3	02	0	0	0	9	7										
	11	9858	05		506	11	17	81	7	03	2	0	0	9	7										
	14	9863	05		506	12	19	81	7	02	2	0	3	5	7										
	17	9864	05		506	12	17	81	8	02	2	1	6	5	7										
	20	9864	05		506	12	16	80	8	02	2	4	6	4	7										
	23	9877	05		506	13	13	80	8	02	2	5	6	4	7					13	29	602		08	05
08	02	9875	03		507	13	09	80	8	02	2	2	6	4	7										
	05	9870	501		511	14	21	81	6	01	2	0	0	9	3										
	08	9868	508		517	15	33	81	0	01	1	0	0	9	0										
	11	9863	512		518	15	37	08	6	38	3	0	0	9	3	0									
	14	9851	513		517	15	38	08	2	38	3	0	0	9	3	0									
	17	9839	513		517	15	37	04	1	38	3	0	0	9	3	0									
	20	9820	510		515	15	31	81	1	36	3	1	5	6	3	0									
	23	9811	509		515	15	27	81	1	02	0	1	5	6	0	0				12	48	379		05	513
09	02	9808	508		517	14	22	81	0	02	0	0	0	9	0	0									
	05	9804	509		519	13	22	81	1	02	0	0	0	9	0	5									
	08	9797	508		519	14	20	81	0	01	0	0	0	9	0	0									
	11	9799	509		519	14	24	81	1	03	1	0	0	9	0	5									
	14	9797	508		520	15	14	81	1	01	0	0	0	9	0	5									
	17	9790	512		523	14	15	81	1	01	0	0	0	9	0	1									
	20	9786	514		526	15	21	81	0	00	0	0	0	9	0	0									
	23	9791	515		525	14	01	81	0	00	0	0	0	9	0	0				12	42	641		505	516

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
10	02	9798	517		529	15	22	81	1	02	0	1	5	6	0	0									
	05	9807	515		526	14	13	81	1	03	1	1	5	6	0	0									
	08	9825	514		522	14	22	81	3	03	2	3	5	6	0	0									
	11	9848	515		523	14	23	81	8	36	2	8	5	5											
	14	9871	513		523	14	32	80	8	36	2	8	5	4											
	17	9905	513		522	14	33	40	8	02	2	8	6	3											
	20	9942	516		520	14	35	01		39	3														
	23	9966	516		520	14	30	40	8	02	3	8	5	6						13	49	387		513	517
11	02	9975	515		524	14	31	40	8	38	3	8	5	6											
	05	9991	513		523	14	32	80	8	36	3	8	5	6											
	08	9992	513		525	14	37	80	3	38	3	3	5	6	0	0									
	11	10000	513		525	14	35	80	8	39	3	0	0	9	0	6									
	14	10015	513		523	14	19	81	8	02	3	0	0	9	0	6									
	17	10010	513		524	14	15	81	2	02	0	2	5	6	0	0									
	20	10006	511		522	22	13	81	7	03	0	2	5	6	0	8									
	23	9992	513		524	16	06	81	8	02	0	1	5	6	0	6				13	50	698		511	517
12	02	9984	517		527	14	15	81	4	01	1	0	0	9	0	8									
	05	9967	514		525	14	05	81	1	01	1	1	5	6	0	0									
	08	9950	513		525	20	10	81	2	03	1	1	5	6	0	1									
	11	9942	510		523	18	08	81	3	02	1	1	5	6	0	5									
	14	9927	510		522	02	02	81	1	01	1	0	0	9	0	8									
	17	9922	510		522	19	05	81	1	02	0	1	5	6	0	0									
	20	9915	514		523	00	00	81	0	01	0	0	0	9	0	0									
	23	9903	514		527	25	10	81	0	02	0	0	0	9	0	0				18	39	397		507	517
13	02	9893	507		522	25	06	81	0	02	0	0	0	9	0	0									
	05	9899	511		524	25	08	81	1	00	0	0	0	9	4	0									
	08	9896	505		520	26	05	81	5	03	1	0	0	9	3	6									
	11	9890	508		520	08	08	81	2	02	0	0	0	9	3	6									
	14	9904	508		520	00	00	81	2	01	0	0	0	9	0	8									
	17	9903	506		521	15	16	81	1	02	0	1	5	6	0	6									
	20	9911	502		520	12	25	81	2	02	0	1	5	6	0	0									
	23	9917	509		523	12	20	81	6	03	0	1	5	6	0	6				20	47	265		501	513
14	02	9923	509		524	12	16	81	6	02	0	1	5	6	0	6									
	05	9931	512		522	20	01	81	6	02	2	0	0	9	0	8									
	08	9935	513		523	18	02	81	4	02	2	0	0	9	0	5									
	11	9935	516		527	00	00	81	8	03	2	0	0	9	1	6									
	14	9937	515		526	00	00	81	8	02	2	0	0	9	7	7									
	17	9940	517		528	06	11	81	8	02	0	0	0	9	4	6									
	20	9940	515		527	00	00	81	6	01	0	0	0	9	0	6									
	23	9937	516		528	15	10	81	0	01	0	0	0	9	0	0				12	32	278		508	517
15	02	9927	515		527	14	12	81	0	01	0	0	0	9	0	0									
	05	9923	514		527	14	08	81	0	00	0	0	0	9	0	0									
	08	9922	512		525	14	17	81	0	02	0	0	0	9	0	0									
	11	9922	511		526	15	17	81	2	03	0	1	5	6	0	5									
	14	9910	510		521	14	13	81	2	01	0	0	0	9	0	5									
	17	9908	510		525	13	25	81	2	02	0	0	0	9	0	5									
	20	9900	509		525	13	27	81	2	02	0	0	0	9	0	0									
	23	9897	508		524	13	20	81	0	01	0	0	0	9	0	0				13	35	220		507	516
16	02	9886	511		525	00	00	81	0	02	0	0	0	9	0	0									
	05	9881	509		525	13	23	81	0	02	0	0	0	9	0	0									
	08	9875	510		527	18	07	81	0	02	0	0	0	9	0	0									
	11	9864	512		527	13	23	81	3	03	0	0	0	9	7	0									
	14	9851	512		527	13	23	81	2	02	0	0	0	9	1	0									
	17	9844	512		527	13	23	81	2	02	0	0	0	9	1	0									
	20	9834	509		525	13	23	81	3	03	1	0	0	9	1	0									
	23	9817	508		524	13	23	81	2	01	1	0	0	9	1	0				12	43	417		508	513
17	02	9810	510		525	13	24	81	0	01	1	0	0	9	0	0									
	05	9801	508		524	13	21	81	0	02	0	0	0	9	0	0									
	08	9796	508		524	16	20	81	0	02	0	0	0	9	0	6									
	11	9786	503		521	12	31	81	7	03	2	0	0	9	2	0									
	14	9787	500		513	12	29	81	4	01	1	0	0	9	7	0									
	17	9805	500		511	13	23	81	8	03	2	0	0	9	7	0									
	20	9801	03		510	13	22	81	8	02	2	0	0	9	7	6									
	23	9809	09		504	13	32	81	8	02	2	1	7	4	7					12	47	498		09	510
18	02	9813	11		502	13	35	81	8	02	2	0	0	9	7										
	05	9822	12		502	13	35	81	8	02	2	0	0	9	7										
	08	9834	13		501	12	32	81	8	02	2	0	0	9	7										
	11	9845	12		502	13	31	81	6	01	2	0	0	9	7										
	14	9861	13		501	13	41	81	8	03	2	0	0	9	7	5									
	17	9880	13		503	13	42	81	7	02	2	0	0	9	7										
	20	9891	13		503	13	41	81	6	02	2	0	0	9	7										
	23	9905	13		503	13	41	81	7	02	2	0	0	9	7					13	56	685		14	09

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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	9924	12		502	13	36	81	8	02	2	0	0	9	7										
	05	9938	13		502	13	38	81	8	02	2	0	0	9	7										
	08	9944	13		501	13	31	81	8	02	2	0	0	9	7										
	11	9951	13		501	13	30	81	8	02	2	0	0	9	7										
	14	9964	12		500	13	30	81	8	02	2	0	0	9	7									1	
	17	9969	12		500	13	28	81	8	02	2	0	0	9	7									1	
	20	9973	11		02	13	28	81	8	70	7	8	5	5											
	23	9977	11		02	13	27	81	8	70	7	7	5	4						13	50	840		11	13
20	02	9984	11		02	13	23	80	7	70	7	8	5	4											
	05	9987	11		02	13	23	40	8	70	7	8	5	5											
	08	9993	10		01	11	21	80	8	02	7	8	5	5											
	11	9988	11		01	11	21	80	8	02	2	8	6	5											
	14	9992	11		01	11	16	80	8	02	7	8	6	5											
	17	9990	11		01	11	19	80	8	02	2	8	5	5											
	20	9986	10		02	00	00	80	8	02	2	8	5	5											
	23	9981	10		01	09	05	40	8	02	2	8	5	4						13	35	642		11	09
21	02	9972	09		01	36	05	40	8	02	2	8	5	5											
	05	9958	07		01	00	00	40	8	02	2	8	5	7											
	08	9950	07		01	00	00	40	8	02	2	8	5	7											
	11	9938	08		01	00	00	40	8	02	2	8	5	7											
	14	9922	08		504	00	00	80	6	01	2	6	5	7											
	17	9914	05		508	00	00	81	6	02	2	6	5	6	0	0									
	20	9902	02		510	16	18	81	4	01	2	4	5	6	0	0									
	23	9897	00		512	18	16	81	3	01	1	3	5	6	0	0				12	29	279		10	501
22	02	9884	503		514	14	17	81	0	01	1	0	0	9	0	0									
	05	9900	506		516	14	23	81	1	03	1	1	5	6	0	0									
	08	9906	504		517	14	23	81	1	02	0	1	5	6	0	0									
	11	9931	503		518	14	16	81	2	02	0	2	5	6	0	0									
	14	9958	506		519	14	30	81	7	03	1	7	5	6											
	17	9980	504		517	14	26	81	8	03	2	8	5	5											
	20	10003	504		519	14	18	81	1	01	2	1	5	5	0	0									
	23	10027	510		523	16	13	81	0	02	0	0	0	9	0	0				12	36	184		500	512
23	02	10044	512		524	17	10	81	0	02	0	0	0	9	0	0									
	05	10060	513		526	00	00	81	1	02	0	1	5	5	0	0									
	08	10066	513		527	00	00	81	1	02	0	1	5	5	0	0									
	11	10078	513		526	13	20	81	0	01	0	0	0	9	0	0									
	14	10080	512		526	12	18	81	1	03	0	1	5	6	0	0									
	17	10090	513		527	14	08	81	1	02	0	1	5	6	0	0									
	20	10091	513		527	14	08	81	1	02	0	1	5	6	0	0									
	23	10090	513		527	14	16	81	1	02	0	1	5	6	0	0				12	33	367		508	515
24	02	10086	513		528	13	28	81	0	02	0	0	0	9	0	0									
	05	10086	515		529	13	25	81	1	02	0	1	5	5	0	0									
	08	10086	515		528	15	22	81	0	02	0	0	0	9	0	0									
	11	10080	513		526	12	27	81	3	03	0	1	5	6	0	4									
	14	10081	515		528	12	26	81	3	02	2	1	5	6	0	4									
	17	10079	515		523	12	23	81	2	02	1	1	5	6	0	4									
	20	10074	513		525	12	23	81	1	02	1	0	0	9	0	5									
	23	10065	510		522	12	17	81	6	03	2	3	5	6	0	6				10	34	316		510	516
25	02	10062	511		522	12	17	81	7	03	2	1	5	6	7	6									
	05	10057	509		520	11	17	81	7	02	2	4	5	6	0	6									
	08	10047	508		518	07	04	80	8	70	2	8	5	5											
	11	10042	509		513	22	01	08	8	22	7	8	7	3											
	14	10030	508		513	00	00	08	8	71	7	8	6	3											
	17	10019	508		512	00	00	24	8	70	7	8	6	3											
	20	10003	508		512	00	00	64	8	02	7	8	6	4											
	23	9991	507		512	00	00	64	8	02	2	4	6	4	2					11	25	472		507	511
26	02	9976	509		513	00	00	64	8	02	2	4	6	4	2										
	05	9964	508		514	00	00	40	8	70	7	2	6	5	1	7									
	08	9945	511		516	00	00	40	8	01	2	2	6	5	1	7									
	11	9937	513		517	00	00	24	8	70	7	2	6	5	1	7									
	14	9921	513		518	00	00	81	8	01	2	1	5	6	1	7									
	17	9910	513		518	00	00	24	8	02	2	3	6	6	1	7									
	20	9910	511		517	00	00	80	6	01	2	1	6	5	0	6									
	23	9914	511		518	15	06	80	6	02	2	0	0	9	0	6				11	20	050		508	513
27	02	9914	511		518	16	12	40	6	02	2	0	0	9	0	6									
	05	9917	515		520	15	30	04	0	38	3	0	0	9	0	0									
	08	9922	514		518	13	31	04	0	38	3	0	0	9	0	0									
	11	9927	517		520	14	34	01	2	38	3	0	0	9	3	0									
	14	9936	515		519	13	31	40	2	38	3	2	5	6	0	0									
	17	9948	516		525	12	33	56	1	38	3	1	5	6	0	0									
	20	9962	519		526	12	31	81	1	02	3	1	5	6	0	0									
	23	9962	516		526	12	22	81	0	02	0	0	0	9	0	0				13	45	241		511	519

Results of Surface Observations,
MAWSON – Jun., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	02	9963	519		529	13	26	81	0	00	0	0	0	9	0	0									
	05	9965	519		527	13	25	81	1	03	0	1	5	5	0	0									
	08	9951	519		523	14	26	80	1	36	3	1	5	5	0	0									
	11	9937	517		523	15	25	80	0	36	3	0	0	9	0	0									
	14	9914	516		521	15	31	40	0	38	3	0	0	9	0	0									
	17	9904	515		521	00	00	16	0	39	3	0	0	9	0	0									
	20	9868	516		521	19	24	40	0	38	3	0	0	9	0	0									
	23	9822	514		519	16	25	24	0	38	3	0	0	9	0	0				11	44	659		513	520
29	02	9766	512		517	16	18	80	0	38	3	0	0	9	0	0									
	05	9729	511		517	16	21	81	0	00	3	0	0	9	0	0									
	08	9696	513		519	11	07	81	1	03	0	1	5	5	0	0									
	11	9671	510		516	07	03	81	0	01	0	0	0	9	0	0									
	14	9657	512		520	00	00	81	0	02	0	0	0	9	0	0									
	17	9649	517		523	00	00	81	0	00	0	0	0	9	0	0									
	20	9644	515		522	00	00	81	0	02	0	0	0	9	0	0									
	23	9650	517		523	00	00	81	0	02	0	0	0	9	0	0				12	35	437		509	518
30	02	9665	513		522	13	06	81	0	02	0	0	0	9	0	0									
	05	9675	516		524	16	16	81	0	02	0	0	0	9	0	0									
	08	9709	516		524	16	17	81	0	02	0	0	0	9	0	0									
	11	9739	517		525	00	00	81	0	02	0	0	0	9	0	0									
	14	9765	515		524	16	09	81	1	02	0	0	0	9	0	1									
	17	9797	514		522	00	00	81	1	02	0	0	0	9	0	1									
	20	9830	514		522	14	09	81	1	02	0	1	5	6	0	0									
	23	9860	514		522	00	00	81	1	02	0	1	5	6	0	0				12	27	143		513	518

Results of Surface Observations,
MAWSON -- Jul., 1960

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND							LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
01	02	9885	513		522	00	00	81	0	02	0	0	0	9	0	0									
	05	9905	511		520	00	00	81	0	02	0	0	0	9	0	0									
	08	9923	512		521	00	00	81	0	02	0	0	0	9	0	0									
	11	9941	515		523	18	24	81	0	36	3	0	0	9	0	0									
	14	9957	516		524	15	20	81	1	03	0	1	5	6	0	0									
	17	9961	514		523	13	05	81	1	02	0	1	5	6	1	0									
	20	9968	515		524	16	28	81	3	03	1	1	5	6	1	0									
	23	9975	515		524	00	00	81	1	02	0	0	0	9	3	0				12	42	144		508	515
02	02	9979	515		524	00	00	81	3	03	0	0	0	9	3	0									
	05	9979	505		517	18	04	81	8	03	2	0	0	9	3	7									
	08	9975	508		518	00	00	81	1	01	2	0	0	9	3	0									
	11	9979	517		524	00	00	81	7	03	2	0	0	9	7										
	14	9973	517		524	00	00	81	8	03	2	0	0	9	7	7									
	17	9966	517		523	00	00	81	8	02	2	0	0	9	7	7									
	20	9948	516		523	00	00	81	0	01	2	0	0	9	0	0									
	23	9935	520		525	00	00	81	0	00	0	0	0	9	0	0				13	31	279		505	521
03	02	9923	522		527	00	00	81	2	03	0	0	0	9	1	0									
	05	9929	521		527	00	00	81	2	02	0	0	0	9	1	0									
	08	9935	518		525	00	00	81	0	01	1	0	0	9	0	0									
	11	9949	512		521	18	05	81	3	03	0	0	0	9	3	0									
	14	9946	512		522	14	11	81	6	03	2	0	0	9	3	0									
	17	9950	511		521	00	00	81	6	02	2	0	0	9	1	0									
	20	9947	517		524	00	00	81	6	02	2	0	0	9	1	0									
	23	9939	517		526	00	00	81	8	03	2	8	5	6						12	17	050		510	522
04	02	9918	509		517	00	00	81	8	02	2	0	0	9	1										
	05	9907	510		517	00	00	81	8	70	2	3	5	6	1										
	08	9893	508		515	22	06	80	8	70	7	8	5	6											
	11	9899	505		511	20	05	80	8	02	7	8	5	2											
	14	9895	507		512	20	04	80	8	02	2	8	6	2											
	17	9879	507		513	00	00	80	8	02	2	8	6	5											
	20	9832	503		509	11	20	16	8	38	3	8	6	5											
	23	9764	501		502	11	45	00		39	3									12	57	089		02	516
05	02	9727	02		01	11	23	00		39	3														
	05	9721	01		00	11	23	00		39	3														
	08	9718	04		03	11	25	01		39	3														
	11	9762	502		507	00	00	80	8	02	3	7	7	3	3										
	14	9812	503		507	00	00	04	8	71	7	8	6	3											
	17	9837	502		507	00	00	00	8	71	7	8	6	3											
	20	9849	505		508	00	00	16	8	71	7	8	6	3											
	23	9854	508		512	00	00	81	8	02	7	2	6	3	7					12	62	500		04	511
06	02	9861	513		517	00	00	81	2	01	2	0	0	9	3	0									
	05	9862	513		518	00	00	81	2	02	0	0	0	9	3	0									
	08	9873	512		518	00	00	81	1	02	0	0	0	9	3	0									
	11	9894	513		519	36	02	81	2	02	1	1	5	6	0	1									
	14	9913	512		521	00	00	81	2	02	0	0	0	9	0	1									
	17	9935	515		522	00	00	81	2	02	0	0	0	9	0	5									
	20	9962	511		521	00	00	81	8	03	2	0	0	9	0	7									
	23	9971	513		521	00	00	81	8	03	2	3	6	3	1					12	19	125		511	515
07	02	9974	509		517	00	00	81	8	02	2	0	0	9	1										
	05	9967	509		517	00	00	81	8	02	2	0	0	9	2										
	08	9954	504		516	00	00	81	8	02	2	0	0	9	2										
	11	9921	505		509	12	37	00		39	3														
	14	9922	502		506	36	12	08	8	36	3	0	0	9	2										
	17	9900	01		503	07	19	08		38	3														
	20	9897	504		507	05	16	16	8	71	7	0	0	9	2										
	23	9887	502		507	07	08	16	8	71	7	8	7	2						12	47	083		01	512
08	02	9891	505		509	00	00	08		71	7														
	05	9889	505		509	22	02	16	8	71	7	0	0	9	1										
	08	9889	507		511	20	05	81	7	01	7	0	0	9	1										
	11	9886	509		513	00	00	80	8	02	2	3	6	4	1										
	14	9887	511		516	00	00	80	7	02	2	7	6	5											
	17	9893	515		520	00	00	81	5	01	1	0	0	9	1										
	20	9891	514		519	00	00	81	3	01	1	0	0	9	1	0									
	23	9901	509		518	00	00	81	2	01	1	0	0	9	1	0				12	27	416		504	516
09	02	9898	517		524	00	00	81	0	00	0	0	0	9	0	0									
	05	9897	517		524	00	00	81	0	00	0	0	0	9	0	0									
	08	9886	520		527	00	00	81	0	02	0	0	0	9	0	0									
	11	9877	518		525	00	00	81	0	02	0	0	0	9	0	0									
	14	9871	517		524	00	00	81	0	00	0	0	0	9	0	0									
	17	9862	519		525	00	00	81	0	02	0	0	0	9	0	0									
	20	9853	515		522	00	00	81	0	02	0	0	0	9	0	0									
	23	9845	513		522	00	00	81	0	02	0	0	0	9	0	0				22	08	079		509	520

Results of Surface Observations, MAWSON – Jul., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	w	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	02	9837	513		521	00	00	81	0	00	0	0	0	9	0	0									
	05	9821	507		514	14	26	81	0	36	0	0	0	9	0	0									
	08	9825	505		513	15	20	81	0	36	3	0	0	9	0	0									
	11	9851	506		513	00	00	81	0	39	3	0	0	9	0	0									
	14	9853	507		515	11	08	81	0	00	3	0	0	9	0	0									
	17	9871	515		524	36	02	81	0	02	0	0	0	9	0	0									
	20	9875	512		522	36	06	81	0	02	0	0	0	9	0	0									
	23	9875	515		524	21	05	81	0	02	0	0	0	9	0	0				12	35	152		503	518
11	02	9880	517		525	00	00	81	0	00	0	0	0	9	0	0									
	05	9873	519		533	00	00	81	0	00	0	0	0	9	0	0									
	08	9874	511		521	13	17	81	0	02	0	0	0	9	0	0									
	11	9881	524		530	00	00	81	3	02	0	0	0	9	0	5									
	14	9886	525		531	00	00	81	0	01	0	0	0	9	0	0									
	17	9891	521		529	00	00	81	0	02	0	0	0	9	0	0									
	20	9894	523		530	00	00	81	0	02	0	0	0	9	0	0									
	23	9902	521		529	00	00	81	0	02	0	0	0	9	0	0				13	25	173		511	525
12	02	9908	519		528	14	12	81	0	00	0	0	0	9	0	0									
	05	9910	521		530	16	09	81	0	00	0	0	0	9	0	0									
	08	9904	518		528	19	08	81	0	02	0	0	0	9	0	0									
	11	9896	518		530	19	05	81	0	02	0	0	0	9	0	0									
	14	9895	518		530	16	13	81	1	03	0	0	0	9	0	5									
	17	9885	520		533	14	12	81	1	02	0	0	0	9	0	5									
	20	9885	520		531	16	23	81	0	36	3	0	0	9	0	0									
	23	9892	517		530	36	02	81	0	02	3	0	0	9	0	0				12	39	143		516	521
13	02	9890	513		524	13	27	81	0	36	3	0	0	9	0	0									
	05	9896	512		523	13	31	81	3	37	3	0	0	9	7	1									
	08	9880	507		516	11	36	24		39	3														
	11	9870	506		514	11	45	00		39	3														
	14	9895	505		512	11	33	00		39	3														
	17	9905	502		503	11	38	00		39	3														
	20	9917	502		503	11	39	00		39	3														
	23	9923	502		503	11	40	00		39	3									12	60	417		502	519
14	02	9895	501		503	11	49	00		39	3														
	05	9879	501		502	12	57	00		39	3														
	08	9879	501		502	11	54	00		39	3														
	11	9874	01		503	11	46	00	6	39	3	0	0	9	7										
	14	9854	501		502	14	36	00	8	39	3	0	0	9	7										
	17	9835	04		03	14	30	08	8	36	3	0	0	9	7										
	20	9826	03		508	14	25	40	8	02	3	0	0	9	7										
	23	9798	05		507	14	26	81	7	02	1	0	0	9	7					13	67	1020		05	502
15	02	9784	05		508	14	18	81	8	02	2	0	0	9	1										
	05	9768	05		508	13	19	81	8	02	2	2	6	3	1										
	08	9758	04		508	13	18	81	8	02	2	2	7	3	1										
	11	9757	03		509	15	17	81	8	02	2	1	7	3	1										
	14	9753	03		509	14	17	81	8	02	2	0	0	9	1										
	17	9761	01		510	13	21	81	7	02	2	2	6	4	1										
	20	9767	00		510	14	14	81	7	02	2	2	6	4	1										
	23	9773	01		509	14	17	81	5	01	2	0	0	9	1					13	32	760		05	500
16	02	9781	500		511	14	22	81	2	01	1	0	0	9	1										
	05	9797	501		512	13	22	81	2	01	1	0	0	9	1										
	08	9816	500		512	13	19	81	2	02	0	0	0	9	1										
	11	9829	501		513	13	29	81	8	03	2	0	0	9	1										
	14	9853	503		514	13	22	81	8	02	2	1	5	6	0	7									
	17	9868	503		514	13	18	81	8	02	2	1	5	6	0	7									
	20	9873	505		516	15	19	81	1	01	2	1	5	6	0	0									
	23	9885	505		517	15	24	81	0	02	0	0	0	9	0	0				13	37	499		01	507
17	02	9893	505		516	15	25	81	0	02	0	0	0	9	0	0									
	05	9879	507		517	15	26	81	0	02	0	0	0	9	0	0									
	08	9906	508		519	15	26	81	0	02	0	0	0	9	0	0									
	11	9903	504		515	15	20	81	7	03	1	1	6	4	0	6									
	14	9899	502		514	15	19	81	8	02	2	1	6	4	0	7									
	17	9901	501		513	12	23	81	6	02	2	1	6	4	2	6									
	20	9899	01		510	13	25	81	6	02	0	0	0	9	0	0									
	23	9913	501		513	14	15	81	0	01	1	0	0	9	0	0				13	38	470		01	508
18	02	9937	508		519	15	24	81	0	02	0	0	0	9	0	0									
	05	9944	508		519	16	22	81	0	02	0	0	0	9	0	0									
	08	9951	510		521	15	17	81	0	02	0	0	0	9	0	0									
	11	9968	509		520	14	05	81	8	03	1	0	0	9	0	7									
	14	9981	509		520	00	00	81	8	02	1	0	0	9	0	7									
	17	9994	510		520	00	00	81	3	01	1	0	0	9	0	8									
	20	10006	510		520	17	08	81	0	01	0	0	0	9	0	0									
	23	10020	511		522	00	00	81	0	02	0	0	0	9	0	0				13	33	480		504	512
19	02	10039	511		521	00	00	81	0	00	0	0	0	9	0	0									
	05	10047	509		520	13	07	81	0	00	0	0	0	9	0	0									
	08	10054	509		519	13	15	81	6	03	1	0	0	9	7										

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
		iiib × 10^{-1}	°F	°F	°F	°×10	kt	VV	Oktas	ww	w	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	Statute miles	Points	°F	°F
19	11	10067	506		516	00	00	81	8	03	2	0	0	9	7										
	14	10068	506		515	00	00	81	8	02	2	0	0	9	7										
	17	10064	505		513	13	18	81	8	02	2	0	0	9	7	7									
	20	10058	505		511	13	22	81	8	03	2	0	0	9	7	7									
	23	10049	502		508	13	22	81	8	03	1	0	0	9	7					13	29	192		502	513
20	02	10028	502		507	13	25	40	8	36	7	0	0	9	7										
	05	10000	501		505	13	26	08	8	38	3	0	0	9	7										
	08	9967	501		506	11	32	40	8	38	3	0	0	9	7										
	11	9944	501		502	11	34	00		39	3														
	14	9915	03		500	11	24	08		38	3														
	17	9912	501		503	04	18	00		71	7														
	20	9909	502		504	19	06	01	8	71	7	0	0	9	2										
	23	9899	501		503	22	02	08	8	71	7	0	0	9	2					12	48	404		03	502
21	02	9902	501		503	22	05	08	8	71	7	0	0	9	2										
	05	9893	502		504	00	00	24	8	70	7	0	0	9	2										
	08	9895	02		503	11	12	24	8	70	7	0	0	9	2										
	11	9890	01		504	11	19	40	8	36	7	5	7	3	7										
	14	9898	501		507	11	17	80	8	36	7	3	7	3	7										
	17	9904	502		508	11	16	40	8	36	3	4	7	3	7										
	20	9905	503		510	11	17	80	8	01	3	0	0	9	7	7									
	23	9889	505		512	13	22	80	0	01	1	0	0	9	0	0				13	28	352		02	505
22	02	9888	503		511	13	21	80	0	36	1	0	0	9	0	0									
	05	9897	508		514	14	23	40	3	36	3	0	0	9	2										
	08	9894	509		514	14	27	40	0	38	3	0	0	9	0	0									
	11	9893	509		516	14	25	81	1	38	3	0	0	9	2	5									
	14	9895	506		514	14	20	81	1	36	3	0	0	9	2	0									
	17	9893	509		515	14	25	81	1	36	3	0	0	9	0	5									
	20	9899	511		517	15	25	81	0	36	3	0	0	9	0	0									
	23	9900	511		517	16	19	80	0	36	3	0	0	9	0	0				12	38	454		503	511
23	02	9903	511		518	16	22	80	0	36	3	0	0	9	0	0									
	05	9905	511		518	16	25	80	0	36	3	0	0	9	0	0									
	08	9904	511		518	00	00	81	0	02	3	0	0	9	0	0									
	11	9918	509		519	00	00	81	1	39	3	0	0	9	0	5									
	14	9918	509		517	13	27	81	2	36	3	0	0	9	0	5									
	17	9934	510		518	13	28	81	2	36	3	0	0	9	0	5									
	20	9948	511		516	13	30	08		39	3														
	23	9959	513		520	13	33	08		39	3									13	42	479		507	513
24	02	9969	512		521	13	28	24	0	38	3	0	0	9	0	0									
	05	9969	512		521	14	22	81	0	36	3	0	0	9	0	0									
	08	9971	515		523	14	27	81	0	36	3	0	0	9	0	0									
	11	9972	517		524	11	19	81	8	36	3	0	0	9	0	4									
	14	9962	517		524	11	22	81	8	36	3	0	0	9	1	4									
	17	9949	520		527	11	21	81	8	36	3	0	0	9	0	6									
	20	9937	518		526	11	20	81	6	36	3	0	0	9	0	6									
	23	9913	515		525	09	26	81	0	36	3	0	0	9	0	0				13	38	539		511	520
25	02	9915	517		525	13	14	81	0	36	3	0	0	9	0	0									
	05	9913	519		529	14	08	81	0	02	0	0	0	9	0	0									
	08	9898	522		530	14	18	81	0	02	0	0	0	9	0	0									
	11	9881	519		528	14	12	81	1	03	0	0	0	9	7	0									
	14	9869	520		529	14	08	81	4	03	1	0	0	9	4	6									
	17	9848	521		528	16	29	81	3	36	1	0	0	9	0	5									
	20	9818	524		531	00	00	81	0	02	3	0	0	9	0	0									
	23	9803	524		530	00	00	81	0	00	0	0	0	9	0	0				13	36	497		515	525
26	02	9792	523		530	00	00	81	0	00	0	0	0	9	0	0									
	05	9783	524		531	16	16	81	0	00	0	0	0	9	0	0									
	08	9784	524		531	00	00	81	0	02	0	0	0	9	0	0									
	11	9790	526		533	00	00	81	0	02	0	0	0	9	0	0									
	14	9802	523		531	00	00	81	1	02	0	0	0	9	0	5									
	17	9804	520		530	18	05	81	2	03	0	1	5	6	0	5									
	20	9796	515		522	13	27	81	0	36	3	0	0	9	0	0									
	23	9792	513		519	13	42	01		38	3									12	52	213		513	527
27	02	9779	511		514	13	45	01		38	3														
	05	9771	506		510	13	36	00		38	3														
	08	9740	501		503	12	47	00		39	3														
	11	9719	00		501	12	45	00		39	3														
	14	9709	03		01	12	45	00		39	3														
	17	9707	06		02	13	45	02		39	3														
	20	9708	09		05	13	39	40	8	38	3	8													
	23	9711	04		501	15	47	24	8	02	2	8								13	62	568		09	514

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	02	9715	05		00	15	40	80	8	02	2	8													
	05	9704	07		01	13	31	81	6	01	2	0	0	9	7										
	08	9700	09		02	13	31	81	5	01	2	0	0	9	1										
	11	9696	08		503	13	31	81	6	02	2	0	0	9	7										
	14	9683	10		00	13	32	80	7	02	2	0	0	9	7										
	17	9678	09		00	13	25	80	8	02	2	0	0	9	7										
	20	9676	09		00	13	26	80	8	02	2	0	0	9	7										
	23	9675	10		00	13	31	80	8	02	2	0	0	9	7					13	71	910		11	04
29	02	9672	10		02	13	38	80	8	02	2	0	0	9	7										
	05	9660	09		08	13	37	00		39	3														
	08	9631	13		12	13	48	04		38	3														
	11	9607	16		11	13	47	80	8	02	3	8	6	4											
	14	9598	18		03	13	35	40	8	03	2	0	0	9	7										
	17	9591	15		04	15	45	24	8	39	3	6	6	4	7										
	20	9589	13		07	14	37	24	8	38	3	0	0	9	7										
	23	9600	14		02	16	25	80	8	36	3	0	0	9	7					13	47	761		18	09
30	02	9611	11		00	14	18	81	8	02	3	0	0	9	1										
	05	9633	11		00	14	23	81	8	02	2	0	0	9	2										
	08	9668	10		501	13	24	81	8	02	2	0	0	9	2										
	11	9709	09		502	13	24	81	8	02	2	0	0	9	2										
	14	9755	08		01	00	00	80	8	70	2	0	0	9	2										
	17	9775	08		00	12	23	24	8	71	7	0	0	9	2										
	20	9800	08		01	12	31	80	8	02	7	0	0	9	2										
	23	9827	08		01	12	30	81	8	02	2	0	0	9	2					13	67	756		14	07
31	02	9857	05		502	12	31	80	8	36	3	0	0	9	2										
	05	9874	04		505	12	30	80	6	02	2	0	0	9	2										
	08	9889	03		507	12	15	80	4	02	2	0	0	9	2	0									
	11	9892	03		507	13	26	80	7	02	2	0	0	9	7	6									
	14	9898	503		512	16	28	64	8	05	3	0	0	9	0	7									
	17	9903	508		516	16	31	80	3	05	3	0	0	9	7	6									
	20	9895	506		516	16	26	81	3	02	1	0	0	9	0	6									
	23	9883	503		512	16	14	81	0	02	1	0	0	9	0	0				16	43	604		07	508

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	9867	03		509	14	29	80	7	03	1	0	0	9	7										
	05	9835	02		508	13	35	80	8	03	2	0	0	9	7										
	08	9800	03		508	11	55	80	8	36	3	0	0	9	7										
	11	9762	01		500	11	54	00		39	3														
	14	9690	03		02	12	59	00		39	3														
	17	9696	04		03	12	58	00		39	3														
	20	9684	04		03	12	62	00		39	3														
	23	9705	05		04	12	61	00		39	3									12	82	614		05	501
02	02	9709	05		03	12	61	00		39	3														
	05	9732	05		04	12	52	00		39	3														
	08	9740	06		05	12	43	00		39	3														
	11	9747	06		05	12	35	08	7	38	3	0	0	9	2										
	14	9748	08		04	12	35	81	5	38	3	0	0	9	2	0									
	17	9737	07		503	13	27	81	4	38	3	0	0	9	2	4									
	20	9738	05		508	14	22	81	5	03	3	0	0	9	0	5									
	23	9722	08		506	13	26	81	6	03	1	0	0	9	0	5				12	70	1467		08	05
03	02	9718	06		508	14	17	81	7	03	1	0	0	9	7										
	05	9715	02		511	15	23	81	4	01	1	0	0	9	7	0									
	08	9709	01		513	15	20	80	2	01	1	0	0	9	7	0									
	11	9700	502		515	15	25	80	3	03	1	0	0	9	7	5									
	14	9690	02		512	13	22	81	4	03	1	0	0	9	7	5									
	17	9683	03		508	14	17	80	8	03	2	0	0	9	7										
	20	9685	06		508	00	00	80	8	02	2	0	0	9	3										
	23	9685	03		507	16	18	81	6	01	2	0	0	9	1					13	43	656		06	503
04	02	9686	03		509	15	16	80	3	01	2	0	0	9	1										
	05	9689	503		515	14	24	81	0	01	0	0	0	9	0	0									
	08	9704	503		516	15	17	81	1	03	0	0	0	9	4	0									
	11	9711	502		514	15	18	81	1	02	0	0	0	9	4	0									
	14	9724	01		513	15	04	81	3	02	0	0	0	9	0	5									
	17	9729	505		517	15	23	81	4	02	0	0	0	9	2	6									
	20	9732	500		513	14	21	81	1	02	0	0	0	9	2	0									
	23	9731	00		513	14	32	81	2	03	0	0	0	9	3	0				13	42	404		04	506
05	02	9737	00		514	14	38	81	4	03	0	0	0	9	3	0									
	05	9763	501		515	14	36	81	5	03	2	0	0	9	3										
	08	9783	02		513	14	23	81	6	03	2	0	0	9	3										
	11	9813	502		515	14	26	81	7	03	2	0	0	9	3										
	14	9825	03		510	12	24	81	8	03	2	0	0	9	7										
	17	9847	500		514	14	22	81	4	01	1	0	0	9	7										
	20	9869	501		515	12	32	81	8	03	2	0	0	9	3										
	23	9887	01		514	13	23	81	8	02	2	0	0	9	7					13	50	585		03	503
06	02	9898	00		514	13	25	81	7	02	2	0	0	9	7										
	05	9902	502		515	13	29	81	7	02	2	0	0	9	7										
	08	9900	506		520	14	25	81	5	01	1	0	0	9	7										
	11	9896	505		519	15	23	81	6	03	1	0	0	9	7										
	14	9883	505		520	13	31	81	3	01	1	2	5	6	4	4									
	17	9882	506		521	12	34	81	2	01	1	1	5	6	4	0									
	20	9880	505		521	12	30	81	2	02	0	1	5	6	4	0									
	23	9878	509		523	15	31	81	1	01	0	1	5	6	0	0				13	45	560		01	510
07	02	9870	507		521	13	25	81	1	02	0	1	5	6	0	0									
	05	9867	508		523	13	23	81	4	02	0	1	5	6	0	1									
	08	9861	505		522	13	29	81	3	02	0	0	0	9	4	0									
	11	9861	507		522	12	31	81	5	03	2	2	5	6	5	0									
	14	9865	510		524	12	26	81	7	02	2	2	5	6	2										
	17	9868	507		523	12	26	81	7	02	2	2	5	6	7										
	20	9874	507		522	14	18	81	8	02	2	0	0	9	3										
	23	9870	510		525	12	28	81	2	01	0	0	0	9	4	0				13	41	633		505	510
08	02	9870	507		523	12	24	81	0	02	0	0	0	9	0	0									
	05	9870	508		524	13	24	81	0	02	0	0	0	9	0	0									
	08	9867	512		526	13	27	81	0	02	0	0	0	9	0	0									
	11	9875	509		524	16	14	81	0	02	0	0	0	9	0	0									
	14	9877	508		523	14	16	81	0	02	0	0	0	9	0	0									
	17	9885	509		523	13	17	81	0	02	0	0	0	9	0	0									
	20	9890	510		523	15	17	81	0	02	0	0	0	9	0	0									
	23	9892	512		525	14	18	81	0	00	0	0	0	9	0	0				13	38	593		507	512
09	02	9901	511		524	14	17	81	0	00	0	0	0	9	0	0									
	05	9904	512		526	27	05	81	0	00	0	0	0	9	0	0									
	08	9898	511		525	25	04	81	0	02	0	0	0	9	0	0									
	11	9903	513		526	00	00	81	0	02	0	0	0	9	0	0									
	14	9890	508		520	00	00	81	4	03	0	4	5	7	0	0									
	17	9890	508		519	00	00	81	7	02	2	2	6	5											
	20	9882	511		518	00	00	81	7	01	2	7	5	6											
	23	9874	509		518	00	00	81	7	02	2	7	5	6						14	33	351		505	513

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
10	02	9874	508		518	12	10	81	6	02	3	6	5	6											
	05	9880	504		515	11	16	81	1	01	1	1	5	6	0	0									
	08	9901	516		524	09	01	81	4	03	1	2	5	6	3	1									
	11	9924	513		520	00	00	81	6	03	2	0	0	9	4	5									
	14	9951	504		514	00	00	81	7	02	2	0	0	9	2	5									
	17	9971	504		514	00	00	81	5	02	2	0	0	9	4	5									
	20	9995	504		513	06	04	81	8	03	2	0	0	9	7										
	23	10004	01		508	00	00	81	7	02	2	0	0	9	7					27	27	125		01	517
11	02	10011	02		508	00	00	81	7	02	2	0	0	9	7										
	05	10002	08		504	14	19	81	7	02	2	0	0	9	7										
	08	9995	09		503	13	20	81	8	02	2	0	0	9	7										
	11	9992	13		501	14	21	81	8	02	2	2	7	4	7										
	14	9994	14		03	14	22	81	8	02	2	0	0	9	7										
	17	9997	13		03	13	24	80	8	71	7	3	6	5	2										
	20	10000	13		02	14	22	80	8	71	7	3	6	5	2										
	23	10000	16		02	13	13	81	8	02	7	3	6	5	2					13	34	137		16	01
12	02	10008	16		01	12	20	81	8	02	2	0	0	9	2	7									
	05	10015	14		503	12	31	81	1	01	2	0	0	9	3	0									
	08	10024	13		502	13	26	81	7	03	0	0	0	9	7										
	11	10033	13		502	12	26	81	8	03	2	1	5	6	7	6									
	14	10044	14		502	13	25	81	4	01	2	0	0	9	7	6									
	17	10051	13		504	13	26	81	8	02	2	0	0	9	1	6									
	20	10059	13		504	12	33	81	0	01	1	0	0	9	0	0									
	23	10067	12		504	12	31	81	0	00	0	0	0	9	0	0				13	48	562		16	11
13	02	10076	11		505	12	31	81	0	00	0	0	0	9	0	0									
	05	10081	11		505	12	32	81	3	03	1	0	0	9	7	0									
	08	10083	09		507	12	31	81	4	02	2	0	0	9	7	6									
	11	10080	09		507	13	32	81	5	02	2	0	0	9	7	7									
	14	10064	09		507	13	37	81	7	02	2	0	0	9	2	7									
	17	10057	09		508	13	36	81	8	02	2	0	0	9	7										
	20	10029	07		510	12	34	81	6	02	2	0	0	9	7										
	23	10007	06		511	12	30	81	0	02	0	0	0	9	7					13	50	721		14	06
14	02	9983	05		512	12	32	81	0	02	0	0	0	9	0	0									
	05	9957	07		511	13	34	81	2	03	0	0	0	9	0	5									
	08	9947	08		511	11	34	81	7	02	2	0	0	9	0	6									
	11	9930	08		511	12	37	81	8	02	2	0	0	9	7	6									
	14	9927	10		507	12	38	81	8	02	2	0	0	9	7	6									
	17	9932	11		507	12	44	81	8	03	2	0	0	9	7	6									
	20	9944	10		508	12	45	81	8	02	2	0	0	9	7										
	23	9964	10		508	12	47	81	8	02	2	0	0	9	7	6				12	67	808		11	05
15	02	10009	08		511	13	36	81	0	01	2	0	0	9	0	6									
	05	10017	05		514	12	35	81	3	02	0	0	0	9	0	6									
	08	10038	05		514	12	21	81	8	03	0	1	5	5	1	6									
	11	10048	03		515	12	24	81	8	03	2	1	5	5	0	6									
	14	10043	02		516	12	21	81	8	02	2	1	5	5	1	6									
	17	10043	501		517	12	20	81	8	02	2	0	0	9	1	6									
	20	10037	502		518	12	22	81	3	01	2	0	0	9	1										
	23	10027	501		518	12	21	81	7	02	2	0	0	9	0	0				12	63	958		10	502
16	02	10012	501		517	11	21	81	4	01	1	0	0	9	0	6									
	05	9992	504		520	12	17	81	3	01	1	0	0	9	0	6									
	08	9976	505		521	12	23	81	6	02	2	1	5	5	1	6									
	11	9944	504		521	12	23	81	7	02	2	1	5	5	0	6									
	14	9914	501		518	11	20	81	8	02	2	1	5	5	1	6									
	17	9895	502		519	11	19	81	8	02	2	0	0	9	1	6									
	20	9870	502		521	11	19	81	2	01	2	0	0	9	1										
	23	9837	501		520	12	17	81	0	01	0	0	0	9	0	0				12	38	506		00	505
17	02	9825	503		521	13	23	81	0	00	0	0	0	9	0	0									
	05	9816	503		521	13	26	81	0	00	0	0	0	9	0	0									
	08	9812	503		521	16	21	81	0	02	0	0	0	9	0	0									
	11	9803	503		520	14	20	81	3	02	1	0	0	9	0	5									
	14	9795	01		518	13	20	81	2	02	1	0	0	9	0	5									
	17	9795	504		520	14	20	81	2	02	0	0	0	9	0	5									
	20	9795	505		522	16	17	81	0	00	0	0	0	9	0	0									
	23	9805	507		522	16	17	81	0	00	0	0	0	9	0	0				13	45	462		01	508
18	02	9803	508		524	14	24	81	0	00	0	0	0	9	0	0									
	05	9809	506		522	16	14	81	0	00	0	0	0	9	0	0									
	08	9820	506		523	14	29	81	1	02	0	0	0	9	0	1									
	11	9834	505		522	13	28	81	7	03	1	0	0	9	1	6									
	14	9844	502		520	14	26	81	0	05	2	0	0	9	0	5									
	17	9855	504		521	13	25	81	0	02	0	0	0	9	0	0									
	20	9874	509		525	13	31	81	0	00	0	0	0	9	0	0									
	23	9893	507		523	13	28	81	0	00	0	0	0	9	0	0				13	43	436		502	509

Results of Surface Observations,
MAWSON — Aug., 1960

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND										DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD AMOUNT	LOW CLOUD TYPE	LOW CLOUD BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
19	02	9912	511		526	13	29	81	0	00	0	0	0	9	0	0									
	05	9925	511		525	13	30	81	6	03	1	6	6	6											
	08	9941	508		522	14	18	80	8	02	2	8	6	6											
	11	9944	509		521	15	18	81	8	02	2	8	5	6											
	14	9947	505		518	14	14	81	8	02	2	8	5	6											
	17	9947	506		520	13	22	81	8	02	2	8	6	6											
	20	9941	507		521	13	23	81	8	02	2	8	6	6											
	23	9934	508		522	14	20	81	8	02	2	8	6	6						13	43	612		505	511
20	02	9928	511		525	14	19	81	4	01	2	4	6	6	0	0									
	05	9922	513		527	14	17	81	3	01	1	3	6	6	0	0									
	08	9908	518		535	15	24	81	4	01	1	1	5	6	0	5									
	11	9907	517		531	15	13	81	1	01	1	1	5	6	0	0									
	14	9896	513		527	15	11	81	1	01	0	1	5	6	0	0									
	17	9898	516		531	13	14	81	1	02	0	0	0	9	0	5									
	20	9902	521		534	13	09	81	0	01	0	0	0	9	0	0									
	23	9914	519		533	00	00	81	0	02	0	0	0	9	0	0				15	35	425		509	521
21	02	9922	521		533	00	00	81	0	02	0	0	0	9	0	0									
	05	9931	519		533	23	05	81	0	02	0	0	0	9	0	0									
	08	9937	519		531	00	00	81	6	03	2	0	0	9	0	6									
	11	9948	517		529	00	00	81	8	03	2	3	6	4	1										
	14	9966	518		532	00	00	81	8	02	2	3	6	4	1										
	17	9974	513		524	00	00	24	8	71	7	8	6	4											
	20	9967	506		512	12	25	24	8	71	7	8	6	4											
	23	9955	505		509	12	42	02		38	7									12	52	229		505	521
22	02	9956	504		507	13	37	01		39	3														
	05	9937	03		02	13	36	00		39	3														
	08	9930	05		02	13	36	01		39	3														
	11	9929	501		502	11	30	16	8	38	3	8													
	14	9909	01		501	11	32	16	8	38	3	4	6	4	7										
	17	9889	00		502	12	32	03		39	3														
	20	9854	03		01	12	35	01		39	3														
	23	9787	04		03	12	45	00		39	3									12	60	464		05	505
23	02	9759	05		04	14	50	00		39	3														
	05	9745	05		04	14	52	00		39	3														
	08	9725	06		05	12	55	00		39	3														
	11	9721	07		07	12	48	00		39	3														
	14	9711	09		09	12	42	16		38	3														
	17	9708	10		08	13	50	08		38	3														
	20	9693	10		08	13	45	08		38	3														
	23	9690	11		07	13	51	24	8	02	2	8	5	4						12	71	905		11	05
24	02	9683	12		08	13	50	40	8	02	2	8	5	5											
	05	9680	12		08	13	45	40	8	02	2	8	5	5											
	08	9682	13		09	13	45	40	8	02	2	8	6	4											
	11	9681	14		502	13	42	80	8	02	2	8	5	5											
	14	9687	15		503	13	36	40	8	02	2	8	5	5											
	17	9698	15		503	13	37	40	8	02	2	8	5	3											
	20	9714	15		504	13	36	40	8	02	2	8	5	3											
	23	9747	15		505	13	22	40	8	02	2	8	5	5						13	60	1274		15	12
25	02	9757	13		505	14	23	80	8	02	2	8	5	5											
	05	9776	09		507	14	23	80	8	02	2	0	0	9	2										
	08	9792	04		511	15	20	81	7	01	2	0	0	9	7										
	11	9795	500		515	15	24	81	5	01	2	0	0	9	2	6									
	14	9795	03		512	15	17	81	2	01	0	1	5	6	0	1									
	17	9792	01		515	15	18	81	2	01	0	0	0	9	3	1									
	20	9790	503		519	15	26	81	0	01	0	0	0	9	0	0									
	23	9778	505		520	15	32	81	0	02	0	0	0	9	0	0				15	52	738		15	505
26	02	9776	503		519	14	34	81	0	02	0	0	0	9	0	0									
	05	9778	503		520	14	25	81	0	00	0	0	0	9	0	0									
	08	9774	506		521	16	26	81	0	02	0	0	0	9	0	0									
	11	9772	506		520	14	27	81	0	02	0	0	0	9	0	0									
	14	9768	504		521	16	22	81	1	03	0	1	5	7	0	0									
	17	9768	506		521	18	09	81	1	02	0	1	5	7	0	0									
	20	9774	507		523	19	29	81	1	02	0	1	5	7	0	0									
	23	9780	514		528	15	27	81	0	01	0	0	0	9	0	0				15	46	490		502	514
27	02	9799	512		527	14	14	81	0	00	0	0	0	9	0	0									
	05	9803	512		528	14	22	81	0	00	0	0	0	9	0	0									
	08	9817	516		530	16	21	81	0	00	0	0	0	9	0	0									
	11	9828	515		529	16	23	81	0	00	0	0	0	9	0	0									
	14	9833	512		526	16	18	81	0	02	0	0	0	9	0	0									
	17	9842	513		527	14	12	81	0	02	0	0	0	9	0	0									
	20	9858	513		529	14	16	81	0	02	0	0	0	9	0	0									
	23	9867	519		533	13	19	81	0	02	0	0	0	9	0	0				15	38	421		511	519

Results of Surface Observations,
MAWSON – Aug., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	02	9874	515		530	14	29	81	0	02	0	0	0	9	0	0									
	05	9875	516		530	13	24	81	0	02	0	0	0	9	0	0									
	08	9890	519		532	15	23	81	1	03	0	1	5	6	0	0									
	11	9892	516		530	15	24	81	1	36	0	1	5	6	0	0									
	14	9896	510		525	14	12	81	1	02	0	1	5	6	0	0									
	17	9896	512		527	09	23	81	0	01	0	0	0	9	0	0									
	20	9908	515		529	12	25	81	0	02	0	0	0	9	0	0									
	23	9904	514		529	12	23	81	0	00	0	0	0	9	0	0				13	42	417		508	520
29	02	9899	513		527	14	22	81	0	00	0	0	0	9	0	0									
	05	9890	511		525	15	27	81	0	02	0	0	0	9	0	0									
	08	9893	511		525	15	26	81	0	02	0	0	0	9	0	0									
	11	9894	509		524	12	32	81	3	03	0	0	0	9	0	5									
	14	9890	505		522	12	28	81	3	02	0	0	0	9	0	5									
	17	9885	509		524	11	31	81	3	02	1	0	0	9	0	5									
	20	9888	509		523	12	31	81	3	02	0	0	0	9	0	5									
	23	9887	509		523	12	31	81	0	02	0	0	0	9	0	0				12	49	484		504	514
30	02	9888	511		524	13	32	81	1	02	0	0	0	9	0	5									
	05	9883	507		522	14	29	81	0	00	0	0	0	9	0	0									
	08	9888	507		522	14	32	81	8	03	1	0	0	9	3	6									
	11	9882	503		521	14	33	81	8	03	2	0	0	9	3	6									
	14	9877	502		520	14	36	81	8	03	2	0	0	9	1	1									
	17	9876	502		518	13	38	81	8	02	2	0	0	9	2										
	20	9874	02		510	14	27	80	8	70	2	0	0	9	2										
	23	9864	501		510	14	27	80	8	02	7	0	0	9	2					14	53	675		02	511
31	02	9859	500		509	14	31	24	8	36	2	0	0	9	2										
	05	9843	505		514	14	36	86	6	36	3	0	0	9	2										
	08	9820	503		518	14	29	82	8	05	2	0	0	9	2	6									
	11	9812	504		518	15	31	82	8	05	2	0	0	9	0	6									
	14	9793	504		519	15	24	82	8	02	2	0	0	9	0	6									
	17	9785	02		515	11	24	82	8	01	2	0	0	9	0	6									
	20	9776	501		515	15	29	82	4	01	2	0	0	9	0	5									
	23	9764	02		515	14	37	82	3	01	1	0	0	9	2					12	54	658		04	507

Results of Surface Observations,
MAWSON – Sep., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	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	9751	10		507	14	35	81	8	03	1	0	0	9	2										
	05	9728	11		504	14	45	81	8	02	2	0	0	9	2										
	08	9722	14		504	14	49	81	8	02	2	0	0	9	4	9									
	11	9719	13		504	14	48	81	6	02	2	0	0	9	4	5									
	14	9726	13		504	14	42	81	7	02	2	0	0	9	4	5									
	17	9722	11		507	14	35	81	7	02	2	0	0	9	4	6									
	20	9721	07		510	14	42	81	8	02	2	0	0	9	1										
	23	9726	11		509	14	37	81	8	02	2	0	0	9	1					13	73	717		14	504
02	02	9715	10		509	14	35	81	8	02	2	0	0	9	4										
	05	9713	10		509	14	37	81	3	01	2	0	0	9	3	0									
	08	9721	06		512	15	38	81	6	02	2	0	0	9	3	0									
	11	9713	11		506	15	32	81	7	02	2	0	0	9	3	0									
	14	9714	14		505	12	35	81	7	02	2	0	0	9	7										
	17	9721	14		503	13	29	81	7	02	2	0	0	9	7										
	20	9730	10		503	12	32	81	8	02	2	3	6	4	7	7									
	23	9735	10		503	12	28	81	8	02	2	0	0	9	7	7				13	59	846		14	506
03	02	9746	08		504	12	26	81	8	02	2	0	0	9	7	7									
	05	9751	09		502	13	31	81	8	02	2	8	5	6											
	08	9742	08		505	12	32	81	8	02	2	8	5	6											
	11	9740	10		503	12	36	80	8	02	2	2	6	4	7	7									
	14	9737	11		504	12	32	80	8	02	2	4	6	4	2										
	17	9696	10		504	12	45	80	8	02	2	3	6	4	2	7									
	20	9694	10		502	12	47	81	8	02	2	2	6	4	2	2									
	23	9697	11		01	12	47	80	8	02	2	2	6	5	2					12	65	647		11	08
04	02	9692	11		07	12	48	00	8	38	3	0	0	9	2										
	05	9693	11		08	12	47	00	8	39	3	0	0	9	2										
	08	9693	10		09	13	48	00		39	3														
	11	9701	10		09	12	43	00		39	3														
	14	9702	11		10	12	42	00		39	3														
	17	9693	10		09	13	40	00		39	3														
	20	9681	10		09	13	38	01		39	3														
	23	9641	13		12	13	35	02	8	38	3	0	0	9	0	7				13	61	972		13	10
05	02	9634	10		00	13	47	16	8	36	3	0	0	9	0	7									
	05	9631	08		00	14	43	04	8	38	3	0	0	9	0	7									
	08	9639	09		501	15	26	80	7	01	3	3	6	5											
	11	9653	12		501	18	10	80	8	02	2	1	6	3	3										
	14	9664	10		503	16	11	81	3	05	2	0	0	9	3	1									
	17	9667	07		506	15	23	81	3	02	0	0	0	9	3	1									
	20	9684	01		512	15	22	81	3	02	0	0	0	9	3	1									
	23	9682	501		514	15	22	81	0	01	0	0	0	9	0	0				12	55	897		12	501
06	02	9667	03		515	14	31	81	2	03	0	0	0	9	1	0									
	05	9658	00		513	13	35	81	6	03	3	0	0	9	3	5									
	08	9646	03		515	14	32	81	8	02	2	0	0	9	3	7									
	11	9643	07		514	13	29	81	8	02	2	1	6	5	1	7									
	14	9628	09		511	15	29	81	8	02	2	0	0	9	1	7									
	17	9625	02		509	15	38	40	8	38	2	0	0	9	1	7									
	20	9631	501		510	15	35	40	8	38	3	0	0	9	0	7									
	23	9634	501		510	15	39	40	8	36	3	0	0	9	1	7				13	54	507		09	502
07	02	9646	503		512	15	32	81	8	36	3	0	0	9	0	7									
	05	9654	506		515	15	36	81	6	36	3	0	0	9	0	8									
	08	9668	503		515	15	14	81	4	02	2	0	0	9	3	6									
	11	9672	502		514	13	12	81	2	02	0	1	5	6	0	5									
	14	9673	02		511	12	18	81	0	01	0	0	0	9	0	5									
	17	9686	00		513	12	20	81	2	02	0	0	0	9	0	5									
	20	9686	503		515	12	22	81	1	02	0	0	0	9	0	5									
	23	9696	507		518	14	22	81	2	03	0	0	0	9	0	5				12	47	678		04	506
08	02	9707	506		517	14	17	81	8	02	1	0	0	9	0	7									
	05	9728	512		523	14	22	81	4	01	1	0	0	9	3										
	08	9745	510		521	16	11	81	6	02	2	0	0	9	3	6									
	11	9765	511		519	00	00	81	7	02	2	0	0	9	3	6									
	14	9766	507		515	00	00	81	4	02	1	0	0	9	0	6									
	17	9782	507		515	00	00	81	4	02	1	0	0	9	0	6									
	20	9805	509		517	00	00	81	3	02	1	0	0	9	0	6									
	23	9824	508		519	00	00	81	0	02	0	0	0	9	0	0				15	41	420		506	512
09	02	9846	509		520	16	27	81	1	02	0	0	0	9	0	1									
	05	9859	509		522	12	17	81	3	03	1	0	0	9	0	5									
	08	9864	507		520	00	00	81	8	02	1	0	0	9	0	6									
	11	9864	504		518	00	00	81	8	02	2	0	0	9	0	6									
	14	9866	502		514	11	31	81	8	03	2	0	0	9	7	6									
	17	9856	503		515	11	32	81	8	02	2	0	0	9	7	6									
	20	9851	504		512	11	36	40		38	2														
	23	9832	504		507	11	33	00		38	3									12	49	220		501	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	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10^{-1}	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	02	9792	501		504	11	35	00		39	3														
	05	9780	501		509	11	35	00		39	3														
	08	9763	501		509	11	39	00		39	3														
	11	9765	501		504	12	42	00		39	3														
	14	9756	501		503	12	42	00		39	3														
	17	9767	00		502	11	32	01		39	3														
	20	9784	02		500	12	28	01		38	3														
	23	9785	05		502	11	24	80	8	38	3	0	0	9	0	7				12	51	741		05	503
11	02	9801	500		505	11	26	81	7	36	3	0	0	9	0	7									
	05	9818	05		501	00	00	81	8	02	3	0	0	9	0	7									
	08	9830	02		507	00	00	81	8	02	2	0	0	9	2	7									
	11	9831	05		503	16	04	80	8	02	2	0	0	9	1										
	14	9833	06		01	00	00	80	8	02	2	2	7	4	1										
	17	9823	01		502	00	00	81	1	01	2	0	0	9	0	8									
	20	9816	508		512	15	34	81	0	36	3	0	0	9	0	0									
	23	9810	510		512	15	30	81	0	36	3	0	0	9	0	0				13	50	710		06	510
12	02	9811	511		515	15	32	81	0	36	3	0	0	9	0	0									
	05	9815	511		516	16	31	81	2	38	3	1	5	6	3	0									
	08	9819	510		517	15	27	81	1	02	3	0	0	9	3	0									
	11	9818	512		515	14	30	81	1	36	3	1	5	6	3	0									
	14	9806	507		513	13	29	81	1	36	3	1	5	6	0	7									
	17	9781	504		511	13	38	40	8	38	3	2	7	4	1										
	20	9775	505		511	13	27	81	8	36	3	0	0	9	2										
	23	9754	502		509	13	34	81	4	36	3	0	0	9	7	0				12	52	409		502	512
13	02	9744	501		513	13	30	81	4	02	3	0	0	9	7	0									
	05	9753	503		513	14	27	81	5	02	2	0	0	9	1	2									
	08	9765	505		515	16	24	81	8	02	2	0	0	9	1	6									
	11	9786	504		514	15	22	81	2	02	2	0	0	9	0	5									
	14	9816	500		509	00	00	81	0	05	0	0	0	9	0	0									
	17	9829	503		512	00	00	81	2	02	0	0	0	9	0	5									
	20	9842	509		517	12	10	81	1	02	0	0	0	9	0	1									
	23	9847	512		521	13	21	81	0	00	0	0	0	9	0	0				13	43	640		501	512
14	02	9847	507		520	13	30	81	0	00	0	0	0	9	0	0									
	05	9852	510		522	13	19	81	0	00	0	0	0	9	0	0									
	08	9855	511		524	12	21	81	8	03	0	0	0	9	0	7									
	11	9850	509		521	09	19	81	8	02	2	0	0	9	0	7									
	14	9842	503		515	08	14	81	8	02	2	0	0	9	0	7									
	17	9838	502		514	08	06	81	3	02	2	0	0	9	0	5									
	20	9841	507		516	00	00	81	6	03	1	0	0	9	0	6									
	23	9837	502		514	14	21	81	3	01	0	0	0	9	0	8				13	36	318		502	512
15	02	9830	501		513	14	28	81	3	01	0	0	0	9	0	8									
	05	9815	01		512	13	26	81	3	01	0	0	0	9	0	8									
	08	9810	02		512	14	25	81	8	03	1	0	0	9	0	6									
	11	9800	05		510	11	25	81	8	02	2	0	0	9	0	6									
	14	9799	04		509	00	00	81	7	02	2	0	0	9	0	6									
	17	9790	04		510	00	00	81	7	02	2	0	0	9	0	6									
	20	9778	02		512	23	04	81	3	01	2	0	0	9	0	6									
	23	9767	500		514	14	24	81	0	01	0	0	0	9	0	0				13	44	410		07	502
16	02	9758	502		515	14	20	81	2	03	0	0	0	9	0	6									
	05	9748	501		516	22	06	81	1	01	0	0	0	9	0	8									
	08	9746	502		517	17	08	81	8	03	2	0	0	9	3	6									
	11	9740	01		514	14	17	81	8	02	2	0	0	9	0	6									
	14	9723	05		511	00	00	81	8	02	2	0	0	9	0	7									
	17	9704	01		511	00	00	81	8	02	2	0	0	9	0	7									
	20	9696	501		514	00	00	81	8	02	2	0	0	9	0	7									
	23	9676	505		518	14	17	81	0	01	2	0	0	9	0	0				12	35	272		05	506
17	02	9667	506		519	14	09	81	0	00	0	0	0	9	0	0									
	05	9651	509		520	14	17	81	0	00	0	0	0	9	0	0									
	08	9642	507		521	14	17	81	0	02	0	0	0	9	0	0									
	11	9632	504		518	14	21	81	0	02	0	0	0	9	0	0									
	14	9636	01		515	11	23	81	1	03	0	1	5	5	0	0									
	17	9643	502		517	12	26	81	1	03	0	1	5	6	0	0									
	20	9644	504		518	12	30	81	1	02	0	1	5	6	0	0									
	23	9655	511		523	12	37	81	1	02	0	1	5	6	0	0				12	51	272		01	509
18	02	9685	509		523	13	30	81	1	02	0	1	5	6	0	0									
	05	9705	505		518	13	25	81	1	02	0	1	5	6	0	0									
	08	9724	504		517	12	21	81	4	03	0	1	5	7	0	0									
	11	9741	501		513	14	10	81	1	02	0	1	5	7	0	0									
	14	9748	02		511	12	21	81	3	02	1	1	5	7	0	0									
	17	9746	00		512	12	23	81	8	03	1	0	0	9	0	7									
	20	9721	503		515	12	31	81	8	02	2	0	0	9	0	7									
	23	9690	502		512	12	31	81	8	02	2	0	0	9	0	7				12	47	577		02	507

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	02	9667	503		507	12	36	00		39	3														
	05	9616	503		504	12	52	00		39	3														
	08	9634	503		504	11	46	00		39	3														
	11	9644	501		502	12	45	00		39	3														
	14	9684	01		501	13	26	16	8	36	3	0	0	9	1										
	17	9710	00		510	14	30	08	8	38	3	0	0	9	2										
	20	9719	501		512	15	26	81	8	02	3	5	6	5	2										
	23	9732	508		518	13	16	81	3	01	3	0	0	9	2	0				12	64	779		01	503
20	02	9745	506		516	13	25	81	0	00	0	0	0	9	0	0									
	05	9751	508		518	15	21	81	0	00	0	0	0	9	0	0									
	08	9756	504		516	13	23	81	2	02	0	1	5	6	0	1									
	11	9762	502		514	14	17	81	2	02	0	1	5	6	0	1									
	14	9767	02		509	12	21	81	3	03	0	1	5	6	0	1									
	17	9769	502		513	12	24	82	1	02	0	1	5	6	0	0									
	20	9778	506		517	12	31	81	1	02	0	0	0	9	1	0									
	23	9791	505		517	12	31	81	1	02	0	0	0	9	1	0				12	41	572		02	509
21	02	9802	508		518	14	22	81	0	00	0	0	0	9	0	0									
	05	9811	510		519	14	17	81	0	00	0	0	0	9	0	0									
	08	9818	510		520	15	18	81	1	02	0	0	0	9	3	0									
	11	9831	505		516	00	00	81	0	02	0	0	0	9	0	0									
	14	9841	503		513	00	00	81	0	02	0	0	0	9	0	0									
	17	9845	505		514	00	00	81	0	02	0	0	0	9	0	0									
	20	9849	507		517	00	00	81	0	02	0	0	0	9	0	0									
	23	9853	509		519	13	19	81	0	00	0	0	0	9	0	0				12	42	533		503	511
22	02	9863	509		520	13	26	81	0	00	0	0	0	9	0	0									
	05	9866	511		521	13	33	81	0	00	0	0	0	9	0	0									
	08	9887	508		516	13	35	81	1	03	0	1	5	6	0	0									
	11	9906	505		515	13	28	81	7	03	2	7	5	5											
	14	9911	503		514	13	31	81	7	02	2	7	5	5											
	17	9914	503		514	12	31	81	8	36	3	8	5	5											
	20	9929	504		515	13	34	81	8	02	3	8	5	5											
	23	9935	506		517	13	26	81	0	01	2	0	0	9	0	0				13	49	360		503	511
23	02	9937	507		517	13	26	81	0	00	0	0	0	9	0	0									
	05	9945	509		519	13	26	81	0	00	0	0	0	9	0	0									
	08	9949	511		520	15	31	81	2	02	0	2	5	6	0	0									
	11	9944	503		514	13	28	81	0	02	0	0	0	9	0	0									
	14	9950	01		510	12	20	81	0	02	0	0	0	9	0	0									
	17	9939	501		512	13	27	81	0	05	0	0	0	9	0	0									
	20	9929	503		514	12	25	81	0	02	0	0	0	9	0	0									
	23	9920	505		516	13	23	81	0	00	0	0	0	9	0	0				13	41	572		01	511
24	02	9900	511		520	13	26	81	0	00	0	0	0	9	0	0									
	05	9869	510		519	14	22	81	0	00	0	0	0	9	0	0									
	08	9835	507		517	14	20	81	0	02	0	0	0	9	0	0									
	11	9788	504		515	00	00	81	0	02	0	0	0	9	0	0									
	14	9740	505		512	27	10	81	1	02	0	1	5	6	0	0									
	17	9692	503		511	00	00	81	1	02	0	1	5	6	0	0									
	20	9641	505		514	15	31	81	2	02	1	0	0	9	3	0									
	23	9624	508		517	16	37	81	0	02	0	0	0	9	0	0				15	51	475		502	512
25	02	9634	510		517	16	35	81	0	36	3	0	0	9	0	0									
	05	9651	511		520	15	32	81	0	02	3	0	0	9	0	0									
	08	9686	508		519	14	29	81	2	03	0	2	5	6	0	0									
	11	9715	503		515	12	33	81	1	02	0	1	5	6	0	5									
	14	9768	502		512	12	33	81	1	02	0	1	5	6	0	5									
	17	9801	504		513	12	44	81	2	36	0	0	0	9	0	5									
	20	9854	506		514	13	43	81	8	36	3	0	0	9	7	6									
	23	9860	505		515	12	46	81	8	02	3	0	0	9	2					13	56	333		502	511
26	02	9855	507		514	12	45	81	8	36	2	0	0	9	2										
	05	9812	505		513	12	44	81	8	36	3	0	0	9	2										
	08	9773	503		511	12	43	81	8	36	3	8	6	5											
	11	9707	00		507	12	44	08		39	3														
	14	9675	02		505	12	37	08		39	3														
	17	9663	04		503	11	31	80	8	36	3	0	0	9	1										
	20	9660	06		506	12	28	81	8	02	2	0	0	9	1										
	23	9676	06		506	12	26	81	8	02	2	0	0	9	1					13	58	772		06	507
27	02	9692	02		509	14	25	81	8	02	2	0	0	9	1										
	05	9713	03		509	14	19	81	6	01	2	0	0	9	1										
	08	9732	501		512	15	17	81	7	02	2	0	0	9	1	6									
	11	9752	05		508	34	08	81	3	02	1	0	0	9	0	6									
	14	9774	05		508	00	00	81	6	02	0	0	0	9	0	6									
	17	9797	08		505	00	00	81	3	01	1	0	0	9	0	6									
	20	9813	501		508	13	21	81	6	02	1	0	0	9	0	6									
	23	9821	501		507	14	21	81	3	02	1	0	0	9	0	6				13	38	627		09	501

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
28	02	9824	502		508	14	18	81	3	02	1	0	0	9	0	6									
	05	9823	502		508	14	17	81	5	02	2	0	0	9	0	6									
	08	9827	502		508	15	81	81	8	02	2	3	6	5	1	7									
	11	9811	01		506	13	17	81	8	70	7	5	7	4	1										
	14	9801	02		506	13	12	80	8	71	7	8	7	4											
	17	9796	03		505	13	08	81	8	71	7	8	5	5											
	20	9784	502		511	13	20	81	6	02	7	6	5	5	0	0				13	30	311		03	505
	23	9781	504		515	13	21	81	2	01	2	2	5	5	0	0									
29	02	9774	505		515	13	18	81	6	03	1	2	5	5	0	6									
	05	9774	504		515	13	26	81	3	01	1	0	0	9	3	0									
	08	9788	502		513	00	00	81	0	02	0	0	0	9	0	0									
	11	9800	02		509	00	00	81	0	02	0	0	0	9	0	0									
	14	9823	05		506	23	09	81	0	02	0	0	0	9	0	0									
	17	9830	11		500	16	24	81	1	03	0	0	0	9	0	5									
	20	9843	06		506	15	32	81	0	02	0	0	0	9	0	0									
	23	9847	05		507	15	29	81	0	02	0	0	0	9	0	0				12	47	375		11	507
30	02	9847	03		509	15	29	81	0	02	0	0	0	9	0	0									
	05	9847	05		507	15	26	81	0	02	0	0	0	9	0	0									
	08	9846	10		504	11	19	81	0	02	0	0	0	9	0	0									
	11	9853	10		503	15	18	81	1	03	0	0	0	9	0	5									
	14	9861	17		02	00	00	81	1	02	0	0	0	9	0	5									
	17	9860	10		01	00	00	81	1	02	0	0	0	9	0	5									
	20	9856	07		505	15	21	81	1	02	0	0	0	9	0	5									
	23	9845	06		507	14	12	81	0	00	0	0	0	9	0	0				12	45	388		17	02

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	9840	03		510	14	16	81	0	00	0	0	0	9	0	0									
	05	9830	503		514	14	25	81	0	00	0	0	0	9	0	0									
	08	9821	503		515	15	32	81	1	03	0	0	0	9	0	5									
	11	9818	01		511	13	23	81	3	03	1	0	0	9	0	4									
	14	9829	07		506	13	23	81	1	02	0	0	0	9	0	5									
	17	9835	07		507	12	23	81	2	02	0	1	5	6	3	0									
	20	9853	00		512	14	30	81	0	01	0	0	0	9	0	0									
	23	9864	502		515	15	29	81	0	02	0	0	0	9	0	0				14	44	292		08	503
02	02	9886	503		514	15	27	81	0	02	0	0	0	9	0	0									
	05	9898	501		513	15	27	81	0	02	0	0	0	9	0	0									
	08	9916	05		509	13	33	81	1	02	0	0	0	9	0	5									
	11	9930	06		506	13	23	81	2	02	0	0	0	9	0	5									
	14	9939	11		502	13	17	81	3	05	0	0	0	9	0	5									
	17	9948	10		501	12	10	81	7	03	2	0	0	9	7	6									
	20	9952	04		507	13	17	81	8	02	2	0	0	9	7	6									
	23	9951	03		508	16	10	81	8	02	2	0	0	9	0	7				14	46	571		12	503
03	02	9948	02		510	15	26	81	8	03	2	1	5	6	0	7									
	05	9943	02		509	15	22	81	6	01	2	0	0	9	3	5									
	08	9941	02		510	36	08	81	8	02	2	0	0	9	0	6									
	11	9935	07		507	00	00	81	8	02	2	0	0	9	0	7									
	14	9925	11		503	00	00	81	8	02	2	0	0	9	0	7									
	17	9926	09		506	00	00	81	8	02	2	0	0	9	1	6									
	20	9920	05		505	00	00	81	8	02	2	0	0	9	0	6									
	23	9921	07		504	00	00	81	8	02	2	0	0	9	0	6				14	35	346		12	01
04	02	9914	05		503	00	00	81	8	02	2	0	0	9	2										
	05	9913	06		502	00	00	81	8	02	2	0	0	9	7										
	08	9909	05		502	00	00	81	8	02	2	0	0	9	7										
	11	9905	09		500	00	00	81	8	02	2	0	0	9	7										
	14	9895	09		502	00	00	81	8	02	2	0	0	9	7										
	17	9891	08		500	00	00	81	8	02	2	0	0	9	1										
	20	9874	07		02	00	00	81	8	02	2	0	0	9	1										
	23	9869	05		503	00	00	81	7	02	2	0	0	9	1					14	11	066		11	03
05	02	9864	05		505	00	00	81	7	02	2	0	0	9	1										
	05	9864	05		506	00	00	81	6	02	2	0	0	9	1										
	08	9867	05		507	13	23	81	8	02	2	0	0	9	0	4									
	11	9878	11		503	00	00	81	8	02	2	0	0	9	0	4									
	14	9890	11		501	00	00	81	6	02	2	0	0	9	0	6									
	17	9903	10		501	00	00	81	6	02	2	0	0	9	0	2									
	20	9911	05		502	10	03	81	3	01	2	0	0	9	0	2									
	23	9916	01		506	00	00	81	1	01	1	0	0	9	0	1				14	30	122		12	00
06	02	9921	502		510	00	00	81	1	00	0	0	0	9	0	1									
	05	9924	504		517	13	18	81	1	00	0	0	0	9	0	1									
	08	9922	503		510	13	32	81	1	02	0	0	0	9	0	1									
	11	9928	03		511	05	11	81	2	03	0	0	0	9	0	5									
	14	9921	06		505	11	14	81	3	03	1	0	0	9	4	1									
	17	9914	05		509	12	12	81	2	01	1	0	0	9	3	0									
	20	9913	502		513	13	16	81	2	02	0	0	0	9	3	1									
	23	9906	506		517	13	16	81	0	00	0	0	0	9	0	0				14	45	216		06	506
07	02	9903	509		519	13	13	81	0	00	0	0	0	9	0	0									
	05	9898	508		519	13	17	81	1	00	0	0	0	9	0	1									
	08	9900	506		519	00	00	81	0	02	0	0	0	9	0	0									
	11	9899	502		517	12	26	81	1	00	0	0	0	9	0	1									
	14	9911	501		514	10	13	81	0	02	0	0	0	9	0	0									
	17	9917	500		514	08	13	81	1	02	0	1	5	6	0	0									
	20	9932	507		519	12	21	81	1	02	0	1	5	6	0	0									
	23	9944	509		521	12	28	81	1	02	0	1	5	6	0	0				12	40	319		00	510
08	02	9954	507		521	12	26	81	1	02	0	1	5	6	0	0									
	05	9966	510		522	12	36	81	1	36	0	1	5	6	0	0									
	08	9995	508		519	12	27	81	1	02	0	1	5	6	0	0									
	11	10011	501		511	13	11	81	8	03	1	8	5	7											
	14	10034	02		511	14	13	81	7	02	2	7	5	7											
	17	10047	03		510	13	07	81	7	02	2	7	5	7											
	20	10065	500		512	00	00	81	7	02	2	7	5	7											
	23	10074	507		515	16	14	81	0	01	2	0	0	9	0	0				12	49	539		03	510
09	02	10082	511		521	16	19	81	0	02	0	0	0	9	0	0									
	05	10085	508		520	13	17	81	3	03	0	1	5	6	0	6									
	08	10090	503		518	14	11	81	8	03	1	0	0	9	0	4									
	11	10097	501		515	12	14	81	8	02	2	1	5	6	1	7									
	14	10098	501		512	00	00	81	9	02	2	1	5	6	1	7									
	17	10105	03		509	07	11	81	8	02	2	1	5	6	1										
	20	10123	02		509	09	16	81	8	02	2	0	0	9	1										
	23	10137	500		512	11	21	81	3	01	2	0	0	9	1	0				12	37	279		03	511

Results of Surface Observations,
MAWSON – Oct., 1960

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND											DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD AMOUNT	LOW CLOUD TYPE	LOW CLOUD BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
10	02	10156	500		513	11	31	81	0	01	1	0	0	9	0	0									
	05	10177	500		514	11	32	81	2	02	1	1	5	6	1	0									
	08	10189	05		510	12	22	81	2	02	0	1	5	6	0	0									
	11	10200	10		508	11	10	81	6	03	2	1	5	6	0	5									
	14	10193	06		505	00	00	81	8	03	2	0	0	9	1										
	17	10181	05		505	00	00	81	8	02	2	0	0	9	1										
	20	10165	05		503	00	00	81	8	02	2	0	0	9	1	6									
	23	10127	07		505	12	22	81	8	02	2	0	0	9	1					12	39	427		10	501
11	02	10099	05		506	12	22	81	8	02	2	0	0	9	1										
	05	10071	08		505	12	21	81	8	02	2	3	7	4	2										
	08	10014	08		505	09	18	81	8	02	2	2	7	4	2										
	11	9981	09		504	09	17	81	8	02	2	1	7	4	2										
	14	9862	12		09	09	22	24	8	71	7	7	7	3											
	17	9798	11		10	11	39	01		71	7														
	20	9763	11		10	11	38	01		39	3														
	23	9712	10		09	11	35	01		39	3									12	54	325		13	05
12	02	9702	10		09	11	38	01		39	3														
	05	9696	11		10	11	37	01		39	3														
	08	9704	13		12	12	34	01		39	3														
	11	9705	15		07	13	32	08	8	36	3	8	7	2											
	14	9715	16		06	13	32	40	8	02	3	8	7	4											
	17	9726	17		06	13	21	81	8	02	2	8	7	5											
	20	9732	15		03	13	23	81	8	02	2	0	0	9	7										
	23	9732	11		01	16	19	81	7	02	2	0	0	9	7					13	56	859		17	10
13	02	9734	11		00	22	11	81	3	01	2	0	0	9	2										
	05	9733	07		504	16	26	81	4	02	2	0	0	9	7										
	08	9726	08		503	16	24	81	3	01	1	0	0	9	0	5									
	11	9727	15		04	14	21	81	1	02	1	0	0	9	0	1									
	14	9731	19		05	12	15	81	1	02	0	0	0	9	0	1									
	17	9732	16		03	12	22	81	1	02	0	0	0	9	0	1									
	20	9730	07		505	13	29	81	2	02	0	0	0	9	0	1									
	23	9735	05		505	12	31	81	4	03	0	0	0	9	7	0				12	43	535		19	05
14	02	9735	07		505	12	28	81	6	03	2	0	0	9	7										
	05	9720	10		501	12	29	81	7	02	2	0	0	9	7										
	08	9718	13		01	12	32	81	8	02	2	0	0	9	3	5									
	11	9717	15		03	13	34	81	8	02	2	0	0	9	7										
	14	9719	17		05	13	32	81	8	02	2	8	5	6											
	17	9720	18		04	13	31	81	7	02	2	5	5	6	1										
	20	9739	15		03	13	27	81	8	02	2	6	5	6	1										
	23	9755	14		02	13	26	81	8	02	2	4	5	6	1					12	45	317		18	05
15	02	9766	12		01	13	25	81	6	02	2	0	0	9	1										
	05	9772	11		501	13	25	81	5	01	2	1	5	6	7										
	08	9781	12		501	13	25	81	5	02	2	1	5	6	7	0									
	11	9788	14		02	12	25	81	5	02	2	0	0	9	3	5									
	14	9798	19		06	12	20	81	5	02	2	0	0	9	3	8									
	17	9801	19		06	09	15	81	7	02	2	1	6	5	3	8									
	20	9809	11		01	13	25	81	8	02	2	0	0	9	7										
	23	9813	11		01	13	23	81	8	02	2	0	0	9	7					12	37	940		19	11
16	02	9815	11		00	13	22	81	8	02	2	0	0	9	7										
	05	9813	09		502	15	19	81	7	02	2	0	0	9	7	1									
	08	9812	10		502	13	22	81	7	02	2	0	0	9	7										
	11	9809	13		500	11	21	81	8	02	2	0	0	9	7	6									
	14	9812	17		03	11	11	81	8	02	2	0	0	9	7										
	17	9811	16		04	09	09	81	7	02	2	0	0	9	7										
	20	9812	11		00	11	17	81	7	02	2	0	0	9	7										
	23	9813	09		503	13	22	81	8	02	2	0	0	9	7					14	34	504		17	08
17	02	9817	09		504	13	17	81	7	02	2	0	0	9	7										
	05	9815	07		505	13	21	81	7	02	2	0	0	9	7										
	08	9817	08		504	13	18	81	7	02	2	0	0	9	7										
	11	9819	11		502	12	17	81	7	02	2	0	0	9	7										
	14	9819	14		03	05	04	81	7	02	2	0	0	9	7										
	17	9823	15		04	00	00	81	6	02	2	0	0	9	7										
	20	9832	08		502	13	17	81	3	01	2	0	0	9	3	0									
	23	9839	03		507	13	18	81	2	01	0	0	0	9	3	0				14	29	406		15	03
18	02	9843	00		510	15	23	81	1	01	0	0	0	9	3	0									
	05	9845	502		513	15	22	81	1	01	0	0	0	9	3	0									
	08	9849	01		510	16	20	81	1	00	0	0	0	9	0	1									
	11	9853	09		504	13	11	81	2	02	0	0	0	9	0	1									
	14	9860	08		505	00	00	81	1	02	0	0	0	9	3	1									
	17	9864	09		502	00	00	81	1	00	0	0	0	9	0	1									
	20	9874	06		505	13	12	81	0	02	0	0	0	9	0	0									
	23	9884	02		509	14	16	81	0	02	0	0	0	9	0	0				16	32	321		11	502

Results of Surface Observations,
MAWSON – Oct., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	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	9891	501		512	14	17	81	0	00	0	0	0	9	0	0									
	05	9899	01		514	13	08	81	1	03	0	1	5	6	0	0									
	08	9911	03		511	10	15	81	2	03	0	1	5	6	0	5									
	11	9915	05		507	11	19	81	4	03	1	0	0	9	0	6									
	14	9931	10		502	09	12	81	7	03	2	0	0	9	3	6									
	17	9938	10		501	10	12	81	8	02	2	0	0	9	1										
	20	9948	08		01	09	23	24	8	71	7	8	6	3											
	23	9961	07		01	11	32	24	8	71	7	8	6	3						12	38	239		11	502
20	02	9967	05		00	11	33	08	8	38	3	8	6	3											
	05	9977	05		501	12	34	04	8	38	3	8	6	3											
	08	9992	08		02	12	27	08	8	36	3	8	6	3											
	11	10000	11		04	12	21	32	8	70	7	8	6	3											
	14	10008	14		05	12	14	40	8	02	7	8	6	3											
	17	10008	11		05	03	10	40	8	70	7	8	6	3											
	20	10006	07		02	04	10	24	8	71	7	8	6	3											
	23	10003	06		02	04	08	24	8	71	7	8	6	3						14	42	528		14	04
21	02	9988	05		02	00	00	24	8	02	7	8	6	4											
	05	9974	05		500	00	00	80	8	02	7	8	6	5											
	08	9950	05		503	12	17	81	8	02	2	8	6	5											
	11	9941	10		02	00	00	81	8	02	2	0	0	9	1										
	14	9926	09		03	00	00	81	8	02	2	0	0	9	1										
	17	9911	09		04	00	00	81	7	02	2	0	0	9	1	6									
	20	9901	06		502	13	17	81	0	02	2	0	0	9	0	6									
	23	9892	05		505	12	23	81	8	02	2	0	0	9	0	6				14	31	273		12	03
22	02	9881	03		505	13	25	81	8	02	2	0	0	9	0	6									
	05	9876	04		506	13	23	81	8	02	2	0	0	9	0	6									
	08	9878	06		504	13	19	81	8	02	2	0	0	9	0	6									
	11	9876	10		501	10	17	81	8	02	2	0	0	9	0	6									
	14	9888	12		00	00	00	81	8	02	2	0	0	9	0	6									
	17	9892	10		01	00	00	81	8	02	2	0	0	9	1	6									
	20	9893	10		501	12	14	81	8	02	2	0	0	9	1	6									
	23	9897	06		505	12	19	81	8	02	2	0	0	9	1	6				14	32	328		13	03
23	02	9903	04		506	13	22	81	8	02	2	0	0	9	2	6									
	05	9900	04		507	13	19	81	8	02	2	8	0	8	2										
	08	9903	05		507	13	17	81	8	02	2	2	0	8	3	6									
	11	9903	06		505	00	00	81	8	02	2	2	0	8	3	6									
	14	9902	08		502	00	00	81	8	02	2	1	0	8	3	7									
	17	9898	09		501	00	00	81	8	02	2	6	0	8	3	7									
	20	9897	08		00	00	00	81	8	02	2	5	0	8	3	7									
	23	9893	06		506	13	15	81	6	01	2	3	0	8	3	7				12	29	319		09	03
24	02	9890	04		506	13	23	81	6	02	2	6	0	8	3										
	05	9889	02		508	13	14	81	2	01	2	2	0	8	3	0									
	08	9874	03		506	13	27	81	1	36	1	1	0	8	3	0									
	11	9870	06		504	13	19	81	8	03	2	7	5	5											
	14	9864	10		502	09	11	81	5	01	2	5	5	5											
	17	9858	11		502	09	10	81	1	01	1	1	5	6	0	0									
	20	9853	05		505	13	15	81	1	02	0	1	5	5	0	0									
	23	9852	03		507	13	17	81	0	00	0	0	0	9	0	0				14	44	291		11	02
25	02	9853	01		509	13	28	81	0	36	0	0	0	9	0	0									
	05	9853	01		509	13	28	81	0	36	3	0	0	9	0	0									
	08	9856	02		509	13	28	82	2	36	3	2	5	6	0	0									
	11	9859	06		506	13	27	82	2	02	2	2	5	6	0	0									
	14	9865	11		502	12	18	81	3	02	2	3	5	6	0	0									
	17	9870	11		501	12	19	81	3	02	1	3	5	6	0	0									
	20	9878	06		507	12	19	81	1	02	0	1	5	6	0	0									
	23	9886	01		510	14	15	81	0	00	0	0	0	9	0	0				14	38	436		11	501
26	02	9885	00		510	14	31	81	0	00	0	0	0	9	0	0									
	05	9881	502		513	14	21	81	1	00	0	1	5	6	0	0									
	08	9881	03		510	16	22	81	0	05	0	0	0	9	0	0									
	11	9881	06		508	14	23	81	0	05	0	0	0	9	0	0									
	14	9884	11		505	12	14	81	0	00	0	0	0	9	0	0									
	17	9888	11		504	12	11	81	0	00	0	0	0	9	0	0									
	20	9897	04		508	13	18	81	0	00	0	0	0	9	0	0									
	23	9899	02		512	13	26	81	0	00	0	0	0	9	0	0				16	38	495		11	504
27	02	9914	501		515	13	21	81	0	02	0	0	0	9	0	1									
	05	9907	502		515	16	22	81	1	03	0	0	0	9	4	1									
	08	9909	01		512	14	32	81	2	02	1	1	0	8	3	1									
	11	9913	05		509	13	28	81	8	03	2	0	0	9	0	6									
	14	9903	07		507	11	25	81	8	02	2	0	0	9	3	7									
	17	9897	06		506	10	27	81	8	02	2	1	0	9	3	7									
	20	9875	03		508	11	40	80	8	36	2	0	0	9	0	7									
	23	9853	02		504	11	45	16	8	38	3	1	5	6	0	7				12	60	445		07	503

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
28	02	9815	01		502	11	59	00		39	3														
	05	9803	02		501	12	52	00	8	39	3	8	0	8	2										
	08	9805	05		501	13	52	08	8	38	3	8	7	4											
	11	9801	06		01	13	52	02	8	39	3	8	7	3											
	14	9767	08		04	12	62	01	8	39	3	8	7	5											
	17	9753	08		03	13	60	03	8	39	3	8	7	5											
	20	9736	09		05	13	58	40	8	38	3	8	7	5											
	23	9723	11		02	12	60	08	8	38	3	8	7	5						14	71	965		12	00
29	02	9700	13		04	12	56	16	8	36	3	8	7	5											
	05	9676	13		04	13	56	08	7	36	3	7	5	5											
	08	9660	13		07	13	56	16	7	36	3	7	5	5											
	11	9641	17		07	13	63	40	7	36	3	7	5	5											
	14	9608	20		07	13	50	40	8	36	3	8	7	5											
	17	9582	20		06	14	45	08	8	02	3	8	7	5											
	20	9561	15		09	15	51	04	8	38	2	3	7	5	0	6									
	23	9527	18		07	15	42	24	8	36	3	8	7	5						14	79	1380		21	11
30	02	9497	16		06	14	47	24	8	36	3	8	7	5											
	05	9487	18		06	13	38	81	8	02	3	8	0	8	7										
	08	9482	20		08	11	39	81	8	02	2	8	0	8	7										
	11	9482	21		11	13	43	80	8	02	2	8	5	7											
	14	9492	26		11	13	40	80	8	02	2	8	5	7											
	17	9504	27		13	13	39	81	8	02	2	8	5	7											
	20	9521	30		14	13	45	81	8	02	2	8	6	5											
	23	9532	29		19	13	38	80	8	02	2	8	6	5						14	70	1076		30	15
31	02	9574	24		20	09	13	40	8	02	2	8	7	5											
	05	9591	25		22	11	31	08	8	71	7	8	7	4											
	08	9635	26		25	10	38	02		39	7														
	11	9672	28		25	09	25	08	8	73	7	8	7	2											
	14	9715	29		28	09	36	00		69	7														
	17	9749	29		27	10	34	03	8	69	7	8	7	2											
	20	9778	26		22	11	32	08	8	36	7	5	7	5	0	2									
	23	9786	23		20	11	38	08	8	38	3	8	7	5						12	53	862		29	23

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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
		inHg × 10⁻¹	°F	°F	°F	°×10	kt	VV	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	9783	23		20	11	38	08	8	38	3	8	7	5											
	05	9783	27		17	13	28	40	8	36	3	8	7	6											
	08	9763	25		15	16	31	81	5	36	3	2	5	6	0	6									
	11	9754	29		15	11	25	81	8	02	2	0	0	9	3	6									
	14	9737	33		17	13	10	81	6	01	1	1	5	6	0	2									
	17	9731	30		15	14	05	81	3	01	1	0	0	9	0	1									
	20	9725	23		09	13	23	81	3	02	0	0	0	9	0	1									
	23	9729	17		02	14	30	81	1	01	0	0	0	9	0	1				12	52	810		33	16
02	02	9740	12		501	14	30	81	1	01	0	0	0	9	0	1									
	05	9749	08		505	14	34	81	1	00	0	0	0	9	0	1									
	08	9765	16		00	13	21	81	8	03	1	0	0	9	0	6									
	11	9779	19		03	13	22	81	7	02	2	0	0	9	0	6									
	14	9795	25		06	13	13	81	2	02	2	1	4	6	0	5									
	17	9815	24		07	13	13	81	3	02	2	0	0	9	3	9									
	20	9826	18		04	15	18	81	2	02	2	0	0	9	3	1									
	23	9834	15		502	14	21	81	1	01	0	0	0	9	4	0				13	45	473		25	07
03	02	9846	13		502	14	21	81	1	00	0	0	0	9	4	0									
	05	9849	13		503	13	22	81	1	00	0	0	0	9	4	0									
	08	9844	15		01	13	29	81	1	00	0	0	0	9	3	0									
	11	9840	21		06	13	22	81	1	00	0	0	0	9	0	1									
	14	9844	23		10	04	07	81	1	00	0	0	0	9	3	1									
	17	9832	25		10	09	16	81	7	03	1	7	0	8	7	8									
	20	9819	23		10	11	18	81	8	03	2	8	0	8	7										
	23	9812	21		11	11	13	81	9	02	2	3	7	5	7					13	40	451		25	12
04	02	9794	21		13	11	23	80	9	02	2	5	7	5	7										
	05	9783	22		14	11	26	80	8	02	2	5	7	5	7										
	08	9770	23		14	11	28	80	8	02	2	4	7	5	2										
	11	9758	25		17	09	19	80	8	02	2	4	7	6	2										
	14	9742	26		18	09	26	81	8	02	2	4	7	6	2										
	17	9727	24		17	11	36	04	7	36	7	4	7	6	2	8									
	20	9728	20		18	11	33	03	7	38	3	7	5	6											
	23	9716	21		17	11	31	02		38	3	9								12	52	473		27	19
05	02	9700	19		17	11	37	02		38	3														
	05	9690	18		16	11	44	01		39	3														
	08	9713	21		19	11	33	01		39	3														
	11	9720	21		20	12	32	00		39	3														
	14	9727	22		21	12	35	00		39	3														
	17	9744	22		21	12	42	00		39	3														
	20	9757	21		16	12	37	40	8	37	3	6	5	6	0	5									
	23	9759	21		09	13	36	80	8	56	3	6	5	6	0	5				13	56	887		23	18
06	02	9763	22		08	13	33	81	8	02	3	5	5	6	0	6									
	05	9768	18		06	14	35	81	7	02	2	3	5	6	0	6									
	08	9768	24		09	14	35	81	7	02	2	3	5	6	0	6									
	11	9775	27		11	13	28	81	7	02	2	3	5	6	3	6									
	14	9785	28		13	11	23	81	8	03	2	8	0	7	7										
	17	9791	28		14	12	18	81	8	02	2	3	5	6	7										
	20	9801	26		12	13	19	81	8	02	2	2	5	6	7										
	23	9817	25		12	13	17	81	7	02	2	7	5	6						15	52	825		28	17
07	02	9830	19		05	13	17	81	2	01	1	0	0	9	3	0									
	05	9834	19		04	13	22	81	2	01	1	0	0	9	3	0									
	08	9844	23		05	13	18	81	1	01	1	0	0	9	3	0									
	11	9850	22		10	00	00	81	1	05	0	0	0	9	0	5									
	14	9847	29		12	00	00	81	8	05	0	0	0	9	0	7									
	17	9848	25		12	00	00	81	8	02	2	1	5	7	0	7									
	20	9841	21		16	00	00	81	8	02	2	0	0	9	0	7									
	23	9839	19		13	00	00	81	8	02	2	0	0	9	0	7				13	30	458		29	19
08	02	9840	18		09	00	00	81	1	01	1	0	0	9	0	1									
	05	9835	16		03	00	00	82	1	00	0	0	0	9	0	1									
	08	9832	23		01	13	10	82	2	02	0	0	0	9	3	1									
	11	9836	24		02	13	18	82	1	00	0	0	0	9	0	1									
	14	9836	27		07	11	15	82	1	00	0	0	0	9	0	1									
	17	9837	25		12	00	00	81	1	00	0	0	0	9	0	1									
	20	9837	21		08	11	11	81	2	03	0	1	5	6	0	1									
	23	9833	16		03	13	18	81	2	02	0	0	0	9	0	1				13	29	152		28	15
09	02	9818	15		501	13	27	81	1	02	0	0	0	9	3	0									
	05	9808	15		503	13	26	81	1	02	0	0	0	9	3	1									
	08	9797	17		501	13	28	81	1	02	0	0	0	9	3	1									
	11	9793	20		02	13	23	81	1	02	0	0	0	9	3	8									
	14	9792	23		05	09	16	81	2	02	0	0	0	9	3	1									
	17	9793	23		06	11	14	81	2	02	0	0	0	9	3	1									
	20	9802	17		06	12	12	81	1	02	0	0	0	9	4	0									
	23	9809	12		501	14	14	81	1	02	0	0	0	9	4	0				13	38	430		23	11

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		inb × 10^{-1}	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	02	9814	09		504	16	17	81	1	02	0	0	0	9	3	0									
	05	9815	12		503	13	23	81	1	02	0	0	0	9	3	0									
	08	9813	13		502	13	28	81	2	02	0	0	0	9	3	1									
	11	9812	18		03	13	26	81	5	03	1	0	0	9	3	5									
	14	9802	21		05	10	25	81	4	02	2	0	0	9	3	5									
	17	9798	20		06	09	23	81	7	03	2	0	0	9	3	6									
	20	9774	16		03	11	25	81	8	02	2	0	0	9	3	7									
	23	9750	13		06	11	44	81	8	38	2	0	0	9	4	7				12	56	470		21	08
11	02	9726	15		11	12	47	04		38	3														
	05	9708	14		13	12	52	00		39	3														
	08	9686	14		13	12	48	00		39	3														
	11	9671	15		14	12	49	00		39	3														
	14	9672	17		16	13	51	00		39	3														
	17	9668	19		18	13	54	16	8	38	3	8	7	5											
	20	9682	19		08	13	39	24	8	38	3	3	7	4	7										
	23	9689	19		07	13	38	40	8	36	3	3	5	5	7					13	64	847		20	14
12	02	9708	18		05	13	31	81	8	02	3	3	5	5	2										
	05	9703	19		05	13	35	80	8	02	2	4	7	5	2										
	08	9712	22		07	13	29	80	8	02	2	4	7	5	2										
	11	9720	25		09	12	24	80	8	02	2	8	5	5											
	14	9728	27		11	12	21	81	7	01	2	4	5	5	2										
	17	9734	27		11	05	07	81	7	02	2	3	5	5	7										
	20	9744	24		07	16	11	81	7	02	2	2	5	7	7										
	23	9756	19		06	14	22	81	6	02	2	6	0	8	7					13	52	1014		28	17
13	02	9765	19		06	14	25	81	8	02	2	8	0	8	7										
	05	9775	21		06	14	17	81	8	02	2	8	0	8	7										
	08	9793	22		05	13	25	81	8	02	2	8	0	8	7										
	11	9809	24		11	13	25	81	7	02	2	7	5	6											
	14	9816	28		12	11	22	81	5	01	2	5	5	6											
	17	9824	28		13	11	19	81	7	02	2	4	5	6	7										
	20	9833	25		12	11	20	81	8	70	2	2	5	6	2										
	23	9844	23		10	12	27	80	9	15	7	2	7	4	2					12	38	460		29	19
14	02	9853	23		09	13	20	80	8	02	2	2	5	6	7										
	05	9858	22		08	13	17	81	8	02	2	8	0	8	7										
	08	9859	23		07	14	23	81	7	02	2	7	0	8	7										
	11	9851	25		08	14	23	81	7	02	2	0	0	9	7										
	14	9846	30		09	14	16	81	3	01	1	0	0	9	7	0									
	17	9841	31		09	11	04	81	1	01	1	0	0	9	7	0									
	20	9834	26		11	00	00	81	1	02	0	0	0	9	7	0									
	23	9827	18		08	13	16	81	1	02	0	0	0	9	7	0				13	41	413		31	18
15	02	9821	17		00	13	23	81	0	00	0	0	0	9	0	0									
	05	9814	13		503	16	28	81	0	00	0	0	0	9	0	0									
	08	9816	17		00	14	28	81	2	03	0	0	0	9	0	5									
	11	9824	23		06	12	24	81	7	03	1	6	0	7	3	1									
	14	9831	26		07	09	17	81	4	01	1	2	0	7	3	5									
	17	9842	25		08	04	04	81	7	03	1	3	0	6	3	6									
	20	9849	26		10	12	05	81	3	01	1	1	5	6	3	5									
	23	9850	17		04	13	17	81	4	02	1	2	0	8	3	5				12	44	404		27	13
16	02	9850	15		00	13	20	81	3	02	1	1	0	8	3	5									
	05	9840	15		502	13	17	81	6	03	2	2	0	8	3	6									
	08	9828	15		00	14	24	81	7	03	2	7	0	8	7	1									
	11	9813	20		04	13	24	81	7	02	2	7	5	6											
	14	9802	23		06	11	17	81	7	02	2	7	5	6											
	17	9793	24		07	11	19	81	7	03	1	3	5	6	0	6									
	20	9791	19		06	12	20	81	4	03	1	4	5	6	0	1									
	23	9791	16		03	13	25	81	7	02	2	7	5	7						13	35	398		25	14
17	02	9789	17		03	13	25	81	7	02	2	7	5	7											
	05	9796	18		03	13	22	81	7	02	2	7	5	7											
	08	9812	18		03	13	23	81	8	03	2	8	5	6											
	11	9822	19		05	13	25	80	8	70	7	8	5	5											
	14	9829	21		15	11	26	40	8	70	7	8	7	5											
	17	9838	23		17	12	23	24	8	70	7	8	7	6											
	20	9860	26		22	07	15	81	7	01	2	2	5	6	7										
	23	9893	23		22	04	06	40	8	02	2	8	5	6						12	38	512		26	16
18	02	9913	22		21	00	00	40	8	02	7	8	5	6											
	05	9927	23		18	09	11	81	7	02	2	6	5	6	2										
	08	9931	23		22	09	32	00		39	3														
	11	9942	25		21	09	32	16	8	38	3	8	7	2											
	14	9950	27		19	11	26	80	8	36	3	3	7	5	1										
	17	9951	29		17	09	12	80	8	02	3	8	7	8	1										
	20	9941	23		11	13	16	81	6	01	2	2	7	5	4										
	23	9928	16		04	15	26	81	5	01	1	0	0	9	0	1				09	45	407		29	15

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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	9900	13		03	15	21	81	2	01	1	0	0	9	3	1									
	05	9875	11		02	16	26	81	1	36	0	0	0	9	3	0									
	08	9842	15		07	16	31	81	0	36	3	0	0	9	0	0									
	11	9801	17		08	16	34	81	0	36	3	0	0	9	0	0									
	14	9761	26		08	13	16	81	0	00	0	0	0	9	0	0									
	17	9736	27		09	13	05	81	0	00	0	0	0	9	0	0									
	20	9708	21		06	13	02	81	0	00	0	0	0	9	0	0									
	23	9687	12		00	13	23	81	0	00	0	0	0	9	0	0				15	50	531		27	11
20	02	9675	12		00	13	19	81	0	00	0	0	0	9	0	0									
	05	9656	10		502	13	19	81	0	00	0	0	0	9	0	0									
	08	9649	15		00	16	18	81	0	00	0	0	0	9	0	0									
	11	9646	16		04	00	00	81	0	00	0	0	0	9	0	0									
	14	9659	20		05	00	00	81	0	00	0	0	0	9	0	0									
	17	9668	20		08	27	05	81	1	00	0	1	1	6	0	0									
	20	9685	19		08	00	00	81	0	00	0	0	0	9	0	0									
	23	9704	15		09	00	00	81	1	00	0	1	5	6	0	0				15	37	407		21	08
21	02	9725	13		01	13	21	81	1	00	0	1	5	6	0	0									
	05	9746	12		00	13	22	81	1	00	0	1	5	6	0	0									
	08	9774	18		03	13	17	81	1	03	1	1	5	6	0	0									
	11	9797	20		08	13	20	81	7	03	2	7	5	6											
	14	9827	21		15	12	27	40	7	71	7	7	5	5											
	17	9842	23		16	12	26	81	7	02	7	7	8	6											
	20	9870	21		13	13	28	81	7	02	2	7	5	6											
	23	9890	20		10	12	35	81	8	38	2	8	5	6						13	48	233		24	12
22	02	9908	18		09	13	35	81	8	36	3	8	5	6											
	05	9926	18		08	13	31	81	8	02	2	8	5	6											
	08	9941	21		11	13	18	81	8	02	2	8	5	6											
	11	9948	26		13	13	16	81	8	02	2	7	5	6											
	14	9940	31		12	13	12	81	7	02	2	0	0	9	3	0									
	17	9927	32		13	13	11	81	2	01	1	0	0	9	3	0									
	20	9914	27		09	00	00	81	1	01	1	0	0	9	3	0									
	23	9899	16		05	13	20	81	1	00	0	0	0	9	3	0				13	48	646		32	14
23	02	9883	15		03	13	26	81	1	00	0	0	0	9	3	0									
	05	9876	15		02	13	22	81	1	00	0	0	0	9	3	0									
	08	9860	18		05	13	23	81	0	00	0	0	0	9	0	0									
	11	9849	25		12	12	11	81	1	00	0	0	0	9	3	0									
	14	9834	29		14	00	00	81	2	03	0	0	0	9	3	0									
	17	9822	26		14	00	00	81	2	02	0	0	0	9	3	0									
	20	9805	27		13	00	00	81	3	03	2	0	0	9	3	0									
	23	9798	22		13	00	00	81	7	03	2	0	0	9	3	0				13	35	391		29	12
24	02	9794	18		10	00	00	81	7	02	2	0	0	9	3										
	05	9792	19		11	00	00	81	7	02	2	0	0	9	3										
	08	9797	21		14	00	00	81	8	02	2	0	0	9	3										
	11	9802	24		16	00	00	81	8	02	2	0	0	9	3										
	14	9823	27		19	00	00	81	8	02	2	0	0	9	2										
	17	9836	27		19	00	00	81	8	02	2	0	0	9	2										
	20	9859	23		20	00	00	81	8	00	2	0	0	9	3										
	23	9868	22		13	13	23	81	8	00	2	0	0	9	3					13	37	146		27	17
25	02	9890	19		09	13	33	81	7	01	2	0	0	9	3										
	05	9902	19		09	13	31	81	6	01	2	0	0	9	3	0									
	08	9912	23		12	13	27	81	1	01	1	0	0	9	3	0									
	11	9917	26		13	12	25	81	2	02	1	0	0	9	3	0									
	14	9920	29		16	11	21	81	5	03	1	0	0	9	3	0									
	17	9920	27		13	11	19	81	7	03	2	0	0	9	3	0									
	20	9914	25		13	11	23	81	8	02	2	0	0	9	2										
	23	9918	22		14	13	28	81	8	36	2	3	6	5	2					12	44	330		30	19
26	02	9910	22		11	13	28	81	8	02	2	0	0	9	2										
	05	9907	21		10	13	30	81	8	02	2	3	7	6	2										
	08	9904	25		12	11	23	81	7	01	2	0	0	9	7										
	11	9901	28		14	11	19	81	8	02	2	0	0	9	4	6									
	14	9891	30		16	11	20	81	6	01	1	3	5	6	4	6									
	17	9885	29		16	11	20	81	7	01	1	2	5	6	7										
	20	9879	26		13	11	24	81	7	02	2	1	5	6	7										
	23	9872	22		08	13	23	81	8	03	2	3	5	6	7					12	41	615		31	21
27	02	9869	21		10	13	20	81	8	02	2	3	5	6	7										
	05	9863	24		09	13	33	81	6	02	2	0	0	9	7										
	08	9854	26		10	13	32	81	7	03	2	0	0	9	3										
	11	9853	27		13	13	29	81	7	02	2	0	0	9	3										
	14	9852	30		17	11	25	81	8	02	2	0	0	9	3	7									
	17	9843	28		16	12	31	81	8	03	2	2	5	6	0	7									
	20	9852	26		16	12	28	81	8	02	2	0	0	9	2										
	23	9845	24		16	12	36	81	8	02	2	1	5	6	2					12	52	606		30	21

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
28	02	9855	24		16	13	39	81	8	02	2	1	5	6	4										
	05	9863	24		18	11	38	80	8	56	3	3	7	5	2	8									
	08	9884	26		17	11	32	81	7	02	2	0	0	9	3										
	11	9895	29		18	12	32	81	8	02	2	0	0	9	3										
	14	9909	33		19	12	23	81	8	02	2	0	0	9	7										
	17	9931	34		19	12	16	81	7	02	2	0	0	9	3										
	20	9941	30		16	13	19	81	7	02	2	0	0	9	3										
	23	9951	27		11	13	25	81	8	02	2	0	0	9	7					12	61	778		34	23
29	02	9956	23		09	14	25	81	7	02	2	0	0	9	7										
	05	9963	25		09	16	14	81	7	02	2	0	0	9	7										
	08	9968	28		09	13	16	81	1	01	1	0	0	9	3	0									
	11	9968	30		13	11	23	81	1	00	0	0	0	9	3	0									
	14	9980	33		20	09	09	81	1	00	0	0	0	9	3	0									
	17	9976	34		16	09	11	81	1	00	0	0	0	9	3	0									
	20	9975	30		17	11	11	81	2	03	1	1	4	6	4	0									
	23	9973	23		10	13	21	81	1	00	0	0	0	9	4	0				12	39	552		34	22
30	02	9952	22		05	13	30	81	1	00	0	0	0	9	4	0									
	05	9942	20		04	13	31	81	1	00	0	0	0	9	3	0									
	08	9924	23		06	13	28	81	1	00	0	0	0	9	3	0									
	11	9913	27		11	12	21	81	1	00	0	0	0	9	3	0									
	14	9897	29		12	09	17	81	1	00	0	0	0	9	3	0									
	17	9888	29		12	04	12	81	2	03	1	1	1	5	3	0									
	20	9880	27		13	08	08	81	7	03	2	7	5	6											
	23	9878	21		07	12	26	81	2	02	1	2	5	7	0	0				12	45	514		30	20

Results of Surface Observations,
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LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND											DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				
												LOW CLOUD											
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES: MAXIMUM	EXTREME TEMPERATURES: MINIMUM
		iib × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St. miles	Points	°F	°F
01	02	9877	18		03	12	32	81	2	02	1	2	5	7	0	0									
	05	9875	19		04	13	35	81	5	03	1	0	0	9	3	0									
	08	9868	22		06	13	35	81	2	01	2	0	0	9	3	0									
	11	9873	25		11	12	23	81	7	03	1	0	0	9	7				5						
	14	9876	25		15	12	31	81	8	70	2	5	6	5	2										
	17	9881	25		15	12	30	81	8	70	7	5	6	5	2										
	20	9896	24		11	12	30	81	7	02	7	7	6	4											
	23	9907	22		10	12	29	81	7	02	2	7	6	4						13	47	525		26	16
02	02	9910	23		09	12	31	81	6	02	2	6	5	5	8										
	05	9913	21		06	13	27	81	6	02	2	4	5	4	0										
	08	9913	23		07	12	28	81	4	02	1	1	5	5	0	6									
	11	9917	28		14	13	19	81	7	03	1	7	5	6	3	0									
	14	9917	32		17	09	10	81	2	01	2	0	0	9	0	1									
	17	9917	31		22	00	00	81	6	03	1	0	4	6	3	5									
	20	9917	30		21	00	00	81	5	03	1	5	8	6	0										
	23	9920	23		15	00	00	81	6	02	1	6	8	6	0	0				13	42	650		32	20
03	02	9914	16		06	14	20	81	3	02	1	3	5	6	0	0									
	05	9901	19		05	15	23	81	3	02	1	3	5	6	0	0									
	08	9896	25		10	16	14	81	1	01	1	1	5	6	0	0									
	11	9886	28		09	13	16	81	1	00	1	1	1	6	0	0									
	14	9877	32		12	11	15	81	1	02	0	1	5	6	0	0									
	17	9876	33		13	11	07	81	1	02	0	1	5	5	0	0									
	20	9877	31		12	00	00	81	1	02	0	1	5	5	0	0									
	23	9880	21		09	15	23	81	1	02	0	1	5	5	0	0				13	38	333		33	15
04	02	9880	17		03	16	25	81	2	02	0	2	5	6	0	0									
	05	9878	19		04	16	18	81	2	02	0	2	5	6	0	0									
	08	9874	22		06	13	20	81	1	02	0	1	5	6	0	5									
	11	9876	27		09	11	06	81	2	02	0	1	0	6	0	5									
	14	9881	30		15	00	00	81	2	02	1	0	0	9	0	5									
	17	9880	30		15	00	00	81	3	03	1	0	0	9	0	5									
	20	9890	28		15	00	00	81	7	03	2	0	0	9	0	6									
	23	9892	22		12	13	17	81	6	02	2	0	0	9	0	6				15	34	370		30	16
05	02	9893	20		07	13	23	81	6	02	2	0	0	9	0	6									
	05	9897	20		06	13	26	81	7	02	2	0	0	9	0	6									
	08	9893	22		08	12	26	81	7	02	2	0	0	9	0	6									
	11	9886	27		14	11	19	81	8	02	2	0	0	9	2	7									
	14	9880	31		16	07	11	81	8	02	2	0	0	9	0	7									
	17	9871	31		17	00	00	81	8	03	2	0	0	9	1										
	20	9859	26		18	00	00	81	8	02	2	0	0	9	1										
	23	9847	25		18	00	00	81	8	02	2	0	0	9	1					13	37	341		31	19
06	02	9842	23		16	00	00	81	7	02	2	0	0	9	1										
	05	9829	23		10	13	23	81	6	01	2	0	0	9	1	8									
	08	9834	28		13	12	13	81	6	02	1	0	0	9	1	6									
	11	9839	30		17	00	00	81	8	03	2	0	0	9	1	6									
	14	9862	29		18	00	00	81	8	02	2	0	0	9	0	6									
	17	9879	29		17	00	00	81	3	01	1	0	0	9	0	8									
	20	9905	28		17	00	00	81	3	03	1	0	0	9	7	8									
	23	9920	27		21	00	00	81	2	01	1	0	0	9	7	0				13	32	259		31	22
07	02	9935	23		21	00	00	81	2	02	0	0	0	9	3	0									
	05	9940	25		17	00	00	81	2	02	0	0	0	9	3	0									
	08	9936	25		20	00	00	81	2	02	0	0	0	9	3	0									
	11	9924	27		21	00	00	81	0	01	0	0	0	9	3	0									
	14	9908	32		23	00	00	81	3	03	0	1	0	9	1	0									
	17	9880	34		23	00	00	81	8	03	1	0	0	9	0	8									
	20	9866	31		22	00	00	81	8	02	2	0	0	9	0	8									
	23	9847	27		17	12	14	81	7	02	2	1	6	3	1	6				13	24	080		34	22
08	02	9831	23		14	12	24	81	7	02	2	1	5	5	4	6									
	05	9809	25		13	13	25	81	7	02	2	0	0	9	3	7									
	08	9798	27		15	12	20	81	8	02	2	0	0	9	1										
	11	9790	30		20	11	16	81	8	02	2	0	0	9	1										
	14	9771	31		20	11	25	81	8	02	2	2	7	5	1										
	17	9764	29		20	11	30	80	8	02	2	2	7	5	1										
	20	9755	27		20	11	36	80	8	02	2	0	0	9	1										
	23	9729	23		22	12	42	00		39	3									12	54	285		31	22
09	02	9706	25		20	12	47	04	8	36	3	0	0	9	2										
	05	9672	25		17	13	57	04	8	36	3	0	0	9	2										
	08	9614	26		16	13	61	04		36	3														
	11	9570	30		18	13	61	32	8	36	3	8	7	2											
	14	9529	26		26	13	52	00		39	7														
	17	9501	27		26	12	54	00		39	3														
	20	9468	28		27	12	50	00		39	3														
	23	9456	28		28	12	46	00		39	3									13	03	888		31	23

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		inb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	°F	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
10	02	9541	29		29	11	51	00		39	3														
	05	9588	29		29	10	52	00		39	3														
	08	9637	29		29	10	52	03	8	37	3	8	7	4											
	11	9671	30		27	10	45	16	8	37	3	8	0	9	1										
	14	9715	31		29	10	38	08	8	36	7	0	0	9	1										
	17	9735	33		29	10	37	16	6	71	3	0	0	9	1										
	20	9768	31		27	10	30	80	7	70	7	1	5	5	4	6						1309		33	29
	23	9791	30		23	11	27	81	8	02	7	0	0	9	4										
11	02	9803	29		22	11	27	81	8	02	2	0	0	9	4										
	05	9814	31		18	13	33	81	7	02	2	3	6	6	7										
	08	9819	33		21	13	29	81	7	02	2	3	6	6	7										
	11	9826	34		21	07	19	81	7	02	2	3	6	6	7										
	14	9832	34		25	04	12	81	7	02	2	3	6	5	7										
	17	9824	34		23	09	16	81	7	02	2	2	6	5	7										
	20	9809	32		23	10	12	81	7	01	1	0	0	9	4	0									
	23	9803	30		21	12	18	81	6	02	2	0	0	9	4					12	48	796		34	28
12	02	9783	25		14	13	34	81	5	02	2	0	0	9	4	0									
	05	9766	24		13	12	32	81	5	02	2	2	8	5	3	0									
	08	9755	27		16	12	36	81	1	02	1	1	5	7	0	0									
	11	9744	30		20	12	38	81	2	02	1	1	5	7	3	0									
	14	9735	32		22	11	42	81	6	03	1	1	8	5	7	0									
	17	9740	27		19	12	42	81	7	38	3	6	6	5	7										
	20	9739	25		17	12	38	81	6	38	3	2	6	6	7										
	23	9730	24		17	13	44	81	7	36	3	0	0	9	7					12	65	473		32	23
13	02	9727	24		12	13	39	81	3	01	2	0	0	9	3	0									
	05	9727	21		11	13	26	81	3	02	1	0	0	9	3	8									
	08	9707	29		17	13	34	81	4	02	1	0	0	9	3	0									
	11	9707	31		20	13	37	81	2	01	1	0	0	9	3	0									
	14	9703	32		21	13	38	81	5	03	1	0	0	9	3	0									
	17	9697	32		21	12	39	81	4	02	1	0	0	9	7	0									
	20	9703	30		19	12	37	81	7	03	2	0	0	9	7										
	23	9706	27		15	12	38	81	3	01	1	0	0	9	7	0				12	60	840		32	21
14	02	9710	28		14	13	38	81	7	03	1	0	0	9	7										
	05	9702	30		13	13	43	81	5	02	2	0	0	9	7	0									
	08	9696	31		15	13	41	81	8	03	2	0	0	9	7										
	11	9702	32		18	13	44	81	8	02	2	8	5	6											
	14	9720	32		21	13	38	81	8	02	2	8	5	6											
	17	9731	32		20	13	37	81	8	02	2	4	7	5											
	20	9733	31		19	12	30	81	8	02	2	2	7	5						13	61	825		32	27
	23	9740	31		16	13	29	81	8	02	2	2	7	5						13	51	825		32	27
15	02	9739	29		14	13	28	81	8	02	2	2	7	5											
	05	9736	28		12	13	26	81	7	01	2	2	7	5											
	08	9730	29		14	13	27	81	8	03	2	2	8	5											
	11	9726	30		16	13	26	81	8	02	2	2	8	5											
	14	9729	33		19	13	26	81	8	02	2	2	8	5											
	17	9729	34		19	11	20	81	7	02	2	3	8	5											
	20	9735	30		20	12	37	81	8	02	2	3	8	5	2	2									
	23	9740	27		19	12	31	81	8	02	2	8	5	6						12	41	689		34	27
16	02	9741	28		13	12	31	81	8	02	2	8	5	6											
	05	9733	28		14	12	22	81	7	02	2	7	5	7											
	08	9718	30		14	13	32	81	3	01	2	2	5	7	3	0									
	11	9704	35		17	10	20	81	2	01	1	0	5	9	3	0									
	14	9690	37		16	09	17	81	4	03	1	2	5	6	3	0									
	17	9680	36		17	00	00	81	3	02	1	2	5	6	3	0									
	20	9669	32		17	11	16	81	2	01	1	1	5	6	3	0									
	23	9660	26		11	12	20	81	2	02	1	1	5	6	3	0				13	39	548		38	24
17	02	9658	21		06	13	31	81	2	02	1	0	0	9	4	0									
	05	9656	19		04	13	30	81	2	02	1	0	0	9	2	0									
	08	9662	23		07	13	26	81	1	02	1	0	1	6	3	0									
	11	9673	30		12	12	13	81	7	03	1	1	2	6	3	0									
	14	9685	33		16	00	00	81	1	01	1	1	0	9	3	0									
	17	9699	34		17	00	00	81	1	01	1	1	0	9	3	0									
	20	9708	32		16	00	00	81	1	02	1	0	0	9	3	0									
	23	9720	27		13	13	14	81	1	02	0	0	0	9	3	0				13	39	428		34	19
18	02	9731	24		09	13	28	81	2	02	1	0	0	9	3	0									
	05	9748	23		06	13	30	81	3	03	1	1	0	9	3	1									
	08	9764	26		09	13	27	81	1	01	1	1	0	9	3	0									
	11	9784	31		14	11	22	81	0	01	0	0	0	9	3	0									
	14	9809	35		17	07	11	81	0	00	0	0	0	9	3	0									
	17	9830	35		19	07	03	81	1	00	0	0	1	6	0	0									
	20	9848	32		19	00	00	81	1	00	0	1	1	6	0	0									
	23	9868	27		12	12	24	81	1	00	0	1	1	6	0	0				13	38	333		36	23

Results of Surface Observations,
MAWSON — Dec., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		iiib × 10⁻¹	°F	°F	°F	°× 10	kt	VV	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	9891	26		12	12	18	81	7	03	1	7	8	7											
	05	9904	29		16	12	20	81	8	02	2	0	0	9	7										
	08	9906	32		17	13	23	81	6	01	2	0	0	9	7										
	11	9907	34		19	12	23	81	8	03	2	2	5	6	7										
	14	9906	36		22	13	18	81	8	15	7	8	5	6											
	17	9898	38		21	12	20	81	6	02	2	0	0	9	7	0									
	20	9880	35		19	12	17	81	5	01	2	0	0	9	7										
	23	9860	34		16	14	23	81	6	03	1	0	0	9	7	6				12	34	390		39	25
20	02	9836	27		11	15	26	81	5	02	2	0	0	9	7	8									
	05	9812	28		10	15	29	81	5	02	2	0	0	9	7	8									
	08	9781	32		12	12	30	81	3	02	1	0	0	9	7	6									
	11	9768	38		19	12	20	81	1	02	0	0	0	9	7	5									
	14	9749	41		22	11	23	81	1	00	0	0	0	9	0	5									
	17	9740	39		21	12	26	81	5	03	1	0	0	9	0	5									
	20	9740	33		23	13	25	48	8	70	7	3	7	9	2	7									
	23	9734	32		22	12	26	81	8	02	7	3	7	4	2					12	44	505		41	27
21	02	9729	31		21	12	31	81	8	02	7	4	7	4	2										
	05	9738	30		22	12	28	81	8	70	7	3	7	4	2										
	08	9748	32		23	11	31	81	8	02	7	5	7	4	2										
	11	9754	35		25	11	30	81	8	02	2	3	7	4	2										
	14	9782	35		31	03	07	64	8	71	7	6	7	4	2										
	17	9795	37		30	00	00	81	8	02	7	2	7	4	2										
	20	9808	33		30	00	00	81	8	02	2	3	7	4	2										
	23	9826	34		25	08	11	81	8	02	2	1	5	6	2					12	45	661		37	29
22	02	9843	32		20	11	22	81	8	02	2	0	0	9	2										
	05	9847	31		19	11	21	81	8	02	2	0	0	9	2										
	08	9861	31		21	09	17	81	8	02	2	2	5	6	2										
	11	9865	34		21	10	24	81	8	02	2	4	5	6	2										
	14	9883	35		23	10	21	81	8	02	2	4	6	4	2										
	17	9891	34		25	09	19	81	8	02	2	2	6	4	2										
	20	9897	33		24	09	17	81	8	02	2	2	6	4	2										
	23	9906	31		21	09	19	81	7	02	2	2	6	4	2					12	38	357		35	31
23	02	9913	30		19	12	26	81	7	02	2	2	6	4	2										
	05	9913	29		17	12	22	81	7	02	2	3	5	6	7										
	08	9914	29		17	12	23	81	7	02	2	3	5	6	7										
	11	9910	34		20	11	24	81	5	01	2	2	5	6	7	0									
	14	9907	36		19	09	18	81	3	01	1	1	8	6	7	5									
	17	9905	35		12	07	06	81	3	01	1	1	4	6	7	5									
	20	9901	34		20	08	09	81	3	03	1	1	4	6	7	5									
	23	9902	29		18	12	15	81	3	01	0	1	4	6	3	8				12	36	515		36	28
24	02	9898	26		13	13	22	81	1	01	0	0	0	9	3	0									
	05	9894	26		10	13	22	81	1	01	0	0	0	9	3	0									
	08	9885	28		11	13	20	81	1	02	0	0	0	9	3	0									
	11	9886	35		16	09	12	81	1	02	0	0	1	5	0	0									
	14	9887	34		20	04	04	81	1	02	0	0	1	5	0	0									
	17	9892	36		21	00	00	81	1	02	0	0	1	5	0	0									
	20	9898	32		22	00	00	81	1	02	0	0	1	5	0	0									
	23	9903	31		17	13	12	81	1	02	0	0	1	5	0	0				12	32	422		36	25
25	02	9906	26		10	13	28	81	0	01	0	0	0	9	0	0									
	05	9908	28		08	13	25	81	0	02	0	0	0	9	0	0									
	08	9912	29		08	13	26	81	0	02	0	0	0	9	0	0									
	11	9913	35		17	12	20	81	0	02	0	0	0	9	0	0									
	14	9922	37		20	04	05	81	0	02	0	0	0	9	0	0									
	17	9930	35		20	00	00	81	1	02	0	0	0	9	3	0									
	20	9932	36		23	00	00	81	1	02	0	1	0	9	3	0									
	23	9942	33		20	11	12	81	6	03	1	0	0	9	7	0				13	39	327		38	25
26	02	9950	31		20	13	15	81	7	03	2	0	0	9	7	0									
	05	9954	30		18	13	20	81	8	03	2	0	0	9	7										
	08	9950	32		17	13	18	81	8	02	2	0	0	9	7										
	11	9954	36		20	12	12	81	8	02	2	0	0	9	7										
	14	9952	37		23	04	05	81	8	02	2	0	0	9	7										
	17	9942	38		24	07	11	81	5	01	1	0	0	9	7	0			5						
	20	9932	36		25	09	08	81	4	03	0	0	0	9	7	6									
	23	9923	30		18	12	21	81	4	02	1	0	0	9	4	6				13	37	328		39	30
27	02	9907	25		14	12	31	81	3	02	1	0	0	9	4	5									
	05	9895	26		13	11	31	81	1	01	1	0	0	9	3	8									
	08	9880	32		19	11	31	81	1	02	1	0	0	9	3	0									
	11	9873	36		22	09	19	81	1	02	1	0	0	9	3	8									
	14	9852	37		23	09	21	81	3	02	1	0	1	9	3	5									
	17	9845	35		26	07	22	81	4	03	1	1	1	6	3	5									
	20	9829	33		24	09	23	81	1	01	1	1	1	4	3	0									
	23	9825	29		21	09	15	81	1	01	1	0	0	6	3	0				13	44	477		37	25

Results of Surface Observations,
MAWSON — Dec., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww		Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St. miles	Points	°F	°F
28	02	9815	27		18	11	22	81	4	03	1	1	4	6	3	0									
	05	9806	29		17	11	31	81	7	03	1	3	5	6	7										
	08	9792	29		19	12	38	81	8	02	2	5	5	6	7										
	11	9789	29		22	12	39	40	8	15	2	8	7	3											
	14	9790	32		25	12	43	24	8	36	3	8	7	2											
	17	9791	31		25	11	45	16	8	38	3	8	7	2											
	20	9791	29		26	12	44	16	8	38	3	8	7	1											
	23	9799	29		27	12	42	08		38	3									12	56	682		32	28
29	02	9801	27		26	12	42	02		39	3														
	05	9800	26		25	12	45	00		39	3														
	08	9801	26		25	12	51	00		39	3														
	11	9805	28		27	11	47	00		39	3														
	14	9817	31		30	12	44	16	8	36	3	8	7	4											
	17	9813	32		26	11	38	81	8	02	3	8	7	4	1										
	20	9808	31		29	13	35	80	8	02	2	2	7	4	7										
	23	9802	29		22	13	35	80	8	02	2	2	7	5	7					12	63	1050		32	26
30	02	9794	29		19	13	38	80	8	02	2	2	7	5	7										
	05	9784	29		17	13	45	80	8	02	2	3	7	6	7										
	08	9784	30		18	13	44	81	7	02	2	1	5	5	7										
	11	9784	31		22	13	44	81	8	02	2	1	5	5	4										
	14	9797	34		26	12	41	81	8	02	2	0	0	9	4										
	17	9806	34		23	12	32	81	8	01	2	2	5	6	4										
	20	9824	33		21	12	28	81	8	15	2	2	5	6	7										
	23	9835	31		18	13	28	81	7	02	2	0	0	9	7					13	64	1010		34	27
31	02	9845	29		14	13	35	81	5	01	1	0	0	9	3	2									
	05	9845	31		14	13	30	81	2	01	1	0	0	9	3	1									
	08	9848	31		16	13	28	81	3	03	1	0	0	9	7	5									
	11	9847	37		22	13	18	81	7	03	2	0	0	9	7	6									
	14	9845	41		24	09	12	81	8	02	2	0	0	9	0	6									
	17	9847	41		24	09	11	81	8	02	2	0	0	9	4	4									
	20	9850	37		23	00	00	81	8	02	2	0	0	9	4	4									
	23	9850	30		18	12	17	81	8	02	2	0	0	9	4	4				13	47	815		41	28

Results of Surface Observations,
WILKES – JAN., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	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	9836	30	25	13	10	10	74	6	01	2	0	0	0	0	6									
	03	9821	34	27	14	02	06	74	7	02	2	0	1	0	0	1									
	06	9828	32	28	19	03	08	74	7	02	2	1	1	0	0	1									
	09	9831	33	29	20	31	02	74	7	02	2	1	1	0	2	5									
	12	9813	32	28	18	00	00	74	1	01	1	0	0	0	3	5									
	15	9797	27	24	15	19	05	74	3	02	0	0	0	0	0	0									
	18	9783	22	21	16	07	05	74	1	01	0	0	0	0	2	0									
	21	9775	24	22	14	01	05	74	2	02	0	0	0	0	0	8				11	16		0000	34	19
02	00	9767	27	24	15	04	05	74	0	01	0	0	0	0	0	0									
	03	9761	29	26	19	02	11	74	4	03	0	0	0	0	0	6									
	06	9764	30	27	20	01	16	74	4	02	0	0	1	0	0	9									
	09	9762	30	27	21	03	15	74	7	03	1	0	1	0	7	7									
	12	9775	31	26	15	07	12	74	8	03	2	1	0	0	0	8									
	15	9781	30	25	17	04	10	74	8	02	2	0	0	0	7	8									
	18	9790	27	25	20	11	20	48	8	71	7	8	6	4	2										
	21	9788	29	28	24	10	20	58	8	71	7	8	6	5						09	32		0000	32	26
03	00	9788	31	28	22	09	18	56	8	73	7	8	6	4											
	03	9788	32	29	25	09	24	61	8	02	7	8	6	4											
	06	9786	32	30	25	09	25	61	8	15	2	8	6	4											
	09	9788	34	30	24	08	21	61	8	15	2	8	5	4											
	12	9795	32	28	21	11	20	48	8	16	2	5	6	4											
	15	9794	32	28	18	12	21	48	8	16	2	3	7	4											
	18	9801	33	29	21	18	07	58	8	15	2	3	7	4	2										
	21	9803	31	28	22	12	18	32	8	86	8	4	7	4	2					09	35		0003	34	29
04	00	9817	33	29	21	02	03	69	8	02	4	7	4	2											
	03	9823	32	30	25	18	06	69	8	71	7	5	6	2											
	06	9825	34	32	29	00	00	66	8	71	7	5	6	2											
	09	9820	33	32	30	27	01	66	7	01	6	5	6	3											
	12	9808	36	31	22	14	07	74	8	01	2	5	6	4	8										
	15	9797	35	30	22	27	07	58	8	85	5	7	4	2											
	18	9769	33	30	24	10	25	66	7	35	5	7	4	2											
	21	9759	32	28	20	10	28	74	6	35	2	6	4	2						10	36		0000	41	31
05	00	9753	34	29	18	11	25	74	7	03	5	7	4												
	03	9750	37	31	19	24	16	74	6	01	3	5	6	2											
	06	9739	36	31	20	22	05	74	7	15	3	5	6	2											
	09	9740	36	32	25	15	11	66	8	02	5	5	6	2											
	12	9733	36	31	24	27	02	66	8	15	5	7	5	2											
	15	9713	35	31	24	36	02	74	8	02	4	7	5	2	8										
	18	9706	34	30	21	19	10	74	8	02	3	5	6	2	8										
	21	9708	35	30	21	26	08	74	8	02	6	5	6	2						03	34		0000	38	32
06	00	9707	33	30	25	20	10	66	8	15	5	5	5	2											
	03	9707	37	32	21	22	04	66	8	15	5	6	5	2											
	06	9710	38	33	25	25	04	56	8	71	6	6	4	2											
	09	9713	35	32	28	30	03	74	7	02	7	5	6	4											
	12	9724	34	31	26	00	00	74	8	02	7	5	6	2											
	15	9724	32	30	27	19	07	74	8	02	6	5	5	2											
	18	9728	33	30	24	06	06	74	8	02	5	5	6	2											
	21	9741	32	30	26	16	03	74	8	02	6	5	6	2						18	21		0001	38	30
07	00	9753	32	32	31	17	10	58	8	22	7	8	5	7											
	03	9762	36	33	28	04	12	62	8	15	2	2	5	7	2										
	06	9770	36	32	25	08	15	62	8	15	2	2	6	4	2										
	09	9769	36	32	25	08	25	62	7	02	2	2	5	7	5										
	12	9772	35	31	24	07	25	62	8	15	2	2	5	7	2										
	15	9786	35	31	24	06	22	74	8	02	2	2	5	6	2										
	18	9805	33	30	24	09	09	74	8	02	2	2	5	6	2										
	21	9802	33	29	22	07	10	74	7	15	7	4	5	6	2	8				09	41		0000	37	30
08	00	9803	31	31	30	25	02	74	8	03	2	1	5	6	2										
	03	9802	32	31	29	22	02	66	8	71	7	5	6	4	2										
	06	9802	30	30	30	16	06	08	8	73	7	8	6	4											
	09	9801	30	30	30	21	04	48	8	71	7	7	5	5	2										
	12	9801	31	30	28	00	00	59	8	71	7	7	5	5	2										
	15	9801	29	29	27	00	00	74	8	02	7	6	5	6	2										
	18	9801	29	28	25	00	00	66	8	71	7	7	5	6	2										
	21	9800	29	28	27	18	04	66	7	71	7	6	5	6	2	8				16	10		0006	33	26
09	00	9791	32	30	28	18	05	74	2	01	7	0	0	0	3										
	03	9785	34	31	26	21	04	74	2	01	1	0	0	0	3	5									
	06	9767	35	31	25	18	04	74	8	03	1	1	0	0	5	7									
	09	9754	37	33	26	18	02	74	8	03	2	1	1	0	5	7									
	12	9736	35	33	30	04	04	74	8	03	2	2	1	0	5										
	15	9729	37	33	26	00	00	66	8	03	2	2	0	0	6										
	18	9730	33	32	32	18	08	08		23	2	1	5	2	2	7									
	21	9730	33	32	31	25	04	56	8	40	7	0	0	0	2					17	07		0008	41	30

Results of Surface Observations,
WILKES – JAN., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	00	9733	36	35	33	00	00	66	8	01	7	8	6	6											
	03	9739	36	34	32	34	01	66	8	71	7	0	0	4	1										
	06	9744	36	34	31	23	03	66	8	03	7	1	7	5	2										
	09	9750	36	34	31	22	03	66	8	02	2	2	5	6	2										
	12	9761	34	32	29	18	03	74	8	01	2	0	0	5	5	8									
	15	9763	34	32	28	01	02	74	7	03	2	6	5	5	0	1									
	18	9773	32	31	30	31	03	74	7	02	2	5	5	6	0	8									
	21	9781	33	32	31	21	04	74	7	02	2	7	5	6						32	06			38	31
11	00	9789	34	32	29	18	03	74	8	01	2	5	5	7	0	2									
	03	9792	36	33	29	34	03	74	8	02	2	5	5	7	3	2									
	06	9799	36	33	28	03	06	74	8	02	2	2	5	7	2										
	09	9803	34	31	26	03	06	74	8	02	2	1	5	5	3	8									
	12	9808	33	31	29	36	04	74	8	03	2	5	5	6	3	8									
	15	9808	31	30	28	01	04	74	7	02	2	6	5	6	0	8									
	18	9814	32	29	25	05	06	74	7	02	2	7	5	5											
	21	9822	31	29	25	03	08	58	8	71	2	4	5	5	2	8				03	13			38	30
12	00	9823	31	29	25	03	09	66	8	15	7	5	5	6	2										
	03	9826	32	29	25	03	10	59	8	71	7	6	6	6	3										
	06	9830	33	30	26	03	10	74	8	01	7	2	5	7	3	8									
	09	9830	32	30	27	02	10	66	8	03	2	1	5	6	2										
	12	9830	31	31	30	02	06	58	8	71	7	8	6	4											
	15	9830	31	30	28	03	08	66	8	02	7	7	6	4											
	18	9830	30	30	30	02	09	24	8	71	7	8	6	3											
	21	9831	30	29	28	33	01	61	8	02	7	8	6	5						03	16			34	29
13	00	9832	30	28	25	33	04	62	8	02	2	8	5	5											
	03	9832	31	28	23	01	04	66	8	02	2	8	5	5											
	06	9833	32	30	25	35	04	66	8	02	2	8	5	5											
	09	9833	31	29	26	36	06	66	8	02	2	8	5	5											
	12	9833	31	29	27	01	05	66	8	02	2	7	6	5											
	15	9838	31	29	27	35	06	32	8	85	2	7	6	4											
	18	9841	31	30	28	36	04	32	8	71	7	6	7	3											
	21	9845	30	30	29	02	05	24	8	71	7	8	7	3						02	10			32	29
14	00	9843	31	30	30	02	07	24	8	71	7	8	6	2											
	03	9843	31	31	31	34	06	56	8	71	7	8	6	2											
	06	9844	33	32	31	36	04	66	7	01	7	3	6	2	5	5									
	09	9846	31	28	21	32	09	66	8	01	2	2	6	5	3										
	12	9841	31	29	27	35	09	59	8	85	7	8	6	4											
	15	9838	31			34	09	66	7	71	7	7	5	5											
	18	9824	31			33	10	66	8	22	7	8	5	5											
	21	9816	31	30	28	33	08	74	7	02	2	7	5	5						01	15		0003	33	29
15	00	9810	30	29	26	31	07	74	8	02	2	8	5	5											
	03	9809	34	30	25	29	05	74	6	01	2	6	2	5											
	06	9807	34	32	28	31	03	74	4	01	1	4	1	5	0	0									
	09	9810	33	30	25	31	04	74	1	01	1	1	1	5											
	12	9814	34	29	21	00	00	74	1	02	0	1	2	5											
	15	9808	24	23	19	09	06	74	2	03	0	0	0	0	2	6									
	18	9793	27	24	17	05	03	74	7	03	1	0	0	0	2	9									
	21	9876	27	24	16	06	15	74	8	03	2	0	0	0	2	1				08	17			36	21
16	00	9760	30	27	21	36	05	74	8	03	2	8	6	6											
	03	9748	31	27	19	08	15	74	8	02	2	8	6	7											
	06	9739	34	28	16	23	08	74	8	03	2	6	5	5	2										
	09	9746	35	30	23	28	06	74	5	01	2	1	0	5	3	9									
	12	9756	35	32	27	24	03	74	2	01	1	0	0	5	5										
	15	9761	30	28	23	33	05	74	1	02	0	1	0	5	0	1									
	18	9773	25	24	20	05	05	74	7	02	1	0	1	0	0	7									
	21	9790	25	24	19	05	09	74	7	02	2	1	1	5	0					07	27		0000	37	24
17	00	9803	28	24	16	05	10	74	8	02	2	0	0	0	0	8									
	03	9807	31	28	22	03	11	74	1	01	1	0	0	0	0	5									
	06	9815	32	29	24	02	10	74	0	02	0	0	0	0	0	0									
	09	9815	31	29	24	03	14	74	0	02	0	0	0	0	0	1									
	12	9817	31	28	23	05	15	74	7	03	0	1	5	5	0										
	15	9812	29	26	20	07	17	74	8	02	2	2	7	6	2										
	18	9807	29	26	20	07	17	74	8	02	2	2	8	6											
	21	9801	29	26	18	07	16	66	8	02	2	2	6	5	2					07	20		0000	33	27
18	00	9805	29	26	20	09	18	66	8	03	2	8	6	5	5										
	03	9802	30	26	18	08	12	66	8	02	2	5	5	6	1										
	06	9795	32	28	19	07	10	74	8	15	2	5	5	6	2										
	09	9789	32	28	19	09	16	74	8	15	2	7	5	6	2										
	12	9782	29	25	16	09	21	66	8	15	2	7	5	5	2										
	15	9777	25	22	14	11	18	66	8	02	2	6	5	5	2										
	18	9767	26	23	12	11	21	74	7	02	2	6	5	5	2										
	21	9767	28	22	10	11	10	74	8	02	2	7	5	5	2					10	29		0000	33	24

Results of Surface Observations,
WILKES – JAN., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	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	9769	31	26	14	24	02	74	7	02	2	7	5	7	3										
	03	9771	31	27	18	20	02	74	8	02	2	6	5	7	2										
	06	9772	32	28	23	32	03	74	8	01	2	3	5	7	3										
	09	9785	32	29	24	32	05	74	7	01	2	0	0	0	7										
	12	9797	30	28	24	01	08	74	7	02	2	0	0	0	5										
	15	9808	29	27	23	36	08	74	7	02	2	6	5	6	2										
	18	9828	29	27	23	33	05	58	8	71	2	8	5	5											
	21	9847	28	27	25	00	00	48	8	71	7	8	5	5						03	12		0001	33	26
20	00	9856	29	25	17	07	09	66	8	01	7	8	6	6	2										
	03	9865	34	29	21	28	01	74	8	01	2	0	0	0	2										
	06	9878	31	27	18	15	08	74	7	03	2	2	1	5	3	8									
	09	9883	31	29	24	16	08	74	8	03	2	6	5	5	2	0									
	12	9891	29	27	24	04	08	66	8	77	2	5	5	6	3										
	15	9899	29	28	27	00	00	74	8	02	2	6	5	6	2										
	18	9899	27	24	15	10	03	74	8	02	2	6	5	6	2										
	21	9900	27	23	12	11	10	74	3	01	1	2	5	6	7	0				16	11		0000	34	24
21	00	9899	30			01	07	74	7	03	1	1	1	5	5	9									
	03	9894	32	29	24	31	03	74	5	01	2	1	1	5	3	9									
	06	9887	33	30	24	27	04	74	6	02	2	1	1	5	3	9									
	09	9880	34	31	25	25	02	74	2	01	1	1	1	5	3	0									
	12	9874	29	26	21	11	07	74	3	03	0	1	1	5	3	0									
	15	9858	27	24	14	05	09	74	6	03	1	0	1	5	3	0									
	18	9849	26	22	12	07	10	74	7	02	2	1	2	5	3	8									
	21	9845	27	25	19	23	03	74	7	02	2	2	2	5	3					08	14		0001	36	24
22	00	9844	28	26	21	18	07	56	8	71	7	8	5	5	2										
	03	9825	28	25	20	10	27	56	8	38	7	7	5	5	2										
	06	9816	31	27	19	09	30	62	7	01	7	7	5	6	5										
	09	9818	31	29	24	10	28	74	8	01	2	3	5	5	3										
	12	9834	31	27	19	09	22	74	7	03	2	5	5	6	0										
	15	9834	32	29	22	09	28	74	8	18	2	5	5	6	2	1									
	18	9827	32	28	20	09	26	74	8	02	2	5	5	6	0	8									
	21	9827	32	28	19	10	24	74	8	02	2	3	7	4	2					10	60		0000	35	24
23	00	9810	33	30	24	09	42	62	8	36	3	3	6	4	2										
	03	9796	32	29	23	10	48	59	8	36	3	3	7	4	2										
	06	9827	33			10	42	56	8	38	3	5	5	6	2										
	09	9856	32	29	24	10	35	59	8	36	3	4	5	5	2										
	12	9848	32	29	22	10	42	58	8	36	3	2	5	6	7	8									
	15	9837	31	28	20	12	32	66	8	02	3	5	5	6	2										
	18	9821	34	30	24	10	05	59	8	77	3	6	5	6	2										
	21	9748	29	28	27	09	39	00	7	39	3	7	5	5						10	76		0000	36	28
24	00	9767	34	30	23	09	38	74		01	3														
	03	9803	35	32	26	09	39	69		02	2														
	06	9828	34	31	27	09	36	66		80	7														
	09	9836	35			09	32	61		02	6														
	12	9855	34	30	22	09	30	66		02	2														
	15	9863	34	30	22	10	36	66		02	2														
	18	9860	34	30	21	10	34	66		02	2														
	21	9902	35			16	17	74		01	2														
25	00	9904	35	30	21	13	20	74	8	02	2	5	6	2						09	62		0010	37	30
	03	9908	37	31	20	25	03	74	8	03	2	5	6	2											
	06	9906	37	31	20	22	12	62	8	15	2	5	6	2											
	09	9902	37	32	24	13	05	62	7	15	2	5	5	2											
	12	9904	35	32	27	27	04	66	8	15	2	5	5	2											
	15	9897	33	32	29	00	00	74	8	02	2	5	5	2											
	18	9889	32	30	28	35	03	74	8	02	2	5	5	2											
	21	9885	34	32	28	09	02	74	4	01	1	5	5	3	8	0				31	35		0000	40	32
26	00	9884	35	32	27	22	03	74	1	01	1	0	0	3	0										
	03	9878	36	33	30	00	00	74	1	02	0	0	0	2	0										
	06	9875	37	33	27	33	02	74	1	02	0	0	0	3	0										
	09	9872	36	33	27	01	02	74	1	02	0	0	0	0	0										
	12	9879	34	32	28	04	06	74	1	01	0	0	0	0	0										
	15	9877	31	29	25	04	05	74	1	02	0	0	0	0	0										
	18	9880	28	26	21	06	03	74	0	02	0	0	0	0	0										
	21	9885	28	26	19	08	04	74	0	02	0	0	0	0	0					01	10		0000	41	26
27	00	9893	33	28	16	05	05	74	0	02	0	0	0	0	0										
	03	9895	36	31	22	22	03	74	1	03	0	0	0	3	0										
	06	9900	35	30	20	36	05	74	5	03	0	0	0	7	0										
	09	9902	38	31	19	32	02	74	7	02	1	0	0	3	0										
	12	9902	34	29	17	09	02	74	7	02	2	0	0	7	0										
	15	9902	30	27	21	00	00	74	8	02	2	0	0	7	0										
	18	9896	30	29	28	18	08	74	8	03	2	5	6	2	2										
	21	9890	32	28	18	18	05	66	8	01	7	5	5	2	2					09	30		0000	39	26

Results of Surface Observations,
WILKES – JAN., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	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	9879	31	28	23	09	20	74	8	02	2	3	5	6	2										
	03	9882	32	28	20	10	14	74	8	02	2	3	5	5	2										
	06	9889	33	28	14	16	14	74	8	02	2	5	5	6	2										
	09	9888	36	29	16	03	06	66	7	02	2	6	5	5	2										
	12	9884	33	29	22	00	00	74	8	01	2	4	5	6	2										
	15	9882	30	27	21	04	04	74	4	01	1	1	5	6	3	1									
	18	9880	25	23	18	09	04	74	3	02	0	1	5	5	3	0									
	21	9880	24	21	13	09	05	74	5	03	1	0	0	0	3	8				09	30		0000	37	23
29	00	9876	30	28	22	03	03	74	6	02	2	0	0	0	0	1									
	03	9871	32	29	21	34	03	74	2	01	1	0	0	0	0	8									
	06	9863	32	29	23	34	03	74	2	02	1	0	0	0	0	8									
	09	9847	33	29	21	24	02	74	2	02	0	0	0	0	0	8									
	12	9840	31	28	21	25	04	74	5	02	2	0	0	0	0	1									
	15	9826	27	25	20	13	03	74	8	02	2	0	0	0	0	7									
	18	9808	24	24	22	11	02	74	2	01	1	0	0	0	0	1									
	21	9800	23	22	17	09	04	74	1	01	0	1	5	5	0	0				09	08		0000	34	20
30	00	9786	29	28	25	03	02	74	4	03	1	4	5	5	0	0									
	03	9782	31	28	22	02	04	74	0	01	0	0	0	0	0	0									
	06	9780	32	27	16	35	04	74	1	02	0	1	5	6	0	0									
	09	9781	31	27	19	02	08	74	1	02	0	1	1	5	0	0									
	12	9788	30	29	16	04	09	74	1	02	0	1	1	5	0	0									
	15	9796	25	22	14	08	07	74	1	02	0	1	1	5	0	0									
	18	9806	22	21	16	08	11	74	1	02	0	1	5	5	0	0									
	21	9822	21	19	13	08	13	74	1	02	0	1	5	5	0	0				09	18		0000	33	21
31	00	9829	26	20	10	08	06	74	7	03	0	7	4	5	5										
	03	9833	31	28	20	03	06	74	8	03	2	8	4	5	5										
	06	9839	31	29	24	05	13	74	8	02	2	7	5	6	2										
	09	9839	33	28	19	06	09	74	8	02	2	6	5	6	2										
	12	9840	30	28	24	00	00	74	8	02	2	5	5	6	2										
	15	9827	30	28	24	06	07	59	8	77	7	8	5	5											
	18	9812	31	28	23	07	12	64	8	15	7	8	5	6											
	21	9807	31	29	25	20	13	64	8	15	2	8	5	6						04	26		0002	33	26

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
01	01																								
	04																								
	07	9796	31	28	24	20	04	82	8	02	2	8	5	6	0	0									
	10	9781	36	32	25	18	02	82	6	02	2	6	5	6	0	0									
	13	9773	35	32	28	15	06	82	6	01	2	5	5	6	3	0									
	16	9771	37	32	24	14	04	82	2	01	1	0	0	9	0	0									
	19	9769	36	32	26	00	00	82	0	01	0	0	0	9	0	0									
	22	9766	28	25	17	10	09	82	1	02	0	1	5	5	0	0				09	20		0002	38	26
02	01	9757	27	26	24	21	05	82	0	02	0	0	0	9	0	0									
	04	9750	27	26	24	34	02	82	1	02	0	0	0	9	0	5									
	07	9752	30	28	23	36	05	82	1	03	0	0	0	9	0	5									
	10	9760	35	31	24	01	06	82	1	02	0	0	0	9	0	5									
	13	9773	35	32	27	33	02	82	1	02	0	0	0	9	0	5									
	16	9778	36	32	25	18	08	82	1	02	0	0	0	9	0	5									
	19	9784	36	32	27	02	02	82	2	03	0	0	0	9	0	5									
	22	9794	39	35	27	04	07	82	8	03	1	5	5	7	2	8				09	25		0000	40	25
03	01	9794	36	33	27	09	26	82	8	03	2	8	5	6	0	0									
	04	9807	36	32	26	09	25	82	7	01	2	7	5	7	4	0									
	07	9851	38	32	23	18	08	82	7	02	2	4	5	6	4	0									
	10	9855	38	34	26	12	06	82	7	02	2	1	5	6	4	0									
	13	9849	40	35	27	21	03	82	2	01	1	1	5	6	4	0									
	16	9841	42	34	21	00	00	82	1	01	0	0	1	5	0	0									
	19	9847	38	32	22	14	02	82	1	02	0	0	8	6	0	1									
	22	9842	33	29	21	27	02	82	1	02	0	0	0	9	0	1				08	40		0000	43	30
04	01	9832	31	27	17	31	08	82	0	01	0	0	0	9	0	0									
	04	9827	31	27	13	00	00	82	0	02	0	0	0	9	0	0									
	07	9822	34	28	16	06	07	82	0	02	0	0	0	9	0	0									
	10	9811	35	31	24	30	03	82	2	03	0	0	0	9	0	6									
	13	9799	37	31	21	00	00	82	0	01	0	0	0	9	0	0									
	16	9790	35	30	21	00	00	82	0	02	0	0	0	9	0	0									
	19	9792	33	30	24	22	02	82	0	02	0	0	0	9	0	0									
	22	9799	31	28	24	02	03	82	7	03	1	7	5	9	6	3				09	11		0000	38	28
05	01	9812	30	27	19	00	00	82	7	02	2	7	5	6	0		0								
	04	9831	31	28	22	19	06	82	8	02	2	8	5	6	2										
	07	9838	33	29	22	00	00	82	8	02	2	6	5	6	2										
	10	9849	35	32	28	04	06	81	8	01	2	5	5	7	2										
	13	9857	35	31	23	20	10	82	8	02	2	4	5	6	2										
	16	9859	34	31	26	10	10	82	8	02	2	6	5	6	2										
	19	9876	35	30	20	12	10	82	8	02	2	5	5	6	2										
	22	9874	32	29	23	10	20	82	8	02	2	3	5	5	7					09	30		0000	37	29
06	01	9877	32	29	23	09	14	82	8	02	2	5	5	6	2										
	04	9884	32	29	23	13	12	82	8	02	2	5	5	6	2										
	07	9888	33	30	24	13	09	82	8	02	2	7	5	7	2										
	10	9882	34	31	26	17	07	82	8	01	2	5	5	7	2										
	13	9868	37	31	21	11	22	82	8	02	2	5	5	7	2										
	16	9861	37	32	23	18	02	82	7	15	2	5	5	7	2										
	19	9854	34	32	29	18	03	82	8	02	2	5	5	7	2										
	22	9847	32	29	23	11	12	82	8	02	2	5	5	7	2					09	28		0000	38	30
07	01	9837	29	26	17	20	06	82	3	01	1	0	5	0	0		8								
	04	9828	28	25	17	07	03	82	7	03	1	0	0	9	7		8								
	07	9831	33	29	20	07	08	82	8	03	2	0	0	9	7		6								
	10	9839	34	29	20	18	07	82	8	03	2	0	0	9	7		8								
	13	9832	32	31	29	17	06	82	8	02	2	0	0	9	7		2								
	16	9830	36	31	22	36	02	82	8	02	2	7	5	7	2										
	19	9828	34	31	25	00	00	82	8	02	2	5	5	6	2										
	22	9824	33	32	30	16	10	82	8	02	2	5	5	6	2					16	16		0000	37	26
08	01	9824	35	33	30	17	06	82	8	02	2	6	5	0	2		8								
	04	9830	34	33	31	16	10	82	8	02	2	6	5	0	2		8								
	07	9825	36	34	30	18	05	82	8	02	2	7	5	0	2		8								
	10	9822	37	35	31	20	08	82	7	02	2	5	5	0	2		8								
	13	9813	39	34	26	05	08	82	7	02	2	5	5	0	2		8								
	16	9815	36	33	29	30	03	82	7	03	2	1	5	0	3		8								
	19	9830	34	32	28	18	05	82	8	03	2	6	5	0	2		8								
	22	9836	34	32	29	20	02	82	8	02	2	5	5	0	2		8			16	15		0000	40	32
09	01	9853	34	30	23	00	00	82	8	02	2	5	5	6	2		8								
	04	9850	31	29	25	21	04	82	8	02	2	5	5	6	3		7								
	07	9844	33	31	27	18	06	82	7	02	2	5	5	6	2		6								
	10	9853	38	32	21	15	09	82	6	02	2	3	5	6	6		1								
	13	9857	36	31	24	15	10	81	6	02	2	3	5	6	7		8								
	16	9855	36	33	28	20	06	82	6	02	2	2	5	6	4		5								
	19	9843	34	32	29	04	08	82	3	01	2	0	5	6	0		0								
	22	9839	31	29	25	04	04	81	0	01	1	0	0	6	0		0			16	18		0000	40	30

Results of Surface Observations,
WILKES – Feb., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	01	9839	29	25	15	22	01	82	0	02	0	0	0	9	0	0									
	04	9836	27	24	16	11	08	82	2	03	0	1	5	6	3	0									
	07	9832	30	26	18	23	02	82	6	03	1	5	5	7	3										
	10	9830	33	30	25	20	06	82	7	02	2	6	5	5	6	0									
	13	9825	31	28	21	18	06	81	8	03	1	7	5	5	6										
	16	9818	31	29	26	16	09	82	8	03	2	6	5	5	6										
	19	9818	32	28	19	00	00	82	8	02	2	7	5	5	6										
	22	9813	30	29	25	20	04	81	8	03	7	8	5	5						16	13		0000	33	23
11	01	9813	30	29	27	18	05	82	8	02	2	8	5	7											
	04	9818	33	29	21	00	00	82	8	02	2	8	5	7											
	07	9812	33	30	25	34	04	82	8	02	2	6	5	6	2										
	10	9810	32	31	30	31	05	82	8	02	7	6	5	6	2										
	13	9788	33	31	28	17	06	82	7	02	2	6	5	6	2	0									
	16	9789	35	32	27	30	03	82	1	01	1	0	0	9	3	0									
	19	9782	33	32	28	00	00	82	0	02	0	0	0	9	0	2									
	22	9772	30	27	20	04	06	82	0	02	0	0	0	9	0	0				13	27		0001	38	28
12	01	9769	28	25	18	07	16	82	0	02	0	0	0	9	0	0									
	04	9780	26	23	16	08	12	82	0	02	0	0	0	9	0	0									
	07	9794	31	26	14	09	06	82	5	03	1	5	5	6	0	0									
	10	9802	32	28	21	00	00	82	8	03	2	7	5	7	2										
	13	9805	33	31	26	17	05	82	8	02	2	6	5	6	2										
	16	9807	35	32	25	00	00	82	8	02	2	6	5	6	2										
	19	9807	33	30	24	00	00	82	8	02	2	8	5	7											
	22	9794	30	29	26	00	00	82	7	01	2	0	0	9	3	0				06	21		0000	35	23
13	01	9773	27	25	20	00	00	82	2	02	0	0	0	9	2	0									
	04	9750	25	23	17	18	04	82	0	01	0	0	0	9	0	0									
	07	9730	29	25	17	04	02	82	0	02	0	0	0	9	0	0									
	10	9717	32	28	20	02	08	82	0	02	0	0	0	9	0	0									
	13	9711	33	30	24	02	13	82	3	03	0	1	2	5	0	8									
	16	9713	33	31	25	34	05	82	7	14	1	1	2	5	0	8									
	19	9706	28	28	27	28	03	08	8	73	7	8	6	6											
	22	9698	30	29	27	17	05	60	8	02	7	7	5	6	2					33	20		0000	35	23
14	01	9692	31	28	22	09	03	92	8	02	2	8	5	6											
	04	9690	30	27	21	14	09	82	8	02	2	8	5	5	7										
	07	9696	31	28	22	13	03	82	8	02	2	8	5	5	7										
	10	9700	34	30	22	12	09	82	1	01	1	1	5	7	0	0									
	13	9708	38	32	20	27	03	82	6	03	1	1	5	7	3	0									
	16	9720	34	30	23	32	03	82	3	02	1	0	0	9	4	0									
	19	9731	33	28	19	09	04	82	2	01	0	1	1	6	3	0									
	22	9743	32	28	19	16	08	82	3	01	1	3	5	5	0	0				09	26		0001	39	28
15	01	9765	29	27	20	17	08	82	7	03	1	7	5	5	0	0									
	04	9775	32	30	27	14	08	82	8	03	2	5	5	5	2										
	07	9790	34	28	16	12	07	82	7	15	2	5	5	6	4	0									
	10	9790	36	32	26	14	08	82	7	02	2	6	5	6	4	1									
	13	9793	34	32	29	16	08	82	7	02	2	6	5	6	4	0									
	16	9794	33	32	30	32	05	82	2	01	1	0	0	9	4	0									
	19	9798	33	31	27	33	02	82	1	01	1	0	0	8	4	0									
	22	9795	29	29	28	03	03	82	1	01	1	0	0	8	4	0				13	21		0000	38	27
16	01	9798	27	25	21	07	03	82	1	02	0	0	0	9	4	0									
	04	9802	26	26	24	09	04	82	6	03	1	0	0	9	3	0									
	07	9810	28	25	19	04	06	82	8	03	2	5	5	6	7										
	10	9811	29			07	09	82	8	02	2	8	5	6									0000		
	13	9804	31	27	20	08	08	82	7	02	2	6	5	6	5	0									
	16	9810	29	27	23	36	05	82	8	02	2	7	5	6	7										
	19	9825	29	27	23	22	02	81	8	77	7	8	5	5											
	22	9839	28	28	27	14	04	16	8	71	7	8	6	4						06	15		0000	33	25
17	01	9855	26	26	25	19	05	16	8	71	7	8	6	4											
	04	9871	26	26	26	01	03	24	8	71	7	7	6	4	2										
	07	9887	26	24	20	04	04	45	8	71	7	8	5	6											
	10	9889	27	25	20	02	03	60	8	71	7	8	5	6											
	13	9881	27	25	20	17	06	82	6	01	7	0	0	9	7	0									
	16	9867	26	25	23	16	07	82	7	03	2	0	0	9	7	0									
	19	9831	27	26	25	09	13	82	7	02	2	0	0	9	7	0									
	22	9801	24	23	19	18	05	82	7	02	2	3	5	6	7	0				12	14		0008	28	23
18	01	9780	25	24	21	14	07	82	6	01	2	6	5	7	0	0									
	04	9766	22	22	21	17	10	82	5	03	0	1	5	7	0	2									
	07	9733	28	26	22	01	06	82	1	02	2	1	5	5	0	0									
	10	9753	29	26	19	28	01	82	4	03	0	0	0	9	3	5							0000		
	13	9747	30	26	19	15	05	82	2	01	0	0	0	9	0	5									
	16	9760	32	28	21	22	02	82	1	01	0	0	0	9	0	5									
	19	9745	29	29	28	31	04	82	0	01	0	0	0	9	0	0									
	22	9745	26	25	22	35	03	82	0	02	0	0	0	9	0	0				17	22		0000	34	20

Results of Surface Observations,
WILKES – Feb., 1960

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	01	9747	24	24	21	03	01	82	1	03	0	1	5	6	0	0									
	04	9753	19	19	16	10	04	82	1	02	0	1	5	6	0	0									
	07	9761	24	23	19	09	04	82	5	03	1	5	5	6	0	0									
	10	9764	26	26	25	03	06	82	5	03	1	5	5	5	0	0									
	13	9769	28	27	24	04	03	82	1	01	2	1	5	6	0	0									
	16	9775	28	26	21	03	04	82	3	03	0	3	5	6	0	0									
	19	9782	25	24	20	36	04	82	7	03	2	7	5	6	0	0									
	22	9784	21	20	17	09	05	82	7	02	2	7	5	6	0	0				08	14		0000	31	18
20	01	9784	19	18	13	07	08	82	6	01	2	6	5	6	0	0									
	04	9782	18	17	12	08	08	82	1	01	1	1	5	6	0	0									
	07	9790	22	20	16	09	11	82	0	02	0	0	0	9	0	0									
	10	9787	29	26	20	23	02	82	7	03	2	7	5	6	0	0									
	13	9783	29	27	24	18	08	82	0	01	1	0	0	9	0	0									
	16	9780	27	25	20	17	15	82	1	01	0	0	0	9	3	0									
	19	9773	25	24	22	18	07	82	0	01	0	0	0	9	0	0									
	22	9767	24	22	17	15	05	82	0	02	0	0	0	9	0	0				17	19		0000	30	16
21	01	9753	20	19	16	11	02	81	1	03	0	1	5	7	0	0									
	04	9745	23	22	20	20	04	81	1	03	0	0	0	9	0	1									
	07	9732	28	26	20	09	02	81	0	01	0	0	0	9	0	0									
	10	9725	28	26	23	36	03	81	0	02	0	0	0	9	0	0									
	13	9724	28	26	21	33	04	81	0	02	0	0	0	9	0	0									
	16	9723	28	27	24	03	08	81	0	02	0	0	0	9	0	0									
	19	9728	27	25	22	02	06	81	0	02	0	0	0	9	0	0									
	22	9730	26	24	21	04	08	80	7	03	1	7	5	5	0	0				07	15		0000	30	20
22	01	9743	25	24	22	04	05	81	8	03	2	8	5	6											
	04	9751	22	20	16	08	10	81	7	02	2	7	5	6	0	5									
	07	9766	23	21	14	09	12	81	7	02	2	2	5	5	3	0									
	10	9773	26	24	20	04	08	80	8	03	2	0	0	9	7										
	13	9772	27	24	19	04	09	80	8	02	2	8	5	5											
	16	9769	26	25	21	04	12	25	8	77	2	8	5	4											
	19	9801	25	24	22	03	15	40	8	71	7	2	6	4											
	22	9806	24	24	23	04	11	40	8	71	7	2	5	4	2					04	18		0000	28	23
23	01	9815	24	22	17	06	06	80	8	02	2	8	6	4											
	04	9823	23	22	18	06	05	81	8	02	2	1	7	3	2										
	07	9833	26	25	22	03	05	80	8	02	2	8	5	5											
	10	9837	28	26	20	04	02	81	8	02	2	5	5	5	7										
	13	9845	29	27	23	01	04	81	8	02	2	5	5	5	7										
	16	9845	26	26	24	04	08	24	8	71	2	6	6	4											
	19	9842	23	23	21	09	04	80	6	22	7	6	5	5	0	0									
	22	9839	25	24	23	25	06	80	7	70	2	1	6	4	2	0				04	11		0000	30	22
24	01	9836	23	21	17	25	06	81	7	01	7	7	5	6	0	0									
	04	9822	23	22	18	29	06	81	8	02	2	6	5	5	2										
	07	9808	23	21	15	30	04	81	7	01	2	7	5	5	0	0									
	10	9798	25	23	19	27	05	81	5	01	2	4	5	6	0	0									
	13	9788	23	21	15	24	08	81	0	01	1	0	0	9	0	0									
	16	9777	21	20	14	30	03	81	2	03	0	0	0	9	3	0									
	19	9763	17	16	12	09	04	81	7	03	2	7	5	6	0	0									
	22	9758	19	17	14	09	04	81	8	02	2	8	5	6						24	11		0006	25	16
25	01	9743	21	20	17	36	04	81	8	02	2	8	5	6											
	04	9743	24	21	13	29	05	81	8	22	2	8	5	5											
	07	9768	23	21	17	27	10	81	6	02	2	3	8	5	0	0									
	10	9785	26	23	12	27	08	81	2	01	2	2	5	5	0	0									
	13	9797	25	23	17	28	07	15	8	70	2	7	7	3	2										
	16	9800	25	24	22	32	04	80	8	02	7	8	5	5											
	19	9828	22	21	18	28	06	81	1	01	7	1	5	6	0	1									
	22	9841	22	21	18	28	04	80	1	03	0	1	5	6	0	0				27	16		0000	28	16
26	01	9859	22	20	17	28	04	80	1	03	0	1	5	6	0	0									
	04	9865	20	18	13	07	04	81	4	03	1	1	5	6	0	6									
	07	9865	19	17	14	16	10	81	8	02	2	0	0	9	1										
	10	9867	19	18	16	18	09	81	8	02	2	0	0	9	0	7									
	13	9858	22	21	19	17	05	81	7	05	2	0	0	9	0	8									
	16	9852	23	22	18	18	04	81	2	01	1	0	0	9	0	8									
	19	9845	19	17	11	08	02	81	2	02	0	1	5	6	0	1									
	22	9841	18	16	11	17	02	81	2	02	0	1	5	6	0	1				18	13		0002	28	13
27	01	9832	17	17	14	17	09	81	2	02	0	0	0	9	7	0									
	04	9826	16	15	15	17	13	81	7	03	1	6	5	5	7										
	07	9826	15	14	13	17	10	81	2	01	1	0	0	9	5	1									
	10	9822	17	16	12	14	08	81	0	01	2	0	0	9	0	0									
	13	9827	19	18	15	19	08	82	1	02	0	0	0	9	3	0									
	16	9830	20	19	14	19	04	82	1	02	0	0	0	9	3	0									
	19	9833	18	16	10	06	05	81	2	05	0	0	0	9	0	1									
	22	9830	18	17	13	05	04	81	2	02	0	0	0	9	0	1				17	14		0000	23	14

Results of Surface Observations,
WILKES – Feb., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND 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	SL.miles	Points	°F	°F
28	01	9826	22	22	19	04	08	81	1	02	0	1	5	5	0	0									
	04	9827	19	18	15	18	08	81	8	03	1	8	5	5											
	07	9839	17	17	15	17	08	80	8	77	6	8	5	5											
	10	9838	22	21	20	17	10	25	8	70	6	6	7	4											
	13	9837	21	21	19	05	06	30	8	70	7	5	7	4											
	16	9837	22	22	17	03	05	80	8	71	7	6	7	4											
	19	9833	19	18	17	17	08	50	7	85	7	2	8	3	0	0									
	22	9829	14	14	11	19	07	81	0	02	1	0	0	9	0	0				04	16		0000	23	12
29	01	9817	11	11	09	18	04	81	0	02	0	0	0	9	0	0									
	04	9812	10	10	07	19	06	81	2	03	0	0	0	9	5	0									
	07	9792	11	11	08	20	05	81	8	03	1	0	0	9	3	7									
	10	9772	15	13	04	30	02	80	8	03	2	0	0	9	1										
	13	9733	18	16	09	36	01	80	8	02	2	0	0	9	1										
	16	9698	19	18	13	17	05	80	8	02	2	0	0	9	1										
	19	9679	21	20	16	17	08	30	8	70	2	0	0	5	2										
	22	9678	24	24	23	17	05	80	2	01	7	0	0	9	0	1				18	11		0003	22	09

Results of Surface Observations,
WILKES — Mar., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	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	9704	20	19	16	33	04	81	1	01	1	1	5	5	0	0									
	04	9725	19	17	10	31	05	81	2	03	1	1	5	5	0	6									
	07	9751	19	18	14	26	07	81	2	02	0	1	8	5	0	1									
	10	9758	20	18	10	30	06	81	2	02	1	0	0	9	5	0									
	13	9763	19	19	15	36	06	81	7	03	1	0	0	9	2	0									
	16	9760	19	18	14	00	00	16	8	71	7	0	0	8	2										
	19	9747	20	20	18	17	06	25	8	71	7	0	0	8	2										
	22	9737	21	21	19	16	07	15	8	71	7	8	5	4						06	20		0000	30	16
02	01	9720	29	28	25	07	14	16	8	71	7	8	6	4											
	04	9717	29	28	25	24	02	40	8	71	7	8	6	4											
	07	9715	27	27	26	18	06	08	8	73	7	0	0	4	2										
	10	9699	30	29	27	07	12	04	8	73	7	8	6	2											
	13	9685	32	31	30	09	16	40	8	02	7	5	7	4	2										
	16	9679	32	30	25	19	06	40	8	02	2	2	7	4	7										
	19	9667	31	29	25	18	09	40	8	02	2	2	7	4	7										
	22	9650	28	27	25	18	04	45	8	71	7	2	7	4	7					09	22		0011	33	26
03	01	9633	27	27	26	21	12	40	8	71	7	0	0	5	2										
	04	9617	27	26	24	19	10	55	8	02	7	8	5	5											
	07	9583	23	23	19	16	12	81	2	01	1	0	0	9	3	5									
	10	9550	30	28	24	21	02	81	6	03	1	0	0	9	0	6									
	13	9543	28	27	25	02	13	81	7	02	2	0	0	9	0	6									
	16	9558	29	28	26	36	02	81	7	02	2	0	0	7	2	0									
	19	9568	28	26	23	00	00	81	7	02	2	0	0	7	2	0									
	22	9570	28	26	23	12	08	81	8	02	2	0	0	8	2	0				16	20		0022	30	22
04	01	9581	26	25	22	15	03	81	8	02	7	0	0	9	2										
	04	9588	26	25	23	17	04	80	8	02	7	0	0	6	2										
	07	9596	28	25	20	10	03	80	8	02	7	1	1	4	2										
	10	9600	29	27	22	27	02	80	8	02	2	8	5	6											
	13	9607	32	29	25	00	00	80	8	02	7	1	8	5	7										
	16	9623	29	26	19	08	05	80	7	02	2	4	5	6	7	0									
	19	9626	27	25	19	18	06	80	8	02	2	5	5	6	7										
	22	9630	29	26	20	09	12	80	8	02	2	4	5	6	7					12	22		0000	33	24
05	01	9631	29	27	23	26	03	81	8	02	2	0	0	9	2										
	04	9632	27	26	22	18	09	81	8	02	2	3	5	5	2										
	07	9627	25	24	20	09	24	50	8	36	3	1	8	5	7										
	10	9637	25	25	22	08	22	50	8	36	3	2	5	6	7										
	13	9648	27	25	20	08	14	81	8	02	3	6	5	6	7										
	16	9656	28	27	23	18	10	81	7	14	2	3	5	6	7	0									
	19	9658	26	26	24	25	08	81	8	02	2	5	5	6	7										
	22	9662	25	23	18	09	04	81	8	02	2	4	5	6	7					08	33		0000	30	24
06	01	9659	25	23	18	08	06	81	7	01	2	3	5	5	7	0									
	04	9664	24	22	17	04	02	80	8	03	2	0	0	7	7										
	07	9671	24	23	20	07	08	81	8	02	2	0	0	8	7										
	10	9675	25	24	22	02	10	25	8	70	2	7	7	4	2										
	13	9673	24	24	23	03	12	15		73	7														
	16	9670	23	23	21	03	15	25	8	73	7	7	7	2	2										
	19	9673	23	22	20	05	18	40	8	73	7	6	7	3	2										
	22	9675	23	22	20	36	06	16		71	7									04	21		0000	26	22
07	01	9681	22	21	19	01	10	80	8	71	7	8	6	4											
	04	9685	22	21	18	03	14	80	8	02	7	4	5	4	2										
	07	9699	23	20	11	36	10	81	8	02	7	8	5	5											
	10	9702	22	22	20	34	12	81	8	02	2	1	8	4											
	13	9705	22	22	20	25	15	81	7	01	2	1	8	5	0	0									
	16	9712	22	22	20	02	07	81	8	02	2	6	8	5	0	0									
	19	9708	21	19	15	36	09	81	7	01	2	5	8	5	0	0									
	22	9698	20	19	15	35	07	81	6	01	2	6	5	5	0	0				05	18		0025	24	19
08	01	9684	19	19	17	14	04	81	8	03	2	0	0	8	2										
	04	9675	20	19	16	12	04	60	8	71	2	0	0	5	2										
	07	9672	20	20	18	32	02	06		71	7														
	10	9664	20	20	19	21	06	08		71	7														
	13	9666	20	20	19	17	09	02		73	7														
	16	9668	20	19	15	12	10	24	8	71	7	0	0	5	2										
	19	9678	18	18	15	06	05	80	7	01	2	7	5	7	0	0									
	22	9683	18	18	15	04	04	80	8	71	2	8	5	6						12	13		0006	21	15
09	01	9695	19	19	18	28	02	81	6	70	7	0	0	8	2	0									
	04	9700	17	16	13	27	04	80	8	03	7	8	5	7											
	07	9680	18	17	13	01	10	81	8	02	7	6	5	7	7	0									
	10	9647	17	16	12	32	17	75	7	36	7	7	5	5	0										
	13	9612	16	15	11	31	13	80	6	36	3	6	2	5	0	0									
	16	9600	08	08	04	30	16	81	1	01	3	1	2	5	0	0									
	19	9609	10	09	04	27	09	81	1	01	2	0	5	5	0	0									
	22	9638	11	11	08	18	07	81	0	01	0	0	0	9	0	0				31	27		0016	21	07

Results of Surface Observations,
WILKES – Mar., 1960

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	01	9661	06	06	02	18	06	81	1	03	0	0	0	8	7	0									
	04	9657	07	07	03	22	05	80	8	03	1	0	0	9	2										
	07	9640	09	09	05	17	06	81	1	01	1	0	0	9	3	0									
	10	9632	15	15	11	08	03	81	2	03	0	0	0	9	5	0									
	13	9609	15	15	11	18	04	81	7	03	1	0	0	9	3	6									
	16	9596	16	16	14	08	04	81	3	01	1	0	0	9	0	6									
	19	9594	09	08	03	09	06	81	0	01	0	0	0	9	0	0									
	22	9594	07	06	01	18	04	81	0	02	0	0	0	9	0	0				18	10		0000	18	04
11	01	9596	08	08	05	03	04	81	1	03	0	0	0	9	4	0									
	04	9607	07	07	04	21	05	81	7	03	1	7	5	7	0	0									
	07	9621	05	05	02	18	02	81	3	02	1	1	1	4	4	1									
	10	9623	05	05	02	27	09	81	2	02	0	2	1	4	0	0									
	13	9627	05	05	02	27	08	81	1	02	0	1	1	4	0	0									
	16	9625	06	05	00	27	06	81	0	02	1	0	0	9	0	0									
	19	9627	03	03	00	27	08	81	0	02	0	0	0	9	0	0									
	22	9632	04	03	01	24	05	81	7	03	1	7	5	5	0	0				27	15		0000	10	02
12	01	9635	03	03	503	27	05	81	1	01	1	0	0	9	3	0									
	04	9648	01	00	506	30	08	81	0	01	0	0	0	9	0	0									
	07	9671	01	01	506	29	06	82	1	02	0	1	5	5	0	0									
	10	9676	04	04	501	32	04	82	1	02	0	1	5	5	0	0									
	13	9679	06	05	506	33	02	82	7	70	1	7	5	5	0	5									
	16	9675	05	05	00	09	04	81	8	03	7	8	5	5											
	19	9685	04	04	501	17	04	81	7	01	2	7	5	5	0	0									
	22	9696	00	00	503	09	06	81	7	01	2	7	5	5	0	0				30	16		0000	10	00
13	01	9704	04	04	00	08	03	81	8	03	2	3	5	5	7										
	04	9706	06	05	00	04	02	81	8	02	2	5	5	5	7										
	07	9697	03	02	503	09	04	81	1	01	1	0	0	9	0	1									
	10	9693	05	05	01	20	03	81	6	03	1	0	0	9	0	6									
	13	9682	07	06	502	25	02	81	7	03	1	0	0	9	5	6									
	16	9683	07	06	502	21	04	81	7	02	2	6	5	5	7	0									
	19	9681	08	07	03	25	08	81	7	02	2	7	5	5	0	0									
	22	9679	07	07	02	25	08	81	7	02	2	7	5	5	0	0				25	14		0000	12	00
14	01	9666	07	06	503	00	00	80	8	02	2	8	5	6											
	04	9621	08	08	03	06	03	08		73	7														
	07	9579	06	06	03	18	08	30		73	7														
	10	9570	06	06	02	25	18	45	8	71	7	8	5	5											
	13	9600	07	07	04	31	08	81	7	01	7	7	5	5	0	0									
	16	9587	07	07	02	03	06	81	8	02	2	8	5	5											
	19	9576	09	08	04	27	04	81	7	70	7	7	5	5	0	0									
	22	9579	02	02	503	34	02	82	1	01	2	1	5	5	0	0				18	24		0004	12	501
15	01	9572	00	500	507	00	00	80	7	03	1	0	0	9	0	6									
	04	9561	00	500	505	00	00	80	7	02	2	1	5	7	1	8									
	07	9549	08	08	06	18	02	55	7	70	2	7	5	5	0	0									
	10	9560	07	07	04	18	08	55	8	70	7	0	0	8	7	2									
	13	9578	10	10	05	17	09	08	8	71	7	0	0	5	2										
	16	9600	12	11	02	18	06	80	8	71	7	0	0	8	1										
	19	9628	13	12	10	27	12	80	8	02	7	6	7	4											
	22	9655	08	08	04	30	12	81	2	01	2	2	5	6	0	0				30	20		0006	13	502
16	01	9679	05	05	01	31	08	80	0	02	1	0	0	9	0	0									
	04	9720	04	04	501	28	08	80	0	02	0	0	0	9	0	0									
	07	9766	03	03	501	33	05	81	0	02	0	0	0	9	0	0									
	10	9801	03	03	00	21	08	81	0	02	0	0	0	9	0	0									
	13	9845	02	02	501	23	07	81	0	02	0	0	0	9	0	0									
	16	9873	01	01	504	17	10	82	2	03	0	0	0	9	0	5									
	19	9874	501	501	505	18	08	81	1	02	0	0	0	9	0	5									
	22	9840	02	02	504	17	07	81	8	03	1	0	0	8	1					29	16		0001	16	502
17	01	9815	05	05	501	18	09	80	8	02	2	0	0	8	2										
	04	9773	09	08	02	19	06	80	8	02	2	0	0	8	1										
	07	9727	17	17	15	11	22	04	8	36	2	0	0	8	2										
	10	9705	19	18	15	10	22	45	8	36	3	0	0	8	2										
	13	9711	14	14	12	18	16	80	8	01	7	0	0	9	7	8									
	16	9726	14	14	11	18	10	80	7	01	7	0	0	9	7	0									
	19	9749	17	16	14	03	08	81	5	01	2	0	0	8	7	0									
	22	9758	17	16	13	03	10	81	5	02	2	2	5	5	7	0				10	36		0000	24	04
18	01	9775	18	17	13	03	07	81	8	03	1	0	0	9	7										
	04	9782	12	12	07	16	10	80	8	22	2	8	5	7											
	07	9791	09	09	06	18	16	40	8	71	2	0	0	8	2										
	10	9792	13	13	11	18	09	80	8	71	7	3	5	5	2										
	13	9801	14	13	11	17	05	80	8	02	7	5	5	5	2										
	16	9814	16	15	11	20	02	81	7	02	2	7	5	7	0	0									
	19	9833	17	17	13	30	03	81	7	02	2	3	5	6	2	0									
	22	9855	15	16	12	08	04	81	6	02	2	2	5	6	2	0				17	19		0000	20	07

Results of Surface Observations,
WILKES – Mar., 1960

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND							LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER		AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W		Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
19	01	9879	11	11	07	16	08	81	1	01	1		1	5	6	0	0									
	04	9905	09	09	04	16	07	81	0	02	0		0	0	9	0	0									
	07	9925	11	11	08	18	07	81	0	02	0		0	0	9	0	0									
	10	9948	14	13	09	18	08	81	1	02	0		0	0	9	4	0									
	13	9961	16	15	10	18	07	81	0	02	0		0	0	9	0	0									
	16	9970	15	15	13	18	07	81	0	02	0		0	0	9	0	0									
	19	9978	11	11	06	18	04	81	0	02	0		0	0	9	0	0									
	22	9981	12	11	05	18	02	81	0	02	0		0	0	9	0	0				16	14		0000	19	07
20	01	9980	11	09	501	16	06	81	0	02	0		0	0	9	0	0									
	04	9973	08	07	502	00	00	81	0	02	0		0	0	9	0	0									
	07	9964	08	07	03	17	08	81	1	02	0		0	0	9	0	5									
	10	9951	10	10	05	16	08	81	1	02	0		0	0	9	0	5									
	13	9942	13	13	09	18	08	81	0	02	0		0	0	9	0	0									
	16	9934	14	13	08	18	08	81	0	02	0		0	0	9	0	0									
	19	9932	09	09	04	21	04	81	1	02	0		0	0	9	0	8									
	22	9905	13	11	02	17	14	81	0	02	0		0	0	9	0	0				18	30		0000	17	03
21	01	9880	03	03	00	18	20	81	0	02	0		0	0	9	0	0									
	04	9863	03	03	502	15	16	81	0	02	0		0	0	9	0	0									
	07	9869	06	06	01	18	10	81	1	02	0		1	5	5	0	0									
	10	9856	01	01	503	17	26	80	1	05	0		1	5	5	0	0									
	13	9849	10	09	02	16	06	81	1	02	0		1	5	5	0	0									
	16	9838	09	08	04	09	04	81	0	02	0		0	0	9	0	0									
	19	9805	02	02	503	16	15	81	0	02	0		0	0	9	0	0									
	22	9798	03	02	506	18	04	81	0	02	0		0	0	9	0	0				18	27		0000	16	502
22	01	9782	01	01	505	18	06	81	0	02	0		0	0	9	0	0									
	04	9759	00	00	505	18	10	81	1	03	0		1	5	5	0	0									
	07	9748	01	01	505	18	06	81	4	02	1		4	5	5	0	0									
	10	9736	02	01	505	10	08	81	6	03	1		6	5	6	0	0									
	13	9719	06	05	506	00	00	81	1	01	1		1	5	7	0	0									
	16	9706	02	02	503	11	03	81	1	02	0		1	5	6	0	0									
	19	9706	01	00	506	16	07	81	1	01	0		1	5	6	0	0									
	22	9685	00	500	504	16	12	80	0	02	0		0	0	9	0	0				18	12		0000	15	504
23	01	9695	04	03	506	16	04	81	0	02	0		0	0	9	0	0									
	04	9707	05	04	506	00	00	81	0	02	0		0	0	9	0	0									
	07	9721	11	10	03	00	00	81	1	02	0		1	5	9	0	0									
	10	9731	13	12	06	05	02	81	1	02	0		0	0	9	0	0									
	13	9747	16	14	09	09	06	81	1	02	0		0	0	9	3	0									
	16	9750	14	13	05	08	05	81	3	05	0		0	0	9	3	0									
	19	9763	09	08	03	07	09	81	6	05	1		0	0	9	5	0									
	22	9758	11	10	02	06	09	81	0	02	0		0	0	9	0	0				09	12		0000	20	504
24	01	9745	15	14	07	07	12	81	0	02	0		0	0	9	0	0									
	04	9715	19	18	13	09	22	81	2	03	0		0	0	9	0	8									
	07	9670	18	18	15	09	32	08	8	38	2		8	5	5											
	10	9652	19	19	17	09	35	04	8	38	2		2	5	5	7										
	13	9664	20	19	16	11	35	03	8	38	3		4	5	5	7										
	16	9666	18	17	14	11	30	03	8	38	3		7	5	5	7										
	19	9675	15	15	11	10	32	02	8	38	2		8	5	5											
	22	9679	16	16	12	10	24	08	8	38	2		8	5	6						11	46		0000	24	08
25	01	9703	16	16	13	18	15	80	6	01	3		6	5	5	0	0									
	04	9707	16	15	12	15	12	80	8	03	2		8	5	6											
	07	9715	15	15	12	18	14	80	8	71	2		8	7	5											
	10	9713	15	15	12	19	11	45	8	71	7		0	0	7	2										
	13	9708	17	16	13	18	14	04	8	73	7		0	0	5	2										
	16	9707	21	20	17	23	07	04	8	73	7		0	0	5	2										
	19	9701	19	18	15	09	22	08	8	36	7		3	0	5											
	22	9697	16	16	13	10	24	04		38	3										09	36		0000	24	11
26	01	9703	20	19	15	18	14	60	8	36	3		2	7	4											
	04	9710	23	20	13	18	16	80	8	02	2		8	5	5											
	07	9683	19	17	11	18	12	80	8	02	2		8	5	5											
	10	9660	18	17	13	17	12	81	8	22	3		2	7	4	1	8									
	13	9626	18	17	14	17	20	80	3	01	1		0	0	9	0	8									
	16	9590	09	09	06	17	24	81	3	02	3		0	0	9	0	6									
	19	9541	08	08	05	17	22	81	2	02	3		0	0	9	0	0									
	22	9506	06	06	02	17	12	80	0	02	0		0	0	9	0	0				18	34		0040	23	05
27	01	9490	16	16	13	36	14	81	1	03	0		1	5	5	0	0									
	04	9485	16	16	13	36	10	81	7	03	1		7	5	5	0	0									
	07	9493	15	15	10	34	12	82	2	01	1		1	5	5	0	1									
	10	9509	10	10	05	34	10	81	6	03	1		6	5	5	0	0									
	13	9546	16	15	10	36	10	81	7	03	2		7	5	5	0	0									
	16	9577	14	13	09	09	06	81	7	22	2		7	5	5	0	0									
	19	9604	13	11	03	09	08	81	8	02	2		8	5	5		0									
	22	9619	07	07	03	07	08	81	1	01	1		1	5	5	0	0				34	21		0000	18	03

Results of Surface Observations,
WILKES – Mar., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
28	01	9630	05	05	01	08	08	80	0	01	1	0	0	9	0	0									
	04	9636	06	05	501	08	04	80	0	02	0	0	0	9	0	0									
	07	9634	13	11	501	07	12	81	1	02	0	1	5	7	0	0									
	10	9634	19	17	08	06	14	81	7	03	1	0	0	8	7	0									
	13	9625	22	21	18	09	20	81	7	36	1	0	0	8	7	0									
	16	9624	23	21	16	09	29	80	7	38	3	1	7	5	9	0									
	19	9635	21	21	18	09	30	16	8	38	3	1	7	4	9										
	22	9625	19	19	17	10	38	03	0	39	3	0	0	9	0	0				09	55		0000	27	03
29	01	9688	22	20	13	09	26	16	1	38	3	1	5	5	0	0									
	04	9687	21	20	17	09	26	03	5	39	3	0	0	8	7	0									
	07	9681	18	17	13	07	40	01	3	37	3	0	0	8	3	1									
	10	9688	19	18	13	09	33	02	7	37	3	0	0	8	7	0									
	13	9708	28	24	13	24	15	81	7	36	3	0	0	9	7	0									
	16	9714	22	20	14	18	08	81	0	01	1	0	0	9	0	0									
	19	9717	21	19	13	03	10	81	0	02	0	0	0	9	0	0									
	22	9715	19	18	14	03	10	81	0	02	0	0	0	9	0	0				09	57		0000	28	12
30	01	9705	15	14	09	09	04	81	1	03	0	1	5	5	0	0									
	04	9700	13	12	08	17	02	81	0	01	0	0	0	9	0	0									
	07	9704	12	11	02	08	08	81	1	02	0	1	5	6	0	0									
	10	9708	14	13	05	20	06	81	1	02	0	1	5	6	0	0									
	13	9708	18	16	07	00	00	81	1	02	0	1	5	6	0	0									
	16	9709	14	12	03	06	04	81	1	02	0	1	5	6	0	0									
	19	9709	10	09	06	08	08	81	0	02	0	0	0	9	0	0									
	22	9704	06	06	02	08	06	81	0	02	0	0	0	9	0	0				11	12		0000	20	06
31	01	9694	07	06	01	09	08	81	0	02	0	0	0	9	0	0									
	04	9686	09	08	03	08	11	81	6	03	1	6	5	6	0	0									
	07	9673	09	08	02	09	12	82	8	03	2	8	5	7											
	10	9663	12	11	03	09	15	82	8	02	2	8	5	7											
	13	9662	14	13	05	08	14	81	8	02	2	7	5	6	7										
	16	9663	14	13	05	16	09	81	8	02	2	3	5	6	7										
	19	9682	14	14	11	13	07	80	8	71	2	5	5	6	7										
	22	9697	15	15	13	15	09	40	8	71	7	8	5	5						09	22		0000	18	04

Results of Surface Observations,
WILKES – Apr., 1960

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND							LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER		AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W		Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
01	01	9712	16	16	13	00	00	80	5	70	7		0	0	9	2	0									
	04	9733	12	12	09	08	03	80	2	01	7		0	0	8	2	0									
	07	9752	15	14	08	00	00	80	8	05	7		0	0	9	0	7									
	10	9764	17	15	06	07	02	81	6	05	2		0	0	9	0	1									
	13	9776	18	17	11	00	00	81	2	05	1		0	0	9	0	8									
	16	9789	16	15	10	10	02	81	1	02	0		0	0	9	0	8									
	19	9803	15	14	08	05	07	81	1	02	0		0	0	9	0	8									
	22	9817	15	15	12	07	05	81	0	01	0		0	0	9	0	0				04	15		0015	23	10
02	01	9833	18	17	12	08	14	81	2	03	0		0	0	8	2	0									
	04	9855	20	19	15	00	00	80	8	71	1		0	0	6	2										
	07	9863	25	23	19	36	10	16	8	71	7		0	0	5	2										
	10	9872	24	23	20	21	06	07	8	71	7		7	7	3											
	13	9870	24	23	20	09	17	15	8	36	7		7	7	3											
	16	9877	23	23	21	35	03	08	8	71	3		3	7	4											
	19	9879	21	21	19	18	05	24	8	71	3		4	7	4	2										
	22	9879	16	16	14	16	08	30	8	71	3		6	7	4	2					09	27		0035	26	13
03	01	9866	11	11	08	17	07	80	3	01	7		0	0	8	2	0									
	04	9862	09	09	06	16	02	81	6	03	1		0	0	9	7	0									
	07	9857	13	13	09	18	02	75	8	70	2		2	5	7	2										
	10	9855	17	16	14	18	01	75	8	71	7		8	5	6											
	13	9856	16	15	13	16	01	80	8	02	2		8	5	6											
	16	9853	16	16	14	17	03	40	8	71	7		0	0	5	2										
	19	9857	17	16	13	14	04	40	8	71	7		0	0	5	2										
	22	9854	15	14	08	14	04	80	5	01	7		0	0	9	7	0				13	12		0029	17	06
04	01	9848	16	14	07	16	04	75	8	02	7		8	5	6											
	04	9847	16	14	05	08	03	80	6	01	2		0	0	9	7	0									
	07	9853	17	16	11	00	00	80	7	03	2		6	5	6	7	0									
	10	9857	18	18	17	09	15	40	8	71	7		0	0	5	2										
	13	9857	16	15	10	18	03	81	7	01	7		0	0	9	1	8									
	16	9858	14	13	08	20	02	81	7	02	2		0	0	9	0	6									
	19	9862	15	15	12	05	11	81	3	01	1		0	0	9	7	0									
	22	9862	11	10	04	10	08	81	0	01	0		0	0	9	0	0				10	22		0000	21	08
05	01	9859	12	10	504	15	08	81	0	02	0		0	0	9	0	0									
	04	9851	13	11	01	14	06	81	0	02	0		0	0	9	0	0									
	07	9846	16	15	09	09	06	81	7	03	1		0	0	9	7	6									
	10	9841	19	17	09	16	07	81	7	02	2		1	5	6	7	6									
	13	9836	20	19	14	17	06	81	7	02	2		7	5	7	0	0									
	16	9831	20	19	14	12	10	81	3	01	1		2	5	6	0	6									
	19	9838	20	18	12	08	12	81	5	03	1		3	5	6	7	0									
	22	9838	18	17	13	13	03	81	5	02	2		0	0	8	7	0				12	16		0000	25	07
06	01	9840	14	13	07	20	06	80	6	02	2		0	0	9	7	1									
	04	9840	11	10	03	18	02	80	0	01	1		0	0	9	0	0									
	07	9848	16	15	11	00	00	81	7	03	1		0	0	9	7	1									
	10	9856	16	15	11	05	10	81	4	01	1		0	0	9	7	1									
	13	9865	17	15	08	04	08	81	7	03	1		0	0	9	7	8									
	16	9875	15	14	09	06	09	81	7	02	2		0	0	8	7	0									
	19	9880	14	13	09	07	09	81	2	01	1		0	0	8	7	0									
	22	9881	16	16	13	07	10	80	8	71	1		0	0	6	2					06	15		0000	19	09
07	01	9884	15	14	09	07	09	80	8	02	7		8	5	5											
	04	9891	15	14	08	08	02	50	5	22	7		0	0	8	7	0									
	07	9892	11	11	08	18	08	81	8	02	2		0	0	9	7										
	10	9892	11	11	08	18	10	81	8	02	2		8	5	5											
	13	9883	10	10	07	17	10	80	8	02	2		8	5	5											
	16	9877	08	08	04	18	10	80	7	02	2		7	5	5	0	0									
	19	9865	01	01	502	23	02	81	1	01	1		1	5	5	0	0									
	22	9847	00	00	504	06	08	81	0	02	0		0	0	9	0	0				18	14		0000	16	503
08	01	9836	503	503	507	19	02	80	0	02	0		0	0	9	0	0									
	04	9829	502	503	511	17	01	80	0	02	0		0	0	9	0	0									
	07	9814	503	504	511	00	00	81	1	03	0		0	0	9	0	0									
	10	9803	02	01	508	00	00	81	7	03	1		0	0	9	0	0									
	13	9790	04	04	501	16	05	81	8	03	2		0	0	9	0	0									
	16	9783	04	04	01	17	01	81	7	01	2		5	5	5	7	0									
	19	9779	04	04	00	08	10	81	7	02	2		7	5	6	5	0									
	22	9770	07	07	03	07	10	81	8	03	2		8	5	5						08	16		0000	09	505
09	01	9767	09	09	03	02	07	81	8	02	2		8	5	5	5										
	04	9768	05	04	501	16	05	80	8	02	2		8	5	5	5										
	07	9781	07	06	01	12	04	80	8	71	2		8	5	5	5										
	10	9781	02	02	501	18	09	81	8	02	2		8	5	5	5										
	13	9771	04	04	01	20	07	81	8	02	2		8	5	5	5										
	16	9763	06	06	03	18	02	81	8	02	2		8	5	5	5										
	19	9750	03	03	501	18	08	81	8	02	2		8	5	5	6										
	22	9712	00	00	504	18	08	80	8	02	2		8	5	5						17	15		0000	10	501

Results of Surface Observations,
WILKES – Apr., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	01	9691	01	01	505	18	05	81	8	02	2	8	5	5											
	04	9656	02	02	503			80	8	02	2	8	6	3											
	07	9626	02	02	502	36	04	81	8	02	2	8	5	5											
	10	9606	03	03	501	05	07	81	8	02	2	8	5	5											
	13	9596	04	04	01	05	07	80	8	02	2	8	5	5											
	16	9597	02	02	501	08	07	81	7	01	2	7	5	5	0	0									
	19	9618	503	504	511	09	10	81	1	01	2	1	5	5	0	0									
	22	9631	502	503	509	07	09	81	1	02	0	1	5	5	0	0				09	10		0000	07	506
11	01	9650	501	502	509	09	07	81	0	02	0	0	0	9	0	0									
	04	9667	503	503	510	09	02	81	0	02	0	0	0	9	0	0									
	07	9667	503	504	513	07	02	80	7	05	1	7	5	5	0	0									
	10	9664	02	02	502	06	08	82	8	70	2	8	5	5											
	13	9654	05	05	01	03	09	81	6	05	2	6	5	6	0	0									
	16	9643	07	07	02	09	08	81	6	02	1	6	5	5	0	0									
	19	9636	01	01	502	05	07	81	2	01	1	2	5	5	0	0									
	22	9630	05	05	501	03	10	80	8	03	1	8	5	5						02	19		0000	08	506
12	01	9640	05	04	502	05	12	80	8	02	2	8	5	5	0	0									
	04	9656	03	03	502	06	13	80	7	02	2	7	5	5	0	0									
	07	9683	03	03	502	05	08	81	5	01	2	5	5	5	0	0									
	10	9712	05	04	503	07	07	81	7	03	2	7	5	5	0	0									
	13	9762	08	07	02	05	12	81	2	01	3	2	5	5	0	0									
	16	9822	05	05	00	00	00	81	1	01	0	1	5	5	0	0									
	19	9851	05	05	501	15	04	81	2	02	0	2	5	5	0	0									
	22	9891	11	10	06	06	06	81	7	03	1	5	5	5	0	0				04	25		0000	15	01
13	01	9917	12	11	07	15	07	81	7	02	2	7	5	5	0	0									
	04	9940	10	10	05	18	05	81	0	01	1	0	5	9	0	0									
	07	9976	08	08	05	20	03	81	1	02	0	1	5	9	0	0									
	10	9979	14	13	07	00	00	81	0	02	0	0	5	9	0	0									
	13	9973	12	12	08	09	04	81	3	03	0	0	6	9	0	0									
	16	9971	09	09	06	00	00	81	8	03	1	0	6	9	0	5									
	19	9962	07	07	01	00	00	81	7	01	2	0	6	9	4	7									
	22	9940	08	08	05	06	02	81	8	03	2	0	0	9	0	8				18	17		0000	16	04
14	01	9913	14	12	02	00	00	80	8	02	2	0	0	9	0	7									
	04	9908	12	11	05	05	08	80	8	02	2	0	0	9	1										
	07	9876	13	12	06	12	07	55	8	70	2	0	0	5	2										
	10	9841	11	11	08	12	09	08	8	71	3	0	0	3	2										
	13	9806	13	13	11	15	02	07	8	71	7	0	0	5	2										
	16	9764	17	17	15	09	22	03	8	38	7	0	0	4	2										
	19	9743	18	17	13	09	25	02	8	37	7	8	5	5						09	36		0020	22	06
	22	9725	19	19	17	09	25	07	8	36	3	8	5	5											
15	01	9705	19	19	17	09	28	04	8	39	3	8	5	5											
	04	9700	20	20	17	09	26	04	8	39	3	8	5	5											
	07	9708	19	19	16	09	26	04	8	36	3	8	5	5											
	10	9729	22	21	16	21	04	80	8	02	3	8	5	5											
	13	9736	23	22	20	11	20	81	8	02	3	8	5	5											
	16	9743	20	19	16	11	26	08	8	38	2	8	5	5											
	19	9752	20	20	18	10	30	08	8	38	3	8	5	5											
	22	9766	21	20	16	09	26	24	8	39	3	8	5	5						09	42		0025	26	14
16	01	9802	20	19	14	18	10	80	8	02	3	8	5	5											
	04	9820	17	17	14	18	09	80	8	02	2	8	5	6											
	07	9842	16	16	14	17	09	81	8	02	2	7	0	0	7										
	10	9852	17	16	13	16	07	81	6	01	2	0	0	9	7	0									
	13	9851	19	18	12	04	04	81	6	02	2	0	1	9	3	8									
	16	9851	17	16	11	01	07	81	7	03	2	1	0	5	5	1									
	19	9849	17	15	09	03	15	81	3	01	1	0	0	9	0	1									
	22	9846	13	12	07	05	10	81	2	02	0	0	0	9	0	8				09	32		0000	25	10
17	01	9838	11	10	03	06	06	81	3	02	0	0	0	9	0	8									
	04	9828	10	10	06	09	06	80	8	03	1	0	0	9	2										
	07	9822	11	11	06	00	00	81	8	02	1	8	5	5											
	10	9802	12	11	03	06	04	81	8	02	2	8	5	5											
	13	9784	13	12	06	06	05	81	8	02	2	8	5	5											
	16	9772	12	11	05	07	04	80	8	02	2	8	5	5											
	19	9772	12	11	07	05	07	80	8	02	2	8	5	5											
	22	9765	12	11	08	06	03	80	8	02	2	8	5	5						07	09		0000	16	10
18	01	9768	12	12	09	07	03	80	8	70	2	8	5	5											
	04	9778	12	12	09	07	04	80	7	70	2	7	5	5	0	0									
	07	9787	12	11	06	06	04	81	8	05	2	7	5	5											
	10	9797	13	13	10	06	08	81	8	02	2	8	5	5											
	13	9805	13	13	07	05	05	81	8	15	2	7	5	5											
	16	9820	13	13	08	05	06	81	8	15	2	8	5	5											
	19	9833	13	12	08	04	07	81	8	02	2	8	5	5											
	22	9853	12	11	08	06	08	80	8	02	2	8	5	5						03	12		0000	15	10

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
19	01	9871	10	10	05	07	07	80	8	02	2	8	5	5											
	04	9893	10	09	05	10	05	80	8	02	2	8	5	5											
	07	9913	11	10	02	10	02	81	8	02	2	8	5	5											
	10	9928	12	11	02	13	04	81	7	01	2	7	5	5	0	0									
	13	9940	12	11	06	14	06	82	1	01	1	0	0	9	0	5									
	16	9948	08	07	01	16	04	80	8	05	1	0	0	9	0	7									
	19	9944	07	06	501	00	00	80	3	01	1	0	0	8	0	8									
	22	9935	11	10	03	02	04	80	8	03	1	0	0	8	2					09	10		0000	14	07
20	01	9915	10	10	06	06	02	80	8	02	1	0	0	8	2										
	04	9893	12	11	04	18	05	80	6	01	2	0	0	8	1	0									
	07	9873	11	10	03	17	09	80	8	05	2	0	0	9	7										
	10	9858	12	11	05	00	00	81	0	02	1	0	0	9	0	0									
	13	9838	11	11	07	18	05	81	7	03	1	7	5	5	0	0									
	16	9825	11	11	07	18	05	81	7	02	2	7	5	5	0	0									
	19	9811	12	10	02	00	00	81	1	01	2	7	5	5	0	0									
	22	9795	09	09	06	18	07	81	8	03	1	8	5	5						18	12		0000	14	08
21	01	9782	09	09	06	18	06	80	8	70	1	8	5	5											
	04	9778	12	12	09	05	12	80	8	70	7	8	5	5											
	07	9782	10	10	06	04	08	15	8	77	7	8	5	4											
	10	9783	09	08	01	08	13	50	8	77	7	8	5	5											
	13	9791	08	07	01	08	13	81	8	22	7	8	5	5											
	16	9801	06	05	503	08	13	81	8	02	2	8	5	5											
	19	9810	06	05	01	08	14	80	8	02	2	8	5	5											
	22	9817	500	500	505	08	16	80	2	36	1	2	5	5	0	0				09	23		0000	13	504
22	01	9824	00	500	508	13	06	80	2	02	3	2	5	5	0	0									
	04	9824	503	503	509	17	03	80	0	01	0	0	5	9	0	0									
	07	9817	504	504	514	09	07	80	1	05	0	1	5	5	0	0									
	10	9817	501	501	508	19	06	81	5	03	1	5	5	5	0	0									
	13	9808	02	01	508	17	05	81	8	03	1	8	5	5											
	16	9806	03	03	00	18	07	81	8	71	7	8	5	5											
	19	9803	04	04	01	18	08	80	8	71	7	0	0	5	2										
	22	9800	06	06	03	20	06	80	8	71	7	0	0	5	2					09	22		0000	08	508
23	01	9797	08	07	05	04	02	80	8	71	7	0	0	5	2										
	04	9798	08	08	05	06	05	80	8	71	7	0	0	5	2										
	07	9803	10	10	06	09	04	80	8	05	7	8	5	4											
	10	9808	12	11	06	00	00	50	8	70	2	8	5	5											
	13	9813	10	10	06	00	00	80	8	73	7	8	5	5											
	16	9826	11	10	07	29	08	80	8	71	7	8	5	5											
	19	9839	10	10	05	32	08	40	8	71	7	8	5	5											
	22	9853	09	09	06	34	06	80	8	71	7	8	5	5						29	12		0004	13	06
24	01	9865	08	08	05	34	06	80	8	02	7	8	5	5											
	04	9877	05	05	02	05	08	80	8	70	7	0	0	5	2										
	07	9886	06	06	02	03	05	50	8	05	7	8	5	5											
	10	9887	07	07	03	02	02	60	8	71	7	6	5	5	2										
	13	9891	07	07	03	00	00	40	8	71	7	8	5	5											
	16	9891	07	07	03	00	00	80	8	70	7	8	5	5											
	19	9886	07	06	00	09	15	80	7	01	7	7	5	5	0	0									
	22	9878	04	03	503	09	15	50	1	01	1	1	5	5	0	0				10	21		0002	10	00
25	01	9868	05	05	501	10	17	50	8	02	1	8	5	5											
	04	9858	01	01	506	13	08	80	0	01	1	0	0	9	0	0									
	07	9834	03	02	505	00	00	81	7	03	1	0	0	9	0	0									
	10	9826	05	05	01	17	10	80	8	03	7	0	0	8	7	2									
	13	9827	13	12	08	17	10	16	8	71	7	0	0	5	2										
	16	9826	16	15	11	09	22	00	8	39	7	5	0	4											
	19	9850	22	19	08	22	02	80	7	01	3	0	0	8	7	0									
	22	9862	19	17	10	15	07	80	5	01	2	0	0	8	3	0				10	38		0001	24	502
26	01	9870	18	17	12	08	05	50	8	70	2	0	0	8	1										
	04	9877	16	15	08	07	04	80	6	02	7	0	0	9	0	8									
	07	9889	11	10	04	00	00	81	8	02	2	0	0	9	7	7									
	10	9895	08	07	02	16	07	81	8	02	2	1	5	5	7	5									
	13	9881	08	07	02	15	02	81	5	01	2	2	5	5	0	1									
	16	9875	03	03	502	15	03	80	3	01	1	0	0	9	0	0									
	19	9881	02	02	502	00	00	80	0	01	0	0	0	9	0	7									
	22	9878	03	02	507	00	00	80	8	05	1	0	0	9	0					16	17		0004	20	502
27	01	9874	00	500	505	00	00	80	3	05	1	0	0	9	0	1									
	04	9874	03	03	502	04	05	80	8	05	1	0	0	9	2										
	07	9875	00	500	505	00	00	81	1	01	1	1	5	5	0	0									
	10	9872	500	501	505	16	06	45	0	01	0	1	0	5	0	0									
	13	9866	02	02	503	17	06	81	7	03	1	3	5	5	7										
	16	9850	04	03	504	15	06	45	8	02	2	0	0	9	2										
	19	9853	01	01	502	17	06	16	8	71	7	0	0	5	2										
	22	9854	03	03	501	18	01	15	8	71	7	0	0	4	2					03	13		0000	06	503

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	01	9853	02	02	503	19	02	50	8	71	7	8	5	4											
	04	9852	03	03	501	21	04	50	8	22	7	8	5	4											
	07	9857	05	05	01	18	02	80	8	02	2	7	5	5	2										
	10	9871	04	03	502	16	06	80	7	01	2	7	5	5	0	0									
	13	9871	05	05	00	18	06	80	7	02	2	7	5	5	0	0									
	16	9879	01	00	506	00	00	81	1	01	1	1	5	5	0	0									
	19	9886	503	503	507	00	00	81	0	02	1	0	0	9	0	0									
	22	9888	503	503	507	03	03	81	0	02	0	0	0	9	0	0				18	13		0016	06	506
29	01	9893	507	507	511	00	00	50	0	05	0	0	0	9	0	0									
	04	9901	503	503	507	03	02	50	0	05	0	0	0	9	0	0									
	07	9903	502	503	509	04	06	60	3	03	0	3	5	5	0	0									
	10	9903	501	501	506	04	06	80	3	02	0	3	5	5	0	0									
	13	9898	03	03	00	02	06	80	7	03	1	7	5	5	0	0									
	16	9891	05	04	00	00	00	80	7	02	2	7	5	5	0	0									
	19	9881	05	05	02	00	00	80	8	03	2	8	5	5											
	22	9853	00	00	503	19	06	80	0	02	1	0	0	9	0	0				18	10		0000	07	510
30	01	9839	510	510	517	17	05	80	0	02	1	0	0	9	0	0									
	04	9824	514	514	519	00	00	80	0	02	1	0	0	9	0	0									
	07	9803	517	517	527	03	03	81	0	02	0	0	0	9	0	0									
	10	9784	512	513	520	09	01	81	0	02	0	0	0	9	0	0									
	13	9774	512	513	518	17	03	81	0	02	0	0	0	9	0	0									
	16	9773	514	514	519	35	02	81	0	02	0	0	0	9	0	0									
	19	9783	514	514	519	16	02	81	0	02	0	0	0	9	0	0									
	22	9782	509	509	518	15	06	81	8	03	1	0	0	8	2					19	14		0000	506	520

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LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND							LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	w	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
01	01	9799	510	510	519	19	08	80	6	01	1	0	0	9	3	0									
	04	9814	511	512	521	17	13	80	6	02	2	0	0	8	7	0									
	07	9811	514	514	523	18	14	55	8	71	2	0	0	6	2										
	10	9814	512	512	517	18	10	40	8	71	7	0	0	5	2										
	13	9821	506	506	510	35	04	24	8	70	7	0	0	5	2										
	16	9831	505	506	513	36	10	80	7	22	7	7	5	5	0	0									
	19	9851	507	507	513	34	07	80	8	70	7	0	0	5	2										
	22	9865	508	508	512	00	00	80	8	71	7	0	0	5	2					17	16		0002	502	515
02	01	9889	508	508	512	00	00	80	8	71	7	8	5	5											
	04	9895	510	510	516	18	09	80	8	02	7	8	5	5											
	07	9896	508	508	515	17	07	04	8	78	7	0	5	4	2										
	10	9900	504	504	510	17	08	08	8	78	7	8	5	5											
	13	9924	507	508	515	17	10	40	6	22	7	0	0	8	7	8									
	16	9949	507	507	512	18	03	80	8	02	4	0	0	9	7	8									
	19	9970	503	503	508	04	01	80	2	01	1	0	0	9	0	8									
	22	9987	505	505	512	06	06	80	0	01	0	0	0	9	0	0				18	11		0003	501	512
03	01	9984	510	510	516	00	00	80	0	02	0	0	0	9	0	0									
	04	9987	511	511	518	16	06	80	0	02	0	0	0	9	0	0									
	07	9991	512	512	521	18	05	81	1	02	0	0	0	9	0	5									
	10	9998	512	512	521	17	03	81	3	03	0	0	0	9	0	6									
	13	10006	507	507	511	00	00	81	2	01	0	0	0	9	0	5									
	16	10019	511	511	520	13	02	81	1	01	0	0	0	9	0	2									
	19	10020	513	513	522	16	02	81	0	02	0	0	0	9	0	0									
	22	10013	513	513	519	00	00	81	0	02	0	0	0	9	0	0				15	13		0000	501	515
04	01	10009	513	513	519	00	00	81	0	02	0	0	0	9	0	0									
	04	10012	511	511	521	00	00	81	0	02	0	0	0	9	0	0									
	07	10003	509	510	521	00	00	81	1	03	0	0	0	9	0	5									
	10	9986	506	506	512	10	04	81	8	03	1	8	5	5											
	13	9939	502	503	508	00	00	81	8	02	1	8	5	5											
	16	9870	501	502	508	21	07	08	8	70	2	8	5	4											
	19	9768	11	11	07	09	42	00		39	7														
	22	9774	09	09	06	09	40	00		39	3									09	58		0000	16	514
05	01	9753	10	10	06	09	30	00		39	3														
	04	9739	13	13	10	09	36	00		39	3														
	07	9734	15	15	12	10	32	00		39	3														
	10	9737	17	17	15	09	26	00		39	3														
	13	9748	18	18	16	09	22	04	8	37	3	8	6	3											
	16	9767	16	16	13	10	25	03	8	37	3	8	6	3											
	19	9787	16	16	13	09	18	04	8	38	3	8	5	4											
	22	9807	18	17	12	09	07	40	8	70	3	0	5	5	2					09	52		0000	21	09
06	01	9821	16	16	14	00	00	40	8	71	7	0	0	5	2										
	04	9834	18	16	13	06	06	40	8	71	7	0	0	5	2										
	07	9846	14	14	10	05	06	25	8	71	7	8	5	5											
	10	9856	13	13	09	04	09	55	8	02	7	8	5	5											
	13	9867	15	15	11	07	04	55	8	02	7	8	5	5											
	16	9883	14	14	11	14	04	55	8	02	2	8	5	5											
	19	9892	11	10	03	09	06	55	6	01	2	6	5	5	0	0									
	22	9894	12	11	06	05	02	55	7	02	2	7	5	5	0	0				09	11		0002	21	07
07	01	9912	13	13	09	00	00	55	8	03	2	8	5	5											
	04	9921	10	10	05	18	02	55	8	02	2	8	5	5											
	07	9928	11	10	04	17	05	55	8	02	2	8	5	5											
	10	9934	07	06	02	16	08	80	8	02	2	8	5	5											
	13	9934	06	06	01	20	07	80	8	05	2	8	5	5											
	16	9934	09	09	04	00	00	80	8	05	2	8	5	5											
	19	9929	02	02	502	17	10	80	8	02	2	8	5	5											
	22	9920	500	500	504	18	07	80	7	01	2	7	5	5	0	0				17	11		0000	14	502
08	01	9908	501	501	507	18	05	80	0	01	1	0	0	9	0	0									
	04	9895	01	01	504	00	00	80	0	02	0	0	0	9	0	0									
	07	9879	501	501	504	00	00	80	7	03	1	7	5	5	0	0									
	10	9866	01	01	504	17	06	80	8	03	2	8	5	5											
	13	9847	502	502	506	17	14	80	8	02	2	8	5	5											
	16	9838	503	503	508	18	10	80	8	02	2	8	5	5											
	19	9829	501	501	507	17	04	65	8	02	2	8	5	5											
	22	9827	507	507	514	17	16	55	8	02	2	8	5	5						17	24		0000	03	509
09	01	9824	506	506	514	17	12	55	8	02	2	8	5	5											
	04	9840	510	510	516	17	15	55	8	02	2	8	5	5											
	07	9860	509	510	518	17	10	50	8	05	2	8	5	5											
	10	9879	505	506	513	17	06	55	8	71	2	8	5	5											
	13	9895	506	506	513	17	09	55	8	71	2	8	5	5											
	16	9906	505	505	511	18	06	55	8	71	7	8	5	5											
	19	9925	505	505	513	00	00	80	7	01	7	7	5	5	0	0									
	22	9939	509	509	518	00	00	80	1	01	1	0	0	9	4	0				17	22		0000	502	513

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WILKES – May., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
10	01	9949	507	507	516	06	04	80	1	01	1	0	0	9	4	0									
	04	9969	507	507	515	06	07	80	1	02	0	1	5	5	0	0									
	07	9994	511	511	520	16	03	81	1	02	0	1	5	6	0	0									
	10	9997	510	511	519	20	01	81	0	02	0	0	0	9	0	0									
	13	10000	511	512	524	18	03	81	0	02	0	0	0	9	0	0									
	16	10007	516	516	525	20	11	81	0	02	0	0	0	9	0	0									
	19	10007	517	517	526	18	11	81	0	02	0	0	0	9	0	0				17	28		0000	506	518
	22	10006	518	518	523	17	17	80	0	02	0	0	0	9	0	0									
11	01	10002	518	518	523	17	17	80	1	03	0	1	5	5	0	0									
	04	9983	521	521	528	17	20	80	1	02	0	1	5	5	0	0									
	07	9975	518	518	529	17	23	81	0	02	0	0	0	9	0	0									
	10	9967	515	516	525	17	18	81	1	03	0	0	0	9	7	0									
	13	9960	514	514	524	18	25	80	3	05	0	0	0	9	0	6									
	16	9976	506	506	516	00	00	80	7	03	1	0	0	9	1	8									
	19	9951	509	509	518	00	00	80	8	03	2	0	0	9	1					17	35		0000	01	522
	22	9932	506	506	515	03	08	80	8	02	2	0	0	9	1										
12	01	9890	505	505	512	15	07	80	8	02	2	0	0	9	1										
	04	9832	505	505	510	19	08	55	8	02	2	8	5	5											
	07	9719	09	09	05	10	40	00		39	2														
	10	9715	10	09	06	10	45	00		39	3														
	13	9688	09	09	06	10	40	00		39	3														
	16	9696	10	10	06	09	31	00		39	3														
	19	9713	13	13	09	09	28	04	8	38	3	0	0	8	7					10	63		0000	22	506
	22	9724	17	16	09	20	01	55	8	02	3	8	5	5											
13	01	9721	19	18	14	09	20	55	8	02	3	8	5	5											
	04	9726	18	18	15	09	23	08	8	38	2	8	6	4											
	07	9739	18	18	15	09	25	08	8	36	3	8	6	4											
	10	9737	20	20	19	09	33	08	8	38	3	2	7	4	7										
	13	9715	23	23	21	09	36	06	8	38	3	8	7	4											
	16	9713	23	23	20	09	34	40	5	38	3	5	5	5	0	0									
	19	9722	22	21	17	09	35	40	8	38	3	1	0	5	0	7				09	53		0000	26	21
	22	9695	24	23	19	09	37	04	8	38	3	0	0	5	8										
14	01	9718	22	22	20	09	32	08	8	38	3	3	6	4	2										
	04	9737	24	23	18	09	24	55	8	02	3	8	7	4											
	07	9752	24	22	16	09	26	50	7	02	3	0	0	4	9	7									
	10	9762	25	23	18	09	22	80	8	01	2	1	0	5	5	7	0								
	13	9789	27	25	20	07	20	80	7	02	2	3	0	5	5	7	6								
	16	9818	26	25	22	04	12	45	8	70	2	8	0	5	5	2	0								
	19	9859	23	23	22	02	02	30	8	71	3	0	0	5	5					09	50		0000	33	20
	22	9872	23	22	18	03	12	55	8	02	7	8	5	5											
15	01	9897	23	21	16	06	06	25	8	71	7	0	0	9	1										
	04	9904	21	20	16	00	00	15	8	71	7	8	5	5											
	07	9908	20	20	19	06	04	24	8	71	7	0	5	9	1										
	10	9908	23	21	15	00	00	80	8	02	7	5	5	5	7										
	13	9889	21	20	15	15	03	80	8	71	7	7	0	5	7	2									
	16	9883	21	20	18	06	04	24	8	71	7	0	0	5	6										
	19	9860	15	14	10	18	08	80	8	02	7	2	0	5	6	2				17	21		0005	26	10
	22	9841	12	12	05	18	06	80	8	02	2	8	5	5											
16	01	9822	11	10	02	16	02	80	5	01	2	5	5	7	0	0									
	04	9799	03	03	502	16	02	80	0	01	1	0	0	9	0	0									
	07	9765	02	02	502	16	07	80	1	03	1	1	5	5	0	0									
	10	9715	05	05	02	18	06	81	0	02	0	0	0	9	0	0									
	13	9693	01	01	502	00	00	81	0	02	0	0	0	9	0	0									
	16	9674	01	01	503	18	03	81	7	03	1	7	5	5	0	0									
	19	9656	03	03	502	18	08	81	7	02	2	6	5	5	0	8									
	22	9625	00	500	506	18	08	80	0	01	1	0	5	9	0	0				15	13		0005	13	502
17	01	9607	502	502	508	00	00	80	0	02	1	0	0	9	0	0									
	04	9595	502	503	511	06	04	80	1	02	0	0	5	5	3	0									
	07	9576	03	03	501	08	08	80	8	03	1	8	5	5											
	10	9569	05	05	01	05	09	80	8	02	2	8	5	5											
	13	9580	04	04	01	03	13	80	8	02	2	8	5	5											
	16	9599	02	02	502	03	14	80	7	02	2	7	5	5	0	0									
	19	9620	502	502	508	04	11	80	7	02	2	7	5	5	0	0				01	21		0000	08	506
	22	9637	505	505	509	02	09	80	2	01	1	2	5	5	0	0									
18	01	9657	504	504	510	00	00	80	8	02	1	8	5	5											
	04	9676	501	501	507	04	04	50	8	70	2	8	5	5											
	07	9699	00	500	507	04	10	80	8	02	7	8	5	5											
	10	9723	01	00	506	00	00	80	8	02	2	8	5	5											
	13	9735	00	501	509	05	07	80	8	02	2	8	5	5											
	16	9747	501	501	506	17	08	80	4	01	1	4	5	4	0	0									
	19	9779	503	503	508	14	03	81	0	01	0	0	0	9	0	0							0000	02	507
	22	9807	506	506	514	04	04	80	0	02	0	0	0	9	0	0									

Results of Surface Observations,
WILKES – May., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	01	9828	505	505	514	12	04	80	0	02	0	0	0	9	0	0									
	04	9845	506	506	513	00	00	80	0	02	0	0	0	9	0	0									
	07	9854	510	510	515	18	02	80	0	02	0	0	0	9	0	0									
	10	9848	510	510	518	21	04	81	1	03	0	0	0	9	0	5									
	13	9837	510	510	518	00	00	81	2	03	0	0	0	9	0	5									
	16	9822	510	510	517	00	00	81	1	02	0	0	0	9	0	5									
	19	9820	514	514	522	03	02	82	0	02	1	0	0	9	0	0									
	22	9823	509	509	516	00	00	81	0	02	0	0	0	9	0	0				16	08		0000	502	514
20	01	9835	509	509	518	00	00	81	0	02	0	0	0	9	0	0									
	04	9836	507	508	516	00	00	80	0	02	0	0	0	9	0	0									
	07	9819	509	509	515	00	00	80	6	03	1	0	0	9	0	8									
	10	9804	505	506	513	17	01	80	7	03	2	0	0	8	7	0									
	13	9767	501	502	511	18	05	80	8	03	2	0	0	8	7										
	16	9763	501	502	509	16	02	80	8	05	2	0	0	8	7										
	19	9796	01	01	504	00	00	40	8	71	7	0	0	8	1										
	22	9829	04	04	501	30	11	40	8	71	7	0	0	8	1					30	15		0000	06	513
21	01	9863	02	02	503	34	09	40	8	71	7	8	5	6											
	04	9887	00	500	505	04	10	40	8	71	7	8	5	5											
	07	9899	505	505	513	04	09	80	1	01	7	1	5	5	0	1									
	10	9896	506	506	513	13	01	81	2	03	7	1	5	5	0										
	13	9857	503	503	509	00	00	30	8	71	7	0	5	5	2										
	16	9832	502	503	506	18	10	40	8	71	7	8	5	5											
	19	9788	502	502	507	22	05	80	3	01	7	3	5	5	0	0									
	22	9752	503	503	508	04	10	80	8	02	2	8	5	5						04	16		0008	04	508
22	01	9753	00	00	506	36	10	80	7	03	1	0	0	9	0	6									
	04	9747	504	504	510	01	05	80	0	01	1	0	5	5	0	0									
	07	9740	504	504	509	22	09	80	1	03	1	0	5	5	0	0									
	10	9740	507	507	517	26	11	81	1	02	0	1	5	5	0	0									
	13	9750	509	510	516	00	00	81	1	02	0	1	5	5	0	0									
	16	9765	510	510	516	04	03	80	5	03	1	1	5	5	0	0									
	19	9776	506	507	514	13	06	80	0	01	1	0	0	9	0	0									
	22	9787	512	513	515	06	11	80	0	02	1	0	0	9	0	0				07	19		0000	01	513
23	01	9799	510	511	517	04	14	80	0	02	0	0	0	9	0	0									
	04	9812	513	513	522	04	10	80	0	02	0	0	0	9	0	0									
	07	9828	508	508	516	06	11	81	1	03	0	0	0	9	0	8									
	10	9842	511	511	517	19	05	55	8	03	1	8	5	5											
	13	9821	507	507	515	19	09	81	8	02	1	8	5	5											
	16	9781	04	04	502	10	22	24	8	38	2	8	5	5											
	19	9756	07	07	02	10	17	16	8	38	3	8	5	5											
	22	9753	11	10	03	22	14	40	8	71	3	0	0	5	2					10	39		0000	15	515
24	01	9779	09	08	05	21	06	24	8	71	7	0	0	5	2										
	04	9794	06	06	02	18	05	24	8	71	7	0	0	5	2										
	07	9815	05	05	02	00	00	55	4	70	7	0	5	5	2										
	10	9834	506	506	510	00	00	25	3	10	7	2	5	5	3	0									
	13	9837	02	02	502	18	02	80	8	03	2	8	5	5											
	16	9842	05	04	03	00	00	80	2	01	1	2	5	6											
	19	9854	11	10	04	11	06	80	0	01	1	0	5	9	0	0									
	22	9852	15	15	12	21	16	24	8	71	1	0	0	5	2					10	32		0018	20	507
25	01	9836	18	18	16	09	26	00		39	7														
	04	9822	17	17	15	09	32	00		39	3														
	07	9807	14	14	10	11	39	00		39	3														
	10	9775	16	16	13	11	38	00		39	3														
	13	9762	21	19	10	11	30	60	8	02	3	1	8	4											
	16	9766	16	15	11	17	11	80	8	02	2	8	5	6											
	19	9740	15	14	09	18	11	80	8	02	2	8	5	5											
	22	9698	12	12	07	17	12	80	8	02	2	8	5	5						11	55		0000	22	08
26	01	9671	13	12	06	17	04	80	0	01	1	0	0	9	0	0									
	04	9665	08	08	03	04	06	80	0	02	0	0	0	9	0	0									
	07	9700	14	13	08	05	17	80	4	03	0	4	5	5	0	0									
	10	9755	13	13	10	04	13	40	8	71	7	8	5	5											
	13	9780	14	14	11	03	10	50	8	71	7	8	5	5											
	16	9817	13	13	10	02	08	40	8	71	7	8	5	5											
	19	9849	14	13	08	01	04	40	8	71	7	8	5	5											
	22	9881	14	14	11	03	03	40	8	71	7	8	5	5						04	27		0000	16	09
27	01	9911	13	13	09	00	00	40	8	71	7	8	5	5											
	04	9935	14	13	09	00	00	60	8	02	7	8	5	5											
	07	9961	09	09	07	36	02	80	7	01	7	7	5	5	0	0									
	10	9974	06	06	02	03	04	80	7	03	2	7	5	5											
	13	9993	03	03	501	01	02	55	7	01	2	8	5	5	0	0									
	16	9998	501	501	505	04	06	80	8	03	2	8	5	5											
	19	10007	502	502	506	04	02	55	8	02	2	8	5	5											
	22	10000	503	503	510	00	00	80	0	01	1	0	0	9	0	0				04	06		0000	15	504

Results of Surface Observations,
WILKES – May., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
28	01	9993	04	03	00	16	03	80	8	03	1	8	5	5											
	04	9980	07	07	03	00	00	80	8	02	2	8	5	5											
	07	9959	12	12	08	01	08	55	8	70	7	8	5	5											
	10	9948	14	13	08	30	09	55	8	02	7	8	5	5											
	13	9922	15	14	09	07	16	80	6	38	7	3	5	5	7	0									
	16	9904	14	13	08	09	21	25	8	36	3	5	5	6	7										
	19	9877	16	15	10	07	20	04	4	38	3	4	5	6	0	0				09	43		0000	19	02
	22	9836	16	16	12	09	32	00		39	3														
29	01	9818	15	15	12	09	36	00		39	3														
	04	9810	15	15	11	09	30	01	8	39	3	8	5	5											
	07	9807	17	15	10	12	20	55	8	36	3	8	5	5											
	10	9808	10	10	06	22	05	80	8	02	3	8	5	5											
	13	9802	08	07	01	00	00	81	8	02	3	4	5	6	0	8									
	16	9807	03	03	501	00	00	81	7	01	2	0	0	9	3	8									
	19	9807	01	01	503	00	00	81	0	02	1	0	0	9	0	0				10	47		0000	21	00
	22	9803	07	07	02	04	08	80	8	03	1	8	5	5											
30	01	9794	07	07	03	04	04	80	8	02	1	8	5	5											
	04	9783	04	04	01	00	00	80	8	02	2	8	5	5											
	07	9784	06	06	02	04	04	81	8	02	2	8	5	5											
	10	9777	03	03	502	16	02	81	8	70	2	1	8	4											
	13	9764	04	04	501	00	00	81	8	02	2	8	5	5											
	16	9759	04	04	502	04	09	80	8	02	2	8	5	5											
	19	9749	00	500	505	18	04	80	4	01	1	4	5	5	0	0									
	22	9741	02	01	503	03	10	80	8	03	1	8	5	5						03	14		0000	09	501
31	01	9737	02	02	503	02	08	80	8	02	1	8	5	5											
	04	9739	02	02	503	03	10	55	8	02	2	8	5	5											
	07	9749	02	02	503	02	06	80	8	02	2	8	5	5											
	10	9756	01	01	504	05	10	60	8	71	7	8	5	5											
	13	9774	502	502	506	03	16	08	8	38	7	8	5	5											
	16	9795	504	505	511	02	12	24	8	38	3	8	5	5											
	19	9813	505	505	513	03	08	80	8	02	3	8	5	5											
	22	9824	506	506	511	02	02	80	6	70	7	6	5	5	0	0				02	23		0000	04	506

Results of Surface Observations,
WILKES — Jun., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	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	9839	507	507	513	03	02	80	3	70	7	3	5	5	0	0									
	04	9851	506	507	512	05	03	55	7	03	7	7	5	5	0	0									
	07	9859	511	511	520	11	06	80	1	01	7	1	5	5	0	1									
	10	9872	509	510	520	03	04	81	2	02	0	1	5	5	0	6									
	13	9877	511	511	519	00	00	81	7	03	1	0	5	7	2	8									
	16	9887	507	507	516	00	00	81	8	03	2	0	0	7	7										
	19	9889	507	508	518	18	02	80	8	02	0	0	0	7	9										
	22	9877	509	510	519	15	02	80	0	01	1	0	0	9	0	0				11	14		0003	505	514
02	01	9853	513	513	518	19	01	80	0	02	1	0	0	9	0	0									
	04	9810	512	512	521	21	06	80	0	02	0	1	0	9	0	0									
	07	9765	506	507	517	19	08	80	8	03	1	8	5	5											
	10	9722	10	10	03	12	10	50	8	05	3	1	8	5											
	13	9691	13	12	06	10	15	04	8	37	2	8	5	5											
	16	9660	11	10	06	10	35	00		38	3														
	19	9662	12	11	06	09	34	04	8	38	3	8	5	5											
	22	9673	10	09	06	19	17	80	8	02	3	8	5	5						09	49		0000	16	514
03	01	9685	13	13	09	19	04	55	7	71	3	7	5	5	0	0									
	04	9685	12	12	07	00	00	55	8	03	7	8	5	5											
	07	9679	14	12	04	12	07	80	7	02	7	7	5	5	0	0									
	10	9683	16	14	05	00	00	81	6	02	2	4	5	6	0	1									
	13	9692	15	15	11	00	00	06	8	72	2	0	5	5	2										
	16	9711	15	14	09	18	04	80	8	02	7	8	5	5											
	19	9721	16	15	13	15	04	80	8	02	2	8	5	5											
	22	9736	13	12	05	17	08	80	7	01	2	7	5	5	0	0				04	23		0000	20	11
04	01	9741	16	14	06	00	00	55	6	01	2	6	5	5	0	0									
	04	9737	11	10	02	11	10	80	0	01	1	0	0	9	0	0									
	07	9732	10	09	00	12	04	80	0	02	0	0	0	9	0	0									
	10	9728	02	01	507	00	00	80	0	05	0	0	0	9	0	1									
	13	9719	01	01	507	00	00	81	1	03	0	0	0	9	0	0									
	16	9720	01	01	505	00	00	81	0	02	0	0	0	9	0	2									
	19	9729	500	500	505	36	06	81	1	02	0	0	0	9	0	2									
	22	9734	01	00	505	00	00	81	1	02	0	0	0	9	0	2				10	16		0010	18	505
05	01	9740	502	502	505	06	02	81	1	03	0	0	0	9	0	8									
	04	9749	505	505	510	04	03	81	0	01	0	0	0	9	0	0									
	07	9772	505	505	511	04	04	50	0	05	0	0	0	9	0	0									
	10	9790	510	510	520	04	03	81	0	02	0	0	0	9	0	0									
	13	9803	505	506	512	05	06	81	0	02	0	0	0	9	0	0									
	16	9826	513	514	525	02	06	81	1	02	0	0	1	9	0	0									
	19	9861	514	514	519	05	02	81	0	02	0	0	0	9	0	0									
	22	9883	515	515	526	00	00	81	0	02	0	0	0	9	0	0				06	08		0000	02	517
06	01	9896	515	515	522	00	00	80	0	02	0	0	0	9	0	0									
	04	9906	516	516	521	05	02	80	0	02	0	0	0	9	0	0									
	07	9925	519	519	530	21	02	81	1	02	0	0	0	9	0	5									
	10	9928	514	514	521	02	06	81	2	03	0	0	0	9	0	6									
	13	9931	509	510	525	12	02	81	1	02	0	0	0	9	0	6									
	16	9926	510	511	516	18	02	81	0	02	0	0	0	9	0	0									
	19	9918	513	513	522	00	00	81	0	01	0	0	0	9	0	0									
	22	9898	517	517	526	21	02	80	1	02	0	0	0	9	0	5				09	09		0000	506	526
07	01	9868	518	518	523	00	00	80	3	03	0	0	0	9	0	6									
	04	9821	515	515	526	17	05	80	7	03	1	0	0	9	0	6									
	07	9793	505	506	519	00	00	80	1	01	1	0	0	9	0	8									
	10	9760	510	511	522	00	00	80	7	03	1	0	0	9	0	6									
	13	9712	517	517	522	02	04	81	7	03	2	0	0	9	0	6									
	16	9708	514	514	525	00	00	81	7	02	2	0	0	9	0	8									
	19	9713	511	511	515	09	03	80	4	01	1	0	0	9	0	8									
	22	9692	511	511	516	09	03	80	8	03	2	0	5	9	1					16	28		0000	04	524
08	01	9673	508	508	512	08	05	40	8	05	2	0	5	8	2										
	04	9673	512	512	517	05	12	40	8	05	2	8	5	6											
	07	9677	514	514	522	04	05	80	7	02	2	6	5	5	0	6									
	10	9691	519	519	526	04	04	81	1	01	1	1	5	6	0	5									
	13	9702	515	515	523	12	02	80	6	03	1	6	5	5	0	0									
	16	9717	522	522	527	04	02	80	1	01	1	1	5	5											
	19	9712	514	514	524	18	10	55	8	03	1	8	5	5											
	22	9700	513	513	518	17	15	40	8	70	2	8	5	5						17	18		0000	507	523
09	01	9698	509	509	517	18	04	50	8	70	2	8	5	5											
	04	9685	508	508	516	22	02	50	8	02	2	8	5	5											
	07	9675	506	506	512	00	00	80	8	02	2	8	5	5											
	10	9677	505	505	511	00	00	55	8	70	2	8	5	5											
	13	9687	506	506	515	00	00	55	8	71	7	8	5	5											
	16	9715	509	510	517	31	11	55	7	01	7	7	5	5	0	0									
	19	9740	511	511	517	34	08	55	7	02	7	7	5	5	0	0									
	22	9775	512	512	518	04	03	50	2	01	7	0	5	8	4	0				30	19		0000	504	521

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	01	9812	516	516	524	07	08	80	8	03	1	0	0	9	0	7									
	04	9848	512	512	523	02	10	80	8	02	2	0	0	9	0	7									
	07	9876	511	511	518	18	13	80	8	02	2	0	0	8	1										
	10	9892	509	510	518	18	06	80	8	02	2	8	5	5											
	13	9881	07	06	502	20	08	45	8	36	2	8	5	5											
	16	9861	07	07	04	10	38	00		39	3														
	19	9855	11	11	05	10	36	00		39	3														
	22	9853	13	12	07	10	35	00		39	3									09	54		0000	16	517
11	01	9837	15	15	11	09	35	01	7	38	3	7	5	5	0	0									
	04	9830	17	16	12	10	34	03	8	38	3	3	0	8	1										
	07	9831	19	18	15	09	32	06	8	38	3	3	7	5	1										
	10	9831	21	19	15	09	28	80	7	36	3	4	7	5	2	0									
	13	9818	21	19	12	10	22	80	7	02	3	2	7	4	2	0									
	16	9808	20	18	11	18	05	81	8	02	2	8	6	4											
	19	9785	18	18	16	15	08	55	8	70	7	8	5	5											
	22	9746	10	10	06	20	03	81	5	01	2	0	0	8	3	0				10	50		0000	24	06
12	01	9710	05	05	02	00	00	81	1	01	1	0	0	8	3	0									
	04	9699	10	09	04	03	12	81	3	02	0	0	0	8	3	0									
	07	9693	09	09	05	03	12	81	7	03	1	3	6	4	0	0									
	10	9705	10	10	06	04	10	55	7	02	2	7	5	5	0	0									
	13	9718	07	07	03	02	16	80	7	02	2	7	5	5	0	0									
	16	9744	04	04	501	03	07	81	7	02	2	7	6	2	0	0									
	19	9762	02	01	507	04	04	81	2	01	1	2	5	6	0	0									
	22	9774	04	04	00	03	08	80	8	03	1	8	5	5						04	21		0000	14	00
13	01	9805	04	04	00	05	10	80	8	02	2	8	5	5											
	04	9827	05	05	01	06	06	80	8	02	2	0	7	1	1										
	07	9849	04	04	00	04	08	80	8	02	2	8	6	2											
	10	9864	05	05	01	03	08	40	8	10	2	8	6	2											
	13	9870	01	01	502	04	06	55	8	02	7	2	6	3											
	16	9865	500	500	504	00	00	55	1	01	1	1	5	5	0	0									
	19	9849	06	06	501	04	03	80	1	02	0	1	5	5	0	0									
	22	9818	10	08	01	09	24	80	1	03	0	0	0	9	0	5				09	35		0000	12	503
14	01	9774	13	12	08	09	28	08	0	38	3	0	0	9	0	0									
	04	9745	13	13	08	09	34	04	8	38	3	0	0	7	2										
	07	9739	14	14	10	10	30	00		39	3														
	10	9733	15	14	07	12	25	45	8	38	3	8	5	4											
	13	9728	17	15	06	11	30	81	8	02	3	0	0	8	7										
	16	9723	14	13	08	11	34	55	7	01	2	0	0	8	7	0									
	19	9751	19	17	05	14	18	81	7	02	2	7	5	5	0	0									
	22	9768	19	18	12	00	00	80	8	02	2	8	6	4						13	49		0000	22	10
15	01	9792	12	11	05	18	07	80	8	71	7	0	0	7	2										
	04	9812	14	14	12	18	02	55	8	71	7	0	0	7	2										
	07	9830	11	10	06	00	00	81	2	01	7	2	5	5	0	0									
	10	9840	11	10	02	09	07	81	1	02	1	1	5	5	0	0									
	13	9857	11	10	02	05	06	81	2	02	0	2	5	5	0	0									
	16	9874	13	12	04	06	04	55	7	03	1	7	5	5	0	0									
	19	9881	14	13	07	00	00	80	8	05	1	8	6	4											
	22	9878	15	13	07	00	00	80	3	01	1	3	5	5	0	0				09	15		0000	16	04
16	01	9865	16	15	08	06	10	80	3	02	0	0	0	9	0	1									
	04	9858	10	10	05	00	00	80	8	03	1	8	5	5											
	07	9853	05	05	02	05	03	80	8	01	1	0	0	9	0	7									
	10	9841	05	05	01	19	03	81	8	03	2	8	5	5											
	13	9833	11	10	01	04	02	81	8	02	2	7	5	5	2	0									
	16	9831	13	12	02	09	01	80	1	01	1	1	5	5	0	0									
	19	9826	07	07	02	16	07	80	0	02	1	0	0	5	0	0									
	22	9823	07	06	00	18	04	80	8	03	1	8	5	5						08	19		0000	18	02
17	01	9826	08	07	00	18	09	80	8	02	2	0	0	7	2										
	04	9820	17	17	12	09	12	40	8	38	7	0	0	7	2										
	07	9846	11	11	08	18	07	06		71	7														
	10	9853	10	10	08	18	03	24	8	71	7	5	5	5	2										
	13	9863	12	11	07	20	03	08	8	73	7	7	0	4	2										
	16	9868	10	10	06	20	04	08	8	71	7	0	0	4	2										
	19	9872	11	11	07	05	03	55	8	70	7	8	5	5											
	22	9878	07	07	03	00	00	55	8	71	7	8	5	5						09	22		0005	18	04
18	01	9886	03	03	501	00	00	80	3	01	7	3	5	5	0	0									
	04	9893	505	505	511	00	00	80	0	01	0	0	0	9	0	0									
	07	9889	507	507	511	00	00	81	0	02	0	0	0	9	0	0									
	10	9889	508	508	513	18	06	81	0	02	0	0	0	9	0	0									
	13	9868	506	506	512	17	14	50	2	05	0	0	0	9	0	5									
	16	9860	509	509	515	16	06	50	2	05	0	0	0	9	0	0									
	19	9876	511	511	517	00	00	50	0	05	0	0	0	9	0	0									
	22	9875	513	513	519	00	00	80	0	02	0	0	0	9	0	0				16	23		0025	08	524

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	01	9852	509	509	514	15	01	80	0	02	0	0	0	9	0	0									
	04	9832	519	519	524	00	00	80	0	02	0	0	0	9	0	0									
	07	9826	515	515	520	18	06	81	0	02	0	0	0	9	0	0									
	10	9820	519	519	524	18	08	81	0	02	0	0	0	9	0	0									
	13	9824	518	518	524	18	05	81	1	03	0	1	5	5	0	0									
	16	9833	516	516	521	00	00	81	0	02	0	0	0	9	0	0									
	19	9854	508	508	513	15	08	81	0	02	0	0	0	9	0	0									
	22	9878	01	00	504	02	06	80	0	02	0	0	0	9	0	0				16	11		0000	03	520
20	01	9907	03	02	503	00	00	80	8	03	1	0	0	9	0	7									
	04	9920	02	02	502	00	00	80	8	02	2	0	0	9	0	7									
	07	9906	01	01	502	00	00	80	7	03	2	7	5	7	0	0									
	10	9882	500	501	508	17	08	80	8	02	2	0	0	8	3	8									
	13	9830	08	07	502	21	03	60	8	02	2	0	0	8	2										
	16	9750	15	15	12	10	40	00		39	2														
	19	9686	15	15	12	10	46	00		39	3														
	22	9649	17	16	13	09	35	00		39	3									10	66		0000	18	503
21	01	9654	18	18	15	09	36	00		39	3														
	04	9656	18	18	16	10	14	40	8	72	3	0	0	5	2										
	07	9661	16	16	14	09	03	81	8	02	7	8	5	5											
	10	9664	16	16	13	00	00	60	8	02	2	0	0	8	7										
	13	9689	15	15	11	04	06	81	8	02	2	1	1	2	2										
	16	9730	15	15	13	03	08	81	8	02	2	8	6	4											
	19	9788	15	15	13	34	12	80	8	70	2	0	0	4	2										
	22	9846	09	09	06	32	12	80	8	02	7	8	5	5						09	38		0000	24	06
22	01	9920	03	03	501	01	12	80	8	02	7	8	5	5											
	04	9964	500	500	504	03	08	55	8	02	2	8	5	4											
	07	9990	501	502	507	05	08	80	8	02	7	8	5	4											
	10	10028	510	511	516	08	09	80	8	02	2	8	5	5											
	13	10040	507	507	515	06	05	80	8	02	2	8	5	5											
	16	10048	503	504	508	00	00	40	8	70	2	5	7	4	1										
	19	10058	501	501	507	18	06	40	8	71	7	7	6	5	1	0									
	22	10058	500	500	505	18	06	40	8	71	7	8	5	5						01	16		0002	15	512
23	01	10052	03	03	502	17	08	80	8	02	2	8	5	5											
	04	10051	02	01	503	03	02	80	8	02	2	8	5	5											
	07	10036	501	501	507	05	03	55	8	02	2	8	6	4											
	10	10034	500	501	505	00	00	04	8	49	4	8	6	0											
	13	10023	506	506	510	00	00	30	1	10	4	1	6	3	0	0									
	16	10014	509	509	517	18	01	80	2	01	0	2	6	4	0	0									
	19	10000	514	514	519	00	00	40	0	05	0	0	0	9	0	0									
	22	9986	511	511	519	03	03	80	0	02	0	0	0	9	0	0				17	09		0000	03	515
24	01	9969	509	509	515	00	00	55	0	05	0	0	0	9	0	0									
	04	9958	512	513	521	08	02	55	8	05	1	0	0	8	2	0									
	07	9958	520	520	526	00	00	81	0	02	2	0	0	9	0	0									
	10	9953	518	518	529	00	00	81	0	02	0	0	0	9	0	0									
	13	9949	519	519	524	18	08	40	2	05	0	0	6	4	0	0									
	16	9940	522	522	531	18	02	80	0	01	0	0	0	9	0	0									
	19	9934	512	512	519	00	00	80	0	02	0	0	0	9	0	0									
	22	9919	510	510	521	17	04	80	8	03	1	8	5	5						17	13		0000	509	523
25	01	9921	514	514	519	17	11	80	8	02	1	8	5	5											
	04	9911	514	514	519	17	08	80	8	02	2	8	5	5											
	07	9907	513	513	518	18	07	55	8	71	7	8	5	5											
	10	9906	510	510	515	31	05	50	8	71	7	8	6	4											
	13	9912	512	512	518	18	03	70	8	71	7	0	0	3	2										
	16	9917	509	509	516	00	00	40	8	71	7	0	0	3	2										
	19	9916	509	509	514	09	05	50	8	05	7	8	6	4											
	22	9916	510	510	516	09	09	80	8	02	2	8	5	5						17	16		0000	508	515
26	01	9910	510	511	517	07	05	80	8	02	2	8	5	5											
	04	9899	509	509	515	03	01	80	8	02	2	8	5	5											
	07	9894	512	513	520	13	06	80	2	01	1	0	0	9	0	5									
	10	9890	513	513	518	16	10	80	8	03	2	0	0	9	7										
	13	9887	511	511	517	18	07	80	8	02	2	0	0	9	7										
	16	9881	512	513	521	18	04	80	3	01	1	0	0	9	7	0									
	19	9880	517	517	523	20	02	80	0	01	1	0	0	9	0	0									
	22	9876	512	512	519	18	02	80	0	02	0	0	0	9	0	0				15	15		0000	509	519
27	01	9886	508	509	515	26	04	80	0	02	0	0	0	9	0	0									
	04	9890	509	509	516	26	03	80	0	02	0	0	0	9	0	0									
	07	9903	513	513	520	00	00	81	0	02	0	0	0	9	0	0									
	10	9922	517	517	525	18	02	81	0	02	0	0	0	9	0	0									
	13	9921	518	518	523	24	04	81	2	03	0	0	0	9	0	5									
	16	9933	518	518	525	00	00	81	3	02	0	0	0	9	0	8									
	19	9937	515	515	522	05	04	80	0	01	0	0	0	9	0	0									
	22	9939	509	509	516	20	02	80	8	31	0	0	0	9	0	7				06	21		0000	508	520

Results of Surface Observations,
WILKES – Jun., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	01	9925	10	09	01	21	08	80	8	02	1	0	0	9	0	7									
	04	9920	09	08	501	21	06	80	8	02	2	0	0	9	0	7									
	07	9916	09	08	03	18	10	80	3	01	1	0	0	9	0	8									
	10	9927	03	03	501	21	04	81	7	03	1	0	0	9	7	0									
	13	9929	09	09	05	19	02	80	8	02	1	0	8	5											
	16	9927	10	10	06	18	06	80	8	02	2	8	5	5											
	19	9901	17	17	14	09	26	55	8	36	2	8	5	5						09	49		0000	25	04
	22	9843	20	19	17	08	33	02	8	38	3	8	5	5											
29	01	9869	19	19	17	09	40	00		39	3														
	04	9725	19	19	17	09	50	00		39	3														
	07	9706	20	20	18	09	50	00		39	3														
	10	9686	19	18	17	08	47	00		39	3														
	13	9685	17	16	14	09	40	00		39	3														
	16	9706	21	21	18	08	25	02	8	38	3	8	6	3											
	19	9737	23	23	19	07	22	03	8	38	3	0	0	8	9					09	73		0000	24	16
	22	9761	24	23	21	05	20	02	8	38	3	8	5	4											
30	01	9780	24	24	22	05	19	02	8	38	3	8	6	4											
	04	9791	24	24	21	06	21	08	8	36	3	8	5	5											
	07	9799	24	23	20	07	16	24	5	36	3	3	5	5	0	8									
	10	9795	24	23	21	09	20	40	8	38	3	2	7	4	9										
	13	9785	21	21	19	09	20	08	8	39	3	2	7	4	9										
	16	9800	22	22	21	00	00	16	8	71	3	0	0	5	2										
	19	9817	20	20	18	06	01	40	8	71	7	0	0	5	2										
	22	9824	20	19	16	24	10	25	8	71	7	0	0	5	2					09	32		0000	25	18

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	w	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	01	9816	19	18	15	25	11	15	8	71	7	0	0	5	2										
	04	9800	17	17	14	28	04	25	6	71	7	6	5	5	0	7									
	07	9787	14	13	11	09	04	60	8	03	7	5	5	5	7	5									
	10	9768	13	12	07	11	09	81	6	01	2	3	5	5	0	7									
	13	9758	15	13	05	12	12	55	6	01	2	3	5	5	7	0									
	16	9748	09	08	01	21	02	80	8	01	2	0	0	0	2	0									
	19	9749	10	09	502	00	00	80	7	01	2	0	0	0	0	8				24	20		0022	20	05
	22	9745	06	05	504	00	00	80	5	02	2	0	0	0	7	8									
02	01	9744	05	04	503	09	04	80	5	02	2	0	0	9	0	8									
	04	9743	07	07	02	15	02	80	8	02	2	0	0	8	7	8									
	07	9752	08	07	02	18	08	80	8	02	2	0	0	7	2										
	10	9768	10	09	03	15	02	80	8	02	2	0	8	4											
	13	9782	09	08	502	11	07	55	8	02	2	6	6	4											
	16	9796	04	04	502	09	04	55	6	01	2	0	8	5	1	0									
	19	9804	05	04	503	05	11	55	8	03	2	8	5	5											
	22	9818	04	04	00	33	12	80	8	02	2	5	5	5	1					04	21		0000	12	01
03	01	9827	08	07	500	32	07	80	2	01	2	2	5	5	0	0									
	04	9831	00	00	504	04	12	80	0	02	0	0	0	9	0	0									
	07	9826	502	502	506	04	10	80	2	03	0	2	5	5	0	0									
	10	9822	502	502	506	03	08	81	6	03	2	6	5	5	0	0									
	13	9811	506	506	510	04	08	81	8	02	2	8	5	5											
	16	9804	509	509	518	03	03	55	2	01	1	0	5	5	0	8									
	19	9781	503	503	508	07	09	80	7	03	1	7	5	5	1	0									
	22	9769	501	502	507	18	03	80	8	71	2	0	0	7	1					33	17		0000	08	509
04	01	9764	503	503	509	09	07	40	8	71	1	8	6	4											
	04	9769	503	503	509	19	03	80	8	71	7	0	0	7	1	0									
	07	9782	506	506	511	03	04	80	3	70	7	0	0	7	2	0									
	10	9788	505	505	512	30	08	80	1	01	0	1	5	5	0	0									
	13	9786	514	514	519	04	09	81	2	02	0	1	1	4	3	0									
	16	9783	514	514	520	05	10	81	2	02	1	2	6	3	0	0									
	19	9772	510	510	519	03	09	80	8	70	1	0	0	4	2										
	22	9756	509	509	515	03	08	80	8	71	7	0	0	4	2					03	15		0001	00	516
05	01	9746	510	511	518	03	07	40	8	71	7	0	0	7	1										
	04	9747	514	514	522	03	12	80	6	01	7	0	0	7	1	0									
	07	9757	520	520	525	04	08	80	0	02	7	0	0	9	0	0									
	10	9762	520	520	527	09	03	55	8	03	1	8	5	5											
	13	9767	522	522	528	17	05	80	6	02	1	6	5	5	0	0									
	16	9771	522	522	528	11	06	80	1	02	1	1	5	5	0	0									
	19	9774	521	521	527	10	07	80	4	03	1	1	5	4	0	0									
	22	9772	524	524	530	21	02	80	0	01	0	0	0	9	0	0				03	18		0000	508	531
06	01	9770	529	529	535	00	00	80	0	02	0	0	0	9	0	0									
	04	9775	522	522	528	09	08	80	0	02	0	0	0	9	0	0									
	07	9799	530	530	536	02	04	80	1	03	0	1	5	5	0	0									
	10	9816	526	526	532	00	00	80	7	03	0	1	0	8	4	6									
	13	9828	520	520	527	18	01	81	7	02	1	0	0	8	1	6									
	16	9834	518	519	529	00	00	80	8	03	2	0	0	7	1										
	19	9850	516	516	521	00	00	80	8	02	2	0	0	7	7										
	22	9855	517	517	524	15	08	80	4	01	1	4	0	7	7	0				18	12		0000	514	533
07	01	9847	516	516	525	14	06	80	6	03	1	3	5	5	7	0									
	04	9845	518	518	528	14	05	80	4	01	1	0	0	7	7	6									
	07	9841	519	519	530	18	08	80	2	01	1	0	0	9	0	5									
	10	9828	521	521	526	00	00	80	1	02	0	0	0	8	4	0									
	13	9817	518	518	525	04	09	81	1	02	0	0	0	5	3	0									
	16	9808	520	520	525	00	00	81	1	01	0	1	0	5	0	0									
	19	9800	523	523	529	01	02	81	0	02	0	0	0	9	0	0									
	22	9785	526	526	532	00	00	81	0	02	0	0	0	9	0	0				15	14		0000	512	530
08	01	9771	521	521	527	05	06	81	2	03	0	2	5	4	0	0									
	04	9760	524	524	530	04	06	81	0	01	0	0	0	9	0	0									
	07	9758	527	527	532	00	00	81	4	02	0	0	0	9	3	0									
	10	9757	527	527	535	06	05	25	8	10	0	0	0	7	3	0									
	13	9744	524	524	534	09	03	24	8	10	4	0	0	7	3										
	16	9734	519	520	530	06	06	55	8	02	2	0	0	7	3										
	19	9728	521	521	526	05	05	80	8	02	2	0	0	7	3										
	22	9718	520	520	525	00	00	80	8	02	2	8	6	4						03	11		0000	519	532
09	01	9694	521	521	527	21	02	60	0	01	1	0	0	9	0	0									
	04	9666	523	523	529	06	02	81	0	01	1	0	0	9	0	4									
	07	9633	525	525	536	00	00	81	1	02	0	0	0	9	0	0									
	10	9594	521	521	527	06	06	81	1	02	0	1	5	5	0	0									
	13	9575	521	521	526	05	07	40	1	10	0	2	5	3	0	0									
	16	9595	523	523	528	02	12	25	2	10	0	0	6	9	0	0									
	19	9640	518	518	524	05	21	08	0	36	0	0	0	9	0	0									
	22	9692	517	518	526	04	16	80	2	02	3	0	0	0	0	6				06	32		0000	515	532

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
10	01	9727	520	520	525	00	00	80	7	03	1	0	0	9	0	6									
	04	9740	522	522	528	03	04	80	2	01	1	0	0	7	3	0									
	07	9736	521	521	526	04	03	80	1	01	0	1	5	5	0	0									
	10	9739	528	528	536	03	05	81	0	02	0	0	0	9	0	0									
	13	9740	522	522	528	04	05	81	0	02	0	0	0	9	0	0									
	16	9748	528	528	534	02	02	80	0	02	0	0	0	9	0	0									
	19	9759	526	526	532	05	05	80	0	02	0	0	0	9	0	0									
	22	9768	525	525	531	06	06	80	2	03	0	0	0	7	7	0				06	10		0000	517	530
11	01	9795	522	522	528	08	07	55	8	03	1	0	0	9	1										
	04	9823	523	523	528	01	07	55	4	01	1	0	0	9	1	0									
	07	9852	523	523	529	04	06	80	1	01	1	1	6	4	0	0									
	10	9896	527	527	533	04	05	80	0	01	0	0	0	9	0	0									
	13	9928	527	527	533	04	07	80	1	02	0	0	0	9	0	5									
	16	9972	528	528	534	00	00	80	1	02	0	0	0	9	0	5									
	19	10001	525	525	531	00	00	80	1	02	0	0	0	9	0	5									
	22	10028	519	519	530	19	07	80	8	03	1	0	0	9	1					02	13		0000	518	531
12	01	10028	519	519	526	23	03	55	8	71	7	0	0	9	1										
	04	10012	514	514	519	18	05	40	8	71	7	0	0	9	1										
	07	9994	512	512	519	21	03	04	8	73	7	0	0	4	2										
	10	9954	11	11	08	07	32	00		38	7														
	13	9921	11	11	08	08	43	00		39	3														
	16	9917	10	10	07	09	42	00		39	3														
	19	9906	11	11	09	09	40	00		39	3														
	22	9910	13	13	11	08	40	00		39	3									09	63		0007	15	520
13	01	9908	15	14	12	08	36	00		39	3														
	04	9942	15	14	12	07	20	00		39	3														
	07	9970	13	13	10	06	16	04	8	36	3	8	5	5											
	10	9989	09	09	06	36	13	02		72	3												0007		
	13	9994	04	04	01	36	10	02		73	3														
	16	9997	02	02	506	02	08	04		71	7														
	19	9990	01	01	502	04	05	04		71	7														
	22	9982	03	03	501	24	06	08	8	70	7	0	0	4	2					08	49		0007	16	01
14	01	9959	501	501	506	27	07	08	8	71	7	0	0	3	2										
	04	9949	503	503	507	27	06	08	8	71	7	0	0	3	2										
	07	9950	508	508	514	28	02	40	8	05	7	0	0	8	3	7									
	10	9952	512	512	517	14	04	80	4	05	1	0	0	8	3	1									
	13	9950	512	512	517	18	14	80	1	01	0	0	0	9	0	5									
	16	9964	508	508	516	23	09	80	0	02	0	0	0	9	0	0									
	19	9971	508	509	517	20	07	80	0	02	0	0	0	9	0	0									
	22	9978	514	514	520	00	00	80	0	02	0	0	0	9	0	0				18	15		0010	02	516
15	01	9966	516	516	521	05	02	80	0	02	0	0	0	9	0	0									
	04	9959	507	507	516	25	04	80	6	03	1	0	0	9	1	0									
	07	9937	507	507	514	00	00	80	8	02	1	0	0	8	1										
	10	9929	504	504	510	07	06	80	8	05	2	1	1	3	1	8									
	13	9920	502	502	506	18	02	80	8	02	2	1	0	9	2										
	16	9914	505	505	509	12	02	80	1	01	1	1	5	5	0	0									
	19	9916	509	509	516	13	03	80	0	02	0	0	0	9	0	0									
	22	9905	512	512	517	06	02	80	0	02	0	0	0	9	0	0				07	10		0000	00	520
16	01	9887	509	510	518	09	01	80	0	02	0	0	0	9	0	0									
	04	9870	516	516	521	06	03	80	0	02	0	0	0	9	0	0									
	07	9853	514	514	524	00	00	80	0	02	0	0	0	9	0	0									
	10	9837	515	515	525	06	03	80	4	03	0	0	0	8	3	6									
	13	9823	514	515	524	00	00	81	2	02	0	0	0	9	0	8									
	16	9820	514	514	522	00	00	81	0	01	0	0	0	9	0	0									
	19	9819	514	515	522	09	02	81	0	02	0	0	0	9	0	0									
	22	9822	518	518	525	05	02	80	0	02	0	0	0	9	0	0				12	10		0000	507	520
17	01	9826	520	520	527	00	00	55	0	02	0	0	0	9	0	0									
	04	9828	522	522	530	09	02	55	0	02	0	0	0	9	0	0									
	07	9826	516	517	532	08	03	50	0	05	0	0	0	9	0	0									
	10	9827	528	528	539	00	00	80	1	03	0	0	0	9	0	5									
	13	9822	519	519	527	13	02	81	1	02	0	0	0	9	0	5									
	16	9822	521	521	527	00	00	81	1	02	0	0	0	9	0	2									
	19	9830	528	528	534	00	00	81	0	02	0	0	0	9	0	0									
	22	9834	527	527	533	06	04	81	0	02	0	0	0	9	0	0				08	08		0000	515	530
18	01	9841	526	526	531	19	02	81	0	02	0	0	0	9	0	0									
	04	9851	521	521	526	06	05	81	0	02	0	0	0	9	0	0									
	07	9864	523	523	529	07	04	81	0	02	0	0	0	9	0	0									
	10	9878	524	524	529	17	10	80	1	03	0	1	5	5	0	5									
	13	9886	523	523	528	16	07	81	1	02	0	1	5	5	0	4									
	16	9890	529	529	535	21	03	81	0	02	0	0	0	9	0	0									
	19	9881	529	529	534	22	01	80	0	02	0	0	0	9	0	0									
	22	9871	524	524	534	12	05	80	0	02	0	0	0	9	0	0				10	12		0000	518	534

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	01	9852	530	530	536	07	03	80	0	02	0	0	0	9	0	0									
	04	9833	530	530	536	00	00	80	0	02	0	0	0	9	0	0									
	07	9805	528	528	536	00	00	81	0	02	0	0	0	9	0	0									
	10	9783	530	530	539	00	00	81	0	02	0	0	0	9	0	0									
	13	9760	529	529	537	06	03	81	1	03	0	1	5	5	0	0									
	16	9755	532	532	538	07	02	81	1	02	0	1	5	5	0	0									
	19	9773	527	528	536	15	02	80	0	01	0	0	0	9	0	0									
	22	9795	529	529	538	18	03	81	0	02	0	0	0	9	0	0				17	11		0000	525	535
20	01	9814	527	527	536	17	05	81	0	02	0	0	0	9	0	0									
	04	9842	528	528	537	04	03	81	0	02	0	0	0	9	0	0									
	07	9867	531	531	537	12	06	81	0	02	0	0	0	9	0	0									
	10	9894	533	533	540	08	04	81	1	03	0	1	5	5	0	5									
	13	9905	529	529	538	24	02	81	1	01	0	0	0	9	0	5									
	16	9910	528	528	536	17	01	81	0	01	0	0	0	9	0	0									
	19	9902	533	533	540	23	04	80	0	02	0	0	0	9	0	0									
	22	9877	528	528	537	15	01	81	0	02	0	0	0	9	0	0				17	10		0000	525	536
21	01	9859	530	530	541	00	00	81	0	02	0	0	0	9	0	0									
	04	9845	519	519	530	00	00	81	0	02	0	0	0	9	0	0									
	07	9846	513	514	521	00	00	80	7	03	1	7	5	5	0	0									
	10	9855	513	513	521	00	00	80	3	02	1	3	5	5	0	0									
	13	9858	510	510	518	00	00	81	6	03	1	6	5	5	0	0									
	16	9859	509	509	514	06	04	80	2	01	1	2	5	5	0	0									
	19	9849	510	510	514	00	00	80	7	03	1	7	5	5	0	0									
	22	9840	510	510	515	00	00	80	1	01	1	1	5	5	0	0				06	13		0000	507	532
22	01	9804	516	516	521	00	00	80	0	02	0	0	0	9	0	0									
	04	9786	514	514	520	06	05	80	3	03	0	0	0	9	0	5									
	07	9766	513	513	519	00	00	80	1	02	0	0	0	9	0	8									
	10	9755	511	511	516	00	00	81	1	01	0	1	5	5	0	8									
	13	9756	516	516	521	07	06	81	2	03	0	1	5	5	7	1									
	16	9768	516	516	521	05	10	80	7	03	1	7	5	5	0	0									
	19	9794	515	515	520	05	02	80	8	03	1	8	5	5											
	22	9822	517	517	522	19	04	80	8	02	2	8	6	4						06	16		0000	508	522
23	01	9837	516	516	521	19	03	81	0	02	1	0	0	9	0	0									
	04	9860	521	521	528	05	09	80	8	03	1	8	6	3											
	07	9883	523	523	533	11	02	80	7	02	2	7	5	4	0	0									
	10	9892	523	523	533	00	00	81	0	01	1	0	0	9	0	0									
	13	9890	525	525	533	22	06	81	1	03	1	1	5	5	0	5									
	16	9880	524	524	530	00	00	81	1	02	0	0	0	9	7	0									
	19	9867	523	523	528	22	01	80	0	01	0	0	0	9	0	0									
	22	9859	521	521	528	06	05	80	0	02	0	0	0	9	0	0				03	12		0000	513	526
24	01	9855	520	520	527	00	00	80	0	02	0	0	0	9	0	0									
	04	9849	516	517	532	00	00	80	0	02	0	0	0	9	0	0									
	07	9855	518	518	525	11	02	80	0	02	0	0	0	9	0	0									
	10	9847	516	516	522	00	00	81	3	03	0	0	0	7	3	0									
	13	9849	517	517	523	00	00	81	2	01	0	0	0	7	4	0									
	16	9842	520	520	526	06	05	81	3	03	0	0	0	7	4	0									
	19	9838	08	07	503	06	14	40	6	36	1	0	0	8	7	0									
	22	9790	10	10	06	12	36	00		39	3									12	48		0000	13	522
25	01	9757	14	14	11	12	40	00		39	3														
	04	9695	16	16	13	12	48	00		39	3														
	07	9629	15	14	11	12	59	00		39	3														
	10	9584	13	13	10	11	62	00		39	3														
	13	9572	12	12	09	11	54	00		39	3														
	16	9550	15	15	13	11	48	00		39	3														
	19	9560	18	18	16	11	44	00		39	3														
	22	9578	19	19	17	11	35	00		39	3									11	89		0000	22	12
26	01	9643	17	17	15	05	26	00		39	3														
	04	9674	16	16	14	08	20	01	8	38	3	8	6	4											
	07	9704	17	16	12	09	18	07	2	36	3	1	6	3	0	1									
	10	9738	18	18	15	08	20	02		72	3														
	13	9792	17	17	14	02	14	16	8	36	7	3	7	4	7										
	16	9837	17	16	14	07	16	16	8	36	3	3	7	4	7										
	19	9876	18	18	15	09	18	16	8	38	3	0	0	7	7										
	22	9891	20	20	17	09	32	08	8	38	3	0	0	7	7					09	43		0000	23	14
27	01	9920	21	21	19	09	30	02	8	39	3	0	0	7	7										
	04	9940	20	20	18	09	33	02	8	39	3	0	7	7	7										
	07	9978	19	18	16	12	29	02	8	39	3	6	7	4	7										
	10	10013	21	20	14	18	07	55	8	02	3	2	7	5	7										
	13	9998	20	19	15	17	14	80	8	02	2	1	8	4											
	16	9981	20	19	13	00	00	80	7	02	7	3	5	5	7	6									
	19	9977	15	14	07	27	03	80	1	01	7	1	5	5	0	0									
	22	9957	22	19	10	00	00	80	8	03	1	8	5	5						09	43		0000	24	12

Results of Surface Observations,
WILKES — Jul., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
28	01	9953	21	21	18	18	07	80	8	02	2	8	5	5											
	04	9942	22	21	20	00	00	80	8	02	2	8	5	5											
	07	9941	21	20	16	12	04	80	8	02	2	2	5	4	7										
	10	9935	25	22	13	14	16	55	8	70	7	2	6	4	7										
	13	9930	20	19	16	19	09	02		72	7														
	16	9921	20	20	18	21	06	01		73	7														
	19	9925	19	19	16	36	06	01		73	7														
	22	9941	19	19	17	18	04	01		73	7									14	20		0002	27	18
29	01	9953	19	19	16	21	08	02		73	7														
	04	9974	13	12	09	36	04	40	8	71	7	0	0	7	1										
	07	9994	11	11	07	06	04	25	8	10	7	8	6	4											
	10	10011	12	12	09	05	02	80	8	05	2	8	6	4											
	13	10033	12	12	09	09	04	80	8	70	2	8	6	4											
	16	10035	13	12	09	12	02	55	8	02	7	8	5	4											
	19	10036	14	14	10	18	05	40	8	70	7	8	5	4											
	22	10011	10	10	05	06	08	80	8	02	7	0	0	7	1					04	14		0105	20	08
30	01	9977	16	16	13	05	15	55	8	36	2	0	0	7	1										
	04	9939	20	20	18	07	20	00		39	3														
	07	9942	20	20	18	20	03	55	8	02	3	8	6	4											
	10	9942	21	20	16	18	02	81	8	02	7	8	5	5											
	13	9940	14	14	10	00	00	81	7	02	2	1	5	5	3	6									
	16	9943	10	10	05	00	00	81	8	02	2	1	5	5	1										
	19	9887	13	13	08	12	03	80	8	02	2	0	0	8	2										
	22	9809	22	22	20	11	30	00		39	3									11	49		0000	24	09
31	01	9702	21	21	19	10	43	00		39	3														
	04	9644	22	22	20	09	35	00		39	3														
	07	9662	19	19	17	06	26	00		39	3														
	10	9660	17	17	14	07	22	00		39	3														
	13	9626	16	16	14	05	22	00	8	39	3	8	7	4											
	16	9672	17	17	15	31	18	24	7	36	3	5	6	3	0	0									
	19	9724	10	10	06	31	25	04	2	36	3	2	1	3	0	0									
	22	9766	12	11	08	31	17	24	6	36	3	6	1	4	0	0				10	66		0000	22	09

Results of Surface Observations,
WILKES – Aug., 1960

LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND						LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
01	01	9813	11	11	07	31	19	24	6	36	3	6	5	4	0	0									
	04	9839	12	12	09	30	16	24	8	36	3	8	5	5											
	07	9846	11	10	05	34	04	25	8	70	3	0	0	3	2										
	10	9849	07	07	01	06	07	81	6	02	7	3	6	3	0	2									
	13	9863	08	08	05	07	05	55	8	70	1	7	6	3											
	16	9874	07	07	03	07	04	40	8	22	7	8	6	2											
	19	9887	05	05	01	18	02	55	8	02	2	8	6	4											
	22	9885	03	03	501	20	06	55	8	02	2	8	6	4						30	28		0000	12	00
02	01	9883	03	03	501	03	03	80	4	01	7	0	0	7	7	0									
	04	9894	00	00	503	00	00	55	2	01	0	0	0	7	7	0									
	07	9913	507	507	511	19	09	80	6	02	0	0	0	8	3	0									
	10	9912	509	509	514	20	07	40	7	05	2	1	5	5	0	6									
	13	9915	510	510	515	18	20	30	8	36	2	0	0	9	0	8									
	16	9913	511	511	516	18	13	30	7	36	2	0	0	9	0	6									
	19	9905	506	507	513	18	18	55	8	02	3	0	0	9	0	8									
	22	9907	504	504	508	00	00	55	8	02	2	0	0	9	1	0				20	28		0000	06	516
03	01	9923	508	508	513	16	05	55	8	02	2	0	0	8	1										
	04	9917	500	500	506	18	07	55	8	02	2	0	0	7	2										
	07	9894	501	501	505	09	02	02		72	2														
	10	9823	12	12	09	10	33	00		39	7														
	13	9756	15	15	12	10	44	00		39	7														
	16	9697	17	16	14	10	49	00		39	3														
	19	9688	16	16	14	10	50	00		39	3														
	22	9703	16	16	13	10	33	00	8	39	3	8	7	4						10	68		0003	19	510
04	01	9705	19	18	13	11	23	08	8	38	3	8	7	4											
	04	9724	23	22	18	21	08	16	8	71	3	0	0	4	2										
	07	9729	19	19	17	00	00	07	8	73	3	0	0	2	2										
	10	9733	21	21	18	34	09	12	8	71	7	0	0	3	2										
	13	9742	11	11	08	06	04	40	8	71	7	0	0	5	2										
	16	9744	11	11	07	06	04	40	8	71	7	8	5	5											
	19	9753	11	11	08	05	03	80	8	22	7	8	5	5											
	22	9759	11	11	09	07	04	55	8	02	2	8	5	5						11	36		0005	25	10
05	01	9769	12	11	08	08	05	55	8	02	7	8	6	4											
	04	9772	13	12	07	08	04	55	8	02	2	8	6	4											
	07	9779	13	12	08	12	04	40	8	70	2	8	6	3											
	10	9785	12	12	09	07	03	40	8	05	7	1	8	3											
	13	9784	12	11	07	00	00	40	8	71	4	8	5	5											
	16	9782	13	12	08	18	02	15	8	71	7	0	0	4	2										
	19	9778	11	11	08	16	02	15	8	71	7	0	0	4	2										
	22	9773	14	14	11	18	01	24	8	70	7	0	0	4	2					18	08		0012	15	10
06	01	9772	12	12	09	06	01	40	8	76	7	0	0	9	0	7									
	04	9772	09	08	03	18	07	16	8	76	4	0	0	9	1										
	07	9761	09	09	05	16	02	80	8	02	4	0	0	8	2										
	10	9751	09	08	03	13	06	82	8	02	2	0	0	8	1	8									
	13	9743	07	07	01	21	08	81	8	02	2	2	5	5	7	8									
	16	9746	11	10	05	14	03	81	8	02	2	0	0	7	7	8									
	19	9761	10	09	01	06	01	81	8	02	2	0	0	7	7	8									
	22	9773	02	01	508	12	02	81	2	01	1	0	0	9	0	8				20	10		0000	14	503
07	01	9792	02	01	507	05	08	81	0	02	1	0	0	9	0	0									
	04	9811	506	506	510	07	21	81	2	03	0	0	0	9	0	6									
	07	9833	507	507	511	05	10	80	6	03	1	0	0	9	1	0									
	10	9835	15	14	09	09	17	55	8	36	3	8	5	5											
	13	9798	17	16	13	11	30	00		39	3														
	16	9762	18	18	15	12	36	00		39	3														
	19	9745	16	16	13	11	46	00		39	3														
	22	9746	17	16	14	12	45	00		39	3									12	71		0000	19	508
08	01	9725	17	17	14	12	48	00		39	3														
	04	9708	15	15	11	12	49	00		39	3														
	07	9710	15	14	11	12	42	00		39	3														
	10	9719	19	19	17	12	30	08	7	38	3	6	7	4	7	0									
	13	9716	25	24	22	10	32	02	7	39	3	6	7	4	7	0									
	16	9714	25	24	22	11	43	00		39	3														
	19	9724	23	22	19	11	44	00		39	3														
	22	9722	23	23	20	12	49	00		39	3									12	72		0000	26	14
09	01	9731	22	22	19	11	45	00		39	3														
	04	9711	21	20	18	11	45	00		39	3														
	07	9663	19	19	17	12	58	00		39	3														
	10	9673	21	20	18	12	52	00		39	3														
	13	9730	22	22	20	12	45	00		39	3														
	16	9792	19	18	15	12	30	00	8	36	3	3	5	5	7										
	19	9804	22	21	20	12	38	00	8	38	3	6	5	5	2										
	22	9826	24	24	21	13	42	00		39	3									12	86		0000	28	17

Results of Surface Observations,
WILKES – Aug., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	01	9838	27	27	25	12	40	00	8	37	3	0	0	8	2									
	04	9859	22	22	19	13	34	00		39	3													
	07	9854	21	20	18	12	46	00		39	3													
	10	9880	20	19	17	13	46	00		39	3													
	13	9897	18	18	16	13	52	00		39	3													
	16	9920	18	18	15	12	52	00		39	3													
	19	9939	17	17	15	12	47	00	0	37	3	0	0	9	0	0								
	22	9945	16	16	13	12	42	00	0	37	3	0	0	9	0	0				12	74		0000	30	15
11	01	9979	15	15	12	13	35	00	4	37	3	4	5	5	0	0								
	04	9968	13	13	09	13	32	01	0	37	3	0	0	9	0	0								
	07	9976	16	16	13	16	09	81	1	03	3	0	0	9	0	5								
	10	9971	15	15	12	36	07	81	1	03	1	0	0	9	0	5								
	13	9962	15	14	08	29	08	81	2	03	0	0	0	9	0	5								
	16	9948	14	12	03	13	10	81	1	02	0	0	0	9	0	5								
	19	9937	12	12	08	00	00	81	0	01	0	0	0	9	0	0								
	22	9919	07	06	503	12	05	81	0	02	0	0	0	9	0	0				13	48		0000	24	03
12	01	9900	07	05	507	18	02	81	2	02	0	0	0	8	1	0								
	04	9898	02	01	508	07	05	81	1	01	0	0	0	8	1	0								
	07	9892	501	501	505	07	04	81	1	01	0	0	0	9	0	5								
	10	9886	04	03	503	09	07	81	6	03	1	6	5	5	0	5								
	13	9896	03	03	502	06	12	81	5	02	1	5	5	5	0	0								
	16	9924	500	501	508	12	20	81	7	03	2	7	5	5	0	0								
	19	9935	00	501	510	13	16	81	1	01	1	1	5	5	0	0								
	22	9939	501	502	513	19	02	81	0	02	0	0	0	9	0	0				13	29		0000	11	506
13	01	9937	503	504	515	18	04	81	0	02	0	0	0	9	0	0								
	04	9932	505	506	516	06	09	81	0	02	0	0	0	9	0	0								
	07	9931	509	509	515	19	07	81	1	03	0	1	5	5	0	0								
	10	9919	506	506	512	09	06	81	1	03	0	0	0	7	3	0								
	13	9915	502	502	508	18	06	81	0	01	0	0	0	9	0	0								
	16	9910	505	505	510	21	02	81	1	02	0	1	5	5	7	0								
	19	9903	506	507	516	00	00	81	0	01	0	0	0	9	0	0								
	22	9900	508	508	517	00	00	81	0	02	0	0	0	9	0	0				06	20		0000	00	511
14	01	9906	506	507	519	11	06	81	0	02	0	0	0	9	0	0								
	04	9919	508	509	518	15	02	81	2	02	0	0	0	8	3	0								
	07	9934	512	512	517	12	05	81	1	01	0	0	0	9	7	0								
	10	9946	508	509	521	12	03	81	1	03	0	1	5	5	4	0								
	13	9948	504	505	515	00	00	81	1	03	0	1	5	5	3	0								
	16	9960	507	508	520	09	07	81	1	02	0	1	5	5	0	0								
	19	9968	507	508	518	00	00	81	0	01	0	0	0	9	0	0								
	22	9968	504	505	512	18	07	81	0	02	0	0	0	9	0	0				17	15		0000	01	514
15	01	9948	02	01	505	18	08	81	8	03	1	0	0	8	2									
	04	9936	01	00	509	18	05	81	8	02	2	0	0	7	2									
	07	9921	04	03	503	10	03	80	8	02	2	0	0	7	2									
	10	9897	06	05	00	20	04	80	8	70	2	8	5	5										
	13	9878	11	11	08	19	06	16	8	71	7	0	0	4	2									
	16	9856	14	12	03	24	03	16	8	70	7	0	0	4	2									
	19	9851	11	10	02	00	00	55	8	02	7	8	5	5										
	22	9844	12	10	502	15	08	80	1	01	1	1	5	5	0	0				03	28		0000	15	502
16	01	9830	09	08	01	18	02	80	8	03	1	0	0	7	1									
	04	9811	11	10	03	13	10	80	8	02	2	0	0	7	2									
	07	9796	14	12	03	17	06	55	8	02	2	8	5	5										
	10	9777	14	13	08	21	08	55	8	02	2	8	5	5										
	13	9762	15	14	09	17	13	25	8	70	2	0	0	2	2									
	16	9747	17	16	13	17	10	55	8	02	7	8	5	4										
	19	9739	18	17	14	21	04	40	8	71	7	0	0	8	2									
	22	9730	19	18	11	07	09	55	8	02	7	0	0	8	2					09	20		0006	20	07
17	01	9727	19	18	14	07	07	40	8	71	7	0	0	8	2									
	04	9712	18	17	13	14	06	40	8	71	7	0	0	8	2									
	07	9701	17	16	13	10	03	16	8	71	7	0	0	5	2									
	10	9720	10	10	07	31	08	15	8	71	7	0	0	2	2									
	13	9747	06	06	02	02	08	80	8	22	7	8	5	5										
	16	9773	05	05	02	35	05	55	7	02	2	7	5	5	0	0								
	19	9796	03	02	504	32	06	55	8	02	2	8	6	4										
	22	9815	02	01	506	22	05	55	8	02	2	8	6	4						25	14		0002	19	01
18	01	9822	03	02	502	17	04	80	8	02	2	8	5	5										
	04	9830	04	04	00	04	06	80	8	76	2	8	5	5										
	07	9843	502	502	506	12	07	80	6	01	2	0	0	9	7	0								
	10	9851	04	04	502	00	00	55	8	03	2	8	5	5										
	13	9855	06	05	501	19	06	80	8	05	2	8	5	5										
	16	9861	15	14	09	09	16	60	8	36	7	8	5	5										
	19	9878	14	13	08	09	15	40	8	36	2	8	6	4										
	22	9886	13	12	08	15	08	55	8	02	3	0	0	7	2					06	18		0002	16	503

Results of Surface Observations,
WILKES – Aug., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	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	9878	08	08	03	03	05	80	8	02	2	0	0	7	1									
	04	9865	08	07	02	18	08	80	8	02	2	0	0	7	1									
	07	9838	07	07	03	22	06	80	8	02	2	0	0	7	2									
	10	9809	12	12	08	20	03	80	7	05	2	0	0	8	7	8								
	13	9781	13	13	09	16	08	81	7	02	2	0	0	8	7	8								
	16	9736	12	11	03	19	04	81	3	01	1	0	0	8	7	8								
	19	9707	13	12	04	20	07	80	2	01	0	0	0	9	7	0								
	22	9673	11	10	02	00	00	80	3	01	0	0	0	9	9	0	1				18	14		0000	19	05
20	01	9670	16	15	12	05	02	81	0	01	0	0	0	9	9	0	0									
	04	9680	15	14	09	06	06	81	0	02	0	0	0	9	9	0	0									
	07	9714	18	16	10	07	15	80	8	03	1	8		5	5											
	10	9745	20	19	15	10	20	55	7	36	3	1	0	7	4	7	0									
	13	9764	20	19	15	07	14	69	8	02	3	2	0	8	8	2										
	16	9786	18	17	15	00	00	25	8	71	2	0	0	0	4	2										
	19	9796	22	21	17	12	09	80	8	02	7	3	0	0	8	1										
	22	9794	21	20	17	12	23	16	8	39	3	0	0	0	9	2					25	11		0000	25	11
21	01	9795	21	21	18	12	24	08	6	39	3	0	0	0	9	2	0									
	04	9814	18	17	12	17	12	55	2	01	3	0	0	0	9	2	0									
	07	9800	14	13	07	18	03	81	6	03	1	0	0	0	9	0	2									
	10	9800	14	12	03	09	02	81	6	02	2	0	0	0	9	0	6									
	13	9787	15	14	09	07	05	80	2	05	1	0	0	0	9	0	8									
	16	9780	10	09	03	08	09	80	2	05	0	0	0	0	9	0	0									
	19	9776	07	07	03	07	06	81	0	02	0	0	0	0	9	0	0									
	22	9760	03	02	507	00	00	81	0	02	0	0	0	0	9	0	0				12	34		0000	25	503
22	01	9742	03	03	501	07	09	55	8	03	1	8		5	5											
	04	9737	07	06	00	18	03	55	8	02	2	8		5	5											
	07	9718	02	02	503	18	10	80	7	02	2	7	6	5	5	0	0									
	10	9698	00	501	516	23	03	81	6	02	2	6	8	5	5	0	0									
	13	9682	07	06	01	21	02	81	8	03	2	8		5	5											
	16	9676	03	03	502	05	04	81	8	02	2	8		5	5											
	19	9676	00	501	512	11	08	81	5	01	1	5		6	4	0	0									
	22	9678	504	504	511	09	06	80	0	01	1	0		0	9	0	0				07	18		0000	09	505
23	01	9684	502	503	509	12	09	80	3	03	2	3		5	5	0	0									
	04	9694	501	501	505	08	05	80	2	01	0	8		5	5	1	0									
	07	9702	02	01	505	07	04	80	8	03	1	8		5	5											
	10	9712	02	02	503	08	04	81	8	22	7	1		8	4											
	13	9721	05	05	01	09	06	55	8	71	7	0	7	0	5	2										
	16	9736	06	05	00	08	06	80	7	01	2	7	0	5	5	0	0									
	19	9753	00	500	505	07	08	80	0	01	0	0	0	5	9	0	0									
	22	9768	00	00	504	00	00	80	0	02	0	0	0	0	9	0	0				05	12		0000	09	507
24	01	9782	503	503	509	00	00	80	0	02	0	0	0	0	9	0	0									
	04	9799	505	506	511	00	00	80	0	02	0	0	0	0	9	0	0									
	07	9816	507	507	516	13	01	81	0	02	0	0	0	0	9	0	0									
	10	9823	505	505	513	00	00	81	0	02	0	0	0	0	9	0	0									
	13	9828	502	502	509	00	00	81	1	02	0	0	1	0	5	0	0									
	16	9821	509	509	514	18	02	81	0	02	0	0	0	0	9	0	0									
	19	9816	511	511	519	20	06	81	1	02	0	0	0	0	9	0	5									
	22	9800	510	510	517	00	00	81	0	02	0	0	0	0	9	0	0				19	10		0000	00	514
25	01	9780	510	510	515	22	02	80	0	02	0	0	0	0	9	0	0									
	04	9755	509	509	513	20	08	55	0	02	0	0	0	0	9	0	0									
	07	9721	505	505	511	19	16	80	8	03	1	8	5	5	5	3										
	10	9712	505	505	509	24	06	80	8	02	2	5	6	5	3											
	13	9693	02	01	503	21	10	25	8	71	2	0	0	0	3	2										
	16	9701	00	500	505	20	08	04	8	73	7	0	0	0	4	2										
	19	9707	501	501	505	19	12	55	8	22	7	8	0	5	5											
	22	9700	503	504	510	20	08	55	2	01	1	0		0	9	1	0				20	22		0000	04	512
26	01	9665	01	01	504	21	09	55	8	03	3	0		0	9	2										
	04	9607	13	13	11	12	38	00		39	3															
	07	9568	14	14	11	12	45	00		39	3															
	10	9562	13	13	09	12	48	00		39	3															
	13	9582	16	16	13	11	41	00		39	3															
	16	9630	16	15	13	12	34	00		39	3															
	19	9658	11	10	05	10	24	01	8	38	3	4		7	4	7										
	22	9671	13	12	08	11	30	02	0	38	3	0		0	9	0	0				12	66		0002	19	02
27	01	9688	13	12	04	11	24	55	3	03	3	1		7	4	9	0									
	04	9700	10	09	01	11	24	80	2	01	0	2		7	4	0	0									
	07	9712	15	13	03	12	18	81	3	02	0	0		0	7	8	8									
	10	9734	13	11	03	20	04	81	4	02	1	3		5	5	0	6									
	13	9748	07	07	02	20	04	81	6	03	1	6		5	5	0	0									
	16	9760	03	02	505	21	02	81	6	02	1	1		5	4	3	6									
	19	9765	04	04	503	08	03	81	4	01	1	1		5	5	3	0									
	22	9768	03	02	504	15	06	81	1	01	0	1		5	5	0	0				11	36		0000	16	502

Results of Surface Observations,
WILKES – Aug., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	01	9759	01	01	503	14	06	80	0	01	0	0	0	9	0	0									
	04	9753	503	503	507	00	00	55	0	02	0	0	0	9	0	0									
	07	9757	02	02	504	21	04	81	8	03	1	5	6	4	7										
	10	9757	10	08	00	13	05	81	6	02	2	2	5	5	7										
	13	9748	09	07	506	05	03	80	5	05	1	1	5	5	3	6									
	16	9748	05	04	502	00	00	80	2	05	0	0	0	9	3	8									
	19	9755	03	03	503	12	06	80	1	01	0	1	5	5	0	0									
	22	9749	500	500	505	20	04	80	0	02	1	0	0	9	0	0				13	14		0000	13	504
29	01	9736	502	502	507	00	00	80	0	02	0	0	0	9	0	0									
	04	9731	501	501	507	00	00	80	0	02	0	0	0	9	0	0									
	07	9742	01	01	504	07	08	80	6	03	1	0	0	9	0	6									
	10	9742	05	04	505	07	05	81	6	02	2	0	0	9	0	4									
	13	9749	04	03	503	09	02	81	7	02	2	1	5	5	0	4									
	16	9758	01	01	503	07	06	81	2	01	1	1	5	5	0	4									
	19	9775	501	501	505	07	05	55	8	03	1	7	6	4	0	0									
	22	9783	500	500	508	09	14	40	8	36	2	8	6	3						09	20		0000	10	505
30	01	9801	502	502	506	09	14	25	8	78	3	8	7	3											
	04	9812	502	502	506	05	06	40	8	78	7	2	7	2											
	07	9831	501	501	505	00	00	80	8	02	2	8	7	3											
	10	9840	501	501	505	00	00	40	7	11	2	4	7	3	0	0									
	13	9856	01	01	504	05	07	40	2	11	4	1	7	3	0	0									
	16	9850	505	505	511	10	11	80	1	01	4	1	5	4	0	0									
	19	9876	500	500	504	07	05	55	8	03	1	7	6	4											
	22	9889	00	00	505	09	04	55	8	02	2	7	6	4						09	20		0000	02	507
31	01	9907	501	502	509	11	06	70	8	02	2	8	6	3											
	04	9923	504	505	511	12	08	80	8	02	2	8	6	3											
	07	9926	502	502	509	06	10	81	8	02	2	5	6	3	7										
	10	9948	500	501	509	09	08	80	8	02	2	5	6	3	7										
	13	9941	500	501	508	15	01	80	8	02	2	3	5	4	7										
	16	9916	01	00	508	16	07	80	8	02	2	3	5	4	7										
	19	9882	04	03	506	00	00	80	8	02	2	2	6	4	1										
	22	9826	13	12	08	12	34	00		39	2									12	55		0000	17	507

Results of Surface Observations,
WILKES – Sep., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	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	9788	15	14	11	11	35	00		39	3														
	04	9751	15	14	10	12	54	00		39	3														
	07	9755	10	10	06	12	54	00		39	3														
	10	9744	10	09	06	13	50	01	8	39	3	8	7	5											
	13	9743	13	13	09	13	52	16	8	38	3	2	7	4	9										
	16	9744	14	13	07	13	56	30	8	38	3	3	7	4	9										
	19	9765	14	14	09	13	56	40	8	38	3	3	7	4	9										
	22	9797	13	12	08	12	43	40	7	36	3	7	5	5	0	0				12	77		0000	18	12
02	01	9812	16	15	11	12	37	40	8	36	3	8	5	5											
	04	9821	14	14	11	12	36	60	7	02	3	7	5	5	0	0									
	07	9805	16	16	12	12	40	80	6	02	2	6	0	6	7	0									
	10	9774	19	18	14	12	40	60	7	36	3	3	5	5	3	0									
	13	9739	19	19	17	12	46	40	8	38	3	3	5	4	7										
	16	9729	18	17	14	12	45	25	8	36	3	8	6	4											
	19	9696	19	19	16	12	49	40	8	36	3	8	6	4											
	22	9696	17	16	13	11	48	25	8	36	3	0	0	7	2					12	72		0000	22	13
03	01	9720	18	18	15	10	30	02	8	36	7	8	6	4											
	04	9735	22	22	19	08	22	25	8	36	3	8	6	4											
	07	9757	22	21	19	09	22	40	8	38	3	8	5	4											
	10	9761	23	23	21	10	16	60	8	02	3	6	6	4	7										
	13	9757	23	23	21	09	15	30	8	36	7	3	6	4	7										
	16	9746	20	20	17	11	20	45	8	38	3	1	5	5	7										
	19	9730	21	20	17	12	20	30	8	38	3	0	0	8	1										
	22	9721	21	20	17	11	20	15	8	36	3	0	0	7	2					08	48		0000	24	16
04	01	9725	17	17	14	21	11	02		71	3														
	04	9725	19	19	17	19	05	02	8	73	7	0	0	7	1										
	07	9727	15	14	09	18	04	80	8	02	7	8	5	5											
	10	9732	12	12	09	00	00	80	3	01	1	3	5	5	0	0									
	13	9738	15	14	10	33	02	55	1	01	1	1	5	4	0	0									
	16	9748	12	11	08	04	02	80	6	03	1	6	1	4	0	0									
	19	9752	09	09	06	00	00	55	8	70	7	0	0	4	2										
	22	9762	05	04	01	18	04	55	8	02	7	8	6	4						15	15		0004	22	06
05	01	9802	03	03	501	09	05	80	6	01	2	6	5	5	0	0									
	04	9814	502	502	506	18	05	80	5	02	2	0	0	7	2	0									
	07	9813	02	02	504	10	10	80	8	02	2	1	5	5	2										
	10	9778	02	01	507	07	09	81	8	02	2	1	1	4	1										
	13	9741	05	04	501	10	12	55	8	03	1	4	5	4	7										
	16	9614	10	10	06	13	29	00		39	3														
	19	9548	10	10	06	13	41	00		39	3														
	22	9570	09	09	05	13	24	00		39	3									13	53		0000	13	509
06	01	9621	04	04	00	06	06	24	8	73	7	0	0	5	2										
	04	9644	08	08	04	34	15	08	8	71	7	0	0	5	2										
	07	9658	06	06	02	32	14	55	6	01	7	1	1	4	7	6									
	10	9678	05	05	01	07	14	55	6	36	3	6	1	4	0	0									
	13	9720	04	04	501	00	00	81	7	02	3	7	5	4	0	0									
	16	9730	04	04	00	21	05	81	2	01	1	2	5	4	0	0									
	19	9720	504	504	510	10	02	81	0	01	1	0	0	9	4	0									
	22	9709	506	506	510	06	06	81	1	03	0	1	5	4	0	0				06	19		0012	09	507
07	01	9701	503	503	508	06	10	81	3	03	0	1	5	5	0	5									
	04	9689	503	503	508	09	13	80	8	36	3	0	0	9	0	7									
	07	9683	503	504	512	20	05	80	8	02	3	0	0	8	1	8									
	10	9683	504	504	508	19	06	81	8	02	2	1	5	4	0	7									
	13	9682	00	500	507	18	06	81	8	03	2	2	5	5	2	7									
	16	9687	501	501	507	21	06	81	8	02	2	0	0	7	3	7									
	19	9713	00	501	512	08	06	80	7	01	2	0	0	9	1	0									
	22	9725	502	503	515	10	06	80	7	02	2	0	0	9	7	0				09	22		0000	01	506
08	01	9735	501	501	507	08	05	80	8	02	2	3	5	5	7										
	04	9745	502	502	507	18	02	80	8	02	2	3	5	5	7										
	07	9751	504	504	508	00	00	55	8	70	2	5	5	5	1										
	10	9757	503	503	507	08	04	55	8	70	7	0	0	5	2										
	13	9749	502	502	506	09	02	50	7	22	2	7	6	4	0	0									
	16	9749	502	502	508	00	00	55	7	02	2	4	5	5	7	0									
	19	9757	505	505	509	06	06	50	8	03	2	8	6	3											
	22	9759	506	506	512	06	04	55	8	02	2	5	7	4						06	11		0000	01	506
09	01	9761	505	505	511	18	02	80	8	71	2	5	7	4											
	04	9768	507	507	513	12	06	80	8	71	7	6	7	4											
	07	9777	510	510	514	05	07	50	8	02	7	8	6	4											
	10	9787	510	510	515	07	07	50	8	02	2	8	5	4											
	13	9791	507	507	511	09	05	80	8	02	2	8	5	5											
	16	9800	509	509	513	07	08	80	3	02	2	8	5	5											
	19	9817	511	511	513	06	10	55	8	02	2	0	0	5	2										
	22	9820	509	509	516	06	06	55	8	02	2	5	6	2						06	15		0000	503	514

Results of Surface Observations,
WILKES – Sep., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	01	9820	509	509	515	06	14	55	8	71	7	5	6	2											
	04	9825	509	509	516	06	12	55	8	71	7	8	6	4											
	07	9820	510	510	515	05	13	30	7	36	3	7	6	4	0	0									
	10	9818	510	510	515	06	16	24	8	36	3	8	5	5											
	13	9816	510	510	517	05	14	50	8	36	3	8	5	4											
	16	9821	515	515	523	10	08	81	2	01	1	2	5	5	0	0									
	19	9822	519	519	526	12	07	81	1	02	0	1	5	5	0	0									
	22	9815	518	518	526	06	05	81	0	02	0	0	0	9	0	0				06	21		0000	508	525
11	01	9788	520	520	526	09	02	81	1	02	0	0	0	9	0	5									
	04	9746	520	520	526	18	10	81	3	02	0	0	0	9	0	5									
	07	9670	518	518	523	23	09	80	6	03	1	0	0	8	3	8									
	10	9618	512	512	518	21	05	80	7	03	2	7	5	5	0	0									
	13	9605	509	509	513	08	05	04		73	2														
	16	9604	505	505	509	07	03	40	8	71	7	0	0	4	2										
	19	9602	504	504	511	00	00	40	8	71	7	0	0	8	4										
	22	9595	507	507	515	20	03	40	8	71	7	8	6	4						20	13		0000	503	525
12	01	9599	505	505	509	07	07	30	8	71	7	0	0	4	2										
	04	9606	504	504	508	07	07	24	7	71	7	0	0	4	2	0									
	07	9612	505	505	509	08	06	81	7	22	7	7	5	5	0	0									
	10	9623	502	503	508	10	04	50	7	05	2	5	5	7	2	0									
	13	9635	502	502	508	06	06	80	7	02	2	7	5	5	0	0									
	16	9661	507	507	511	09	08	80	4	01	1	4	5	5	0	0									
	19	9696	504	504	509	06	11	80	8	71	7	5	6	4											
	22	9734	508	508	512	07	07	55	4	01	7	0	0	9	1	0				06	16		0002	04	510
13	01	9765	505	505	509	07	04	55	8	22	7	0	0	9	2										
	04	9792	502	503	509	19	01	55	8	76	2	0	0	9	2										
	07	9816	503	503	509	00	00	40	8	71	2	0	0	4	2										
	10	9841	502	502	507	07	04	40	8	71	7	0	0	4	2										
	13	9858	502	502	507	09	03	55	8	71	7	0	0	4	2										
	16	9872	502	502	507	00	00	55	8	71	7	8	5	5											
	19	9898	501	502	508	00	00	80	8	02	7	2	5	5	1										
	22	9902	507	508	518	13	06	80	2	01	1	0	0	9	0	5				09	10		0000	00	508
14	01	9902	506	506	513	20	04	80	5	03	1	0	0	9	0	8									
	04	9889	503	503	510	00	00	80	6	03	2	0	0	9	2	0									
	07	9820	12	11	07	11	32	01		39	2														
	10	9740	14	14	09	09	45	00		39	3														
	13	9737	14	14	10	10	43	00		39	3														
	16	9768	14	14	10	09	24	24	8	38	3	2	7	4	9										
	19	9802	15	14	09	04	14	80	8	02	3	7	6	4											
	22	9820	10	10	07	09	03	55	8	71	7	8	0	4	2					10	66		0000	17	509
15	01	9843	05	05	02	05	07	55	8	22	7	8	6	4											
	04	9851	06	06	03	06	04	55	8	02	2	8	5	5											
	07	9852	07	07	03	07	06	80	8	71	2	1	8	4											
	10	9856	08	08	04	07	05	50	8	71	7	8	5	4											
	13	9857	12	12	09	07	06	24	8	71	7	0	0	4	2										
	16	9858	12	11	07	00	00	80	8	02	7	8	6	4											
	19	9848	11	11	07	34	03	80	8	02	2	6	6	4	7										
	22	9835	11	11	08	22	03	80	4	71	7	4	6	4	0	0				06	14		0002	19	04
16	01	9786	16	16	11	11	22	55	8	36	7	0	0	9	2										
	04	9707	17	17	15	11	29	00		39	3														
	07	9600	17	17	14	12	50	00		39	3														
	10	9542	19	19	17	12	55	00		39	3														
	13	9538	20	19	17	10	40	00		39	3														
	16	9547	21	21	19	07	25	00		39	3														
	19	9568	22	22	20	06	24	02	8	39	3	8	7	4											
	22	9574	23	22	20	06	19	04	8	38	3	8	5	5						11	83		0010	23	15
17	01	9586	23	23	21	07	20	30	8	38	3	0	0	7	2										
	04	9596	22	21	19	01	15	40	8	36	3	8	5	5											
	07	9619	20	19	16	06	12	04	8	70	3	8	6	4											
	10	9635	19	18	16	06	14	25	8	36	7	2	6	4	0	7									
	13	9656	19	19	17	07	10	04	8	71	3	0	0	4	2										
	16	9665	19	19	17	06	12	04	8	73	7	0	0	4	2										
	19	9682	19	18	13	36	08	55	8	71	7	8	5	5											
	22	9683	18	17	12	33	12	45	7	38	7	0	0	7	2	0				04	30		0000	24	15
18	01	9691	16	16	12	35	05	55	8	03	3	8	5	5											
	04	9688	13	13	09	08	08	55	8	70	7	8	5	5											
	07	9688	14	13	08	07	04	80	8	22	2	8	5	5											
	10	9685	15	14	10	19	06	81	7	22	2	7	5	5	0	0									
	13	9681	12	11	07	15	05	81	3	01	7	1	5	5	3	6									
	16	9683	03	02	505	06	03	81	3	02	0	2	6	5	3	0									
	19	9693	05	05	02	08	04	81	6	03	1	6	6	5	0	0									
	22	9706	08	07	501	07	05	80	6	02	2	6	6	5	3	0				14	14		0000	17	00

Results of Surface Observations,
WILKES – Sep., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		iib × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
19	01	9713	05	05	501	14	03	80	0	02	1	0	0	9	0	0									
	04	9718	00	00	506	00	00	80	7	03	1	1	5	5	0	0									
	07	9729	05	05	02	00	00	80	8	03	1	7	5	5											
	10	9734	05	05	02	07	07	80	8	02	2	8	5	5											
	13	9735	09	08	04	08	04	45	7	70	2	8	5	5	7	0									
	16	9736	10	10	05	09	05	81	6	02	2	6	5	5	0	0									
	19	9743	05	05	00	08	07	81	2	01	7	2	5	5	0	0									
	22	9748	05	05	01	08	12	81	0	02	0	0	0	9	0	0				08	20		0000	11	502
20	01	9757	04	04	00	07	10	80	8	78	1	8	6	2											
	04	9761	04	03	501	06	06	80	8	02	7	8	6	2											
	07	9760	03	02	505	09	07	81	8	02	2	8	5	5											
	10	9757	03	03	501	09	06	81	8	02	2	8	5	5											
	13	9748	02	02	502	15	07	80	8	02	2	8	5	5											
	16	9736	501	501	506	06	06	80	5	01	2	3	5	5	0	6									
	19	9728	504	504	508	07	08	80	2	01	1	1	5	5	0	8									
	22	9723	502	502	510	18	05	80	0	02	1	0	0	9	0	0				09	16		0000	05	508
21	01	9717	501	502	510	00	00	80	2	02	1	0	0	9	0	1									
	04	9716	504	504	511	08	08	80	8	03	1	0	0	9	0	7									
	07	9722	00	500	507	00	00	81	8	02	2	0	0	9	0	7									
	10	9729	07	06	00	21	03	81	8	02	2	1	5	9	0	7									
	13	9739	09	07	501	20	06	81	8	03	2	2	5	5	0	7									
	16	9755	08	08	04	09	04	80	8	02	2	8	5	5	7	7									
	19	9786	06	06	02	20	02	55	6	70	7	6	5	5	0	0									
	22	9812	05	05	00	03	05	40	8	71	7	6	5	5	1					06	13		0000	11	507
22	01	9845	03	03	501	07	03	40	8	71	7	8	5	4											
	04	9869	02	02	503	20	02	80	6	01	7	6	5	3	0	0									
	07	9899	500	501	506	00	00	81	7	02	2	5	5	3	0	0			5						
	10	9914	05	05	00	00	00	80	8	03	2	8	5	5											
	13	9924	06	06	01	24	01	81	6	01	2	1	5	5	3	0									
	16	9926	04	04	01	27	03	81	6	02	2	1	5	5	3	0									
	19	9924	501	501	505	06	02	81	3	02	1	3	5	5	3	0									
	22	9931	508	508	514	00	00	80	0	02	0	0	0	9	0	0							0000	08	511
23	01	9915	505	505	512	13	04	81	0	02	0	0	0	9	0	0									
	04	9896	508	508	513	18	03	80	2	02	0	1	5	9	0	1									
	07	9873	507	507	513	18	03	81	0	02	0	0	0	9	0	0									
	10	9841	00	500	507	18	01	81	0	02	0	0	0	9	0	0									
	13	9806	03	02	507	18	05	81	2	03	0	1	0	9	0	0									
	16	9750	04	04	503	16	12	81	6	03	1	0	5	9	0	8									
	19	9672	06	05	501	15	15	81	6	36	3	1	5	9	0	6									
	22	9606	12	11	06	18	10	40	8	71	3	0	0	8	2	8							0000	13	512
24	01	9535	14	14	11	18	04	02		73	3														
	04	9485	11	11	07	03	03	80	8	02	7	0	0	8	3	7									
	07	9476	13	12	07	06	06	40	8	71	7	0	0	4	2										
	10	9489	12	12	09	04	10	16	8	71	7	0	0	4	2										
	13	9536	07	07	04	03	15	40	7	38	7	0	6	4	0	0									
	16	9608	03	02	503	03	12	55	1	36	3	7	5	5	0	0									
	19	9664	01	01	504	20	10	55	6	03	3	1	5	5	0	0									
	22	9690	501	501	507	00	00	80	0	01	1	0	0	9	0	0							0010	14	502
25	01	9719	502	503	512	00	00	80	0	02	1	0	0	9	0	0									
	04	9727	02	01	506	03	06	80	7	03	1	6	5	9	0	1									
	07	9727	00	500	507	03	05	81	2	01	1	0	0	9	0	6									
	10	9719	05	04	502	18	02	81	5	02	1	0	0	9	0	5									
	13	9700	09	08	03	14	02	81	6	03	1	0	0	9	0	6									
	16	9688	06	06	03	11	02	81	7	02	2	1	1	9	0	6									
	19	9675	502	502	509	08	02	81	7	02	2	1	1	9	0	8									
	22	9664	501	501	505	08	03	80	6	02	2	0	1	9	0	8							0000	13	504
26	01	9645	00	00	505	06	05	81	6	02	2	0	0	9	0	8									
	04	9646	501	501	505	06	05	80	6	02	2	0	0	9	0	8									
	07	9652	03	02	503	03	04	80	8	05	2	0	1	9	0	8									
	10	9659	02	02	501	01	05	60	8	05	2	0	5	5	1	0									
	13	9674	02	02	501	01	03	60	6	05	2	2	6	5	0	0									
	16	9693	500	500	504	02	12	55	7	03	2	2	7	5	0										
	19	9718	04	04	00	34	12	55	8	02	2	2	8	5	0										
	22	9738	501	501	505	02	13	55	8	02	2	2	8	5	0					36	23		0000	05	507
27	01	9769	502	502	506	03	16	80	8	03	2	8	6	4											
	04	9790	02	02	504	09	03	80	8	02	2	8	6	4											
	07	9800	04	03	503	17	08	80	7	01	2	7	5	5	0	5									
	10	9790	04	03	505	00	00	81	7	01	1	1	5	5	4	6									
	13	9753	05	04	504	16	14	80	7	05	1	0	5	8	7	8									
	16	9695	17	16	12	10	08	60	7	85	1	2	5	5	0	0									
	19	9658	18	17	12	05	05	55	8	02	2	7	7	4	4	0									
	22	9624	19	18	14	09	29	01	8	39	3	2	5	4	9	0				09	42		0000	22	502

Results of Surface Observations,
WILKES – Sep., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	w	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St. miles	Points	°F	°F
28	01	9602	19	18	14	09	33	01	8	39	3	8	5	5											
	04	9586	21	20	16	09	30	01	8	39	3	8	5	5											
	07	9585	23	23	21	08	30	45	8	38	3	2	7	4	9										
	10	9606	18	18	16	20	16	55	8	02	3	1	5	4	7										
	13	9617	21	21	19	02	04	81	8	02	3	0	0	8	2										
	16	9616	22	22	20	00	00	80	8	02	2	0	0	8	2										
	19	9618	20	19	16	09	20	81	8	02	2	0	0	8	2										
	22	9601	21	21	19	09	28	80	8	02	2	0	0	7	2					09	42		0000	33	17
29	01	9595	22	22	20	09	32	40	8	38	3	0	0	7	2										
	04	9590	22	22	18	09	24	40	8	38	3	0	0	7	2										
	07	9601	23	20	09	17	06	80	7	01	3	4	7	4	7	0									
	10	9603	23	22	19	00	00	08	8	71	7	0	0	4	2										
	13	9597	24	23	20	06	20	40	8	36	7	8	5	5											
	16	9607	23	22	18	06	20	30	7	37	3	2	1	4	3	1									
	19	9616	20	19	16	07	34	07	3	37	3	0	0	9	3	0									
	22	9620	21	20	17	09	36	02	8	39	3	0	0	8	9					09	50		0000	26	19
30	01	9616	21	20	18	09	46	01	8	39	3	0	0	7	2										
	04	9616	18	18	14	09	52	00		39	3														
	07	9652	17	17	14	17	25	45	6	36	3	1	7	4	9	0									
	10	9645	18	17	13	15	20	80	7	02	3	1	8	3	0	8									
	13	9634	24	22	16	21	08	81	7	02	3	0	0	8	7	2									
	16	9637	20	20	17	00	00	55	8	03	2	3	5	5	2										
	19	9632	17	17	14	15	08	45	8	71	7	3	6	4	2										
	22	9622	17	16	12	18	06	80	8	02	7	2	6	4	2					09	67		0008	25	14

Results of Surface Observations,
WILKES – Oct., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	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	9619	17	17	13	18	06	80	8	02	2	0	0	7	2										
	04	9632	17	17	15	03	08	24	8	71	7	0	0	5	2										
	07	9672	18	17	14	04	12	24	8	10	7	0	0	8	2										
	10	9709	19	18	14	01	04	55	8	03	2	2	6	4	2										
	13	9733	20	18	13	07	14	30	8	71	4	1	7	3	2										
	16	9757	18	17	13	09	22	40	8	38	7	2	7	4	2										
	19	9777	18	17	12	07	18	80	8	36	7	0	0	8	2										
	22	9791	16	15	10	36	10	80	8	02	2	3	6	4	7										
																				08	25		0001	21	14
02	01	9792	15	14	09	03	06	80	8	02	2	8	5	5	5										
	04	9787	13	13	09	03	02	81	7	02	2	5	5	5	5										
	07	9788	14	14	09	03	04	81	7	02	2	7	5	5	5										
	10	9788	17	16	10	03	06	81	8	02	2	8	5	5	5										
	13	9787	18	17	12	04	07	81	8	02	2	8	5	5	5										
	16	9793	18	12	08	05	04	81	7	02	2	7	5	5	5										
	19	9794	09	09	06	14	02	81	5	02	2	2	5	6	5										
	22	9790	08	07	501	00	00	81	8	03	2	0	0	9	0	7									
																				09	15		0001	19	05
03	01	9791	03	03	501	03	06	81	4	01	1	0	9	9	0										
	04	9791	06	05	00	06	01	81	6	02	1	0	9	9	0										
	07	9780	07	06	502	15	04	81	8	02	2	0	9	9	0										
	10	9762	08	07	01	18	05	81	7	02	2	0	9	9	0										
	13	9750	13	12	06	00	00	81	4	01	1	0	9	9	0										
	16	9746	13	12	05	00	00	81	6	02	2	0	9	9	0										
	19	9753	07	07	03	00	00	81	8	02	2	0	9	9	1										
	22	9741	07	07	01	00	00	81	8	02	2	0	9	9	0	7									
																				18	09		0000	23	01
04	01	9736	07	07	03	08	02	81	8	02	2	0	9	8	0										
	04	9742	06	06	01	24	06	81	8	02	2	0	8	8	7										
	07	9749	01	00	507	04	06	81	8	02	2	0	8	8	6										
	10	9765	09	08	01	29	10	81	1	01	1	0	8	9	1										
	13	9776	10	09	03	36	08	81	0	02	1	0	8	7	0										
	16	9795	08	07	00	03	08	81	8	03	2	0	0	6	3										
	19	9803	08	08	04	03	07	81	8	02	2	0	0	7	2										
	22	9812	08	07	501	05	06	80	8	02	2	0	0	6	2										
																				27	15		0000	11	501
05	01	9835	09	08	02	07	06	80	8	02	2	0	0	7	2										
	04	9856	08	08	03	05	06	81	8	02	2	0	0	7	2										
	07	9873	09	08	01	05	06	81	8	71	7	0	0	6	2										
	10	9885	10	10	03	07	05	81	8	02	7	0	0	6	2										
	13	9895	09	08	04	03	02	81	8	02	7	0	0	6	2										
	16	9907	09	08	03	00	00	81	8	02	2	0	0	4	2										
	19	9903	08	08	05	03	04	81	8	02	2	0	7	4	2										
	22	9897	08	07	01	01	04	80	8	02	2	0	7	6	2										
																				09	16		0000	11	06
06	01	9889	08	08	03	00	00	80	8	02	2	0	0	6	2										
	04	9879	08	07	00	00	00	80	8	71	7	0	5	6	2										
	07	9860	08	07	01	00	00	55	8	02	7	0	5	4	2										
	10	9853	10	10	04	16	05	80	8	70	2	3	7	2	2										
	13	9847	12	11	05	18	03	15	8	71	7	5	0	6	2										
	16	9838	14	13	08	00	00	80	8	22	7	0	2	4	2										
	19	9824	14	13	09	05	18	45	8	36	7	6	8	4	2										
	22	9815	15	14	09	05	18	24	8	38	3	6	6	4	2										
																				06	30		0000	16	04
07	01	9806	15	15	11	06	22	08	8	38	3	8	6	4	2										
	04	9804	15	15	12	06	26	04	8	38	3	8	6	4	2										
	07	9803	16	16	13	07	28	02	8	38	3	6	6	4	2										
	10	9822	15	15	13	04	24	08	8	38	3	6	6	4	2										
	13	9851	15	15	11	02	18	40	8	36	3	6	6	4	2										
	16	9870	14	13	10	03	12	80	8	02	3	3	7	4	2										
	19	9886	14	14	10	36	04	80	8	22	3	2	7	4	2										
	22	9897	14	13	10	16	10	40	8	71	7	0	0	5	2										
																				07	36		0000	18	12
08	01	9912	13	13	09	16	08	80	8	71	7	0	0	6	2										
	04	9930	17	16	12	14	03	40	8	71	7	0	0	6	2										
	07	9954	19	18	16	18	06	80	8	70	7	8	0	5	2										
	10	9966	24	22	17	00	00	80	8	02	7	5	0	5	2										
	13	9967	23	22	19	09	24	15	8	37	7	0	0	5	1										
	16	9980	22	22	18	09	24	16	8	38	7	2	0	5	2										
	19	9991	21	20	16	09	26	15	8	37	3	3	2	5	2										
	22	9995	21	20	16	09	24	30	8	36	3	3	2	5	2										
																				09	33		0016	25	11
09	01	10007	20	20	18	15	12	80	8	02	3	0	0	5	2										
	04	10020	19	18	15	17	08	80	8	02	2	0	0	5	2										
	07	10024	10	09	04	18	09	81	6	01	2	0	0	5	2										
	10	10025	11	10	05	20	07	65	7	05	2	0	0	5	2										
	13	10008	14	13	06	18	07	81	7	02	2	0	0	5	1										
	16	10001	15	15	11	02	11	81	7	02	2	0	0	5	0										
	19	9996	09	08	03	02	04	81	8	02	2	0	0	5	0										
	22	9993	07	06	502	00	00	81	8	02	2	0	0	5	0	7									
																				18	18		0000	23	07

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St. miles	Points	°F	°F
10	01	9983	08	07	01	17	05	81	8	02	2	0	0	9	0	7									
	04	9979	09	08	03	17	11	25	8	71	2	0	0	7	2										
	07	9971	10	10	08	18	10	24	8	71	7	0	0	6	2										
	10	9970	13	13	09	18	14	40	8	71	7	8	6	4											
	13	9961	17	16	12	21	06	24	8	71	7	3	6	4	2										
	16	9938	19	19	16	09	28	24	8	38	7	2	6	4	2										
	19	9921	17	17	14	09	32	16	8	38	7	2	7	4	2										
	22	9897	17	16	13	09	39	01		38	3									09	57		0001	21	06
11	01	9870	17	16	14	09	44	01		39	3														
	04	9833	16	16	13	09	54	00		39	3														
	07	9800	16	16	13	09	56	00		39	3														
	10	9769	18	18	16	09	62	00		39	3														
	13	9750	17	17	15	10	64	00		39	3														
	16	9722	15	15	12	10	66	00		39	3														
	19	9721	13	12	08	13	48	00	8	39	3	0	0	6	9										
	22	9708	15	15	11	16	32	01	8	37	3	8	5	5						10	82		0000	21	12
12	01	9593	15	15	11	10	71	00		39	3														
	04	9565	15	15	12	10	77	00		39	3														
	07	9554	15	14	11	10	71	00		39	3														
	10	9546	16	16	13	09	64	00		39	3														
	13	9551	17	17	14	10	56	00	8	39	3	0	0	6	9										
	16	9545	18	17	14	10	54	01	8	39	3	3	7	3	9										
	19	9549	18	17	13	10	48	02	8	39	3	4	7	3	9										
	22	9549	20	19	15	10	46	02	8	37	3	8	6	4						10	95		0000	22	14
13	01	9565	21	20	15	10	36	02	8	37	3	8	6	3											
	04	9566	20	19	14	10	47	40	8	36	3	2	8	3											
	07	9596	23	23	22	35	08	08	8	71	3	0	0	4	2										
	10	9599	23	23	22	00	00	24	8	71	7	8	6	4											
	13	9595	24	24	22	16	04	04	8	71	7	0	0	4	2										
	16	9596	22	22	21	12	10	04	8	73	7	0	0	4	2										
	19	9595	21	21	18	11	29	00	8	39	7	0	0	7	7										
	22	9596	19	18	16	09	40	00		39	3									10	59		0000	29	18
14	01	9603	19	18	15	10	39	00		39	3														
	04	9610	26	22	12	09	40	16	8	36	3	0	0	6	9										
	07	9644	21	20	16	18	12	30	8	38	3	2	7	4	9										
	10	9648	21	20	16	18	12	24	8	38	3	2	7	4	9										
	13	9665	20	20	17	09	34	30	8	38	3	2	7	4	9										
	16	9699	24	22	16	14	02	60	8	03	3	5	7	4	9										
	19	9716	22	21	17	27	08	60	8	71	7	2	7	4	7										
	22	9722	21	20	16	27	11	40	8	71	7	6	7	3						10	71		0012	27	18
15	01	9726	22	21	17	35	02	50	8	71	7	8	5	5											
	04	9737	20	19	16	27	08	80	8	71	7	3	1	3	7										
	07	9746	21	20	17	00	00	81	8	02	7	6	5	4											
	10	9746	18	18	16	16	09	80	8	02	2	1	5	4	7										
	13	9744	18	18	15	04	06	80	8	02	2	1	5	4	7										
	16	9742	19	18	14	04	06	81	7	02	2	0	0	9	5										
	19	9747	16	15	08	08	11	81	8	02	2	0	0	9	7										
	22	9751	15	14	10	01	09	80	8	02	2	8	5	5						03	15		0000	23	11
16	01	9753	13	13	08	03	06	80	8	70	2	8	5	5											
	04	9760	13	12	04	03	08	40	8	71	7	8	5	4											
	07	9768	12	12	07	03	10	55	8	02	7	6	5	4	7										
	10	9770	12	12	07	03	12	70	8	02	2	8	5	5											
	13	9771	14	13	08	03	13	55	8	02	2	5	5	5	2										
	16	9776	15	14	10	03	14	80	8	03	2	8	5	5											
	19	9782	14	13	08	03	15	80	7	01	2	7	5	5	0	0									
	22	9790	14	14	09	03	14	80	7	02	7	7	5	5	0	0				03	20		0000	16	10
17	01	9793	14	14	09	03	13	80	8	02	2	8	5	5											
	04	9793	15	14	09	04	08	80	8	71	2	8	5	5											
	07	9791	13	13	10	03	12	55	8	71	7	8	5	5											
	10	9788	15	14	11	02	02	45	8	71	7	8	5	5											
	13	9769	16	15	11	17	08	80	8	71	7	1	1	4	7										
	16	9746	13	13	08	03	08	81	8	02	7	1	5	4	2										
	19	9719	13	13	08	12	03	81	8	02	7	1	5	5	7	2									
	22	9690	19	18	13	12	20	80	8	02	2	0	0	8	2					09	42		0000	21	11
18	01	9672	16	14	07	12	20	80	7	02	3	1	5	5	7	0									
	04	9669	16	15	10	12	16	80	7	02	2	3	5	5	5	5									
	07	9674	15	14	09	18	09	81	6	01	2	0	0	7	5	0									
	10	9684	23	20	12	00	00	81	6	01	2	0	0	7	7	2									
	13	9695	19	18	13	16	11	81	2	01	1	0	0	9	3	1									
	16	9708	21	20	13	00	00	81	3	02	1	0	0	9	0	6									
	19	9726	15	14	08	05	06	81	7	03	1	0	0	9	0	6									
	22	9738	15	15	13	07	11	81	7	02	2	0	0	9	0	6				12	33		0000	26	11

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St.miles	Points	°F	°F
19	01	9753	14	14	10	15	06	80	7	02	2	0	0	8	7	8								
	04	9775	06	06	01	16	06	81	7	02	2	3	5	5	7	8								
	07	9805	06	06	02	16	08	80	7	01	2	7	5	5	0	0								
	10	9825	10	09	01	23	02	81	7	01	2	1	5	5	0	8								
	13	9847	10	09	501	27	12	81	6	02	2	0	0	9	0	0								
	16	9857	09	08	502	28	12	81	7	02	2	7	5	5	0	1								
	19	9863	08	06	506	28	11	81	2	01	1	2	5	5	0	1								
	22	9867	07	06	502	30	10	81	3	02	0	2	5	5	0	5				30	18		0000	18	05
20	01	9865	05	04	504	30	07	81	1	01	0	0	0	9	0	5								
	04	9868	01	01	505	06	12	81	7	03	1	7	5	5	0	0								
	07	9872	05	04	502	09	02	80	7	70	7	7	5	5	0	0								
	10	9882	06	06	502	24	10	80	6	01	2	6	1	4	0	0								
	13	9887	05	05	501	27	06	81	7	03	2	7	1	4	0	0								
	16	9883	07	06	504	27	07	81	5	02	2	5	1	4	0	0								
	19	9884	05	04	505	25	01	81	7	02	2	7	5	5	0	0								
	22	9883	02	02	505	06	06	81	1	01	1	1	5	5	0	0				06	18		0000	09	503
21	01	9883	504	504	510	14	04	81	0	02	0	0	0	9	0	0								
	04	9880	505	505	509	18	04	81	2	03	0	0	0	9	0	5								
	07	9863	01	01	506	00	00	81	3	03	0	1	5	5	0	6								
	10	9858	03	02	503	03	15	81	1	01	0	1	5	5	0	6								
	13	9844	04	04	501	03	09	81	1	01	0	1	5	5	0	5								
	16	9840	05	05	502	18	02	81	4	02	1	1	5	5	0	1								
	19	9820	01	01	505	05	02	81	1	01	0	0	0	9	0	5								
	22	9813	00	500	507	00	00	81	1	02	0	0	0	9	0	5				03	22		0000	09	507
22	01	9803	00	500	507	12	04	81	1	02	2	0	0	9	0	5								
	04	9798	501	502	511	12	04	81	7	03	1	0	0	9	0	1								
	07	9798	03	02	506	05	04	81	6	02	1	0	0	9	0	6								
	10	9801	06	05	503	03	07	81	3	01	1	1	5	5	0	6								
	13	9799	11	10	04	17	04	81	6	03	1	0	0	9	0	6								
	16	9800	10	09	03	18	08	81	8	02	2	0	0	9	0	6								
	19	9796	08	07	501	00	00	81	8	02	2	0	0	9	0	6								
	22	9795	07	07	502	17	07	80	5	01	2	0	0	9	0	8				18	11		0000	13	503
23	01	9794	07	06	505	04	11	80	5	02	2	0	0	9	0	8								
	04	9798	09	07	504	00	00	81	7	03	2	0	0	9	0	7								
	07	9803	08	07	501	18	07	81	8	02	2	0	0	7	7	7								
	10	9805	14	12	04	00	00	81	8	02	2	0	0	7	7	6								
	13	9804	17	16	08	30	04	81	8	02	2	0	0	9	7	7								
	16	9802	16	15	11	33	06	81	8	02	2	0	0	9	0	7								
	19	9801	09	09	06	05	09	81	1	01	1	0	0	9	4	6								
	22	9802	07	06	00	07	11	81	1	01	0	0	0	9	0	8				05	15		0000	19	05
4	01	9808	06	05	504	06	13	81	1	03	0	0	0	9	0	8								
	04	9814	06	05	503	09	13	81	6	03	1	0	0	9	0	8								
	07	9817	12	11	05	18	06	81	7	02	2	3	5	5	7	0								
	10	9814	16	15	08	18	08	81	4	01	2	1	5	5	7	0								
	13	9805	17	16	11	18	02	81	0	01	1	0	0	8	5	1								
	16	9802	17	16	11	17	05	81	0	02	0	0	0	9	0	0								
	19	9792	13	11	00	08	05	81	0	02	0	0	0	9	0	0								
	22	9789	08	07	501	07	06	81	1	03	0	1	5	5	0	0				09	16		0000	19	05
25	01	9790	08	07	501	08	12	81	1	02	0	1	5	5	0	0								
	04	9801	06	05	503	08	04	81	1	02	0	1	5	5	0	0								
	07	9804	09	09	04	12	03	81	0	02	0	0	0	9	0	0								
	10	9802	18	16	08	00	00	81	1	02	0	0	0	7	7	0								
	13	9792	18	16	08	00	00	81	0	02	0	0	0	9	0	0								
	16	9780	17	15	08	33	03	81	1	03	0	1	4	5	0	0								
	19	9764	13	12	06	06	04	81	1	02	0	1	5	5	0	0								
	22	9749	07	06	02	08	10	81	1	01	0	1	4	4	0	0				08	14		0000	21	03
26	01	9734	04	04	00	00	00	81	1	02	0	1	4	5	0	0								
	04	9727	02	02	504	09	02	81	7	70	7	7	5	5	0	0								
	07	9720	09	08	02	04	10	81	4	01	1	4	5	5	0	0								
	10	9723	09	09	04	03	14	81	8	03	1	8	5	5										
	13	9725	09	08	03	03	18	80	7	02	2	7	5	4	0	0								
	16	9735	08	07	01	05	16	81	7	02	2	7	5	5	0	0								
	19	9745	09	08	01	07	10	81	8	02	2	8	5	5										
	22	9751	08	08	03	07	14	80	7	02	2	7	5	5	0	0				02	23		0000	10	00
27	01	9763	08	08	03	05	12	80	7	22	7	7	5	5	0	0								
	04	9780	08	07	00	08	10	80	7	02	2	7	5	5	0	0								
	07	9803	08	07	00	08	08	81	8	02	2	8	5	5										
	10	9819	09	08	01	04	13	81	8	02	2	8	5	5										
	13	9840	10	09	00	02	08	81	8	02	2	8	5	5										
	16	9856	10	09	02	03	02	81	8	02	2	8	5	5										
	19	9876	02	02	505	11	12	81	2	01	1	2	5	5	0	0								
	22	9885	500	501	507	09	15	81	1	01	0	1	5	5	0	0				09	20		0000	10	502

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St. miles	Points	°F	°F
28	01	9891	500	501	510	09	17	81	1	02	0	1	5	5	0	0								
	04	9902	500	501	507	06	12	81	1	01	0	1	5	4	0	5								
	07	9913	05	04	505	06	10	81	5	03	1	0	0	9	0	6								
	10	9914	10	09	03	06	02	81	8	03	2	3	5	5	0	8								
	13	9912	11	11	05	12	04	81	8	02	2	8	5	5										
	16	9905	10	09	01	17	09	81	8	02	2	8	5	5										
	19	9894	09	08	00	14	02	81	7	02	2	7	5	5	0	0								
	22	9870	12	10	01	25	10	81	7	02	2	7	5	5	0	0				08	19		0000	14	502
29	01	9851	501	501	505	18	09	81	0	01	1	0	0	9	0	0								
	04	9832	505	505	509	19	07	81	0	02	0	0	0	9	0	0								
	07	9814	504	505	509	18	08	81	0	02	0	0	0	9	0	0								
	10	9792	00	500	507	18	12	81	0	02	0	0	0	9	0	0								
	13	9793	05	04	503	18	12	81	0	02	0	0	0	9	0	0								
	16	9797	11	10	03	18	20	81	2	02	0	0	0	9	0	5								
	19	9813	10	10	04	18	13	81	2	02	0	0	0	9	0	4								
	22	9809	05	05	501	19	07	81	2	03	0	0	0	9	0	8				18	32		0000	12	508
30	01	9825	15	13	04	04	16	81	7	03	1	0	0	9	7	0								
	04	9858	17	16	10	03	14	81	7	03	2	0	0	9	3	0								
	07	9872	15	14	08	33	12	80	8	02	2	5	6	4										
	10	9861	23	22	18	08	26	40	8	38	3	0	0	7	2									
	13	9840	21	20	17	09	46	00		39	3													
	16	9843	21	20	16	09	40	00		39	3													
	19	9867	23	22	18	10	30	04	8	39	3	6	7	5	9									
	22	9885	24	22	17	18	10	40	8	38	3	5	7	5	9					08	60		0000	26	04
31	01	9869	22	21	16	18	09	81	8	02	3	8	5	5											
	04	9857	22	21	15	10	10	81	7	02	2	7	5	5	0	0								
	07	9820	27	26	22	00	00	81	3	01	1	0	0	7	5	0								
	10	9774	25	24	21	15	20	40	5	38	1	0	0	7	7	1								
	13	9727	30	29	26	05	18	55	7	03	3	1	7	4	7	7								
	16	9643	23	23	22	10	44	00		39	3													
	19	9577	22	22	20	09	73	00		39	3													
	22	9557	22	22	19	10	59	00		39	3									10	91		0000	31	20

Results of Surface Observations,
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LOCAL STANDARD TIME			TEMPERATURES			SURFACE WIND							LOW CLOUD					DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST				EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	° × 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	° × 10	kt	St. miles	Points	°F	°F
01	01	9574	25	23	18	10	36	50	7	01	3	7	5	5	0	0									
	04	9568	30	28	22	09	29	80	7	36	3	0	5	8	9	0									
	07	9580	32	30	27	07	29	55	6	02	3	5	5	5	7	0									
	10	9584	33	31	27	06	30	55	6	02	2	3	5	5	7	0									
	13	9595	33	33	32	04	35	30	6	38	2	2	7	0	9	0									
	16	9630	32	31	29	05	28	15	8	73	3	0	0	5	2										
	19	9666	30	30	30	08	24	16	8	71	7	0	0	5	2										
	22	9686	30	29	27	05	26	25	8	71	3	2	5	5	1					06	49		0000	34	22
02	01	9715	28	27	25	08	30	15	7	71	3	4	5	5	7	0									
	04	9747	27	26	23	09	24	50	8	71	7	2	5	5	7										
	07	9768	28	27	25	09	22	60	8	02	7	8	5	5											
	10	9786	30	27	21	09	18	80	8	02	2	0	5	8	7										
	13	9794	30	30	29	09	18	55	8	03	2	6	5	8	2										
	16	9799	29	28	25	08	21	81	8	02	2	0	5	8	7										
	19	9809	28	27	25	09	22	80	8	02	2	0	0	8	7										
	22	9813	28	26	21	08	21	81	8	02	2	0	0	8	2					09	38		0010	31	26
03	01	9804	29	26	20	08	22	81	8	02	2	1	5	5	7										
	04	9814	28	25	18	06	13	60	8	77	2	0	5	8	7										
	07	9819	29	26	21	09	12	81	8	02	7	0	5	7	2										
	10	9817	29	27	23	18	05	81	8	02	7	2	5	5	7										
	13	9806	32	32	31	17	06	81	7	03	2	5	5	5	2	0									
	16	9802	32	27	16	00	00	81	7	14	2	0	5	7	7	0									
	19	9803	27	26	24	14	04	81	7	77	2	0	5	7	7	0									
	22	9800	26	24	19	07	06	81	8	02	7	0	5	8	7					07	30		0000	34	23
04	01	9799	27	25	21	30	08	81	8	02	7	5	5	5	7										
	04	9804	25	24	20	27	01	81	8	71	2	6	5	5	7										
	07	9806	27	26	23	21	05	81	8	02	7	8	5	5											
	10	9806	28	26	21	26	06	81	8	02	2	5	5	5	7										
	13	9802	30	27	21	27	04	81	7	01	2	0	5	9	7	0									
	16	9795	29	26	20	27	02	81	7	02	2	1	5	5	3	0									
	19	9791	27	25	20	30	20	81	6	01	2	1	5	5	3	0									
	22	9787	25	23	18	32	05	81	7	02	2	7	5	5	0	0				06	13		0001	32	23
05	01	9787	24	22	17	03	02	81	8	02	2	8	5	5											
	04	9789	22	21	17	09	03	81	8	02	2	8	5	5											
	07	9782	24	23	20	00	00	81	8	02	2	8	5	5											
	10	9780	23	22	19	03	08	81	8	02	2	8	5	5											
	13	9781	21	21	18	04	10	80	8	02	2	8	5	5											
	16	9782	21	20	18	03	05	80	8	02	2	8	5	5											
	19	9783	21	21	18	36	06	81	7	01	2	7	5	5	0	0									
	22	9781	21	20	15	08	06	81	8	02	2	8	6	4						35	14		0000	26	19
06	01	9784	19	18	13	10	05	81	8	02	2	8	6	4											
	04	9786	16	14	07	09	10	80	5	22	2	4	6	4	0	1									
	07	9784	19	17	08	09	08	81	5	70	7	5	5	5	0	0									
	10	9784	24	20	12	36	02	81	8	15	2	7	5	5	0	5									
	13	9777	22	21	16	36	05	81	6	26	2	6	5	5	0	5									
	16	9771	22	21	15	05	03	81	8	14	2	1	8	4											
	19	9763	22	20	13	06	06	81	8	15	2	1	8	4											
	22	9757	21	20	15	03	08	81	8	02	2	8	5	6						03	11		0000	25	14
07	01	9760	21	19	13	04	07	81	8	02	2	8	5	6											
	04	9762	19	18	12	03	08	81	8	02	2	8	5	6											
	07	9755	20	19	13	05	12	80	8	02	2	8	5	6											
	10	9749	23	21	14	03	06	81	7	01	2	6	5	5	0	5									
	13	9748	21	19	11	05	06	81	8	02	2	1	8	4											
	16	9742	22	20	14	05	06	81	7	01	2	1	8	4	0	0									
	19	9736	21	19	12	09	07	80	8	40	2	1	6	3	1	8									
	22	9729	20	19	12	06	07	80	8	02	2	8	5	6						09	24		0000	24	18
08	01	9729	21	20	15	18	12	80	8	02	2	8	5	6											
	04	9727	23	20	12	10	21	80	8	40	2	8	5	6											
	07	9729	22	21	17	09	27	80	8	36	4	8	5	5											
	10	9729	23	22	17	11	20	16	8	71	3	8	6	4											
	13	9732	27	24	16	12	10	40	8	40	7	6	7	4	2										
	16	9728	25	23	17	09	22	81	7	14	4	1	8	4	0	0									
	19	9736	25	22	15	18	08	81	8	14	7	8	5	5											
	22	9733	24	22	16	14	06	81	8	02	2	5	5	5	7	0				09	36		0000	28	19
09	01	9733	24	21	14	17	06	81	8	02	2	6	5	5	7										
	04	9730	23	20	10	09	13	81	8	02	2	6	5	5	7										
	07	9735	23	21	16	04	09	81	8	02	2	2	5	5	0	7									
	10	9741	26	23	17	35	09	81	7	01	2	6	5	5	0										
	13	9746	27	24	16	27	07	81	8	05	2	1	8	4	3	5									
	16	9753	27	24	18	22	04	81	8	03	2	1	5	4	0	7									
	19	9761	24	22	16	00	00	81	8	02	2	1	5	5	0	6									
	22	9767	21	20	14	08	08	30	8	71	7	8	5	5		7				09	22		0000	28	20

Results of Surface Observations,
WILKES – Nov., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10^{-1}	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	01	9773	21	19	14	04	12	80	8	02	7	8	5	5											
	04	9784	20	19	14	03	14	80	8	02	2	8	5	5											
	07	9787	18	18	16	01	14	55	7	40	2	7	5	5	0	0									
	10	9792	18	18	15	02	12	80	8	02	2	8	5	5											
	13	9794	21	20	16	03	09	81	8	02	2	8	5	4											
	16	9794	21	19	14	04	10	81	8	02	2	8	5	4											
	19	9793	20	19	15	05	10	80	7	01	2	7	5	4	0	0									
	22	9787	19	18	14	04	09	80	8	02	2	8	5	4						35	19		0000	22	18
11	01	9784	15	14	11	09	13	81	7	02	2	7	5	5	0	0									
	04	9790	14	13	05	12	05	81	4	01	2	2	5	5	0	5									
	07	9797	18	16	08	05	06	81	3	01	1	1	5	5	0	6									
	10	9814	20	18	10	02	08	81	1	01	0	1	5	5	0	6									
	13	9827	21	18	07	01	04	81	2	03	0	1	5	5	4	4									
	16	9835	19	17	10	02	10	81	7	03	1	6	5	5	0	1									
	19	9844	17	16	12	03	09	80	7	85	8	7	5	5	0	0									
	22	9849	19	17	10	28	05	81	7	70	7	7	5	5	0	0				09	15		0000	22	11
12	01	9852	19	18	14	27	04	81	7	02	7	7	5	5	0	0									
	04	9858	18	16	08	18	06	81	7	70	2	7	5	5	0	0									
	07	9856	16	15	12	03	12	81	8	03	7	1	5	4	7	6									
	10	9852	19	17	12	04	04	81	7	03	2	1	5	5	3	0									
	13	9838	21	19	11	00	00	80	8	02	2	3	5	5	1										
	16	9829	18	16	09	02	08	81	8	03	2	1	5	5	2										
	19	9828	18	17	11	02	10	81	7	02	7	1	5	5	7	0									
	22	9827	13	12	06	08	05	81	5	01	2	1	5	5	7	0				03	15		0000	22	11
13	01	9833	10	09	03	03	02	81	1	01	1	1	5	5	0	0									
	04	9835	09	09	04	12	08	81	2	02	0	0	5	9	0	5									
	07	9840	16	14	06	05	06	81	1	03	0	1	5	5	0	5									
	10	9840	19	17	08	03	08	81	1	02	0	1	5	5	0	5									
	13	9828	21	19	12	00	00	81	7	03	1	0	0	9	5	1									
	16	9815	20	18	10	17	04	80	8	03	2	0	0	8	7										
	19	9799	21	20	16	00	00	40	8	71	7	0	0	6	2										
	22	9750	19	18	14	09	30	16	8	36	7	0	0	7	2					09	49		0000	23	07
14	01	9728	20	20	18	09	44	00		39	3														
	04	9705	20	20	19	09	56	00		39	3														
	07	9703	20	20	19	09	54	00		39	3														
	10	9718	20	20	17	09	42	00	8	38	3	0	0	8	3	0									
	13	9735	22	21	18	09	30	40	8	38	3	4	7	5	7										
	16	9750	24	23	17	07	20	81	8	02	3	1	5	5	7										
	19	9762	25	22	13	06	16	80	8	77	3	0	0	8	7										
	22	9776	24	22	17	06	11	80	8	02	7	0	0	9	7					09	69		0000	26	20
15	01	9780	24	22	16	07	13	80	8	02	2	0	0	9	7										
	04	9788	24	22	17	06	06	80	7	01	2	0	0	9	7	0									
	07	9800	26	24	18	04	14	80	8	02	2	5	5	5	7										
	10	9806	25	23	17	02	08	80	8	05	2	1	5	5	7										
	13	9799	27	25	20	00	00	80	8	05	2	6	5	5	7										
	16	9786	27	25	20	22	02	80	7	77	2	1	5	4	7	0									
	19	9766	26	24	20	30	03	80	7	05	7	1	8	4	3	0									
	22	9737	25	24	20	30	03	80	8	02	2	8	5	5						08	18		0000	29	22
16	01	9706	25	24	20	32	05	80	7	02	2	7	5	5	0	0									
	04	9691	23	22	17	04	08	81	7	02	2	7	5	5	0	0									
	07	9689	24	23	20	05	11	81	7	02	2	7	5	5	0	0									
	10	9700	25	24	20	33	06	81	7	02	7	1	8	4	0	0							0000		
	13	9725	26	25	22	33	13	50	8	85	7	1	8	3											
	16	9748	25	24	20	11	10	50	8	02	8	2	7	3											
	19	9779	24	24	21	04	09	08	8	73	8	7	7	3											
	22	9807	22	20	14	06	06	80	8	02	2	4	5	5	7					03	17		0000	27	22
17	01	9835	21	20	17	06	08	55	8	40	7	3	5	5	7										
	04	9863	21	19	14	06	08	80	7	01	2	2	5	5	3	4									
	07	9889	25	23	17	03	01	81	6	01	2	1	5	5	3	0									
	10	9904	29	26	19	16	01	81	3	01	1	1	8	4	3	1									
	13	9922	31	28	22	00	00	81	5	02	1	5	7	1	5	0									
	16	9931	30	28	24	16	01	81	7	03	2	7	5	5	0	0									
	19	9943	27	26	23	00	00	81	3	02	1	3	5	6	0	0									
	22	9949	19	18	12	10	10	80	1	01	0	1	4	5	0	0				11	19		0003	34	14
18	01	9948	19	18	12	16	08	81	1	02	0	1	4	5	0	0									
	04	9943	22	19	08	00	00	81	1	02	0	0	5	5	0	0									
	07	9936	25	22	15	06	04	81	1	02	0	0	5	5	0	0									
	10	9924	28	25	17	00	00	81	1	03	0	0	0	9	0	1									
	13	9911	29	26	19	00	00	81	2	03	0	0	0	9	0	6									
	16	9893	22	21	18	22	07	81	1	01	0	0	0	9	0	5									
	19	9872	27	23	12	24	04	81	2	03	0	0	0	9	0	6									
	22	9849	19	17	11	00	00	81	2	02	0	0	0	9	0	6				11	20		0000	31	15

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
19	01	9827	17	15	07	10	02	81	2	03	0	1	5	4	0	6									
	04	9817	17	16	11	04	06	81	8	03	1	1	5	4	0	7									
	07	9813	22	20	13	27	05	81	6	02	2	1	5	4	0	8									
	10	9813	21	19	10	27	02	81	0	01	0	0	0	9	0	0									
	13	9817	24	21	13	00	00	81	0	02	0	0	0	9	0	0									
	16	9817	23	19	06	35	04	81	2	03	0	0	0	9	0	5									
	19	9815	20	18	12	03	09	80	8	05	1	1	5	5	1	7									
	22	9785	21	20	16	08	18	40	8	40	3	0	0	7	2					08	31		0000	25	14
20	01	9749	24	24	22	08	32	08	8	39	3	0	0	7	2										
	04	9717	23	23	22	08	40	00		39	3														
	07	9707	24	23	20	07	41	00		39	3														
	10	9722	28	27	24	07	33	02	7	38	3	6	5	5	3	0									
	13	9752	29	26	20	06	20	81	8	02	3	7	5	4	2										
	16	9767	28	27	24	04	15	80	8	71	7	5	5	5	2										
	19	9788	24	24	21	03	16	16	8	71	7	0	0	5	2										
	22	9802	21	21	19	03	12	16	8	71	7	0	0	5	2					08	60		0000	29	21
21	01	9817	23	22	20	02	08	04		73	7														
	04	9835	21	21	19	04	05	04		73	7														
	07	9844	25	25	24	00	00	40	8	71	7	0	0	7	7										
	10	9848	28	27	24	00	00	55	7	01	7	0	0	7	7	0									
	13	9856	30	28	23	22	04	80	3	01	7	3	5	5	0	0									
	16	9861	30	27	20	00	00	81	2	02	0	2	5	5	0	0									
	19	9861	20	20	17	10	05	81	1	01	0	1	4	5	0	0									
	22	9855	18	17	13	09	06	81	0	02	0	0	0	9	0	0				02	11		0024	33	15
22	01	9851	15	14	07	11	02	81	0	02	0	0	0	9	0	0									
	04	9851	20	18	09	00	00	81	0	02	0	0	0	9	0	0									
	07	9838	23	21	17	19	05	81	0	02	0	0	0	9	0	0									
	10	9830	24	22	17	03	06	81	0	02	0	0	0	9	0	0									
	13	9824	26	24	19	02	04	81	0	02	0	0	0	9	0	0									
	16	9816	27	25	21	04	05	81	1	02	0	1	5	7	0	0									
	19	9800	22	21	18	04	07	81	1	03	1	1	4	5	5	0									
	22	9784	21	19	12	02	07	81	7	03	1	0	0	8	3	0				03	12		0000	28	11
23	01	9768	22	21	17	01	05	81	7	02	1	1	5	5	7	0									
	04	9754	22	21	18	01	09	81	8	02	2	1	5	5	7										
	07	9749	22	21	17	02	10	81	8	02	2	1	7	4	9										
	10	9740	23	23	21	02	08	81	8	02	2	1	7	4	9										
	13	9732	25	24	21	02	12	81	8	03	2	2	5	6											
	16	9731	25	23	19	05	20	81	8	02	2	2	8	4	0	0									
	19	9737	22	21	16	07	15	81	6	02	2	5	5	6	0	1									
	22	9731	23	21	16	09	23	81	7	02	2	7	5	6	0	1				09	31		0000	26	19
24	01	9736	24	22	16	09	22	81	8	70	2	1	8	3	2	2									
	04	9742	25	23	18	10	21	81	8	36	2	2	7	3	3	8									
	07	9748	25	24	20	10	28	80	8	36	3	2	7	4	3										
	10	9759	31	26	14	29	01	80	8	02	3	2	8	5	9										
	13	9774	29	28	25	09	08	60	8	02	2	0	7	5	7										
	16	9775	27	26	23	09	31	40	8	40	3	0	8	4	2	2									
	19	9798	28	26	21	08	25	55	7	36	4	1	7	4	9	0									
	22	9824	27	25	21	09	26	80	8	36	2	4	5	4	2					07	40		0000	32	22
25	01	9843	27	25	19	09	21	81	8	02	3	2	5	5	2										
	04	9863	28	26	21	09	14	80	8	02	3	2	6	4	7										
	07	9871	28	27	23	33	06	80	7	01	2	1	5	5	3	6									
	10	9875	34	31	25	00	00	80	7	03	2	0	7	3	5	0									
	13	9872	33	31	28	22	04	81	6	02	2	0	8	5	3	0									
	16	9866	35	32	27	23	02	81	6	02	2	4	6	7	3	0									
	19	9864	30	28	25	04	04	81	7	03	2	0	7	7	6	0									
	22	9862	29	27	23	04	04	81	8	02	2	0	0	7	6					09	26		0000	36	25
26	01	9869	28	28	27	00	00	16	8	71	2	0	0	8	7	8									
	04	9868	28	26	22	00	00	81	8	02	2	7	5	5	7										
	07	9866	31	29	25	03	07	81	8	70	2	7	5	5	7										
	10	9865	30	29	27	35	02	55	8	02	7	4	5	0	7										
	13	9869	32	30	28	21	04	80	5	01	7	0	7	8	7										
	16	9873	31	30	28	21	03	80	7	70	7	1	7	4	7	4									
	19	9867	30	28	25	22	04	81	7	70	7	3	5	6	7	0									
	22	9867	29	28	26	20	02	81	8	71	2	0	0	8	7					03	11		0002	35	25
27	01	9869	27	26	23	00	00	81	7	22	2	0	0	8	7	0									
	04	9873	28	26	23	00	00	80	8	70	2	0	0	8	7										
	07	9879	29	28	25	04	02	55	8	71	7	0	0	8	7										
	10	9883	31	29	27	34	04	55	8	70	7	4	5	5	7										
	13	9890	30	29	27	36	06	80	7	70	7	7	5	5	7	0									
	16	9900	29	28	26	02	12	80	8	70	7	1	8	4											
	19	9908	28	27	24	02	12	80	8	01	7	1	8	4	7	9									
	22	9919	27	26	23	03	10	80	8	85	2	2	7	4	9					02	15		0000	32	26

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°× 10	kt	St.miles	Points	°F	°F
28	01	9925	26	26	24	02	12	08	8	71	7	0	0	4	2										
	04	9934	26	25	22	04	21	30	8	71	7	0	0	4	2										
	07	9943	26	25	22	05	11	55	8	70	7	0	0	4	2										
	10	9950	26	25	22	05	17	08	8	73	7	6	7	2	2										
	13	9950	26	25	23	05	20	08	8	73	3	6	7	4	2										
	16	9954	25	25	24	01	17	08	8	71	7	2	7	4	2										
	19	9954	25	25	24	02	12	02		73	3														
	22	9948	25	25	24	03	07	08	8	71	7	0	0	4	2					05	27		0000	28	24
29	01	9937	26	25	22	03	06	08	8	71	7	0	0	4	2										
	04	9929	25	24	20	07	17	45	8	36	7	8	6	4											
	07	9921	26	25	21	08	16	81	8	02	3	2	5	5	7	0									
	10	9921	27	26	23	17	10	80	7	05	2	0	0	8	3	2									
	13	9919	30	29	26	12	02	81	6	02	2	2	5	5	7	0									
	16	9920	29	27	24	00	00	81	6	02	2	2	1	5	5	2									
	19	9913	27	26	24	35	02	81	7	02	2	2	5	6	7	0									
	22	9909	25	24	20	02	04	55	7	03	2	7	5	6	0	0				08	23		0008	32	23
30	01	9912	24	24	21	35	02	80	7	01	2	7	5	6	0	0									
	04	9911	22	21	16	03	04	81	8	03	2	1	5	5	3	8									
	07	9908	27	25	20	00	00	81	6	02	2	1	5	5	0	2									
	10	9906	29	26	19	18	02	81	5	02	2	1	5	5	0	1									
	13	9901	31	30	27	22	02	81	5	02	2	0	0	9	0	6									
	16	9901	29	27	24	22	05	81	1	01	1	0	0	9	0	5									
	19	9898	27	25	20	17	05	81	2	03	0	1	5	6	0	1									
	22	9897	22	21	18	17	06	81	1	01	0	1	4	6	0	1				15	08		0000	33	18

Results of Surface Observations,
WILKES – Dec., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	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	9897	21	20	17	15	03	81	7	03	1	1	4	6	0	8									
	04	9896	20	20	17	05	02	81	1	01	1	1	4	6	0	5									
	07	9893	25	24	19	03	02	81	7	02	0	0	0	9	0	1									
	10	9887	27	24	16	02	07	81	6	02	2	0	0	9	0	2									
	13	9888	28	26	20	01	08	81	6	02	2	0	0	9	0	4									
	16	9882	26	25	21	04	10	81	6	03	2	6	5	6	0	4									
	19	9888	23	22	18	05	07	81	7	02	2	3	5	6	0	2									
	22	9888	20	19	14	06	04	81	7	01	2	2	5	6	0	2				02	18		0000	29	19
02	01	9893	21	20	17	07	04	81	7	03	2	7	5	6	0	0									
	04	9895	20	19	14	09	05	81	7	01	2	5	5	6	0	2									
	07	9894	27	25	18	00	00	81	6	01	2	2	5	6	0	2									
	10	9888	25	22	12	15	04	81	2	01	1	1	5	6	0	1									
	13	9881	27	24	17	18	05	81	2	02	1	1	5	6	0	1									
	16	9869	27	24	17	18	06	81	1	02	0	1	5	5	0	8									
	19	9853	26	24	17	17	06	81	1	02	0	1	5	5	0	0									
	22	9840	21	20	16	13	08	81	1	01	0	1	5	5	0	0				09	10		0000	29	16
03	01	9834	19	18	14	04	05	81	1	02	0	1	5	5	0	5									
	04	9826	20	19	13	07	10	81	1	03	0	1	5	5	0	5									
	07	9818	26	24	21	07	15	81	1	02	0	1	5	5	0	6									
	10	9806	31	26	15	10	09	81	7	03	1	1	5	5	0	7									
	13	9794	33	30	24	02	10	81	8	02	2	1	5	5	0	7									
	16	9760	32	30	25	02	08	80	8	02	2	2	5	5	0	7									
	19	9732	28	27	26	09	35	16	8	38	2	2	5	5	0	9									
	22	9716	28	27	25	07	38	16	8	39	3	0	0	7	0	9				07	48		0000	35	16
04	01	9723	29	28	26	07	35	16	8	39	3	0	0	7	0	9									
	04	9730	29	28	27	09	34	24	8	39	3	0	0	7	0	9									
	07	9729	30	30	28	09	35	30	8	39	3	2	0	7	5	9									
	10	9730	32	29	23	08	34	80	7	36	3	0	0	9	7	7	0								
	13	9742	34	32	29	09	30	81	8	36	3	0	0	8	7	7									
	16	9737	32	29	23	09	34	80	8	36	3	0	0	8	7	7									
	19	9732	31	31	29	09	25	81	8	02	3	0	0	9	7	7									
	22	9721	31	28	22	10	30	81	8	02	3	0	0	8	7					09	48		0000	35	27
05	01	9672	30	27	21	10	41	80	8	36	2	0	0	8	9										
	04	9668	29	26	18	11	30	81	8	02	3	0	0	8	7										
	07	9657	33	29	24	13	19	81	8	02	2	0	0	8	7										
	10	9625	31	29	24	10	40	80	7	38	2	0	0	7	9	0									
	13	9627	34	33	30	20	16	80	7	02	2	0	0	7	9	0									
	16	9615	34	31	30	17	20	81	7	02	1	2	0	7	9	1									
	19	9592	36	32	25	23	18	80	7	03	1	4	0	7	5	0									
	22	9684	31	28	22	05	13	80	5	02	2	2	1	4	7	0				12	63		0000	37	28
06	01	9725	31	29	24	07	18	81	2	01	1	0	0	8	7	0									
	04	9767	31	29	25	10	21	81	7	26	1	0	0	8	7	8									
	07	9792	36	32	27	11	28	80	6	02	2	0	0	9	7	6									
	10	9807	35	31	25	10	24	81	6	02	2	0	0	9	7	0									
	13	9822	37	32	24	12	10	81	7	02	2	0	0	9	7	2									
	16	9812	36	30	22	15	12	81	7	02	1	1	0	4	7	0									
	19	9798	35	30	21	17	04	81	7	03	1	0	0	9	7	8									
	22	9763	30	28	25	17	04	81	6	02	2	0	0	9	0	1				10	34		0000	41	27
07	01	9726	27	23	13	15	10	81	7	02	2	0	0	9	3	8									
	04	9719	29	25	13	05	17	81	8	02	2	0	0	9	0	7									
	07	9727	27	27	17	36	03	81	8	02	2	0	0	9	0	7									
	10	9724	32	30	19	31	01	81	7	01	2	0	0	9	0	8									
	13	9730	35	29	21	32	02	81	7	02	2	0	0	9	0	8									
	16	9731	32	29	24	34	02	81	2	01	1	0	0	9	0	2									
	19	9736	31	29	25	00	00	81	2	02	0	0	0	9	0	2									
	22	9749	28	26	21	10	03	81	5	02	1	0	0	9	0	8				06	26		0000	36	25
08	01	9770	28	25	18	02	10	81	6	02	1	0	0	9	3	8									
	04	9799	27	25	21	04	07	81	6	02	2	2	0	9	0	8									
	07	9826	31	30	26	07	01	81	2	01	2	1	1	9	3	0									
	10	9844	34	30	24	03	07	81	3	03	2	1	1	9	5	2									
	13	9867	38	34	26	00	00	81	7	03	2	1	1	9	5	0									
	16	9875	36	33	24	04	04	81	8	02	2	2	1	9	5	0									
	19	9903	33	31	28	00	00	81	8	02	2	2	1	9	5	0									
	22	9920	32	31	29	32	02	60	6	40	2	2	1	9	4	0	0			03	15		0000	39	25
09	01	9934	32	30	28	00	00	65	8	70	2	2	8	4	7										
	04	9943	32	29	25	11	08	81	7	02	2	2	5	5	2	0									
	07	9948	32	30	26	02	07	81	8	02	2	2	5	5	7										
	10	9950	33	32	30	34	02	80	8	02	2	2	5	6	2										
	13	9951	32	30	27	00	00	80	8	02	2	2	5	5	7										
	16	9946	33	31	28	21	06	70	8	05	2	2	8	6	5										
	19	9931	34	32	29	21	05	80	3	05	1	0	0	8	0										
	22	9925	31	29	25	08	02	65	6	05	1	0	0	8	3	0				02	10		0000	36	29

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
10	01	9912	25	22	14	10	11	81	2	01	1	2	5	7	0	0								
	04	9895	27	24	16	09	10	81	1	02	0	1	5	6	0	0								
	07	9873	33	28	20	16	05	81	0	02	0	0	0	9	0	0								
	10	9850	34	30	24	00	00	81	1	02	0	1	5	6	0	0								
	13	9821	37	33	27	36	02	81	1	02	0	1	5	5	0	0								
	16	9795	31	27	19	03	10	81	0	02	0	0	0	9	0	0								
	19	9775	30	27	21	03	10	81	0	02	0	0	0	9	0	0								
	22	9768	26	25	21	06	18	81	1	03	0	1	4	5	0	0				05	22		0000	39	24
11	01	9768	28	26	20	05	16	81	7	03	1	7	5	5	0	0								
	04	9776	28	25	19	06	12	81	8	03	2	8	5	5	5									
	07	9791	28	26	22	36	10	81	8	02	2	5	5	5	7									
	10	9789	31	27	19	36	04	81	1	01	1	1	5	5	0	0								
	13	9792	31	28	21	24	06	81	1	02	0	1	5	6	0	0								
	16	9791	31	28	22	24	04	81	5	03	1	0	0	9	3	0								
	19	9790	30	27	21	24	04	81	8	03	2	5	0	6	3	0								
	22	9787	28	26	23	16	08	81	6	01	2	0	0	9	7	4							0000	33	25
12	01	9796	28	26	23	19	04	81	8	03	2	8	5	5											
	04	9795	28	26	22	18	05	81	8	02	2	8	5	5											
	07	9795	29	28	26	18	12	81	7	02	4	7	5	5	0	0									
	10	9797	35	31	24	00	00	81	8	02	2	5	5	5	7										
	13	9806	33	30	23	06	10	81	7	02	2	7	5	5	0	0									
	16	9808	31	29	24	36	10	81	8	02	2	8	5	5											
	19	9810	31	29	25	04	05	81	5	01	2	0	5	9	3	0									
	22	9810	25	23	17	09	08	81	2	01	1	2	5	5	0	0				09	17		0000	36	22
13	01	9815	27	24	18	08	14	81	8	15	1	8	5	5											
	04	9818	27	25	19	08	15	81	8	02	2	5	5	5	3										
	07	9820	30	28	24	05	14	81	8	02	2	2	5	5	3										
	10	9817	32	30	27	04	18	81	7	02	2	1	5	5	7	0									
	13	9807	32	30	27	04	18	80	8	02	2	2	5	5	7										
	16	9789	31	29	26	04	22	80	8	02	2	6	5	5	7										
	19	9781	29	27	23	06	18	81	7	02	2	1	7	4	7	0									
	22	9768	28	26	22	07	19	81	8	02	2	1	5	5	7	0				05	28		0000	33	24
14	01	9770	28	25	19	09	16	81	8	02	2	2	5	5	7										
	04	9774	29	26	23	10	12	81	8	02	2	6	5	5	7										
	07	9785	29	27	23	02	08	81	6	02	2	6	5	5	0	0									
	10	9786	30	27	22	03	07	81	7	03	2	7	5	5	0	0									
	13	9782	31	28	22	03	05	80	7	02	2	7	5	5	0	6									
	16	9773	31	28	22	04	14	80	7	02	2	1	8	4	0	8									
	19	9764	30	27	20	07	12	80	7	02	2	1	8	4	0	0									
	22	9755	28	26	21	09	16	80	8	02	2	8	5	5						09	21		0000	32	26
15	01	9763	27	26	22	09	12	24	8	71	7	0	0	5	2										
	04	9768	27	26	20	06	14	40	8	71	7	8	5	5											
	07	9774	29	28	26	02	14	40	8	05	7	8	6	3											
	10	9775	29	28	26	05	18	30	8	71	7	8	6	3											
	13	9779	30	29	27	04	15	45	8	71	7	8	6	3											
	16	9775	30	30	29	03	14	55	7	22	2	7	6	3	0	0									
	19	9764	30	29	27	03	12	55	8	22	7	8	5	5											
	22	9733	30	29	26	07	15	80	7	02	2	7	5	5	0	0				05	24		0000	32	27
16	01	9687	29	28	25	08	20	80	6	36	2	5	5	5	7	0									
	04	9626	28	26	22	09	32	40	8	38	3	2	7	5	7										
	07	9580	25	24	22	10	39	00	8	39	3	4	8	4											
	10	9532	26	25	23	09	46	04	8	38	3	2	7	4	9										
	13	9536	25	24	21	09	38	08	8	38	3	2	7	4	9										
	16	9543	26	25	22	05	14	08	8	39	3	4	8	4											
	19	9505	25	24	20	09	49	30	8	36	3	0	0	7	9										
	22	9511	25	23	20	09	46	40	7	36	3	0	0	7	9	0				09	65		0000	30	24
17	01	9525	25	23	18	09	38	40	8	36	3	2	5	5	7										
	04	9553	27	25	20	09	34	80	7	02	3	2	5	5	7	6									
	07	9584	29	28	24	06	23	40	8	10	3	1	6	4	1										
	10	9606	31	29	25	05	22	55	8	01	4	3	7	4	7										
	13	9626	30	29	27	04	25	55	8	02	2	3	7	4	7										
	16	9670	28	28	26	02	28	08	8	38	7	5	6	3											
	19	9717	29	27	25	01	20	55	8	02	3	8	6	4											
	22	9773	29	27	26	03	16	80	8	02	2	8	5	5						09	53		0000	32	24
18	01	9808	30	29	26	05	16	80	8	02	2	2	5	5	7										
	04	9841	31	30	28	04	12	80	8	40	2	8	5	5											
	07	9864	32	30	26	06	15	50	8	40	2	0	5	8	7										
	10	9885	32	31	30	02	14	55	8	03	4	5	5	6	2										
	13	9905	32	32	21	01	12	55	8	03	4	8	5	6											
	16	9921	33	31	28	05	07	40	8	70	7	0	0	8	7										
	19	9928	32	30	27	04	06	55	2	01	7	0	0	9	5	0									
	22	9932	27	25	20	08	12	60	1	01	0	1	5	5	3	6				05	22		0000	34	25

Results of Surface Observations,
WILKES – Dec., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°× 10	kt	VV	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	9927	26	25	21	08	16	80	1	01	0	1	5	5	0	6									
	04	9910	29	27	22	09	20	80	8	03	1	0	0	9	0	7									
	07	9891	32	30	26	08	26	80	8	36	2	3	7	3	2										
	10	9874	34	32	29	06	20	65	8	05	2	2	5	5	2										
	13	9859	35	31	26	04	16	60	8	02	2	1	5	5	2	6									
	16	9842	37	31	21	18	04	81	7	02	2	0	0	8	4	6									
	19	9805	33	30	25	09	32	80	8	02	2	3	5	5	4	7									
	22	9783	30	27	20	10	38	80	8	02	2	0	0	7	9					10	46		0000	39	24
20	01	9772	29	26	18	20	18	80	7	01	2	0	0	7	9	0									
	04	9744	37	35	33	28	31	80	6	01	2	0	0	7	9	8									
	07	9714	34	30	23	19	16	81	8	02	2	0	0	9	3	7									
	10	9701	39	31	13	09	14	81	5	02	2	0	0	9	3	8									
	13	9682	37	30	17	18	08	81	6	02	2	0	0	9	4	2									
	16	9672	37	31	20	18	06	81	2	01	1	0	0	9	0	2									
	19	9657	35	31	23	05	06	81	6	02	1	0	0	9	0	6									
	22	9656	30	25	10	09	10	81	6	02	2	0	0	9	0	6				27	56		0000	42	25
21	01	9662	28	25	18	00	00	81	5	02	2	0	0	9	0	2									
	04	9674	31	27	19	00	00	81	2	01	1	1	5	5	0	2									
	07	9679	30	27	21	15	08	81	1	01	0	1	5	5	0	0									
	10	9712	30	28	22	36	04	81	7	03	1	2	5	6	3										
	13	9751	31	29	22	22	05	81	8	03	2	3	5	6	7										
	16	9780	31	29	26	21	08	81	8	02	2	3	5	6	7										
	19	9799	31	29	25	24	02	81	8	02	2	0	0	9	7										
	22	9818	30	28	24	27	10	81	7	01	2	0	0	7	7	0				09	22		0000	33	25
22	01	9838	29	27	23	25	11	81	2	01	1	0	0	7	7	0									
	04	9858	29	27	23	25	03	81	2	02	0	0	0	8	7	0									
	07	9876	30	28	23	27	03	81	1	01	0	0	0	8	7	0									
	10	9898	30	27	21	32	04	81	1	02	0	0	0	9	0	0									
	13	9910	32	29	24	03	04	81	1	02	0	0	0	9	0	5									
	16	9936	32	29	24	34	02	81	1	03	0	1	1	4	0	2									
	19	9946	31	29	24	00	00	81	6	02	1	0	0	9	0	6									
	22	9953	28	27	23	34	02	81	1	01	1	1	5	4	0	9				26	20		0000	36	25
23	01	9960	25	24	21	09	06	81	1	02	0	1	5	4	0	9									
	04	9960	31	29	24	10	06	81	2	03	0	0	0	9	0	2									
	07	9960	34	32	29	00	00	81	7	02	1	0	0	9	7	6									
	10	9957	32	30	26	00	00	81	8	02	2	2	5	5	7										
	13	9954	32	30	27	29	02	25	8	71	2	5	7	3	2										
	16	9949	31	30	26	00	00	60	6	22	7	0	0	9	3	0									
	19	9941	31	29	25	00	00	80	8	71	7	2	6	4	3										
	22	9939	30	29	27	00	00	45	8	71	7	8	6	4						10	08		0000	35	23
24	01	9936	30	29	27	03	05	08	8	71	7	0	0	4	2										
	04	9930	30	29	27	13	01	45	8	71	7	0	0	7	7										
	07	9925	32	30	27	03	04	80	7	22	2	1	5	5	3	0									
	10	9917	33	32	30	33	03	81	8	02	2	1	5	5	3										
	13	9907	36	33	28	21	02	80	8	05	2	0	0	9	3	7									
	16	9906	32	30	26	02	10	81	8	05	2	0	0	9	3	7									
	19	9899	32	30	27	02	08	80	8	05	2	8	5	5											
	22	9897	29	28	24	09	06	80	8	05	2	8	5	5						01	14		0000	37	28
25	01	9900	28	28	26	10	09	80	8	02	2	8	5	5											
	04	9900	30	29	27	13	06	80	8	02	2	8	5	5											
	07	9897	32	30	26	16	04	80	8	02	2	8	5	5											
	10	9902	34	32	29	00	00	80	8	71	2	2	5	5	2										
	13	9905	36	33	27	00	00	40	8	71	7	0	0	7	2										
	16	9910	31	30	28	01	08	15	8	71	7	5	0	7	1										
	19	9911	29	28	25	02	10	15	7	71	7	0	0	9	7	0									
	22	9915	28	27	25	01	10	81	8	02	7	1	1	4	7					01	13		0000	36	27
26	01	9918	28	27	25	03	08	81	8	02	7	8	5	5											
	04	9922	28	27	25	08	02	81	8	02	2	8	5	5											
	07	9922	29	27	23	09	09	81	8	02	2	8	5	5											
	10	9920	30	28	24	18	08	80	8	02	2	8	5	5											
	13	9922	30	27	22	24	05	80	8	71	7	8	5	5											
	16	9916	31	28	23	20	06	81	8	71	7	8	5	5											
	19	9905	29	28	25	20	04	81	7	02	7	0	0	8	7	0									
	22	9897	29	27	23	20	06	81	7	02	2	3	5	5	3	0				07	17		0000	32	27
27	01	9887	28	26	22	18	04	81	7	02	2	1	8	4	0	0									
	04	9880	31	27	19	17	02	81	6	01	2	1	1	4	3	1									
	07	9874	31	28	23	00	00	81	6	02	2	1	5	5	0	6									
	10	9865	34	32	29	00	00	81	1	01	1	1	5	5	0	0									
	13	9861	32	29	24	36	03	81	1	02	0	1	5	5	0	0									
	16	9858	31	29	25	03	05	81	7	03	1	7	5	5	0	0									
	19	9858	30	28	23	36	03	81	7	02	2	7	5	5	0	0									
	22	9860	28	26	21	05	06	81	6	02	2	1	8	4	3	1				05	09		0000	35	26

Results of Surface Observations,
WILKES – Dec., 1960

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED					AMOUNT	TYPE	BASE			LOW	MIDDLE	HIGH	DIRECTION	SPEED			MAXIMUM	MINIMUM
		mb × 10⁻¹	°F	°F	°F	°×10	kt	VV	Oktas	ww	W	Oktas	C_L	h	C_M	C_H	D_L	D_M	D_H	°×10	kt	St.miles	Points	°F	°F
28	01	9866	27	26	23	04	06	81	7	02	2	7	5	5	0	0									
	04	9876	27	26	22	03	06	81	7	02	2	2	8	4	0	0									
	07	9883	28	26	23	36	12	81	7	02	2	7	5	7	0	0									
	10	9885	29	28	25	01	12	82	8	02	2	3	6	4											
	13	9894	30	27	23	02	12	81	8	02	2	8	5	6											
	16	9905	28	27	24	02	10	80	8	71	7	8	5	6											
	19	9911	27	26	23	02	10	55	8	71	7	8	5	6											
	22	9919	26	25	22	02	10	65	8	66	7	0	0	8	2					03	19		0000	30	25
29	01	9922	25	24	22	03	12	81	8	02	7	0	0	8	2										
	04	9922	26	24	20	03	10	80	8	02	2	0	0	8	2										
	07	9912	26	25	22	04	08	55	8	02	2	5	5	5											
	10	9902	27	25	22	02	07	55	8	71	2	8	6	4											
	13	9884	29	28	25	31	03	80	8	71	7	8	5	5											
	16	9874	30	28	23	28	05	81	7	22	2	7	5	5	0	0									
	19	9848	30	28	23	28	02	81	2	01	1	2	5	5	0	0									
	22	9823	27	25	20	27	02	81	2	02	0	2	5	5	0	0				04	16		0000	33	24
30	01	9821	25	23	17	29	02	81	1	02	0	1	5	5	0	0									
	04	9815	25	23	18	05	02	81	2	02	0	2	5	5	0	0									
	07	9806	26	24	18	09	03	81	2	02	0	2	5	5	0	0									
	10	9802	30	27	20	00	00	81	6	03	1	6	5	5	0	0									
	13	9805	27	25	19	02	10	81	1	02	0	1	5	5	0	0									
	16	9809	26	25	20	03	11	81	3	03	0	3	5	5	0	0									
	19	9814	26	24	20	03	10	81	1	01	0	1	5	5	0	0									
	22	9819	24	21	13	36	04	81	5	03	1	1	5	5	5	0				05	16		0000	31	19
31	01	9812	24	21	14	36	04	81	5	03	1	1	5	5	5	0									
	04	9806	26	24	18	11	13	81	6	03	1	0	0	9	5	1									
	07	9790	31	29	24	09	22	81	8	03	2	0	0	9	2										
	10	9774	28	27	24	09	30	81	8	02	2	2	7	5	9										
	13	9761	31	29	25	09	39	40	8	38	2	2	7	4	9										
	16	9751	32	30	27	09	38	55	8	02	3	2	7	4	9										
	19	9746	32	31	28	09	34	80	8	02	2	2	5	5	7										
	22	9747	32	30	26	09	37	80	8	02	3	1	1	4	2					08	58		0000	34	22

Results of Radiosonde Observations,
DAVIS – JAN., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg
02	978	5003	14	517	066	5064	13	111	5098	12	158	5134	12	259	5173	12	374	204	10
03	966	5004	23	527	057	5050	23	102	5083	19	148	5110	16	251	5155	12	365	220	07
04	979	022	22	516	068	5044	17	113	5080	18	160	5104	16	262	5172	11	376	227	08
05	985	008	24	511	073	5036	18	118	5077	15	165	5113	12	266	5176	10	380	229	07
06	982	006	19	513	070	5047	18	115	5077	16	162	5115	13	263	5172	07	378	236	05
07	980	5017	16	515	068	5064	12	113	5095	12	160	5102	10	262	5160	07	376	228	05
08	986	002	21	510	074	5045	18	118	5076	14	165	5109	12	267	5178	09	380	251	05
09	984	5008	20	512	072	5040	16	117	5060	11	164	5090	08	266	5160	07	381	242	04
10	985	003	17	511	073	5045	13	118	5069	12	165	5090	09	267	5147	06	382	214	03
11	980	5013	25	515	069	5052	16	113	5065	15	160	5078	09	263	5136	05	379	196	
12	983	5002	24	513	070	5068	22	115	5081	21	162	5104	15	264	5150	14	379	236	10
13	988	008	25	509	075	5066	20	120	5085	17	166	5116	17	267	5158	05	382	215	
14	985	5035	20	511	072	5074	20	117	5066	19	164	5095	15	266	5151	04	382	192	
15	981	5006	23	513	070	5072	20	114	5095	19	161	5124	16	262	5172	12	376	237	07
16	979	5011	26	516	068	5049	26	113	5075	26	157	5102	19	261	5165	12	375	257	06
17	980	5014	14	515	069	5066	12	113	5089	11	150	5111	13	262	5183	09	375	254	07
18	979	5011	17	516	067	5072	15	111	5110	15	158	5143	13	258	5176	06	370	250	06
19	981	5007	19	515	069	5038	23	114	5071	23	151	5104	19	262	5181	12	376	270	05
20	984	5025	18	512	071	5075	17	116	5107	15	162	5134	13	262	5203	07	374	301	04
21	992	5017	24	506	077	5078	20	121	5100	18	168	5129	15	269	5203	09	381	290	05
22	991	5043	13	506	076	5088	15	120	5120	12	167	5165	10	269	5219	05	378	296	02
23	993	5068	11	505	077	5122	10	121	5153	09	166	5181	07	266	5214		378	271	
24	998	5044	12	501	082	5060	10	127	5086	06	173	5118	09	274	5172	04	388	240	
25	990	005	23	507	077	5050	23	121	5084	16	168	5106	13	270	5147	08	386	200	
26	996	5001	26	502	082	5050	23	127	5083	20	173	5117	16	274	5200	10	389	206	
27	982	5015	23	513	071	5056	24	115	5088	19	162	5120	17	263	5174	11	377	221	05
28	995	5008	26	503	081	5055	23	125	5084	19	172	5113	16	275	5186	11	388	240	06
29	002	5018	21	002	086	5065	18	130	5089	17	177	5094	09	280	5116	15	397	228	10
30	997	5040	14	501	083	013	15	129	5001	11	177	5024	09	282	5073	14	374	120	13
31	990	5005	13	506	077	5027	09	123	5034	08	170	5034		275	5067		394	137	06
	994	5033	10	503	080	5054	07	124	5075		171	5078		275	5104		393	156	

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS	80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹
02	509	242		669	326	02	865	474	125	503	314	463	586	429	736	426	930	417
03	497	310	04	653	398	01	845	506	113	439	307	426	580	432	730	436	925	412
04	508	312	04	662	435		852	520	118	447	311	436	584	434	734	436	928	429
05	511	318	04	665	437		853	537	118	468	309	445	581	448	730	453	923	437
06	509	315	02	664	411		854	531	120	463	312	446	584	443	733	448	926	441
07	508	306	02	663	424		842	531	118	456	310	446	583	431	733	429	928	420
08	511	315		666	434		854	550	116	486	306	453	577	445	727	431	922	426
09	512	306	03	668	412		858	527	123	470	314	463	586	438	736	430	930	426
10	515	295		671	388		863	523	124	485	314	453	585	434	735	443	928	425
11	512	275		669	384		861	537	124	470	316	436	590	419	741	408	937	405
12	511	305	04	667	392	01	858	533	123	452	316	436	589	433	739	427	935	410
13	515	285		671	401		862	539	126	463	318	447	590	433	740	433	940	429
14	516	277		673	379		865	525	129	452	321	432	592	459	741	445	934	432
15	508	302	05	663	405		853	545	121	441	315	426	589	426	740	416	936	414
16	504	343	03	657	439		845	538	112	467	304	436	577	432	728	421	923	416
17	505	326	04	660	422		849	558	110	471	302	437	576	417	727	417	922	418
18	501	352	04	655	437		843	555	106	474	297	439	572	405	724	410	919	405
19	506	335	02	660	438		848	538	113	465								
20	502	350	02	675	450		842	569	105	462	298	428	572	424	722	427	917	422
21	509	365	02	662	441		850	554	122	469	304	440	577	427	728	425	921	416
22	506	358	01	659	460		845	562	110	461	302	429	576	422	727	421	921	423
23	508	351		660	457		846	546	113	453	305	439	579	422	729	421		
24	520	305		675	382		868	513	129	493	318	491	587	447	737	441	931	430
25	519	273		676	381		868	546	133	441	324	464	594	453	743	446	936	442
26	523	273	04	680	386	02	871	537	138	455	330	459	599	464	748	452	941	430
27	509	326	04	664	405	02	855	524	124	428	317	457	588	445	737	450	930	436
28	519	299		675	405		864	552	131	450	325	454	595	446	745	430	939	443
29	531	234	03	691	336		886	505	148	493	336	499	603	475	750	473	941	452
30	511	212	07	672	326	03	869	475	127	591	313	502	578	493	725	473	916	460
31	531	218	02	691	345	03	887	489	147	529	335	481	603	469				
	528	258		686	361		880	518	138	524	327	482	595	459	744	464	935	457

Results of Radiosonde Observations,
DAVIS – Feb., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10-1	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg
01	984	5058	09	511	071	5070	11	116	5075	11	163	5115	08	264	5174	03	378	217	
02	978	5020	16	515	067	5068	16	111	5096	12	155	5120	11	259	5195	10	372	261	06
03	990	025	18	506	078	5022	16	123	5068	15	170	5109	14	272	5132	11	389	172	04
04																			
05	989	011	19	508	076	5060	18	120	5093	18	167	5125	15	268	5203	09	381	240	05
06	990	5015	17	504	080	5068	13	127	5078	20	174	5104	11	275	5183	10	389	260	06
07	990	5024	15	507	076	5071	15	121	5093	19	167	5121	16	258	5195	10	381	242	07
08	993	5030	16	505	078	5055	12	123	5065	09	170	5079	07	273	5135	06	389	212	04
09	985	016	19	511	073	5052	16	118	5080	20	165	5109	17	266	5174	11	382	194	08
10	991	5028	10	506	077	5076	09	121	5111	08	168	5144	07	270	5121	08	386	199	08
11	985	5031	11	510	073	5092	09	116	5117	08	163	5120	09	265	5133	05	380	206	05
12	976	5022	13	519	065	5049	17	110	5082	16	156	5121	16	258	5172	11	371	244	07
13	975	5034	11	518	065	5064	11	110	5088	11	156	5112	12	258	5166	07	371	212	06
14	976	5014	14	518	064	5044	16	111	5078	13	158	5099	14	260	5145	12	375	227	07
15	976	010	17	519	066	5032	16	111	5070	16	158	5106	17	259	5183	10	373	237	08
16	982	5004	17	513	070	5056	16	115	5095	16	162	5128	15	263	5170	11	386	258	06
17	986	5040	13	510	073	5061	17	117	5094	14	164	5100	16	266	5175	10	379	256	06
18	981	5034	16	514	069	5072	19	114	5099	18	160	5132	14	260	5210	07	373	253	05
19																			
20	976	5075	09	518	064	5080	08	109	5103	06	155	5115	08	256	5207	08	369	285	05
21	973	5030	20	520	063	5076	19	107	5098	17	154	5127	14	254	5201	09	367	271	05
22	976	5023	26	518	065	5075	16	110	5115	11	156	5148	09	256	5229	04	367	315	02
23	985	5026	22	511	072	5089	17	116	5134	13	162	5154	11	261	5242	06	372	315	03
24	977	5060	17	517	065	5109	13	109	5143	10	154	5154	07	254	5219		365	295	
25	979	5096	09	515	064	5114	06	110	5135	10	156	5151	05	256	5218		368	299	02
26	988	5099	11	508	072	5157	09	115	5193	08	160	5207	07	258	5249	02	369	274	
27	988	5069	11	508	073	5117	05	117	5102	07	164	5124	10	265	5168	07	379	201	08
28	968	5020	20	525	059	5075	16	103	5090	17	150	5100	19	251	5173	12	365	242	07
29	974	5068	10	519	063	5114	11	106	5134	13	152	5166	11	252	5183	10	366	250	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	512	268		668	364		861	518	125	473	315	478						
02	502	327	03	651	402		850	458	120	444	313	449	585	444	734	445	931	427
03	523	258	04	681	365	01	875	504	135	480	325	456	596	434	747	430	941	413
04																		
05	513	293	02	668	412		858	513										
06	519	330	03	612	423													
07	512	323	03	667	428		856	534	123	457	315	449	586	443	735	446		
08	521	294		677	410		868	489	135	489	325	469	595	445	744	426		
09	515	294	02	672	358		867	496	129	487	319	466	560	427	741	437	934	420
10	519	296	03	675	406	01	867	478	135	479	325	470	595	444	745	445	957	437
11	513	294	04	610	362	03	864	520	133	438	326	438	597	452	747	450	930	432
12	502	296	05	659	400	02	850	517	115	411	309	424	587	449	736	445	929	434
13	504	280	04	661	403	02	850	540	117	424	310	454	582	430	752	425		
14	507	287	05	663	390	02	851	549	118	437	311	430	584	436	734	428	928	430
15	505	281	05	663	380	01	853	564	117	454	310	434	583	442	733	441		
16	518	278	05	657	393	02	867	529	127	471	318	443	591	430				
17	511	295	02	668	373		861	516	123	471	314	444	586	439	736	433	929	437
18	504	325		660	401		853	477										
19																		
20	499	310	02	653	426		842	554	109	442	302	432	576	427	726	438		
21	497	328	03	650	433		840	523	108	428	302	428	574	434	723	447	916	435
22	494	387	01	645	436		839	436	112	418	307	435	579	439	729	447	922	435
23	499	477		650	460		839	460	109	454	301	453	573	441	722	445	915	450
24	493	368		645	445		835	522	100	436	290	452	561	447	710	451	903	443
25	497	358	03	649	444		836	571	100	447	292	441	565	434	715	428		
26	498	357		650	469		837	494	105	443	296	457	568	436	717	445		
27	514	255	08	674	339	04	868	520	125	522	313	497	580	473	728	452	919	459
28	497	307	04	651	427	01	839	580	101	478	292	475	561	460	710	453	901	455
29	496	330	03	650	435	01	837	593	099	477	289	470	557	463				

Results of Radiosonde Observations,
DAVIS – Mar., 1960

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	977	5085	12	516	065	5124	12	109	5136	13	155	5156	12	255	5201	09	369	276	05
02	971	5080	14	521	059	5124	13	104	5140	13	149	5170	11	248	5241	06	361	265	03
03	963	5083	15	530	052	5109	12	096	5140	11	141	5179	10	270	5246	06	352	255	04
04	973	5101	09	520	061	5154	07	104	5174	07	149	5204	07	247	5230	03	359	280	
05																			
06	982	5099	10	513	068	5125	10	121	5145	10	157	5140	13	258	5174	12	373	196	11
07	985	5109	09	511	069	5169	09	112	5153	06	159	5138	05	259	5200	06	371	289	04
08	981	5096	11	513	067	5154	09	110	5184	08	156	5146	04	257	5186	04	370	260	03
10	972	5140	05	519	059	5144	08	103	5176	10	148	5207	07	246	5218		357	289	02
10	973	5079	16	520	061	5131	13	104	5160	11	150	5189	10	248	5226	07	360	294	03
11	967	5109	09	521	055	5172	08	099	5201	08	144	5239	06	241	5248	05	352	287	02
12	971	5164	09	521	059	5159	10	101	5186	09	146	5228	06	243	5261	05	354	311	03
13	968	5194	05	523	055	5181	05	097	5213	06	142	5206	05	240	5233		352	278	
14	967	5137	07	526	055	5175	08	098	5206	07	142	5245	05	240	5245	04	352	308	02
15	971	5138	10	521	059	5189	08	101	5206	07	145	5215	07	243	5235	06	355	296	03
16																			
17	984	5096	13	512	070	5128	13	113	5160	14	159	5176	10	258	5227	03	366	297	03
18	986	5068	09	509	072	5113	10	116	5132	11	162	5177	10	262	5210	05	374	291	04
19	992	5055	13	504	074	5119	12	121	5141	12	167	5147	12	267	5191	10	380	281	05
20	991	5071	12	506	076	5131	09	119	5125	13	155	5150	13	265	5213	08	372	286	03
21	985	5166	07	510	069	5166	09	112	5172	10	158	5158	04	257	5216		370	273	04
22	965	5085	16	526	055	5112	15	099	5145	13	145	5158	10	241	5217	07	353	293	04
23	969	5094	14	523	058	5138	10	101	5153	10	146	5199	08	244	5263	04	355	316	03
24	981	5131	09	513	067	5154	07	110	5171	07	155	5157	07	255	5223	04	366	302	02
26	973	5192	06	519	060	5137	07	104	5155	04	149	5153	04	250	5183		363	245	
26	989	5190	06	506	072	5162	07	146	5136	07	151	5178	04	261	5216		373	285	
27	969	5172	05	522	056	5201	04	098	5224	04	142	5250	04	241	5215		353	266	02
28	975	5090	11	518	063	5155	08	105	5189	08	150	5213	05	249	5206	03	361	273	02
29	978	5097	10	517	065	5105	12	109	5128	13	153	5134	10	256	5194	06	367	275	04
30	970	5087	10	522	059	5115	10	103	5150	09	148	5185	08	248	5212	08	360	271	06
31	978	5162	05	517	062	5198	04	101	5225	04	149	5255	04	247	5198		360	268	

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	497	332	02	651	438		837	557	103	463	295	470	563	464				
02	490	333		645	421		835	541										
03	483	324	03	637	412		827	557										
04	488	353		640	458		828	529	095	462	286	459	555	466	704	455	895	463
05																		
06	507	266	04	665	369	03	857	524	117	506	304	510						
07	499	392	01	649	474		837	515	104	477	295	455	563	467	711	468	901	488
08	500	336	02	654	437		843	538	107	474	297	469	565	469	713	471	904	467
10	489	351	01	641	451		829	555	095	445	287	462	557	463	705	462	895	474
10	486	378	01	636	460		823	536	091	448	284	452	554	459	702	470	893	479
11	481	361		633	457		819	567	086	449	278	469	547	460	695	480	885	483
12	482	376	02	633	463		821	492	088	441	226	464	551	460	699	470	889	467
13	481	347		633	460		820	497	090	471	280	479						
14	479	400	01	629	486		814	563	081	461	272	462	541	463	689	474	879	472
15	483	373	01	633	485		817	561	084	457	276	466	544	476	691	480		
16																		
17	494	399	02	613	483		801	561	062	486	251	475	520	469				
18	502	393	02	652	484		836	607	094	517	282	480	548	502	694	483	883	508
19	508	383	02	658	490		842	602	100	507	288	487	555	484	701	499		
20	506	371	02	656	492		841	592	102	500	290	492						
21	500	332	07	653	425		844	527	105	488	294	491	561	488	707	506	897	498
22	481	383	02	632	475		818	512	086	473	277	463	546	464	693	482	882	495
23	482	394	02	631	490		819	473	089	462	281	472	548	488	694	490		
24	494	396	09	643	489		832	443										
26	502	347		655	435		845	538	109	498	297	504						
26	494	334		647	452		834	551	100	463	289	485						
27	483	353		635	439		827	465	087	482	277	467						
28	491	355		643	455		830	535	096	451	290	442						
29	498	353	01	650	440		838	560										
30	489	354	02	641	471		827	559	093	458	285	455	554	478	700	503		
31	490	340		643	459		830	536	097	462	288	469	557	478	735	430		

Results of Radiosonde Observations,
DAVIS – Apr., 1960

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	5102	12	509	072	5128	12	115	5158	11	161	5199	09	259	5230	07	370	305	03
03	991	5145	05	505	074	5193	05	116	5222	06	161	5233	06	259	5218	03	371	261	
03	992	5125	08	507	076	5141	09	119	5157	08	163	5202	06	264	5207	02	376	274	02
04	989	5120	09	507	073	5179	08	115	5215	07	160	5245	05	256	5257	03	367	302	02
06	988	5129	07	508	072	5181	06	114	5211	06	159	5239	06	256	5239	05	371	276	
07	988	5128	07	000	081	5185	07	121	5210	08	167	5234	06	265	5270	05	375	306	04
08	979	5098	09	515	061	5116	10	110	5128	11	156	5150	11	256	5199	09	369	229	08
08	986	5105	12	509	071	5154	11	114	5159	11	160	5201	08	258	5228	07	370	266	05
09	977	5140	05	517	063	5175	03	106	5202	03	151	5213	03	251	5186	05	361	233	06
10	978	5195	06	515	063	5205	05	105	5214	03	150	5206	03	249	5200	04	362	268	01
11	993	5203	03	504	075	5136	01	118	5152	04	164	5139		265	5164		381	200	04
12																			
14	983	5079	13	512	069	5131	10	113	5129	13	159	5150	13	259	5215	08	371	281	05
15	982	5135	06	513	067	5154	06	110	5175	09	155	5188	06	255	5217	05	364	275	03
15	991	5117	08	506	074	5164	07	117	5191	07	162	5218	07	260	5239	05	371	306	04
16	996	5148	08	502	077	5212	07	119	5225	06	163	5254	04	260	5281	03	370	316	02
17	982	5142	08	513	067	5194	06	109	5220	06	154	5237	06	251	5243	04	362	294	02
18	984	5148	07	511	069	5176	09	112	5187	09	157	5192	08	257	5213	04	369	279	02
19	982	5055	18	513	069	5103	16	113	5134	14	159	5134	14	260	5200	08	373	277	05
20	985	5080	14	511	070	5128	11	114	5155	11	159	5194	09	259	5223	06	339	325	03
21	986	5101	09	509	071	5150	05	114	5164	06	159	5178	09	259	5237	06	370	299	04
23	991	5175	06	506	073	5230	05	114	5249	05	159	5290	04	254	5267	03	365	329	01
23	990	5157	06	506	073	5205	06	115	5233	06	159	5275	04	254	5269	04	364	320	02
24	997	5204	03	501	077	5220	04	119	5250	04	163	5284	03	257	5341	02	365	350	01
26	996	5237	03	502	075	5255	03	116	5278	03	160	5284	03	256	5287	02	365	355	01
26	995	5228	02	502	075	5246	02	117	5226	03	161	5233	02	259	5245	02	370	282	
27	993	5185	05	504	074	5224	05	116	5210	07	161	5206	08	259	5223	03	371	275	05
28	996	5179	05	501	078	5171	06	121	5203	06	165	5220	07	264	5223	03	377	225	
29	993	5160	06	504	076	5186	04	118	5200	03	163	5128		265	5162		379	224	
30	992	5155	06	505	075	5161	03	117	5186	03	164	5192		263	5150		378	240	

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹
01	499	345		654	394		846	524	107	492	296	494	562	480	709	510		
03	501	335		656	419		846	529	108	490	296	516	559	524	703	535		
03	506	333	01	659	434		848	537										
04	495	362		647	470		836	473	104	473	293	505						
06	501	332	01	654	428		844	534	106	496	295	486						
07	503	366	03	655	457		841	546	115	490	293	500						
08	502	285	05	660	358	03	856	487	113	547	299	528	560	532	703	555		
08	501	292	05	657	391	02	850	516	113	501	301	503	564	533	707	545		
09	493	320	03	647	433		836	536	096	519	283	505	546	530	689	541		
10	493	304		648	412		837	564	094	547	279	538	541	507	684	564		
11	515	246	07	674	352	03	867	530	122	588	304	560	558	576	698	598		
12																		
14	500	355	02	652	458		838	581	097	520	284	510	547	557	683	564		
15	493	377		643	498		827	609	085	528								
15	498	396	01	645	517		829	588	088	532	273	535	534	545				
16	497	386	01	647	488		833	543	095	523	281	537	540	551	683	555		
17	491	370		642	451		831	518	094	500	281	527	541	557	683	564		
18	497	365	02	649	472		834	594	101	531	276	532	536	555	678	565		
19	501	361	02	653	472		839	584	098	523	283	530	545	525	689	547		
20	497	393	01	647	482		831	595	086	545	272	533	532	541				
21	498	372	02	648	490		834	588	092	521	278	526	540	524	684	523		
23	491	416	08	639	524		823	525	089	467	279	486	545	513	689	540	873	549
23	491	409		639	523		824	540	089	493	277	498	542	513	687	532	871	544
24	491	421		639	513		823	556	087	470	277	509	542	504	688	492		
25	490	436		637	521		822	534	085	518								
26	501	321	02	656	425		844	572	096	586	276	577	531	589	671	619		
27	501	330	04	655	428	01	844	553	099	564	282	580	537	591	676	611		
28	509	313		663	422		852	561	108	561	291	564	548	576				
29	511	304	03	667	413	01	867	558	109	586	291	553	549	563	690	594	869	618
30	509	323	02	663	445		849	590	105	558	289	547	547	585	687	589	867	599

Results of Radiosonde Observations,
DAVIS – May., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	dg/kg
01	981	5195	04	513	065	5200	03	109	5229	03	151	5254	02	251	5209		364	235	
02	991	5102	11	506	074	5160	09	117	5190	08	162	5207	09	261	5214	08	374	279	05
03	995	5097	14	502	079	5147	11	122	5174	09	167	5171	10	266	5227	07	377	329	03
04	998	5167	05	500	079	5202	03	121	5212	04	166	5202	07	265	5203	03	378	278	03
05	995	5131	04	503	078	5140	04	121	5130	04	167	5151	05	266	5228	03	378	280	
06	989	5056	14	507	075	5121	11	119	5151	10	165	5143	13	265	5186	10	379	265	06
07	989	5097	13	508	073	5126	11	117	5122	13	163	5142	14	263	5218	08	375	301	04
08	000	5160	04	001	080	5210	03	122	5219	04	166	5239	05	264	5262	05	375	323	03
09	989	5149	05	000	080	5186	04	122	5221	05	167	5200	07	266	5229	04	377	315	02
10	006	5175	03	005	084	5227	03	126	5253	03	170	5232	05	268	5266	03	378	341	02
11	985	5189	04	510	068	5217	03	110	5243	03	154	5271	04	249	5296	03	359	326	02
12	977	5199	03	516	062	5239	04	104	5257	04	147	5280	03	243	5300	03	352	338	02
13	984	5131	08	511	069	5143	08	112	5165	08	158	5190	07	257	5239	03	369	284	04
14	001	5139	05	502	082	5141	06	125	5175	06	171	5112	09	273	5154		387	254	
15	997	5081	07	501	080	5125	05	123	5125	05	170	5095	06	272	5154	05	387	224	
16	980	5151	04	511	065	5151	03	108	5159	03	154	5131	04	255	5193	03	368	260	02
17	971	5216	03	520	057	5225	03	099	5248	03	143	5254	02	241	5251	02	352	305	
18	984	5216	04	511	067	5234	04	109	5258	04	153	5268	04	248	5302	03	357	319	01
19	983	5140	09	511	068	5190	08	111	5219	06	155	5250	05	252	5259	04	362	349	03
20	989	5201	04	506	071	5231	03	113	5259	03	157	5251	03	256	5215		369	285	
21	990	5192	04	506	071	5238	03	113	5245	03	157	5227	03	258	5197		371	268	
22	978	5195	05	515	063	5249	03	104	5271	02	148	5272	02	245	5230	02	357	279	
23	986	5203	05	508	070	5234	03	111	5256	03	155	5270	03	251	5272	03	362	303	02
24	988	5146	08	501	079	5184	07	122	5214	06	166	5245	05	262	5300	04	372	323	03
25	984	5142	09	511	068	5187	06	110	5210	06	155	5235	06	251	5319	03	360	335	03
26	991	5192	05	505	074	5205	04	115	5222	04	150	5240	04	257	5274	03	366	350	02
27	983	5106	15	512	069	5135	12	112	5163	10	158	5190	09	256	5256	05	366	327	03
28	974	5080	13	519	062	5115	10	106	5150	09	152	5185	09	250	5255	06	362	275	05
29	977	5107	13	517	064	5155	08	107	5172	06	152	5197	07	250	5249	05	361	315	03
30	979	5174	06	515	064	5199	04	106	5228	05	151	5250	04	247	5278	04	357	338	03

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹
01	495	528		648	464		835	578	093	551	278	537	537	557	679	580		
02	502	372	02	653	471		839	601	092	562	276	579	531	587				
03	504	391	02	653	505		836	580	094	554	277	564	534	580				
04	507	332	01	660	450		849	565	103	574	285	574	540	598	679	616	857	626
05	507	359	02	659	459													
06	508	359	03	661	459		847	568	102	559	288	557	545	573	686	605		
07	502	410	01	650	512		832	612	086	559	269	569	524	609	662	630		
09	501	414	01	649	520		831	602	082	611	261	617	510	652	646	671	818	688
09	503	421		650	519		832	624	084	596	263	596	515	640	651	661		
10	503	426	01	652	479		836	585	091	583	273	598	523	661	657	646		
11	485	404		635	483		821	579	080	543	263	574	517	600	655	614		
12	478	415		626	516		800	566	070	541	255	575	512	611				
13	496	390	02	646	496		830	587	085	564	267	587	520	617	657	630		
14	517	367		668	478		853	572	108	585	288	597	541	617	678	635	854	652
15	520	280	02	680	405	01	866	552	121	581	303	555	560	576	701	599	880	617
16	498	353	02	650	424		839	563	091	584	273	581	527	590	667	600		
17	479	378		631	468		818	565	081	518	267	549	524	585	663	609		
18	485	378	01	635	477		820	548	083	523	269	532						
19	487	457		635	495		821	530	096	498	273	532	533	573	673	616		
20	496	382		646	476		833	529	095	537	280	570	535	613	673	618		
21	500	316		653	456		839	550	097	564	279	581	532	622	669	657	842	644
22	486	361		638	462		825	556	084	535	268	564	524	587	664	604		
23	489	397	01	640	480		825	574	082	560	263	579	517	607				
24	498	409		647	488		831	571	087	604	266	604	516	640	652	670		
25	486	428		634	515		817	572	074	572	255	607	505	639	642	655		
26	492	403		643	447		832	528	089	597	269	613	517	658	651	682		
27	493	362	02	646	427		834	569	083	641	260	627	507	665	642	687		
28	491	376	02	641	480		825	619	076	605	255	611	504	655				
29	488	391	02	638	493		820	627	071	590	251	607	501	653	636	672		
30	483	414	01	630	530		812	606	065	591	244	624	492	662	627	685	798	715

Results of Radiosonde Observations,
DAVIS – Jun., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg
01	984	5213	04	511	066	5256	03	108	5283	03	151	5313	03	246	5294	04	356	334	03
01	984	5272	03	510	065	5260	03	106	5283	03	149	5294	03	245	5280	04	355	349	02
02	979	5270	04	514	061	5276	03	103	5267	03	147	5249	04	243	5275	02	354	329	02
03	984	5279	03	510	065	5291	02	106	5288	02	149	5291	03	245	5266	02	355	335	
05	975	5118	13	518	062	5151	08	105	5185	07	150	5109	07	249	5229	06	360	306	03
05	979	5153	05	515	065	5166	07	108	5177	08	153	5189	08	251	5256	05	361	342	03
06	980	5095	10	514	067	5125	09	110	5178	07	155	5175	09	254	5234	06	365	318	03
08	977	5215	03	516	062	5254	02	103	5265	01	145	5270	02	243	5281	04	352	374	02
08	982	5193	04	514	065	5175	03	108	5191		153	5179		251	5264	01	362	334	01
09	982	5265	03	512	064	5292	02	106	5314	02	149	5322	01	244	5303	03	352	385	02
10	997	5227	04	501	076	5254	03	117	5253	03	162	5260	04	258	5285	04	367	368	02
11	986	5175	08	509	070	5202	05	111	5216	06	157	5249	05	254	5283	03	363	334	
12	982	5240	04	513	064	5259	03	105	5247	03	150	5236	03	247	5293		355	346	
13	987	5260	04	508	068	5240	04	110	5233	05	154	5251	02	250	5282		359	332	
14	988	5200	07	508	070	5226	04	112	5243	04	156	5252	02	253	5266		364	296	
15	982	5207	04	513	066	5175	06	109	5205	06	154	5214	06	251	5284		362	300	
16	973	5097	12	520	061	5107	09	105	5146	08	150	5182	08	249	5235	06	361	299	04
17	981	5101	09	513	067	5133	08	110	5161	08	157	5160	09	256	5237	06	367	329	03
18	993	5093	12	514	077	5122	11	120	5147	11	166	5140	14	266	5221	07	378	310	04
19	001	5139	08	002	081	5149	04	128	5157	03	173	5150		273	5206		385	303	02
20	989	5179	05	507	072	5155	03	115	5141		161	5155		260	5239	04	371	314	02
22	987	5208	05	508	069	5237	03	111	5238	03	156	5231		253	5270		362	335	
22	005	5186	06	005	083	5221	03	124	5250	03	169	5218	03	266	5251	02	377	317	03
23	005	5135	08	005	085	5166	03	127	5192	02	173	5193	03	269	5265	02	381	343	02
24	002	5209	04	002	081	5209	02	123	5216	02	168	5209	02	265	5276	02	375	330	01
25	994	5238	03	503	073	5264	02	114	5274	02	158	5267	02	255	5264	02	365	321	01
26	990	5275	04	506	071	5282	03	112	5297	03	155	5335	02	249	5327	03	356	381	02
27	988	5133	09	508	072	5177	06	114	5195	07	159	5210	07	257	5279	04	366	345	03
28	952	5081	15	537	045	5098	14	089	5125	14	135	5159	12	234	5240	06	346	232	08
29	968	5215	05	524	054	5216	05	096	5182	08	142	5184	08	241	5234	07	352	287	04
30	990	5179	08	506	072	5189	07	115	5207	07	159	5215	05	258	5239		367	313	

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	480	424		628	514		809	623	059	617								
01	482	429	01	629	514													
02	480	414	01	628	521		809	624	060	608	238	627	486	670	620	691		
03	481	415		629	517		811	631	059	631	236	644	485	667				
05	487	404		636	472		821	611	067	673	243	663						
05	487	422	01	634	540		814	643	062	630	237	680						
06	491	426		639	525		820	633	064	670	237	696	476	741				
08	476	442		623	519		806	622	055	624	232	656						
08	487	436		634	534		814	641	059	660	232	672	478	720	609	745	822	784
09	475	471		620	535		802	614	052	629	228	658						
10	491	458		634	548		818	610	060	618	246	640	491	707				
11	489	405		638	517		819	628	071	595	249	634	498	660	633	679		
12	481	431		628	513		811	582										
13	484	384		635	467		820	565	076	565								
14	492	370		643	482		828	597	080	593	261	571	517	590				
15	490	389		639	492		823	614	070	650	246	646	492	671	626	692		
16	489	389	02	638	510		820	628										
17	493	412		641	536		821	627	065	709	235	709						
18	505	390	02	654	519		835	669	074	716	245	714						
19	513	398	01	661	528		842	650	086	672	259	680	501	706				
20	497	422	01	644	547		825	610	074	637	251	642	496	708				
22	489	392		639	480		832	610	070	680	245	668						
22	504	390	02	653	505		836	626	079	708	251	688						
23	507	406	02	656	520		836	652	077	714	248	714						
24	501	426		648	520		829	646	073	703	245	707						
25	492	420		637	530		819	629	067	644	241	698	480	736				
26	480	455		627	513		810	617	058	669	231	702	467	772				
27	492	411	01	640	530		821	623	068	672	241	709	479	742				
28	478	311	04	633	407	02	821	575	067	681	238	689						
29	479	390	02	629	480		784	579										
30	496	385	09	646	489		829	629	077	637	254	659	501	659	637	686	807	705

Results of Radiosonde Observations,
DAVIS – Jul., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg
01	991	5204	07	505	072	5233	05	114	5209	07	159	5245	05	255	5286	04	364	359	02
02	989	5300	03	506	069	5279	03	110	5293	02	153	5313	02	248	5295	02	357	359	
03	988	5289	03	507	068	5299	01	109	5248	02	154	5255	02	251	5269	02	360	331	01
04	983	5279	03	511	065	5233	02	107	5200	02	152	5188		251	5235	02	361	303	02
05	985	5237	05	510	067	5244	04	109	5275	03	152	5302	03	248	5270	05	358	337	03
06	996	5243	03	505	074	5265	01	115	5256	02	150	5291	02	248	5245		369	322	
07	986	5259	03	509	067	5230	02	103	5205	02	155	5195		253	5225		365	289	03
08	981	5271	03	513	065	5237	02	106	5231	02	151	5135		250	5246		361	304	
09	979	5255	03	513	064	5265	02	105	5284	02	148	5294	01	245	5254		355	322	01
10	984	5288	02	510	065	5334	01	105	5368	01	147	5388	01	270	5324	02	348	357	01
11	973	5222	02	519	058	5221	04	100	5247	04	144	5273	03	239	5347	02	347	361	02
12	995	5271	03	502	074	5264	03	115	5276	03	158	5309	03	253	5295	03	362	359	01
13	997	5180	08	501	077	5204	07	120	5235	05	164	5229	06	262	5226	07	374	279	05
14	968	5126	13	524	055	5159	09	099	5181	08	144	5219	06	242	5220	08	354	310	04
15	975	5101	10	518	062	5140	10	105	5166	10	151	5200	07	250	5229	06	361	320	03
16	989	5209	04	507	071	5249	02	112	5292	02	156	5270	02	253	5267		362	339	
17	987	5172	06	509	069	5239	04	111	5239	04	156	5234	04	254	5252	04	364	324	02
18	999	5289	02	500	076	5272	02	117	5200	03	163	5195		260	5250		371	332	
19	002	5282	03	002	111	5181	03	123	5175	05	168	5132	06	267	5212	06	379	276	03
20	990	5219	05	506	072	5207	04	114	5229	03	159	5214	04	257	5240	05	369	284	05
21	986	5186	05	509	069	5222	03	111	5244	03	155	5256	03	252	5261		363	310	03
22	985	5216	04	512	066	5259	02	106	5278	02	149	5299	02	245	5299	03	353	356	02
23	994	5261	02	503	073	5311	01	113	5337	01	155	5345	01	251	5290	02	360	345	01
24	983	5231	04	511	066	5264	02	107	5260	02	151	5255	02	248	5281	02	357	350	
25	971	5304	03	520	056	5210	04	098	5212	03	143	5226	04	240	5269		350	310	
26	983	5155	10	512	068	5175	08	110	5191	08	155	5225	07	253	5257	04	362	342	02
28	966	5094	10	526	055	5107	10	099	5148	10	145	5156	10	244	5233	07	355	301	04
29	967	5060	22	525	057	5106	14	101	5115	12	147	5149	10	247	5224	07	359	279	05
30	975	5127	12	518	062	5166	09	105	5195	07	149	5215	07	247	5257	05	357	333	03
30	982	5130	13	513	067	5169	08	110	5208	07	155	5219	07	251	5296	03	360	383	01
31	990	5224	07	506	072	5206	07	114	5195	07	159	5208	04	256	5266	02	367	318	

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹
01	489	441		636	525		818	620	069	619	247	632						
02	481	460		627	532		809	599	062	609	240	629	487	689				
03	487	406		635	505		818	620	065	665	240	652						
04	491	352	02	640	454													
05	483	432		630	542		810	641	054	704	224	726	460	775	587	805	748	821
06	495	409		644	476													
07	493	380	02	643	493		826	636	067	722	221	725						
08	488	396		637	508		819	639	063	672	236	684	477	729				
09	481	422		629	515		811	625	059	645	235	657	478	714				
10	473	434		621	519		804	595	056	629	232	673	473	721	604	754		
11	471	438		618	512		803	595	050	632	225	685	464	742				
12	487	415		635	504		818	623	063	695	234	700						
13	503	370	02	653	486		838	605	079	765	245	779						
15	487	412		635	534		784	654	054	733								
15	481	412	01	628	518		809	611	056	688	227	725						
17	490	418	01	638	536		817	675	058	711	228	731	463	776				
17	488	433		634	547		813	661	057	680	229	709						
18	497	416		644	540		824	642	067	725	235	756						
19	508	353	02	660	477		844	620	085	757	251	760						
20	497	372	03	648	476		833	604	075	771	240	774						
21	490	400	02	638	520		819	653	058	775	222	783						
22	478	442		624	543		804	638	050	692	220	720						
23	485	445		631	553		810	627	058	667	232	687						
24	482	429		630	492		814	620	065	624	242	649	487	701				
25	477	389		627	499		809	624	057	659	231	690						
26	489	370	02	641	465		826	612	073	675	245	701						
28	483	370	02	634	500		816	605	062	664	235	697						
29	488	384	02	637	510		818	626	066	658								
30	483	427	01	630	543		809	654	053	702	223	730						
30	483	446		630	533		811	629	057	691	227	739						
31	493	396		645	440		832	580	075	787	239	786						

Results of Radiosonde Observations,
DAVIS – Aug., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg
01	979	5096	12	516	066	5143	10	108	5182	08	153	5215	07	252	5213	08	364	294	04
02	963	5086	13	528	053	5124	11	096	5163	09	142	5199	08	240	5241	06	353	265	06
04	963	5104	16	528	053	5142	10	096	5173	09	141	5209	07	239	5231	07	351	285	04
04	979	5145	06	514	062	5177	08	104	5215	06	149	5225	06	245	5284	04	355	342	03
05	987	5155	08	509	070	5205	05	112	5234	05	156	5250	05	253	5275	04	363	341	01
06	982	5185	06	512	065	5213	04	108	5234	03	153	5230	05	250	5268	04	359	350	01
08	982	5111	10	512	068	5140	08	111	5157	09	156	5180	08	255	5224	07	367	311	03
08	977	5141	07	510	070	5146	06	113	5174	06	158	5172	03	257	5236	02	368	326	01
09	990	5162	10	506	073	5135	12	117	5149	11	163	5176	10	261	5264	05	371	326	01
10	995	5076	14	505	077	5089	11	121	5130	10	167	5159	09	266	5238	06	377	321	03
12	999	5085	09	500	081	5125	05	124	5158	04	170	5185	03	270	5205		382	289	
12	009	5113	07	008	088	5156	04	131	5142		177	5133		278	5181		392	257	
13	001	5129	07	002	082	5154	03	125	5149		171	5120		273	5175		386	255	
14	005	5195	04	005	082	5243	02	124	5247	02	169	5199		267	5240		378	304	
15	995	5207	04	503	075	5246	02	116	5270	02	160	5220	03	256	5274		366	320	
17	980	5211	05	513	064	5215	06	105	5231	05	151	5255	05	247	5299	04	356	352	02
17	978	5214	04	515	063	5200	03	105	5220	03	150	5224	03	248	5246	02	358	324	
18	990	5150	08	506	073	5199	06	115	5231	05	159	5225	06	256	5267	04	366	317	02
20	983	5135	09	512	067	5179	08	110	5191	08	155	5200	08	253	5275	04	363	328	03
20																			
21	998	5243	04	500	077	5187	02	121	5191	08	166	5203	04	264	5261	04	374	324	02
22	987	5156	09	509	071	5149	08	114	5155	10	160	5176	09	258	5244	06	369	314	03
23	973	5104	12	520	061	5135	09	105	5151	09	150	5186	09	249	5218	08	361	297	04
24	974	5125	08	519	061	5152	05	101	5185	06	149	5177	08	248	5233	06	359	304	03
25	973	5189	05	519	059	5221	03	101	5240	03	145	5224	04	243	5247	02	354	315	
26	979	5262	04	514	062	5234	03	104	5254	04	147	5234	03	243	5304	04	355	345	02
27	982	5204	07	512	065	5242	04	107	5260	04	151	5299	03	246	5286	02	355	346	
28	988	5239	05	508	069	5230	05	111	5258	04	154	5294	03	249	5300	03	358	352	02
29	987	5150	11	509	071	5191	06	113	5220	06	158	5224	06	255	5267	05	365	312	03
30	979	5151	07	515	065	5169	03	109	5185	03	153	5194		252	5203		365	269	
31	976	5076	19	518	064	5135	08	107	5173	06	152	5207	05	250	5245	04	361	310	03

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹
01	492	390	02	644	445		830	591	075	725								
02	482	345	03	634	465		819	609	062	729	230	760						
04	479	387	02	629	505		811	627	054	711	223	735	459	762	587	785	748	787
04	481	423		629	525		809	648	053	716	222	740						
05	488	442		634	551		813	660										
06	484	449		629	564		807	650	050	726	219	734						
08	493	419		641	527		822	647	064	718	232	744						
08	493	428	01	641	515		821	665	061	729								
09	497	421		645	510		829	615	074	694	245	707						
10	503	398	02	654	416		843	574	086	779	252	760						
12	510	375		661	465		847	600	089	746	256	759						
12	521	355		673	487		857	609	099	735	268	725	505	766	633	787		
13	516	356		667	472		852	607	095	746	263	742	497	775				
14	507	351		659	449		845	603	088	781	249	818						
15	493	365		645	478		829	615	071	754	237	780						
17	481	419		629	513		811	637	055	725	223	760	454	805	580	795	742	835
17	485	387		635	489		818	654	063	718	231	750						
18	492	410		641	514		823	634	063	735								
20	489	405		638	519		819	637	063	717								
20																		
21	500	435																
22	497	376	02	647	490		831	612	074	709	245	723						
23	489	385	02	639	513		820	649	061	744	228	754						
24	487	392	01	636	515		787	648	055	760	221	782						
25	480	411		629	523		809	631	050	755	216	776						
26	478	433		625	526		806	640	048	728								
27	481	420		629	520		810	641	053	710	223	734	457	785				
28	483	437		630	526		811	621	057	704	226	744						
29	493	366	01	644	479		828	623	069	770	233	812						
30	495	350	02	638	460		824	590	067	790	228	803	458	794	584	788	748	800
31	488	405	01	637	481		824	570	070	716	239	740						

Results of Radiosonde Observations,
DAVIS – Sep., 1960

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	966	5072	18	524	054	5119	10	098	5153	09	143	5196	07	242	5222	07	354	276	05
02	974	5080	15	530	062	5115	09	105	5144	10	151	5157	11	251	5234	06	361	324	03
03	978	5144	08	516	065	5131	09	107	5155	09	154	5149	09	253	5237	07	364	321	03
04	946	5090	14	542	040	5116	10	084	5148	08	129	5176	08	227	5235	07	339	285	05
06	959	5104	15	531	051	5119	14	094	5149	11	140	5179	10	239	5231	07	350	324	03
06	973	5195	08	519	060	5184	04	102	5210	03	147	5215	03	245	5250	02	356	317	
07	971	5126	13	521	059	5165	10	101	5198	08	146	5234	06	243	5257	05	353	347	02
08																			
09	986	5235	05	509	067	5226	04	109	5232	04	154	5211		252	5230	04	363	307	02
10	975	5167	08	518	061	5178	03	104	5187		149	5184		248	5222		360	273	02
11	981	5195	05	513	064	5244	02	106	5255	02	149	5235	01	245	5278	03	355	343	03
12	977	5252	03	516	060	5294	01	101	5318	02	144	5316	01	240	5271	02	350	320	
13	982	5263	03	512	065	5220	04	107	5232	05	151	5232	05	249	5265		359	319	
14	979	5175	07	517	065	5162	06	108	5196	06	152	5233	06	250	5214	02	363	268	
15	967	5095	14	523	056	5132	09	099	5156	10	145	5194	09	243	5259	05	353	319	03
16	958	5163	04	531	048	5182	04	091	5207	03	136	5237	03	233	5225	04	346	283	02
17	968	5190	07	523	055	5235	04	097	5238	04	141	5249	04	238	5272	04	347	344	03
18	975	5220	03	517	060	5230	04	102	5259	04	146	5267	04	243	5267	03	339	315	
19	970	5162	08	522	057	5209	04	099	5246	04	143	5257	04	240	5290	04	349	327	03
21	975	5181	05	517	061	5219	03	103	5248	03	147	5273	03	243	5260	04	354	306	03
21	988	5157	04	508	071	5220	04	113	5234	05	157	5256	04	253	5290	04	363	340	03
22	988	5144	11	508	072	5174	07	114	5205	07	159	5222	06	257	5249	06	368	330	03
23	976	5205	04	517	061	5198	02	104	5204	02	149	5172		248	5242	02	358	341	01
24	970	5214	04	525	052	5243	03	094	5243	03	138	5279	02	234	5287	04	343	360	01
25	981	5239	04	513	064	5224	04	106	5244	04	150	5216	03	247	5275	02	357	361	
26	968	5200	05	523	055	5187	03	098	5227	02	142	5241	02	240	5255		350	330	
28	977	5190	05	517	063	5171	03	105	5180	03	150	5196	04	248	5259	03	358	323	02
28	970	5063	14	523	059	5075	11	104	5121	10	150	5153	11	250	5190	08	363	260	05
29	977	5140	06	516	064	5165	05	106	5194	05	151	5220	05	250	5214	04	363	290	05
30	977	5154	07	517	063	5155	05	106	5167	05	152	5160	04	251	5213		363	305	

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹
01	484	330	03	637	462													
02	487	426	01	635	536		815	612	061	694	231	742						
03	491	401	01	640	479		825	614	067	732	235	745						
04	468	359	03	621	446		807	593	055	690								
06	483	385		633	502		816	608	059	735	225	748						
06	476	386	02	624	511		805	664	044	762	209	778	441	780	569	786	733	777
07	479	429	01	626	514		807	647	049	730	217	742						
08																		
09	491	378	02	642	477		826	623	065	794								
10	489	368	01	640	463		825	607	065	819								
11	480	443		626	551		806	635	050	715	218	760						
12	478	346		630	458		816	604	060	738	228	745						
13	486	401		636	468		821	605	067	687								
14	493	342		645	460		830	604	073	742	241	730						
15	481	370		631	500		813	657	055	730								
16	475	367	01	625	504		808	623										
17	474	403	01	622	516		804	645	047	704	214	739	450	752				
18	467	374		618	488		801	632	039	766	205	781						
19	475	420	01	621	555		797	651	037	730	205	763	437	787	565	760		
21	481	421	01	628	544		807	667	045	751	212	765						
21	488	422		635	549		815	648	055	743								
22	493	443	01	639	560		817	663	056	754	224	762	458	770	586	767		
23	483	446		629	573		806	667	048	733	216	745	451	757	580	764		
24	467	461		613	551		792	655	036	706	205	727	443	749	572	754		
25	481	425		630	498		813	599										
26	477	385	01	628	475		812	615	057	700	223	705						
28	465	386	02	635	494		818	626	061	713	230	750	465	749				
28	493	364	01	644	444		830	598	076	714	244	731	480	747	610	747		
29	491	384		641	485		825	622	068	714								
30	490	400		639	500		822	619	068	694								

Results of Radiosonde Observations,
DAVIS – Oct., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg
01	985	5156	07	510	068	5187	05	111	5204	05	156	5208	06	255	5251	03	365	330	
02	987	5158	06	509	070	5196	03	113	5225	03	158	5165	05	257	5223	03	369	307	01
04	984	5214	04	510	068	5227	02	109	5250	02	153	5235	03	252	5205		365	265	
04	986	5193	05	509	069	5224	02	110	5265	02	154	5245	02	253	5210		365	286	
05	990	5174	06	506	072	5206	04	114	5246	04	158	5205	03	253	5271	03	364	306	
06	987	5180	06	509	070	5208	02	112	5246	03	156	5207	03	251	5275	03	361	301	
07	993	5126	10	504	076	5177	07	119	5203	07	163	5241	05	260	5280	04	370	315	03
09	003	5095	14	003	084	5155	08	127	5191	07	172	5216	07	269	5244	06	380	328	03
09	011	5111	12	009	090	5159	08	133	5174	09	178	5207	08	275	5260	05	386	325	02
10	999	5155	08	500	080	5177		122	5190		168	5157		267	5231		379	244	
11	972	5096	08	520	061	5126	06	104	5156	05	150	5172	05	249	5204	04	362	266	
12	966	5085	12	526	055	5127	09	099	5159	08	144	5195	07	242	5244	06	353	296	04
13	973	5080	13	520	061	5124	10	105	5156	10	151	5175	10	250	5214	08	362	284	05
14	976	5099	10	517	064	5124	09	107	5164	08	152	5178	09	251	5236	06	363	318	03
15	980	5095	12	514	066	5144	08	109	5174	09	155	5196	08	253	5258	06	363	305	04
16	980	5116	09	514	066	5175	04	109	5201	05	154	5210	07	252	5264	05	361	321	03
17	982	5160	07	509	066	5190	05	109	5223	04	153	5234	05	251	5280	04	361	314	03
18	989	5169	07	508	072	5189	09	114	5223	06	159	5204	06	257	5264	04	367	310	03
19																			
20	992	5160	06	505	074	5186	03	117	5175	03	163	5150		262	5200		375	269	02
21	987	5156	06	508	071	5191	03	113	5210	02	158	5185		258	5210		370	276	04
22	990	5155	06	506	073	5193	03	115	5209	03	160	5194	03	257	5217	03	371	294	03
23	989	5152	07	507	072	5195	05	114	5229	05	158	5249	05	255	5275	04	365	328	01
24	987	5155	10	509	070	5199	06	112	5221	05	157	5250	04	252	5331	02	357	371	02
25	986	5176	07	509	070	5193	06	112	5222	06	156	5261	05	251	5324	03	359	375	02
26	987	5140	12	509	071	5189	07	113	5217	06	158	5244	05	254	5321	03	362	381	02
27	993	5159	08	504	075	5201	04	117	5235	03	161	5259	03	258	5260	04	369	313	03
28	975	5074	13	518	063	5116	09	107	5130	09	153	5169	07	253	5210	08	365	284	04
29																			
30	978	5016	25	517	067	5071	15	110	5109	13	158	5124	15	259	5184	10	371	274	05
31	972	5089	12	520	061	5110	05	105	5127	05	151	5159	04	252	5162	04	366	251	

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	491	411		639	512		821	621	068	686	237	702	478	713				
02	496	396		646	485		831	577	081	677	253	701	464	691	598	695		
04	495	344		647	465		832	609	074	733	243	731	482	711				
04	495	352		647	440		835	583	078	749	246	737						
05	492	381		642	485		825	629	069	701	240	712	450	705	613	684		
06	489	379		639	485		823	611										
07	497	408	01	645	503		828	639	071	701	241	711	484	672	619	653	794	645
09	506	401	01	655	520		836	639	081	702	251	710	493	686				
09	513	379	01	664	474		848	611	095	656								
10	511	302		667	399		856	564	101	693	271	737						
11	493	294		649	389	01	840	556	086	761	223	721						
12	463	382	02	632	475		818	572	069	657	242	683	486	673	621	674	794	671
13	490	386	02	641	470		827	581	075	667	248	692	491	679	625	676	780	676
14	490	371	02	641	463		827	578	074	732	245	699	487	675				
15	490	383	02	641	472		826	595	071	721	241	713	483	683	617	655	793	635
16	489	384	02	639	494		823	607	067	720	236	712	479	669	614	649	790	635
17	488	395		637	495		821	620										
18	494	406	01	642	524		823	624	067	716	237	716	478	683				
19																		
20	503	363	02	656	468		841	597	085	770	250	774	486	717	618	696		
21	499	356	02	651	465		836	614	078	758								
22	499	376	02	649	482		834	590	078	760	246	723	487	681	621	665		
23	491	413		640	504		823	606	071	673	244	672	491	628	629	616		
24	481	451		629	501		813	582	065	633	242	634						
25	483	440		631	520		813	615	062	648	238	639	490	583	632	545		
26	485	450		632	524		816	583	067	631	245	623	499	569	640	596		
27	496	391	02	646	470		830	625	076	664	251	632						
28	495	340	03	649	413	02	839	545	090	652	267	635	519	558	663	527		
29																		
30	501	352	02	653	455		840	581	088	665	263	645	516	558	629	533		
31	496	351		649	442		835	577	085	678	259	632	512	566	656	517	847	477

Results of Radiosonde Observations,
DAVIS – Nov., 1960

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	972	5025	25	521	062	5060	18	107	5095	18	153	5129	14	254	5184	11	367	262	03
02	981	5017	20	513	069	5076	10	113	5095	12	160	5119	12	261	5187	10	374	270	05
03	984	5041	24	512	071	5090	16	115	5106	18	161	5135	15	261	5208	09	373	306	04
05	975	5023	15	519	064	5075	14	108	5105	15	155	5120	16	256	5184	11	369	256	06
05	982	5045	13	513	069	5103	13	113	5120	12	159	5156	11	259	5213	08	371	289	04
06	980	5076	06	514	067	5129	07	110	5146	07	156	5191	07	257	5185	04	371	250	03
07	983	5104	08	512	069	5146	04	112	5162	04	157	5185	05	257	5191	03	370	272	04
08	981	5091	08	514	067	5141	06	110	5170	06	156	5174	06	255	5212	03	367	292	04
09	981	5090	10	514	067	5150	07	110	5168	08	155	5193	08	255	5236	05	365	300	04
10	981	5076	07	513	068	5136	06	111	5144	05	157	5172	08	256	5201	04	369	272	02
12	969	5041	15	523	059	5101	11	103	5136	10	149	5174	09	248	5211	07	361	262	06
12	980	5059	12	514	067	5112	12	111	5124	11	157	5154	09	257	5235	05	367	332	03
13	980	5095	08	514	067	5139	05	110	5166	07	155	5196	07	254	5214	03	366	295	02
14	980	5090	09	514	066	5157	06	109	5171	07	155	5192	08	254	5220	05	366	277	02
15	981	5066	11	514	068	5119	09	111	5144	11	156	5174	10	255	5213	05	368	280	02
16	982	5075	18	513	069	5138	11	112	5150	12	157	5190	09	255	5231	06	367	287	04
17	999	5064	16	500	082	5126	08	125	5161	07	171	5202	06	259	5231	05	380	275	04
18	980	5065	12	514	068	5117	12	111	5149	11	157	5175	11	255	5231	07	367	293	04
19	954	5030	22	536	047	5064	12	091	5101	12	138	5136	14	238	5210	08	351	246	06
20	983	5050	16	513	067	5110	11	113	5149	10	159	5179	10	258	5231	05	370	298	03
21	993	5025	29	504	079	5073	23	123	5103	20	169	5131	17	271	5200	08	383	272	04
23	980	5062	08	515	067	5124	05	111	5141	04	157	5125	04	258	5182	04	371	256	05
23	985	5034	10	511	069	5074	06	116	5096	05	163	5105		264	5177	04	378	263	05
25	992	5044	12	505	077	5117	08	120	5131	09	166	5159	05	256	5200	56	379	276	05
25	993	5045	13	504	078	5099	11	122	5120	08	168	5150	08	257	5207	05	380	269	
26	989	5039	13	508	074	5106	10	118	5139	11	155	5143	09	265	5208	06	377	261	02
27	994	5022	13	507	076	5101	11	119	5134	12	166	5144	10	266	5195	07	379	268	02
28	996	5035	15	502	080	5102	13	124	5131	11	170	5150	10	269	5238	06	381	279	04
29	991	5051	13	506	077	5095	11	120	5124	10	165	5158	10	265	5242	06	377	280	04
30	988	5051	25	508	074	5096	18	118	5125	16	164	5155	13	263	5235	07	375	312	04

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹
01	497	332	01	651	436		838	584	084	688	258	649	511	566	653	552	837	514
02	504	335	03	657	435		846	565	093	724	265	665	515	594				
03	502	351	03	654	462		840	585	087	674	261	655	514	561				
05	499	360	02	649	485		833	610	021	655	259	603	518	513				
05	499	375	02	649	500		831	601	081	644	258	613	515	515	662	449		
06	501	347	02	653	466		839	607	086	630	266	573						
07	499	368	02	650	473		837	559	088	607	269	549	537	419	688	394	886	395
08	496	365	02	647	474		831	597	084	604	264	572	525	484	674	457	870	364
09	493	381	01	644	483		827	608	078	619	257	599						
10	499	333	02	652	445		839	585	085	651	261	647	514	556	658	491	848	458
12	491	349	03	643	459		830	582	080	610	260	594						
12	493	407	01	642	511		824	617	074	619	253	601	510	536	654	513	843	472
13	494	385		643	500		827	584										
14	495	363		646	484		832	559										
15	497	364	01	649	451		835	578	091	553	278	475	549	434	699	442	892	450
16	496	375	01	647	455		833	575	087	570	272	514	542	408	695	397	891	416
17	510	354	02	662	450		848	599	098	610	280	538	547	442	699	383	897	372
18	495	374	02	646	474		831	590	085	581	268	538	535	436	687	386	887	345
19	482	330	03	636	431		824	564	077	593	260	526	527	448	677	418	874	372
20	498	363		650	457		836	580	091	573	275	535	542	435	693	421		
21	512	365	02	663	476		847	621	097	606	279	546	543	472	692	430	886	411
23	508	344	03	661	450		846	610	095	605	277	519	546	423	698	391	896	382
23	501	349	03	653	446		839	597	092	571	275	545	544	410	697	367		
25	509	360	02	661	450		849	575	101	598	284	523	552	425	701	424		
25	508	343	03	661	445		847	601	100	573	284	515	554	411	706	391		
26	507	342	02	660	438		848	580	100	574								
27	509	336	02	662	445		849	581	102	556	289	486	558	449	708	422		
28	510	359	01	662	455		850	561	105	549	304	458	577	415	729	402		
29	506	354	01	658	461													
30	502	388	02	652	485		837	579	095	526	284	445						

Results of Radiosonde Observations,
DAVIS – Dec., 1960

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
05	983	5085	18	512	070	5079	13	114	5095	13	161	5114	13	262	5180	03	376	222	03
10	984	5011	12	512	071	5087	11	115	5106	14	162	5130	13	263	5186	06	377	233	03
15	971	5026	10	522	061	5070	12	105	5105	13	151	5134	10	252	5194	05	365	292	03
20	977	5010	11	517	066	5059	09	110	5095	08	157	5095	09	260	5145	07	375	234	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
05	508	295	03	664	402	02	854	556	111	516	299	478						
10	508	305	02	666	311	04												
15	493	362	02	644	471		831	528	098	439	292	420	569	391				
20	506	312	04	661	413		850	566	108	507	297	462	570	413	722	339		

Results of Radiosonde Observations, MACQUARIE – JAN., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg
01	992	080	58	501	085	013	43	131	5025	36	179	5052	31	283	5104	17	400	181	08
02	001	074	39	012	086	5010	32	132	5026	30	180	5052	21	283	5097	06	401	163	
03	095	087	51	504	082	006	36	128	5018	35	176	5045	30	280	5102	20	398	177	13
04	093	049	52	504	081	5006	41	127	5040	33	174	5076	27	278	5129	19	395	194	11
05	001	060	52	001	087	022	50	134	033	57	182	5017	40	287	5085	26	405	120	06
06	011	075	64	009	095	031	51	142	000	44	191	040	44	299	019	12	422	066	09
07	007	082	62	006	092	054	49	139	044	39	188	032	27	295	5034		415	129	06
08	096	088	72	504	084	100	76	132	114	17	182	070	17	291	028	13	414	068	
09	001	056	52	001	087	041	53	133	008	43	182	5023	37	287	5040	10	409	070	
10	002	081	55	002	088	019	37	134	5014	18	182	5038	16	286	5114	12	403	175	
11	001	077	51	502	084	002	35	130	5019	34	177	5063	19	280	5135	05	395	231	07
12	003	053	37	003	088	5022	33	134	5059	25	181	5090	21	284	5110	13	401	175	07
13	002	090	69	001	088	022	46	134	5010	40	182	5030	38	287	5068	31	407	130	19
14	099	058	44	500	085	5013	34	130	5029	33	178	5024	32	283	5086	14	402	140	05
15	096	064	57	503	083	038	56	129	021	52	178	013	52	286	5018	63	407	083	21
16	993	040	35	506	079	5041	27	124	5041	25	172	5048	09	276	5094		395	129	07
17	992	067	58	500	086	5005	37	131	5025	34	180	5008	34	286	5052	33	405	115	23
18	987	066	42	510	076	5014	33	121	5045	27	169	5057	24	272	5115	18	389	166	14
19	979	074	50	518	069	015	41	115	5011	37	163	5056	27	268	5080		387	130	
20	997	042	40	501	084	5023	32	129	5036	27	177	5054	15	280	5109	07	397	174	
21	010	063	53	009	095	060	48	141	056	51	191	007	40	297	5032	38	417	124	19
22	009	034	37	008	101	5035	29	138	001	10	187	014		293	5048		413	104	
23																			
24	001	068	49	001	087	5002	32	133	5018	30	181	035	18	288	5008	20	410	063	18
25	984	062	50	513	073	040	51	119	009	43	168	5017	37	275	5049		393	116	10
26	964	064	56	530	056	020	46	102	5004	40	151	5024	37	256	5075	29	374	159	17
27	988	080	45	510	085	5012	31	131	000	08	179	5022	10	284	5093	07	401	068	11
28	968	064	56	527	059	018	42	105	5026	29	153	5043	25	257	5110	08	374	193	
29	991	037	44	506	078	5026	32	123	5044	30	171	5066	27	275	5088	27	394	138	20
30	001	059	54	009	095	008	39	140	5024	33	188	5008	30	294	5077	19	412	148	17
31	973	097	69	523	065	035	43	111	020	43	160	003	40	266	5022	10	387	091	

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹
01	534	290	03	690	414		878	561	142	493	330	483	597	483	746	496	935	500
02	536	258	06	694	371	03	887	499	147	495	334	504	598	496	744	485	933	494
03	532	248	06	691	356	02	885	508	150	482	338	496	604	483	750	485	939	477
04	528	294	05	683	422		874	491	142	455	332	489	597	496	744	497	932	496
05	542	225	10	703	340	03	897	512	157	508	346	486	611	496	758	469	950	425
06	561	170	08	725	282	06	925	423	185	619	364	578						
07	553	169		717	281	03	916	458	173	627	355	521	616	528	760	547	944	530
08	555	126		722	242		925	375	190	624	365	590	621	550	764	550	955	529
09	549	157		714	264		916	424	182	505	370	536	627	566	769	546	954	533
10	538	245		698	315		895	462	160	469	351	471	615	513	760	515	948	486
11	527	294	03	683	398	01	875	528	142	458	339	478	601	469	747	487	936	502
12	535	272	05	693	347		888	486	154	476	343	495	610	471	757	492	946	480
13	544	202	12	705	334	04	903	467	164	536	349	537	610	534	754	510	941	515
14	538	228		698	372	01	889	508	153	509	341	512	603	539	747	524		
15	546	179	10	711	277	06	911	435	175	602	352	583	612	548	755	530	941	513
16	532	205		693	327		889	480										
17	543	196	06	707	276	07	908	414	173	541	357	536	616	549	759	538	945	517
18	524	256	08	683	363	03	875	518	142	461	333	486	600	487	746	474	936	479
19	524	198		686	326	02	882	494	147	466	336	491	598	524	743	507	931	492
20	532	233		692	344		888	460	154	529	341	506	604	516	749	512		
21	554	222	08	715	321		910	489	168	577	350	560						
22	551	198		713	311		910	491	169	554	353	540	614	526	758	515	945	509
23																		
24	550	166	11	714	288	05	913	448	174	582	356	554	615	521	760	525	946	510
25	531	200	10	693	327	02	888	489	151	490	339	513	604	497	750	484	939	497
26	509	266	07	666	394	02	857	542			316	448	587	451				
27	536	270	04	692	386	01	885	490	150	478	339	504	605	487				
28	507	272	06	665	376	03	857	531	124	457	316	460	585	473	733	467	924	456
29	530	242	09	689	365	03	881	542	137	523	345	495	592	471	740	450		
30	549	215	11	709	346	04												
31	526	175		689	309		886	475	149	515	336	520	598	523	740	512		

Results of Radiosonde Observations,
MACQUARIE – Feb., 1960

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	989	065	42	509	077	5005	32	122	5050	23	170	5082	16	272	5150	04	386	243	02
02	988	050	45	509	076	5022	30	122	5023	08	170	5030	09	274	5100	20	392	173	10
03	993	073	54	506	081	037	47	127	5005	37	175	5010	38	281	5040	34	402	070	27
04	991	083	64	006	080	038	43	126	003	31	175	5020	15	280	5058	13	399	155	08
05	001	083	55	001	088	027	46	134	001	40	182	5012	30	288	5054		407	122	07
06	996	089	64	503	084	030	47	130	006	37	178	5009	18	284	5068	07	402	136	16
08	990	089	64	508	079	062	47	126	025	37	175	5006	26	280	5055	21	400	138	08
08	997	067	46	501	084	5018	33	130	5044	30	178	5067	27	280	5138	16	395	214	05
09	011	047	40	009	094	5018	29	139	5050	19	187	5070	08	290	5114	15	406	201	07
10	995	075	58	503	083	041	48	130	007	40	180	031	15	296	5018		407	078	08
11	990	068	50	508	078	007	35	124	5028	28	172	5064	20	275	5130	14	391	197	09
12	994	080	66	504	082	045	56	128	017	46	177	5014	40	283	5067	29	402	126	19
13	987	059	58	510	076	015	46	122	007	47	171	5010	44	276	5069	33	395	137	18
14	969	052	52	523	063	015	44	109	5005	40	158	5032	33	262	5099	21	379	190	09
15	985	068	39	511	074	5011	31	120	5046	26	167	5074	19	270	5155	10	385	224	06
16	973	073	63	523	065	048	55	111	010	45	159	5025	36	265	5075	23	383	160	08
17	005	059	43	004	089	5039	30	134	5067	21	181	5102	18	283	5167	07	397	236	03
18	010	060	58	009	095	020	48	141	5004	43	190	5020	40	295	5065	26	414	128	15
19	009	078	50	007	092	5020	37	137	5048	31	185	5086	22	289	5053		408	132	
20	010	061	53	009	095	044	53	141	015	47	190	007	46	296	5048	34	417	086	29
21	999	093	70	000	087	132	46	135	102	45	186	087	47	294	000	29	417	057	
22	008	061	37	008	092	5015	29	138	5036	10	185	5059	10	290	5082	09	408	147	
23	983	082	68	514	073	043	52	119	000	41	168	5024	37	273	5083	22	391	142	
25	987	055	50	510	075	005	41	121	5028	35	170	5055	31	273	5117	19	389	194	11
25	990	053	41	507	070	5009	33	124	5040	27	171	5074	23	275	5106	13	391	197	05
27	004	047	37	004	088	5032	29	133	5067	18	181	5091	13	283	5145	06	399	191	
27	007	054	35	006	091	5034	26	136	5040	35	184	5046	32	289	5085	28	408	128	22
28	009	073	49	008	093	000	37	138	5005	42	187	5013	40	293	5040	36	413	107	20
29	000	052	41	001	086	5024	32	131	5053	28	179	5076	25	283	5046		403	110	

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹
01	516	345	02	669	452		859	464	129	455								
02	526	275		683	373		877	488	142	476	331	492	598	487	744	476		
03	543	127	16	710	228	06	917	360	191	452	386	414	663	383	817	369		
04	534	249	06	693	361	01	887	506	147	516	332	504	596	519	741	511		
05	545	190	04	707	316	02	905	454	167	544	355	476	623	472	771	469	961	480
06	539	205	11	701	324	04	898	480	156	526	343	499	608	491	755	495		
08	527	295	03	683	404		872	566	137	449	327	505						
08	535	224	03	697	309		896	427	172	380	370	389	649	379	814	378		
09	539	288	04	696	391	02	886	544	146	487	335	493	601	496	747	496		
10	547	166	10	711	276	07	911	450	169	632	348	565	609	528	753	527	940	514
11	524	302	03	679	401		871	531	136	460	327	467	595	487	741	492		
12	538	230	08	699	320	04	895	494	154	536	340	517	603	523	747	513	935	489
13	532	233	08	691	354	03	888	456	149	549	336	487	601	497	748	488		
14	513	276	05	668	423		859	449	135	400	330	449	599	481	747	472	937	477
15	517	293	02	674	385		867	490	137	449	328	474	594	504	740	507		
16	518	237		679	300		877	464	146	455	336	469	604	481	751	474		
17	529	287		685	382		879	475	149	457	339	468	606	501				
18	551	237	05	711	341	02	907	496	166	506	354	507	616	532	760	523	947	517
19	545	217	04	706	335	02	900	501	160	563	344	538	606	512	751	517	937	527
20	556	173	06	721	250	06	924	425	187	595	364	622	616	539	777	552		
21	557	163	05	721	262	07	923	413	192	509	377	583	628	617	767	589	945	569
22	546	173		709	301		907	442	174	513	360	524	621	549	764	542	949	528
23	527	224		687	352		883	453	153	447	345	488	609	519	753	511	941	510
25	522	292	05	678	403		869	496	140	428	333	444	603	466	750	493		
25	524	295	02	680	408		872	454	144	429	336	464	604	494	750	500	939	487
27	533	225		694	324		891	476	155	493	343	497	608	510	751	506	937	517
27	545	210	11	707	298	05	905	469	165	542	350	526						
28	552	179	12	715	308	03	912	467	171	585	353	555	612	547	754	545	937	545
29	540	210		701	342		895	506	160	508	347	513	609	524	753	537	938	540

Results of Radiosonde Observations,
MACQUARIE – Mar., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10-1	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	-°C ×10⁻¹	dg/kg
01	017	049	39	014	099	5035	27	144	5018	09	193	024	26	300	5025	14	420	104	09
02	003	080	65	003	090	083	74	137	112	73	187	107	35	297	003	21	419	060	09
03	007	078	60	006	092	000	33	138	5014	21	186	5022	06	291	5038		411	125	
04	003	073	64	003	090	049	60	136	016	47	185	024	31	292	5040	11	412	118	14
05	000	065	47	001	086	5011	27	131	5032	22	179	5063	21	283	5094		403	106	07
06	999	078	67	000	086	029	52	132	030	56	181	011	51	289	5014	32	410	081	09
07	013	074	50	011	096	5003	31	142	5019		190	5018	09	295	5053		415	138	05
08	000	062	59	001	087	068	68	134	037	56	183	006	49	289	5046	36	409	105	
09	984	065	55	513	073	031	44	119	5007	38	168	5054	29	272	5112	21	389	189	10
10	997	041	35	502	083	5020	28	128	5061	24	175	5094	21	277	5151	10	393	210	07
11	999	054	56	000	086	011	42	131	5013	39	180	5040	42	286	5053	35	406	104	26
12	000	060	58	001	086	010	46	132	5013	41	180	5045	34	285	5078	10	402	160	04
13	004	058	45	004	089	5021	32	135	5045	28	182	5068	27	286	5106	22	4 3	155	16
14	013	060	50	011	097	000	36	142	5035	30	190	5035	30	295	5076	21	414	119	12
15	021	073	62	018	103	000	40	149	5038	33	197	5015	33	303	5055	09	421	119	14
16	019	046	45	016	101	5005	33	146	5015	37	195	5043	31	299	5088	20	417	145	13
17	024	056	41	020	105	030	29	151	014	28	200	002	23	306	5056	13	425	115	06
18	025	043	51	021	106	024	47	152	002	41	201	002	45	307	5052	15	426	130	12
19	011	084	61	010	096	020	42	143	043	18	192	029	19	299	5033	16	419	115	12
21	994	075	61	504	082	017	66	128	000	44	176	5015	41	282	5059	27	401	135	12
21	996	073	58	503	083	024	42	130	5011	36	178	5020	29	283	5098	20	400	161	
22	996	069	48	503	083	016	23	129	005		177	5030		283	5055	22	403	103	20
23	992	051	38	506	079	5024	28	146	5065	25	172	5107	20	273	5171	12	387	261	05
24	012	045	31	010	094	5043	24	139	5082	19	186	5088	13	289	5121	11	406	183	10
25	000	057	58	001	087	030	53	133	024	54	181	001	48	288	5042	34	408	091	21
26	001	065	48	002	087	5008	33	132	5036	24	180	5067	18	283	5131	09	399	205	06
27	987	046	45	510	075	5021	34	120	5043	32	168	5073	26	271	5133	17	387	221	08
28	006	036	25	006	090	5040	23	135	5090	19	192	5105	06	284	5130		400	187	05
29	985	066	36	511	075	5010	32	120	5037	20	168	5032		273	5060		392	120	07
30	976	071	61	519	067	5017	43	113	5010	37	161	5035	34	266	5101	24	383	187	11
31																			

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	-°C ×10⁻¹	dg/kg	gpDm	-°C ×10⁻¹	dg/kg	gpDm	-°C ×10⁻¹	gpDm	-°C × 10⁻¹	gpDm	-°C ×10⁻¹	gpDm	-°C ×10⁻¹	gpDm	-°C ×10⁻¹	gpDm	-°C.×10⁻¹
01	559	182	12	722	292	06	921	456	161	650	356	595	612	562	754	557	938	544
02	559	168	08	722	294	03	921	439	182	642	361	570	619	559	761	555	945	538
03	548	227		707	350		901	521	160	528	346	518	609	519	753	542	938	537
04	550	175	09	714	274	06	915	409	178	631	355	578	612	562	755	532	940	533
05	542	206	08	704	287	04	903	449	166	502	353	520						
06	550	151	09	715	274	02	916	427	181	534	364	591						
07	551	231		710	363		904	484	167	513	353	529	612	564	755	534	940	541
08	547	200		710	306	04	907	484	168	511	354	570	611	566	753	539	937	551
09	523	261	05	682	359	03	876	490	143	475	333	496	598	508	743	514	929	524
10	525	259	06	683	398	02	874	492	141	476	331	496	599	486	743	498	931	505
11	545	179	15	708	294	06	907	462	166	574	350	531	609	558	751	544	936	530
12	537	240	04	697	349	03	892	489	154	547	338	532	599	535	743	546	927	544
13	539	230	08	699	336	04	894	491	151	594	333	540	594	529	740	521	925	525
14	551	214	06	712	325		908	493	165	643	344	566	602	548	746	528		
15	559	194	06	722	321		920	482	173	675	349	608	604	564	745	560	929	554
16	553	231	09	713	345	04	908	501	163	591	345	559	603	553				
17	564	170		727	317		923	488	177	705	351	627	603	594	744	565		
18	563	213	06	724	326		921	481	177	662	354	612	607	591	747	560		
19	557	210	04	718	329		913	493	170	613	350	593	605	577	746	564		
21	535	262	06	693	372	03	885	532	140	529	327	510	591	504	737	502	924	504
21	537	239	03	646	367		888	511	150	519	337	516	597	542	740	543	925	530
22	541	198	11	702	325	04	898	496	159	552	342	561	603	552	746	537	932	523
23	518	325	15	673	404	10	867	424	140	442	331	497	597	513	741	532	926	525
24	541	230	11	700	364	02	893	519	151	552	335	541	596	530	740	534	926	504
25	547	175	11	711	277	05	912	431	171	619	352	539						
26	531	325	04	686	403		876	559	136	499	325	480	592	478				
27	518	329	04	671	431		858	554	123	483	314	484	579	505				
28	534	250	05	693	344	03	889	486	149	543	334	527	595	544				
29	530	192		691	339		888	461	151	514	338	526	597	562	740	550	924	542
30	516	292	05	673	376	02	867	480	137	451	328	484	592	523	737	511		
31																		

Results of Radiosonde Observations,
MACQUARIE – Apr., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	dg/kg
01	994	056	47	505	081	5015	33	126	5036	31	173	5065	27	277	5122	17	393	177	04
02	989	073	63	509	078	041	56	124	020	52	173	012	51	279	5065	32	399	135	18
03	982	078	40	515	072	022	46	118	5019	38	166	5039	35	270	5102	23	387	190	10
04	994	037	39	504	081	5022	33	126	5055	29	173	5091	21	276	5131	12	392	196	05
05	011	067	57	007	096	020	46	142	5010	38	190	5040	32	294	5089	13	412	140	15
06																			
07	999	068	47	001	086	5006	30	131	5023	14	179	5034		284	5041		405	092	10
08	019	060	45	016	101	5009	36	147	5015	33	195	5030	34	299	5100	22	418	152	13
09	014	071	55	012	097	5016	34	142	040	15	191	015		297	5056	08	417	111	
10	007	057	40	006	091	5024	21	136	5040	15	184	5057	08	287	5125	06	404	167	11
11	006	073	64	006	092	005	44	138	016	30	187	5001	38	293	5065	29	412	126	21
12	001	060	52	002	088	018	43	133	5005	41	182	5020	40	287	5062	31	407	116	
13	009	045	36	009	093	5041	27	137	5041	29	186	5005	10	291	5067	08	410	120	06
14	991	063	61	506	080	049	60	127	041	60	176	009	50	282	5074	27	401	136	06
15	974	070	58	521	065	022	46	111	5007	40	159	5043	33	264	5096	21	381	179	08
16	974	059	56	521	065	030	51	111	016	50	160	5008	44	266	5055	31	385	127	14
17	974	073	58	521	065	023	49	111	5007	41	160	5036	32	264	5098	22	382	162	15
19	969	042	44	525	060	5015	32	106	5046	28	153	5084	22	254	5148	11	370	242	06
19	995	035	42	508	082	5028	30	127	5059	24	175	5084	19	277	5166	10	391	248	05
20	015	050	42	013	097	5044	25	142	5073	21	189	5080	08	291	5144	04	407	213	
21	023	036	38	019	103	5044	26	149	5014	22	196	5025	09	302	5075	09	420	147	09
23	011	052	54	010	096	063	66	143	042	56	193	016	53	300	5031	14	419	083	
23	014	070	58	012	098	057	62	145	034	55	194	005	50	300	5043	38	420	110	22
24	008	075	62	007	094	062	65	141	039	57	190	022	55	297	5028	36	418	085	23
25	015	041	46	013	098	016	44	144	009	42	193	002	32	299	5069	24	418	129	13
26	015	056	56	013	099	072	42	146	056	25	195	026	14	302	5060	21	421	112	10
27	009	076	65	008	095	073	55	142	030	45	191	5017	33	296	5036	10	416	114	08
28	989	070	62	509	078	058	64	125	045	61	174	014	53	280	5038	39	401	105	22
29	017	046	32	014	098	5052	25	143	5092	18	190	5096	06	292	5131		407	237	
30	025	045	36	020	104	5061	24	149	5065		196	5072		300	5118	07	416	200	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	527	263	02	685	388	02	876	538	137	482	326	496	591	512	734	529		
02	535	224	09	696	340	02	891	481	149	569								
03	520	283	04	679	366	02	871	476	134	515	322	506	587	505	731	522		
04	525	279		682	394		873	511	137	476	327	496	591	521	735	525	921	526
05	548	216	10	709	350	03	903	515	155	596	337	550	597	548				
06																		
07	545	156	18	711	254	07	912	432	172	636	352	584	607	577				
08	553	244		712	377		903	559	160	542	343	557	601	568	743	567		
09	554	222		716	297		915	452	174	628	351	576	607	579	747	578		
10	539	238	06	698	360		891	524	152	524	337	537	597	554	740	547		
11	549	201	12	711	291	07	909	464	165	659	343	595	597	588	737	589	918	582
12	544	219		705	330	02	903	468	162	570	345	564	604	583	744	593		
13	547	225	04	707	357	02	901	516	153	602	334	573	591	558	734	553		
14	537	224		697	352		890	531	144	613	321	601	576	591	716	590		
15	515	279	02	671	421		861	484	127	500	313	534	574	535	687	548		
16	521	222	07	681	364	02	873	541	131	520	317	522	579	521				
17	517	249	08	676	376	02	867	548	125	536	310	522	575	497	721	488	910	525
19	520	354	03	673	461		861	524	126	493	313	517	577	519	722	513		
19	501	350	03	653	446		845	436	119	454	310	472	574	527	718	507	905	514
20	539	293		695	419		885	533	144	553	328	546	587	545				
21	556	240	05	715	370	01	907	538	159	589	339	578	594	588	735	564		
23	558	200	11	720	315	04	917	475	172	475	348	705	603	572	743	580		
23	558	195		720	304	05	918	472	173	639	353	589	606	595				
24	556	191	10	719	308	04	918	431	193	409	384	418	663	428	812	454		
25	555	229	05	714	359		907	533	160	598	342	557	600	553	741	555	924	559
26	558	205	04	719	339	03	914	499	170	626	348	598	603	574	744	567		
27	553	213	04	715	310		913	473	168	649	346	599	600	588				
28	539	193	11	701	312	04	897	477	155	597	337	564	597	531				
29	538	347		690	449		878	561	139	511	325	510	588	524	733	512		
30	549	279		706	383	01	896	551	149	591	331	587	586	588	726	576		

Results of Radiosonde Observations,
MACQUARIE – May., 1960

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	031	058	44	026	110	5029	31	156	5002	09	204	5032	10	309	5094	13	426	148	
02	017	066	48	015	100	025	45	146	5020	33	195	016	11	302	5032	10	422	116	08
03	000	060	58	001	087	025	46	133	032	36	182	009	33	288	5050	11	408	128	07
04																			
05	009	037	50	008	094	052	62	141	034	56	190	011	45	296	5064	30	415	133	15
06	000	053	55	001	087	035	54	133	026	52	182	5013	42	287	5076	29	406	142	
07	989	063	57	508	078	049	60	125	016	51	173	5029	37	278	5074	15	397	147	16
08	989	055	48	509	077	036	49	123	014	39	172	5030	29	299	5081	20	394	165	09
09	981	058	56	516	070	007	21	116	5016	40	164	5040	34	269	5096	23	386	175	12
10	983	031	34	513	072	5034	28	116	5072	23	164	5097	21	266	5135	07	382	203	
11	996	022	38	503	081	5038	28	126	5062	27	173	5083	25	276	5119	20	393	188	12
12	011	000	21	001	093	5082	14	137	5124	13	184	5101		287	5086		405	176	
13	020	034	40	016	101	5021	35	147	5015	36	195	5029	19	299	5093	07	417	141	
14	013	017	38	011	096	043	34	142	009	16	191	5031	16	295	5084	07	414	125	
15	009	026	44	007	092	020	32	138	008	12	187	5010	10	291	5077	07	410	153	
16	019	019	39	016	101	033	18	147	016	16	196	012	10	302	5075		420	156	05
17																			
19	006	042	37	005	090	5043	25	135	5059	18	182	5066	07	286	5121	05	403	179	
19	011	056	56	009	095	015	43	141	005	40	190	5001	15	295	5062		414	140	
20	993	039	41	505	080	5041	28	124	5070	25	171	5103	20	273	5145	02	390	187	04
21	993	016	26	504	080	5065	19	124	5105	16	171	5147	13	271	5141	05	387	204	05
22	994	041	31	504	081	5045	22	125	5078	19	172	5125	13	273	5145		390	163	05
23	003	015	35	003	086	5074	22	131	5100	19	177	5136	15	278	5176	08	392	253	04
24	010	023	36	009	093	5054	24	138	5078	18	185	5076	07	288	5101	06	406	153	09
25	022	053	55	018	104	5026	52	150	019	45	199	5002	36	305	5060	23	424	153	17
26	024	051	44	020	106	018	43	151	5014	36	200	5030	27	306	5049		425	134	
27	018	063	70	015	102	052	60	149	029	54	198	029	16	305	5030		425	127	
28																			
29	984	069	63	515	072	060	65	119	027	55	167	5002	47	273	5057	33	393	115	18
31	967	037	37	527	059	5015	27	104	5058	18	151	5087	09	253	5152		369	181	04
31	980	5008	34	516	068	5052	22	113	5095	18	159	5130	14	259	5209	08	372	278	04

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS	80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹
01	561	245		721	346		915	515	166	661	342	616	594	612	732	631		
02	560	195		722	307	04	919	477	173	702	346	631	597	604				
03	544	228	04	704	353		899	489	155	619	335	583	590	585	730	586		
04																		
05	551	237	05	710	358		903	530	155	599	335	585	590	590	730	596		
06	542	245		701	356	01	894	531	143	651	322	566	577	582	719	577		
07	532	241	09	691	361	03	884	540	135	578	318	551	576	569	717	570		
08	529	261	03	686	393	01	877	552	132	554	316	551	574	564	716	566		
09	520	286	05	675	431		862	573	121	507	308	522	570	533				
10	515	293		671	391		862	546	123	515	309	499						
11	527	280	06	683	405	02	872	571										
12	539	255		697	385		889	536	143	606	323	577						
13	553	227		713	354		907	519	158	689	333	623	558	575				
14	551	223		710	355		904	515	154	687	330	601	586	560	727	560		
15	545	254		703	367	02	895	540	145	645	324	563	581	561	723	560		
16	555	259	02	712	382	01	903	552	156	566	341	522	605	491				
17																		
19	537	251	06	695	366	03	888	513	144	577	327	538	587	559	728	582	909	589
19	550	237	04	711	320	03	907	484										
20	523	273		680	391		871	551	130	522	315	552	575	556				
21	520	276	03	678	366													
22	524	262	02	681	395		871	562	127	559	310	548	569	558	711	561	894	570
23	524	291		679	412		868	578	120	553	303	561						
24	541	248	05	700	374	01	892	533	142	654	320	604	574	586				
25	559	250	08	717	366	03	910	534	160	685	335	621	588	601	724	599		
25	561	235		721	357		913	528	165	679	340	624	591	607				
27	561	216		722	348													
28																		
29	531	210	09	692	318	04	889	478	144	672	319	633	571	596				
31	502	305		656	438		846	504	113	492	301	509	565	525	707	568		
31	500	370	02	652	471		839	510	106	469	300	478	562	510				

Results of Radiosonde Observations,
MACQUARIE – Jun., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10-1	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	-°C ×10⁻¹	dg/kg
01	991	5010	27	507	077	5078	16	121	5112	12	167	5154	10	266	5222	06	379	240	
02	009	034	34	007	091	5052	24	136	5089	20	183	5120	18	285	5129	11	401	195	09
03	005	043	39	005	039	5045	25	134	5080	22	181	5109	20	282	5170	12	396	234	04
04	023	056	51	019	104	015	43	150	5011	36	198	5009	32	304	5071	08	422	159	
05	023	056	50	019	105	5009	32	150	5046	27	197	5001	14	303	5061		422	153	
06	015	060	50	013	098	5005	30	144	5048	26	192	5000	11	297	5080		415	174	
07	011	045	52	010	095	5001	42	140	5019	34	188	5049	20	292	5100		409	188	
08	006	034	48	006	091	5007	44	137	5029	35	184	5047	34	288	5110	21	406	159	16
09	002	035	49	002	087	005	42	133	5011	34	181	5030	26	286	5068		404	160	
10	994	028	47	504	081	015	46	127	006	30	176	5019	20	280	5090	06	399	152	06
11	990	011	26	508	077	5047	20	121	5035	17	168	5128	13	269	5183		383	223	07
12	000	026	24	001	085	5046	21	130	5095	28	176	5124	16	283	5193	07	396	286	03
13	997	059	58	502	083	004	44	129	5010	42	177	5035	33	281	5196	20	399	163	
14	994	017	44	504	080	006	45	126	5016	40	174	5023	41	279	5078	31	397	160	12
15	983	060	60	513	073	035	55	119	5001	46	168	5028	36	273	5085	21	391	165	10
16	989	019	40	509	075	5068	20	119	5106	13	165	5130	08	266	5212	04	377	294	03
17	008	011	25	007	090	5080	19	134	5111	17	181	5124	16	282	5161		397	230	
18	015	041	37	013	097	5050	25	141	5022	20	190	5025		295	5079		413	151	07
19	016	050	55	013	098	5019	33	144	5040	33	190	5074	22	294	5117	18	411	175	07
20	028	032	34	023	107	5062	23	151	5099	20	198	5095	17	301	5125		418	199	
21	029	050	52	024	109	5022	35	154	008	36	203	5015		308	5086		425	150	
22	022	037	45	019	103	5032	31	148	5061	26	196	5046	15	300	5112	06	416	185	
23	007	068	45	006	092	004	36	138	022	17	187	004		292	5067		411	150	
24	013	050	54	011	097	010	46	142	5015	41	191	5025	38	295	5089	19	413	161	06
25	007	042	41	006	091	5043	29	136	5025	18	184	5041	10	289	5052		408	130	
26	012	036	49	011	096	025	18	142	5005	13	190	5037	08	294	5105	06	411	180	
27	997	032	39	507	082	5043	22	127	5083	19	174	5104	13	275	5178	09	390	206	06
28	014	019	31	012	095	5071	21	140	5089	18	187	5078	17	290	5125	17	405	188	12
30	995	031	44	503	081	5028	34	127	5038	50	174	5033	36	279	5097	22	398	118	22
30	005	011	26	005	089	5075	20	132	5112	17	179	5081		282	5113		399	163	13

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	511	305		666	435		853	588	113	486	302	491	568	494	714	510		
02	534	294	05	690	414	02	877	586	131	567	315	539	578	524	715	532		
03	528	323	02	683	416		873	533	132	541	318	533	581	517	725	530		
04	557	272	02	714	384	02	905	551	153	683	331	593	588	548	725	525		
05	557	268		714	388		905	552	155	671	332	580	591	543	729	534		
06	548	278		705	403		895	560	147	623	329	561						
07	542	301		696	436		884	585	134	601	315	576	573	562	715	544		
08	540	262	08	698	369	03	890	545	142	629	327	594	577	558	720	551	904	557
09	539	240	07	699	323	04	894	505	148	633	326	569	583	580	724	588		
10	533	263		690	401		880	573	131	585	313	566	569	593				
11	514	332	03	667	446		857	511	123	513	309	532	569	560	711	557		
12	527	307	02	681	439		869	525	131	535	316	534	576	549	714	562		
13	534	251	07	693	376	02	884	549	131	681	308	598	562	593				
14	532	260	06	690	376	02	882	525	133	610	313	577	568	590	708	584		
15	525	281	04	681	407	01	871	539	127	583	309	551						
16	505	379	02	656	479		842	524	108	471	297	506	561	522	703	546		
17	528	306		684	406		873	543	133	529	320	515	581	547	723	538		
18	548	260		705	388		896	549	149	619	331	529	591	537	734	532		
19	546	257		704	376	01	896	538	149	590	331	556	590	550	733	542	919	520
20	551	287	02	706	414													
21	561	253	04	719	386		909	563	155	718	330	645	582	571				
22	550	270		707	405		897	554	146	683	322	609	578	578				
23	546	254	06	704	366		897	519	155	530	342	506	606	500	752	495		
24	548	262	03	705	397	01	895	554	143	665	322	578	580	561	721	582		
25	544	254		701	386		891	552	141	616	322	593	576	578	717	578	893	593
26	544	290		700	420		887	577	139	621	319	576	572	592	712	595		
27	521	319		676	407		866	536	123	569	306	569	562	571				
28	540	284	05	696	415	02	884	585	128	687	301	677	546	660				
30	535	214	11	695	346	04	889	531	137	744	308	655						
30	535	233	06	694	364	03	886	537	135	667	311	653	555	657	689	676	861	694

Results of Radiosonde Observations,
MACQUARIE – Jul., 1960

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	989	016	26	508	076	5047	23	121	5084	19	167	5121	16	269	5134		385	223	
02	977	053	54	518	067	5011	43	113	5019	38	161	5047	32	265	5106	22	382	192	10
03	983	037	32	513	072	5035	23	117	5074	20	164	5100	09	265	5170		379	265	
05	970	003	39	523	061	5025	34	106	5053	29	153	5085	23	256	5152	14	370	245	06
05	982	042	44	515	071	5004	37	116	5044	31	164	5076	24	258	5109	16	384	198	05
06	006	004	17	005	088	5075	11	133	5120	11	181	5144	05	283	5119	09	400	170	01
07	012	051	49	010	095	5013	34	141	5024	32	189	5037	27	293	5071		412	144	
09	014	047	53	012	097	024	51	143	5008	42	191	5042	35	296	5094	10	415	165	10
09	017	047	49	014	100	000	31	146	021	24	195	5005	18	299	5103	18	418	135	08
10	009	055	56	008	093	007	40	139	5018	40	187	5049	33	291	5129	20	407	204	07
11	022	028	31	018	102	5064	17	146	5073		193	5095		295	5177	03	408	266	04
12	023	048	48	019	104	5014	38	149	5039	33	197	5057	30	301	5121	19	417	186	12
13	017	044	43	014	098	5043	28	144	5013	08	192	5036		296	5099		413	175	
14	001	055	52	001	086	012	42	132	5020	37	181	5001	35	286	5074		405	129	27
15	985	047	47	511	074	5005	34	120	5030	27	167	5062	24	271	5104	12	388	183	04
16	995	5004	18	501	082	5072	13	126	5115	14	172	5157	12	269	5187	11	383	245	
17	008	031	32	007	091	5040	25	136	5028		184	5057		287	5143		402	214	
18	011	026	37	009	094	5044	27	139	5068	24	186	5076	12	289	5131		405	226	
19	980	073	62	516	070	014	47	116	5011	41	164	5038	36	269	5078	24	387	166	09
20	986	056	43	511	075	5021	29	120	5059	25	167	5095	21	269	5101	14	387	185	
21	987	061	59	510	076	020	49	122	5015	40	170	5045	34	274	5121	21	391	187	11
22	988	023	25	509	075	5048	20	120	5090	18	166	5131	16	267	5210	07	381	205	05
23	984	018	43	513	072	5035	30	117	5066	24	164	5097	19	266	5175	10	379	269	04
24	004	5011	32	004	087	5073	22	131	5102	16	178	5140	13	277	5224	05	389	316	02
25	017	028	41	014	098	5040	32	144	5045	32	191	5079	25	294	5121	15	411	169	07
26	020	013	39	016	102	025	17	147	5017	14	196	5025		300	5096		417	185	
27	003	056	56	004	090	029	50	136	004	44	184	5023	37	289	5104	21	406	184	10
28	988	056	58	509	077	028	52	124	005	46	173	5011	39	278	5079	19	396	160	
29	990	024	44	507	077	5028	33	123	5029	31	171	5051	16	274	5122	20	391	186	11
30	999	021	29	500	084	5066	20	128	5095	17	176	5050		290	5091	07	398	146	
31	010	019	36	008	092	5050	27	137	5013	13	186	5020		291	5085	15	408	163	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	516	331		668	458		856	553	113	557	296	563	553	576	693	609		
02	515	291	05	671	402		861	557	112	629	291	573	547	585				
03	509	323	04	663	422		853	562	106	558	290	534	547	563				
05	517	305	02	673	403		863	559	119	551	304	536	563	560	705	567		
05	500	358	02	651	502		836	562	098	506	286	498						
06	534	263	02	692	386		882	562	134	579	317	540	578	521	722	543		
07	547	233	06	706	373	02	898	529	147	592								
09	554	243	05	713	370	02	905	537	154	704								
09	549	251	05	707	380	02	898	549	146	710	321	639	571	608	710	614		
10	539	313	04	693	443		881	560	134	613								
11	538	314		692	430		880	588	132	582	314	571	570	563	711	569		
12	552	251	07	709	400	02	900	527	149	696	323	640	573	636				
13	547	279	02	705	369	02	899	495	152	710								
14	541	225		701	328	02	896	506	149	709	320	652						
15	522	276	03	679	372	02	871	546	122	597	304	572	560	583				
16	514	327		667	445		854	563	113	552	297	545	556	547				
17	534	308		688	433		876	579	123	665	301	597						
18	535	340		688	458		873	610	121	645	298	612	551	597	690	599		
19	522	243	03	681	366	01	872	547	124	631	302	613	552	533	684	643		
20	520	292		675	413		864	572	118	574	300	560	557	585	696	620		
21	524	268	06	682	378	02	873	544	123	650	301	597	554	606	692	619		
22	513	313	02	668	423		858	534	118	539	302	528	561	579				
23	508	353	02	661	443													
24	515	388	01	666	470		852	556	109	545	294	541	555	532	698	537		
25	545	264	03	705	396		891	575	137	704	313	616	565	602	705	587		
26	551	291		707	399	01	896	560	147	641	325	600	581	549	724	545	907	578
27	540	267	05	696	413	01	888	520	143	582	325	566	583	552	715	558		
28	531	252		688	398		879	541	137	529	323	530	584	529	729	525		
29	524	285	05	680	414	02	868	574	126	509	314	493	529	505	725	511		
30	533	261		690	405		879	579	132	574	316	513	581	500	726	517		
31	543	264	02	700	390		891	550	141	604	323	541	583	557	725	555		

Results of Radiosonde Observations,
MACQUARIE – Aug., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	dg/kg
01	006	026	39	005	090	5014	35	136	5041	31	183	5069	26	286	5118	17	403	193	06
02	995	027	44	503	081	5029	27	126	5069	22	173	5077	11	276	5152	09	391	225	03
03	990	5001	22	507	076	5078	15	120	5120	14	166	5153	13	266	5172	05	382	242	
04	014	017	30	012	096	5024	13	141	5044	10	188	5065	12	292	5100		409	190	04
05	016	028	40	013	097	5054	24	142	5037	17	190	5060	10	293	5118		410	190	
06	015	018	42	013	097	5045	28	142	5035	20	190	5058		293	5114		410	185	
07	003	005	36	003	087	5058	24	131	5088	21	178	5105	19	280	5150	14	395	226	08
08	010	000	24	008	091	5082	18	135	5128	15	182	5120	11	283	5172		398	212	
09	014	5004	23	011	094	5083	11	139	5083		186	5097		287	5161	05	402	231	
10	008	060	50	008	093	5004	38	138	5025	35	187	5038	31	291	5092	15	409	162	11
11	999	017	40	500	084	5047	28	129	5074	23	176	5108	18	279	5127	12	394	213	03
12	005	054	56	005	090	5010	39	136	5040	31	183	5063	22	287	5129	10	403	198	
13	005	054	48	005	090	5015	33	136	5022	33	184	5029	10	298	5105	12	405	191	04
14	998	054	50	501	084	5018	33	129	5057	27	177	5034		281	5103		398	190	
15	006	032	38	006	090	5047	28	135	5040	22	182	5064	07	285	5141		400	210	
16	015	053	50	013	098	5019	37	143	5046	32	191	5064	23	294	5106	06	411	178	09
17	016	050	51	014	099	009	45	145	5014	39	193	5033	34	298	5106	20	415	193	08
18	021	054	55	018	103	001	41	148	5036	34	197	5027	32	301	5110	19	418	189	10
19	015	037	45	013	097	5035	30	142	5042	29	190	5056	22	293	5123	06	409	223	03
20	016	037	42	014	098	5027	32	144	5019	12	191	5048		295	5100		412	172	06
21	004	048	53	004	089	006	45	135	5003	21	183	5030	13	287	5081	08	405	164	
22	000	051	46	001	086	5021	32	131	5048	29	179	5056	20	282	5136	09	397	222	07
23	017	038	41	014	098	5040	25	143	5054	25	190	5088	10	292	5140		408	202	
24	003	055	53	003	088	5015	34	133	5033	30	181	5047	14	285	5114		401	191	
25	013	021	29	011	095	5072	18	139	5109	15	185	5142	12	287	5128		403	184	
26	020	039	37	016	100	5048	27	146	5010	34	194	5014		300	5075		418	168	
27	015	048	44	013	098	5025	34	143	5050	30	190	5050	30	295	5090	22	413	155	05
28	017	039	46	014	099	5029	33	144	5033	33	191	5038	28	296	5108	15	412	186	07
29	998	056	57	501	084	5004	41	130	5023	34	178	5060	24	282	5117	10	398	170	
30	008	025	42	007	091	5040	30	137	5064	27	184	5096	22	286	5114		403	200	
31	999	037	31	001	086	5007	38	131	5033	33	179	5055	29	283	5123	19	399	192	10

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹
01	535	304	05	690	424		878	571	133	577	315	552	574	556	716	558		
02	522	331	03	675	452		862	555	150	564	303	558	561	572	701	592		
03	513	290		668	418		859	523	117	569	299	579	554	602	692	639		
04	543	260		700	389		891	557	138	716	311	654	557	662	693	682		
05	543	281		698	429		885	580	134	642	311	637	558	657	693	687	865	687
06	543	294		698	419		886	580	136	644	312	619	562	634	698	655		
07	526	327	03	679	425		868	539	126	573	308	575	562	612				
08	529	317		683	448		869	507	123	571	306	559	563	582	702	626		
09	533	319		687	443		873	598	120	637	298	607	550	612	688	642		
10	546	214	10	707	330	04	904	462	166	590	345	590	603	561	746	550		
11	526	306		682	400		873	547	121	715	294	667	541	635				
12	536	290		691	419		880	571	127	698	301	646	552	625	689	636		
13	538	290	03	694	413		882	588	125	714	300	633	549	629	686	624		
14	531	287		687	416		875	590	121	652	299	595	552	600	691	614		
15	533	304		688	413		876	571	130	571	313	573	569	574	710	584	891	587
16	545	276		702	412		890	576	139	638	318	588	571	613	710	597	890	603
17	548	290	05	704	403	02	893	557	141	673	316	636	565	644	702	615	879	640
18	551	293	04	707	417		895	565	144	667	319	629	570	616	708	602		
19	540	337	01	694	427		882	580	133	625	310	624	563	590	702	609		
20	547	278		702	419		890	588	137	649	316	583						
21	539	296		696	375		888	529	139	663	318	587	573	575				
22	529	301		684	404		874	554	127	594	308	577	564	581	704	579		
23	540	304		695	432		881	612	125	663	300	634	548	649				
24	535	285	02	691	412		878	601	125	585	305	601	561	549	703	578		
25	537	290	03	693	395	01	884	541	139	552	323	545	583	559	725	554	907	565
26	552	279		708	411		897	561	148	562	328	549	587	552	730	551		
27	548	250	03	706	373	01	899	516	153	684	327	613	581	580	721	584		
28	546	263		703	385		894	550	146	636	324	621	575	612	714	606		
29	532	283		689	399		878	563	132	564	315	562	573	552				
30	535	298		691	418		880	551	131	629	312	563	569	577				
31	532	292	05	688	418		876	580	128	596	308	593	564	564	705	567	888	565

Results of Radiosonde Observations,
MACQUARIE – Sep., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg
01	010	018	29	009	092	5020	20	138	010		187	016		293	5040		413	113	
02	002	004	34	002	087	5001	41	133	5015	39	181	5039	34	285	5103	23	402	183	12
03	994	029	46	505	080	5044	29	125	5065	23	172	5092	18	274	5142	12	390	195	12
04	988	051	56	509	076	5016	38	122	5048	31	169	5067	29	272	5129	17	388	207	09
05	984	014	39	512	072	5059	25	116	5086	19	163	5129	13	263	5194	10	376	278	05
06	934	037	45	521	064	5024	31	109	5052	27	156	5090	22	259	5155	14	373	241	07
07	970	014	32	524	060	5044	24	105	5083	18	152	5119	15	254	5145	15	369	220	09
08	985	5015	28	509	074	5069	17	118	5110	13	164	5146	10	264	5229	04	375	321	01
09	004	033	42	004	087	5056	27	132	5087	21	179	5090	07	282	5141		303	215	
10	999	018	43	001	085	5033	33	130	5054	29	177	5074	27	281	5125	19	397	204	10
11	014	036	32	012	096	5059	23	139	5097	19	185	5090	11	299	5111		406	177	04
12	015	044	40	013	098	5030	32	143	5040	32	191	5068	26	294	5106	21	411	168	14
13	008	049	48	007	092	5027	29	137	5065	24	184	5070	11	288	5102		405	163	
14	007	012	26	006	089	5075	20	133	5106	19	180	5142	14	280	5202	07	395	196	03
15	004	5008	30	004	087	5088	19	131	5111	18	177	5143	14	279	5160	10	393	245	06
16	006	029	43	005	089	5049	30	134	5056	29	181	5089	23	284	5126	13	401	180	
17	998	034	45	501	084	5028	35	129	5050	30	177	5078	26	279	5138	17	395	215	09
18	006	043	39	005	090	5044	27	135	5045	10	183	5058	24	286	5135	15	402	200	05
19	006	041	35	005	090	5053	26	134	5034	08	182	5060	13	285	5126	06	402	160	
20	999	041	32	000	084	5043	22	129	5081	18	176	5100	10	279	5142		393	203	
21	008	038	37	007	091	5043	20	136	5086	17	183	5100	17	285	5170	07	399	230	
22	022	033	32	018	102	5068	23	146	5103	19	193	5058		296	5143	08	411	217	04
23	021	055	52	018	104	5008	34	149	5021	34	197	5040	35	302	5078		421	141	
24	017	067	47	014	100	013	38	146	035		195	023	11	301	5042		421	112	
25	014	063	53	012	098	055	44	145	035	34	193	5002	32	300	5036		420	107	
26	006	044	52	006	091	006	41	137	5016	38	185	5028	39	290	5083	29	408	142	09
27	019	040	24	016	100	5063	20	144	5087	12	191	5085		293	5139		409	222	
28	007	051	42	007	091	5022	32	137	5050	27	185	5015		290	5094		407	180	12
29	999	067	60	500	086	010	43	132	5009	35	180	5031	32	285	5084	21	403	148	16
30	999	062	56	501	085	022	48	131	5010	40	180	5035	35	284	5096	22	401	172	11

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹
01	551	200																
02	535	280	05	692	409		681	557	136	577	319	544						
03	522	323	04	677	422		664	581	119	564	303	557	563	530	706	550		
04	521	294	05	676	410		665	565	116	588	299	562	558	523	702	532	889	519
05	505	338	03	658	467		844	545	104	519	290	527	554	491	701	490	889	510
06	504	301	05	660	395	02	851	531	109	542	296	517	561	495	707	511		
07	501	309	05	658	387	02	848	569	108	473	298	476	567	453	716	457		
08	501	408		650	489		838	496	106	468	297	461	569	461	718	455		
09	529	315	04	684	422		872	567	122	634	301	573	561	523	706	497	895	479
10	529	311	04	683	441		870	581	119	641	298	576	555	532	700	485	891	440
11	541	250	03	698	391	01	889	550	141	607	320	550	578	504	721	504		
12	546	255	08	703	383	03	896	528	146	682	322	616						
13	540	259	04	697	377	02	889	538	138	697	314	618	567	580	708	559	893	529
14	528	294	02	683	416		872	569	128	558	311	569	569	550	711	558	895	539
15	523	346	02	675	451		863	556	123	535	308	546	569	517				
16	534	292		689	407		878	561	131	564	315	544	575	541	717	554	900	561
17	526	320	04	680	438		868	559	125	539	309	546	568	578	709	572	891	564
18	535	306	03	690	426	01	878	562	133	561	316	554	575	540	718	555	902	559
19	537	248	05	695	367		887	537	140	659	319	567	575	565	718	544		
20	526	304		681	406		871	543	128	554								
21	530	305		685	415		873	558	126	573	310	538	571	496	719	457		
22	543	319		697	433		844	586	134	635	313	586	574	511	719	502		
23	556	247		714	385		905	553	151	711	324	652	573	592	715	551		
24	558	212		720	314		916	503	168	716	340	618	595	563	737	521	925	479
25	558	188		721	319		917	490	170	661	350	577	608	559	751	527		
26	544	230	04	704	358	02	895	522	155	532	340	535	599	525	743	544	927	517
27	540	314		694	427		882	542	141	534	327	525	588	533				
28	541	285	03	697	399	02	888	547	143	571	326	547	587	517	732	522	919	511
29	539	245	08	697	375	03	889	556	141	560	325	533	589	511	734	510		
30	536	274	04	692	404		882	519	145	487	334	493	600	507	746	491	935	484

Results of Radiosonde Observations,
MACQUARIE – Oct., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	dg/kg
01	012	040	35	010	095	5044	21	140	5071		187	5099		289	5130		406	163	05
02	017	061	52	014	100	002	40	145	5030	34	193	004	10	299	5046	18	419	125	06
03	011	062	55	010	096	025	53	141	010	44	190	5011	30	295	5082	18	414	144	15
04	002	062	54	002	088	021	45	134	005	39	183	5008	32	288	5075	16	407	137	10
05	000	005	37	001	085	008	35	130	5018		178	5048	13	282	5097		400	158	
06	994	050	55	505	082	030	25	126	5002	16	177	5023	36	281	5093	24	399	140	
07	999	056	54	501	085	5010	38	131	5040	31	178	5070	25	291	5099		399	168	
08	989	067	62	509	078	032	54	124	008	48	173	5016	43	275	5074	31	397	147	18
09	000	022	35	001	085	5004	37	131	5023	35	179	5044	32	283	5097	22	401	163	10
10	981	062	52	516	070	014	35	116	5027	21	164	5054	13	267	5134	11	383	207	10
11	993	024	37	505	079	5056	26	124	5078	24	171	5075	16	274	5132	06	390	227	03
12	013	017	29	011	094	5084	18	139	5055		187	5047		291	5099		408	164	04
13	000	064	60	001	086	015	44	132	5021	36	180	5047	31	285	5088	08	402	182	04
14	005	059	52	005	090	5021	30	135	5025	31	186	5053	22	287	5109	15	405	153	
15	007	062	55	006	092	5008	38	137	5030	34	185	5060	28	289	5110	10	407	161	12
16	998	069	60	509	078	111	74	125	090	54	175	048	50	283	5030	39	403	100	26
17	000	030	40	001	085	5045	26	130	5062	21	178	5065		281	5121		397	214	
18	989	056	52	509	077	5017	34	123	5046	10	170	5074	25	273	5126	14	390	174	12
19	991	027	34	508	077	5058	23	122	5098	17	169	5134	13	269	5194	03	382	286	04
20	000	016	31	000	084	5059	23	129	5080	23	176	5114	18	277	5196	09	390	280	05
21	010	059	54	009	094	007	42	140	5030	34	188	5027	28	293	5076	08	411	126	14
22	007	051	54	006	092	015	47	138	5004	44	187	5009	45	292	5070	31	411	157	15
23	005	050	53	005	090	014	45	135	5005	45	184	5010	40	289	5076	22	407	146	
24	012	061	59	010	096	037	50	142	034	49	191	004	39	293	5048	27	417	114	16
25	007	062	44	006	093	065	25	140	066	23	189	052	20	297	5010	20	418	100	12
27	995	064	57	505	081	020	46	127	5067	39	175	5033	33	279	5084	09	397	184	
27	004	066	43	004	089	5029	28	134	5060	23	181	5091	09	285	5061		404	155	
28	012	038	29	011	095	5064	19	140	5021		188	5017	10	292	5100		410	159	12
29	007	061	52	006	091	5008	36	137	053		187	019		293	5055		412	117	
30	987	062	60	510	076	040	57	122	027	53	171	012	51	278	5052	33	398	098	
31	997	018	30	501	082	5058	24	127	5090	21	174	5056	23	278	5101	13	396	174	05

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS	80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹
01	541	256	03	699	372	01	892	524	151	525	337	526	599	521	743	526	931	485
02	555	245	05	714	378	02	907	497	163	596	345	554	605	532				
03	549	241	08	708	370	03	901	523	149	652	330	597	584	585				
04	542	234		702	357	02	895	520	149	564	332	541	591	545	735	524		
05	535	263		692	379		884	536	143	506	329	518	591	494	739	471	929	469
06	535	237		694	358		886	547	145	529	332	493	597	498	744	488		
07	533	272		689	407		879	546	141	495	330	491	597	485	743	467		
09	532	255	07	689	387	02	880	547	141	488	330	492	596	492	743	486		
09	535	273	05	691	408		880	572	140	497	329	479	596	482	744	458	935	467
10	515	315	04	688	457		859	496	127	463	317	483	584	481	731	479		
11	521	328	02	674	454		861	567	117	565	302	507	569	472	716	475		
12	543	260	07	701	370	02	892	550	142	648	318	605	576	512	722	497		
13	536	278	04	693	402		883	547	137	573	319	587	573	591	714	552		
14	539	260	04	698	348		892	513	148	579	330	567	587	599	726	580	908	570
15	542	254	05	700	384	02	891	545	148	533	332	547	590	568	732	576		
16	542	193	12	704	314	05	902	473	159	575	343	553	601	567	743	547	926	552
17	529	289		687	362		882	464	153	473	342	507	607	507				
18	524	277	06	681	379	01												
19	511	345	02	663	471		851	497	120	453	313	427	587	454	736	458		
20	519	335	03	674	388													
21	547	248	07	707	335	02	903	489	155	658								
22	547	232	05	706	355	03	900	522	155	557	339	553	597	560	740	531	926	516
23	543	247		702	344	02	896	506	154	543	339	532	601	519	745	511		
24	555	204	07	716	338		910	524	164	612	346	546	606	503	751	507		
25	557	189	05	719	299		918	454	176	661	354	570	614	519	785	519		
27	539	265		697	358		891	470	162	445	353	484	621	473	769	464	959	474
27	550	291	04	686	388		880	456	153	422	345	442	615	453	764	462		
28	544	253	07	703	378	03	895	522	156	497	346	481	613	477	761	473	951	475
29	549	201	05	711	305	06	909	477	165	573	351	512	614	487	759	476	951	450
30	535	200	11	697	321		894	480	157	459	347	493						
31	530	272		687	387		879	505	147	439	340	428	612	437	761	434		

Results of Radiosonde Observations,
MACQUARIE – Nov., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10-1	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	-°C × 10⁻¹	dg/kg
01	004	011	27	004	087	5072	20	132	5009	13	181	5026	16	285	5084	09	403	167	05
02	005	030	40	004	088	5003	42	134	5028	35	183	5033	33	288	5069	15	407	132	07
03	000	054	40	001	085	5026	29	131	5022	31	179	5037	28	283	5097	21	401	173	13
04	995	048	32	504	081	5033	26	126	5061	09	173	5089	07	275	5166	04	389	257	
05	991	044	40	507	078	5035	29	123	5070	20	170	5090	19	272	5165	12	386	261	04
06	979	044	54	517	069	002	42	115	5021	39	163	5040	33	267	5106	20	384	189	10
07	983	022	35	513	071	5046	25	116	5075	23	163	5106	20	265	5181	11	379	236	06
08	986	036	34	511	074	5042	26	119	5075	24	166	5112	20	268	5154	13	383	227	07
10	987	052	36	509	075	5031	23	120	5067	16	167	5102	14	269	5139		385	194	07
10	992	051	30	506	079	5033	23	124	5067	13	171	5103	10	274	5113		390	192	
11	993	042	28	505	080	5049	21	124	5085	17	171	5125	15	272	5163	04	387	209	
12	988	061	60	509	077	011	46	123	5014	41	171	5045	34	275	5098	23	392	174	14
13	984	020	37	513	072	5033	30	117	5055	50	165	5074	26	268	5122	11	385	180	07
14	012	025	28	010	094	5056	25	138	5094	20	185	5080	21	289	5090	12	407	159	05
15	021	037	32	018	102	5055	24	147	5067	22	195	5007		300	5052	10	419	134	
16	020	063	52	017	101	5010	38	147	5025	35	195	5026	17	300	5070	10	419	144	13
17	005	066	54	005	091	020	30	136	5025	31	185	015		291	5025		411	107	07
18	993	048	54	505	081	056	63	128	029	55	177	016	53	283	5054	33	403	111	08
19	998	072	57	501	085	014	42	131	5027	32	179	5041	24	283	5113	08	399	197	04
20	018	046	34	015	000	5008	34	146	5001	24	194	5024	20	299	5066		419	105	
21	003	077	61	001	087	077	60	134	077	13	184	065	40	292	5006	25	414	059	
22	991	074	66	507	079	030	53	125	5004	44	173	5034	37	278	5096	16	396	176	05
23	003	066	50	003	088	5012	24	133	5048	21	181	5068	12	284	5140	05	399	232	02
24	004	023	42	004	088	5010	38	134	5036	33	181	5066	26	285	5142	11	401	211	07
25	997	055	46	502	083	5004	38	129	5006	19	177	5034	13	281	5118		397	189	
26	994	066	51	505	081	5003	37	127	5035	32	174	5058	29	278	5115	17	394	193	09
27	997	049	38	502	083	5024	31	128	5053	25	175	5091	21	279	5109	06	395	192	
28	981	075	51	516	074	016	41	116	5015	36	164	5040	30	269	5105	21	387	172	
29	992	031	38	506	079	5032	30	124	5056	24	171	5098	20	273	5160	12	388	230	08
30	008	038	30	007	091	5052	22	136	5089	18	193	5094	18	285	5152	08	400	226	04

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS	80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	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	gpDm	-°C.×10⁻¹
01	537	280	03	695	372		888	509	153	463	346	453	618	445			
02	543	225	05	702	346	02	896	520	158	478	348	470	616	460	765	445	
03	535	269	06	691	404		881	483	153	446	345	458	616	456	765	447	
04	521	294	02	677	420		870	454	143	411	337	442	609	447	785	435	
05	516	336	01	669	456		858	480	127	459	322	407					
06	517	284	05	673	389	02	867	483	136	435	330	424					
07	510	328	02	663	445		853	490	123	443	316	418	590	427	738	421	936	428
08	513	343	03	666	463		856	469	127	443	319	443	591	444	741	418		
10	518	300	05	612	413	02	864	517	126	504	314	487	585	438	735	409		
10	523	281	02	679	410		870	504	136	485	325	487	594	453	743	435		
11	519	287	03	676	389		867	534	125	534	311	513	579	438	729	421		
12	527	255	08	686	338	04	882	472	140	596	323	535	587	486	735	435		
13	519	258		678	335	02	875	504	138	462	329	472	599	464				
14	542	241		701	377		893	523	153	503	341	502	607	490	753	488		
15	556	229		715	350		910	509	165	549	349	538	611	510	757	474		
16	554	244	08	714	354	03	907	493	167	570	350	549	611	525	755	524		
17	549	195		711	301	05	909	473	154	575	347	540	606	526	750	519	938	510
18	540	214		702	328		898	491	160	514	348	497	612	507	757	499		
19	532	298	05	686	428		879	450	153	411	346	464	614	487	760	488		
20	557	195		719	320		915	496	171	572	354	570	616	503				
21	554	154		719	254	09	921	424	180	657	358	566	617	534	761	523	949	489
22	530	224		692	316		892	432	157	501	345	498						
23	531	294		687	380		881	441	157	416	348	474	614	486	760	498		
24	533	285	02	689	394		881	481	153	433	345	466	613	482	760	488		
25	530	298		685	429		872	579	135	457	327	455	597	464	745	476		
26	527	281	06	684	399	02	873	565										
27	529	273	02	656	386		877	531	137	513	323	515	589	453	738	447		
28	520	280		676	403		868	476	137	458	327	482	595	468	744	456		
29	519	322	04	673	433		861	523	131	440	323	449	593	457	741	460		
30	532	311	02	686	424		874	544	139	474	329	484	595	495				

Results of Radiosonde Observations,
MACQUARIE – Dec., 1960

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	009	044	45	008	092	5037	32	137	5039	31	185	5032	20	291	5070	06	409	131	08
02	013	080	53	011	097	003	34	145	5042	27	193	5069	24	297	5084	09	415	158	05
03	012	067	57	010	095	5010	38	141	5020	37	189	5044	33	293	5101	25	412	145	17
04	014	066	53	012	097	012	43	143	010	48	192	000	42	298	5035	30	419	113	16
05	014	068	54	012	097	028	42	144	014	38	192	5012	13	298	5037	12	418	114	08
06	090	061	58	008	094	022	48	134	000	43	188	5016	41	294	5073	27	413	140	16
07	012	046	34	010	095	5028	25	140	5052	13	188	5078	08	291	5127	05	406	205	
08	017	061	42	015	100	5019	25	145	5059	13	192	5074		295	5145	08	411	202	05
09	018	069	40	016	101	5020	28	147	015	10	195	5018		301	5061		419	136	10
10	000	082	63	001	087	050	60	134	088	69	185	122	54	285	029	32	417	078	27
11	997	072	43	502	083	5021	30	129	5064	26	177	5043	10	280	5095	08	398	156	
12	003	039	42	003	088	5009	40	133	5015	36	182	5035	31	286	5095	22	404	156	12
13	997	053	43	502	083	5025	30	125	5058	26	176	5070	19	279	5142	11	394	223	04
14	985	042	47	512	073	5009	37	119	5039	31	166	5062	26	270	5118	19	387	192	10
15	978	044	47	517	069	5011	35	110	5027	32	162	5062	26	265	5140	15	380	215	09
16	995	028	37	504	081	5015	32	123	006	21	176	5008		281	5047	10	401	132	08
17	997	062	54	502	084	014	46	130	016	46	179	5007	43	284	5052	36	404	123	07
18	012	049	31	010	095	5045	22	139	5086	22	186	5094	10	288	5157	04	403	238	
19	004	050	52	004	090	005	41	136	040	52	185	013	42	291	5064	29	410	130	20
20	989	068	47	509	077	5012	39	122	5046	26	170	5051	18	273	5140	10	388	234	05
21	963	040	43	528	057	006	36	103	5034	29	151	5065	27	254	5138	17	370	189	10
22	984	039	36	512	073	5020	29	118	5051	21	165	5085	17	268	5156	10	382	257	04
24	982	032	39	514	071	5025	31	116	5051	28	163	5085	23	265	5160	10	379	248	06
24	998	047	41	501	084	5022	28	129	5052	19	177	5078	12	280	5125	05	396	181	05
25	992	063	51	506	080	000	34	125	5034	28	173	5043	18	277	5097	10	394	174	03
26	994	062	60	504	081	039	56	128	020	54	177	5005	44	282	5078	23	401	129	
27	991	047	42	507	079	5011	35	124	5037	29	172	5072	21	275	5140	11	387	235	07
28	013	047	28	110	096	5041	26	141	5049	21	188	5066	14	292	5071	07	412	107	
29	997	054	51	502	083	072		130	054		180	048		287	5005		405	054	
30	006	037	36	005	090	5045	26	135	5069	23	182	5062	18	286	5112	07	402	210	04
31	011	052	43	009	094	5024	34	139	5055	29	187	5061	26	291	5079	13	410	143	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	545	248	06	704	361	03	897	513	154	543	339	523	606	451				
02	550	258	02															
03	547	246	07	706	359	03	899	526	158	554	342	555	604	495	742	494	939	484
04	556	210	04	717	339	02	911	526	165	569	349	557	609	506	755	502	944	486
05	556	193		717	330	03	913	474	172	616	354	560	612	552				
06	550	208	16	711	313	05	909	461	167	637	347	571						
07	540	262		697	387		890	506	153	507	340	528	602	507	746	496		
08	531	281		687	412		875	556	135	518								
09	556	230	07	716	339	02	911	498	165	657	344	545	605	523	750	507	938	497
10	557	172	15	720	299	06	918	469	174	684	345	630	602	542	746	519		
11	533	251		694	327		910	462										
12	538	267	04	695	404	01	886	530	152	481	341	485	606	486	753	497	942	487
13	525	303		681	405		872	522										
14	519	300	05	675	420	01	865	494	133	466	323	482						
15	512	318	03	667	393	01	863	423	138	413	332	448						
16	540	192	10	702	330	04	897	498	160	468	351	503	612	525	756	516	944	498
17	540	216	09	701	310	05	898	481	166	442	357	496	622	508	767	510	955	486
18	535	270		694	359		888	500										
19	548	170	17	711	303	06	909	469	167	634	349	555	610	515	754	519	947	505
20	519	327	02															
21	503	306	03	661	319		862	355	145	368	342	438	609	439	755	473	945	484
22	512	335		667	410		859	481	130	438	323	428	595	466	774	475		
24	530	262	06	688	387	02	878	544	137	521	325	496	591	472	739	448		
24	509	353	03	662	439		853	471	123	443	315	459	586	453	734	468	925	473
25	529	275	03	685	399		876	492	143	488	333	486						
26	537	227		697	373		889	513	153	491	341	495	605	510	751	503	939	485
27	520	328	04	676	410	01	869	439	143	418	356	445	606	480	753	492		
28	550	178	07	714	276		914	441										
29	549	161		714	264	07	915	428	177	579	361	544	619	571	761	539		
30	535	270		693	367		890	429	160	449	353	473	620	493	767	503		
31	546	232	04	706	350		900	508	161	531	347	506	611	499	758	498	946	489

Results of Radiosonde Observations,
MAWSON – JAN., 1960

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																			
03																			
04																			
05	989	5008	24	508	077	5025		121	5073	14	168	5119	12	269	5182	10	383	235	06
06																			
07																			
08	989	5019	16	508	076	5047	14	121	5081	13	168	5119	10	269	5175	06	383	224	04
09																			
10																			
11																			
12	982	5001	22	513	071	5047	14	116	5088	13	163	5115	10	264	5163	07	379	243	07
13																			
14																			
15																			
16																			
17																			
18																			
19	978	5036	20	516	067	5071	14	111	5112	13	158	5147	12	257	5231	07	369	268	03
20																			
21																			
22	993	5046	16	504	079	5081	11	123	5119	09	169	5155	08	268	5223	04	381	253	
23																			
24																			
25																			
26	995	5043	16	502	081	5070	14	125	5100	10	172	5130	08	273	5163	05	388	200	09
27																			
28																			
29	004	025	26	005	088	5061	19	133	5083	18	180	5092	20	283	5098	23	401	138	19
30																			
31																			

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C.×10⁻¹
01																		
03																		
04																		
05	514	324	03	669	401		861	492	128	475	319	449	591	452	740	437	934	428
06																		
07																		
08	515	298	03	670	404		861	538	121	480	311	469	581	454	730	447		
09																		
10																		
11																		
12	511	311	03	667	400	01	858	529	123	453	316	434	589	439	739	433	933	426
13																		
14																		
15																		
16																		
17																		
18																		
19	499	340	01	652	441		840	538	106	456	299	426	574	415	725	411		
20																		
20																		
21																		
22	512	315		667	406		858	532	119	485	309	467	581	432	731	429	925	430
24																		
25																		
26	521	291	05	677	384	02	868	535	138	429	331	447	602	448	752	441	944	438
27																		
27																		
29	538	217	11	699	325	05	895	471	155	591	339	511	603	480	750	483	941	456
30																		
31																		

Results of Radiosonde Observations,
MAWSON – Feb., 1960

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
01	989	5014	12	508	046	5012		122	5050		169	5094		272	5109		389	167	06
08	992	5057	09	505	078	5088	12	122	5129	10	158	5169	10	268	5177	04	383	208	
17	985	5039	18	505	081	5077	11	126	5114	11	172	5139	11	273	5187	09	386	272	05
22	982	5068	06	505	083	5114	08	127	5135	05	173	5145	04	273	5214	03	385	262	
24	982	5099	13	512	069	5119	12	113	5146	12	159	5167	11	258	5240	06	370	269	05
25	992	5139	12	505	076	5140	04	119	5127	05	165	5154	06	265	5215	06	377	215	06
29	975	5090	11	518	063	5107	11	107	5142	10	153	5179	09	252	5204	07	365	263	04

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	524	259	07	683	369	03	876	525	131	533	321	475	590	456	739	448	931	441
08	517	262		676	327		873	478	134	512	324	469	593	456	742	444		
17	515	334	03	669	428													
22	515	332		669	425		859	528	128	432	322	454	594	438	743	453	935	460
24	500	335	03	654	430		843	544	106	455	299	440	571	435	722	430	916	432
25	507	325	01	662	414		853	521	114	511	302	483	571	464	719	461	911	451
29	495	324		649	430		838	533	105	446	298	457	568	453				

Results of Radiosonde Observations, MAWSON — Mar., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg
01																			
02																			
03	970	5109	06	522	059	5138	04	102	5168	04	148	5186	05	246	5234	02	358	279	
04	974	5102	09	519	062	5149	07	105	5177	08	150	5208	07	248	5209		361	268	
05	985	5108		510	070	5152		113	5136		159	5148	09	260	5184	10	373	276	05
06																			
07																			
09	975	5119	07	518	064	5178	08	106	5178	08	151	5219	07	250	5212		362	272	
09	986	5110	08	510	071	5145	07	114	5188	06	159	5187	09	258	5213	09	370	295	04
10	979	5149	04	514	065	5164	06	109	5178	07	154	5159	10	254	5208	07	366	285	04
11	975	5116	07	518	063	5151	08	106	5165	07	155	5146	05	251	5214	05	363	300	03
12	981	5138	05	513	066	5180	04	109	5196	03	154	5189	03	254	5186		368	225	08
13	969	5108	06	522	058	5149		101	5185		146	5215		245	5192	08	358	267	05
14	966	5135	08	525	056	5124	04	099	5162		145	5151		245	5186		358	268	
15																			
15	983	5195	03	511	068	5189		110	5220		155	5162		255	5218	03	367	310	02
17																			
18	991	5131	06	505	074	5194	04	116	5209	05	162	5164	11	262	5216	08	374	304	04
19	997	5140	04	501	078	5208		120	5204		166	5176	07	265	5231	06	376	311	04
20	996	5156	04	501	078	5193	04	120	5228	06	165	5189	03	267	5215		380	254	
21																			
22	974	5120	11	518	062	5160	10	105	5191	07	150	5212	06	248	5258	03	358	309	02
23	982	5117	05	513	068	5159	04	111	5177		156	5171		255	5193		369	265	
25	994	5090	08	503	078	5120	04	122	5129		171	5133		272	5187		384	265	02
25	000	5052	12	002	084	5104	06	128	5095	05	175	5097		277	5140	11	393	210	02
26	990	5073	10	506	076	5070	06	121	5064		168	5107		269	5156	05	384	217	07
27																			
29	979	5166	08	516	064	5207	06	106	5240	05	150	5271	04	247	5235	06	358	298	04
29																			
30	976	5123	13	517	063	5150	10	106	5190	08	150	5211	07	249	5273	05	359	309	04

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹
01																		
02																		
03	488	330		641	445		829	568	096	446	288	453	558	463	707	458		
04	491	334		645	434		834	539	099	457	291	458	560	465	708	470	899	464
05	502	374	02	652	471		840	509	107	467	298	463	568	463	715	473	906	472
06																		
07																		
09	493	377	02	647	435		834	566	100	450	292	454	561	475	708	478		
09	498	361	03	649	467		835	549	101	469	292	467	561	465				
10	494	385	02	645	472		831	544	099	458	290	463	558	482	705	494		
11	491	381	02	642	472		828	554	094	458	286	465	554	475	701	482	891	490
12	500	308	02	655	409		845	547	104	512	292	513	556	514				
13	488	334	03	641	451		829	531	096	460	287	491	553	484	700	488		
14	487	357		638	490		823	560	090	455	281	480	548	496	695	497		
15																		
16	494	402	01	643	488		828	556	094	471	284	475	552	487	698	497		
17																		
18	501	389	02	651	488		835	608	095	495	284	496	550	489	696	501		
19	503	404	02	652	505		836	587	102	479	292	487	558	504				
20	511	327	03	665	425		854	545	115	497	304	492	567	524	711	525		
21																		
22	486	384	01	636	482		822	501										
23	499	316	03	654	408	02	844	526	106	500	293	522	555	446	701	524		
25	526	283	05	682	402	02	872	555	127	561	313	518	573	549	715	556		
25	514	333	02	668	429		857	512	119	531	306	524	570	521	712	563		
26	516	313	04	670	429		859	559	119	497	308	500	572	497	717	523		
27																		
29	487	351	03	640	450		828	470	100	439	293	450	561	495	708	495		
29																		
30	487	374	02	638	475		826	477	097	449	289	457	557	484	704	496	890	540

Results of Radiosonde Observations,
MAWSON – Apr., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg
01	982	5143	06	512	068	5153	04	111	5192	04	156	5220	04	254	5233	06	365	298	03
01	990	5152	10	506	073	5180	07	116	5220	05	160	5231	05	259	5226	07	371	257	06
02	001	5124	05	000	078	5181	05	123	5213	05	168	5193	03	268	5190	09	381	270	05
03	997	5142	04	501	079	5198	02	121	5213	01	166	5166	02	266	5207	02	379	265	06
05	995	5200	02	502	076	5232	02	118	5260	02	161	5284	01	258	5246	02	369	300	03
05	997	5136	04	500	079	5185	05	121	5222	05	166	5185	08	266	5194		379	235	03
06	996	5183	03	501	076	5241	02	118	5274	02	161	5298	02	259	5238		370	298	
07																			
08																			
10	985	5118	10	510	070	5171	08	112	5204	07	157	5153	07	258	5195	04	371	250	06
10	984	5109	14	510	070	5150	11	113	5181	09	159	5186	09	257	5232	06	369	279	05
11																			
12																			
13	984	5181	09	510	070	5141	11	113	5181	08	158	5161	09	258	5202	07	371	274	04
14	981	5108	09	513	068	5151	05	111	5195	06	156	5236	05	252	5276	05	363	294	02
15	993	5179	05	504	075	5205	03	117	5230	03	161	5256	03	259	5251	02	369	321	02
17	990	5182	04	506	073	5219	03	114	5250	03	158	5270	03	256	5246	03	367	300	
17	000	5156	05	001	080	5200	03	122	5234	03	166	5264	03	265	5227	02	376	288	
18	986	5213	03	509	069	5236	03	111	5259	03	155	5281	03	252	5242	03	363	300	02
18	986	5219	03	509	069	5216	03	112	5241	02	156	5238	03	253	5241	02	365	283	
20	989	5208	03	507	072	5197	04	114	5229	03	158	5266	03	256	5225		368	290	02
21	991	3208	04	505	074	5205	04	115	5235	04	160	5275	04	257	5251	02	367	317	01
22	993	5213	04	504	074	5218	03	116	5259	03	160	5275	03	257	5245	02	368	317	
23																			
24																			
26	999	5222	02	000	077	5264	02	119	5291	01	163	5218	05	260	5269	04	370	303	03
26	998	5215	03	000	077	5250	02	119	5245	03	163	5200	07	262	5205	09	375	233	08
27	991	5149	05	505	074	5191	03	116	5225	03	161	5202	06	260	5220	08	374	219	04
28	994	5158	09	503	077	5154	09	102	5192	07	165	5215	06	264	5171	09	379	225	06
29																			
30	987	5096	08	509	073	5130	04	116	5162	03	161	5200		261	5192	03	374	254	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	502	299	05	657	422	02	847	544	110	474	300	479	567	511	712	519	897	552
01	493	374	01	645	428		838	467	106	467	296	489						
02	511	305	04	667	389	02	859	535	118	511	305	505	569	520	713	545	897	560
03	508	345	03	661	436		852	512	116	515	303	519	564	549	706	559	889	566
05	510	305	02	665	424		855	519	117	497	305	513	567	528	710	548		
05	498	356		650	455		838	540	103	478	294	475	560	504	704	533		
06	498	379	01	649	465		839	489	104	518	291	503	554	536	697	544		
07																		
08																		
10	502	320	04	656	424	01	843	600	101	529	287	539	547	557				
10	498	361	03	649	472		836	526	099	516	285	534	545	540	688	552		
11																		
12																		
13	499	361	02	651	464		837	580	096	537	282	525	546	534	688	534		
14	491	380	01	641	488		826	586	086	524	272	529	533	540	676	547		
15	495	410	01	644	505		829	561	090	529	275	541	535	550	677	563	860	564
17	505	365		657	451		845	567	102	556	285	548	543	571	685	567		
17	495	378	01	646	466		832	581	087	545	270	559	528	570				
18	491	383	01	642	477		828	554	087	527								
19	493	371		644	476		829	597	085	542								
20	496	379	01	646	496		830	595	088	529	273	534	534	537	677	566	859	573
21	494	410	01	642	519		825	582	087	512	274	514	537	511	682	522		
22	495	405	01	644	510		827	570	092	478	281	495	545	528				
23																		
24																		
26	508	295	05	663	418	02	852	563	105	598	285	587	538	613	676	632		
26	499	337	03	654	413	02	844	547	098	572	280	572	535	595	674	600		
27	505	312	02	660	430		848	560	104	560	286	577	541	595	680	608		
28	510	319	03	664	440		852	575	107	553	291	559						
29																		
30	505	331	04	658	435		844	603	097	556	281	551	537	589	677	595		

Results of Radiosonde Observations,
MAWSON – May., 1960

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	983	5107	08	512	069	5130	04	112	5170	03	157	5198	03	256	5192		370	265	
02	994	5180	04	503	076	5187	03	119	5195	03	164	5199		263	5193		376	272	
03	002	5189	03	003	082	5200	02	124	5230	02	168	5259	02	267	5220	04	380	259	03
04	003	5194	03	004	082	5222	03	124	5221	03	169	5185		268	5205	03	381	259	02
06	981	5095	10	513	068	5128	09	111	5164	09	156	5185	09	256	5207	08	369	264	05
06	999	5225		001	078	5238		120	5245		164	5217		263	5204		377	245	
07																			
08	990	5100	07	507	074	5141	05	117	5179	05	163	5175	09	252	5226	05	373	316	02
09	999	5178	07	000	079	5216	06	121	5237	05	165	5236	05	263	5241	06	374	325	03
10	010	5201	02	009	087	5230		128	5267	01	173	5100	06	271	5254	04	382	326	03
11	995	5239	03	502	075	5241	02	117	5247	02	161	5270		257	5307		366	313	
13	983	5224	03	512	065	5240	02	107	5258	02	151	5295	01	245	5300	02	353	367	
13	996	5175	04	502	077	5205	03	119	5219	03	164	5216	03	261	5294	02	370	315	01
14	008	5160	03	008	088	5141	04	132	5140	04	179	5135	04	279	5150		395	262	08
15	003	5163	07	004	083	5170	05	126	5189	05	171	5168	07	272	5166	05	387	225	
16	985	5081		502	071	5111		115	5149		160	5174		261	5155		376	232	
17	978	5180	04	515	064	5162		107	5180		152	5204		250	5273		360	310	
18																			
19	997	5256	02	501	076	5277	02	117	5269	02	161	5298	01	255	5300	01	365	301	
20	999	5183	05	001	081	5152	04	123	5174	03	169	5200	03	268	5191		382	255	
21	993	5192	04	504	075	5155	04	118	5180	04	163	5149	04	264	5180		378	225	
22	979	5157	06	515	065	5165	05	108	5194	04	153	5199	03	251	5218	03	364	259	03
23	989	5239	03	511	070	5213	03	112	5234	02	157	5270	02	252	5265	02	363	309	
24	993	5238	02	506	073	5275	02	114	5305	02	157	5326	02	250	5340	02	358	351	01
25	990	5194	03	506	072	5220	03	114	5258	03	158	5292	02	252	5328	02	360	365	02
26																			
27	990	5191	03	506	073	5210	03	115	5248	03	159	5269	03	255	5297	03	364	332	01
29	981	5176	04	513	065	5200	04	108	5233	04	152	5254	04	248	5272	05	358	346	03
29	984	5215	03	510	068	5197	02	110	5240	02	171	5256	02	251	5272	02	361	325	
30	982	5210	03	512	067	5205	03	109	5234	03	153	5244	04	249	5309	02	358	341	02
31	984	5200	03	510	067	5231	02	109	5269	02	152	5309	02	248	5253	03	359	309	

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	gpDm	−°C. ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C.×10⁻¹
01	499	355	01	651	467		837	590	087	600	267	599	520	599	660	599		
02	505	361	01	657	474		841	617	094	572	276	576	531	590	671	602	850	606
03	510	330	03	663	451		850	573	100	615	281	586	536	584	675	610		
04	511	334	01	665	440		852	573	103	619	283	586	537	600	676	620	853	632
06	508	332		662	410		851	558	103	586	285	562	541	593	680	613	858	636
06	498	364	02	649	472		835	565	089	564	272	570	528	600	667	623	843	656
07																		
08	500	420	01	647	549		828	624	080	585	259	616	508	651	644	676		
09	500	423	01	647	516		832	579	085	596	263	624	512	649	647	684		
10	510	344	03	663	446		850	575	101	600	281	589	534	621	671	641		
11	493	401		642	514		826	570	108	570	266	574	522	583	661	609		
13	497	387		650	437		840	514	098	568	281	555	537	636	672	642		
13	478	433		627	465		811	545	073	535	258	568	509	587	649	589		
14	529	267	02	685	408	01	875	563	121	696	296	621	547	625	684	630		
15	519	293		675	425		862	586	114	617	294	595	548	599	686	619		
16	509	293		664	411		853	574										
17	488	378		639	452		825	563	082	542	266	550	523	603	661	635		
18																		
19	493	352		647	409		840	500	101	564	282	565	543	548	683	629	859	652
20	514	244	03	673	361	01	866	523	117	695	294	624	544	636				
21	510	325		663	425		853	543	107	600	287	600	539	628	675	645		
22	494	342	01	647	458		835	546	092	554	273	586	527	607	666	613		
23	491	362		643	450		831	552	086	562	267	618	521	626				
24	484	387		635	473		821	560	079	562	261	599	511	645	647	665		
25	486	424		633	505		818	562	076	569	257	590	508	650				
26																		
27																		
29	483	415		631	529		815	579	072	555	254	593	506	632	642	656	815	689
29	488	397		637	503		821	596	076	572	257	596	508	650	644	658		
30	484	417	01	632	518		814	600	069	585	249	612	499	638				
31	487	364		638	482		821	627	070	618	248	618	497	649				

Results of Radiosonde Observations,
MAWSON – Jun., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg
01	991	5231	02	505	072	5269	01	112	5307	01	156	5306	01	252	5249	02	363	304	02
02	984	5289	01	510	065	5316	01	106	5316	01	149	5282	01	246	5252		357	314	
03																			
04	982	5243	02	512	065	5253	02	107	5268	02	150	5304	02	246	5283		356	315	
05																			
06	984	5142	07	511	069	5165	06	112	5205	05	156	5241	05	253	5270	05	364	327	03
07	987	5202	05	508	070	5202	05	112	5213	05	157	5251	04	253	5288	03	362	360	01
09	980	5263	02	513	063	5270	02	104	5282	01	147	5299	02	244	5280	02	354	353	
09	980	5230	03	513	065	5220	03	106	5250	02	150	5280	02	256	5276	02	365	358	01
10	999	5250	02	001	077	5284	01	118	5316	02	161	5320	02	257	5264	01	367	310	
11	997	5249	02	502	076	5262	01	117	5276	01	160	5301	01	257	5255	02	367	332	02
12	990	5239	03	506	072	5201	02	114	5201		159	5225		256	5270		366	344	
13	993	5243	02	505	073	5257	02	114	5278	01	158	5216	02	256	5236	02	368	281	04
15	988	5225	02	508	070	5237	02	112	5257		156	5276		252	5255	02	363	300	
15	992	5255	02	504	073	5240	02	114	5256	02	158	5275	01	256	5235		368	284	02
17	980	5209	03	514	065	5217	02	106	5250		150	5274		247	5260		358	322	
17																			
18																			
19	999	5120	08	000	081	5173	07	123	5208	07	168	5240	05	265	5247	05	376	319	03
20	996	5130	09	506	078	5175	07	121	5194	07	166	5205	07	263	5267	05	374	315	02
21	990	5210	03	506	072	5207	02	114	5242	02	159	5195		257	5263	03	368	300	
22	006	5250	02	006	082	5265	02	123	5278	01	167	5282	01	264	5253		375	310	
23	009	5257	02	009	084	5298	02	125	5317	02	168	5272	03	265	5278		374	331	
24	005	5228	03	005	082	5266	03	123	5292	03	167	5257	05	264	5279	04	373	358	02
25	996	5224	04	504	076	5260	03	117	5284	03	160	5291	03	255	5340	02	362	380	01
26	992	5265	03	505	072	5269	02	113	5310	01	155	5345	01	250	5296	01	358	386	01
27	996	5284	01	501	075	5293	01	115	5328	01	158	5365	01	252	5300	01	391	359	01
28	973	5242		519	059	5224		100	5254		144	5251		241	5235		353	306	
29	969	5283	03	522	055	5223	03	097	5234	02	142	5188	03	241	5226		352	285	
30	990	5241	02	505	072	5251	02	113	5276	02	158	5207	05	255	5275	04	365	339	02

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹
01	491	385		640	505		822	644	071	615	249	625	498	655	633	675		
02	484	414		633	515		814	632	064	619	242	632	489	676				
03																		
04	483	404		633	496		817	580	070	619	247	634	492	694				
05																		
06	490	420	01	638	517		819	644	064	663	238	688	478	729				
07	486	449		627	514		809	622	057	643	233	667	474	732				
09	478	449		624	548		805	622	054	630	231	648	475	712	606	744		
09	490	420		637	541		818	642	065	640	240	675	482	720				
10	495	388		644	493		828	619	077	626	254	640	500	685	633	702		
11	491	429		640	521		822	594	077	574	257	594	508	650	643	673		
12	492	389	01	643	477		828	598	079	598	259	600	511	617	649	632		
13	496	375	02	647	474		832	600	084	571	267	553	524	581	664	590		
15	497	376	01	647	482		830	644	077	641	255	600	506	651	641	665		
15	491	394	01	640	495		822	645	063	698	236	702	475	725				
17	484	396		633	519		814	641	056	709	227	723	463	748				
17																		
18																		
19	496	391	02	653	485		838	594	083	695	256	679	498	726				
20	501	364		653	461		839	610	081	704	252	685	492	732				
21	496	361		647	474		831	622	074	709	247	690	487	732				
22	503	378		653	496		835	637	078	727	248	685	488	734				
23	500	415		648	524		829	651	071	724	240	724						
24	497	434		644	544		825	632	065	700	241	710	479	760				
25	486	460		631	543		813	600	061	673	233	719	467	800				
26	481	477		625	546		807	612	056	666	229	707	465	756				
27	485	445		631	539		812	612	060	664	233	700	470	750				
28	480	387		630	483		814	614	063	629	240	656	484	687	617	712		
29	481	375		632	455		818	572	070	580	252	603	503	644	639	658		
30	490	419		637	540		817	633	065	638	242	644	489	664	623	696		

Results of Radiosonde Observations,
MAWSON — Jul., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	dg/kg
01	997	5206	03	501	077	5209	02	120	5186	03	165	5206	02	262	5280	03	371	356	02
02	993	5292	02	505	073	5219	03	115	5183		161	5209		258	5279		369	310	01
03	990	5233	03	505	072	5205	05	115	5172	09	160	5172	11	259	5239	06	371	305	04
04	972	5171	08	520	059	5191	06	101	5223	06	146	5259	05	243	5203	09	356	293	04
05	986	5242	03	509	068	5241	04	110	5261	04	154	5255	04	250	5285	03	359	337	02
06	997	5219	03	501	077	5199	02	119	5213		164	5193	05	263	5211	07	376	260	06
07	989	5206	05	507	071	5225	05	112	5256	04	156	5281	04	252	5245	06	363	309	03
08	989	5272	02	506	071	5210	03	113	5222	02	158	5231		255	5253	04	366	302	03
09	982	5215	04	512	066	5191	02	109	5232	02	153	5247		249	5296		359	327	
10	987	5283	02	508	069	5245	02	111	5280	02	154	5319	01	248	5331		355	385	
11	991	5296	02	505	071	5266	02	112	5288	01	155	5318	01	250	5327	01	353	354	
12																			
13																			
14																			
15	979	5188	05	514	064	5213	04	106	5245	03	150	5275	03	246	5290	03	355	348	02
16	990	5219	03	506	072	5208	04	114	5239	04	158	5249	05	254	5288	03	363	349	02
17	994	5232	03	503	075	5224	03	117	5250	03	161	5262	03	257	5307	03	366	355	01
18	005	5210	03	005	082	5234	02	124	5207	02	169	5194		268	5225	03	379	287	04
19	000	5185	07	002	080	5212	06	122	5230	05	167	5167	11	267	5199	09	380	259	06
20	989	5188	06	507	072	5218	05	113	5248	05	158	5218	07	255	5247	06	367	305	04
21	989	5222	03	506	071	5246	03	112	5281	02	156	5307	02	252	5306	03	361	320	01
22	990	5239	02	505	071	5254	02	112	5285	02	156	5313	02	252	5260	02	362	346	01
23	997	5246	01	502	076	5284	01	117	5321	01	160	5332	01	256	5266		366	326	
24	978	5307	01	514	061	5296	01	102	5310	01	145	5283	01	241	5269		351	340	
25	991	5260	01	506	071	5300	01	112	5304	01	155	5307	01	251	5255		361	319	01
26																			
27	970	5149	07	521	059	5142	05	101	5175	04	147	5213	04	243	5297	03	354	305	03
28																			
29	963	5117	09	528	053	5133	08	097	5174	06	142	5206	07	239	5288	04	349	321	03
30	987	5153	06	508	071	5185	05	114	5214	05	158	5251	05	255	5290	04	364	350	02
31																			

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹
01	496	466		640	586		817	645	065	645	240	653	485	694				
02	495	412		643	540		822	682	069	648	244	674	486	709				
03	497	411		645	526		828	616	075	661	248	704	488	715				
04	483	405		632	515		814	599	063	657	236	703	476	737				
05	485	429		631	560		811	624	057	689	228	714	464	768				
06	506	348	03	658	457		844	616	085	752	252	745						
07	490	404	02	639	515		821	615	071	631	247	664	489	729				
08	493	401	01	642	515		826	602	076	638	251	677	492	734				
10	480	418		629	478		814	604	062	604	239	671	478	737	609	720		
10	486	379		636	500		820	601	070	610	247	676						
11	483	413		632	500		814	640	059	671	231	725						
12																		
13																		
14																		
15	480	433		627	545		808	628	056	667	229	685						
16	489	431		636	538		817	625	065	665	237	711						
17	492	422		639	518		822	606	071	653	245	695	483	744				
18	508	368	02	659	468		843	623	085	749	252	744	486	791				
19	510	336	03	663	442		849	592	091	785	255	759	488	801				
20	493	407	02	643	496		826	624	070	707	241	730						
21	487	390		637	501		820	624	064	720	234	731	468	783				
22	487	445		634	529		815	621	063	670	236	703	475	740				
23	496	405		645	495		828	625	075	667	249	680	490	727				
25	489	390	01	638	485		821	623	068	638	244	651	489	695				
25	476	427		624	524		807	602	057	649	231	688	471	715				
26																		
27	481	380	02	633	482		816	636	057	727	226	733						
28																		
29	476	413		623	529		803	655	046	707	215	736						
30	489	431		635	542		815	660	055	732	222	762						
31																		

Results of Radiosonde Observations,
MAWSON – Aug., 1960

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																			
03	971	5169	05	520	059	5165	04	102	5203	03	146	5244	08	243	5248	03	355	310	03
04	969	5192	05	522	057	5188	04	099	5220	04	144	5252	04	240	5263	04	351	332	02
04	976	5182	05	518	061	5182	06	104	5212	05	148	5222	05	246	5262	05	357	317	03
05	990	5186	04	506	072	5225	04	114	5255	04	158	5280	04	253	5309	03	362	362	02
06	986	5221	03	508	069	5266	02	110	5292	02	153	5326	02	247	5324	03	355	369	02
07	987	5228	02	509	069	5265	02	110	5294	02	153	5310	02	247	5329	02	355	310	02
09	990	5250	03	506	071	5252	02	112	5264	02	156	5253	03	252	5292	02	361	362	01
09	988	5200	05	507	071	5209	05	113	5213	05	158	5228	05	254	5284	02	363	351	01
10	000	5132	08	002	082	5171	04	124	5201	04	170	5191	04	268	5256	06	378	325	03
11	001	5100		002	083	5138		126	5178		171	5205		270	5232		381	300	
12	008	5119	04	008	088	5151	04	131	5191	04	176	5227	04	274	5224		386	282	
13	095	5137	06	502	078	5175	03	121	5212	02	165	5232	03	263	5240		375	272	
14																			
15	999	5207	02	001	079	5227	02	121	5243	02	165	5265		262	5229		374	296	03
16	981	5200	03	513	066	5207		108	5240		152	5275		248	5232		360	282	
17	981	5204	03	513	065	5218	02	107	5250	02	151	5291	01	248	5257		359	307	
19	992	5262	02	504	072	5283	02	113	5307	02	156	5310	02	251	5303	02	360	327	
19	992	5238	02	504	073	5254	03	114	5294	03	158	5300	03	254	5275	03	363	333	01
20	992	5283	02	505	071	5270		113	5227		157	5218	03	255	5271	03	364	334	02
21																			
22																			
23																			
24	977	5122	07	517	064	5142	04	107	5180	04	152	5218	03	250	5235	06	362	296	03
26	978	5210	04	515	063	5210	02	105	5250	02	149	5249	02	246	5250		357	328	
27	980	5252	02	513	064	5266	01	105	5309	01	147	5344	01	241	5255	02	352	296	
27	987	5267	02	508	069	5270	01	109	5306	01	152	5338	01	246	5278	01	356	328	
28	989	5241	03	507	070	5245	02	112	5288	01	155	5324	01	249	5286	02	358	340	
29	988	5211	03	507	070	5235		112	5298	01	156	5298	01	252	5235		364	295	
30	984	5203	05	511	069	5185	03	111	5220	04	156	5245	04	253	5248	03	364	304	02
31																			

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹
01																		
03	482	382		632	489		816	615	058	736	226	740						
03	476	428		625	497		808	617	054	692	224	736						
04	483	434		629	544		807	673	049	717	218	738						
05	486	444		632	542		812	642	056	709	224	755						
06	480	438		626	541		806	651	049	704	218	751						
07	480	448		626	552		806	624	052	688	222	724	460	743				
08	485	443		632	535		814	620	061	675	233	702						
09	488	444		634	535		816	616	064	661	238	670	481	697				
10	504	410		653	526		834	628	080	692	251	719						
11	511	308		665	435		853	585	096	748	261	752						
12	517	287		673	428		861	578	105	765	272	733	510	757				
13	504	347		657	460		842	599	083	789	248	787						
14																		
15	502	385	01	652	495		836	604	077	775								
16	488	274		640	449		826	606	068	782	230	804						
17	487	390	01	636	503		818	630	059	764								
18	490	410	01	638	505		821	621	064	738								
19	487	411		634	520		816	623	060	723	228	764	459	810				
20	490	417		639	520		819	675	056	765	221	776						
21																		
22																		
23																		
24	489	402	01	637	533		817	656	057	766								
26	483	415	01	631	517		813	634	053	740	220	780						
27	480	393		628	522		809	645	051	742	218	759						
27	482	414		630	528		812	631	055	711	224	748						
28	485	389		635	505		817	645	057	752	223	776						
29	492	385		642	495		824	652	061	788	224	829						
30	492	381	02	642	498		825	636	064	765								
31																		

Results of Radiosonde Observations,
MAWSON – Sept., 1956

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	dg/kg
01																			
02	975	5124	09	518	063	5137	09	106	5176	08	151	5211	07	249	5264	05	359	329	05
03																			
04																			
05	965	5171	05	525	054	5164	07	097	5194	06	142	5189	06	241	5244	02	351	307	
06	965	5211	04	525	054	5163	03	096	5194	04	141	5210	03	240	5251	02	350	312	01
07	972	5257	03	519	058	5237	02	100	5220	03	145	5195	03	243	5248	02	354	313	02
08	986	5233	03	510	069	5200		111	5212		156	5241		253	5242	02	364	288	02
09																			
10	982	5150	05	512	067	5197	04	109	5230	03	153	5263	03	250	5263	04	361	296	04
11	981	5236	03	513	065	5229	03	106	5270	03	150	5229	02	247	5277		357	337	
12	975	5186	05	514	064	5203	02	106	5244	02	150	5280	01	245	5298	02	355	313	
13	985	5236	04	510	067	5263	01	108	5285		151	5253		249	5252		357	302	01
15	974	5182	05	518	061	5155	03	103	5208		148	5231		246	5247		357	295	
15	981	5172	06	513	065	5185		108	5215		153	5246		251	5237		363	286	
16	965	5224	04	525	053	5205	02	095	5224	02	139	5229		237	5245	03	348	317	01
17	970	5203	04	521	057	5226	03	099	5260	03	143	5286	02	238	5273	02	348	335	01
18																			
19	975	5224	04	517	061	5222	02	102	5261	02	146	5298	02	242	5281	03	351	326	02
20	981	5241	03	513	065	5241	02	106	5283	02	150	5260	03	246	5294	03	356	322	01
21	987	5239	03	508	069	5249	03	110	5279	03	154	5283	03	250	5249	02	361	314	
22	994	5227	04	503	075	5243	02	116	5276	02	159	5310	02	255	5258	02	365	341	01
23	987	5242	03	508	070	5237	02	111	5261	02	155	5292	02	251	5275		360	352	
24	965	5233	04	524	053	5225	01	095	5265	02	138	5289	02	234	5279	02	344	330	
25																			
26										0									
27	982	5193	06	512	066	5225	04	108	5261	04	152	5265	04	248	5277	04	358	318	03
28	977	5200	05	516	063	5209	02	105	5238	02	149	5254	02	246	5261	02	357	298	02
29	984	5152	07	511	070	5153	04	112	5180	04	158	5206	04	257	5219	03	369	288	02
30	983	5186	05	512	067	5179	03	110	5187	03	155	5191		254	5232		365	316	01

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹
01																		
02	486	380	02	637	471		821	602	065	748	231	767						
03																		
04																		
05	479	391	01	628	515		809	645	049	754	214	775						
06	477	414	01	625	530		805	658	043	779	208	774						
07	481	403	01	630	485		814	601	058	738	225	775						
08	492	375	01	643	492		826	621	066	787	230	787	461	787				
09																		
10	489	387	02	638	489		821	641	059	799	221	808						
11	483	406		633	482		818	583	065	710	233	769						
12	483	401		632	498		815	521	059	711	229	721	467	743				
13	485	367	02	637	458		822	626	061	756	228	756						
15	485	373		636	478		820	623	062	725	231	735						
15	491	358	01	643	469		828	625	068	769								
16	475	408	01	623	500		807	613	052	686	223	721	459	778				
17	474	418		622	507		806	605	051	713	219	749	452	779				
18																		
19	478	417		625	530		805	658	043	746	210	769						
20	482	417		630	525		810	668	048	773	213	782						
21	488	402		636	532		816	660	055	752								
22	490	423		638	530		818	668	056	760	223	768						
23	485	450		631	556		810	656	052	725	220	762						
24	469	424		617	521		800	600	048	675	220	691	459	748				
25																		
26																		
27	485	405	02	633	514		815	632	058	707	227	739						
28	484	396	01	633	502		815	642	059	703	228	731	465	756	594	756		
29	497	375		647	484		833	577	083	666	256	698	494	751	624	757		
30	492	377		643	481		828	602	076	694	246	703	487	722	617	716		

Results of Radiosonde Observations,
MAWSON — Oct., 1960

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	989	5181	05	506	073	5192	03	115	5232	03	159	5253	03	257	5241		369	273	
02	994	5168	06	503	077	5171	03	119	5187	03	164	5182	03	264	5188		378	234	05
03	992	5143	08	504	075	5169	04	118	5183	03	163	5205	03	262	5205	07	375	249	06
04	986	5153	07	509	071	5165	03	114	5195	02	159	5210		257	5227	02	368	295	04
05																			
06	989	5216	04	506	071	5243	02	113	5272	02	156	5299	01	252	5261	02	363	315	
08	997	5233	03	501	076	5245	02	118	5278	01	161	5309	01	256	5270	02	367	320	
08	009	5226	03	008	085	5265	02	126	5280	03	170	5251	02	267	5251	02	378	311	01
09	017	5178	05	014	093	5215	03	135	5254	03	179	5195	05	278	5239	05	390	247	04
10	007	5133	08	007	087	5167		129	5194		174	5190		274	5175	08	389	201	10
11	969	5117	15	522	059	5123	13	102	5154	10	147	5185	08	245	5286	04	356	289	04
12	973	5130	08	520	061	5143	05	104	5168	04	149	5214	04	247	5192	04	359	295	02
14	971	5117	10	521	060	5135	06	103	5180	06	148	5190	06	246	5281	04	357	281	03
14	977	5114	09	517	064	5148	07	107	5189	06	152	5220	06	250	5263	05	359	350	02
15	981	5128	09	513	067	5153	07	110	5198	06	155	5222	06	252	5276	04	361	316	03
16	981	5143	07	513	067	5180	06	109	5198	06	154	5230	05	251	5304	05	360	320	03
17	984	5191	05	510	069	5191	04	111	5212	04	156	5252	03	252	5263	03	363	325	02
18	987	5189	05	506	072	5216	03	114	5226	03	159	5239	03	256	5244	02	367	318	01
19	998	5150	09	500	079	5170	08	122	5205	07	166	5240	05	263	5254	05	375	300	04
20	997	5151	09	501	078	5206	06	120	5233	05	165	5233	05	262	5272	04	371	330	03
21	987	5155	07	508	072	5186	04	114	5226	03	158	5262	03	255	5266	04	365	325	03
22	990	5197	05	506	073	5195	03	115	5229	03	159	5255	03	255	5284	04	365	325	03
23	988	5167	07	508	071	5210	04	113	5243	03	157	5270	03	253	5284	03	362	347	02
24	985	5175	07	511	069	5199	03	111	5240	03	155	5275	03	251	5305	03	359	369	01
25	988	5179	06	507	071	5214	03	113	5249	03	157	5278	03	252	5293	02	361	361	01
26	991	5180	05	506	073	5214	03	115	5249	03	159	5254	02	257	5242	02	368	302	
27																			
28																			
29																			
30	959	5038	23	531	052	5079	17	096	5107	14	142	5138	11	242	5194	10	355	269	05
31	978	5035	21	516	067	5049	10	112	5088	10	159	5130	09	259	5206	08	372	278	05

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹
01	498	353		650	458		838	571	087	673	260	692	502	678	636	693		
02	509	323	03	663	439		851	570	097	752	260	777	497	704				
03	506	329	04	659	447		846	588	088	778	253	786						
04	500	372	02	647	491		830	612	074	713	242	730	481	718				
05																		
06	490	395		639	515		821	639	065	692	237	702	479	670	613	652	789	620
08	493	400		642	518		824	628	069	700	241	704	483	678	618	658	793	640
08	505	400	01	655	484		839	605	085	693	256	704	497	690	630	691	803	668
09	521	328	01	673	433		862	564	112	663	286	681	528	709	661	671		
10	523	256	08	681	367	03	873	556	120	712	290	738	525	741	657	751	825	715
11	486	336	03	640	422		828	555	079	653	255	649	502	648	638	634		
12	489	336		643	421		831	575	079	670	252	670	500	644	636	695		
14	486	379	02	637	468		823	586	070	695	241	696	485	664	621	647	798	613
14	486	351	01	639	443		827	562	077	679								
15	488	390	02	638	510		821	604	066	705	237	709	479	660	615	637		
16	487	405	01	636	505		818	626	062	713	232	706	475	679	609	656		
17	489	408	01	638	516		819	638	063	710	233	708	475	691	609	657	783	650
18	493	404		643	488		827	608	073	699	243	709	485	680	619	670		
19	504	361	02	654	484		838	617	080	756	247	737	487	718	619	698		
20	499	381	02	649	474		835	596	077	751	246	722	486	695	620	675	794	657
21	492	397	02	641	496		824	622	068	712	239	712	482	671	617	693		
22	491	414	01	639	507		822	617	070	656	245	670	491	646				
23	487	430		635	514		818	594	069	632	245	635	496	610	635	599	816	550
24	484	438		630	514		813	597	064	639	240	644	491	592	632	557	817	517
25	486	440		633	518		816	607	067	636	243	639	494	595	635	577	818	541
26	496	384		646	479		832	585	079	680	252	667	501	614	640	593	823	525
27																		
28																		
29																		
30	484	364	02	637	455		824	589	070	704	242	680						
31	500	379	02	651	469		835	619	080	708	253	660	501	616	640	590	822	545

Results of Radiosonde Observations,
MAWSON – Nov., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	dg/kg
01	975	5133	07	518	063	5114	07	106	5154	06	152	5153		252	5199		365	282	
02	985	5099	10	511	070	5129	05	114	5165	05	159	5159	06	258	5218	07	370	298	04
03	978	5056	20	516	066	5097	14	110	5133	12	156	5159	11	255	5233	07	366	325	03
04																			
05	977	5067	15	517	065	5066	10	110	5110	08	156	5150	08	255	5219	06	368	285	
06	983	5067	12	512	070	5101	09	114	5123	08	160	5152	07	260	5206	06	373	285	04
07	983	5093	11	512	070	5117	08	114	5126	11	160	5157	07	259	5210	07	371	287	04
08	980	5095	08	514	067	5126	06	111	5170	06	156	5184	05	255	5216	03	368	288	02
09	981	5110	08	513	068	5143	05	111	5170	05	156	5211	04	254	5225	02	366	296	03
10																			
11	970	5066	12	522	060	5081	09	104	5124	09	150	5165	09	249	5220	07	361	281	05
12	977	5056	12	517	066	5095	08	110	5134	07	155	5178	07	254	5248	06	366	271	05
13	986	5050	15	510	073	5095	10	116	5134	10	163	5157	10	262	5238	05	373	295	04
14	981	5109	08	513	068	5118	04	112	5150	04	157	5191	03	256	5208	03	369	278	02
15	984	5094	09	511	070	5136	08	113	5164	08	159	5198	06	257	5237	03	369	291	03
16	980	5081	11	514	067	5124	07	110	5161	07	156	5185	08	254	5264	05	365	315	03
17	993	5045	17	505	078	5101	16	122	5128	14	168	5168	11	266	5245	05	377	335	03
18	987	5104	11	509	073	5120	05	116	5155	04	162	5179	04	260	5244	03	371	329	02
19	965	5122	09	526	055	5126	04	099	5165	04	144	5204	03	241	5234	02	353	297	02
20	975	5106	09	518	063	5140	07	106	5155	07	151	5190	05	250	5234	04	362	287	02
21	992	5072	15	505	077	5104	13	121	5142	10	167	5178	09	265	5249	06	376	309	04
22	987	5097	10	508	073	5120	08	117	5154	06	162	5191	05	261	5219		373	294	
23	979	5095	12	515	066	5122	09	110	5153	06	156	5194	05	253	5281	04	364	300	
24	990	5074	14	506	076	5102	11	119	5142	09	165	5162	08	264	5241	04	374	302	03
25	991	5062	16	506	076	5113	09	120	5148	09	165	5173	09	264	5248	06	375	292	04
26	986	5049	14	510	073	5093	07	117	5128	08	163	5168	08	262	5204	08	374	284	04
27	986	5049	23	510	073	5080	14	117	5114	13	163	5151	12	263	5219	08	375	298	04
28	996	5037	15	502	081	5092	08	125	5134	07	171	5181	07	269	5208	08	382	269	02
29																			
30																			

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	494	364		645	472		830	610	076	686	250	660	499	604	639	576		
02	498	376	00	648	495		832	613	077	637	249	691	500	610				
03	492	403	02	641	516		823	617	072	652	247	644	500	575	642	528	829	502
04	495	398	01	644	521		825	619	075	611	256	564	517	495	664	469	855	448
05																		
06	501	381	01	650	506		835	578	089	589	269	575	531	492	679	446	875	391
07	500	365	02	651	481		836	593	088	603	269	574	532	465				
08	496	376	01	647	474		831	613	080	631	259	592	518	523				
09	494	373	02	645	486		829	590	080	626	258	615	513	555	656	579	844	480
10																		
11	490	369	02	641	480		825	606	076	612	255	596	512	532	656	520	844	473
12	495	356	03	647	474		831	595	085	598	265	593	521	547	665	529	851	505
13	501	367	02	653	465		840	554	093	574	277	537	540	513	684	510	872	513
14	498	346		650	446		837	566	096	548	281	520	546	483	693	472	883	475
15	497	384	02	646	495		830	603	085	564	269	545	534	455	684	430	879	414
16	492	397	02	641	498		826	568	081	585	265	533	532	442	683	411	879	402
17	503	385	02	653	480		838	601	089	610	270	556	533	483	681	437	877	380
18	497	401	01	647	485		831	605	082	596	263	560	527	469	675	451	869	392
19	481	383		632	470		817	568	074	563	258	531	524	459	673	441		
20	490	370	01	642	463		828	575	085	561	269	534	535	448	685	435	879	414
21	503	380	02	654	482		839	573	096	550	282	511	550	435	701	412		
22	501	377		651	478		837	567	095	558	279	544	546	422	698	381		
23	492	386		642	474		828	567	085	554	269	513	540	408	692	380		
24	503	365		654	456		842	572	093	596	275	548	542	428	694	403	892	362
25	504	347		657	455		844	579	095	594	277	529	544	449	694	424	890	391
26	503	337	03	657	445		813	588	093	607	274	529	540	461	689	429	885	394
27	503	370	02	654	451		840	598	092	612	275	556	540	464	689	439		
28	512	334		665	441		853	586	104	576	288	544	554	449	704	438	899	389
29																		
30																		

Results of Radiosonde Observations,
MAWSON – Dec., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10-1	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	-°C ×10⁻¹	dg/kg
01	991	5056	13	506	077	5100	10	121	5136	10	167	5173	08	266	5235	05	376	331	03
02	990	5077	12	506	076	5091	07	120	5126	06	166	5165	05	263	5236	03	376	285	
03	987	5072	12	508	074	5109	06	117	5142	06	163	5182	05	262	5224	03	374	284	
04	989	5071	12	507	075	5105	09	119	5140	07	164	5162	04	264	5210	03	377	252	06
05	983	5048	15	513	070	5093	10	114	5120	10	160	5155	10	260	5205	03	372	280	04
06	994	5041	20	504	079	5087	14	123	5128	10	169	5159	08	268	5211	04	380	290	02
07	981	5037	18	501	069	5082	12	113	5116	11	159	5158	10	259	5212	07	372	266	05
08																			
09																			
10	981	5003	22	513	070	5035	14	115	5078	13	162	5118	12	263	5196	10	376	292	04
11	977	5045	18	517	065	5075	12	110	5114	11	156	5140	11	257	5196	06	370	244	03
12	972	5050	18	521	062	5070	11	108	5111	10	154	5150	10	254	5202	06	367	255	03
13																			
14	973	5018	17	520	063	5056	13	108	5100	13	155	5135	13	255	5204	10	368	259	04
15	973	5020	18	520	064	5057	08	108	5100	10	155	5138	09	254	5220	08	366	287	05
16	965	5067	14	526	057	5075	13	101	5117	11	147	5148	08	247	5217	06	359	285	04
17																			
18	990	011	24	506	077	5070	14	121	5110	13	168	5146	11	267	5227	08	379	275	05
19	981	5025	15	514	070	5033	09	115	5074	08	162	5117	08	262	5200	06	375	263	
20	974	5017	26	520	064	5045	21	109	5081	18	157	5113	16	259	5180	12	373	242	07
21	985	5006	24	511	073	5059	14	117	5101	13	164	5144	12	265	5165	04	379	234	07
22	991	5018	21	506	078	5071	17	122	5101	15	168	5143	12	268	5201	09	382	244	03
23	989	5034	15	507	076	5084	11	120	5120	09	166	5148	08	266	5163		381	216	
24	991	5017	15	506	077	5078	11	121	5108	12	168	5149	09	269	5175		383	222	04
25	995	5011	22	502	081	5070	15	126	5101	15	172	5113	16	273	5204	09	384	219	05
26	989	5023	19	507	076	5069	10	122	5080	12	168	5114	12	269	5151	07	384	193	
27	980	5022	21	514	069	5065	18	113	5101	16	160	5114	13	262	5170	07	376	208	10
28																			
29																			
30	984	5007	18	511	073	5050	09	117	5090	08	164	5125	08	265	5156		378	224	06
31	984	5020	16	511	073	5055	09	117	5092	08	164	5129	07	265	5140		381	216	

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	-°C ×10⁻¹	dg/kg	gpDm	-°C ×10⁻¹	dg/kg	gpDm	-°C ×10⁻¹	gpDm	-°C × 10⁻¹	gpDm	-°C ×10⁻¹	gpDm	-°C ×10⁻¹	gpDm	-°C ×10⁻¹	gpDm	-°C ×10⁻¹
01	503	389	02	653	481		840	547	100	532	287	511	558	417	710	386	908	361
02	505	368		656	461		844	539	106	501								
03	503	345		657	403		846	553	106	527	295	464	570	402	721	409		
04	507	335	04	661	431		849	566	110	488	299	466	572	406	724	425		
05	501	362	02	653	467		839	545	103	452	295	462	565	426	716	407		
06	508	389	01	659	476		847	514	113	471	306	444	578	421	729	406		
07	501	341	03	655	427		845	505	112	455	306	416	580	418	732	409	928	392
08																		
09																		
10	504	353	03	658	398	02	849	503	120	450	313	441	585	443	736	425	931	414
11	502	274		660	351		856	490	119	489	309	460	580	437	730	435	925	412
12	497	324	02	652	408		844	479	114	445	307	433	581	420	733	393	929	386
13																		
14	498	318	02	654	388		847	494	112	473	304	436	578	401	730	404		
15	494	367	02	646	473		834	510	100	456	293	433	567	412	718	405		
16	488	366	02	639	468		827	504	096	422	291	421	568	391	721	387		
17																		
18	509	343	03	662	431		850	557	111	497	301	464	573	428				
19	505	356	01	657	460		844	520	108	485	299	445	573	406	725	411	922	376
20	503	306	05	657	429		846	553	110	476	301	431	574	424	726	402		
21	510	330	04	662	406	02	852	553	114	484	305	448	577	431	728	416	925	399
22	513	316	02	667	435		855	541	120	467	312	432	586	427	736	417	933	395
23	513	309		668	428		856	570	117	470	309	439	583	419	734	412	930	396
24	515	308	03	670	421		859	566										
25	515	300	02	670	415		860	550	121	477	313	453	585	420	736	417	933	403
26	519	252		677	363		871	503	129	524	318	469	589	428	740	411		
27	510	263	07	668	369	03	859	537	121	453	314	443	586	430	738	392	936	368
28																		
29																		
30	511	289	04	666	419		855	566	118	456	311	433	583	422	735	418		
31	513	286	02	670	401	01	860	552	121	466	314	422	589	421	740	404	936	408

Results of Radiosonde Observations,
WILKES – JAN., 1960
Observations 2300 Hours

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg
02	977	5021	22	518	065	5056	07	110	5070		157	5096		259	5147		375	202	05
02	979	5001	27	516	068	5036	26	113	5058	25	161	5095	21	263	5148	14	379	195	11
04	982	020	31	514	071	5032	20	116	5072	18	163	5115	16	264	5166	12	379	210	07
05	975	017	24	519	066	5001	16	111	5037	13	159	5078	11	261	5176	10	374	268	05
06	971	006	29	523	062	5033	17	107	5064	16	154	5098	13	255	5169	12	369	241	07
07	975	016	37	519	065	5030	23	110	5066	22	157	5099	19	259	5158	13	374	227	07
08	980	5001	30	515	069	5049	23	113	5081	19	160	5116	15	261	5190	10	374	258	06
09	973	011	39	521	064	5022	30	109	5051	27	156	5063	27	260	5110	20	377	192	12
09	979	021	31	516	068	5051	19	113	5088	17	159	5121	15	260	5174	09	374	269	04
11	979	021	36	516	069	5028	26	114	5058	23	161	5091	20	264	5097	15	382	163	09
12	982	5003	32	513	070	5053	22	115	5078	21	162	5092	19	263	5132	17	379	192	12
13	983	5011	30	512	071	5070	22	115	5082	22	162	5110	18	264	5147	15	380	208	09
14	985	5008	36	511	073	5053	26	117	5078	22	164	5103	19	266	5165	12	381	220	08
15	981	5005	32	514	069	5069	20	113	5103	17	160	5124	13	261	5173	08	375	225	07
16	977	5011	25	518	066	5081	18	110	5097	15	157	5122	12	258	5143	14	373	211	09
17	980	5016	20	515	068	5063	18	113	5076	08	160	5104	06	261	5173	04	375	241	03
17	981	5013	22	515	069	5059	17	116	5090	17	162	5127	13	263	5190	09	376	246	06
19	977	5005	21	518	066	5061	14	111	5096	13	157	5134	12	257	5204	09	370	264	06
19	986	5022	24	510	073	5081	16	117	5115	14	163	5147	12	263	5204	09	375	290	04
21	990	5011	20	507	076	5082	14	120	5117	13	167	5154	10	267	5207	06	378	302	03
22	984	5018	23	511	072	5079	17	116	5103	16	163	5124	16	263	5192	10	376	288	04
23	976	5006	33	518	067	005	25	112	5021	26	160	5026	17	265	5084		383	186	
23	981	010	25	514	071	025	14	117	5007	12	165	5049	12	268	5152	10	383	242	07
25	990	024	24	507	078	009	20	123	5057	20	170	5078	21	275	5144	16	388	214	09
26	988	017	28	508	076	5030	13	121	5060	13	169	5099	15	271	5121	13	387	168	08
27	989	023	19	508	076	5058	13	121	5089	13	167	5110	08	270	5134	07	386	177	04
28	988	5002	26	508	075	5030	20	121	5071	18	167	5110	16	268	5180	11	382	243	07
29	987	003	25	509	074	5065	14	119	5090	14	165	5110	10	267	5159	07	383	205	07
30	983	5037	17	513	070	5088	13	114	5128	12	160	5170	10	261	5175	04	375	229	
30	979	5011	23	516	067	5050	17	112	5058	07	159	5070	07	263	5124	07	379	199	05
31	979	010	27	516	068	5052	11	113	5093	11	160	5137	10	260	5190	09	375	270	05

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹
02	508	279	05	665	350	03	860	471	128	453	319	454	591	440	742	416	938	402
02	513	258	07	671	388	02	862	528	127	456	320	416	595	413	746	407	943	399
04	511	308	03	665	438		855	501	122	449	317	412	593	402	745	400	941	399
05	502	362	02	655	442		856	481	107	431	302	410	577	396	729	395	926	389
06	502	274	05	658	396	02	851	511	118	433	313	416	589	406	741	392	938	391
07	505	325	03	659	422		849	489	120	422	315	417	591	396	744	396	941	397
08	504	331	03	658	430		848	501	117	444	310	427	584	428	735	405	931	408
09	510	260	07	669	358	03	864	471	127	469	319	437	594	415	746	408	942	380
09	504	327	02	658	438		847	513	117	459	310	422	586	412	738	391	936	386
11	517	242	03	675	365	02	869	492	131	478	323	437	597	417	749	409	945	398
12	513	267	07	670	381	03	863	502	127	470	319	442	593	414	745	406	941	379
13	512	292	05	669	385	01	860	528	125	456	317	441	590	418	742	402	939	383
14	512	300	04	668	405		858	521	126	449	319	427	602	430	752	420	948	397
15	507	294	04	664	390	02	855	522	126	407	322	415	596	420	747	418	944	391
16	506	289	05	662	411		853	473	123	430	318	413	593	416	745	414	940	403
17	507	328	03	662	410		852	535	116	448	310	409	587	393	740	380	937	388
17	507	299	04	662	415		851	519	118	450	312	423	587	388	740	409	936	388
19	504	357	03	656	452		844	549	108	459	301	421	577	397	730	387	928	376
19	500	346	03	652	439		841	537	106	456	299	413	577	393	730	386	928	377
21	507	354		659	454		846	557	111	455	304	416	580	398	733	396	930	384
22	505	338	03	658	444		847	537	114	447	307	424	583	397	736	390	934	379
23	513	333	03	667	424		856	551	119	474	311	442	585	401	738	371	938	355
23	515	307		670	420		861	503	127	482	319	450	595	404	747	395	944	382
25	523	229	09	682	357	03	877	490	133	555	320	459	592	425	743	408	940	390
26	522	260		679	389		871	534	129	536	319	460	592	420	743	414	938	407
27	520	272	04	678	380		870	530	129	496	320	464	592	435	743	409	939	398
28	513	307	04	668	420		858	520	125	461	317	451	588	435	739	418	935	404
29	515	286	03	672	396	01	862	540	125	461	316	453	589	426	741	406	937	399
30	507	313	02	661	424		851	528	119	440	313	423	587	400	740	401	936	404
30	511	294	03	667	406		857	540	113	450	317	440	591	410	743	391	940	395
31	502	338	03	656	433		845	551	115	415	311	410	587	405	739	396	936	399

Results of Radiosonde Observations,
WILKES — Feb., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C ×10-1	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg
01	975	5001	30	519	065	5033	17	110	5048	12	158	5067	09	261	5137	07	377	179	
03	985	011	30	511	074	5032	22	119	5076	19	166	5108	17	267	5158	11	383	189	06
04	982	024	22	514	070	5046	16	115	5082	14	162	5114	13	264	5138	08	380	189	07
05	984	011	26	512	072	5061	18	116	5092	17	163	5125	15	263	5203	08	376	266	06
06	983	002	21	513	071	5048	13	116	5078	10	163	5107	09	264	5176	08	379	211	04
06	989	009	26	508	076	5050	17	121	5079	14	168	5120	13	268	5200	09	382	237	06
08	982	022	33	513	071	5020	23	118	5051	22	165	5082	21	269	5122	15	385	179	07
09	984	008	30	512	073	5020	20	118	5045	19	166	5082	18	268	5137	16	384	192	09
10	983	5006	28	512	071	5054	14	116	5090	13	162	5129	12	264	5142	09	380	189	
11	978	5007	19	516	068	5033	16	112	5070	15	159	5112	13	261	5148	11	376	229	04
11	981	008	34	514	070	5054	20	114	5089	18	161	5117	16	262	5176	10	376	247	06
12	974	5013	18	520	064	5044	13	109	5076	12	156	5078	11	258	5147	08	373	228	04
14	969	5003	22	524	060	5051	18	105	5089	18	151	5124	16	252	5152	15	367	215	11
15	980	013	20	515	069	5045	19	114	5085	17	161	5126	15	262	5162	12	376	229	08
16	980	5024	19	515	068	5090	13	112	5127	13	158	5137	14	259	5185	09	375	239	02
17	989	5028	23	508	075	5097	22	118	5110	17	165	5129	16	266	5187	10	380	265	05
18	974	5012	21	520	064	5066	15	108	5090	14	155	5115	13	256	5180	09	370	232	03
19	975	5036	20	519	064	5085	16	108	5063	16	155	5114	12	256	5173	06	371	222	
19	979	5051	16	516	067	5097	16	111	5095	16	158	5123	10	259	5180	06	373	225	
21	973	5023	22	529	062	5060	12	107	5078	09	153	5118	09	255	5168	05	369	225	
21	976	5049	16	518	064	5095	17	108	5127	13	154	5139	13	255	5182	08	369	242	03
22	983	5031	23	512	070	5100	15	114	5142	11	160	5168	09	259	5204	08	372	254	03
23	982	5047	16	513	069	5112	13	111	5148	11	157	5166	08	258	5168		372	252	02
25	977	5039	19	517	065	5106	14	109	5136	11	155	5157	09	254	5230	05	366	280	02
25	986	5071	18	510	072	5090	08	116	5103	15	163	5131	14	263	5193	10	375	265	06
27	983	5078	17	513	069	5113	17	113	5140	13	159	5146	14	259	5144	10	372	260	04
27	983	5082	16	512	070	5067		115	5089	10	161	5118	14	262	5193	09	375	273	05
28	981	5117	14	514	067	5098		111	5117		158	5126		259	5175		374	185	08
29	974	5078	15	520	062	5115	08	106	5138		152	5129		253	5173	08	367	236	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	511	280	03	668	389		861	490	129	466	320	448	592	430	743	418	939	410
03	516	273	02	676	343		871	477	132	502	323	453	595	441	746	413	942	412
04	514	273	04	671	373		864	500	126	485	317	454	589	435	740	420	935	407
05	506	318	02	661	409		851	541	114	464	307	443	580	429	731	411	928	407
06	511	300	03	667	420		855	572	118	464	310	431	583	426	734	414	931	400
06	513	334	02	667	430		855	540	120	466	312	439	586	410	738	402	935	392
08	518	278	03	675	402		865	539	126	473	317	436	590	426	741	415	937	401
09	518	280	04	674	393	01	866	537	127	493	319	444	591	435	741	425	936	401
10	512	284		669	393		861	506	127	443	320	426	594	409	746	413	943	396
11	506	317	04	661	421		851	521	119	437	312	438	585	440	735	421	930	421
11	508	302	03	663	408		853	536	120	434	315	424	588	424	740	416	935	407
12	505	312	02	660	421		851	480	122	441	315	423	588	433	739	432	933	426
14	500	277	06	658	362	03	853	476	121	447	314	441	587	425	737	430	933	400
15	509	249		669	350		864	474	127	459	319	443	591	434	742	423	936	424
16	505	288	01	662	373	01	855	497	117	464	309	456	579	453	729	451	922	424
17	509	317	04	664	408		855	494	125	431	319	419	593	437	743	423	939	408
18	502	275		660	367	02	853	523	119	431	313	418	589	398	741	410	937	398
19	505	304		660	410		850	523	117	450	310	432	583	430	734	430	929	425
19	503	302		659	400		850	517	117	442	311	417	586	420	737	422	932	412
21	501	307		657	390		848	527	113	437	307	437	580	423	731	424	927	397
21	500	309	03	656	408		847	490	116	439	310	435	583	422	734	420	924	413
22	503	316		658	410		849	522	118	420	314	425	587	437	738	421	933	410
23	503	321		658	414		848	520	117	432	312	426	585	441	734	445	928	428
25	496	349		649	391		844	456	113	447	307	427	581	415	732	421		
25	506	347	03	660	428		849	536	117	436	311	434	583	446	732	446	926	431
27	504	353	02	657	452		845	500	115	430	310	425	583	420	734	429	929	410
27	502	345	02	655	450		844	474	116	429	310	440	582	438	732	436	925	447
28	508	261	06	666	359	03	860	505	120	477	311	463	583	442	733	433	926	439
29	499	310	03	654	413		844	502	113	441	306	440	578	438	729	430	923	425

Results of Radiosonde Observations,
WILKES – Mar., 1960

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	972	5022	30	522	062	5046	25	107	5074	22	154	5106	19	256	5179	11	369	256	06
02	960	5044	18	531	052	5037	15	097	5058	10	144	5090	10	247	5162	09	361	243	06
04	963	5039	22	529	055	5054	11	099	5087	09	146	5124	09	247	5207	08	359	268	04
04																			
05	962	5038	22	529	054	5075	15	098	5107	17	144	5138	13	244	5215	07	356	300	04
06	969	5047	21	523	059	5096	16	103	5126	15	149	5142	13	250	5214	07	362	264	06
07	967	5067	22	525	057	5115	14	100	5142	11	146	5171	08	245	5233	06	356	278	04
08	970	5082	12	523	059	5128	10	102	5162	09	148	5200	08	246	5237	03	358	270	
09	965	5117	14	526	055	5112	05	098	5142	03	144	5158		244	5190		358	247	04
10	961	5149	11	529	050	5157	06	093	5141	04	139	5173		238	5210		351	275	
11	966	5167	07	525	054	5228	04	093	5207	03	138	5188		237	5226		350	289	
12	970	5159	09	522	058	5172	05	100	5193	05	145	5200	05	246	5190		358	266	02
14																			
15																			
16	975	5165	08	518	061	5208	05	103	5194	03	148	5178		247	5223		359	288	
17	970	5074	17	522	059	5083		103	5112		150	5143		250	5210		362	289	
17	979	5117	15	515	066	5137	13	108	5171	08	154	5172	07	254	5195	05	367	276	
18	992	5113	09	505	076	5134	10	119	5145	10	165	5150	07	265	5199		378	281	
19	997	5126	08	501	080	5106		125	5105		171	5144		271	5198		384	257	
20	986	5139	09	510	070	5160	09	114	5147		159	5164		259	5214		371	292	
21	975	5168	05	517	061	5199	05	103	5204	05	148	5220		246	5263		356	303	
22	971	5137	08	522	059	5124	05	102	5148	04	148	5175	04	247	5251	03	358	294	
23	969	5073	18	523	059	5063	16	104	5097	11	150	5140	07	250	5214	03	363	285	03
24	971	5089	15	522	060	5103	14	104	5132	12	150	5162	11	250	5201	09	362	290	04
25	969	5084	16	523	059	5090	18	103	5113	16	149	5135	14	249	5206	09	361	299	04
27	949	5089	15	540	042	5126	09	085	5133		132	5120		233	5182		346	263	
27	964	5111	10	527	054	5108	13	098	5143	09	144	5157	07	243	5193		356	285	
28	968	5071	19	524	058	5054	13	103	5077	09	150	5111	07	260	5185	04	373	284	
29	970	5100	11	522	059	5130	11	102	5126	00	148	5139	06	250	5178		363	261	
30	968	5128	10	526	057	5155	08	099	5191	07	145	5188	06	245	5186		359	243	
31	974	5096	14	519	063	5088	14	107	5119	12	153	5140	11	254	5194	08	366	283	04

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹
01	499	347	03	652	438		842	479	112	446	304	450	575	455	724	461	916	441
02	492	316	02	647	418		837	522	104	434	298	437	569	447	719	435	913	433
04	488	345	02	642	423		831	533	099	439	293	434	565	446	714	442	908	437
04																		
05	484	363	02	636	459		825	520	094	435	288	432	561	431	711	441	904	437
06	493	325	03	647	440		837	520	105	436	298	436	571	442	720	451	912	463
07	486	343	02	640	414		829	546	098	440	291	437	564	445	714	440	907	434
08	487	347		640	438		830	500	100	442	293	443	565	438	715	441	908	445
09	489	300	04	644	420		836	472	108	426	301	452	572	456	721	452	913	450
10	480	350	01	632	473		821	464	096	402	292	418	565	433	715	446	908	451
11	478	372		630	455		819	480	091	430	285	430	557	453	707	447	899	468
12	488	353	01	640	446		828	546	097	446	289	448	561	446	710	458	901	473
14																		
15																		
16	487	376		638	475		826	500	097	442	290	450	560	463	708	474	898	478
17	496	369	02	647	464		829	512	099	446	291	454	561	479	708	484	897	490
17	491			644	450		832	521										
18	506	351		660	437		848	564	108	476	298	476	566	495	712	492	901	501
19	514	356		667	445		854	514	111	517	299	479	566	495	712	502	900	496
20	499	378		650	451		837	587	098	491	287	490	554	481	701	490	891	483
21	484	381		635	484		822	532	090	467	281	454	550	473	697	480	886	484
22	486	373		637	465		826	520	091	488	281	458	548	478	696	483	885	492
23	491	374	02	642	483		828	515	096	450	288	459	558	472	705	473	895	475
24	490	396	02	639	512		824	490	095	442	287	449	557	465	705	469	895	471
25	489	385	02	639	490		825	505	094	443	287	447	558	453	706	462	898	454
27	475	364		628	425		820	491	088	443	281	441	552	446	702	450	894	457
27	484	373		635	465		823	495	094	442	286	456	555	477	702	471	893	472
28	500	403		650	483		832	518	100	464	291	467	560	468	708	473	909	463
29	493	343		646	447		834	511	102	453	294	457	563	480	709	486	899	477
30	489	336	02	638	432		830	472	101	435	294	450	563	481	711	477	900	492
31	494	390	02	643	510		832	453	106	418	300	452	573	438	722	454	913	477

Results of Radiosonde Observations,
WILKES – Apr., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg
01	986	5039	22	510	072	5084	14	116	5120	15	163	5136	15	263	5215	06	373	298	04
03	985	5076	13	511	071	5125	11	114	5156	09	160	5173	09	259	5245	06	369	334	03
03	986	5111	12	510	072	5116	14	115	5132	14	161	5163	11	260	5229	07	371	313	03
04	985	5091	12	510	071	5103	10	115	5135	10	161	5168	09	260	5220	05	371	313	03
05	984	5123	11	511	071	5085	11	115	5116	09	161	5153	08	260	5241	05	371	321	02
06	989	5116	12	507	073	5136	12	116	5163	11	162	5180	08	261	5248	05	371	325	03
07	982	5193	07	512	067	5117		111	5132		157	5150		257	5202		372	219	
09	977	5133	10	516	063	5186	08	105	5223	06	150	5210	07	248	5217	02	360	283	02
10	963	5162	09	527	052	5210	07	093	5166	07	139	5160		239	5200		352	243	
10	968	5206	06	523	055	5210	05	098	5206	05	143	5206	02	241	5247		352	295	
11	966	5157	09	525	055	5167	08	097	5203	07	143	5171	05	242	5230	03	354	283	02
12	996	5128	11	502	080	5089	08	125	5111	08	171	5135	08	271	5195	04	384	258	
13	990	5107	11	507	074	5137	09	117	5139	12	163	5133	14	264	5185	10	378	194	11
15	970	5067	16	528	060	5055	13	105	5097	13	151	5140	11	251	5213	08	365	240	07
15	983	5080	15	513	070	5093	14	113	5123	13	160	5145	12	260	5211	09	372	256	06
17	978	5106	13	516	065	5158	09	107	5182	05	153	5151	05	253	5193	04	369	236	03
17	983	5112	10	512	068	5166	08	111	5193	08	156	5150	06	256	5213	03	369	247	06
18	990	5113	11	506	073	5174	09	116	5173	08	162	5149		263	5174		377	250	
19	987	5115	11	509	072	5124	12	115	5118	14	162	5120	16	263	5188	10	376	275	05
20	978	5111	12	506	064	5165	09	107	5203	07	152	5162	07	252	5198		365	274	
21	982	5188	05	512	066	5213	04	108	5241	04	152	5225	04	251	5217		363	292	
23	980	5118	13	514	066	5168	08	108	5200	07	153	5233	05	251	5240	03	362	304	
23	988	5144	10	508	072	5182	08	113	5213	06	158	5249	05	255	5243	05	366	306	
24	985	5163	07	510	069	5185	05	112	5194	06	157	5183	08	256	5242	05	366	321	03
26	987	5168	09	508	071	5130	08	114	5150	09	160	5178	06	258	5260	03	368	340	
26	988	5116	12	508	073	5132	10	116	5157	07	162	5189	07	260	5260	04	370	340	02
27	985	5148	10	510	070	5156	09	113	5189	08	157	5222	07	255	5271	05	364	351	02
29	981	5274	03	513	065	5212	05	107	5190	04	151	5203		250	5242		361	295	
29	990	5191	07	506	073	5156	09	116	5170	09	161	5203	06	260	5241		371	307	
30	981	5246	04	513	064	5233	05	106	5260	04	150	5243	05	247	5244	05	360	244	05

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹
01	501	392	02	651	502		836	502	105	455	297	462	556	478	703	473	892	495
03	495	395	02	645	474		833	523	098	472	289	460	558	485	705	490	893	512
03	498	405		647	508		834	497	103	457	294	467	563	480	710	477	899	487
04	498	403		647	500		832	536	098	477	289	480	556	485	703	493		
05	498	409		647	487		833	544	097	488	287	483	553	509	698	506	885	529
06	499	372	01	651	442		840	525	106	474	296	487	562	502	707	521	893	536
07	503	314		658	433		846	563	105	500	293	490	560	498	706	501	893	520
09	489	347		645	380		838	502	103	471	293	498	558	520	702	530	887	531
10	480	364		634	386		828	472	097	472	287	488	553	513	697	508	883	540
10	483	297		639	390		831	502	100	444	292	465	559	502	704	523	889	523
11	483	361		634	458		824	475	093	488	282	485	545	528	688	539	872	565
12	514	323		670	374		865	469	125	567	308	550	568	557	709	587	891	545
13	512	264	07	670	381	02	861	545	119	536	305	510	568	526	711	553	895	552
15	503	323	04	657	446		843	592	099	536	284	533	545	530	689	528	875	524
15	496	326	03	650	445		836	577	096	502	284	493	549	513	694	514	881	516
17	498	324	01	652	440		839	567	093	559	278	541	538	532	682	530	868	526
17	500	315	04	654	429		842	582	095	565	279	544	539	531	683	531	868	531
18	507	338		660	426		853	540	109	529	295	533	554	540	697	548	881	548
19	505	354	02	658	452		845	556	109	500	297	504	560	521	704	525	889	531
20	494	374		645	458		832	555	095	496	283	507	548	504	692	527	878	527
21	492	358		644	471		829	566	090	507	278	500	543	500	689	503	876	528
23	489	386		640	475		826	560	089	489	278	486	544	488	690	487	879	500
23	494	371		646	470		834	511	100	470	292	485	559	490	705	508	892	516
24	493	383	02	644	465		831	545	097	460	289	460	557	496	702	497	890	508
26	495	424		644	507		827	587	088	484	277	490	543	498	689	499	876	518
26	493	447		640	542		822	582	082	517	268	528	530	536	674	533	859	545
27	489	432		637	504		823	540	084	518	269	546	529	561	670	568	852	577
29	498	368		650	444		839	548	098	530	283	540	541	566	683	588	862	613
29	490	343		645	400		837	502	101	509	288	524	549	562	690	575	871	592
30	492	292	04	649	377	02	841	500	110	436	303	445	574	453	723	448	914	468

Results of Radiosonde Observations,
WILKES – May., 1960

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	989	5224	05	507	071	5240	04	112	5238	04	157	5194	05	257	5207	08	370	261	06
02	999	5246	03	501	079	5188	05	121	5168	05	167	5154	04	268	5194	04	380	270	
04	001	5238	03	002	080	5180		123	5143		169	5162		269	5192		382	276	
05	973	5091	17	520	062	5087	16	106	5113	14	153	5143	11	252	5214	07	364	308	03
05	984	5086	15	511	070	5123	13	113	5150	11	159	5177	10	257	5238	07	368	310	03
06	993	5122	12	504	076	5160	10	119	5192	09	164	5190	09	262	5239	03	374	285	02
07	989	5182	07	506	072	5182	08	115	5182	08	160	5170		260	5202		373	259	
08	985	5229	04	510	067	5244	04	109	5267	04	153	5228	06	250	5241		362	290	
09	999	5246	03	001	077	5245	04	119	5252	04	154	5197		262	5237		373	312	02
11	978	5123	13	506	066	5087	16	110	5117	13	156	5148	11	256	5213	07	368	252	05
11	999	5278	02	001	079	5182		122	5176		167	5194		266	5253		377	300	
12	973	5068	15	520	062	5055	19	107	5089	17	154	5125	15	255	5171	12	369	250	06
13	975	5039	18	519	065	5040	16	110	5071	17	156	5107	13	258	5183	09	371	273	04
14	991	5062	21	506	076	5098	17	119	5120	16	166	5143	13	266	5203	09	379	287	05
15	976	5159	10	517	063	5095	17	108	5106	13	154	5136	08	254	5212	05	365	283	02
16	957	5158	10	532	047	5183	08	088	5178	08	133	5149	07	234	5200		346	284	
17	970	5180	07	522	056	5225	05	098	5264	04	142	5244		240	5234		352	296	
18	986	5204	06	509	069	5173	05	112	5196	05	157	5196	05	255	5224		367	273	
19	983	5217	05	511	066	5213	05	109	5166	05	155	5165		255	5195	08	368	248	06
20	990	5206	06	506	071	5210	06	114	5226	05	158	5223	06	257	5240	02	368	316	03
22	974	5198	06	518	059	5242	03	101	5247	02	145	5228	02	243	5252		353	327	01
22	982	5221	05	512	065	5243	03	107	5237	03	151	5191	05	250	5225	02	362	283	
23	980	5146	10	514	066	5168	09	108	5194	08	153	5198	08	253	5207	08	365	234	05
25	967	5101	14	525	056	5127	13	100	5156	11	145	5188	09	243	5250	06	355	285	05
25																			
27	994	5127	13	504	077	5153	11	120	5182	09	165	5202	07	264	5228		375	317	
28	980	5084	14	514	067	5097	10	111	5137	09	157	5173	09	256	5223	07	368	261	05
28	997	5108	13	502	078	5159	10	121	5177	09	167	5191	09	265	5249	06	376	283	05
29	978	5143	10	516	064	5180	08	106	5194	06	152	5206	06	249	5247	05	361	280	02
30	974	5163	08	519	060	5213	06	102	5249	05	146	5227	06	244	5243	03	356	287	
31	985	5237	04	510	067	5251	04	109	5266	04	153	5255	04	250	5261	04	360	336	03

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	-°C ×10⁻¹	dg/kg	gpDm	-°C ×10⁻¹	dg/kg	gpDm	-°C ×10⁻¹	gpDm	-°C × 10⁻¹	gpDm	-°C ×10⁻¹	gpDm	-°C ×10⁻¹	gpDm	-°C ×10⁻¹	gpDm	-°C ×10⁻¹
01	500	329	03	654	382		847	515	112	482	301	493	565	517	709	543	893	546
02	510	360		662	469		849	554	108	512	296	506	559	522	703	560	886	560
04	512	326	02	666	417		855	553	110	587	293	558	551	565	693	558	876	575
05	495	404		644	475		833	502	099	486	287	512	548	555	690	580	870	616
05	491	368	02	643	451		832	475	100	494	287	527	548	546	690	563	872	587
06	503	357		655	452		843	527	105	514	291	524	552	556	694	560	875	592
07	504	318		658	418		847	556	102	547	287	530	547	541	690	562		
08	490	395		639	497		823	583	082	522	269	520	531	531	674	555	856	569
09	500	406		649	499		833	598	089	542	274	537	534	555	676	571	858	569
11	504	385		655	467		842	557	097	580	277	607	529	603	667	626	846	600
11	498	304	03	653	435		841	567	095	589	275	593	529	602	667	619	845	630
12	499	356	02	650	475		835	600	090	558	273	555	530	564	671	582	851	602
13	499	383	01	649	511		832	533	093	537	277	544	536	572	680	606		
14	507	383		657	484		842	586	096	563	279	574	534	584	673	607	852	619
15	495	381		650	504		830	552	088	552	271	568	527	591	666	611	845	611
16	474	383		625	481		811	536	074	514	260	528	520	550	662	574	843	587
17	480	377		632	456		820	515	084	495	271	523	533	550	675	551	857	578
18	497	357		649	435		839	530	099	542	283	550	540	592	680	600	859	618
19	499	335	03	654	386		845	512	102	545	286	558	544	576	684	602	862	620
20	495	383		646	471		835	510	096	523	283	543	541	565	681	586	860	616
22	491	348		644	445		832	558	088	563	271	570	527	600	666	611	844	630
22	479	410		628	506		812	542	075	525	260	546	517	588	657	612	835	622
23	492	400	02	641	498		827	541	088	523	274	534	531	580	671	606	848	635
25	483	361	02	635	452		823	544	082	547	266	570	520	607	659	622	835	646
25																		
27	502	393	01	653	484		833	552	092	567	273	592	526	628	664	631	840	663
28	506	333	03	660	428		849	538	106	582	287	591	540	618	677	636	853	659
28	498	347	03	650	458		837	576	090	574	271	588	524	615	661	642	836	659
29	490	359	02	641	472		827	586	077	598	257	602	509	630	646	644	821	663
30	485	361	01	638	470		821	594	073	583	254	593	508	627	645	644	820	666
31	486	398	01	637	465		822	594	075	587	255	600	506	647	642	650	816	679

Results of Radiosonde Observations,
WILKES — Jun., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg
01	978	5224	04	515	064	5164	06	107	5167	06	152	5187	05	251	5215	05	363	331	03
02	968	5102	12	524	057	5110	10	101	5136	10	147	5164	09	246	5207	08	358	298	03
03	974	5149	09	519	062	5124	09	105	5142	08	151	5172	07	251	5225	03	362	316	
04	976	5219	05	517	062	5165	07	105	5163	07	151	5195	06	249	5234	05	360	320	02
05	991	5279	03	506	073	5150		116	5156		161	5175		261	5217		373	288	
06	981	5203	03	513	066	5153		109	5165		154	5198		252	5247		364	312	
07	967	5260	04	523	053	5269	03	094	5270	04	138	5244	03	236	5254		346	317	
08	968	5209	05	523	055	5257	04	096	5294	03	139	5253	03	237	5256		347	318	
09	986	5228	04	509	068	5251	02	109	5252	02	154	5208		252	5243	03	363	320	03
11	983	5079	16	512	070	5073	07	115	5106	06	161	5148	05	261	5232	04	372	303	02
12	969	5136	12	523	058	5128	12	101	5134	07	148	5136	09	248	5205	03	360	295	02
13	983	5150	10	512	067	5200	07	110	5172	10	155	5177	09	254	5239	02	365	317	02
14	974	5093	15	519	063	5083	11	107	5119	10	153	5165	09	252	5236	06	363	305	03
14	982	5117	10	513	068	5127	12	112	5147	11	157	5158	10	257	5226	06	369	300	04
15	986	5133	09	510	071	5121	10	115	5142	09	160	5180	08	259	5238	06	371	262	
16	982	5101	14	512	068	5130	13	111	5153	12	157	5173	10	257	5213	08	369	302	04
17	990	5195	06	506	074	5100	10	117	5137	05	163	5155	06	263	5226	03	374	301	
19	983	5268	03	511	067	5139	05	109	5153		155	5140		256	5193		369	263	
19	992	5161	08	505	075	5173	07	117	5204	06	162	5214	07	261	5181		375	253	
20	966	5086	18	527	056	5104	15	099	5137	13	144	5173	10	244	5196	10	357	275	05
21	994	5162	09	503	075	5226	06	117	5241	05	161	5227	04	259	5237	02	371	305	
22	005	5180	07	005	084	5204	07	126	5221	07	171	5187	06	269	5251		380	288	
23	995	5275	03	502	075	5195	04	117	5180		163	5181		262	5230		374	280	
24	991	5247	03	506	071	5277	03	112	5310	02	156	5229	05	254	5229		365	291	
26	990	5247	03	506	070	5265	03	111	5255	03	155	5199		255	5227		367	295	
26	990	5252	04	507	071	5226	04	113	5171		159	5184		257	5228		369	299	
27	992	5128	10	505	076	5115	08	120	5144	08	165	5176	07	265	5188	08	379	246	06
29	979	5043	23	515	068	5073	26	112	5106	14	158	5140	10	258	5214	05	370	305	03
29																			
30	980	5093	17	515	067	5134	12	110	5162	09	155	5190	07	253	5243	06	365	273	05

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹
01	493	350	02	645	472		830	617	078	597	257	603	509	621	646	631	823	647
02	486	404		634	515		816	588	071	561	254	578	509	603	647	613	825	628
03	489	399		637	508		820	601	075	565	256	583	511	608	650	621	827	638
04	487	408		635	512		818	606	071	590	257	601	503	618	640	632	816	651
05	501	393		650	507		832	615	082	613	260	630	509	632	646	638	819	689
06	490	406		641	444		827	597	072	658	248	649	493	686	626	701	796	724
07	473	384		624	473		808	605	054	650	228	668	471	710	603	729	770	750
08	473	402		622	505		806	602	057	615	233	645	478	694	610	728	778	747
09	490	379	02	641	487		825	605	076	608	254	633	501	674	635	700	805	730
11	499	410		647	521		829	607	080	611	258	635	504	683	637	700	808	723
12	488	392	01	638	489		822	593	073	613	252	623	500	650	636	665	809	683
13	491	409		640	504		824	592	077	594	257	598	510	625	647	629	824	636
14	496	398	01	645	503		831	555	090	523	278	514	540	541	682	564	863	595
14	485	410		633	538		815	572	074	527	260	523	520	552	662	562	843	596
15	500	339	02	654	443		841	586	092	576	276	542	536	561	678	564	860	576
16	496	405		645	494		829	592	083	591	264	583	521	559	662	582	842	597
17	501	401		650	505		830	616	079	638	255	622	506	632	642	651	818	647
19	504	348		656	468		840	627	083	711	254	707	493	742	624	732	792	749
19	498	358		650	463		836	585	084	675	259	645	504	695	637	709	808	691
20	485	370	02	636	467		822	612	076	580	257	583	511	615	648	648	822	679
21	498	393		647	502		831	585	088	569	269	581	523	608	661	632	837	662
22	509	367		660	475		845	617	092	642	270	617	520	647	655	675	827	712
23	502	374		653	485		837	599	088	605	267	614	516	659	651	692	821	708
24	493	354		645	453		831	587	082	622	259	633	506	673	640	705	809	731
26	494	377	01	646	442		834	582	082	642	258	653	504	685	636	720	804	764
26	497	388		647	476		833	581	083	650	258	670	500	727	630	746	797	766
27	510	315	04	664	439		850	605	097	690	268	708	505	755	633	769	798	786
29	498	337	02	652	430		840	567	095	588	275	597	527	625	664	650	838	680
29																		
30	494	357	03	649	453		836	565	094	556	277	565	532	598	671	614	849	634

Results of Radiosonde Observations,
WILKES – Jul., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	dg/kg
01	975	5137	11	518	062	5176	07	104	5207	06	149	5242	05	245	5297	04	357	283	04
02	983	5178	08	512	067	5222	07	108	5248	05	153	5241	05	250	5266	04	360	327	03
03	977	5212	05	516	062	5230	05	103	5260	04	147	5263	04	243	5298	03	351	393	01
05	976	5291	02	517	059	5290	03	100	5322	02	143	5353	02	236	5336	02	343	377	01
05	978	5333	01	515	061	5285	02	102	5248	02	146	5247	02	243	5263		354	325	
06	985	5288	02	510	067	5262	02	108	5280	02	151	5309	02	247	5285		356	350	02
07	976	5327	01	516	058	5292	03	100	5280	03	143	5280	03	239	5300		348	360	
08	966	5312	01	524	052	5252	03	094	5269	03	137	5281	03	233	5294		342	358	
10	974	5291	02	518	058	5284	02	099	5309	02	142	5307	02	237	5324	02	344	370	
10	983	5309	02	511	063	5310	02	104	5316	02	147	5260	02	245	5263		354	317	
11	000	5239	02	001	080	5156	09	123	5167	10	169	5178	09	268	5228	07	380	370	05
13	995	5212	05	502	075	5213	06	117	5228	05	162	5245	05	259	5263	04	369	338	02
13	996	5102	17	502	078	5153	11	121	5182	09	166	5212	07	265	5218	07	376	294	04
14	995	5218	05	503	076	5153	09	119	5150	04	165	5158	04	265	5204		378	258	04
15	986	5261	03	509	068	5196	04	111	5174	04	156	5172		255	5233	03	367	297	02
16	983	5265	02	511	067	5245	03	108	5269	02	151	5257	02	248	5262		359	328	
17	985	5326	02	509	066	5306	02	106	5311	02	149	5280	02	246	5284		355	344	
18	983	5332	01	511	064	5303	01	105	5297	01	148	5263		244	5304		352	369	
19	985	5346	01	509	065	5339	01	105	5351	01	147	5353	01	241	5340		348	383	
20	985	5276	02	510	068	5209		110	5233		154	5262	04	251	5294	03	360	339	01
21	978	5259	03	515	063	5196	03	105	5194		150	5211		247	5284	02	356	370	02
22	987	5303	02	508	067	5299	02	108	5261	03	153	5225	03	250	5290	01	358	370	01
23	985	5257	03	510	068	5210	05	110	5203	06	155	5211	01	253	5259	05	363	327	03
25																			
26	974	5076	16	520	062	5114	08	106	5146	07	152	5179	07	250	5257	05	360	335	03
27	000	5056	16	001	083	5115	11	127	5140	06	176	5158	04	276	5212	08	389	283	05
28	994	5047	20	504	079	5072	14	124	5103	13	170	5138	12	271	5152	13	386	224	08
29	000	5106	15	001	082	5136	12	125	5171	10	171	5151	12	272	5124		388	201	05
30	994	5071	18	503	079	5092	18	123	5085	21	170	5099	20	272	5153	12	387	218	
31	985	5126	09	510	069	5150	07	113	5164	07	158	5170	03	257	5242	03	368	327	02
31																			

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹
01	485	382	02	636	457		822	573	075	587	256	597	508	631	644	650	819	674
02	486	411		635	496		820	584	072	613	250	630	497	672	631	697	801	727
03	474	450		621	535		804	574	058	598	237	631	484	658	619	682	790	713
05	481	376		632	475		816	618	063	689	236	671	479	683	610	727	779	727
05	468	443		615	517		799	562	055	585	235	623	482	672	616	694	787	723
06	481	436		628	524		810	623	055	669	228	696	468	732	598	747	765	764
07	472	443		619	530		801	616	049	649	224	686	464	724	594	753	760	780
08	466	438		614	520		797	573	051	619	229	633	475	693	607	720	775	742
10	469	431		617	507		801	577	054	614	232	633	478	677	612	700	781	730
10	481	397		631	495		815	583	068	603	247	623	495	675	628	709	798	732
11	510	335	03	663	460		849	578	095	671	269	679	512	690	644	725	811	758
13	509	373	02	655	482		840	595	088	665	263	654	508	697	640	713	810	723
13	494	423		642	504		827	582	078	618	254	655	499	692	631	717	800	748
14	509	338	03	662	442		848	600	091	733	259	746	495	747	624	766		
15	494	390		644	505		826	640	071	678	243	700	482	746	612	758	777	775
16	485	413		633	520		814	648	057	698	228	700	466	762	594	774	758	790
17	480	433		627	533		807	659	048	709	218	723	455	757	584	775	748	785
18	476	447		623	543		803	642	050	690	221	714	458	765	586	785	749	811
19	472	453		618	538		800	613	047	651	220	710	458	755	587	756	753	780
20	485	432		632	530		814	605	062	677	233	715	470	768	598	784	761	807
21	479	465		625	522		806	625	051	687	223	709	460	755	589	778	752	805
22	483	419		632	483		817	593	064	695	235	703	473	736	603	762	777	795
23	489	406		639	488		823	603	068	716	237	728	474	745	603	761	769	774
25																		
26	487	377	02	639	446		827	537										
27	517	358	03	669	460		854	580	105	654	282	623	533	623	670	645	844	672
28	518	292	05	675	404		864	570	110	678	286	612	538	621	676	640	851	648
29	521	273	04	678	394	01	869	553	116	686	289	673	535	655	671	645	846	670
30	519	322	02	673	429		863	559	110	687	283	650	529	675	666	625	843	639
31	493	423		641	520		823	624	067	695	237	723	473	764	603	748	770	750
31																		

Results of Radiosonde Observations,
WILKES — Aug., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg
01	992	5219	05	505	074	5129	09	117	5163	04	163	5198	04	261	5238		372	294	
03	984	5109	15	511	070	5126	12	113	5140	11	159	5161	10	259	5174	10	375	206	09
04	974	5067	19	520	063	5101	16	106	5122	13	153	5134	13	253	5172	11	366	287	04
05	978	5104	15	516	065	5142	11	108	5172	10	153	5190	08	252	5238	06	363	306	03
06	976	5132	12	517	063	5140	10	106	5160	09	152	5182	07	251	5230	06	362	310	04
07	983	5093	16	512	069	5117	13	113	5138	09	159	5158	06	259	5197		372	259	
08																			
09																			
10																			
11																			
12	989	5168	08	507	073	5164	06	116	5131	05	162	5147		263	5183		377	249	
13	993	5213	05	504	074	5227	03	116	5243	02	160	5235	02	257	5265		367	340	
14	994	5165	08	503	075	5222	04	117	5239	04	161	5262	03	257	5275	03	367	340	
15	992	5152	10	505	074	5181	08	117	5207	07	162	5232	06	259	5270	04	368	352	02
16	979	5106	13	515	066	5130	10	109	5165	09	154	5204	07	252	5279	04	362	297	04
17	971	5073	17	522	060	5115	15	103	5145	12	149	5176	10	248	5243	06	359	290	04
18	984	5194	06	511	067	5223	05	109	5223	06	154	5242	05	252	5238		363	280	
19	983	5113	13	512	069	5130	09	112	5158	09	158	5157	10	257	5226	07	369	287	04
20	971	5058	19	522	061	5084	16	105	5117	16	151	5138	14	251	5199	09	364	277	05
21	981	5112	13	514	069	5075	09	113	5107	06	159	5144	05	259	5226	03	370	312	02
22	972	5168	08	520	059	5176	08	102	5207	07	147	5189	08	246	5211	03	359	273	
23	970	5166	09	522	057	5186	07	100	5210	06	144	5248	05	240	5272	04	351	308	03
24	981	5216	04	513	065	5200	05	108	5227	04	152	5250	04	248	5270	02	359	293	
25	972	5200	05	520	059	5173	05	102	5197	04	146	5232	03	245	5233	06	356	296	04
26																			
27	971	5116	13	521	060	5099	08	104	5141	08	150	5187	07	248	5236	05	359	332	02
28	976	5152	09	517	062	5160	06	105	5183	07	150	5210	06	249	5247	05	359	327	03
29	974	5179	08	519	061	5147	08	104	5154	07	150	5169	07	249	5240	05	360	327	03
30	983	5181	07	512	066	5233	06	108	5209	07	153	5184	07	252	5236		363	311	
31	992	5191	07	505	073	5219	04	116	5176	04	161	5158		261	5189		376	209	
31																			

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹
01	501	367		654	425		842	573	088	745	255	750	490	756	618	780	783	777
03	506	308	04	661	415		850	561	096	768	262	741	496	774	624	778		
04	494	398	01	638	525		819	620	067	664								
05	490	398	01	640	496		823	604	072	671	245	681	486	731	616	753	782	760
06	489	383	02	639	493		822	614	068	685	240	687	482	712	614	720	783	728
07	502	338	02	654	468		839	604	081	750	249	729	487	739	617	726	787	710
08																		
09																		
10																		
11																		
12	507	336		660	451		846	593	089	743	259	703	497	743	627	744	794	747
13	492	428		640	523		823	604	071	663	243	698	483	714	615	705	784	745
14	492	440		639	529		822	590	074	617	252	617	500	665	634	702	804	716
15	493	440		640	534		822	608	073	634	248	665	491	702	623	733	790	754
16	490	383	02	640	496		822	642	066	700	236	723	473	741	603	747	770	753
17	487	376	02	638	476		822	623	067	698								
18	492	364		644	453		830	591	077	690	248	717	486	736	616	756	782	763
19	493	363	02	644	482		827	623	072	693	242	719	480	736	611	715	780	737
20	492	373	02	643	492		826	621	072	677	245	690	487	686	621	697	792	688
21	492	386	01	642	514		823	650	065	693	237	698	477	720	609	705	779	720
22	487	384		637	505		819	635	063	710	233	721	469	753	599	747	766	739
23	478	395	01	627	509		810	613	058	676	230	695	471	713	602	729	770	733
24	487	379		638	482		822	592	070	674	243	672	485	726	616	721	786	715
25	484	373	03	635	473		820	607	066	669	239	679	482	687	616	686	788	683
26																		
27	484	440		631	532		812	627	058	683	229	716	468	736	599	728		
28	485	420		633	510		816	627	061	692	233	708	472	718	604	720	773	728
29	486	405		635	515		817	607	066	652	241	669	483	708	615	720	785	710
30	490	400		640	499		824	600	071	683	243	702	483	722	614	730	782	742
31	508	303	04	664	412		854	550	099	775	260	843	491	775	619	769	784	760
31																		

Results of Radiosonde Observations,
WILKES – Sep., 1960

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																			
03	975	5062	22	518	064	5083	20	108	5113	16	154	5144	12	254	5220	07	366	303	03
04	972	5104	15	521	060	5113	15	104	5140	12	150	5170	10	249	5220	06	360	312	02
05	982	5167	08	513	066	5185	07	109	5160	10	155	5159	04	255	5189		369	235	
06	966	5147	09	525	054	5195	05	097	5208	05	142	5203	04	240	5240	03	351	303	02
07	969	5196	06	522	056	5222	04	098	5236	03	142	5198	03	241	5231	02	352	297	
08	975	5199	07	518	060	5232	05	102	5262	04	146	5265	04	243	5252	02	354	318	02
09	978	5229	04	515	062	5266	04	103	5223	04	148	5196	03	247	5242		357	317	
10	982	5242	04	512	064	5281	03	105	5313	02	148	5304	03	244	5292	03	353	327	02
11	964	5276	03	525	051	5229	02	093	5228	02	138	5222	02	236	5243	05	347	290	04
12	961	5197	06	528	050	5226	07	092	5230	05	136	5254	05	232	5310	03	340	358	01
13	982	5186	06	513	065	5243	04	106	5280	03	149	5255	02	245	5283	02	356	316	01
14	982	5107	14	513	068	5104	15	112	5125	13	158	5148	11	259	5198	08	372	257	05
15	985	5137	11	510	070	5124	14	113	5154	12	159	5153	12	260	5156	05	375	204	04
16																			
17	961	5067	20	527	052	5110	15	096	5142	12	141	5174	14	240	5243	05	351	313	02
18	969	5097	16	523	058	5140	11	101	5170	10	146	5182	08	245	5224	06	355	330	02
19	972	5145	10	520	059	5173	08	102	5180	06	147	5210	06	244	5289	04	353	341	02
20	976	5139	10	517	062	5203	07	104	5236	05	148	5240	05	245	5264	04	356	304	02
21	971	5171	09	521	058	5184	05	101	5209	05	145	5228	04	243	5239	02	354	312	03
22	989	5167	08	507	072	5190	07	114	5213	06	159	5237	06	256	5242	05	367	314	02
23	989	5219	05	507	072	5174	04	115	5165	04	160	5186	03	260	5222	02	371	302	
24	948	5109	15	540	041	5130	12	084	5158	10	130	5189	08	224	5213	08	337	271	04
25	973	5189	07	519	060	5180	07	103	5177	06	148	5184	04	246	5247	03	357	322	02
26	965	5169	09	526	054	5132	12	097	5145	10	143	5171	09	242	5218	04	354	303	
27	980	5155	09	514	065	5209	06	107	5187	06	152	5183	04	251	5245		362	323	
28	959	5048	25	532	051	5066	19	095	5094	15	142	5123	12	243	5191	07	355	277	04
29	960	5049	15	531	052	5084	12	096	5125	10	142	5125	07	242	5220	06	354	315	03
30	966	5074	19	526	056	5109	15	100	5138	13	145	5168	11	244	5247	06	356	290	04
30	965	5064	20	527	056	5075	11	100	5095	09	146	5134	07	247	5219	04	358	307	02

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹
01																		
03	493	408		642	513		820	595	071	642	246	664	491	660	626	674	800	662
04	487	430		634	535		816	582	069	617	246	636	496	621	634	625	813	586
05	502	284		659	370	02	853	504	105	719	274	703	516	678	650	667	825	646
06	478	393		628	503		813	571	066	620	243	630	494	613	633	610	812	605
07	480	376		631	481		814	624	059	688	231	681	476	663	613	636	789	638
08	481	398		629	527		809	661	052	713	222	712	463	688	597	685	770	681
09	484	424		630	550		809	640	052	709	222	711	471	711	603	715	773	700
10	480	401		630	489		814	598	062	664	235	694	477	690	611	684	784	677
11	476	350	02	629	457		815	583	060	696	234	675	476	708	608	719	778	719
12	465	408		615	490		800	579	050	672	223	706	462	713	593	713	764	692
13	482	419		630	513		813	597	058	671	229	702	470	702	603	702	774	702
14	503	303	04	658	426		845	595	093	648	270	644	516	679	650	686	823	671
15	508	296	03	664	403		853	560	101	668	277	640	523	665	658	670	831	692
16																		
17	478	400	01	627	504		810	625	056	647	231	652	476	679	610	691	782	690
18	480	423		629	503		813	590	061	662	237	682	479	684	613	688	785	694
19	479	412		628	487		811	621	055	705	225	730	463	719	595	716	765	709
20	484	385		634	478		818	620	060	744	227	765	463	735	595	705	767	685
21	481	403		630	506		811	643	052	728	220	737	459	711	591	706	762	699
22	494	411		642	519		824	640	065	737	231	766	466	752	596	738	764	723
23	499	378		650	496		832	623	076	703	246	720	486	706	617	721	787	718
24	466	373	02	617	462		804	563	057	640	231	678	474	697	607	699	778	684
25	483	418		632	505		814	621	061	670	234	683	476	680	611	666	786	647
26	481	396		631	477		815	621	060	688	232	681	476	666	612	657	787	645
27	488	420		636	503		820	588	071	618	249	632	497	668	631	673	805	657
28	484	379	02	636	463		823	580	069	679	243	672	488	674	623	669	797	663
29	480	419		627	548		807	602	054	688	225	703	466	694	599	692	771	700
30	485	413		632	533		812	601	059	720	229	719	469	687	603	673	778	648
30	483	390	02	632	513		814	633	057	706	227	730	466	708	598	696	770	682

Results of Radiosonde Observations,
WILKES – Oct., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg
01	979	5094	14	516	066	5128	11	109	5152	11	155	5180	09	253	5248	06	363	330	03
03	979	5136	10	515	066	5113	10	109	5137	05	155	5167	04	254	5234	03	365	302	02
04	975	5135	09	518	062	5166	05	104	5177	05	150	5183	04	248	5245		360	304	02
05	987	5126	11	509	071	5183	07	113	5216	06	158	5256	05	255	5260	04	365	333	02
06	988	5124	10	508	071	5173	08	114	5203	07	158	5203	07	256	5253	04	366	317	02
07	980	5084	16	515	067	5111	13	111	5143	11	156	5169	09	253	5236	06	366	303	03
08	996	5071	17	502	079	5120	13	122	5136	13	168	5160	11	268	5220	07	380	303	04
09	003	5127	11	003	085	5113	15	128	5146	11	174	5180	10	272	5240	06	383	306	03
10	998	5116	13	500	081	5128	12	124	5143	12	170	5162	11	269	5212	08	382	265	05
11																			
12																			
13	960	5050	24	531	052	5090	17	096	5111	16	142	5120	16	243	5176	10	357	253	05
14	965	5057	15	527	056	5097	13	099	5136	12	145	5164	10	245	5204	08	358	259	06
15	974	5064	18	519	062	5118	14	106	5139	13	152	5157	12	252	5216	07	364	278	05
16	977	5106	13	517	064	5148	09	107	5169	09	152	5152	11	252	5232	06	363	288	04
17	980	5100	14	515	066	5150	10	109	5182	09	154	5181	09	253	5242	06	364	300	03
18	967	5098	14	518	057	5104	09	100	5133	08	146	5166	07	245	5239	05	356	276	05
19	979	5139	09	515	066	5141	10	109	5163	05	154	5193	05	252	5238	05	364	290	02
20	987	5144	07	509	070	5205	06	112	5242	05	157	5203	05	256	5233		367	298	
21	987	5162	07	509	070	5158	04	113	5139		159	5153		259	5200		372	276	
22	980	5150	06	514	065	5185	04	108	5184		153	5173		253	5207	03	365	285	04
23	980	5127	08	514	067	5144		110	5173		155	5200		254	5227	05	365	294	04
24	982	5111	11	513	068	5158	07	110	5186	05	155	5216	06	253	5246	06	364	297	04
25	980	5101	08	514	066	5153	06	109	5198	06	154	5213	06	253	5223	04	365	270	02
26	973	5122	10	520	060	5160	08	103	5150	05	149	5144		250	5198		363	269	
27	980	5129	08	514	065	5186	06	107	5222	05	152	5218	06	250	5223		362	297	
28	992	5113	10	505	074	5199	05	117	5233	05	161	5259	04	259	5251		369	327	02
29	980	5206	04	514	064	5206	02	107	5160		153	5176		252	5200		365	267	
30	988	5070	17	509	074	5079	13	118	5114	11	165	5134	12	267	5120	17	384	160	14
31	958	016	26	533	051	5017	28	096	5049	24	144	5083	20	246	5152	14	361	230	07
31	983	5027	18	512	073	5082	14	117	5094	15	164	5121	14	266	5126		382	200	

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹
01	489	422		637	496		821	613	068	665	242	670	487	549	623	648	790	646
03	493	396	01	642	510		823	643	069	665	244	646	492	631	630	624	808	613
04	486	409		634	525		816	613	065	637	241	633	493	611	633	587	815	554
05	490	425		638	520		820	608	069	653	244	652	492	620	632	565	817	525
06	493	380	01	644	470		829	601	076	682	249	663	497	625	636	592	819	554
07	494	357	02	646	461		832	600	078	665	253	656	504	578	645	556	830	511
08	507	401		655	514		837	609	085	660	261	633	515	555	658	534	845	487
09	511	393	01	660	485		845	602	092	674	266	658	517	575	660	537	846	492
10	512	341	03	664	465		849	622	092	697	264	670	512	631	649	620	829	589
11																		
12																		
13	486	362	02	646	479		830	623	077	675	249	687	493	677	627	666	802	650
14	488	340	03	641	469		826	596	075	654	249	663	496	636	633	621	812	602
15	492	375	02	643	487		826	610	073	664	248	660	494	654	632	620	809	630
16	491	387	01	640	505		823	614	072	647	247	654	495	614	634	601	814	583
17	491	390	02	641	484		826	570	077	659	253	637	504	589	645	561	829	543
18	486	330	03	640	430		828	590	074	664	250	610	508	509	655	492	849	395
19	492	360	01	644	459		830	606	075	664	251	629	505	563	648	524	856	463
20	495	387		644	499		827	615	075	683	248	663	496	615	635	608	816	558
21	500	365		651	477		835	622	080	690	252	703	495	660	632	629	809	612
22	493	377	02	643	489		828	603	075	677	247	678	492	653	629	637	806	615
23	493	387	02	642	503		826	588	077	647	252	653	500	620	638	612	818	584
24	491	388	02	641	492		826	577	077	648	253	624	506	572	648	553	833	518
25	494	370		644	480		831	562	083	613	263	583	522	499	669	462	862	413
26	492	350		644	475		829	559	085	567	268	550	533	455	683	401	881	360
27	490	371		641	471		826	570	081	580	264	535	531	424	684	391	885	351
28	495	415		643	529		826	575	081	585	263	558	528	442	680	380	881	320
29	495	324		649	423		839	526	099	552	284	529	549	464	699	423	897	333
30	520	234	08	681	324	04	877	483	135	540	320	518	587	424	740	360	942	334
31	515	266		673	370	02	867	506	127	516	315	483	585	404	736	386	936	374
31	492	315	03	646	442		836	460	106	452	301	393	579	363	733	358	932	348

Results of Radiosonde Observations,
WILKES – Nov., 1960

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	977	5021	24	518	066	5058	18	111	5091	17	157	5122	15	258	5184	09	372	247	06
03	982	5016	29	513	070	5063	27	114	5102	13	161	5143	12	261	5211	08	373	234	06
04	981	5028	27	514	069	5080	19	113	5101	16	159	5132	13	260	5203	06	372	248	03
05	979	5040	21	516	067	5101	19	111	5098	18	158	5116	11	258	5200	06	371	232	03
06	979	5049	17	516	067	5110	12	110	5143	11	156	5150	12	257	5170	04	371	236	
07	976	5061	19	517	064	5119	11	107	5152	10	153	5187	09	251	5215	07	364	253	
07	974	5051	16	520	063	5083	12	107	5127	11	153	5170	09	252	5225	06	364	299	04
08	973	5043	13	520	062	5097	11	106	5134	10	152	5168	09	251	5236	06	361	300	04
09	979	5072	18	516	066	5121	15	109	5128	12	156	5145	06	255	5217	03	367	305	02
10	979	5074	12	515	066	5131	11	109	5140	08	155	5159	07	255	5217	06	367	262	02
12	987	5083	16	509	072	5150	10	115	5153	07	161	5145		262	5168		376	215	
13	984	5087	11	511	070	5140	10	113	5143	07	159	5147	04	259	5195	06	373	235	
14	980	5034	19	515	068	5086	15	112	5108	11	158	5145	12	258	5217	08	370	290	04
14																			
15	969	5042	23	524	059	5082	19	103	5113	17	150	5146	13	249	5219	07	361	282	02
16	989	5039	16	508	075	5107	15	118	5133	13	164	5163	10	263	5246	05	373	303	03
18	981	5048	16	514	068	5108	08	112	5118		158	5122		259	5176		373	247	05
18	994	5041	15	503	079	5079	10	123	5113	07	170	5148	05	269	5224	02	382	263	
20																			
21	984	5033	26	511	071	5084	12	115	5105	18	162	5132	15	262	5192	10	375	282	05
21	985	5056	17	511	072	5083	14	116	5111	12	162	5144	08	263	5186	04	376	258	02
22	975	5052	21	519	064	5096	14	107	5128	12	153	5164	10	253	5202	09	366	259	03
24	975	5033	20	519	065	5050	12	109	5093	11	156	5140	10	256	5221	07	368	262	06
25	987	5011	27	509	074	5067	17	118	5095	16	165	5126	14	265	5209	08	377	285	03
26	987	5002	24	510	074	5060	22	119	5096	19	165	5128	15	266	5201	09	378	264	05
27	988	5004	28	509	075	5068	22	119	5103	17	166	5135	14	266	5203	09	378	296	04
27	994	5028	26	504	079	5083	19	123	5113	17	170	5138	15	270	5220	08	381	310	03
29	992	5033	22	505	078	5080	18	122	5110	15	168	5143	12	268	5187	10	381	275	05
29	996	5033	19	502	080	5092	14	124	5122	12	170	5152	10	271	5206	06	383	273	04
30	990	5036	18	507	076	5067	13	120	5094	11	167	5124	08	268	5197	07	380	270	04

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	gpDm	°C. × 10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹
01	503	321	03	657	431		848	507	109	513	300	433	576	391	729	390	927	384
03	505	305	03	660	408		851	532	108	552	293	500	564	415	716	376	914	370
04	504	303		659	422		848	560	100	603	282	539	549	406	702	378	902	323
05	503	309		658	430		847	534	103	584	296	512	570	343	729	265	937	252
06	502	333		655	450		843	560	097	597	279	533	548	390	703	331	908	289
07	495	332		648	435		836	560	089	591	272	528	540	421	692	396	891	360
07	491	391	02	643	427		832	540	088	574	273	500	544	395	699	337	902	308
08	490	355	02	643	446		829	582	082	574	267	492	541	355	697	337	899	323
09	494	384	01	645	475		831	552	087	575	271	523	540	423	694	336	898	317
10	497	341	02	650	444		831	594	082	598	264	548	529	460	679	416	877	345
12	509	274	03	666	390	02	856	550	108	617	288	575	549	474	700	414	900	278
13	504	321	03	658	434		846	557	100	592	281	576	542	474	692	403	891	318
14	498	371	02	648	493		835	530	095	530	282	516	550	441	700	428	895	397
14																		
15	490	360		642	431		833	482	103	432	298	390	576	390	728	426	922	436
16	501	397	01	650	492		840	481	108	432	303	396	579	400	731	419	926	411
18	512	314		657	415		857	546	114	516	305	401	583	398	735	422	933	380
18	504	325	03	658	425		846	541	106	510	295	443	574	348	729	356	930	351
20																		
21	503	369	02	654	478		843	514	110	461	302	431	577	393	729	444	926	372
21	506	342		659	438		847	510	114	457	309	406	584	414	737	403	933	388
22	495	343		648	438		837	533	098	512	288	438	567	368	721	374	921	348
24	498	333	03	652	453		840	532	099	517	289	433	569	336	726	319	930	303
25	506	374	01	657	461		845	546	105	506	295	437	573	372	728	364	927	375
26	508	359	02	659	461		847	542	107	512	296	450	574	372	729	364	928	356
27	509	355	02	663	422		852	547	115	474	307	449	579	425	732	380	930	370
27	508	357		661	454		848	560	109	500	299	439	576	393	729	368	930	340
29	512	365	02	663	466		849	534	113	432	308	397	586	384	740	380	938	373
29	510	339	03	663	455		850	552	117	438	310	444	584	410	736	393	934	378
30	509	370	02	660	475		846	560	106	488	299	382	580	346	736	352	936	360

Results of Radiosonde Observations,
WILKES – Dec., 1960

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	990	5028	18	507	075	5108	14	119	5122	12	165	5150	10	265	5201	05	377	276	03
02	982	5037	18	513	069	5078	13	114	5105	11	160	5126	08	261	5180	06	375	255	03
04																			
05	967	003	22	526	058	5045	16	103	5083	14	150	5122	13	252	5135	13	367	195	11
05	978	012	28	517	067	5026	14	112	5064	09	159	5104	08	260	5193	06	372	289	04
06	972	5006	22	522	061	5045	12	106	5069	11	153	5097	07	255	5161	06	370	200	05
07	982	5002	27	514	070	5062	19	115	5080	19	161	5109	16	263	5170	11	378	210	08
09	988	5014	23	508	075	5061	15	119	5092	14	166	5110	10	267	5190		381	227	
09	995	5003	31	503	081	5043	24	126	5080	20	173	5119	16	273	5196	10	387	228	06
10	987	5023	19	516	067	5081	14	111	5111	14	157	5142	13	257	5205	05	370	260	
12	980	5017	25	515	069	5056	20	113	5088	17	160	5124	15	261	5184	10	374	261	05
12	982	5009	23	513	070	5072	18	114	5104	15	161	5138	11	261	5200	08	375	273	05
13	978	5011	20	517	067	5073	14	111	5110	13	157	5148	11	257	5211	07	369	268	05
14	977	5017	27	507	066	5070	20	110	5098	19	157	5128	15	257	5194	09	370	270	05
15	961	5023	22	531	053	5048	14	098	5076	14	145	5110	14	246	5185	11	359	249	07
17	957	5009	28	534	050	5048	20	095	5083	17	141	5108	17	243	5162	12	358	237	07
18	986	002	36	510	073	5065	21	118	5100	17	164	5136	14	264	5218	08	376	288	05
18	991	5001	27	506	078	5028	13	123	5061	12	170	5103	12	273	5146	13	387	220	09
20	972	017	20	522	062	5050	13	107	5076	10	155	5040	08	258	5135	07	373	239	06
21	969	5012	25	526	058	5028	15	103	5062	14	150	5097	14	252	5170	14	368	188	
22	988	5005	26	509	075	5070	11	119	5092	12	166	5102	10	267	5171	08	382	202	
23	996	009	27	502	082	5072	18	126	5077	14	173	5094	14	275	5143	14	391	215	09
24	993	5001	31	505	078	5045	17	123	5068	19	170	5093	19	273	5148	14	388	204	10
25																			
26	993	5011	24	505	079	5082	18	123	5110	18	169	5118	18	271	5146	15	386	218	08
27	988	5008	15	509	074	5121	13	118	5159	11	163	5166	08	263	5188	05	377	241	04
28	988	5018	27	508	075	5092	16	119	5103	10	166	5124	07	267	5176	08	381	258	06
29	992	5037	26	505	077	5112	17	120	5138	14	166	5161	12	266	5204	05	378	271	04
30	971	5020	22	522	061	5087	17	105	5097	18	152	5128	08	253	5168		367	233	
31	979	5022	23	516	068	5041	11	128	5078	08	160	5118	05	261	5138	14	378	154	16
31																			

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹
01	506	372	02	657	481		843	559	102	511	293	443	572	336	728	339	929	352
02	505	316		662	372		856	505	114	533	300	470	575	383	730	350	931	348
04																		
05	501	253	07	659	362	03	853	512	109	561	296	472	571	378	725	368	925	346
05	501	353	03	654	441		843	530	104	482	294	478	566	404	719	370	919	359
06	503	276	05	661	373	03	853	527	109	533	297	475	570	400	723	368	923	355
07	510	284	03	667	387		859	539	116	524	303	470	576	411	729	379	929	350
09	514	281		670	360		867	454	130	534	317	482	587	439	737	409	935	372
09	520	280		676	400		866	538	128	512	315	483	587	414	738	414	935	382
10	500	340		653	442		842	494	110	458	303	434	580	387	733	389	930	377
12	504	327	03	658	431		847	497	115	454	309	412	586	374	740	380	939	357
12	503	325		656	437		848	459	117	450	311	416	588	386	741	390	939	366
13	499	334	03	653	419		845	491	116	424	311	410	586	400	739	389	936	386
14	499	360	02	651	440		841	493	111	424	306	413	582	404	735	398	932	380
15	491	266	06	650	349	03	844	520	111	418	305	408	582	394	734	390	932	383
17	488	336	03	642	416		834	490	102	437	298	390	578	370	733	359	934	337
18	518	315	04	678	436		864	590	122	481	314	453	589	394	742	378	941	360
18	504	371		656	461		842	596	102	476	295	422	571	385	724	386	923	374
20	504	306	03	661	386		852	551	109	512	309	432	585	399	738	388	936	368
21	501	282		657	405		847	551	109	450	304	394	583	376	738	367	937	364
22	515	282		672	395		863	538	124	482	315	434	590	396	743	384	940	371
23	523	293	05	679	390	02	871	527	132	487	322	447	597	393	749	388	947	370
24	521	274	06	678	386	02	870	517	128	519	318	465	591	405	743	398	940	384
25																		
26	518	278	05	676	373	03	869	500	128	520	312	465	586	390	739	382	937	373
27	508	315	03	664	390	02	854	531	113	518	302	474	572	437	723	417	919	399
28	510	342	02	663	436		853	489	125	426	319	413	596	385	750	370	950	343
29	508	350		661	451		849	514	117	435	311	426	585	429	736	405	932	390
30	498	314		654	389		849	445	122	424	317	403	594	399	747	379	946	356
31	513	248	08	672	358	03	866	425	131	438	324	433	601	410	752	393	950	381
31																		

Results of Radiosonde Observations,
WILKES – JAN., 1960

Observations. 1130 Hours

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg
01	982	010	25	513	070	5065	15	115	5094	07	161	5120		263	5163		377	207	
02	977	5004	24	517	066	5066		111	5081		158	5099		260	5140	10	376	172	12
03	979	002	23	516	069	5019	21	114	5063	20	161	5102	17	263	5159	13	379	190	10
04	982	022	27	514	071	5036	17	115	5077	15	162	5110	13	265	5174	11	379	215	06
05	973	023	26	521	064	5030	19	109	5055	16	156	5090	14	258	5169	10	372	253	03
06	972	021	31	522	062	5032	21	107	5066	18	155	5103	16	255	5160	12	371	214	05
07	978	018	28	517	067	5020	18	113	5059	18	160	5095	16	262	5166	12	376	242	06
08	980	5006	35	515	070	5047	22	115	5079	19	161	5112	16	262	5191	09	375	277	05
09	975	033	31	520	065	5022	22	111	5061	19	158	5098	17	261	5145	08	376	218	09
10	975	017	32	519	065	5033	20	110	5050	27	158	5064	25	261	5096	11	379	169	09
11	981	007	32	515	070	5048	21	115	5059	22	162	5089	20	265	5109	16	382	178	08
12	983	5001	31	512	070	5059	24	115	5083	22	162	5098	21	264	5146	15	379	220	05
13	983	000	30	512	071	5062	24	116	5085	21	163	5094	16	265	5160	13	381	204	01
14	984	5003	30	512	072	5066	23	116	5097	20	163	5125	16	264	5179	10	378	223	05
15	981	011	30	514	069	5077	18	114	5103	13	160	5123	10	262	5153		377	210	
16	975	017	30	519	065	5051	16	110	5092	12	156	5131	10	257	5151	05	371	218	07
17	982	5004	25	513	070	5078	18	114	5098	16	161	5127	12	262	5179	09	376	222	05
18	979	5006	20	516	068	5051	17	112	5090	15	159	5130	13	260	5185	10	373	251	06
19	979	5006	26	516	067	5066	15	112	5101	14	158	5135	12	259	5194	09	371	284	05
20	989	005	23	508	076	5076	18	120	5107	15	166	5142	13	264	5203	08	379	288	04
21	987	003	26	509	074	5065	14	119	5104	13	165	5147	11	265	5207	04	377	292	03
22	984	000	22	512	072	5029	15	117	5070	14	164	5111	13	265	5191	10	378	277	05
23	986	001	24	510	075	006	13	120	5040	18	168	5060	18	271	5133	12	386	226	09
24	985	020	27	511	075	024	37	121	000	31	167	5026	24	273	5096	19	390	181	13
25	990	014	32	507	078	029	22	123	5046	24	170	5072	22	273	5141	16	389	191	11
26	988	013	33	509	075	5032	15	121	5058	15	168	5077		272	5106		389	169	08
27	990	017	27	507	077	5050	15	121	5093	11	168	5130	10	268	5133	05	384	206	07
28	989	013	24	508	076	5046	14	120	5080	15	167	5101	12	269	5171	09	384	213	04
29	984	5005	27	512	072	5068	15	116	5094	13	163	5086	06	266	5116		382	188	
30	979	5005	24	516	067	5077	12	111	5090	08	158	5101	06	260	5140		376	204	
31	984	5006	26	512	072	5066	18	116	5099	14	162	5137	12	263	5199	09	376	230	05

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹
01	511	260	05	670	336	03	867	444	132	506	325	462	594	429	745	425	940	408
02	510	265	06	669	364	03	862	505	125	462	317	449	589	431	739	433	934	410
03	512	277	06	668	402		859	531	124	455	318	425	592	422	743	412	939	409
04	511	305	03	666	415		856	530	122	444	316	424	590	416	742	413	937	409
05	502	309	04	659	387		850	543	118	430	313	417	588	402	740	403	937	403
06	503	311	02	658	412		849	521	118	429	313	418	588	412	740	401	936	400
07	506	330	03	660	430		850	510	120	426	314	426	589	414	741	396	938	398
08	506	317	03	660	427		850	506	120	430	314	419	589	411	741	399	938	391
09	508	313	04	662	435		853	499	121	444	314	427	589	415	741	404	938	389
10	514	254	07	672	365	03	866	491	128	490	318	448	591	434	741	426	936	413
11	516	261	03	674	360	03	869	499										
12	511	281		668	392	01	859	509	124	477	316	445	589	426	740	412	936	397
13	513	300	04	670	379	02	863	521	126	451	318	444	591	437	742	418	938	397
14	510	299	02	666	395	01	858	499	127	445	321	426	593	436	744	424	939	408
15	510	277		668	369		862	501	127	448	320	430	593	446	743	433	937	419
16	504	291	05	660	400	01	850	520	119	438	313	421	588	402	739	416	935	409
17	508	282		665	388	02	857	529	118	463	311	429	586	404	739	401	934	410
18	503	348	03	656	446		844	529	110	459	303	421	579	394	732	394	929	394
19	501	353	03	653	447		841	539	105	457	298	419	575	401	727	394	925	384
20	507	354	03	659	454		847	556	111	456	304	420	580	397	733	385	931	359
21	506	344		659	444		847	541	112	454	306	417	582	408	734	391	932	384
22	508	328	03	662	419		851	550	114	463	306	431	581	414	734	391	931	388
23	517	333	03	671	425		859	561	122	456	314	447	587	412	739	405	935	397
24	526	231	10	686	339	04	882	480	138	560	325	464	596	424	747	416	943	402
25	524	249	05	682	372	02	876	490	134	515	323	469	595	422	746	402	943	399
26	524	235		683	378		874	533	132	515	321	467	593	427	744	424	940	411
27	517	268	06	674	376		866	531										
28	516	292	05	672	394	02	863	529	127	465	319	448	591	429	742	412	938	413
29	515	290	03	671	398	02	862	539	126	460	318	449	591	427	742	413	938	399
30	508	294		664	411		854	530	121	447	315	432	589	408	741	403	938	398
31	507	327	03	662	436		850	512	120	426	314	426	588	418	740	408	937	414

Results of Radiosonde Observations,
WILKES – Feb., 1960

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	977	004	22	518	066	5046	16	111	5082	14	158	5103	14	259	5175	09	374	228	06
02	978	021	33	517	068	5003	25	114	5038	24	161	5070	22	264	5125	16	383	155	11
03	984	046	58	512	073	5020	18	118	5060	15	166	5096	13	268	5138	07	385	220	06
04	979	010	25	516	068	5054	19	112	5080	16	159	5107	14	261	5148	10	377	197	04
05	987	025	25	510	075	5034	17	120	5070	14	167	5110	12	268	5196	09	381	265	05
06	986	021	26	510	073	5031	18	118	5067	15	165	5110	14	266	5186	10	380	220	05
07	983	017	28	513	071	5032	22	116	5066	21	164	5098	18	266	5127	15	382	207	09
08	983	017	34	513	072	5020	23	117	5054	22	164	5090	20	266	5153	15	382	210	09
09	985	023	33	511	074	5022	19	119	5057	17	166	5094	18	269	5114	12	386	165	06
10	982	006	24	514	070	5059	17	115	5096	16	161	5129	15	262	5152	14	377	217	09
11	978	013	30	516	068	5033	19	113	5070	16	160	5083	14	262	5146	06	377	237	05
12	981	007	28	515	070	5047	17	115	5079	17	161	5111	16	263	5146	15	378	226	08
13	971	5016	32	523	061	5058	25	106	5087	21	152	5118	17	263	5180	11	368	212	10
14	973	017	22	521	063	5031	14	108	5065	12	156	5105	12	257	5174	10	372	174	05
15	980	007	27	515	069	5049	20	113	5081	18	160	5108	16	262	5155	09	377	234	04
16	982	5015	25	514	070	5075	20	114	5107	18	161	5138	15	262	5174	11	375	241	06
17	984	5022	29	512	072	5084	15	116	5118	15	162	5125	15	264	5176	10	377	250	04
18	975	031	25	522	065	5060	13	109	5094	13	156	5122	11	257	5186	08	370	238	03
19	978	5022	21	517	066	5100	15	110	5097	15	157	5120	10	257	5165		372	220	
20	978	5032	22	516	067	5078	09	111	5110	09	157	5148	09	258	5173	04	372	220	
21	973	5037	22	521	062	5068	15	107	5087	11	154	5114	09	255	5171	05	369	171	
22	980	5039	24	515	068	5095	15	112	5127	14	158	5163	10	258	5212	07	371	247	03
23	985	5052	24	511	071	5096	19	115	5127	14	161	5164	11	261	5170	04	377	208	
24	977	5075	18	517	064	5105	11	108	5107	06	155	5111	07	255	5205	04	368	241	04
25	982	5050	16	513	069	5105	09	113	5125	06	159	5152	04	258	5200		372	242	
26	985	5059	13	518	072	5070	06	116	5096	13	163	5125	14	264	5193	04	377	276	05
27	983	5060	17	513	070	5069		114	5096		161	5124	10	262	5182	07	376	235	03
28	984	5069	15	510	070	5119	13	114	5155	11	159	5164	08	259	5187		373	260	
29	969	5057	19	524	059	5072	17	103	5092	17	150	5117	15	251	5178	10	365	238	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	506	307		661	416		851	515	119	437	312	425	586	418	737	421	932	426
02	517	240		677	336		872	496	134	514	323	460	594	448	744	421	939	418
03	517	272	02	674	375	01	867	503	130	477	320	453	591	448	742	426	937	412
04	510	279	02	667	394		858	532	123	469	315	434	589	427	740	416	936	402
05	510	333	03	664	441		852	520	118	460	310	448	582	425	733	421		
06	512	320	03	666	427		855	551	118	472	310	440	583	423	735	408	930	397
07	515	289	05	670	423		858	568	121	478	312	451	584	432	735	423	930	411
08	515	279	06	671	411		861	530	127	488	319	436	592	434	742	427	937	408
09	521	274	03	677	389	01	868	549	130	471	321	447	593	452	743	425	937	421
10	509	312	03	664	417		853	520	120	456	313	444	585	434	736	428	930	412
11	508	323	02	662	410		852	428	119	440	311	432	585	439	735	428	929	420
12	509	309	04	664	418		855	534	122	453	316	433	589	433	739	429	933	424
13	500	293	05	656	384	01	851	449	123	451	317	426	591	422	742	424	936	425
14	506	278	02	665	341		860	479	125	467	317	449	589	436	739	454	933	433
15	510	252		668	366		862	491	124	465	316	457	586	452	735	446	929	429
16	507	305	02	662	402		854	494	122	447	315	441	587	434	736	440	930	441
17	508	304	01	665	380		860	509	123	488	313	456	595	443	735	441	928	438
18	502	290		659	381		851	529	116	446	309	420	584	422	735	420	930	420
19	504	300		660	405		850	537	116	450	309	455	582	429	732	440	926	428
20	504	297		660	390		852	527	117	450	310	437	582	430	732	438	926	436
21	502	275		659	386		850	550	114	446	304	439	575	439	725	442	918	448
22	501	330	02	656	410		846	526	115	450	307	451	578	456	727	442	920	439
23	509	297	02	665	418		854	540	122	430	316	439	587	454	736	440	929	445
24	499	314	02	655	400		846	518	113	432	308	430	580	442	730	442	923	442
25	503	314	02	658	404		850	512	117	449	310	450	582	438	731	450	923	443
26	504	353	03	658	457		846	534	115	424	309	436	581	444	730	436	923	450
27	507	325		661	422		851	523	119	436	313	435	586	441	735	442	928	442
28	503	328		659	361		853	497	120	464	312	456	583	448	732	432	923	455
29	496	317	03	653	400	01	843	507	115	436	306	445	579	436	727	442	920	451

Results of Radiosonde Observations,
WILKES – Mar., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	dg/kg
01	970	5065	21	522	060	5065	23	109	5082	22	156	5104	20	259	5165	12	373	245	07
02	967	5010	27	525	058	5050	20	103	5079	20	150	5110	17	251	5184	10	364	268	05
03	957	5016	30	534	050	5056	19	095	5094	16	142	5137	13	243	5175	11	358	210	10
04																			
05	966	5030	17	527	057	5062	13	102	5096	12	148	5133	11	248	5210	08	361	276	05
06	967	5046	24	525	057	5087	18	102	5115	15	148	5147	12	248	5219	07	359	318	03
07	971	5066	15	522	060	5119	12	103	5140	10	149	5157	07	249	5225	06	361	250	03
08	968	5077	18	525	058	5110	13	101	5141	11	147	5175	09	246	5233	06	357	322	03
09	961	5110	10	530	051	5157	08	094	5196	06	139	5219	04	237	5203		351	228	
10	959	5140	06	531	050	5107	09	094	5126	06	140	5150	05	240	5197		353	254	
11	963	5156	08	528	052	5198	07	094	5205	06	139	5181	07	239	5224	05	351	286	02
12	967	5146	06	524	055	5197	06	098	5150	04	144	5151	07	244	5222	06	356	293	02
13	968	5130	07	523	057	5185	06	099	5207	04	144	5233	04	241	5242		353	289	
14																			
15																			
16	988	5185	04	508	071	5129		116	5134		162	5146		261	5207		374	253	
17	975	5079	14	518	063	5135	12	106	5138	09	151	5146	09	251	5197	07	364	276	04
18	983	5082	13	512	068	5146	10	112	5180	09	157	5217	07	256	5213		367	293	
19	998	5109	07	500	081	5126	09	124	5159	08	170	5151	07	270	5196		383	270	
20	993	5114	07	504	077	5098		121	5122		167	5140		268	5186		381	272	
21	982	5158	07	513	068	5121		111	5150		157	5175		256	5228		367	298	
22	971	5171	03	521	058	5162		101	5167		147	5194		245	5240		356	306	
23	976	5114	11	518	064	5095	14	107	5145	10	153	5159	10	253	5225		364	289	
24	967	5087	11	525	057	5072	15	102	5107	15	148	5144	13	248	5213	08	350	278	05
25	967	5072	19	522	060	5069		105	5103		151	5141		251	5223		362	313	
26	957	5122	12	532	049	5043		094	5071		141	5106		242	5167		356	266	
27	960	5107	11	530	050	5148	10	093	5184	09	139	5161	09	238	5234	05	350	291	
28	965	5056	22	527	056	5036	21	101	5059	17	149	5103	12	250	5194	07	362	283	03
29	971	5061	17	522	060	5108	12	104	5117	09	150	5134	07	251	5193	04	364	270	
30	971	5128	08	522	059	5147	10	102	5163	07	148	5156	05	249	5168		363	263	
31	968	5095	11	524	057	5124	11	101	5146	11	146	5146	13	247	5200	08	360	274	05

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS	80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C × 10⁻¹
01	504	327	03	658	422		848	539	113	459	304	462	574	461	722	464	914	445
02	494	336	03	647	433		838	480	107	464	298	468	567	455	716	433	908	450
03	491	287	05	647	400	02	838	529	103	460	295	457	565	466	713	470	905	452
04																		
05	491	340	02	644	443		832	514	103	414	298	427	570	443	720	444	913	445
06	487	352	02	640	436		829	549	110	447	289	439	561	450	710	457	901	456
07	491	344		644	430		836	506	104	461	295	455	567	453	716	450	908	447
08	485	345		638	437		826	548	093	440	286	447	557	454	706	459	897	466
09	483	284		641	367		838	445	106	478	296	471	566	437	714	496	904	443
10	483	323		638	421		827	512	098	416	293	434	565	450	714	455	905	460
11	479	364	01	630	473		820	472	092	418	287	434	559	449	708	452	900	456
12	484	366	01	636	462		823	510	094	430	287	439	558	458	706	477	896	478
13	481	377		632	478		819	490	090	454	280	486	552	445	701	455	892	468
14																		
15																		
16	505	320	03	660	400	02	851	527	111	498	299	498	565	506	711	508	898	518
17	493	351	02	646	443		835	540	101	462	292	468	561	484				
18	495	388		645	491		830	529	097	469	287	482	553	517	697	523	883	532
19	513	347		666	448		853	573	112	498	301	488	567	502	712	508	900	515
20	510	362		661	469		847	577	107	507	295	493	561	492	708	496	896	498
21	495	382		646	483		832	543	096	463	287	485	554	474	700	505	888	500
22	484	381		635	466		823	538	091	475	283	457	553	482	699	485	888	503
23	493	362		645	459		832	548	097	464	288	470	556	482	703	490	891	502
24	479	386	01	628	508		814	504	083	448	275	456	545	478	691	493	879	513
25	489	395		638	496		824	511	093	463	284	460	552	471	700	480	889	492
26	485	369		636	475		824	487	093	462	284	461	554	470	701	478	890	486
27	478	369		630	458		819	500	088	459	279	463	547	481	694	492	883	504
28	490	398	01	639	489		829	501	099	449	290	473						
29	493	347		645	469		833	536	099	465	291	457	560	478	707	483	896	490
30	492	355		645	422		835	470	105	449	296	470	563	516	708	494	897	516
31	488	364	02	639	483		828	448	100	443	292	463	563	503	710	491	898	513

Results of Radiosonde Observations,
WILKES – Apr., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg
01	980	5080	09	514	068	5078	10	112	5106	09	158	5136	07	259	5206	05	371	296	02
02	989	5056	20	508	075	5086	18	119	5115	15	165	5146	13	265	5218	08	377	300	04
03	985	5083	15	510	071	5128	10	114	5157	08	160	5163	10	259	5235	06	370	328	03
04	986	5097	11	510	072	5117	10	115	5137	09	161	5157	08	261	5227	04	372	315	03
05	984	5073	13	512	071	5097	13	115	5127	12	161	5163	12	260	5238	06	371	315	03
06	988	5098	11	508	073	5138	11	116	5140	12	162	5170	10	261	5243	06	371	332	03
07	987	5173	06	509	071	5118	07	115	5139	07	161	5176	05	259	5223	03	372	263	
08	978	5139	07	516	064	5137	12	107	5157	07	152	5154		253	5190		366	259	03
09	976	5162	07	517	062	5195	07	104	5230	06	149	5200	05	247	5237		359	262	
10	961	5194	05	529	050	5197	06	093	5197	05	138	5179		237	5216		350	256	
11	964	5168	07	526	053	5197	07	095	5165	07	141	5161	04	240	5220	03	352	280	
12	985	5143	09	510	069	5148	07	112	5182	07	157	5216	07	255	5247	03	368	250	
13	996	5133	11	502	080	5061	08	124	5085		171	5113		273	5143		388	163	
14	974	5078	20	519	063	5080	15	107	5113	12	154	5145	11	254	5184	09	368	234	05
15	975	5055	21	518	065	5046	10	109	5087	09	156	5132	08	256	5218	07	368	234	05
16	985	5078	18	511	071	5130	08	114	5104	10	161	5127	06	262	5202	05	374	234	04
17	977	5108	12	517	063	5157	09	106	5184	08	151	5158	04	252	5203	06	365	248	05
18	983	5099	14	512	068	5156	09	111	5188	08	157	5148	09	257	5179	07	371	245	04
19	995	5129	09	503	078	5111	05	121	5102	06	168	5107	05	270	5150	11	386	222	08
20	982	5117	15	513	068	5163	09	110	5160	09	156	5154	07	256	5210	05	368	287	02
21	981	5148	09	514	066	5193	07	108	5225	06	153	5190	08	252	5198		365	258	
22	980	5148	10	514	066	5168	09	108	5197	08	154	5203	08	251	5265	05	362	294	02
23	983	5117	13	512	068	5172	09	111	5210	07	155	5250	05	252	5247	05	363	312	01
24	989	5152	08	507	073	5175	04	115	5213	04	159	5253	04	256	5233	02	367	303	
25	984	5070	15	511	070	5104	11	114	5144	09	160	5168	10	259	5249	05	368	347	02
26	988	5166	07	508	073	5113	05	116	5145		162	5178		261	5250	03	371	344	02
27	985	5164	08	510	069	5170	09	112	5193	08	157	5206	07	255	5258	05	365	341	02
28	988	5187	06	508	072	5159	07	115	5191	06	160	5199	06	258	5259		368	332	
29	989	5146	10	508	073	5171	09	115	5207	07	160	5243	05	257	5252	03	368	322	
30	977	5263	01	515	061	5209	04	104	5191	05	149	5211	04	247	5234		359	258	

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	498	388		648	488		835	504	105	437	297	456	566	474	713	491	903	490
02	504	397	02	653	508		839	488	109	458	300	465	569	473	716	490	905	495
03	496	400	01	647	462		836	497	104	465	295	454	565	475	711	503	899	508
04	498	409		648	496		833	537	099	475	288	483	555	494	701	507	887	523
05	496	404		647	505		832	530	098	473	288	481	555	504	700	512	887	521
06	498	406		647	494		834	508	100	481	289	493	554	514	698	530	883	537
07	503	315		658	417		847	545	109	481	299	476	565	500	711	507	897	541
08	496	331	03	649	456		838	493	104	501	291	508	555	502	699	527	885	538
09	490	292		647	388	01	839	508	107	463	298	493	562	518	707	537	890	562
10	481	301		637	400		830	469	101	446	292	467	560	498	705	524	890	558
11	481	358		634	431		826	467	109	466	284	501	548	515	692	546	876	555
12	498	352		650	435		839	497	105	482	293	514	555	542	698	557	881	564
13	522	260	06	682	346	02	877	505	132	573	315	562	572	564	713	579	895	574
14	499	324	02	653	450		840	543	104	486	302	493	567	507	712	515	898	539
15	499	325	03	653	439		840	590	097	517	284	513	547	523	691	527	877	530
16	504	347	02	657	437		845	582	098	554	282	546	542	538	686	537	870	551
17	496	313	03	651	425		839	567	093	553	278	532	539	532	683	533	868	535
18	501	345	02	654	445		841	542	101	533	287	530	547	541	717	542	902	542
19	518	304	04	673	406		863	557	118	548	303	529	563	548	706	540	891	560
20	496	381		647	477		832	550	095	495	284	507	546	540	689	539	873	556
21	495	344		648	455		835	571	096	510	284	489	550	500	695	511	882	524
22	491	383		641	476		827	553	090	500	279	478	544	502	690	512	876	530
23	491	382		642	469		829	540	093	482	283	490	550	485	697	487	885	506
24	495	375		647	445		835	527	102	464	292	474	559	505	704	513	891	523
25	494	400	02	644	484		829	569	093	470	284	468	551	504	697	501	884	525
26	496	437		643	548		824	579	085	503	273	508	536	528	681	523	866	532
27	490	449		636	537		819	557	081	513	267	539	528	546	670	557	853	570
28	494	401		644	471		831	552	090	534	275	550	533	576	673	589	853	608
29	496	363		648	429		839	516	102	507	288	532	547	562	688	574	869	590
30	490	304		646	400		839	509	104	485	292	508	553	560	695	571	876	592

Results of Radiosonde Observations,
WILKES – May., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg
01	984	5222	04	510	065	5267	04	106	5291	03	151	5261	04	248	5235		360	277	
02	996	5196	05	502	076	5235	05	118	5211	06	163	5192	06	262	5203	06	375	283	
03	002	5242	05	002	081	5120		125	5143		171	5163		271	5186		384	271	
04																			
05	979	5084	12	516	067	5103	14	111	5137	11	156	5168	10	255	5237	06	367	302	
06	989	5118	12	507	073	5142	13	116	5162	11	162	5180	10	261	5237	06	372	329	
07	993	5121	12	504	076	5167	09	119	5198	08	164	5189	08	263	5206	02	376	259	
08	983	5179	07	512	067	5214	06	109	5192	07	154	5187	04	253	5225		365	274	
09	992	5214	04	505	073	5230	04	115	5256	04	159	5218	03	257	5230		369	293	
10	001	5269	03	002	079	5220	03	121	5234	03	166	5217		264	5233		376	310	
11	996	5228	04	502	077	5163		120	5177		165	5160		265	5220		377	241	
12	971	5109	14	522	060	5090	15	104	5123	13	150	5160	11	251	5149	14	366	227	08
13	972	5051	21	522	062	5010	20	107	5047	38	154	5086	17	257	5167	12	370	250	07
14	983	5040	26	523	070	5073	21	115	5103	18	161	5118	17	262	5187	09	375	280	04
15	987	5078	17	509	073	5087	16	117	5115	13	164	5146	12	263	5217	07	375	279	05
16	965	5137	10	526	054	5150	10	097	5160	10	143	5141	06	244	5195		356	277	
17	961	5188	07	528	050	5225	06	091	5241	05	136	5215	07	234	5234		346	297	
18	978	5191	07	515	063	5202	06	105	5217	06	150	5235	06	249	5230		360	287	
19	981	5228	03	513	065	5140	04	108	5158	03	154	5162		254	5192		368	247	
20	977	5162	08	517	062	5188	06	105	5180	09	150	5188	09	250	5211	08	363	256	06
21	983	5187	07	512	067	5182	07	110	5177	08	156	5170	10	255	5232	06	365	326	03
22	977	5223	04	516	061	5231	04	103	5232	03	149	5194	04	247	5230		359	280	
23	978	5159	09	515	064	5157	06	107	5190	07	152	5194	08	252	5195	10	365	259	06
24	985	5119	10	510	070	5120	10	113	5141	10	160	5143	12	260	5216	08	372	304	04
25	974	5101	14	519	062	5124	08	105	5157	07	151	5177	07	250	5225	06	362	286	02
26	984	5106	14	511	070	5146	10	113	5176	10	158	5207	07	256	5254	05	367	302	04
27	001	5191	06	002	081	5153	10	124	5177	07	170	5184	05	268	5247	04	379	296	
28	991	5104	14	506	075	5121	09	119	5151	08	164	5190	07	263	5222	07	375	267	05
29	981	5171	08	513	067	5147	09	110	5164	08	155	5183	08	254	5239	06	366	270	04
30	976	5174	08	517	062	5196	07	104	5228	06	149	5208	07	247	5234		359	283	02
31	980	5204	06	514	064	5232	05	106	5251	05	149	5289	04	246	5253	05	357	323	03

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹
01	490	319		645	417		837	484	106	474	294	497	559	534	702	547	885	578
02	503	365		655	460		845	512	109	483	297	494	561	521	706	528	890	561
03	513	384		663	508		849	515	112	520	299	527	559	535	702	552	886	562
04																		
05	494	400	01	644	461		833	474	100	494	288	515	549	564	691	582	871	603
06	498	407		649	456		837	507	102	510	289	519	549	569	690	582		
07	506	342		659	424		849	540	108	520	295	518	556	537	698	562	880	594
08	494	349	01	647	465		833	558	093	513	280	505	543	542	686	562	868	586
09	496	401		645	516		828	586	086	531	272	528	533	538	676	553	860	553
10	503	400	01	652	500		835	597	092	546	275	568	530	584	671	589	851	595
11	509	301	04	665	400	02	856	540	106	664	283	627	533	635	670	630	847	624
12	497	337	03	649	475		834	600	089	563	271	569	528	578	669	588	849	601
13	500	357	02	651	490		835	600	090	563	273	554	531	575	671	604		
14	504	377	01	654	475		840	578	097	548	281	549	538	586	678	598	856	627
15	504	380	02	654	506		839	579	095	567	278	564	533	588	672	600	852	613
16	485	373		656	475		822	547	083	531	268	552	526	565	667	579	848	597
17	474	381		624	476		812	524	075	500	253	518	524	556	667	561	848	577
18	489	356		642	440		830	554	090	523	276	530	536	561	678	571	859	597
19	498	320	03	652	427		840	546	101	537	285	568	540	597	679	617	857	627
20	493	321	04	649	400	01	840	532	099	528	284	550	543	575	683	602	862	626
21	491	427		639	515		825	509	091	500	277	540	536	564	677	590	856	611
22	488	358		639	477		826	555	085	534	270	552	526	598	664	622	842	628
23	497	335	03	649	422		837	591	092	535	277	547	534	586	674	611		
24	498	405		648	485		833	567	092	534	277	552	533	594	673	612	850	682
25	490	386	02	641	459		828	547	087	548	271	555	527	590	666	610	844	638
26	495	401		644	486		831	540	088	584	269	594	522	615	660	629	837	648
27	509	298		666	378		859	506	113	642	291	608	543	620	681	633	857	652
28	505	353	02	657	444		845	556	101	568	283	595	536	607	674	627	850	654
29	495	355	02	647	465		833	575	086	584	266	598	519	616	656	635	832	609
30	487	367	01	640	434		827	596	077	608	257	594	508	632	645	639	821	654
31	483	398	02	633	501		816	579	072	570	254	590	505	539	642	660	815	673

Results of Radiosonde Observations,
WILKES – Jun., 1960

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	989	5224	04	507	070	5244	03	112	5248	03	156	5227	05	254	5213	04	366	293	03
02	977	5111	14	517	065	5103	10	109	5139	10	154	5176	09	253	5230	06	365	296	04
03	977	5085	14	517	065	5109	12	108	5138	11	154	5167	10	253	5233	07	364	322	03
04	972	5168	08	520	060	5119	11	104	5132	10	149	5167	07	249	5224	03	360	309	
05	985	5264	04	510	068	5200	06	111	5189	06	156	5193	05	254	5250	03	365	310	
06	993	5262	03	504	074	5175		117	5166		163	5191		261	5221		373	313	
07	972	5236	04	520	057	5240	05	099	5223	03	145	5220		242	5238		353	295	
08	972	5253	03	520	059	5267	03	100	5290	03	144	5289	03	240	5276	03	350	322	
09	974	5252	03	518	058	5304	02	099	5280	03	143	5215		241	5241		352	290	
10	986	5115	13	510	072	5098	06	116	5134	05	161	5172	05	260	5253	04	370	321	02
11	981	5076	19	514	068	5100	16	112	5123	15	158	5153	12	258	5221	07	369	305	03
12	976	5171	07	517	062	5157	09	105	5155	07	151	5166	07	251	5219	04	362	307	
13	986	5124	09	510	071	5140	05	115	5170	04	160	5188		258	5241		370	306	02
14	975	5067	13	519	063	5111	09	107	5151	08	152	5161	08	252	5227	07	363	303	04
15	988	5095	13	508	073	5130	11	116	5153	11	162	5178	11	261	5235	06	372	296	03
16	983	5135	09	512	069	5108	11	113	5138	10	159	5169	10	258	5232	06	369	294	03
17	987	5113	13	509	072	5130	13	115	5152	12	161	5180	09	259	5239	06	370	323	03
18	986	5234	04	509	070	5072		114	5088		162	5117		263	5183		376	250	
19	985	5213	05	510	069	5148	05	113	5147	10	158	5170	09	258	5212		370	275	
20																			
21	972	5086	14	521	054	5119	14	097	5144	12	143	5164	11	242	5210	08	355	277	05
22	005	5183	07	005	084	5196	07	126	5210	07	171	5201	09	269	5234	02	380	312	
23	000	5251	03	001	079	5193	06	122	5182	03	167	5181		266	5240		377	292	
24	993	5246	03	504	073	5258	04	114	5265	04	159	5204	03	257	5214		369	290	
25	991	5237	04	505	071	5271	03	112	5300	03	156	5212	05	255	5226		368	276	
26	998	5269	03	500	077	5228	05	119	5183		164	5197		263	5231		374	318	
27	993	5252	03	504	075	5164	08	118	5153		164	5167		263	5210		376	261	
28	994	5119	10	504	078	5110	11	121	5148	10	167	5168	10	268	5163	11	382	226	07
29	972	5050	22	522	061	5078	20	105	5094	19	152	5123	16	253	5188	10	366	258	06
30	981	5064	19	514	068	5110	16	112	5131	14	158	5156	12	257	5205	07	370	283	05

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹
01	494	391	01	643	509		826	599	078	613	257	614	507	634	643	647	818	663
02	492	405		640	521		823	606	078	565	261	577	515	588	655	607	833	630
03	490	420		638	515		820	594	076	576	257	578	511	605	650	618	827	633
04	487	399		636	514		818	620	071	583	252	582	506	601	645	613	823	627
05	492	401		641	501		825	594	074	626	252	627	501	651	636	663	810	678
06	500	401		649	496		835	583	084	620	263	616	512	647	648	653	821	700
07	481	386		632	455		818	593	063	678	236	680	478	708	610	718	779	733
08	476	399		626	500		809	609	057	634	233	658	477	692	609	719	778	744
09	481	369		632	468		817	602	068	618	246	627	492	670	625	706	794	736
10	497	400	01	646	526		827	609	078	631	255	633	502	683	635	710	805	735
11	496	406		645	510		828	590	076	652	253	645	499	682	632	700	802	726
12	489	413		637	506		821	596	074	593	254	609	504	628	641	649	815	675
13	497	394	02	646	510		827	625	081	574	263	569	518	610	656	625	833	643
14	490	403		639	520		823	564	086	501	273	507	536	536	679	567	861	592
15	501	348		654	439		841	577	093	554	278	530	540	534	682	563	864	578
16	499	348	03	651	463		836	603	089	566	272	536	532	538	674	574	856	590
17	496	428		644	504		827	592	078	621	257	620	507	607	646	605	825	602
18	506	349		658	482		836	587	083	658	259	628	507	665	642	659	816	669
19	500	369		651	480		835	592	083	669	256	684	498	715	629	732	797	735
20																		
21	483	377	02	634	468		818	601	074	564	257	575	510	624	647	642	823	651
22	508	375		659	475		844	588	095	604	274	618	525	623	662	641	837	666
23	506	363		657	479		841	604	091	614	270	613	519	650	654	673	827	705
24	498	375		648	482		833	574	085	614	263	629	510	673	644	696	815	723
25	496	367		648	443		837	562	087	640	263	646	509	672	643	687	814	722
26	501	404		650	489		835	594	086	625	264	637	509	711	640	745	806	761
27	507	326		661	405		852	565	097	752	266	719	503	761	631	770	796	782
28	514	288	04	674	334	04	869	495	121	721	288	759	524	738	654	771	817	798
29	497	312	04	652	406		839	582	092	619	268	643	515	683	648	706	817	735
30	499	360	03	651	459		838	552	095	554	278	562	533	590	672	619	849	654

Results of Radiosonde Observations,
WILKES – Jul., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg
01	975	5139	08	518	062	5167	06	105	5205	05	149	5241	05	246	5258	05	358	268	05
02	978	5146	09	516	065	5153	10	108	5182	08	153	5212	06	250	5280	04	361	290	03
03	979	5191	07	514	063	5233	04	105	5248	04	150	5217	06	247	5294	03	355	358	
04	978	5233	04	515	061	5285	03	102	5283	03	146	5282	03	241	5316	02	349	372	01
05	977	5293	03	515	060	5295	03	101	5313	02	144	5313	02	239	5304		347	367	
06	984	5274	03	510	065	5280	02	106	5298	03	150	5274	03	246	5273		356	346	02
07	980	5318	01	513	063	5263	03	104	5270	03	147	5292	02	243	5287		352	357	
08	973	5291	02	518	057	5279	03	098	5295	03	141	5312	03	236	5308		344	364	
09	959	5302	02	529	047	5304	02	088	5252	03	132	5238	03	229	5292		338	350	
10	975	5321	01	517	058	5288	02	099	5276	02	143	5266	02	239	5276		349	336	
11	001	5306	01	002	077	5287	02	119	5197	03	164	5182	05	262	5238	06	374	288	04
12																			
13	999	5163	09	001	079	5210	06	121	5234	05	165	5260	04	261	5288	04	371	337	03
14	997	5227	05	501	078	5164	05	121	5187	03	166	5192	03	265	5232	02	377	296	
15	992	5204	04	505	074	5188	05	116	5166	05	162	5174	04	261	5230	05	373	298	02
16	982	5245	02	512	065	5226	02	107	5215	03	152	5187	03	251	5237		362	310	
17	983	5331	01	511	065	5262	02	106	5270	02	150	5274		247	5265		357	339	
18	989	5345	01	507	068	5310	02	108	5334	01	151	5309	01	247	5297		355	365	
19	977	5319	01	515	059	5331	01	100	5310	01	143	5287	01	238	5322		345	377	
20	991	5366	01	505	070	5296	01	111	5284		154	5296		250	5309		358	374	
21	986	5219	04	510	069	5188	06	111	5213	05	156	5227	05	253	5271	05	363	349	
22	979	5263	02	514	062	5284	03	103	5250	04	148	5215	03	245	5284	02	353	373	02
23	987	5302	02	508	068	5232	03	110	5246	02	154	5249	02	251	5272		361	337	
24	984	5253	02	511	069	5158	05	111	5149	07	158	5185	07	256	5247	06	368	267	
25																			
26	986	5082	17	510	072	5113	14	115	5139	11	161	5165	10	261	5223	07	372	300	04
27	998	5087	13	500	081	5106	06	125	5123	05	171	5132	05	272	5217	05	384	253	06
28	992	5067	21	505	076	5114	15	120	5138	12	166	5155	11	267	5152	13	382	225	08
29	004	5099	13	004	085	5137	11	128	5133	12	175	5111	17	277	5119	18	394	173	13
30	994	5109	14	504	078	5079	17	122	5098	18	169	5095	20	271	5153		386	233	
31																			

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹
01	488	356	03	640	466		826	564	082	570	264	577	518	602	657	629	832	663
02	489	376	02	640	435		828	552	083	590	264	594	516	641	652	653	826	680
03	480	463		626	516		810	575	065	587	244	614	493	666	627	690	797	724
04	473	456		620	525		803	585	058	593	237	625	484	667	619	688	790	718
05	472	430		620	506		805	565	060	588	240	620	488	668	622	691	793	722
06	481	427		628	553		808	622	056	644	231	675	473	719	604	732	772	749
07	477	423		625	525		807	608	055	653	228	688	468	733	599	736	767	752
08	468	461		614	527		798	575	051	616	228	659	471	706	603	723	770	765
09	463	432		611	494		796	577	050	594	228	632	475	676	608	726	777	744
10	475	410		624	501		808	595	061	610	240	630	486	684	619	704	789	737
11	503	356	02	654	481		838	605	086	648	262	637	510	682	643	702	813	723
12																		
13	497	416		645	511		829	589	081	618	258	653	503	678	636	713	806	744
14	504	389		655	467		841	596	087	686	258	705	497	735	627	735	795	759
15	501	380		651	493		834	621	079	698	250	710	488	749	618	764	783	784
16	489	398		638	506		820	640	065	673	238	680	479	727	609	747	775	771
17	482	422		630	526		811	656	053	712	223	717	460	747	589	714	754	787
18	479	446		626	545		805	653	047	709	217	727	453	775	580	738	743	803
19	469	445		616	533		798	615	045	666	217	716	453	764	582	764	747	786
20	482	459		627	546		809	612	055	678	227	715	463	765	591	766	755	791
21	488	437		635	528		818	598	065	683	236	723	473	746	602	770	766	802
22	477	456		625	487		809	616	056	668	229	694	468	747	597	768	761	796
23	487	393		637	483		821	610	065	724	234	729	470	759	598	777	762	792
24	498	334	02	652	433		839	584	082	739	251	710	491	733	621	744	788	758
25																		
26	500	394	02	650	482		836	561	089	603	268	607	520	613	658	638	833	670
27	515	332	03	669	436		857	561	107	646	283	632	534	633	671	646	846	661
28	514	315	04	669	431		856	583	105	652	282	620	532	643	687	661	862	669
29	528	265	07	686	400	02	876	550	122	756	231	698	532	680	666	683	840	673
30	517	322	04	673	415		861	576	106	736	276	697	517	694				
31																		

Results of Radiosonde Observations,
WILKES – Aug., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	−°C × 10⁻¹	dg/kg
01	988	5159	08	508	072	5134	04	115	5145	07	161	5177	07	260	5259	05	370	324	03
02	991	5206	05	505	074	5125	07	118	5134		164	5150		264	5202		377	245	05
03																			
04	974	5116	13	519	062	5118	15	105	5137	14	151	5136	15	252	5207	08	364	294	04
05	978	5096	15	516	065	5140	10	108	5170	10	156	5198	08	254	5236	06	366	304	03
06	974	5151	10	518	063	5102	10	107	5134	09	153	5157	08	253	5212	05	364	304	03
07																			
08																			
09																			
10																			
11	994	5111	09	503	077	5128		120	5156		166	5159		266	5208		378	275	
12	993	5174	07	504	075	5217	03	116	5253		160	5291	03	257	5244	02	368	300	
13	991	5194	05	506	073	5219	04	115	5240		159	5263	04	256	5262		366	332	
14	998	5206	04	500	078	5208	04	120	5234		164	5258	03	260	5293	03	370	344	02
15	986	5123	11	510	074	5150	07	114	5180		159	5223	05	256	5268	03	365	350	01
16	974	5077	18	519	062	5117	16	106	5144		151	5170	11	251	5226	07	362	290	04
17	979	5168	08	515	064	5197	07	107	5180		152	5187	09	250	5240	03	362	296	
18	986	5094	18	510	071	5130	11	115	5163		160	5196	08	258	5251	05	369	283	04
19	971	5111	11	521	060	5104	11	104	5148		150	5149	10	249	5206	08	362	278	03
20	979	5070	20	515	067	5095	18	111	5108		157	5138	14	257	5210	08	369	295	04
21	978	5133	12	516	065	5140	10	108	5133		154	5148	04	254	5215		366	291	
22	968	5175	07	524	056	5187	06	098	5194		143	5215	04	242	5213	04	354	285	
23	975	5176	08	518	061	5186	07	104	5215		148	5246	05	244	5274	04	354	326	02
24	982	5233	04	512	066	5210	05	108	5216		153	5232	03	251	5234		363	281	
25	971	5181	07	521	059	5162	08	101	5183		146	5217	06	245	5222	07	356	300	04
26	965	5094	16	527	055	5106	10	099	5141		145	5178	08	243	5214	08	356	288	04
27	976	5144	06	517	062	5166	08	105	5187		150	5194	08	249	5238	03	360	327	01
28	975	5164	09	518	062	5160	08	105	5178		150	5186	08	248	5253	05	359	325	03
29	977	5181	06	516	063	5184	08	105	5155		151	5172	04	250	5244	03	360	324	02
30	987	5184	07	508	070	5226	05	112	5210		157	5175	06	256	5229	02	368	283	
31	990	5162	06	506	073	5136		117	5140		163	5178		262	5202	08	375	240	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	496	417		644	527		826	610	074	678	245	713	482	751	611	761	777	775
02	508	306	04	664	408		853	567	098	746	265	769	497	741	627	760	792	784
03																		
04	491	397	02	640	506		823	629	068	672	241	679	482	728	612	752	778	766
05	494	361	02	645	469		830	603	076	688	247	716	486	727	617	736	785	747
06	491	399	01	641	495		824	611	072	663	244	694	485	719	616	728	785	732
07																		
08																		
09																		
10																		
11	508	353		660	460		847	569	093	738	263	702	501	743	630	763	796	763
12	496	400		647	450		833	585	079	697	250	710	487	748	618	729	786	741
13	491	423		639	529		822	594	072	658	244	672	488	698	620	719	790	719
14	495	430		642	521		825	590	079	594	258	619	505	680	638	714	807	740
15	490	418		639	510		821	602	070	669	242	701	482	724	613	732	781	740
16	491	362	02	642	488		825	622	069	709	239	727	474	764	602	774	766	784
17	490	387		640	481		826	570	076	650	249	688	488	728	619	739	786	751
18	498	365	02	649	476		833	618	076	708	246	724	483	748	612	753	779	758
19	490	389	02	640	504		822	632	067	693	238	712	477	716	608	730	776	737
20	497	388	02	647	484		830	635	073	690	245	693	487	703	619	707	789	714
21	494	390		643	501		826	622	070	702	240	717	479	737	609	739	777	741
22	482	380		632	500		815	627	060	708	229	734	465	751	595	754	761	759
23	481	405		630	502		813	593	064	650	239	670	480	732	611	732	779	742
24	491	360		643	478		828	594	074	710	246	683	488	695	620	707	790	717
25	483	400	02	633	489		817	609	064	696	235	709	475	712	607	722	776	733
26	484	383	02	633	506		815	649	061	686	229	728	468	730				
27	486	424		634	527		816	615	062	694								
28	486	394	01	635	502		817	621	064	671	237	687	479	710	610	727	778	747
29	487	411		635	525		818	584	069	656	242	686	483	730	613	735	781	743
30	496	358		650	438		838	573	082	741	250	747						
31	507	279	06	665	372	03	857	542	102	760	266	796	498	767	626	758		

Results of Radiosonde Observations,
WILKES – Sep., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg
01																			
02																			
03	974	5060	19	519	063	5075	17	107	5109	15	154	5146	13	253	5226	07	364	317	03
04	976	5155	08	517	062	5154	11	106	5132	11	152	5157	06	251	5222		363	300	
05	958	5111	15	532	049	5103	14	093	5115	13	139	5146	10	240	5214	07	351	289	03
06	972	5192	07	520	058	5217	05	105	5197	03	146	5183	04	245	5222		357	279	
07	970	5182	06	521	057	5204	05	099	5237	04	143	5266	04	241	5243	03	352	305	03
08	976	5202	06	517	059	5260	04	100	5260	04	145	5234	03	242	5259		353	316	
09	982	5243	02	512	065	5270	03	105	5307	03	150	5226	04	247	5250	02	358	328	
10	982	5264	02	513	064	5293	02	105	5323	02	148	5279	03	244	5263		355	295	
11	961	5199	06	528	050	5213	06	092	5233	05	136	5225	06	233	5266	05	343	328	03
12	968	5198	06	523	055	5234	05	096	5262	04	140	5261	04	236	5292	02	346	325	
13	989	5184	06	507	071	5236	04	112	5253	04	157	5220	04	255	5239		366	277	
14	979	5093	14	515	066	5126	13	110	5143	13	155	5169	10	255	5213	08	367	273	05
15	985	5116	11	510	070	5144	11	113	5160	11	159	5178	09	259	5166	04	374	224	06
16	958	5051	24	533	050	5083	17	094	5120	15	141	5153	12	240	5226	06	351	310	03
17	968	5073	20	524	057	5120	14	101	5154	11	146	5188	09	245	5241	06	356	307	03
18	969	5142	09	523	057	5150	10	101	5166	10	146	5197	06	243	5282	04	353	339	02
19	974	5137	11	519	061	5180	08	103	5198	05	148	5224	04	245	5274	03	355	321	
20	973	5192	06	519	059	5213	06	101	5203	05	146	5220	03	244	5242	02	355	288	
21	976	5140	09	518	063	5167	07	105	5200	07	150	5230	06	247	5252	05	358	317	03
22	993	5166	07	504	074	5211	06	116	5230	06	161	5208	07	250	5239	03	370	321	
23	974	5156	08	519	061	5128	05	105	5156	07	150	5182	07	249	5227	06	361	293	04
24	961	5163	09	529	050	5194	07	093	5195	07	138	5193	07	237	5219	04	349	284	
25	969	5153	08	523	057	5155	07	099	5163	06	145	5163	05	245	5222	03	356	303	02
26	969	5175	07	523	056	5215	05	098	5165	07	144	5180	04	243	5232		354	314	
27	970	5084	14	522	059	5120	12	102	5144	11	148	5167	10	248	5200	07	361	293	03
28	961	5051	21	530	052	5083	14	097	5116	12	143	5150	11	242	5222	07	354	298	03
29	960	5049	22	531	052	5040	15	096	5097	11	143	5136	09	243	5219	06	354	314	03
30	964	5081	15	528	054	5114	15	098	5142	13	143	5172	10	243	5217	09	354	298	04

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹	gpDm	°C ×10⁻¹
01																		
02																		
03	491	420		638	535		818	613	069	637	244	667	489	673				
04	491	392		641	478		827	574	080	661	253	642	499	664	635	643	810	640
05	481	347	02	633	458		822	536	079	599	260	599						
06	486	363		639	443		826	574	075	672	249	656	495	640	631	652	806	658
07	479	400	01	629	506		811	643	053	714	223	712	462	692	596	880	769	674
08	479	483		626	550		804	674	044	745	211	744	450	725	580	730	749	718
09	483	416		633	547		814	626	057	698	228	710	468	720	599	723	768	723
10	484	365		635	473		820	603	066	683	238	692	478	718	609	730	779	706
11	470	386	01	621	468		807	582	056	668	229	688	470	716	601	722	771	722
12	474	358		626	473		810	616	055	696	226	724	463	730	594	725	764	717
13	496	330	02	650	425		838	569	085	717	256	696	496	715	628	710	799	705
14	497	318	03	653	407		842	549	097	611	274	644	520	681	654	635	826	689
15	506	305	03	660	419		849	572	098	653	273	670	517	680	651	694	822	692
16	478	406		627	501		811	584	063	630	239	648	484	695	616	712	785	734
17	483	404		632	513		814	628	061	663	234	683	476	693	609	693	781	693
18	478	420		627	497		811	606	057	679	228	718	468	708	600	713	769	718
19	482	400		632	492		814	633	058	708	227	739	463	740	594	731		
20	484	370		635	476		819	615	061	761	228	743						
21	484	418		633	526		814	648	056	713	225	728	463	736	594	732	763	724
22	496	418		644	512		821	660	061	744	226	766	460	756	590	748	757	735
23	489	365	02	640	482		823	617	068	687	240	697	479	734	610	729	779	722
24	476	402		626	479		812	587	059	662	233	660	477	671	613	642	790	621
25	484	384	01	634	474		820	600	064	707	234	704	477	676	612	665	787	651
26	481	403		631	501		814	618	062	671	235	692	479	655	615	648	791	644
27	488	389	02	638	475		824	590	075	639	251	654	497	675	631	685	803	690
28	482	386	02	631	515		813	614	059	692	232	693	475	680	608	692	780	682
29	480	423		627	557		806	607	053	684	225	714	464	704	597	688	770	678
30	482	390	02	631	504		813	639	055	730	223	736						

Results of Radiosonde Observations,
WILKES – Oct., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg
01	975	5081	15	519	063	5106	10	107	5142	10	153	5180	09	251	5246	08	362	306	04
02	979	5107	12	515	066	5137	12	109	5173	09	154	5184	08	252	5261	04	362	331	02
03	975	5112	12	519	062	5107	07	106	5124	04	152	5157		252	5224	03	363	300	02
04	979	5141	09	515	065	5183	08	107	5216	06	151	5227	06	249	5247	04	360	314	01
05	991	5128	08	506	074	5185	07	116	5224	06	160	5247	05	258	5263	04	368	341	
06	984	5098	19	511	070	5149	10	113	5178	09	158	5200	08	256	5232	06	367	294	03
07	987	5101	15	509	071	5163	09	114	5198	08	159	5222	06	257	5240	03	368	301	03
08	998	5056	19	501	081	5131	11	124	5148	11	170	5168	10	269	5236	06	380	304	03
09	000	5107	13	001	083	5115	09	126	5144	07	172	5173	06	271	5230	03	382	293	02
10	994	5074	18	503	080	5104	13	124	5135	12	169	5167	10	269	5212	08	381	259	06
11																			
12																			
13	960	5048	23	531	052	5087	17	096	5107	16	142	5130	15	243	5195	10	356	258	05
14	970	5044	20	523	060	5082	12	104	5134	10	150	5174	08	249	5217	07	361	259	05
15	974	5068	19	519	062	5117	11	106	5144	10	152	5157	10	252	5215	07	363	289	04
16	978	5092	13	516	064	5141	12	108	5162	11	153	5167	11	253	5227	07	364	297	03
17	975	5100	13	519	063	5111	11	106	5138	10	152	5168	10	251	5242	05	361	332	09
18	970	5045	15	523	059	5097	09	103	5130	08	149	5165	08	243	5234	05	354	294	04
19	986	5122	08	511	069	5220	05	111	5252	04	155	5252	05	253	5246	03	364	312	02
20	982	5137	06	512	067	5209	05	109	5243	05	153	5187	04	252	5220		364	287	
21	984	5159	07	511	068	5185	05	111	5130		157	5124		259	5196	05	372	269	04
22	980	5117	09	515	066	5163	03	109	5192	03	154	5182		253	5212	03	365	294	04
23	980	5091	13	514	066	5143	06	109	5161	03	155	5189	05	253	5239	05	365	295	04
24	980	5081	12	514	067	5130	08	110	5162	07	151	5196	07	249	5237	05	361	294	03
25	978	5082	15	517	064	5146	10	107	5174	08	152	5180	08	252	5207	03	364	267	
26	974	5128	10	519	061	5128	08	103	5196	07	148	5192	05	247	5218		359	291	
27	986	5121	08	509	070	5187	06	112	5227	05	157	5227	06	255	5239		366	292	
28	990	5109	08	506	073	5184	05	115	5219	05	160	5258	04	256	5282	03	365	342	
29																			
30																			
31																			

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹	gpDm	°C × 10⁻¹
01	489	393	02	638	515		819	641	064	689	236	703	478	678	612	674	786	668
02	488	413		637	516		819	619	066	672	239	676	483	684	617	670	792	654
03	490	406		639	524		819	635	066	662	241	648	490	617	623	608	808	598
04	487	408		635	516		818	608	068	642	244	644	494	593	634	579	817	543
05	493	424		641	526		822	612	071	658	246	655	495	612	634	598	816	557
06	495	382		645	468		829	630	074	682	248	659	496	610	635	594	816	574
07	495	387	02	646	459		832	595	078	665	254	651	505	575	645	540	831	500
08	508	400	01	657	495		840	612	088	653	264	621	519	556	662	526	849	486
09	510	372	02	662	469		846	617	090	692	262	683	511	596	651	569	835	535
10	511	338	03	664	452		850	600	094	683	267	688	509	693	644	656	821	610
11																		
12																		
13	485	367	02	636	489		818	629	063	685	234	699	476	682	611	674	784	663
14	491	366	02	642	474		825	621	071	677	245	672	490	649	626	646	802	645
15	492	374	02	642	495		826	614	074	656	248	660	495	641	632	636	809	627
16	492	395	01	642	496		825	603	074	648	250	647	499	613	638	605	819	576
17	489	386	01	643	420		832	573	079	668	254	630	507	522	649	558	833	528
18	484	319	02	637	432		824	589	070	678	245	626	500	544	644	496	836	432
19	491	398	01	640	494		822	566	070	669	244	654	493	605	633	573	817	523
20	492	377		643	472		828	585	076	685	249	675	494	637	631	624	810	602
21	501	358	02	652	477		836	601	080	696	251	689	495	660	631	636	807	624
22	493	394	02	642	488		827	600	075	666	249	665	495	645	632	634	809	619
23	493	385	02	643	494		827	588	078	640	253	650	503	615	642	600	822	595
24	489	388	01	639	484		824	571	077	615	254	612	509	549	653	512	842	460
25	493	353		646	449		833	576	085	592	266	570	526	504	674	444	870	373
26	487	370		639	454		827	544	082	578	265	539	531	451	681	404	879	358
27	494	378		644	499		828	581	080	600	257	549	523	455	673	393	873	330
28	491	406		642	458		829	555	085	572	268	568	532	459	682	405	880	355
29																		
30																		
31																		

Results of Radiosonde Observations,
WILKES – Nov., 1960

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	971	007	36	523	061	5041	28	106	5078	22	153	5113	17	254	5184	10	367	258	06
02	980	5016	23	515	069	5048	18	113	5081	16	160	5115	14	261	5167	12	376	244	06
03	980	5009	23	515	069	5051	19	113	5091	16	160	5130	14	260	5201	09	373	270	05
04	980	5013	21	515	068	5076	16	112	5101	15	159	5120	13	259	5172	08	372	221	
05	978	5056	19	516	066	5107	16	110	5110	16	156	5123	12	257	5169	06	371	226	04
06	977	5050	17	517	065	5129	12	108	5152	11	154	5178	10	253	5188	07	367	237	03
07	974	5054	17	519	063	5098	12	107	5135	11	152	5168	10	252	5188	09	364	258	05
08	973	5038	15	521	062	5084	12	106	5122	11	152	5163	10	252	5241	06	363	293	04
09	976	5040	18	518	064	5109	14	108	5140	11	154	5172	09	253	5229	07	364	297	04
10	979	5062	17	517	065	5130	13	108	5150	10	154	5156	05	254	5215	03	366	281	
11	984	5078	18	511	069	5161	09	112	5194	09	157	5215	07	255	5227	02	365	292	
12	983	5077	15	513	069	5134	10	112	5130	05	158	5150	09	259	5191	09	372	251	06
13	981	5054	17	514	069	5088	14	113	5126	13	158	5144	13	259	5172	12	374	217	09
14	976	5039	18	518	065	5085	15	109	5102	16	155	5140	14	255	5212	08	367	300	03
15	977	5033	25	507	065	5100	16	109	5131	12	155	5159	10	254	5210	07	367	282	
16	977	5044	27	517	065	5093	18	109	5125	14	155	5160	11	254	5244	05	365	298	03
17	994	5023	25	504	079	5090	17	123	5129	14	169	5154	09	268	5229	04	380	288	
18	988	5029	15	508	074	5104	10	118	5130	05	164	5155	04	264	5178		378	233	
19	982	5049	13	512	069	5100	07	113	5095	06	160	5118	08	261	5158	08	376	203	04
20	978	5039	24	516	067	5065	23	111	5082	22	158	5113	17	259	5182	10	372	260	05
21	986	5046	20	510	073	5079	14	117	5107	11	163	5133	08	264	5182	05	377	260	02
22	980	5046	17	515	068	5084	13	112	5112	11	158	5144	11	259	5187	05	372	254	03
23	973	5052	18	520	062	5097	12	106	5136	11	151	5178	10	251	5186	03	365	250	
24	980	5024	23	515	069	5044	20	114	5083	18	160	5117	16	261	5190	10	374	273	05
25	987	5005	29	510	074	5053	19	119	5094	16	165	5138	13	266	5180	05	379	275	03
26	987	5008	30	509	074	5071	22	118	5100	18	165	5130	15	266	5195	09	378	277	05
27	990	5022	27	507	076	5072	21	120	5102	19	167	5134	15	267	5206	08	379	271	05
28	995	5038	27	503	080	5094	18	124	5123	15	170	5152	12	270	5220	07	382	271	05
29	992	5021	29	505	077	5093	18	121	5120	15	167	5150	12	268	5193	09	380	283	04
30	990	5027	21	507	076	5070	16	120	5100	12	167	5132	08	267	5195	06	380	270	04

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	dg/kg	gpDm	−°C ×10⁻¹	gpDm	−°C × 10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C ×10⁻¹	gpDm	−°C.×10⁻¹
01	497	312	04	652	432		841	508	106	468	299	429	573	420	724	406	920	406
02	507	294	04	663	395	02	854	549	113	492	299	479	573	414	725	400	923	370
03	503	320	03	658	410		848	544	102	582	286	518	555	418	708	369	908	350
04	505	299		660	423		848	560	101	598	283	532	552	414	706	334	912	252
05	503	299		659	409		849	560	101	590	284	524	556	354	713	319	916	316
06	498	322		651	452		838	563	092	604	273	556	539	433	691	380	892	304
07	494	339	03	648	437		836	538	095	538	282	502	552	417	704	375	904	353
08	491	362	02	643	456		830	579	083	575	268	504	540	398	694	357	894	355
09	493	359	03	645	451		832	585	085	529	269	507	539	407	693	361	895	321
10	495	368		646	459		833	580	085	590	268	536	533	481	682	429	878	375
11	493	380		643	487		830	562	084	589	265	572	527	476	676	428	872	366
12	512	320	03	667	416		857	535	114	570	298	560	561	460	711	404	905	332
13	506	303	04	661	410		851	561	102	629	280	597	538	506	686	456	880	389
14	495	372	02	647	455		835	539	093	560	276	551	540	485	688	464	880	438
15	495	372		646	461		835	508	100	488	291	454	563	422	718	426	913	420
16	493	390	01	643	460		835	458	109	480	304	413	579	418	730	423	924	430
17	508	364		661	422		851	526	114	459	308	404	582	431	733	398	928	411
18	510	307		665	410		856	544	109	554	297	453	573	386	726	385	924	374
19	509	256	04	668	345	03	863	491	121	586	305	523	577	375	731	363	932	373
20	502	346	03	655	456		844	497	110	480	300	452	573	425	725	387	923	378
21	507	358	01	658	464		847	538	113	455	308	416	582	422	732	442	926	429
22	502	357		655	442		843	527	107	477	300	404	576	403	727	406	923	393
23	495	327		649	458		837	568	094	529	283	455	559	362	715	338	917	340
24	503	363	02	655	447		843	544	102	518	292	430	570	368	724	376	922	388
25	508	360	02	660	466		847	550	106	514	295	442	572	384	726	381	924	380
26	508	351	03	660	461		847	564	106	511	295	455	571	377	725	319	924	309
27	509	353	02	661	460		848	536	111	491	302	446	577	402	729	389	927	374
28	512	338	03	665	447		853	538	120	443	313	445	588	422	739	412	935	400
29	509	354	03	661	479		846	558	112	442	306	430	580	406	732	408	928	405
30	509	368	02	665	475		851	570	113	460	308	398	586	398	739	384	937	378

Results of Radiosonde Observations,
WILKES – Dec., 1960

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
	mb	°C ×10⁻¹	dg/kg	gpDm	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	°C ×10-1	dg/kg	gpDm	°C ×10⁻¹	dg/kg	gpDm	-°C ×10⁻¹	dg/kg
01	988	5040	23	508	074	5076	17	118	5105	13	165	5137	09	265	5190	04	378	270	04
02	986	5032	21	510	073	5086	13	117	5114	11	163	5132	08	264	5186	05	378	270	03
03	977	5002	29	518	066	5057	14	111	5087	11	157	5125	10	258	5206	08	370	275	04
04	973	001	24	520	062	5034	15	107	5057	14	155	5087	13	256	5174	10	370	242	07
05	959	007	30	533	052	5028	26	097	5059	22	144	5089	19	247	5137	13	362	228	07
06	980	026	22	515	069	5039	17	114	5066	11	161	5098	08	263	5177	06	376	277	05
07	977	5001	26	518	066	5040	15	110	5078	13	157	5115	11	259	5160	09	375	181	06
08	990	012	31	507	077	5053	23	122	5091	20	168	5121	17	269	5163	11	384	208	07
09	994	007	35	504	080	5043	21	125	5071	18	171	5110	15	272	5189	08	386	228	05
10	979	5004	25	516	068	5039	11	113	5068	07	160	5104	05	262	5161		376	225	
11	980	5011	24	515	068	5063	10	113	5098	12	159	5125	08	260	5187	08	375	263	06
12	981	5007	27	514	069	5054	18	114	5088	14	161	5125	12	261	5208	08	374	248	06
13	979	5008	27	516	068	5067	18	112	5099	17	158	5128	15	259	5202	09	371	280	06
14	977	5004	27	518	066	5066	18	111	5103	15	157	5148	12	256	5247	06	367	286	05
15	977	5011	27	518	066	5055	21	111	5087	21	157	5123	16	259	5174	09	373	228	
16	952	5028	22	538	046	5007	19	091	5039	14	139	5080	13	240	5156	11	354	218	06
17	967	5021	26	526	058	5063	24	102	5089	21	149	5111	18	251	5159	13	365	245	06
18	993	004	29	505	079	5044	23	124	5079	17	171	5117	14	271	5192	09	384	274	03
19	983	021	23	513	073	009	15	118	5031	16	166	5075	14	268	5155	11	383	223	08
20	966	023	29	527	058	5009	11	103	5038		151	5067		254	5124		370	193	
21																			
22	994	006	27	503	080	5082	18	124	5084	15	171	5120	12	272	5157		387	203	
23	995	001	30	503	081	5048	25	125	5066	24	172	5093	20	275	5147	15	390	195	11
24	991	004	32	506	078	5040	25	122	5065	21	170	5100	18	272	5134	10	388	204	07
25	991	5008	28	506	076	5060	21	121	5068	21	168	5091	19	271	5148	13	385	226	07
26	991	5011	26	506	077	5082	14	121	5118	12	167	5112	14	270	5142	10	385	211	06
27	986	000	23	510	073	5087	16	117	5113	15	164	5104		266	5152		381	219	06
28	991	5025	26	506	077	5074	21	121	5100	18	168	5127	16	268	5189	10	382	259	06
29	986	5011	28	510	073	5084	16	117	5116	12	163	5134	06	264	5172		378	237	
30	981	5032	21	514	069	5090	12	113	5113	07	159	5132		260	5156		375	212	
31																			

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE
	gpDm	-°C ×10⁻¹	dg/kg	gpDm	-°C ×10⁻¹	dg/kg	gpDm	-°C ×10⁻¹	gpDm	-°C ×10⁻¹	gpDm	-°C ×10⁻¹	gpDm	-°C ×10⁻¹	gpDm	-°C ×10⁻¹	gpDm	-°C ×10⁻¹
01	507	362	02	658	482		843	572	101	517	291	420	571	353	721	358	921	363
02	506	363	01	658	449		846	532	107	520	296	451	573	358	728	360	928	364
03	500	285	06	657	382	02	849	528	106	516	294	460	569	396	722	381	921	366
04	502	285	05	659	376	02	851	527	108	547	295	464	570	388	723	376	922	375
05	493	317	04	648	417		843	442	109	524	298	467	571	406	723	388	922	358
06	506	333	03	660	416		850	540	111	515	300	474	573	413	726	378	925	356
07	508	275	06	666	375	03	857	535	113	572	296	539	563	412	715	392	913	368
08	517	278		674	382		866	531	122	534	310	468	582	422	734	399	932	370
09	519	285		675	397		870	442	135	522	321	507	590	436	740	425	930	406
10	508	307		663	416		855	471	123	483	314	450	587	424	738	398	935	382
11	503	345	03	656	438		845	491	114	448	308	417	584	384	737	394	934	378
12	505	318		659	438		848	512	115	454	308	422	585	394	738	391	935	385
13	502	315	02	657	400	02	849	484	120	433	314	417	590	393	744	388	941	381
14	496	358	02	649	434		840	482	112	405	308	406	584	406	736	394	933	379
15	505	306		661	372		853	528	120	453	313	428	587	404	740	399	937	390
16	486	282	04	643	394	01	835	510	105	425	301	394	580	372	735	359	935	340
17	496	324	03	650	425		840	533	105	450	300	388	581	356	737	344	939	330
18	513	362	01	665	476		851	562	115	469	307	437	583	394	746	394	944	374
19	516	263	03	673	396	02	864	550	119	498	310	442	584	403	738	390	936	365
20	503	288		660	397		850	540	110	480	303	409	580	389	733	380	932	371
21																		
22	520	289		676	400		866	549	127	484	318	448	591	415	743	401	940	385
23	524	276	06	681	394	02	872	528	130	528	319	452	592	412	744	400	941	388
24	521	286	05	678	382	03	869	522	127	518	317	460	590	406	742	396	939	381
25	517	300	04	674	384	01	867	500	129	499	319	457	592	415	748	407	944	395
26	518	273	04	676	367	01	870	493	131	500	321	448	595	403	747	395	944	385
27	513	302	04	669	395	01	860	518	127	454	319	435	594	409	746	399	943	390
28	512	339	03	665	445		854	487	124	438	318	421	595	405	746	394	944	380
29	509	320		664	417		855	472	127	413	323	409	600	401	752	391	950	378
30	509	251		668	339	02	863	500	131	433	325	416	601	405	754	398	952	365
31																		

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January

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
02	1027	233	569	1
03	881	284	516	1
04	887	284	539	1
05	811	320	552	1
06	854	300	531	1
07	768	335	519	2
08	854	300	559	1
09	896	283	543	1
10	936	268	553	1
11	942	260	514	1
12	918	272	568	1
13	890	286	554	1
14	899	284	544	1
15	853	300	545	1
16	811	315	543	1
17	849	300	558	2
18	896	276	571	1
19	850	300	538	1
20	850	295	572	1
21	899	278	568	1
22	805	320	568	1
23	817	313	553	1
24	969	255	580	1
25	869	300	546	1
26	871	300	537	2
27	878	290	526	1
28	866	300	552	1
29	936	277	546	1
30	957	265	607	1
31	1027	243	600	1
31	982	258	579	1

February

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	914	275	549	1
02	765	340	470	1
03	1033	235	583	1
04				
05				
06				
07	793	330	521	1
08	793	334	483	2
09	981	254	572	1
10	762	352	494	3
11	893	288	533	1
12	875	289	534	1
13	826	309	540	1
14	865	292	559	1
15	853	300	564	2
16	927	273	581	2
17	969	253	582	1
18	893	282	521	1
19				
20	842	300	554	1
21	899	275	557	1
22	839	300	436	2
23	731	354	498	2
24	856	290	530	1
25	875	282	589	1
26	747	343	538	1
27	1021	237	601	1
29	866	287	597	1
29	853	291	601	1

March

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	837	300	557	2
02	884	280	575	1
03	869	285	581	1
04	793	319	544	1
05				
06	961	253	587	1
07	649	400	474	2
08	843	300	538	1
10	829	300	555	1
10	744	338	544	2
11	819	300	567	1
12	762	328	517	1
13	633	400	460	2
14	793	309	581	1
15	756	329	577	1
16				
17	844	280	584	1
18	836	300	607	2
19	842	300	602	2
20	941	300	592	1
21	844	300	527	2
22	741	339	545	2
23	716	354	526	1
24	713	357	520	1
26	845	300	538	2
26	759	337	532	2
27	713	341	483	1
28	793	350	568	1
29	838	300	560	1
30	811	306	573	1
31	805	314	556	1

April

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	869	286	548	2
03	846	300	529	2
03	762	339	517	2
04	780	325	505	1
06	908	270	569	2
07	869	291	560	1
08	1061	217	634	1
08	930	265	545	1
09	902	270	582	1
10	887	274	605	1
11	1018	237	646	1
12				
14	823	307	581	1
15	827	300	609	1
15	744	345	573	2
16	716	358	539	2
17	850	292	533	1
18	834	300	594	1
19	839	300	584	2
20	853	290	604	1
21	793	323	575	3
23	729	349	566	1
23	639	400	523	2
24	664	384	534	2
25	707	357	549	2
26	978	240	656	1
27	960	249	625	1
28	852	300	561	2
29	1012	234	662	1
30	884	280	624	1

May

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	835	300	578	2
02	839	300	601	2
03	735	351	570	2
05	849	300	565	2
05				
06	927	264	607	2
07	805	325	595	2
09	896	270	630	1
09	899	272	636	1
10	802	317	581	2
11	821	300	579	2
12	731	336	560	2
13	762	336	562	2
14	833	318	564	2
15	930	271	595	2
16	839	300	563	2
17	818	300	565	1
18	793	314	574	1
19	735	343	533	1
20	725	355	526	1
21	783	352	552	1
22	884	276	571	1
23	799	312	574	2
24	762	333	571	2
25	661	373	554	2
26	972	240	595	2
27	975	237	665	1
28	930	252	647	1
29	820	300	627	2
30	710	352	579	2

June

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	716	341	590	2
01				
02	768	320	615	2
03	777	319	615	2
05	890	263	654	2
05	750	334	618	2
06	899	262	692	1
08	806	300	622	2
08	814	300	641	2
09	716	356	581	2
10	686	368	579	2
11	793	313	625	2
12	716	349	584	2
13	869	278	600	1
14	828	300	597	2
15	957	241	673	1
16	914	255	686	2
17	960	235	702	2
18	881	279	705	2
19	842	300	650	2
20	671	382	568	2
22	945	245	672	2
22	921	258	688	2
23	921	258	700	2
24	829	300	646	2
25	908	259	660	2
26	810	300	617	2
27	793	311	614	2
28	960	238	715	1
29	750	330	555	2
30	829	300	629	2

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July

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	818	300	620	2
02	729	341	583	2
03	818	300	620	2
04				
05	829	290	656	2
06				
07	912	219	739	1
08	869	275	679	2
09	853	280	644	2
10	771	315	590	2
11	899	245	643	2
12	853	282	650	2
13	1009	224	770	1
15	875	270	710	1
15	762	325	616	1
17	853	283	697	2
17	813	300	661	2
18	824	300	642	3
19	991	233	735	2
20	991	230	733	2
21	905	259	710	2
22	771	318	636	2
23	677	367	595	2
24	814	300	620	2
25	881	268	663	1
26	939	250	665	2
28	978	228	697	1
29	747	335	617	2
30	857	278	680	1
30	741	339	602	2
31	1075	200	787	1

August

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	972	236	696	2
02	914	254	686	2
04	905	256	691	2
04	777	318	631	2
05	813	300	660	2
06	686	365	610	2
08	945	244	709	2
08	911	257	721	2
09	945	248	685	2
10	1086	200	779	1
12	1100	232	727	2
12	951	255	694	2
13	975	241	704	2
14	1088	200	781	2
15	1018	218	746	2
17	811	300	637	2
17	818	300	654	1
18	969	235	726	2
20	819	300	637	2
20				
21				
22	1015	219	720	1
23	914	255	716	1
24	908	259	723	2
25	969	231	734	2
26	857	275	676	2
27	810	300	641	2
28	811	300	621	3
29	1069	200	770	2
30	1128	178	843	1
31	1006	221	714	2

September

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01				
02	731	343	626	1
03	945	245	712	2
04	756	324	570	2
06	930	249	694	2
06	905	254	729	2
07	807	300	647	2
08				
09				
10	1097	188	854	1
11	686	354	598	2
12	957	236	704	2
13	945	242	690	2
14	1021	217	760	1
15	813	300	657	1
15				
17	804	300	645	2
18	991	216	768	2
19	899	255	730	1
21	735	336	652	2
21	744	339	617	2
22	817	300	669	2
23	716	346	632	2
24	792	300	655	2
25	731	341	563	2
26	869	271	662	1
28	978	229	719	1
28	960	242	703	1
29	930	251	695	2
30	795	310	619	2

October

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	821	300	621	2
02	1015	223	670	2
04	945	246	710	2
04	933	252	680	2
05	884	274	671	2
06				
07	875	278	671	2
09	836	300	639	2
09	848	300	611	2
10	1003	238	685	2
11	1086	200	761	1
12	911	256	618	1
13	914	260	641	2
14	1074	200	732	1
15	975	235	698	2
16	957	240	708	2
17				
18	975	233	707	2
19				
20	1085	200	770	2
21	1003	227	729	2
22	1078	200	760	1
23	765	328	584	2
24	813	300	582	2
25	756	323	600	2
26	632	400	524	2
27	884	273	666	1
28	930	259	627	2
29				
30	911	266	628	2
31	835	300	577	2

November

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	930	256	667	2
02	1048	210	721	2
03	975	229	690	1
05	762	336	580	2
05	731	347	579	2
06	945	250	678	1
07	908	266	628	1
08	793	318	584	2
09	759	335	577	2
10	948	250	677	1
12	911	264	633	2
12	701	364	565	2
13	786	324	576	2
14	680	373	513	2
15	793	318	574	1
16	872	281	598	2
17	914	268	637	2
18	831	300	590	2
19	945	248	635	1
20	836	300	580	2
21	847	300	621	1
23	905	268	656	2
23	771	332	557	2
25	951	254	642	1
25	890	278	632	1
26	960	248	657	1
27	914	266	627	1
28	924	265	621	1
29				
30	837	300	579	2

December

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
05	945	260	623	1
10				
15	729	351	530	1
20	773	257	616	1

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January

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	817	328	526	2
02	954	270	567	2
03	885	300	508	2
04	808	332	494	1
05	1027	243	566	1
06	1185	200	619	2
07	1116	221	638	1
08	1302	165	720	1
09	1049	247	528	1
10	1009	242	525	1
11	875	300	528	1
12	921	285	508	1
13	1064	234	562	1
14	889	300	508	2
15	1286	167	656	1
16				
17	1070	235	555	1
18	841	314	515	2
19	957	268	530	1
20	1154	200	529	1
21	1094	224	612	1
22	1009	258	559	2
23				
24	1174	200	582	1
25	1078	245	547	1
26	857	300	542	1
27	936	276	523	1
28	857	300	531	1
29	936	276	601	2
30				
31	1015	246	538	1

February

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	756	350	491	1
02	1067	225	519	1
03	1129	220	460	1
04	1015	252	567	1
05	1113	218	577	1
06	997	257	585	1
08	872	300	566	2
08	896	300	427	1
09	985	258	603	1
10	1088	226	614	2
11	871	300	531	1
12	1061	231	591	1
13	1030	240	563	1
14	762	345	501	1
15	867	300	490	1
16	914	283	489	1
17	879	300	475	1
18	1045	243	594	1
19	953	277	540	2
20	1280	172	652	1
21	1533	117	634	1
22	1027	248	497	1
23	883	300	453	2
25	814	327	502	1
25	802	338	482	1
27	1072	224	538	1
27	1076	230	595	1
28	1079	225	598	1
29	895	300	506	2

March

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	1244	180	684	1
02	1182	200	642	1
03	975	265	576	1
04	1178	200	578	2
05	1061	234	556	1
06	997	266	497	2
07	1046	242	554	1
08	1006	245	564	1
09	876	300	490	3
10	777	345	477	1
11	1030	246	574	1
12	1091	229	541	2
13	1106	215	633	1
14	1165	200	643	1
15	1173	200	675	1
15	1061	236	644	1
17	1177	200	705	1
18	1177	200	652	1
19	1021	253	583	2
21	1012	245	624	1
21	888	300	511	2
22	1097	221	588	1
23	744	361	451	1
24	1030	241	593	1
25	1140	210	636	1
26	921	279	579	1
27	858	300	554	1
28	1015	246	572	1
29	1049	233	549	1
30	867	300	480	1
31				

April

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	951	265	596	1
02	1006	250	578	2
03	774	345	460	1
04	789	339	475	2
05	1091	221	664	1
06				
07	1172	200	636	1
08	933	284	603	1
09	1174	200	628	2
10	891	300	524	1
11	1094	222	646	2
12	1033	244	586	1
13	1079	225	663	1
14	1058	230	636	1
15	750	354	496	1
16	899	286	571	1
17	908	280	591	2
19	861	300	524	1
19	516	419	461	1
20	924	283	557	1
21	1085	225	660	1
23	1172	200	475	1
23	1143	207	662	1
24	918	300	431	1
25	1042	241	629	1
26	1170	200	626	3
27	1082	229	632	2
28	1064	231	618	1
29	878	300	561	1
30	1012	249	656	1

May

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	1108	221	681	1
02	1198	192	724	1
03	1155	200	619	1
04				
05	1055	236	669	1
06	1079	222	701	1
07	1027	239	671	1
08	951	265	619	1
09	896	282	591	1
10	862	300	546	1
11				
12	1000	246	623	1
13	1113	214	692	1
14	1116	215	696	1
15	1085	220	688	1
16	1088	223	651	1
17				
19	1033	238	614	1
19				
20	871	300	551	3
21				
22	921	275	600	1
23	948	262	645	1
24	1090	218	684	1
25	1067	233	661	1
26	1165	200	679	1
27				
28				
29	1144	200	672	1
31	846	300	504	1
31	786	324	528	1

June

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	853	300	588	1
02	877	300	586	2
03	921	261	578	2
04	1076	227	689	1
05	1079	227	664	2
06	1027	242	628	1
07	975	258	640	2
08	1067	227	644	1
09	1116	210	661	1
10	1006	245	639	1
11	701	378	486	1
12	793	338	534	1
13	1018	241	679	2
14	1049	228	683	2
15	969	255	606	1
16	744	348	535	2
17	846	314	540	2
18	1000	254	619	1
19	1067	227	645	1
20				
21	1125	210	729	1
22	1146	207	702	1
23	1024	245	597	1
24	1103	214	706	1
25	1030	240	669	2
26	1024	240	634	1
27	866	300	536	2
28	1030	236	719	1
30	1137	200	744	2
30	1067	222	683	1

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July

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	856	300	553	2
02	998	240	656	1
03	975	244	638	1
05	975	250	595	1
05	836	300	562	1
06	997	250	658	1
07	1122	208	728	1
09	1116	213	704	2
09	1085	224	683	3
10	963	263	605	2
11	985	254	624	1
12	1106	212	718	1
13				
14	1149	200	709	2
15	1009	235	667	1
16	854	300	563	1
17	1079	215	700	1
18	1045	226	671	1
19	1052	224	654	1
20	908	279	612	1
21	994	245	664	1
22	914	274	565	1
23				
24	884	284	577	1
25	1036	237	708	2
26	988	259	631	2
27	1076	222	620	1
28	939	272	574	1
29	899	284	604	1
30	997	249	642	1
31	1021	243	671	1

August

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	878	300	571	2
02	862	300	555	3
03	1076	213	572	1
04	1116	206	730	1
05	1061	226	669	1
06	1030	238	655	1
07	1259	162	588	1
08	869	300	607	2
09	985	250	689	1
10	1262	173	615	1
11	1030	230	689	1
12	1015	240	665	3
13	1067	220	752	1
14	966	256	672	2
15	983	252	610	1
16	1021	243	651	2
17	1000	251	660	2
18	1033	239	659	2
19	1052	288	646	1
20	1088	230	721	1
21	1128	204	685	1
22	1015	238	633	1
23	985	253	710	1
24	942	270	674	1
25	921	283	579	2
26	969	266	625	3
27	1181	190	704	1
28	1088	219	651	1
29	942	270	615	1
30	1036	233	642	1
31	991	248	629	1

September

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01				
02	985	254	612	1
03	939	268	621	1
04	985	248	657	1
05	725	359	532	2
06	914	270	583	1
07	848	300	569	2
08	719	357	524	1
09	1077	215	674	1
10	990	247	651	2
11	1059	257	631	2
12	1100	215	691	1
13	1100	212	711	1
14	924	275	589	1
15	863	300	556	1
16	997	249	647	1
17	868	300	559	2
18	954	265	598	2
19	1140	200	659	2
20	994	248	592	1
21	927	274	606	1
22	939	274	621	1
23	1108	214	724	1
24	1168	200	716	2
25	1103	222	671	2
26	1030	244	565	1
27	933	276	565	1
28	997	252	612	1
29	988	256	657	1
30	838	320	519	2

October

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	936	280	561	2
02	1067	232	610	1
03	1077	223	688	1
04	1027	244	632	2
05	954	268	573	1
06	930	280	573	1
07	863	308	545	2
09	939	274	585	1
09	880	300	572	1
10	731	364	491	1
11	861	300	567	3
12	1015	246	654	2
13	960	264	614	2
14	1059	230	612	1
15	957	269	609	1
16	1103	218	604	1
17	820	329	451	1
18				
19	695	380	502	1
20				
21	1122	212	692	1
22	966	270	586	2
23	1030	242	600	1
24	1012	256	611	2
25	1176	200	661	3
27	797	344	457	2
27	771	352	438	2
28	972	266	570	1
29	1036	245	597	2
30	988	258	546	1
31	841	318	502	2

November

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	908	288	530	1
02	963	270	566	2
03	786	344	509	2
04	805	330	454	3
05	741	358	523	1
06	867	300	483	1
07	716	369	486	2
08	709	376	495	1
10	921	275	544	2
10	774	347	484	1
11	1006	242	588	1
12	1088	216	628	1
13	930	274	538	1
14	994	257	607	1
15	1058	237	633	1
16	1024	250	562	2
17	1119	213	672	1
18	966	269	548	1
19	686	400	428	2
20	1088	228	619	2
21	1180	200	657	2
22	1073	228	548	1
23	805	338	454	1
24	817	331	494	1
25	872	300	579	1
26				
27	933	272	565	2
28	753	354	464	2
29	771	343	515	2
30	832	319	561	1

December

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	1015	250	600	2
02				
03	951	277	558	1
04	940	237	623	2
05	1172	200	616	1
06	1167	200	637	1
07	985	260	535	1
08	844	316	559	1
09	1128	212	662	1
10	1220	184	736	1
11				
12	886	300	530	1
13				
14				
15	745	352	423	2
16	1027	246	558	1
17	930	286	502	2
18				
19	1167	200	634	1
20				
21	529	480	325	1
22	859	300	481	2
24	916	277	582	1
24	774	337	479	1
25	876	300	492	2
26	945	276	536	1
27	731	367	464	1
28				
29	1079	234	558	2
30	953	271	461	2
31	1097	222	557	1

Results of Radiosonde Observations,
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MAWSON, 1960

January

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01				
03				
04				
05				
06				
07				
08				
09				
10				
11				
12	884	288	535	1
13				
14				
15				
16				
17				
18				
19	840	300	538	1
20				
20				
21				
22	945	260	562	1
24				
25				
26	868	300	535	2
27				
27				
29	1116	213	605	1
30				
31				

February

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	994	248	616	1
08	927	231	598	1
17				
22	859	300	528	1
24	908	270	548	1
25	911	273	548	1
29	838	300	533	1

March

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01				
02				
03	829	300	568	1
04	878	280	554	1
05	762	338	532	1
06				
07				
09	834	300	566	1
09	795	319	576	1
10	814	308	545	1
11	771	327	553	2
12	924	263	578	1
13	814	308	537	2
14	780	322	573	2
15				
16	765	331	572	1
17				
18	835	300	608	1
19	817	309	598	1
20	884	285	558	1
21				
22	771	325	566	1
23	933	262	566	1
25	972	256	606	1
25	756	350	509	1
26	884	289	566	1
27				
29	762	333	521	1
29				
30	747	341	536	1

April

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	884	281	554	1
01	802	317	461	2
02	945	262	598	1
03	899	279	525	1
05	855	300	519	2
05	777	330	531	2
06	683	380	478	2
07				
08				
10	878	283	616	1
10	744	347	541	1
11				
12				
13	887	278	592	1
14	826	300	586	1
15	829	300	561	1
17	933	260	604	1
17	896	270	608	1
18	866	283	568	2
19	863	285	611	1
20	830	300	595	1
21	762	332	572	2
22	808	311	585	1
23				
24				
26	1003	236	634	1
26	985	239	644	1
27	930	263	597	1
28	893	272	597	1
29				
30	902	273	643	1

May

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	975	239	660	1
02	863	290	631	1
03	966	247	652	1
04	997	238	654	1
06	1000	237	645	1
06	969	242	618	1
07				
08	905	264	635	1
09	921	260	614	1
10	1006	233	653	1
11	756	336	561	1
13	978	241	573	1
13	811	300	545	1
14	1073	217	705	1
15	933	267	656	1
16				
17	911	261	595	1
18				
19	1189	174	600	1
20	1097	208	695	1
21	1006	235	617	1
22	1030	220	595	1
23	1012	224	630	1
24	802	308	563	1
25	818	300	562	3
26				
27				
29	815	300	579	1
29	821	300	596	2
30	732	341	580	2
31	884	270	665	1

June

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	822	300	644	1
02	814	300	632	2
03				
04	817	300	580	2
05				
06	857	282	665	2
07	905	256	651	1
09	893	260	655	1
09	857	281	669	1
10	875	277	646	1
11	860	282	599	1
12	930	254	655	1
13	963	242	628	1
15	857	250	665	1
15	908	259	709	2
17	948	238	716	1
17				
18				
19	1000	231	703	1
20	982	235	736	1
21	991	230	712	1
22	969	240	706	2
23	982	232	710	2
24	911	261	671	2
25	954	237	660	2
26	774	316	607	2
27	902	257	645	2
28	841	288	641	1
29	875	274	610	1
30	817	300	633	2

Results of Radiosonde Observations,
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MAWSON , 1960

July

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	756	332	637	2
02	822	300	682	1
03	927	255	663	1
04	878	271	630	2
05				
06	1018	224	767	1
07	821	300	615	2
08	826	300	602	2
10	948	241	669	1
10	945	244	646	1
11	866	275	680	1
12				
13				
14				
15	808	300	628	2
16	817	300	626	2
17	899	265	653	2
18	1027	221	739	2
19	1091	200	785	2
20	1070	200	707	1
21	1064	200	720	2
22	1063	200	670	3
23	911	262	657	2
25	896	267	671	1
25	807	300	602	2
26				
27	899	260	697	2
28				
29	966	229	709	2
30	960	233	732	2
31				

August

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01				
03	985	225	732	2
03				
04	832	287	686	2
05				
06				
07	878	268	658	2
08	829	293	638	1
09	847	285	635	1
10	1080	200	692	2
11	1204	165	742	2
12	1171	180	798	1
13	1083	200	789	1
14				
15				
16	1140	177	823	1
17	991	224	751	2
18				
19	1003	220	721	1
20	902	261	730	1
21				
22				
23				
24				
26	963	232	738	2
27	1051	200	742	2
27	957	236	699	2
28	1057	200	752	2
29				
30				
31				

September

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01				
02	1065	200	748	2
03				
04				
05	1006	213	761	2
06	948	235	748	2
07	1058	200	738	2
08	1066	200	787	2
09				
10	975	228	773	2
11	1201	157	769	2
12	939	244	691	2
13	1024	213	778	1
15	972	232	728	2
15				
16	954	234	688	1
17	1164	164	754	1
18				
19	890	260	724	2
20	997	218	773	2
21	924	250	733	2
22	930	247	727	2
25				
24	991	220	682	1
25				
26				
27	869	273	681	2
28	881	268	680	2
29	1083	200	666	2
30	985	232	682	1

October

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	972	241	642	1
02	1177	173	816	1
03	1088	200	778	1
04	1152	176	742	1
05				
06	884	268	669	2
08	1069	200	700	2
08	905	268	660	1
09	1027	229	652	2
10	1120	200	712	2
11	945	250	631	2
12	945	250	656	2
14	960	239	682	2
14				
15	954	240	681	2
16	945	240	699	2
17	887	268	675	2
18	1073	200	699	3
19	1080	200	756	1
20	1011	223	735	2
21	982	230	698	2
22	930	251	646	2
23	957	240	628	3
24	813	300	597	3
25	816	300	607	2
26	954	245	678	1
27				
28				
29				
30	1018	218	711	1
31	1049	211	709	1

November

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	1000	227	686	2
02	969	239	694	1
03	960	240	649	3
05	753	337	611	2
05				
06	835	300	578	2
07	836	300	593	2
08	831	300	613	2
09	927	255	629	1
10				
11	876	277	628	1
12	896	270	616	1
13	918	264	629	1
14	837	300	566	2
15	830	300	603	1
16	826	300	568	2
17	890	276	636	1
18	893	270	636	1
19	780	317	582	1
20	828	300	575	1
21	786	323	563	2
22	837	300	567	1
23	828	300	567	3
24	975	241	644	1
25	951	251	643	1
26	972	242	672	1
27	966	245	634	3
28	933	263	626	3
29				
30				

December

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	840	300	547	2
02	844	300	539	1
03	872	287	571	1
04	832	305	566	1
05	774	331	551	1
06	847	300	514	3
07	774	332	498	3
08				
09				
10	838	305	518	1
11	939	264	533	1
12	844	300	479	1
13				
14	945	258	536	1
15	774	330	516	1
16	710	359	502	2
17				
18	893	280	580	1
19	811	315	551	1
20	846	300	553	1
21	890	282	584	1
22	855	300	541	3
23	856	300	570	1
24				
25	899	283	583	1
26	1015	240	613	1
27	911	276	559	2
28				
29				
30	855	300	566	2
31	954	260	619	1

Results of Radiosonde Observations, 2300 Hours

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January

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
02	970	254	501	1
02	910	279	548	1
04	743	356	498	1
05	703	369	466	1
06	885	285	537	1
07	743	352	487	2
08	781	332	501	2
09	999	244	567	1
09	812	316	523	1
11	986	251	569	1
12	930	271	546	1
13	917	275	543	1
14	859	298	524	1
15	837	308	522	1
16	784	333	484	1
17	931	265	547	1
17	801	324	532	1
19	825	309	551	1
19	813	314	532	2
21	869	290	565	1
22	843	302	538	1
23	897	282	576	1
23	887	289	514	2
25	1112	207	649	1
26	933	272	584	1
27	931	272	567	2
28	833	311	517	2
29	935	270	570	1
30	873	290	538	1
30	879	290	553	2
31	850	298	555	1

February

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	857	302	490	1
03	1017	243	567	1
04	970	254	563	1
05	870	292	554	2
06	840	306	573	2
06	826	314	532	2
08	980	251	584	1
09	947	264	566	1
10	948	267	547	2
11	896	280	541	1
11	873	291	550	2
12	833	308	489	1
14	882	286	490	2
15	991	246	570	1
16	972	250	575	1
17	872	293	500	1
18	940	270	579	1
19	851	290	530	1
19	814	316	513	2
21	940	260	561	1
21	805	319	498	1
22	850	299	521	2
23	808	317	515	2
25	844	300	456	3
25	816	315	529	3
27	786	329	516	1
27	723	358	486	3
28	977	250	595	1
29	785	329	500	3

March

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	698	374	473	3
02	850	294	526	1
04	820	305	538	1
04				
05	810	308	525	1
06	832	302	521	1
07	786	320	527	3
08	830	348	492	2
09	786	326	478	1
10	647	392	478	2
11	725	346	513	1
12	830	298	547	1
14				
15				
16	755	334	523	1
17	741	343	539	1
17				
18	871	290	580	2
19	934	264	616	1
20	870	285	608	3
21	745	338	523	1
22	863	283	533	3
23	733	347	544	2
24	690	369	548	1
25	706	360	538	1
27	814	302	508	1
27	770	326	525	1
28	794	321	523	2
29	720	357	505	2
30	745	340	497	1
31	643	400	510	3

April

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	755	340	555	1
03	738	348	518	2
03	647	400	508	1
04	772	330	557	1
05	790	320	561	1
06	849	296	527	1
07	917	268	610	1
09	883	280	522	1
10	828	300	472	2
10	810	310	500	2
11	757	332	507	2
12	1083	214	579	1
13	961	256	606	3
15	915	268	618	1
15	904	269	592	1
17	954	250	630	1
17	924	263	645	1
18	923	267	572	1
19	832	306	556	1
20	832	229	556	1
21	828	301	567	1
23	838	295	562	1
23	794	320	529	1
24	810	310	550	1
26	777	324	590	1
26	755	333	586	2
27	738	342	548	1
29	904	271	564	1
29	849	294	509	2
30	829	305	507	1

May

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	864	292	521	2
02	950	255	594	1
04	920	271	601	1
05	812	310	512	1
05	700	366	500	2
06	938	259	555	1
07	989	240	647	1
08	783	319	585	1
09	827	303	599	1
11	988	238	611	1
11	890	278	605	2
12	890	274	630	1
13	752	340	588	1
14	890	278	612	1
15	750	340	543	3
16	812	302	536	1
17	745	337	504	3
18	880	280	544	1
19	989	239	597	1
20	940	254	525	1
22	898	270	588	1
22	714	350	550	1
23	675	379	515	3
25	844	290	552	1
25				
27	770	332	543	2
28	976	246	579	1
28	915	265	626	1
29	952	245	659	1
30	895	266	635	1
31	865	281	616	2

June

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	922	258	695	2
02	718	323	598	1
03	778	320	603	1
04	843	287	614	1
05	901	268	635	1
06	973	236	701	1
07	937	242	698	1
08	911	253	635	1
09	851	287	617	2
11	942	250	634	1
12	925	254	635	1
13	923	256	612	1
14	852	290	563	1
14	727	345	586	1
15	958	248	680	1
16	800	314	593	1
17	904	266	647	1
19	1040	215	719	1
19	1003	254	657	1
20	832	295	620	1
21	810	310	585	2
22	909	270	648	3
23	913	265	631	1
24	965	242	633	1
26	980	237	670	1
26	951	248	628	3
27	902	276	643	3
29	894	275	593	1
29				
30	870	284	587	1

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WILKES , 1960

July

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	876	275	596	2
02	890	268	605	2
03	753	325	575	1
05	913	257	660	3
05	790	304	560	3
06	926	249	685	1
07	753	324	604	3
08	869	268	599	1
10	973	228	626	1
10	843	286	593	2
11	1013	211	697	1
13	916	265	642	2
13	892	269	627	1
14	999	234	722	2
15	849	288	658	2
16	939	244	703	1
17	889	261	697	3
18	900	256	684	3
19	853	275	635	1
20	901	260	642	3
21	879	266	669	3
22	961	237	674	3
23	1053	205	715	3
25				
26	790	318	532	3
27	1110	199	655	1
28	1032	228	717	1
29	1067	217	725	1
30	994	243	675	3
31	918	256	669	3
31				

August

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	1063	209	744	2
03	1113	194	784	1
04	940	247	646	3
05	960	240	666	2
06	934	250	672	3
07	1040	215	751	1
08				
09				
10				
11				
12	1090	229	725	3
13	935	250	653	2
14	610	419	517	2
15	708	359	587	1
16	1159	171	720	1
17				
18	1060	265	640	2
19	973	236	693	3
20	940	249	665	3
21	965	237	712	1
22	1015	217	701	3
23	1034	208	676	3
24	983	231	681	1
25	993	226	699	1
26				
27	928	248	666	1
28	1033	210	690	2
29	773	322	599	3
30	1145	177	704	1
31	1184	172	847	1
31				

September

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01				
03	779	320	588	3
04	749	333	600	1
05	1170	179	741	1
06	923	252	605	1
07	864	276	665	2
08	1106	183	724	1
09	924	248	695	2
10	935	246	645	2
11	972	232	708	1
12	990	221	660	3
13	1024	151	702	3
14	868	290	613	3
15	1028	226	683	1
16				
17	876	269	670	1
18	992	224	666	1
19	934	245	688	3
20	1040	220	736	2
21	928	247	728	2
22	952	243	712	2
23	927	256	691	2
24	1176	164	675	3
25	883	268	657	2
26	907	258	685	1
27	968	236	650	1
28	975	234	683	1
29	947	239	698	1
30	1070	196	726	1
30	905	258	686	2

October

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	951	243	669	1
03	828	298	648	2
04	833	292	621	3
05	941	246	649	2
06	954	245	670	3
07	960	243	682	1
08	1027	220	667	1
09	1045	216	679	1
10	933	261	692	2
11				
12				
13	992	231	665	3
14	880	274	636	2
15	993	229	675	1
16	898	266	634	2
17	1069	203	660	1
18	974	236	695	1
19	915	261	678	1
20	1000	227	671	3
21	970	241	681	2
22	947	247	660	2
23	955	244	628	3
24	910	262	617	2
25	987	234	630	1
26	804	312	563	1
27	782	321	563	3
28	837	295	577	3
29	856	292	536	1
30	1023	239	609	2
31	984	250	583	1
31	753	340	500	1

November

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	943	262	547	1
03	920	269	585	2
04	936	261	626	2
05	967	248	595	1
06	1043	218	607	1
07	987	236	628	1
07	918	262	583	2
08	911	263	635	1
09	992	233	591	1
10	900	269	622	2
12	973	249	630	3
13	924	265	597	2
14	960	247	556	1
14				
15	736	347	480	1
16	650	400	492	1
18	967	252	598	1
18	850	299	542	3
20				
21	851	296	515	1
21	823	311	532	1
22	937	257	559	1
24	929	261	582	1
25	912	270	574	1
26	947	257	557	1
27	887	284	560	1
27	816	315	554	2
29	853	298	573	1
29	803	322	546	3
30	874	287	568	1

December

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	882	282	567	1
02	1007	237	584	2
04				
05	1029	227	604	1
05	903	272	545	1
06	986	243	620	1
07	974	250	596	1
09	1028	234	550	1
09	909	280	554	1
10	790	325	500	1
12	766	340	499	2
12	717	364	468	1
13	878	285	503	1
14	702	370	469	2
15	901	275	572	1
17	807	313	486	2
18	900	283	617	1
18	854	295	603	1
20	970	248	657	1
21	846	282	582	1
22	948	262	572	1
23	900	287	547	2
24	976	254	595	3
25				
26	1002	226	578	1
27	954	256	586	1
28	760	345	499	1
29	783	332	520	2
30	847	301	445	2
31	857	261	565	1
31				

Results of Radiosonde Observations, 1130 Hours

TROPOPAUSE

WILKES, 1960

January

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	1030	234	526	2
02	950	261	554	2
03	874	292	542	2
04	828	313	531	2
05	859	296	550	1
06	849	300	521	1
07	869	292	514	1
08	758	345	498	2
09	882	287	512	1
10	969	256	568	1
11	965	259	557	1
12	828	315	505	2
13	948	263	568	1
14	807	294	504	1
15	887	289	521	2
16	869	292	527	1
17	963	254	580	1
18	840	302	530	1
19	865	289	547	1
20	872	288	564	1
21	896	278	556	1
22	864	294	556	2
23	845	306	551	2
24	1079	220	642	1
25	1073	219	624	1
26	965	260	579	2
27	950	263	586	1
28	908	280	556	1
29	904	281	558	1
30	856	299	531	1
31	812	319	532	1

February

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	792	328	508	2
02	1000	246	552	1
03	936	270	540	1
04	901	281	554	1
05	807	323	534	1
06	889	285	574	1
07	858	300	568	1
08	832	314	530	2
09	979	252	590	1
10	802	325	511	2
11	839	307	528	2
12	864	296	543	2
13	820	314	453	2
14	959	258	539	1
15	974	252	568	1
16	824	314	490	2
17	891	285	532	1
18	887	283	559	1
19	881	286	547	1
20	883	286	549	3
21	888	282	533	2
22	830	308	533	1
23	884	287	551	1
24	814	292	530	1
25	850	300	512	1
26	846	305	529	1
27	830	310	514	2
28	908	276	524	1
29	810	315	514	1

March

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	880	287	554	1
02	762	336	501	1
03	879	282	557	2
04				
05	782	324	514	2
06	846	293	554	1
07	859	289	515	1
08	800	312	560	2
09	874	284	478	2
10	794	316	539	2
11	714	352	499	1
12	778	322	557	2
13	735	338	535	1
14				
15				
16	916	271	574	3
17	813	310	544	1
18	749	342	558	1
19	886	285	588	1
20	895	278	601	1
21	820	306	554	1
22	814	305	546	1
23	800	315	561	1
24	730	342	568	1
25	760	331	553	1
26	750	336	507	1
27	796	310	509	1
28				
29	845	294	544	1
30	754	339	498	1
31	701	363	526	1

April

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	755	339	538	2
02	747	345	545	1
03	763	335	504	1
04	747	343	547	2
05	772	329	552	1
06	736	349	528	1
07	886	282	567	1
08	711	364	504	1
09	813	311	508	2
10	774	340	471	1
11	760	329	474	1
12	734	352	504	1
13	1055	227	634	1
14	764	338	530	2
15	850	296	596	1
16	910	266	625	1
17	923	262	633	1
18	766	337	530	2
19	957	258	634	1
20	752	340	549	2
21	840	298	573	1
22	810	309	559	1
23	805	311	545	1
24	760	337	527	1
25	794	316	584	1
26	777	323	590	1
27	755	333	582	1
28	817	307	550	2
29	870	286	528	1
30	817	310	502	3

May

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	842	298	486	2
02	763	339	523	2
03	790	328	531	1
04				
05	788	322	511	1
06	785	325	510	1
07	912	272	580	1
08	884	276	572	1
09	833	297	586	1
10	868	284	601	1
11	1032	226	582	1
12	847	294	604	1
13	844	295	604	2
14	860	291	586	3
15	790	323	576	2
16	833	295	550	1
17	778	316	534	1
18	878	278	572	1
19	814	312	568	1
20	933	259	588	1
21	639	400	515	3
22	830	298	555	1
23	880	286	619	1
24	770	332	558	3
25	888	273	564	1
26	893	272	558	3
27	1158	192	651	1
28	992	238	598	1
29	913	264	626	1
30	914	260	667	1
31	816	300	579	3

June

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	851	288	608	3
02	844	290	618	1
03	748	337	598	1
04	805	306	620	1
05	947	246	653	1
06	926	259	647	3
07	977	231	718	1
08	916	252	665	1
09	859	280	623	1
10	827	300	609	3
11	952	246	655	1
12	846	288	609	2
13	808	310	632	1
14	812	305	575	1
15	931	259	632	1
16	936	255	638	1
17	967	240	638	1
18	968	242	678	1
19	964	243	667	2
20				
21	843	288	616	1
22	914	268	634	2
23	965	245	654	1
24	956	246	626	1
25	935	256	642	2
26	860	288	610	2
27	1138	186	767	1
28	1190	178	775	1
29	956	249	622	1
30	919	264	577	1

July

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	839	294	572	2
02	876	278	572	1
03	860	277	593	1
04	842	282	595	1
05	742	331	514	3
06	924	248	653	1
07	982	225	681	1
08	864	270	593	3
09	838	280	592	1
10	824	292	603	1
11	870	280	633	2
12				
13	755	337	569	3
14	932	259	668	1
15	1044	212	695	3
16	909	259	668	3
17	916	252	707	2
18	936	241	709	2
19	879	263	656	1
20	951	238	667	2
21	1269	142	731	3
22	839	286	637	2
23	1009	220	723	2
24	1032	218	746	1
25				
26	971	242	616	1
27	1068	213	657	1
28	922	269	633	3
29	1138	195	678	1
30	1060	216	740	1
31				

August

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	928	254	645	3
02	1113	195	754	3
03				
04	1075	275	666	2
05	927	256	663	3
06	934	251	653	3
07				
08				
09				
10				
11	1060	212	724	3
12	1019	221	716	1
13	930	252	645	2
14	755	335	573	3
15	826	290	602	1
16	985	230	693	2
17	964	244	635	2
18	943	250	694	2
19	981	227	685	2
20	980	234	710	1
21	960	240	693	3
22	1090	190	724	3
23	1074	197	653	1
24	1098	192	715	1
25	1011	219	691	3
26	1140	174	754	1
27	997	223	685	3
28	895	264	655	2
29	994	226	644	2
30	1047	213	745	1
31	1184	173	810	1

September

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01				
02				
03	726	348	599	3
04	1150	191	670	1
05	890	270	563	2
06	1032	214	674	1
07	975	228	714	1
08	972	226	721	3
09	980	228	694	2
10	900	263	662	2
11	986	224	661	3
12	969	231	690	3
13	1054	211	719	1
14	1021	226	609	1
15	970	247	644	3
16	960	236	620	3
17	913	255	661	3
18	935	245	695	1
19	918	252	684	3
20	1019	215	758	2
21	933	246	702	3
22	969	234	732	2
23	914	258	666	2
24	890	264	650	2
25	979	231	708	1
26	805	304	616	2
27	962	240	630	3
28	911	256	662	2
29	725	342	637	1
30	1112	181	755	1

October

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	820	296	646	3
02	802	308	616	3
03	876	273	655	2
04	1054	208	642	2
05	786	318	606	3
06	850	290	649	3
07	979	236	678	1
08	1030	230	655	1
09	943	256	700	1
10	966	248	702	2
11				
12				
13	960	238	674	3
14	1039	211	678	1
15	858	285	635	2
16	884	272	626	2
17	974	236	689	1
18	979	233	712	1
19	924	254	652	3
20	1015	221	686	2
21	961	244	691	2
22	985	232	659	2
23	863	283	607	2
24	947	246	613	1
25	912	264	632	1
26	897	268	590	1
27	926	256	636	1
28	870	280	572	2
29				
30				
31				

November

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	757	341	523	1
02	879	288	569	2
03	943	258	616	1
04	943	258	616	2
05	956	252	623	1
06	966	245	611	1
07	810	312	533	2
08	895	270	623	1
09	870	282	612	1
10	871	282	608	2
11	927	257	603	1
12	936	265	580	1
13	1022	228	644	1
14	767	334	526	2
15	822	306	509	1
16	548	460	432	2
17	927	266	570	1
18	986	242	627	1
19	1067	218	610	1
20	716	364	490	2
21	826	310	532	2
22	793	324	520	2
23	854	292	580	2
24	936	259	594	1
25	916	269	567	1
26	847	300	564	1
27	883	284	543	1
28	826	312	546	1
29	774	336	556	2
30	842	304	572	1

December

DAY	GEO-POTENTIAL	PRESSURE	TEMPER-ATURE	TYPE
01	889	279	591	1
02	880	284	540	1
03	998	238	601	1
04	937	262	598	1
05	648	400	417	1
06	876	288	557	1
07	929	268	597	3
08	996	245	621	1
09	990	250	517	2
10	721	367	455	3
11	754	344	504	1
12	836	305	515	1
13	876	287	491	1
14	819	304	484	1
15	875	290	546	1
16	840	298	514	1
17	833	302	534	1
18	894	280	567	1
19	978	250	638	1
20	941	260	612	1
21				
22	876	290	566	1
23	976	254	589	1
24	976	254	604	1
25	935	270	546	2
26	1003	257	565	1
27	852	304	516	2
28	756	349	505	1
29	788	332	487	1
30	890	288	522	2
31				

Results of Upper Wind Observations,
DAVIS 1960

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	12	07	30									12	31	13	12	17	20	18	29				
1	01	23	09	19	09	37	05	27	05	37	08	18	12	34	13	06	20	11	18	24	20	47	21	30
1	02	12	06	13	06	25	07	33	06	25	08	20	11	28	15	12	22	12	24	21	22	17	23	14
1	02	23	06	09	06	26	06	31	04	75	18	24	22	42	02	20	04	07	27	07	26	10	24	07
1	03	12	05	26	05	35	05	47	06	27	06	36	07	21	08	14	06	08	15	02	33	04	24	06
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2	01	23	12	16	10	16	07	12	09	10	12	10	16	15	18	39	18	73	69	05	07	87		
2	02	06																						
2	02	12	5	26	02	33	06	30	06	20	10	14	06	16	07	23	10	06						
2	02	23	07	16	06	31	05	28	05	23	05	30	05	37	05	52	05	81			24	12		
2	03	06	04	20	04	22	10	04																
2	03	12																						
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2	04	06																						
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2	04	23	09	12	09	12	09	14	09	20	06	36	10	08										
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2	06	06																						
2	06	12	07	22					09	14	03	30	08	12	07	14			09	08	07	07	12	07
2	06	23	10	05			05	07	13	05	05	02	13	04	04	11	09	07	11	10				
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2	07	12	02	17	08	22	07	10	07	04	07	02	07	02	08	04	09	05	10	05			13	05
2	07	18	03	12	03	20	04	15	04	13	05	09												
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Results of Upper Wind Observations,
DAVIS 1960

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	
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2	08	12	24	07	20	08	23	02	21	05	15	02	12	03	09	04	12	03						
2	08	18	14	05	00	00	04	03	21	02	20	02	17	05	09	02	13	02	17	02	23	04	19	06
2	08	23	10	10	11	11	07	09	06	08	06	06	06	06	05	06	30	03	28	10	27	22	24	17
2	09	06	03	18	03	21	03	19	07	16	05	18	08	08	03	12	36	09	25	18				
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2	12	23	09	14	10	42	03	34	04	19	07	10	08	20	09	15	36	07	04	09	10	01	07	18
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2	13	12	06	13			12	06	10	06	10	11	09	11	11	13	15	17	11	12				
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2	14	06	36	18	02	16	07	08	10	09	07	06	13	05	08	10	07	15	03	15				
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2	14	23	04	17			04	29	06	17	09	19	07	26	06	26	07	36	07	32	06	34	05	19
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2	18	06	36	08	01	08	31	10	22	17	23	14	19	05										
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2	18	18	29	09	36	05	24	03																
2	18	23	09	03	10	12	34	12	23	08	26	11	29	11	28	26	27	14	27	16	03	12	27	08
2	19	06													27	22	26	24	27	21				
2	19	12	02	10	05	07	06	08	23	05	23	02			17	16	27	53			25	26		
2	19	23	12	13	17	03							22	22										
2	20	06	31	03	33	03	21	11	21	09	22	19												
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2	22	06																						
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2	23	06																						
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2	24	06	12	10			19	08	19	07	23	09	21	14	25	08								
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2	24	18	13	03	09	07	03	14	06	08														
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2	25	06																						
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2	25	18	11	03			20	05																
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2	26	06																						
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2	26	23	24	03	20	12	25	08	21	05	25	24	28	27	27	26	28	41	29	28	20	24	18	36
2	27	06	25	10	23	06	25	07																
2	27	12	21	05	16	08	20	03	25	08	25	12	25	08	25	20	24	29	25	28	25	29	26	23
2	27	18	11	15			08	05																
2	27	23	07	05							23	18	32	09	32	18	29	38	28	42	31	74	30	63
2	28	06																						
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2	29	06	04	22	05	27	01	42	05	10														
2	29	12	06	12			06	08	09	06	09	07	16	03	19	10	19	02	20	06				
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3	01	18	03	13			04	20																
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3	02	06	04	20	03	19	05	13	19	03														
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3	03	06																						
3	03	12	04	12	05	09	08	08	12	04							29	25	29	18				
3	03	23	08	04	12	09	27	05	19	08	20	12	22	46	27	10	30	26	31	25	25	35	28	12
3	04	06	03	05	04	07	30	02																
3	04	12	04	07			33	06	36	12	34	15	31	21	29	23	30	26	31	23	29	20		
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Results of Upper Wind Observations,
DAVIS 1960

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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3	05	12	17	10	13	11	21	04			26	06			27	23	26	23	27	27	26	17	26	27
3	05	23																						
3	06	06	23	11	24	10																		
3	06	12	21	12	18	20	23	18	22	22	23	28	23	38	24	42	23	80	24	73	26	48		
3	06	18	12	09	13	02			23	15	25	20	26	34	25	47								
3	06	23	05	06	05	24	05	11	05	10	34	15	31	24	29	41	29	64	29	73	29	86	29	16
3	07	06																						
3	07	12	00	00	18	04	29	04	25	08	27	06	26	09	27	12	28	14	28	23				
3	07	23	26	05			28	04	25	21	24	29	25	38	24	36	25	51	25	45	25	44	27	41
3	08	06																						
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3	08	23	12	12	14	16															18	59	28	26
3	09	06	08	07	06	15	03	16	07	11	20	12	25	08	29	09	29	33	29	55	30	82	30	58
3	09	12	08	07	06	15	03	16	07	11	20	12	25	08	29	11	29	33	29	60	30	82	30	64
3	09	18	10	09			35	04	34	02	25	09	24	07	25	09								
3	09	23	08	06	09	23	32	08	33	07	27	08	26	18	27	13	27	16	26	17	26	27	27	39
3	10	06																						
3	10	12	01	12			01	11	30	07	27	17	25	08	25	30	26	52	25	40	28	26	27	32
3	10	23	29	10					32	09	32	19	31	33	24	39	26	48	26	56	26	44	26	40
3	11	06																						
3	11	12	35	05	08	03	03	07	31	05	29	06	27	10	26	15	27	17	27	15	27	15	26	13
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3	12	06																						
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3	13	06																						
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3	14	12	14	04	17	13			14	06	13	12	15	19	22	14	24	11	27	26	27	16		
3	14	18	11	10	09	09	21	07	29	01	23	07	26	09										
3	14	23	05	08			34	06	31	12	32	19	27	37	28	25	28	35	27	43	27	35	26	26
3	15	06																						
3	15	12	04	30					35	15	32	04	20	17										
3	15	23	27	06			24	11	03	20	02	41	34	28	30	26	31	35	32	50	31	50	29	39
3	16	06	27	02	33	06	32	04																
3	16	12	00	00	05	04	04	20			31	34	31	34	30	42	29	20	29	25	29	25	28	25
3	16	23	04	40	06	59	01	28	35	10	06	04	34	24	32	30	29	35	29	37	27	38	27	19
3	17	06																						
3	17	12	06	02			06	02			30	23	28	22	29	26	28	28	27	30	28	28	28	24
3	17	23	14	06	09	19	03	38	04	35	02	09	34	19	31	19	28	33	30	32	30	37	29	41
3	18	06																						
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3	19	06	22	12	18	06	05	07	10	13	15	07	08	04	34	12	34	17	30	21	30	20		
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3	21	23	21	04											31	10	28	42	28	44	28	43	26	54
3	22	06																						
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3	25	23	12	25	13	36	16	16	17	19	18	29	20	25	20	45	21	66						
3	26	06	15	14	11	10	13	11	16	20	17	25	19	28										
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3	26	23	13	31	13	68	20	14	17	34	17	29	18	56	18	59	20	57	20	86	20	48		
3	27	06	13	22	13	24	13	34	13	22	09	98	01	17										
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3	29	12	06	10	05	13	03	21	02	15	31	08	36	11	33	14	33	09	28	26	26	22	27	27
3	29	23	19	03					05	35	06	11	19	06	29	07	31	10	30	26	32	19		
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3	30	12	00	00	04	07	34	06	05	09	12	14	14	16										
3	30	18	13	07	09	05	04	09	02	13	15	06												
3	30	23	11	06	10	20	06	09	08	16	10	14	12	16	14	09	22	03	05	07	29	06		
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3	31	12																						
3	31	18	09	15	07	24	05	25	06	13														
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Results of Upper Wind Observations,
DAVIS 1960

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	
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4	01	23	05	12	06	30	04	32	04	42	04	29	01	11	01	08	25	31	26	27	25	26	27	31
4	02	06	05	13	05	19	05	21																
4	02	12	10	04					06	10	10	12	11	05	21	19	22	28	24	15	24	29	24	17
4	02	18	00	00	35	06	36	01	14	04	11	04												
4	02	23	13	05							21	08	22	17	22	14	23	33	24	33	25	32		
4	03	06	13	08	01	02																		
4	03	12	08	02																				
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4	04	23	00	00									22	08	24	20	24	29	24	50	24	38	24	49
4	05	06																						
4	05	12	07	07																				
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4	06	06	13	08	10	03	01	20																
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4	07	06	12	02	08	11	04	21																
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4	09	06																						
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4	11	01	04	03					27	07	26	18	27	23	27	31	27	57	27	63	27	77	27	50
4	11	06	24	02	26	03	26	09	27	11	27	22	26	24	26	45	26	47						
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4	12	12																						
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4	19	06																						
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4	24	12																						
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4	27	06	12	05	07	08	04	15	19	04	23	18	22	30	24	37	24	54	24	60	26	40	25	72
4	27	12																						
4	27	18	12	04	07	09	04	18	04	07														
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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	
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4	29	18	12	08					09	13	10	09	15	12	21	08								
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5	02	18																						
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5	03	18																						
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5	08	06																						
5	08	12																						
5	08	18																						
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5	10	18	00	00	04	04	05	02	05	09	04	14												
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5	11	06	15	04							29	06	31	10	29	17								
5	11	12																						
5	11	18																						
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5	12	18																						
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5	13	18	13	03	11	05	06	10	06	38	06	52	05	38										
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5	14	18	15	07	08	13	03	08	05	08														
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5	17	06	14	06	07	09	05	14	07	08	20	07	24	16	25	34	24	59	25	44	26	35		
5	17	12	06	35																				
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5	18	06																						
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5	18	18	06	24	05	29	03	12	16	06	35	11												
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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	
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5	19	18																						
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5	20	06																						
5	20	12																						
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5	21	06	15	08	12	03	05	17			06	23	06	15	06	21	05	26						
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5	26	12																						
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5	27	18																						
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6	05	18																						
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6	08	01	17	01	04	09	09	05	04	05	09	03	03	05	24	03	00	00	25	11	25	15	25	24
6	08	06	00	00			30	05	25	04	18	02	22	06	29	09	30	11	27	19	26	22	28	25
6	08	12																						
6	08	18	05	17	05	20	04	25	12	11	18	02												
6	08	23	04	09	05	24	05	19	09	03	17	03	03	09	02	07	35	16	30	09	30	14	27	27
6	09	12	08	02	08	09	00	00	20	03	22	04	10	06	06	06	08	05					28	14
6	09	18	07	07	03	14	04	05	21	05	21	09	20	06										
6	09	23	07	07	07	24	03	12	14	02	26	05					21	03	32	02	29	14	30	21
6	10	12	07	04	07	17	04	15	07	13	31	02	26	08	27	15	26	18	27	25	27	20	26	32
6	10	18	00	00	05	15	04	23	05	10														
6	10	23	00	00	09	06	06	27	04	17	01	10	34	11	33	22	29	19	27	31	27	40	25	25

Results of Upper Wind Observations,
DAVIS 1960

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	
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6	11	12																						
6	11	18																						
6	11	23	34	02	14	06	23	10	08	29	09	15	25	17	25	14	24	29	24	23	25	29	26	36
6	12	12	34	14	16	15	22	09	20	21	19	05	21	17	21	31	20	32	23	40	24	40	26	28
6	12	18																						
6	13	01	28	09	07	18	04	23	34	05	29	08	32	10	30	27	28	27	27	23	25	26	25	49
6	13	12	31	04	18	19	04	21	02	02	23	15	24	07	25	23	24	32	25	42	25	34	26	49
6	13	18																						
6	13	23	27	04	15	09	04	11	03	10	03	10	26	17	28	35	25	55	25	65	26	65	27	36
6	14	12																						
6	14	18	36	05	35	08	05	16	01	27	36	21												
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6	15	12	13	10	13	07	35	03	10	02	19	03	31	04	25	06	29	05	16	16	33	11		
6	15	18	14	05	10	11	26	19	11	06	17	07												
6	16	01	18	08	16	12	05	04	01	15	35	06	05	04	28	01	01	02	32	02	31	06	34	19
6	16	12	11	06	11	10	05	10	08	12	09	12	09	08	09	16	08	15	06	13	01	14	02	18
6	16	18																						
6	16	23	07	20							07	29	07	25	07	22	08	32	11	14	09	14	08	11
6	17	12																						
6	17	18																						
6	17	23	03	32	07	63	05	60	05	57	05	30	05	24	07	34	05	26	04	37	01	17	02	15
6	18	12	08	15									04	13	02	12								
6	18	18																						
6	18	23	13	07	12	19	05	25	06	14	05	16	05	13	05	19	35	17	10	10	05	05	31	04
6	19	12	01	05																				
6	19	18	13	04	12	02	16	02	30	02	28	11												
6	19	23	13	08	15	07	07	05	14	06	14	05	12	08	15	06	31	01	24	07	00	00	25	26
6	20	06	11	04	03	02	03	07	07	05	13	10	15	05	19	05	22	05	23	17	24	12	24	17
6	20	12	11	08			12	03			17	07	21	09	21	08	25	11	24	16	25	27	25	34
6	20	18																						
6	20	23	11	07	12	14	18	09	18	10	13	26	20	22	21	18	22	27	23	35	23	46	25	26
6	21	06	12	10	07	04	27	01	21	12	21	15	22	18										
6	21	12	11	09			00	00	00	00	23	06	23	16	24	28	24	35	25	48	26	26	27	32
6	21	18																						
6	22	02	02	16	04	33	02	39	33	19	29	27	31	32	29	47	27	50	28	72	27	92	27	20
6	22	12																						
6	22	18																						
6	22	23	07	03			07	21	05	35	03	22	01	22	30	23	29	24	26	19	26	17	24	25
6	23	12	00	00	10	08	04	10	04	05	33	05	35	05	32	04	28	02	25	02	30	03		
6	23	18	00	00	01	06	04	26	04	30	02	16	06	16	03	10								
6	23	23	10	01	12	11	04	19	03	25	01	21	35	17	34	14	34	10	35	08	02	04	27	05
6	24	12	11	10	12	11	05	11	12	07	14	05	21	09			32	05	32	03	29	12	29	16
6	24	18																						
6	24	23	11	08	11	11	09	09	17	08	15	25	13	31	18	10	24	11	34	12	29	06	26	07
6	25	06	10	13	06	09	04	22	15	16	11	14	16	07	16	09	31	10	33	07				
6	25	12	10	06	08	04	07	25	10	18	13	09	15	07	24	11	32	10	00	00	30	14	29	23
6	25	18	08	10	05	09	05	19	09	07	08	07	16	02	27	05								
6	25	23	04	08	05	15	04	23	05	15	33	04	32	02	34	05	35	09	33	12	31	19	30	20
6	26	12	04	18	08	24	04	14	05	12	33	10	35	10	34	11	35	14	33	18	31	21	31	28
6	26	18																						
6	26	23	04	09	06	17	06	30	05	26	06	17	35	12	35	22	32	41	32	41	32	45	31	32
6	27	12	12	01	07	10	05	34	05	19	01	18	36	22	34	35	35	34	34	35	29	46	33	39
6	27	18																						
6	27	23	00	00	09	17	05	21	03	24	03	19	05	31	01	35	34	46	35	63	33	53	33	50
6	28	12	11	08	11	18	08	10	13	12	09	19	07	19	08	23	03	29	36	32	36	60	36	64
6	28	18																						
6	28	23	23	05			03	15	05	28	06	11	12	25	05	37	02	20	36	34	01	44	35	28
6	29	12	04	13					04	19	05	21	03	18	02	21	02	21	36	15	27	20	30	27
6	29	18																						
6	29	23	29	05	17	06			01	16	03	19	01	14										
6	30	12	07	10	08	14	04	19	01	15	01	13	35	11	32	16	31	24	31	23	32	33	31	27
6	30	18																						
6	30	23	18	03			04	21	01	13	34	04	29	10	30	19	29	28	29	29	32	19	31	30
7	01	06																						
7	01	12	00	00	20	08	28	06	28	11	26	16	28	10	35	09	32	24	33	21	17	08	56	30
7	01	18																						
7	01	23	20	03			21	13	33	18	33	19	32	17	29	25	33	18	31	20	30	21	29	29
7	02	06																						
7	02	12	22	03	20	06			36	13	36	14	31	06	26	29	26	23	27	20	28	33	28	36
7	02	18																						
7	02	23	00	00	09	09	32	02	02	02	26	11	27	36	27	32	25	25	25	18	25	28	26	40
7	03	06																						
7	03	12	12	02	19	08	19	09	20	14	20	21	22	25	22	24	18	34	24	30	25	31	27	30
7	03	18	20	04	19	09	21	14	23	11	21	18	22	27										
7	03	23	00	00	12	14	22	20	22	16	22	29	22	31	23	64	22	63						
7	04	06																						
7	04	12	00	00	15	17	21	10	22	22	23	27	23	42	23	34	25	33	25	46	74	04		
7	04	18	12	02	00	00	09	03	20	03	22	19	23	27										
7	04	23	08	08	07	17	04	27	31	02	29	05	29	08	27	48	27	74						
7	05	06																						
7	05	12	09	03	14	07	00	00	08	09	05	01	12	01	23	03	36	22	06	09	29	22		
7	05	18																						
7	05	23	00	00	17	15	10	06	12	08	16	13	21	09	24	10	17	05			29	04	27	25

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
7	06	06	08	02	03	07	03	04	17	04														
7	06	12	8	06	11	06	32	05	20	13	19	12	20	10	19	12	17	12	10	18	16	12	22	19
7	06	18																						
7	06	23	12	06	13	09	25	09	22	16	22	26	23	27	23	29	22	44						
7	07	06																						
7	07	12	09	06	00	00	00	00	25	10	25	15	24	23	24	27	25	46	24	51	25	47		
7	07	18	00	00	07	02	12	01	13	01	24	08							27	22	25	21	26	37
7	07	23	16	01	12	14	06	23	07	19	11	06	25	03	25	09								
7	08	06																						
7	08	12	10	10	13	16					10	11	15	06	14	09	17	06	18	05	19	05	24	24
7	08	18	10	09	07	13	32	03	00	00	14	07	13	12										
7	08	23	11	13	10	09	34	06	24	10	19	14	18	18	19	19	21	24	22	23	22	19	23	26
7	09	06	07	10	02	09	36	04	22	20	21	19	20	16	22	25	20	29	22	24				
7	09	12	15	02	14	05	12	09			21	20	24	19	23	16	24	14	24	15	24	22	24	40
7	09	18	08	10	04	09	03	15	05	12														
7	09	23	07	10	07	28	02	28	04	10	26	03	25	14	27	17	27	21	27	28	26	21	25	36
7	10	06	05	12	06	29	04	50	04	32	03	11	01	11	31	15	30	20	29	23	29	31		
7	10	12	04	33	06	25	06	32	05	12	01	03	35	06	30	08	28	13	27	21	26	29	27	39
7	10	18																						
7	10	23	00	00	14	09	08	07	06	16	11	03	01	06	35	03	33	08	29	12	31	17	29	23
7	11	06																						
7	11	12	17	04	09	07	07	18	07	17	05	20	04	32	06	15	06	16	02	10	02	16	03	06
7	11	18																						
7	11	23	20	15	18	31	19	08	10	11	08	25	05	32	06	25	08	11	36	07	01	05	31	16
7	12	06																						
7	12	12	04	06			03	13	01	04	05	09	04	11	36	05	33	04	30	13	29	20	30	22
7	12	18																						
7	12	23	02	17	05	28	05	40	04	16	06	05	28	12	26	04	26	61	25	47	27	39	27	50
7	13	06	04	10	03	18	06	36	04	17	05	22	05	21										
7	13	12	14	05			06	22	05	14	27	08	24	56	29	25	29	21	29	33	28	32		
7	13	18																						
7	13	23	18	08	15	11	06	39	06	45	03	16	35	19	32	27	32	33	31	53	31	75	31	75
7	14	06																						
7	14	12	05	13	07	22	07	54	06	48	07	36	07	26	07	24			02	84	03	48	36	29
7	14	18																						
7	15	01	05	14	07	40	05	42	05	63	04	38	06	15	06	25	09	16	02	09	34	15	36	19
7	15	06																						
7	15	12	04	30	08	28	03	36	03	49	04	72	07	32	03	15	36	32	27	21	23	28	27	17
7	15	18																						
7	15	23																						
7	16	06																						
7	16	12	08	10	10	22	05	27	06	22	08	18					07	18	06	08	32	07	27	16
7	16	18	10	06	06	12	04	25	04	34	06	21												
7	17	01	09	05	09	17	04	14	06	07	15	07	13	04	08	11	03	18	08	12	35	05	25	10
7	17	06	09	02	06	11	01	20																
7	17	12	10	01									07	07	21	01	00	00	07	01	00	00	27	21
7	17	18	00	00	03	12	04	27	05	13	13	05	08	01	07	01	19	03	36	05	06	04		
7	17	23	00	00	09	14	04	22	08	12	07	09	09	04	12	07	16	07	13	03	24	12	24	26
7	18	06	00	00	05	06	05	21	08	16	08	11	09	14	09	13	15	14	19	13	20	14	21	27
7	18	12	11	09	11	10	06	09	13	07	17	10	13	01	18	17	25	11	23	27	24	48	24	44
7	18	18																						
7	18	23	00	00	17	14	22	12	21	14	20	17	20	21	21	31	21	37	21	61	22	84	23	73
7	19	06	16	07	19	12	13	03	19	08	21	14	21	20	21	33								
7	19	12	21	06	17	07	35	03	30	07	25	18	25	18	25	35	25	45	24	63	24	81	24	52
7	19	18	00	00	22	06	21	01	25	11	27	22	25	11										
7	19	23	12	03	10	12	23	06	28	07	25	11	24	28	25	30	24	47	25	63	25	81	25	92
7	20	06																						
7	20	12	00	00			04	20	05	09	05	04	34	04	33	04	29	21	29	21	28	35	28	42
7	20	18																						
7	20	23	3	07			07	09	07	19	09	10	09	10	04	08	34	11	30	18	29	33	29	39
7	21	06																						
7	21	12	12	03	13	08	08	14	07	18	06	08	04	10	35	10	34	15	33	26	36	22	29	33
7	21	18																						
7	21	23	09	05	11	15	05	17	04	19	01	03	08	12	36	09	36	12	32	26	31	37	30	41
7	22	06	7	07	05	11	05	19			06	14	05	10	07	12	04	08	36	09				
7	22	12	06	05			05	19	07	06	05	08	03	06	34	13	33	15	31	26	27	17		
7	22	18																						
7	22	23	04	13	06	27	03	35	08	10	34	05	02	06	02	12	04	18	36	09	29	09	30	17
7	23	06																						
7	23	12	03	11			12	10	21	04	22	03	21	05	13	05	14	08	21	10	23	19	23	27
7	23	18	13	05	00	00	07	06	18	08	21	14	19	11	16	19								
7	23	23	00	00	15	07	19	04	20	14	20	12	19	15	18	20	18	19	20	28	23	31	24	35
7	24	06																						
7	24	15	09	07	11	11	04	17	06	04	29	01	24	01	27	07	24	20	24	38	24	31	24	36
7	24	18																						
7	24	23	12	05			07	13	06	10	05	14	04	06	33	03	25	19	27	25	26	19	27	27
7	25	06	00	00	13	04	06	13	07	06	07	05	03	06	00	00								
7	25	12	18	09	18	16	30	01	17	04	01	03					25	18	27	16	29	14	29	26
7	25	18	21	01	22	10	06	10	20	03														
7	25	23	00	00	19	12	03	07	36	04	35	04	35	07	29	18	33	18	34	31	33	24	32	26
7	26	06	00	00	23	04	27	03																
7	26	12	10	03							03	14	35	15	33	21	30	18	28	31	28	35	29	38
7	26	18																						
7	26	23	09	03	08	25	05	47	05	47	05	20	09	14	03	16	36	20	36	29	36	26	30	40
7	27	06																						
7	27	12	05	31			07	44	05	58	06	34	07	35	35	08	04	34	01	23	03	28	35	30
7	27	18																						

Results of Upper Wind Observations,
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MONTH	DAY	HOUR	SURFACE		1000 FEET		3000 FEET		5000 FEET		7000 FEET		10,000 FEET		15,000 FEET		20,000 FEET		25,000 FEET		30,000 FEET		35,000 FEET	
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt
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7	28	06																						
7	28	12	06	48																				
7	28	18																						
7	29	01	07	45																				
7	29	06																						
7	29	12																						
7	29	18																						
7	29	23																						
7	30	06																						
7	30	12																						
7	30	18																						
7	30	23	00	00	13	10	10	04											24	06	29	17	29	32
7	31	06																						
7	31	12	00	00	07	06	28	10	20	04	24	13	24	27	24	25	24	36	26	28	27	57	27	32
7	31	18																						
7	31	23	00	00	11	09	02	02	25	06	25	08	25	20	25	26	24	82	24	89	74	28	74	32
8	01	06																						
8	01	12	00	00	09	06					02	05	02	19	01	15	35	28	34	44	34	47	32	75
8	01	23	07	17	08	32	06	44	06	59			05	18	05	12	33	40	32	44	34	52	34	50
8	02	06																						
8	02	12	09	09	07	08	06	38	05	49	07	23	11	23	36	09	35	10	35	23	32	24	33	18
8	02	23	09	08	08	37	06	35	06	61	05	47	06	29	07	21	11	04	00	00	02	11	02	13
8	03	06																						
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8	03	23	05	12	06	43	04	40	03	23	04	26	04	23	04	23	05	16	02	14	32	05	33	10
8	04	06																						
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8	04	23	04	07	06	25	04	22	03	18	05	09	01	08	05	14	05	23	05	24	02	12	31	11
8	05	06																						
8	05	12	08	06	09	13	05	23	05	12	05	04	35	03	32	04	35	05	31	07			31	15
8	05	23	11	06	09	15	04	27	06	13	34	03	32	11	31	20	28	15	30	13	32	11	29	07
8	06	06																						
8	06	12	17	02	15	05					03	06	35	09	33	14	28	27	33	17	32	15	32	20
8	06	23	00	00	00	00	00	00	12	02	04	15	02	19	34	29	33	31	33	35	33	26	33	33
8	07	06	12	06	09	08	04	15	05	15	05	14	01	17	35	31	34	43						
8	07	12	12	05	17	09	10	02	01	03			29	25	28	58	28	34	28	38	28	24	29	22
8	08	01	20	09	16	13	05	09	15	08	21	13	08	05	06	13	02	37	03	44	02	44		
8	08	06																						
8	08	12	22	06					06	14	10	15	05	14	05	17	05	15	03	18	05	12	31	15
8	08	23	11	03	08	14	04	11	06	15	07	11	10	12	05	18	06	38	07	23	04	30	02	18
8	09	06																						
8	09	12	04	03	12	10	05	26	05	29	04	25	05	16	07	20	05	26	05	30	03	30	36	18
8	09	23	00	00	14	04	04	31	04	28	04	33	03	20	03	24	03	33	36	30	34	20	36	27
8	10	06																						
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8	10	23	09	20	10	33	06	40	06	24	09	34	09	28	07	37	09	31	13	18	16	10	23	09
8	11	06																						
8	11	12	08	12	08	15	05	36	05	32	07	28	07	35	05	32	05	28	36	06	03	18	30	12
8	12	02	12	05					10	17	07	20	07	23	06	42	06	34	07	24	34	11	32	07
8	12	06	05	05	07	09	05	29	05	30	06	29	07	31										
8	12	12	05	07	08	22	05	23	06	18	08	16	08	17	04	31	04	26	01	06	31	12	25	13
8	12	18	11	05	05	08	05	27	07	15	07	17	04	20										
8	12	23	08	05	09	08	06	32	06	18	07	17	05	13	02	18	35	16	29	14	24	12	22	12
8	13	06	10	04	04	11	04	27	07	32	07	17	03	10	36	20	34	14						
8	13	12	00	00	15	07	06	15	06	05	06	07	23	02	31	05	25	07	29	07	21	13	20	20
8	13	23	10	07	10	11	05	28	11	05	20	05	26	03	23	04	00	00	00	00	23	10	27	16
8	14	06	10	09	06	07	05	29	06	19	08	14	16	05	23	05	21	05	23	11	00	00	21	07
8	14	12	08	02			07	18	07	05	08	05	21	14	20	10	23	11	16	09	17	07	30	12
8	14	18	13	04	07	08	06	22																
8	14	23	10	09	12	14	05	12	14	14	13	12	15	14	19	24	19	24	21	21	19	41	18	32
8	15	06	08	08	08	18	07	11	10	11	14	12	16	20										
8	15	12	13	07	15	17	08	05	14	09	18	22	19	19	20	33	22	21	21	47	22	28	21	40
8	15	18	13	07	11	08	04	16	05	23	07	22												
8	15	23	11	07	10	08	07	30	13	10	13	07	17	08	21	27	22	42	23	40	24	29	24	22
8	16	06	00	00	00	00	05	04	09	18	08	07	08	12	21	20	22	35	22	38	26	68		
8	16	12	11	07	21	04							02	60	22	21	23	23	24	30	26	35	20	50
8	16	18	00	00	19	07	05	07	06	15	07	21												
8	17	01	00	00	13	14	04	10	07	36	05	09	13	09	21	11	22	28	24	24	24	25	25	32
8	17	06	00	00	01	05	07	12																
8	17	12	07	03	09	07	06	19	11	08	08	04	13	05	22	12			24	10	26	18	26	22
8	17	18	05	16	05	20	05	41																
8	17	23	00	00	08	16	04	30	02	15	07	14	21	04	26	09	25	19	26	20	26	27	26	20
8	18	06																						
8	18	12	00	00																				
8	18	23	10	07	07	08	05	27	05	28	04	19	36	09	30	10	28	15	25	24	24	35	25	24
8	19	06																						
8	19	12	06	03			03	20	03	12	02	40	34	11	33	15	28	21	28	25	28	16	30	21
8	20	01	08	03	06	07	05	05	03	11	01	16	34	12	34	12	33	15	33	16	32	22	31	23
8	20	06																						
8	20	12	26	03	21	06	24	09	03	07	33	08	33	12	35	22	35	24	35	29	33	27	33	26
8	20	23																						

Results of Upper Wind Observations,
DAVIS 1960

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
8	21	06																						
8	21	12	11	08			20	04	25	16	25	38	25	30	27	33	27	33	27	25	27	31		
8	21	18	14	10	19	15	20	21	21	16	22	23	24	39										
8	21	23	17	09	22	09	24	04	23	06	25	10	24	18	25	13	23	22						
8	22	06																						
8	22	12	00	00	17	07	31	12	27	06	27	11	27	25	27	36	24	41	25	56	27	27		
8	22	23	00	00	00	00	06	10	35	08	36	05	33	10	29	18	27	24	28	33	27	36	28	36
8	23	06																						
8	23	12	00	00	12	07	05	21	06	08	04	05	34	08	31	10	29	15	30	16	29	27		
8	23	23	11	05			06	31	05	24	08	19	05	13	02	07	27	07	33	23	33	24	31	16
8	24	06																						
8	24	12	00	00	18	03			07	09			10	28	06	07	08	07	33	16	35	09		
8	24	23	09	05	09	05	17	05	15	06	18	05	19	09	20	08	21	09	25	09	31	11	28	10
8	25	06	09	04	05	05	36	07	09	01	21	12	21	16	22	18	22	13	22	15	23	19		
8	25	12	09	07	04	10	03	05	00	00	00	00			24	12	26	15	28	18	26	19	26	20
8	25	23	05	04	06	10			06	06	25	04	29	14	29	15	29	22	29	22	29	28	30	25
8	26	06	05	04	06	10	04	17	25	04	26	11	29	19	29	20	29	28	29	23	29	16	29	26
8	26	23	08	05	09	08	02	12	34	18	02	22	33	31	35	36	34	49	33	33	34	29	33	33
8	27	06																						
8	27	12	00	00	00	00	02	07	03	16	04	24	01	23	35	23	31	17	31	14	30	22	28	29
8	27	12	00	00	00	00	02	07	03	16	04	24	01	23	35	23	31	17	31	14	30	22	28	29
8	27	23	00	00	08	10	03	11	04	29	03	24	32	13	30	23	29	30	29	28	29	36	28	28
8	28	06																						
8	28	12	07	04	05	12	04	23	03	14	01	11	33	19	30	23	31	23	30	28	30	29	29	36
8	28	23	00	00	07	12	02	32	01	28	34	20	33	20	33	23	32	40	31	44	31	49	27	28
8	29	06																						
8	29	12	00	00			05	20	04	12	02	10	32	23	29	30	28	52	28	64	28	87		
8	29	23	04	09	06	18	04	14	10	19	31	10	30	17	26	26	28	30	28	38	28	56	28	55
8	30	06																						
8	30	12	13	13	14	16	06	06	04	05	36	06	17	12	36	04	33	12	33	15	33	55	33	35
8	30	23	08	04	08	22	05	20	15	16	18	16	09	18	09	23	07	33	06	18	03	11	36	22
8	31	06	12	02	07	08	05	23																
8	31	12	05	10	09	23	05	43	05	49	07	45	09	22	07	22	18	14	17	22	13	10		
8	31	23	07	26	09	67	06	40	05	40	07	47	07	29	08	34	09	35	03	27			36	17
9	01	06																						
9	01	12	07	26	08	30	07	54	06	70	05	57	06	27	06	61	03	14	36	33	31	14	35	23
9	01	23	06	34	08	60	07	45	06	32	07	50	07	56										
9	02	06																						
9	02	12	06	19	07	23	06	51	06	46	05	33	09	04	08	28	09	33						
9	02	23	06	24	07	55	05	40	03	31	05	06	02	07	03	16	03	15	30	05	06	11	30	05
9	03	06																						
9	03	12	07	07	09	17	26	12	32	01	06	08	14	12	24	01	27	10			27	11	30	29
9	03	18	10	03	09	11	10	09	19	04														
9	03	23	12	03	11	14	05	25	02	09	35	08	07	05	03	11	32	13	30	19	30	21	31	25
9	04	06																						
9	04	12	06	28	08	44	06	58	05	40	06	26	06	59	32	15	31	44	33	56	32	71		
9	04	23	09	31	10	78	07	112	06	90	05	88	25	54	15	41								
9	05	06																						
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9	06	01	04	07	07	23	35	12	34	09	30	09	31	18	29	29	28	53	29	62	29	78		
9	06	06																						
9	06	12	00	00	11	06	04	28	05	12	03	11	02	09	03	14	36	17	36	16	34	20	32	32
9	06	23	14	04	15	28	36	13	05	21	07	19	10	20	08	20	14	12	08	11	07	11	29	08
9	07	06																						
9	07	12	13	02	05	03	35	09	16	10	31	25	27	16	29	11	34	28						
9	07	23	00	00	04	23	01	25	01	23	02	19	36	14	32	25	34	28	31	25	29	20	25	30
9	08	06																						
9	08	12	18	02	19	10			03	15	03	08	27	28	26	29	26	33	25	42	25	46	26	64
9	09	01	18	14	20	20	33	03	33	08	26	33	26	37	25	50	26	73						
9	09	06																						
9	09	12	17	06	19	03	17	03	25	10	26	21	26	26	27	35	27	39	26	60	27	110		
9	09	23	00	00	06	13	05	22	09	06	24	01	01	05	28	22	28	38	28	43	27	62	27	56
9	10	06																						
9	10	12	00	00	18	06	06	19	11	14	09	14	08	04	29	06	28	16	28	15	29	30	29	35
9	10	23	10	09	13	15	07	06	08	15	09	05	15	18	23	10	26	14	27	21	22	20	26	25
9	11	06	10	07	09	18	05	07	09	19	13	08	15	14	21	13	25	22						
9	11	12	10	06	12	11	05	14	16	08	18	07	21	07	28	22	29	27			29	47	28	49
9	11	23	04	06	05	17	05	27	04	12	08	12	29	11	34	11	36	17	34	26	28	29	26	36
9	12	06	08	03	05	06	03	11	09	07	00	00	29	05	33	05	28	09	25	31	25	52	25	59
9	12	12	00	00	06	06	06	10	09	03	19	02	23	04	25	40	25	44	25	64	25	87		
9	12	23	06	12	08	30	05	35	06	28	00	00	20	03	28	30	29	43	29	55	28	61	28	61
9	13	06	13	06	17	12	05	14	06	19	14	08	29	06	29	16								
9	13	12	16	07					03	07	28	03	03	09	28	14	30	20	29	27	27	38	28	54
9	13	18	00	00	12	04	03	08	36	10	28	04	25	06										
9	13	23	00	00	14	05	03	04	08	04	28	04	26	11	26	25	26	52	26	67	30	70		
9	14	06	00	00	00	00	03	17	02	07	36	39	12	12	27	22	26	35	26	59	27	62	27	53
9	14	12	00	00	08	11			05	10	33	02			27	18	27	26	27	28	29	32	30	46
9	14	18	10	06	12	11	09	08	05	30	08	20	10	17	15	07	28	03						
9	14	23	11	11	10	26	05	09	04	12	08	12	10	23	10	09	11	13	34	11	34	14	34	26
9	15	06																						
9	15	12	12	02							02	20	01	18	06	09								
9	15	23	04	20	08	32	05	33	03	17	05	10	06	15	02	17	07	16	08	16	10	13	11	12

Results of Upper Wind Observations,
DAVIS 1960

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
9	16	06																						
9	16	12	07	03	08	10	15	04	19	07	16	10	06	04	14	08	15	10	11	03	13	06	25	05
9	16	23	06	07			05	19	08	12	26	18	22	11	09	04								
9	17	06	00	00	03	09	05	16	06	11	33	11	29	07	34	05	27	05			34	07	28	09
9	17	12	04	08	05	13	04	22	35	05	05	09	01	07	34	05	04	05	32	08	33	17	31	15
9	17	18	05	07	05	19	03	12	03	30														
9	17	23	04	12	04	30	03	21	02	13	02	13	35	07	33	08	03	13	05	12	01	14	29	10
9	18	06																						
9	18	12	00	00			04	08	05	07	07	05	23	08	00	00	00	00	25	09	25	18	28	26
9	18	23	04	24	06	28	03	21	07	21	05	22	28	06										
9	19	06																						
9	19	12	06	10	06	20	06	31	06	23	08	18	03	14	02	13	02	14	01	24	31	08		
9	19	23	02	25	08	54	04	43	06	40	05	18	09	20	07	25	09	26	07	33	10	29	07	16
9	20	06																						
9	20	12	00	00			07	11	08	08	07	14	08	11	06	17	11	08	33	24	10	08		
9	20	23	10	05	09	11	06	10	07	07	18	06	12	05	15	08	12	10	09	10	14	05	22	08
9	21	06	10	02	08	06	03	14	08	08	15	03	05	02	14	05	17	14	14	13	12	14		
9	21	12	05	02			04	08	02	08	27	05									23	07	26	12
9	21	23	09	02	06	13	03	14	04	18	02	12	36	10	01	05	31	07	32	07	23	17	26	20
9	22	06																						
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9	22	23	06	05	09	13	06	20	08	27	07	27	06	33	07	24	05	16	13	07	13	10	18	06
9	23	06	09	02	07	13	06	22	06	25	09	24	09	33	09	22	08	26	12	21				
9	23	12	13	03	13	08	06	08					12	16	13	15	15	25						
9	23	23	09	08	11	13	21	03	16	15	17	16	17	15	15	14	16	19	16	13	18	11	20	08
9	24	06	14	17	14	25	16	24	20	22	19	34												
9	24	12	00	00	04	05	19	03	23	27	23	32	23	27	22	16	19	13	29	06	23	01	23	08
9	24	23	03	22	05	50	05	48	04	33	30	17	01	14	35	12	36	18	01	06	32	04	29	09
9	25	06																						
9	25	12	07	02	08	12	04	20	08	14	04	12	04	10	03	05	24	11	24	17	00	00	24	30
9	25	23	11	08	13	05	14	11	21	09	26	02	29	04	23	08	24	35	25	48	24	68		
9	26	06	06	03	05	15	05	10	11	05	05	08	02	09										
9	26	12	08	02	05	05	06	17	07	08	06	09	01	06	27	17	28	25	26	58				
9	26	23	00	00			02	04	07	18	09	03	08	09	10	06	10	08	10	07	13	05	11	02
9	27	06																						
9	27	12	14	03	12	13	04	10	08	10	09	09	04	06	10	06	23	08	14	06	23	07	29	10
9	28	01	00	00	17	11	11	05	20	10	16	09	08	10	09	03	11	08	10	02	28	06	32	08
9	28	06	00	00	06	04	02	16	09	13	19	12	11	08	09	08	05	07	08	09	12	08	12	06
9	28	12	18	02	16	16	05	15	08	16	07	06	08	11	08	09			07	12	08	13	10	13
9	28	23	09	05	09	31	06	32	04	33	07	22	08	22	07	26	10	19	06	25	06	29	07	43
9	29	06	08	15	08	20	04	23	05	14	12	19	09	33	10	37	10	28	12	39				
9	29	12	09	02	09	13	09	18	08	14	12	14	13	15	15	11	15	15	17	20	16	17	17	18
9	29	18	09	13	07	13	03	16	06	13	10	21	10	15	08	17								
9	29	23	13	02	09	21	07	32	06	25	12	15	10	16	10	15	15	28	15	14	17	21	18	23
9	30	06																						
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9	30	18	12	08	07	05	07	02	08	06	08	09	09	04										
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0	02	01	12	02	06	19	05	43	05	29	05	12	02	05	04	08	04	07	22	04	23	11		
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0	03	06	26	05	25	10	26	06	30	13	18	15	30	28	20	24	20	37	21	51	21	83	22	79
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0	03	18	15	04	06	10	03	08	30	10	14	12												
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0	05	12	08	12	07	17	03	08	07	05	15	07	18	08	24	11	24	12	25	08	26	17		
0	05	18																						
0	05	23	15	04	09	08	05	09	07	13	11	04	20	07	25	16	23	22	25	24	25	23	28	15
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0	06	18	15	06			18	06	23	04	28	06	25	10										
0	06	23	14	05	13	06	27	04	32	04	31	09	27	11	27	12	29	09	19	24	24	10	29	18
0	07	12	00	00			18	08	26	14	04	02	35	06	35	05	36	05	33	12	31	16	30	19
0	07	18	15	08	13	10	14	11	17	27	19	22	17	20	04	27								
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0	08	18																						
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0	09	12	00	00	12	07	04	19	04	18	03	16	02	08	34	14	12	23	23	49	31	29		
0	09	18																						
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0	10	12	20	05			17	13			20	17	20	26	22	46	21	70	20	69	21	57		
0	10	18	12	07	07	13	11	04			16	16	19	20										
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0	11	18																						
0	11	23	07	27	08	64	05	58	06	45	06	39	07	36										

Results of Upper Wind Observations,
DAVIS 1960

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	
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0	12	18	07	20	08	28	03	17	07	62														
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0	13	18																						
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0	15	18																						
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0	16	18																						
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0	18	18	00	00	17	11	20	15	19	10	23	08	20	17	22	31								
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0	19	12	00	00	06	05	31	03	33	05	23	17	26	26	27	10	25	15	25	14	25	21	24	24
0	19	18																						
0	19	23																						
0	20	06	25	10	22	11	20	10	21	13	21	14	21	24	21	27								
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0	20	18																						
0	20	23	15	02	07	07	05	16	17	07	20	11	22	12	26	12	28	21	26	22	25	47	25	48
0	21	06	00	00	17	06	07	11	07	16	15	05	23	10	26	09	26	15	27	21	27	31		
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0	29	18																						
0	29	23																						
0	30	12																						
0	30	18															05	39	21	12	10	14	03	06
0	31	02	05	31													20	18	02	03				
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11	03	12	03	14			05	20	06	18	08	17	07	07	02	08	02	07						
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11	08	12	35	07	08	08	07	15	06	11	25	24	20	02										
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Results of Upper Wind Observations,
DAVIS 1960

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	
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11	12	12	05	30	06	30	01	23	05	25	36	21	36	17	02	14	03	15	06	12	04	11	33	11
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11	20	12	27	08									05	28	05	29	21	10	29	08	34	17		
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11	21	12																						
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11	25	06	36	08	01	11	06	13	07	10	07	13	10	06	07	07	04	12						
11	25	12	27	04									03	03	04	09	02	19	36	14	33	09	33	27
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12	01	18																						
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12	05	18	20	10	21	11	20	07	20	03	03	04	04	09	36	07	27	13	28	17	28	24	28	17
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12	06	18																						
12	06	23																						
12	07	06																						
12	07	12																						
12	07	18																						
12	07	23																						
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12	08	18																						
12	08	23																						
12	09	06																						
12	09	12																						
12	09	18																						
12	09	23																						

Results of Upper Wind Observations,
DAVIS 1960

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	
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12	10	06																						
12	10	12																						
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12	13	06																						
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12	13	18																						
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12	14	06																						
12	14	12																						
12	14	18																						
12	14	24																						
12	15	06																						
12	15	12																						
12	15	18																						
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12	18	06																						
12	18	12																						
12	18	18																						
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12	19	23																						
12	20	06																						
12	20	12																						
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12	21	06	04	28	04	22	06	25	08	22	06	23	09	22	08	31	08	33	06	37	05	43		
12	21	12	06	14	05	23	05	32	05	21	05	23	08	32	07	35	07	46	07	38	07	46		
12	21	18	04	12	05	16	05	23	05	23	07	21	08	23	07	29								
12	21	23																						
12	22	06	02	22	03	20	03	17	10	08	08	10	09	13	08	20								
12	22	12	02	10	01	11	09	16	11	08	06	19	09	12										
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12	22	23																						
12	23	06																						
12	23	12																						
12	23	18	19	12			13	02	06	08	09	09	14	09	13	18	14	23	15	20	15	13	25	06
12	23	23	17	10	17	10	17	06	10	07	05	08	11	10	14	14	15	17	13	14	14	09	17	09
12	24	06	01	04	01	09	05	16	05	34	05	25	05	26	03	30	05	17	04	16	04	14	05	13
12	24	12																						
12	24	18																						
12	24	23	07	09	06	15	05	24	06	22	07	17	06	18										
12	25	06																						
12	25	12																						
12	25	18																						
12	25	23	04	07	03	10	02	06	07	07														
12	26	06	35	05	02	09	07	08	03	10	13	03	19	27										
12	26	12																						
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12	26	23	04	12	03	10	06	02	20	02	20	02	17	03										
12	27	06	01	10	02	09	06	05	24	01	07	03	15	05	15	08	20	14	23	19	25	24	23	22
12	27	12	00	00	34	04	03	05	17	03	17	04	08	01	18	09	19	20	20	27	22	23	24	20
12	27	18	05	14	03	11	03	11	02	03	03	06	07	03										
12	27	23																						
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12	28	23																						
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12	29	12																						
12	29	18																						
12	29	23																						
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12	31	06	36	10	02	09	07	14	07	15	09	10	15	04	15	07	17	06	19	10	27	15	30	07
12	31	12																						
12	31	18																						
12	31	23																						

Results of Upper Wind Observations,
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MONTH	DAY	HOUR	40,000 FEET		45,000 FEET		50,000 FEET		55,000 FEET		60,000 FEET		65,000 FEET		70,000 FEET		75,000 FEET		80,000 FEET		85,000 FEET		90,000 FEET	
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt
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1	02	23	20	06	25	09	23	03	26	05	30	04												
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1	05	12	23	12	21	14	21	12	24	12	25	07												
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1	08	12	23	17	24	14	23	14	20	12	24	07												
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1	12	12	26	15	25	13	23	08	24	10	26	07												
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1	23	12	22	29	23	14	26	14	22	05	27	07												
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1	24	12	25	18	25	13	25	15	26	13														
1	24	23	27	19	27	24	26	21	25	21	26	17												
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1	27	23	24	25	24	20	24	15	23	25	23	14												
1	28	12	22	33	24	29	22	25	23	22														
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1	30	23	23	18	22	25	24	17	24	16														
1	31	12	24	30	27	11	22	16	24	14	23	13												
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2	08	06	14	09	22	08	18	07	21	05														
2	08	18	23	08																				
2	08	23	26	11																				
2	09	23	30	09	21	14	23	08	17	06														
2	10	23	22	31	22	51	26	43	33	26														
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2	12	12	31	17	31	04	24	03	21	02														
2	12	23	30	03	28	07	29	12	25	13														
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2	13	23	29	07	33	02	30	01	31	02														
2	14	12	31	48																				
2	14	23	02	07	02	18	05	08	35	12	33	05												
2	15	12	04	03	29	07	30	03	36	01	18	01												
2	15	23	08	03	06	01	09	01	22	05	28	03												
2	16	23	12	06	30	02	15	02	07	06														
2	17	12	35	08	22	13	21	05	34	11														
2	17	23	21	12	22	14	24	18	24	13	21	10												

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MONTH	DAY	HOUR	40,000 FEET		45,000 FEET		50,000 FEET		55,000 FEET		60,000 FEET		65,000 FEET		70,000 FEET		75,000 FEET		80,000 FEET		85,000 FEET		90,000 FEET	
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt
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2	20	12	27	45	28	37	27	57	28	40	29	36												
2	20	23	28	22	28	22	28	32	28	20	27	34												
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2	22	23	29	29	29	31	31	42	26	23	29	23												
2	23	12	78	25	27	22	28	23																
2	23	23	26	07	23	03	26	08	29	05	27	03												
2	24	12	27	13	27	10	25	12	27	12														
2	24	23	26	30	28	29	27	20	28	20	28	21												
2	25	12	27	18	29	15	28	25	28	09	22	05												
2	25	23	31	16	29	15	31	08	31	09	26	10												
2	26	23	26	100	21	13	24	22	36	04														
2	27	23	30	62	79	08	26	21	30	61	12	52												
2	28	23	32	10	28	23	28	13	28	48	23	21												
2	29	23	25	26	27	24	27	29																
3	01	23	26	15	27	22	26	22																
3	04	23	29	18	27	23	28	31	28	49	28	25												
3	05	12	26	27	27	19	27	24	27	29	26	28												
3	06	23	26	26																				
3	07	23	76	57	27	66	27	85	27	30	26	36												
3	08	12	28	41	28	36	31	13	27	45														
3	08	23	28	71	29	21	27	36	26	36	27	53												
3	09	06	29	42	29	44	28	44																
3	09	12	29	42	29	49	28	44	28	34														
3	09	23	27	46	26	38	28	42	26	36	27	46												
3	10	12	27	37	28	23	27	34	27	32	25	48												
3	10	23	26	43	27	57	26	35	27	43	26	30												
3	11	12	27	14																				
3	11	23	27	65	27	30	27	27	27	60	27	60												
3	12	12	27	26	27	26	27	38	27	31														
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3	14	06	27	55	27	47	26	48	27	53	27	53												
3	14	23	27	43	27	78	27	77	27	40														
3	15	23	29	32	28	30	25	22	28	31	27	51												
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3	17	12	29	35	28	31	29	32	28	33														
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3	18	12	28	24	28	16	27	09	26	21														
3	18	23	30	31	28	25	27	25	27	35	29	31												
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3	20	12	28	11	25	16	27	15	23	16	28	16												
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3	21	12	24	34	23	24	21	19	23	24														
3	21	23	25	52	26	56	24	55	26	50	24	70												
3	22	12	25	32	25	32	24	30																
3	22	23	27	41	28	31	27	35	27	35	21	86												
3	23	23	23	40	25	54	24	26	26	38														
3	24	12	28	41																				
3	25	06	23	47	22	35	23	35																
3	25	12	22	22	24	33	24	30																
3	27	12	22	09																				
3	27	23	26	31																				
3	28	06	27	50	27	45			26	18	26	19												
3	28	12	27	29	26	34	27	46																
3	28	23	27	19																				
3	29	06	27	34	27	37	25	28																
3	29	12	27	23	27	35	27	35																
3	30	23			24	21	25	12	24	07	25	12												
3	31	23	24	23	25	24	23	30	26	33														
4	01	12			26	25	26	32	27	35	23	50												
4	01	23	26	32	26	37	27	30	26	42														
4	02	12	27	23	27	25																		
4	03	23	26	60	23	32	24	68	26	21														
4	04	06	28	26																				
4	04	23	25	41	24	57																		
4	06	01	27	52	26	48																		
4	06	12	29	29	28	24	27	24	28	33														
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4	08	23	29	31	30	27	31	25	28	29														
4	09	23	31	25	29	25	30	43	30	31														
4	10	06	28	17	28	28	28	34	28	34														
4	10	12	27	22	28	26	28	37																
4	11	01	27	58	27	36	77	05	27	74														
4	11	23	77	50																				
4	13	12	30	33	30	41	32	50	30	52														
4	14	01	30	35	30	30	30	40																
4	14	12	30	18																				

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MONTH	DAY	HOUR	40,000 FEET		45,000 FEET		50,000 FEET		55,000 FEET		60,000 FEET		65,000 FEET		70,000 FEET		75,000 FEET		80,000 FEET		85,000 FEET		90,000 FEET	
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt
4	15	02	31	33	31	17																		
4	15	06	33	25	31	19	33	14	30	25	30	32												
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4	16	12	27	12	26	12	25	15																
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4	17	12	27	24																				
4	17	23	27	36	27	43	28	20	29	43														
4	18	23	31	26	32	35	31	49	30	31	30	40												
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4	19	23	30	22	30	30	31	35	31	39	29	38												
4	20	12	32	30	32	42																		
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4	21	23	28	08																				
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4	26	06	25	50	25	43	26	44	26	42														
4	26	12	25	63																				
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5	29	23	27	32	27	33	26	50	27	60														
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6	02	12	27	40	27	42	27	42																
6	02	23	27	35	27	31	29	48	28	91														
6	03	23	28	24	28	35																		
6	05	01	28	44	26	38																		
6	05	12	26	25	26	82																		

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MONTH	DAY	HOUR	40,000 FEET		45,000 FEET		50,000 FEET		55,000 FEET		60,000 FEET		65,000 FEET		70,000 FEET		75,000 FEET		80,000 FEET		85,000 FEET		90,000 FEET	
		GMT	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt	°×10	kt
6	06	01	35	52	31	42																		
6	06	23	28	17	25	26																		
6	08	01	20	37	27	46	26	52	26	70														
6	08	23	28	28	29	44																		
6	09	12	29	25	29	28																		
6	09	23	29	11																				
6	10	12	27	28	27	30																		
6	10	23	26	43	26	37	26	60																
6	11	23	27	39	26	55	25	54	26	85														
6	12	12	25	39	26	40	26	41	26	56	26	70												
6	13	12	25	66	28	92	26	56																
6	13	23	26	34																				
6	14	23	30	37	33	27	30	48																
6	16	01	33	29	34	43	33	49																
6	16	12	01	25	36	33																		
6	17	23	34	15																				
6	18	23	31	15																				
6	19	23	26	31	26	45																		
6	20	06	26	34	25	46	24	57																
6	20	12	26	35	26	49	26	64																
6	20	23	26	44	27	32	27	58																
6	21	12	29	32																				
6	22	02	29	44																				
6	22	23	28	31																				
6	23	23	30	21	29	26																		
6	24	12	29	25	28	35																		
6	24	23	28	20																				
6	25	12	30	31																				
6	25	23	29	23	29	26																		
6	26	12	30	29	30	33	30	53																
6	26	23	31	29	31	40																		
6	27	12	32	45																				
6	27	23	31	37	30	50																		
6	28	12	35	53	31	35																		
6	28	23	33	30	31	29																		
6	29	12	30	53	29	55																		
6	30	12	30	48	32	32	30	60	81	05	81	15												
6	30	23	31	42	31	57	30	47	29	54	80	38												
7	01	12	30	27	30	70																		
7	01	23	29	43	29	41																		
7	02	12	28	52	28	42																		
7	02	23	27	40	27	75	28	74																
7	03	12	14	26																				
7	05	23	27	28	28	39	27	44	27	63	28	58												
7	06	12	23	31	23	39	24	47																
7	07	23	25	42	25	62																		
7	08	12	24	38	24	48	25	48																
7	08	23	23	40	24	40																		
7	09	12	25	42																				
7	09	23	25	48	25	39																		
7	10	12	27	40	27	73																		
7	10	23	29	34	29	40	28	29	29	80														
7	11	12	30	10	29	09	36	07																
7	11	23	27	17	28	21																		
7	12	12	28	28																				
7	12	23	29	43																				
7	13	23	81	35																				
7	14	12			34	45																		
7	15	01	29	29																				
7	15	12	31	24	32	38																		
7	16	12	27	18																				
7	17	12	25	45	25	90	24	65																
7	17	23	25	41	25	51																		
7	18	06	23	41																				
7	19	12	75	03																				
7	20	23	27	40																				
7	21	12	27	43	22	58																		
7	21	23	28	41																				
7	22	23	25	26	25	30																		
7	23	12	24	43	24	46																		
7	23	23	25	37	25	59																		
7	24	15	25	41	26	56	25	56																
7	24	23	27	33	28	44																		
7	25	12	29	41	29	33																		
7	25	23	30	28	30	35																		
7	26	12	29	40																				
7	26	23	31	57																				
7	27	12	34	40	34	67	31	53																
7	28	02	33	36	31	50																		
7	30	23	29	23	30	38																		

Results of Upper Wind Observations,
DAVIS 1960

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
8	02	23	32	16	30	20																		
8	03	12	29	15																				
8	03	23	31	19	31	28	29	29	30	48	30	69												
8	04	12	31	26																				
8	04	23	30	20	30	33																		
8	05	12	29	24																				
8	06	12	30	26																				
8	06	23	32	16																				
8	08	23	32	16	33	33																		
8	09	12	33	28																				
8	09	23	34	42																				
8	10	23	26	16																				
8	12	02	25	22	24	36																		
8	12	12	25	25																				
8	12	23	25	33	25	50	25	50																
8	13	12	24	14																				
8	13	23	28	29	31	38	28	56																
8	14	06	24	03	28	15	30	22																
8	14	23	23	17																				
8	15	12	22	33																				
8	15	23	24	30																				
8	16	12	25	23																				
8	17	01	29	26																				
8	17	12	28	27																				
8	17	23	29	16	29	23	30	24	30	27	29	45												
8	19	12	28	35																				
8	20	01	28	22																				
8	20	12	31	28	30	30																		
8	22	23	27	53																				
8	23	23	30	28	29	44																		
8	24	23	29	10																				
8	25	12	27	23																				
8	25	23	27	17																				
8	26	06	27	17																				
8	27	23	27	25	26	20	28	67																
8	28	12	29	30																				
8	28	23	30	44																				
8	29	23	29	47																				
8	30	12	33	42																				
8	30	23	33	31	29	32	31	29	29	41														
8	31	23	35	21	33	40																		
9	01	12	36	24	35	35																		
9	02	23	32	17	28	45																		
9	03	12	30	42																				
9	03	23	30	47	29	51																		
9	05	12	30	53																				
9	06	12	31	34																				
9	06	23	28	16	29	22	29	44	29	53	28	41												
9	07	23	25	39																				
9	08	12	26	55																				
9	10	12	30	41																				
9	10	23	22	37																				
9	11	12	27	50																				
9	11	23	26	50																				
9	12	06	25	69	25	68																		
9	12	23	28	70																				
9	13	12	28	68	28	95																		
9	14	06	31	18	28	70	29	98																
9	14	12	30	53																				
9	14	23	33	38	31	50	31	58																
9	16	12	29	09	28	16	28	37	27	37														
9	17	06	29	16	28	30	28	22	28	42	27	49												
9	17	12	29	21	28	31	29	90																
9	17	23	28	21	30	20																		
9	19	23	07	06	27	25	26	30																
9	20	23	27	09																				
9	21	12	26	15																				
9	22	12	27	15																				
9	22	23	26	17	28	10	28	27	29	38														
9	23	23	21	08	22	09	26	11																
9	24	12	26	16																				
9	24	23	26	15	27	15	26	29																
9	25	12	24	40	25	46																		
9	28	01	00	00	29	23	28	30																
9	28	06	05	04																				
9	28	12	06	15	34	04	33	06	29	13	29	21												
9	28	23	31	08	21	06	23	14																
9	29	12	18	22	20	20	20	20	18	38														
9	29	23	19	30																				
9	30	12	21	36																				

Results of Upper Wind Observations,
DAVIS 1960

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
0	02	01	24	40	24	45	24	52																
0	02	12	26	59	25	65	28	43																
0	03	06	22	69																				
0	04	23	27	27	28	39	29	37																
0	05	23	26	20	28	24	28	39	28	50														
0	06	12	29	23	27	33	28	33	28	61														
0	06	23	29	19	27	22																		
0	07	12	30	22	30	30	29	37	30	60														
0	07	23	32	12	31	22	31	35	30	28	30	56												
0	08	12	32	19	31	17	30	27																
0	09	01	28	25	26	25	27	32	27	40														
0	09	23	23	37																				
0	12	23	20	14	24	35	24	48	25	56	25	54												
0	13	12	26	20	26	33	26	45	26	60	25	69												
0	13	23	27	30	27	32	27	48	27	65	26	73												
0	14	12	28	35	27	56	27	56																
0	14	23	29	05	27	20	27	29																
0	15	12	31	31																				
0	15	23	30	09	29	17	29	18	28	29	28	54												
0	16	12	30	16	29	25	29	36	28	52														
0	16	23	02	06	34	13	30	20	30	38	30	35												
0	17	12			32	19	29	29																
0	18	23	27	08	27	15	27	20	29	21														
0	19	12	27	25	27	35	26	35	27	35														
0	20	23	24	46	28	33	29	29	26	27														
0	21	12	28	30	26	22	28	26																
0	22	12	31	25	30	20	29	18	29	33														
0	22	23	33	22	29	30	27	18	25	28														
0	23	23	28	22	28	41	29	46	29	46														
0	24	23	30	32	30	43	30	33																
0	25	12	30	30	30	39																		
0	25	23	30	27	30	27	30	41	30	59	32	57												
0	26	12	29	26	30	29	30	33	30	44	30	58												
0	26	23	26	35	26	32	28	42	29	43	29	43												
0	27	23	29	53																				
0	28	12	29	56	30	86																		
0	31	02	02	26	35	29	34	32	34	43														
0	31	23	36	19	03	20	36	38	36	41	35	62												
11	01	06	32	25	33	32	34	30																
11	01	12	35	36																				
11	01	23	36	21	36	37	36	31	36	50	36	75												
11	02	12	36	24	36	30	34	37	35	68	35	57												
11	03	01	36	17	36	32	26	48																
11	03	23	35	30	33	23	32	27																
11	04	12	35	44	32	42	33	35																
11	05	01	35	38	33	30	33	36	33	35	35	62												
11	05	23	33	15			28	21																
11	06	12	28	25	28	33	27	40	27	37	28	46												
11	06	23	24	14	27	20																		
11	07	12	25	33																				
11	07	23	26	33	27	40	27	55	27	45	28	50												
11	08	23	28	20	29	32	30	34	30	36	32	50												
11	09	23	29	28	28	29																		
11	10	23	29	43	30	43	30	50	30	56														
11	12	12	28	09	31	39	32	25	31	68														
11	12	23	29	11	27	18	27	17	28	20	28	25												
11	13	12	27	25	23	32	24	24	27	27	26	20												
11	14	06	21	10	23	27	24	36																
11	14	12	25	50	25	50	25	62	25	67	25	70												
11	15	12	26	38	27	50	28	73	28	100	28	90												
11	15	23	30	41	31	45	31	64	30	55														
11	16	12	31	31	27	36																		
11	16	23	31	42	32	37																		
11	17	12	31	32	32	36																		
11	17	23	33	30	33	27	32	39	33	48	33	54												
11	18	12	32	18	33	37	33	32																
11	18	23	33	24	33	21	33	33	34	35	34	42												
11	19	12	34	21																				
11	19	23	01	12	33	16	35	22	33	20	34	36												
11	20	23	31	25	32	28	32	27																
11	21	23	31	14	31	19	30	20	31	19	30	25												
11	22	12	33	26	33	26	33	24	30	16	27	33												
11	22	23	29	12	27	19	29	24	29	16	28	21												
11	23	12	28	18	29	16																		
11	23	23	33	20	33	19	32	18	33	24														
11	24	12	35	23	34	13	31	22	35	29														
11	25	01	33	10	33	22	33	20	33	26														
11	25	12	33	24																				
11	25	23	31	18	31	17	32	20	31	23	33	22												
11	26	12	33	22	33	19	33	26																
11	26	23	30	20																				
11	27	12	35	22	34	36																		
11	27	23	01	21	01	32	36	41	35	24														
11	28	12	07	23	01	35	18	18																
11	28	23	05	09	03	24	01	20	02	22														
11	30	12	06	11	04	14	01	12																
11	30	23	12	02	05	07																		

Results of Upper Wind Observations,
DAVIS 1960

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
12	01	12	27	04																				
12	01	23	13	02	12	03	08	16	07	17														
12	02	18	26	05	21	21	16	04																
12	02	23	15	04	15	02	14	07																
12	03	06	16	03	12	06	14	09	11	14	11	19												
12	03	12	18	05	15	06																		
12	03	18	12	02	19	06	15	08																
12	03	23	03	19	03	17	02	21																
12	04	06	24	02	17	05	17	07																
12	04	12	24	06	21	07	20	10	17	05	11	09												
12	04	18	24	08	22	07	21	10	14	08	14	11												
12	05	12	25	13	24	18	24	07	18	05	07	07												
12	05	18	29	13	25	18	24	13	23	10	19	07												
12	05	23	28	12	29	06																		
12	08	06	31	38																				
12	08	12	29	31	29	33	30	43	30	25	34	12												
12	12	06	12	09																				
12	15	23	12	15	12	19	12	12	11	14														
12	16	06	10	15	10	13	10	11	10	10	07	14												
12	16	12	07	10	09	13	12	13	10	14	10	11												
12	16	23	05	14																				
12	17	06	06	11																				
12	19	12	14	08																				
12	22	18	13	21	13	21	13	19	13	27														
12	23	18	25	09	25	11																		
12	23	23	24	09																				
12	24	06	29	31	11	09	35	11	28	07	27	15												
12	27	06	25	15	23	09	26	09	25	06														
12	27	12	24	18	25	10	26	09	27	04	07	03												
12	28	06	28	15	28	11	29	10	28	06	33	10												
12	28	12	29	15	29	11	29	11	27	08	32	04												
12	29	06	31	16																				
12	30	23	27	13																				
12	31	06	33	03	00	00	00	00	00	00	00	00												

Results of Upper Wind Observations,
MACQUARIE 1960

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	32	20	31	28																		
1	01	12	32	14	21	25																		
1	01	17																						
1	01	23																						
1	02	05	18	09	21	26																		
1	02	11	21	01	22	06																		
1	02	17	31	02	35	07																		
1	02	23	31	12	34	27	34	31	29	15	28	40	29	17	30	24	30	35	31	35	31	26	31	32
1	02	23	25	07	27	13	27	11	27	13	27	16	28	12										
1	03	05	33	18	33	25	32	28	33	23	31	20	29	20										
1	03	11	28	05	26	07	26	10	25	13	26	11												
1	03	17																						
1	04	05	27	12	26	16	25	21	25	34	25	24	24	20										
1	04	11	27	10	26	13																		
1	04	17	32	01	29	07																		
1	04	23																						
1	05	05	23	08			23	17	23	16	23	17	23	18										
1	05	11	22	10	22	09																		
1	05	17	27	12	27	18	35	18	25	32														
1	05	23																						
1	06	05	27	20	24	10																		
1	06	11	27	17	26	24	25	16																
1	06	17																						
1	06	23																						
1	07	05																						
1	07	11																						
1	07	17																						
1	07	23	25	19	26	17																		
1	08	05	31	11	28	15																		
1	08	12	33	10	35	14																		
1	08	17																						
1	08	23																						
1	09	05																						
1	09	11																						
1	09	17																						
1	09	23																						
1	10	05	32	30	31	33																		
1	10	11																						
1	10	17	31	22	29	29	28	41																
1	10	23	32	26	31	33	29	32	29	39	29	40	29	43	29	63								
1	11	05	32	26	31	25	29	25	29	35	29	34												
1	11	11																						
1	11	17																						
1	11	23																						
1	12	05	29	30	29	35	29	60	28	65	28	65	28	60										
1	12	11																						
1	12	17																						
1	12	23	27	30	26	41	26	41																
1	13	05	27	30	26	35	25	35	25	30	24	30	24	60	24	55								
1	13	11	28	22	27	28																		
1	13	17																						
1	13	23	29	35			28	47	27	47														
1	14	05																						
1	14	11	30	30	29	38	27	49	24	60														
1	14	17	27	28	25	44																		
1	14	23	26	33			24	40	25	41	24	40	24	40										
1	15	05																						
1	15	11	27	15			26	18	25	25	25	27	26	30										
1	15	17																						
1	15	23																						
1	16	05																						
1	16	11																						
1	16	17																						
1	16	23																						
1	17	05	27	30	26	30	23	73	22	61	23	46												
1	17	11																						
1	17	17	31	21	29	30																		
1	17	23	31	20	28	23	28	30	28	30	29	30	28	33	27	32	27	62	28	77	29	105		
1	18	05	29	15	28	20	26	21	26	22	26	24	25	29	26	33	27	55	27	70				
1	18	11	18	10							21	19	26	31	25	36	26	47	27	47	28	46	28	55
1	18	17																						
1	18	23	27	15			25	24	25	30	25	29	25	34	26	39	26	52	28	49				
1	19	05	28	15			25	25	25	35	26	35	24	38	24	47	24	49						
1	19	11	27	18					26	30	25	38	24	59	23	65	23	74						
1	19	17	31	17			30	41	28	48	28	49	28	52										
1	19	23	31	31			27	54	26	58	27	73	28	73	27	102								
1	20	05	27	30					25	55	26	51	25	73										
1	20	11	27	33	26	39	25	46	25	50	25	61	25	67	24	64								
1	20	17	27	37					25	48	24	60	25	63										
1	20	23	29	30					24	42	24	40	23	50	24	68	24	100						
1	21	05	29	19			24	27	24	31	24	31	24	42	24	64								
1	21	11	28	15											25	40	25	59						
1	21	17	33	20					30	32	26	33	27	36	28	37	28	45						
1	21	23	32	25			31	36	30	30	31	30	29	20	30	32	28	45	29	52	28	57		

Results of Upper Wind Observations,
MACQUARIE 1960

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	22	05	33	20			32	50	32	45	34	39	31	35	30	45								
1	22	11	33	30			32	40	31	40	31	32	32	49	31	61	30	56	30	62				
1	22	17																						
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1	23	05	21	10					23	10	24	24	26	31	25	33	26	34	26	36				
1	23	11																						
1	23	17																						
1	23	23																						
1	24	05	11	09			08	15	04	15	04	07	28	12	31	15	26	27	26	26	25	20	26	45
1	24	11																						
1	24	17																						
1	24	23	36	09					36	09	36	03	35	19	34	21	34	31	33	40	34	48	34	55
1	25	05	04	05	01	14	36	10																
1	25	11	36	09					35	17	36	20	34	28	36	40	36	30	36	42				
1	25	17	05	13											36	31	36	43						
1	25	23	31	16					30	28	32	25	32	24	33	27	31	33	32	34				
1	26	05																						
1	26	11	34	28			32	42	33	30	33	37	33	43	32	42								
1	26	17																						
1	26	23	34	32					31	48	31	38	31	36	30	37	31	36	31	41	31	39	31	36
1	27	05																						
1	27	11	29	36	28	44	27	56	26	50	27	40	26	35	27	42								
1	27	17	29	28			27	37	27	43	27	46	26	47	27	49	27	46						
1	27	23	29	27	00	00	28	33	28	41	27	34	27	40	28	40								
1	28	05	34	15					31	30	30	34	30	45	29	45								
1	28	11	34	15					35	34	33	25	32	33	32	46								
1	28	17	30	25			27	42	28	37	28	37												
1	28	23	31	25	28	41	28	46	28	46	28	45	29	33	29	29	08	14	08	33	04	37	35	30
1	29	05	34	20			33	26	34	24	34	31	35	18	34	17	07	20	10	43	08	30	30	18
1	29	11	27	20							24	20	22	23	18	29	17	31	16	40	17	45	19	15
1	29	17	25	22					22	25	26	16	26	25	24	23	26	27						
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1	30	05	29	28			24	27	24	28	25	23	23	30	25	40	27	15						
1	30	11	29	10			26	17	25	46	23	31	25	32	24	41	23	56	23	29				
1	30	17	33	12			29	30	28	28	27	30	25	37	25	41	25	51	25	55				
1	30	23	33	17					31	24	29	32	28	34	26	44	33	48						
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2	01	11	34	25					28	27	28	36	28	39	29	41	28	43						
2	01	17	34	21			27	22	28	22	28	23	28	27	29	31	29	37	30	40				
2	01	23	31	10			27	29	27	26	27	27	27	27	27	31	25	33	24	38	25	42		
2	02	05	31	22					28	31	27	29	28	35	25	41	24	57	24	58				
2	02	11	33	22			30	35	29	35	29	22	28	33	27	38								
2	02	17	34	35			31	46	31	44	28	30	30	40	29	51	30	51						
2	02	23	34	30			25	26	28	37	29	55	27	55	27	70	27	35						
2	03	05	31	20			29	26	27	41	27	38	28	49	28	40								
2	03	11	31	24					28	38			26	52	26	55	26	51						
2	03	17	32	22			30	40	28	32	29	46	28	48	28	53	28	58						
2	03	23	34	29	31	40	30	40	30	39	29	36	29	52	30	46	29	46	28	62	29	58		
2	04	05	33	30			30	33	31	38	31	25	30	33	30	38	30	46	30	52				
2	04	11	34	20			32	38	33	32	30	46	32	41	31	51	32	51						
2	04	17	36	21			33	46	32	40	33	50	34	57	33	60								
2	04	23	34	20					33	34	33	45	33	52	33	55	33	70	33	90	33	100		
2	05	05	36	17			32	36	32	38	32	44	32	44	33	52								
2	05	11	34	26			30	35	30	34	30	38	31	39	31	38	32	43	32	63				
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2	05	23	32	12			29	21	30	18	29	18	26	20	28	20	27	26	26	31	25	29	30	28
2	06	05	35	12					32	27	32	21	32	23	31	28	30	30	30	31	29	35		
2	06	11	02	20					34	29	32	21	32	31	32	43	33	30	32	36	33	41		
2	06	17																						
2	06	23	36	12					36	22	36	35	36	38	36	65	34	63						
2	07	05	36	23			33	29	33	37	33	35	33	39	33	46	33	42						
2	07	11	34	20	30	35	30	39	30	45	29	45	30	44	30	48	32	67						
2	07	17																						
2	07	23	34	30									30	36	30	56	30	60						
2	08	05	33	21			29	33	29	33	29	35	30	36										
2	08	11	32	18			27	25	27	28	27	27	28	34	28	41								
2	08	17	31	22			26	30	27	34	27	32	27	33										
2	08	23	29	20			26	30	27	33	26	28	26	38	26	45	26	65	25	52				
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2	09	11	30	18			26	25	26	26	26	35	27	37	28	38	28	40						
2	09	17	27	25			24	32	23	35	23	28	23	33	33	37								
2	09	23	29	14					24	25	24	29	22	37	23	40	22	62	23	73				
2	10	05	32	20	31	25	27	27	28	34	28	31	28	41	24	38								
2	10	11	34	24					30	30	30	35	27	35	26	34	28	35						
2	10	17	34	35			32	46	32	40	32	35	33	47	35	51								
2	10	23	34	30			31	57	35	66	32	58	32	66	30	68	32	63						

Results of Upper Wind Observations,
MACQUARIE 1960

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
2	11	05	36	41			35	56	34	86	34	73	33	52										
2	11	11																						
2	11	17	30	35	27	40	28	48	29	48	29	50	26	53										
2	11	23	32	28			28	44	27	48	26	49	28	43	26	58	27	67	27	60				
2	12	05	32	30	28	41			27	56	25	58	27	41	27	49	27	53						
2	12	11	31	33			26	47	25	53	26	53	26	58	26	70								
2	12	17																						
2	12	23	33	30			28	47	28	53	28	44	28	43	28	56								
2	13	05	33	39			31	40	29	38	28	39	28	53										
2	13	11	32	26	31	30	30	40	29	44	28	47												
2	13	13																						
2	13	23																						
2	14	05	28	10	24	13	23	17																
2	14	11	27	12	25	15																		
2	14	17	31	13	31	15	32	17	29	15	29	18												
2	14	23																						
2	15	05	29	22	28	26	27	29	27	27	28	23	29	21	30	26	31	27	34	16	30	28		
2	15	11	31	22			29	25	27	20	28	22	26	20	27	26	24	24	23	27	25	26	26	30
2	15	17	27	19					21	32	21	37	21	38	21	38								
2	15	23	27	22			26	46	25	35	25	38	26	47	26	43	25	58	25	82				
2	16	05	31	15	31	19	30	17	30	21	28	29	28	32	28	56								
2	16	11	34	16					34	26	31	35	30	41	28	50	28	74						
2	16	17	35	22			31	47	32	50	32	46	32	58	32	68								
2	16	23	33	30	31	46	29	39	29	37	30	40	30	50	31	59	31	75						
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2	17	17	25	04			22	23	22	26	22	25	22	27	22	34	22	26	22	35	21	37		
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2	18	17	31	25					28	36	24	38	24	27	23	40	23	38	25	53				
2	18	23	31	20					26	28	26	29	27	41	25	36	26	44	25	47				
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2	19	11																						
2	19	19																						
2	19	23																						
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2	20	11	28	22	27	17																		
2	20	17	32	19	31	13	31	15																
2	20	23																						
2	21	05																						
2	21	11	33	28					28	57	28	50	30	62	28	58	26	65						
2	21	17																						
2	21	23	33	33			30	59	30	72	29	74	29	56										
2	22	05	27	32	26	48	27	51	29	58														
2	22	11	27	14			24	21	24	21	24	30												
2	22	18	27	03	27	08																		
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2	23	05	36	05	03	05	02	07	34	07	29	11	29	30	29	40	30	49	29	58	29	70	30	68
2	23	11	01	20			36	36	35	47	32	36	31	46	31	48								
2	23	17	36	22			34	57	33	40	32	50	32	49										
2	23	23	35	22	31	31	31	33	31	37	32	40	33	48	33	64								
2	24	05	34	25	34	39	32	49																
2	24	11																						
2	24	17																						
2	24	23	30	24	29	24																		
2	25	04	27	28	26	42	26	33	26	32	27	30	27	31	26	26	28	34						
2	25	11																						
2	25	17																						
2	25	23																						
2	26	05																						
2	26	11	18	21			18	34	19	20	17	19	18	22	20	13	21	34	21	39				
2	26	17	21	13			32	24	21	26	24	25	24	32										
2	26	23	27	15					27	27	24	39	22	47	22	49								
2	27	05	31	30			28	45	28	40	26	40	25	43	25	49								
2	27	11	31	35			28	52	29	58	28	58	28	92										
2	27	17	29	34			26	64	26	64	26	68	26	72										
2	27	23	25	18			23	43	23	46	22	52	22	55	24	92								
2	28	05	27	20			24	33	23	36	23	45	22	60										
2	28	11																						
2	28	17	28	18	28	35	27	42																
2	28	23	33	20	32	19																		
2	29	05																						
2	29	11																						
2	29	17																						
2	29	23																						
3	01	05	29	30	23	25																		
3	01	11	29	20	26	23																		
3	01	17	28	25	28	28	26	32																
3	01	23	27	26	25	25																		
3	02	05	30	21	29	20																		
3	02	11	32	16					30	31	27	23	27	31	26	34								
3	02	17																						
3	02	23	33	29	32	51	31	54	31	34	31	42	30	49	31	65	31	65	31	66				

Results of Upper Wind Observations,
MACQUARIE 1960

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
3	03	05																						
3	03	11																						
3	03	17	30	25	31	27	30	43																
3	03	23	31	20	30	24	28	30	27	35	26	43	26	41										
3	04	05	34	20			30	32	31	32	30	39	30	47	29	53								
3	04	11	33	26					30	43	31	49	28	49	29	45								
3	04	17	33	28			30	43	31	49	31	48	32	51	32	75								
3	04	23	31	30			31	45	31	45	31	50	31	54	31	61								
3	05	05																						
3	05	11																						
3	05	17	31	31			29	51	29	53	28	46												
3	05	23	29	31			27	45	27	40	27	45	25	65	25	86								
3	06	05	32	30	31	43	30	50	28	53	27	57	27	76										
3	06	11	32	30	30	40	29	64	30	57	29	56												
3	06	17																						
3	06	23	32	30					29	55	30	66	30	66	31	77	30	80						
3	07	05																						
3	07	11	32	12					29	31	29	42												
3	07	17																						
3	07	23	31	10	29	12	28	14	28	20	28	26	27	32	28	59	27	47	29	63	30	118	30	109
3	08	05	32	10	31	13	32	17	32	16	32	25	31	25	30	36	30	38	31	42	31	45	31	70
3	08	12	00	00	02	08	36	19	33	23	32	27	33	27										
3	08	17																						
3	08	23																						
3	09	05	32	12			31	29	32	36	32	46	32	47	31	51								
3	09	11	36	19			33	30	33	36	32	41												
3	09	17																						
3	09	23	34	28	33	39	32	39	32	41														
3	10	05	31	24	30	34	29	47																
3	10	11	31	26	28	26	28	26	29	35	29	32	29	43	29	44	29	46						
3	10	17	29	23	28	28	27	31	27	31	28	33	26	33										
3	10	23	27	22	27	29	27	31	27	33	27	29	26	34	24	43								
3	11	05	31	26	30	24																		
3	11	11	31	20			28	34	28	29	26	33	26	34	25	46								
3	11	17	31	32	30	36	29	52	28	50	28	48	28	52	27	54								
3	11	23	31	29					27	48	27	50	27	61										
3	12	05	29	17			26	36	26	36	27	43	26	50	27	59								
3	12	11	28	19			26	23	26	23	27	42	27	37	27	51								
3	12	17	30	09					31	20	28	37	28	56										
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3	13	05	27	12			24	30	25	26	27	27	28	40	27	55								
3	13	11	29	18			26	29	26	29	26	24	26	30	26	29	25	39	25	39				
3	13	17	28	23			27	28	26	29	27	34	26	39										
3	13	23	30	29	30	33	28	42	27	44	27	40	27	44	24	45	24	55						
3	14	05	29	28			27	40	27	41	27	40												
3	14	11	29	25	28	37	28	42	27	40	27	47	27	42										
3	14	17	29	30	28	35	27	42	27	43	27	42	27	49										
3	14	23	29	23			27	42	26	36	28	31	27	46	27	57	28	63						
3	15	05	30	22	29	18																		
3	15	11	31	15			27	25	27	26	27	34	27	46	27	50	26	57						
3	15	17	30	19			27	26	26	38	25	36	27	30	24	26	23	21	20	26				
3	15	23	29	16					27	28	27	28	27	25	27	25	26	23	26	19	22	13	18	09
3	16	05	31	20			26	20	27	33	27	35	27	33	27	40	29	21	31	20	29	10	34	12
3	16	11																						
3	16	17	29	23	28	30	27	32	26	36	27	34	27	34	27	31	26	29						
3	16	23	28	19					25	37	24	39	24	33	23	44	25	41	27	45	26	54	26	54
3	17	05	27	10					24	16	24	26	24	36	23	36	24	43						
3	17	11	28	12			25	16	23	20	23	28	23	28	23	34	23	30						
3	17	17	29	20			27	23	24	23	24	22	26	27	26	28	22	25	21	26	19	27	19	25
3	17	23	28	20			26	24	25	24	25	24	26	20	25	28								
3	18	05	28	21			26	29	27	43	25	25	24	28	26	20	28	29	29	27				
3	18	11	28	15			27	24	23	16	25	14	28	17	23	20	28	26						
3	18	17	28	18			25	15	25	05	26	20	26	17	28	26	28	27	29	33	29	37		
3	18	23	29	13			29	24	29	14	26	18	25	21	26	20	26	15	28	17	30	26	30	25
3	19	05	31	18			30	23	30	19	29	21	28	25	28	16	26	10	25	05	28	23		
3	19	11	31	18			27	20	27	34	27	35	26	34	27	40								
3	19	17	33	24			30	30	31	35	31	33	31	34	29	24	29	21	29	15				
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3	20	05	34	28			33	34	33	35	32	28	32	31	31	39	32	34	32	25				
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3	20	17	34	28	32	39	31	40	31	37	31	42	32	49	31	49								
3	20	23																						
3	21	05	28	23	28	33	29	33	29	31	28	37	29	36	29	41	28	43						
3	21	11	33	16	32	26	28	29	30	25	30	30	30	34	31	41	31	51						
3	21	17	34	24			32	27	32	27	31	23	33	28	32	37	32	50						
3	21	23	35	20			32	27	31	23	31	19	33	19	34	29	33	54	33	56				
3	22	05	34	17	33	19	32	22	32	17														
3	22	11	32	07	32	21	33	17																
3	22	17	24	05	28	05																		
3	22	23	33	20	32	28	31	30	32	35	32	36	30	36	29	38	30	37						
3	23	05																						
3	23	12	31	33			28	50																
3	23	17																						
3	23	23																						
3	24	05	29	35	27	38																		
3	24	11																						
3	24	17	24	13	23	15	24	20																
3	24	23	29	19	26	29	25	31	25	33														

Results of Upper Wind Observations,
MACQUARIE 1960

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
3	25	05	28	24	26	36	26	41																
3	25	11	31	17			30	20	28	24	28	24	25	31	26	32	25	31						
3	25	17	33	27			33	38	32	33	31	33	31	33	30	35								
3	25	23	34	31			34	58	32	61	33	62	32	54	31	47	30	42	32	61				
3	26	05	34	30			31	43	31	44	32	55	32	55	31	50								
3	26	11	32	23			28	47	28	48	30	53	31	45	32	65								
3	26	17	29	26	27	40	27	55	27	40	28	46	26	43	27	56								
3	26	23	31	31			29	41	28	36	28	31	29	45	28	41	28	48	28	60	28	68	29	56
3	27	05	33	30	33	43	31	48	30	48	29	52	30	54	30	54	30	50						
3	27	11	33	31			32	50	30	51	30	57	30	52	29	58								
3	27	17	31	17			30	38	31	47	31	42												
3	27	23	31	31							31	38	32	54	32	62	31	69	32	67	32	61		
3	28	05	27	24	25	34	25	33	26	32	26	32	26	34	27	33	31	50						
3	28	11	27	20	25	21	23	21	23	22	24	20	25	24	26	23	28	19	27	25				
3	28	17	24	08									25	28	24	32	22	46	23	36				
3	28	23	29	13							29	18	24	20	24	30	22	50	23	66	22	108	22	85
3	29	05	33	28	34	39																		
3	29	11																						
3	29	17																						
3	29	23	27	21	27	42	27	30	27	29	28	41												
3	30	05	31	20			29	18	30	18	27	13	29	40	29	44								
3	30	11	33	20			33	30	32	31														
3	30	17																						
3	30	23	33	20			30	24	31	34	33	40	32	45	31	70	33	75	32	93				
3	31	05	31	18					30	24	30	28	30	25	31	38	30	57	30	72				
3	31	11	31	20			28	22	28	35	28	24	30	27	33	35	34	44						
3	31	17	29	26	27	38	27	37	27	37	26	35	27	40	28	43								
3	31	23	27	26					25	36	25	40	26	37	26	36	24	30	25	36				
4	01	05	28	30			25	35	25	31	25	33	25	37										
4	01	11	28	20			26	38	25	35	23	49	23	47										
4	01	17	28	19			27	42	26	32	25	33	25	37	25	53	24	64						
4	01	23	27	21			26	30	26	30	26	30	25	42	26	46	25	56	26	56				
4	02	05	27	22			24	29	24	35	24	45	25	48	25	44								
4	02	11	29	19			27	33	27	23	27	20	26	40										
4	02	17	33	20							29	39	28	35										
4	02	23	32	19			28	38	29	43	28	40	27	36	26	47	27	52						
4	03	05	32	17			30	40	29	32	28	30	29	36	29	43								
4	03	11	34	27			31	48	29	48	30	52	30	58	30	67								
4	03	17	21	27					30	28	28	38	28	37										
4	03	23	33	29							31	49	31	48	30	58								
4	04	05	31	27			29	45	29	36	30	40	29	50	30	61								
4	04	11	31	33			29	52	29	50	29	51	29	55	29	57								
4	04	17	29	30			29	41	29	46	28	48	28	60	28	49								
4	05	01	27	35	25	49	24	37																
4	05	05	27	28			25	38	24	40	23	44	24	31	25	50	24	60						
4	05	11	27	20			26	30	25	36	25	42	25	53	23	73	23	76	24	75				
4	05	17	29	14					25	27	25	36	26	41										
4	05	23	31	23					29	45	29	42	30	48										
4	06	05	31	30			27	50	27	50	28	48	27	46	27	66								
4	06	11	28	20			27	34	27	42	26	52	26	66	26	63	26	64						
4	06	17	28	12			28	31	28	37	28	30	28	38	27	54								
4	06	23	34	20									29	47	27	70								
4	07	05	32	24			29	52	28	58	27	65	28	65	27	54	26	71						
4	07	11	33	20			30	70	30	74	30	70	29	75	30	80								
4	07	17	31	38			29	71	29	73	30	86	30	75										
4	07	23	29	32			28	57	28	51	28	69	29	82										
4	08	05	30	30			28	42	27	54	28	53	28	57	28	78								
4	08	11	29	23			27	40	27	47	27	49	27	61	28	68	29	84	28	110				
4	08	17	29	23	26	36	27	41	27	43	26	43	26	50	26	65	27	60	27	65	28	70	30	99
4	08	23	31	25			28	35	27	32	26	32	27	40	27	49	26	43	25	44	24	44	26	56
4	09	05	30	22			28	34	28	37	28	43	27	38	27	38	27	44	26	40				
4	09	11	30	22			29	28	30	28	30	25	29	23	27	33	27	30	27	39	25	34		
4	09	17	31	21	32	26	32	35	30	47	32	33	30	27	29	32	28	38	29	36	28	35		
4	09	23	34	23			30	40	31	32	30	36	32	38	32	44	33	45	32	48	32	54		
4	10	05	34	22	32	28	30	28	30	33	30	42	30	42	30	53								
4	10	11	30	10	29	18	28	21	30	27	29	36	31	48	30	56	30	68	31	88				
4	10	17	25	05			29	18	29	29	31	36	29	47	30	50	30	47	30	55				
4	10	23	29	13			29	21	28	28	27	28	28	32	28	45	29	50	28	56	28	52	29	58
4	11	05	32	21	31	35	29	40	28	42	28	38	28	45	26	48	26	53	25	62				
4	11	11	30	22			27	36	28	41	28	44	28	52	27	65	27	65	25	73				
4	11	17	28	17	28	28	28	34	27	42	27	48	27	62	26	40	26	63						
4	11	23	31	24			29	50	29	48	28	50	27	51	27	67	26	70	27	85	26	84		
4	12	05	30	22	28	36	28	43	28	41	28	49	27	46	27	58	28	62	28	68	27	70		
4	12	11	30	22	31	34	29	34	30	44	30	37	31	44	31	57	29	58	29	70	28	60		
4	12	17																						
4	12	23	31	34			29	41	30	54	30	64	30	68	30	68	30	81						
4	13	05	29	25	29	27	27	33	27	27	28	38	29	53	29	67	30	50	30	65				
4	13	11	29	16	28	20	28	22	27	22	28	33	29	36	30	48	30	60						
4	13	17	32	07			32	09	35	08	36	13	31	24	30	43	28	43						
4	14	00	00	00	05	13	36	16																
4	14	05	36	10									33	33	33	27	33	23	31	37	30	49		
4	14	11	02	18			35	40	35	40	35	47	33	45	32	32	31	45	32	42				
4	14	17	36	24			34	53	34	40	33	46	33	37	34	52	33	46	33	49				
4	14	23	36	23			35	47	35	42	34	43	36	44	34	43	33	45	32	48	33	51	32	62

Results of Upper Wind Observations,
MACQUARIE 1960

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
4	15	05	36	26	36	41	36	44	35	34	36	44	36	50	36	50	36	48	36	50				
4	15	11	36	09			02	42	01	52	02	54	02	55	02	57	01	65						
4	15	17	35	26			34	30	35	37	35	34	34	41	01	52	01	83						
4	15	23	00	00	34	21	32	16	34	20	35	19	36	26	36	28	35	32	35	36	36	38	34	42
4	16	05	31	28	30	35	30	42	30	40	30	40	29	36	29	41	27	47						
4	16	11	34	28			34	72	32	65	33	56	32	62	31	76								
4	16	17	32	20	33	27	32	36	32	44	33	47	33	66	33	69	31	89						
4	16	23	32	02			33	33	33	38	33	50	35	63	34	90								
4	17	05	16	11											35	41	36	78						
4	17	11	27	25	27	27	27	29	27	34	28	38												
4	17	17	36	03					02	25	36	32	35	28	35	40	35	60	34	77	34	97		
4	17	23	12	02			05	39	02	33	36	30	03	39	03	58	03	69	02	81	02	60		
4	18	05	36	07	34	15	33	17	33	17	32	21	31	16	33	21	34	36	32	32	32	30		
4	18	11	31	30	32	28	31	43	32	43	31	47	30	48	30	60	28	53	29	65				
4	18	17	32	26			30	46	30	50	31	64	34	80	34	78	34	76						
4	18	23	34	35			33	62	32	57	32	54	32	56	32	60								
4	19	05	33	35					31	60	31	57	30	61	31	45								
4	19	11	31	35					31	50	30	57	30	64	30	53								
4	19	17																						
4	19	23	31	35			30	43	29	44	29	46	30	45	31	40	30	34	31	35	30	63	30	65
4	20	05	32	30	31	39	30	48	30	42	29	47	29	44	29	42	30	46	29	43	30	71	31	68
4	20	11	30	26			28	37	28	34	28	40	28	43	28	53	28	55	28	50				
4	20	17	29	17			28	35	28	30	28	36	29	34	28	33	28	28	27	23				
4	20	23	29	20			28	30	28	35	28	31	28	34	27	27	23	27	20	29	22	32	27	43
4	21	05	29	20	27	23	27	25																
4	21	11	30	21			29	30	29	28	28	23	28	18	28	16	25	17	26	18	24	24	25	17
4	21	17	29	19			29	31	28	30	28	29	28	23	28	23	29	29	26	32	27	30	28	24
4	21	23	29	19			29	26	29	21	28	25	27	23	27	24	26	27	28	27	28	31	28	34
4	22	05	31	14					30	19	30	28	28	17	30	25	30	18	29	20	30	25	27	36
4	22	11	31	10					32	22	33	19	32	21	31	24	31	21	29	19				
4	22	17	34	15					34	22	33	25	33	26	31	34	30	47						
4	22	23	18	11					34	28	33	30	33	25	31	29	30	34	31	59	31	74		
4	23	05	36	03							35	16	01	08	36	16	32	50	31	60	31	77		
4	23	11	00	00													30	45	30	52				
4	23	17	16	17	14	22	10	16	35	10	33	20	32	26	33	38	32	41	32	54	32	73	32	67
4	23	23	17	11	00	00	32	17	34	16	34	17	34	23	32	30	33	50	34	51	33	63	34	73
4	24	05	31	04					33	22	33	20	33	30	33	36								
4	24	11	31	03					32	18	32	26	23	29	33	30	32	39						
4	24	17	33	04	33	14	34	15	34	14	33	17	34	16	34	26								
4	24	23	29	11			30	26	30	26	30	24	31	16	33	13	31	16	31	12	34	10	33	33
4	25	05	25	15			22	20	23	20	25	22	24	27	25	27	26	30	26	21	25	28		
4	25	11	31	08			27	26	27	23	27	23	29	32	28	34	29	46						
4	25	17	29	20	29	27	29	29	28	34	28	40	27	46	28	39	28	50	27	50				
4	25	23	30	25	30	34	29	34	28	32	30	36	28	32	28	37	27	43	27	52	28	50	28	47
4	26	05	31	18			28	32	28	30	29	28	30	36	27	24	28	29	27	45	28	53	28	50
4	26	11	31	17			29	38	29	35	27	30	27	35	28	40	28	40	27	39	28	59	28	55
4	26	17	30	25	29	37	29	36	28	30	28	29	28	38	28	37	27	48	26	45	27	48		
4	26	23	31	25	30	20	29	25	29	25	29	25	28	26	29	22	29	27	28	32	27	44	27	44
4	27	05	29	17			31	23	31	22	32	24	30	20	29	17	30	27	28	37	26	41		
4	27	11	34	11	33	30	33	31	34	25	33	24	33	27	30	20	31	27	30	27	28	27		
4	27	17	35	08					33	21	32	27	35	26										
4	27	23	02	20					35	32	34	33	33	25	34	35	33	26	34	31	34	37	34	33
4	28	05	36	21	36	36	35	40	35	39	34	28	33	29	34	35	33	40						
4	28	11	36	17			33	39	32	43	33	43	34	42	33	45								
4	28	17	01	18					36	32	36	26	36	30	35	37	34	44						
4	28	23	36	15			34	42	35	50	34	48	35	42	36	47	01	66	36	75				
4	29	05	33	24			30	37	33	49	33	45	32	47										
4	29	11	27	25	25	27	25	29	26	25	25	29	28	31	31	55	32	62						
4	29	17	28	12			25	16	24	19	24	19	21	34	20	32	23	31						
4	29	23	31	20			31	28	30	24	31	22	30	21	29	25	29	32	31	36	30	42	30	42
4	30	05	32	30	32	43	32	31	31	33	33	36	33	37	30	30	30	30	29	38	30	38		
4	30	11	32	28	32	32	29	36	28	29	29	27	28	26	28	31	28	31	28	35	27	36		
4	30	17	27	10			26	16	28	29	29	46	28	43	28	41								
4	30	23	28	08			28	21	28	20	27	20	26	16	23	21	21	20	20	35	20	38	19	38
5	01	05	33	12	33	15	29	17	28	25	28	17	27	16	26	14	19	15	17	22	17	29	18	30
5	01	11	31	10	30	15	29	23	29	25	29	14	30	27	25	11	29	05	36	04	36	03	35	09
5	01	17	32	13			31	22	33	19	33	22	32	20	36	24	35	29	01	27	36	17	36	28
5	01	23	34	11			34	20	34	23	35	29	29	15	32	29	34	38	28	21	29	34	27	59
5	02	05	01	11	36	20	34	22	32	20	32	20	31	18	31	25	28	32	29	37				
5	02	11	36	09			36	24	34	20	33	10	33	14	32	15	28	33	28	32	27	39		
5	02	17	36	12			01	27	01	22	03	18	01	11	35	10	33	20	32	20	30	26	28	33
5	02	23	2	09			01	25	01	27	36	20	36	16	36	18	34	27	34	36	34	28	34	31
5	03	05	0	00	00	00	01	29	36	31	36	25	35	32	35	29	34	29	35	35				
5	03	11	36	20			35	41	35	44	35	42	34	41	36	43	35	43						
5	03	17	34	20	32	37	33	33	33	35	33	36	33	35	34	40	33	39	34	49	34	57	35	64
5	03	23	32	20			31	34	30	39	29	44	32	33	32	34	32	42	33	70	33	58	34	43
5	04	05	33	16			30	30	29	26	29	23	28	19	28	15	30	10	33	27	34	47	33	33
5	04	11	00	00			27	21	27	19	28	15	30	08	30	04	11	05	03	10	34	07		
5	04	17	30	04			27	15	26	11	22	16	26	12	25	07	16	06	17	02	08	12	31	13
5	04	23	27	09	27	08	26	09	14	10	18	12	19	08	24	06	26	01	25	06	35	12	27	19
5	05	05	14	04	00	00									05	02	32	05	26	17	25	21	27	19
5	05	11	15	10					14	09	16	07	21	10	26	18	27	14	26	10	28	16	30	15
5	05	17	16	17					06	13	04	14	05	19	02	18	02	13	35	05	32	09		
5	05	23	15	17			07	25	04	16	04	07	07	21	03	18	36	08	03	13	02	17	03	18

Results of Upper Wind Observations,
MACQUARIE 1960

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
5	06	05	17	14					06	20	02	11	06	18	02	14	02	14	03	18	04	31	04	32
5	06	11																						
5	06	17	00	00									02	16	34	12	31	14	31	17	31	19		
5	06	23	16	05							03	30	04	26	05	25	05	22	36	17	34	22	33	32
5	07	05	16	15			05	27	04	37	04	31	04	35	04	34	05	39	05	37				
5	07	11	00	00							04	30	03	27	03	35	02	34	02	29				
5	07	17	00	00					02	26	01	25	02	28	02	25	03	30	01	44				
5	07	23	16	04									07	06	04	25	03	38	02	48	01	59	01	62
5	08	05	17	10			14	10	15	10	06	10	07	15	07	22	08	25						
5	08	11	18	10			18	09	17	05	10	06	15	03	34	07	36	18	02	37				
5	08	17	18	16			16	31	19	15	20	07	20	07	33	04	01	11	03	37				
5	08	23	18	03			19	14	22	17	21	16	19	10	27	09	01	11	01	23	03	31	01	27
5	09	05	27	02					25	14	26	19	27	16	29	07	34	14	35	29	36	29		
5	09	11	30	10			30	15	30	18	30	17	33	23	33	24	33	21	32	19				
5	09	17	01	12					35	26	34	24	33	29	34	22	33	29	34	36	35	37		
5	09	23	01	17					35	22	36	30	02	38	01	39	36	44	36	53				
5	10	05	30	16			30	20	31	21	31	20	33	23	02	45	02	58	01	67	01	40	35	16
5	10	11	28	17			28	22	27	22	28	21	28	22	31	15	33	18	34	14	33	14	27	17
5	10	17	27	25			26	36	26	29	27	35	26	31	26	29	26	35	23	67				
5	10	23	28	30					26	29	25	36	26	37	25	58	24	70	24	77	24	72	25	40
5	11	05	28	29			27	35	26	39	26	42	26	44	26	58	26	77	26	86	26	88		
5	11	11	29	15			28	22	27	33	27	43	27	53	26	64	27	75	27	95				
5	11	17	30	18			28	23	28	27	28	45	27	57	27	64	27	75						
5	11	23	20	08					25	20	28	27	28	46	30	64	29	82	28	102	29	94		
5	12	05	21	07							26	25	27	40	29	83	30	98	29	100	30	120		
5	12	11	21	10					26	10	25	24	27	36	28	53	27	58	28	64				
5	12	17	29	28					25	24	26	25	26	31	27	49	26	63	29	63				
5	12	23	25	08							21	33	22	36	21	42	20	72	20	79	20	79	23	62
5	13	05	27	17	24	27																		
5	13	11	28	24			25	31	24	35	23	37	23	37	24	33	25	40	25	34				
5	13	17	00	00			24	18	22	22	23	34	23	21	23	22	25	35	26	42	26	38		
5	13	23	00	00			23	09	19	20	20	24	22	18	26	18	27	28	27	36	28	30	30	39
5	14	05	19	05			22	08	20	14	20	16	22	16	28	24	27	31	28	34	29	45		
5	14	11	15	12			15	11	18	11	19	12												
5	14	17	14	18			13	16	10	12	09	12	09	14	10	08	19	06	19	14	28	34	27	38
5	14	23	13	19			08	15	07	13	07	16	05	16	05	13	36	04	30	13	28	19	29	23
5	15	05	14	14			10	14	08	13	07	11	35	05	33	12	35	06						
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5	15	17	14	16			14	20	14	14	16	17	15	21	20	15	21	14	22	06	33	08	27	06
5	15	23	15	21					14	21	14	22	13	26	11	15	17	12						
5	16	05																						
5	16	11																						
5	16	17																						
5	16	23																						
5	17	05	34	06							05	21	02	14	34	09	27	13						
5	17	11	32	18	32	21	30	27	32	14	32	23	32	17	29	21	26	24	24	29	22	47	22	62
5	17	17	32	23			30	36	28	33	29	35	30	39	29	42	28	40	26	50	26	63	25	73
5	17	23	32	26			30	43	29	44	28	41	27	53	29	51	27	65	27	64	26	82	26	83
5	18	05	32	30					27	43	27	50	27	60	27	72	27	78						
5	18	11	31	14			28	28	27	43	28	57	28	58										
5	18	17	31	25			28	46	28	48	27	50	27	52	27	65	28	57						
5	18	23	31	28			28	48	28	51	28	50	28	53	28	70	28	73	27	77	28	86		
5	19	05	32	26			29	44	28	52	28	52	29	58	28	58	27	72						
5	19	11																						
5	19	17	30	35	28	48																		
5	19	23	27	17			27	22	26	24	27	26	28	36	29	62	29	98	30	114				
5	20	05	32	14					32	15	30	28	30	48	30	69	30	78	30	92				
5	20	11	32	17			29	23	29	34	29	38	29	39	31	70	31	100						
5	20	17	30	23	28	31																		
5	20	23	30	24	29	30	29	38	29	32	27	39	28	37	26	47	26	49	28	63	29	66	29	73
5	21	05	30	30			30	37	28	39	29	37	28	55	29	74								
5	21	11	26	23	25	27	24	32	25	27	25	35	25	30	23	38	23	31	22	33	24	36		
5	21	17	20	20			23	45	22	41	23	30	23	42	24	45								
5	21	23	26	12			23	34	23	37	23	44	22	59	22	68								
5	22	05	25	15	24	32	24	32	24	35	24	45	23	43	22	61	21	76						
5	22	11	29	26			27	43	27	44	25	51	25	50	25	57	25	64	25	63				
5	22	17	30	38			28	57	27	72	27	70	27	68										
5	22	23	28	40					26	67	27	80	27	91	27	92	27	98	27	103				
5	23	05	28	42	25	48	25	55	26	62	25	52	26	72	25	109								
5	23	11	28	33	26	44	25	49	26	47	25	58	24	57	24	82								
5	23	17	27	20			25	20	26	31	26	40	27	58	25	70								
5	23	23	28	20			25	31	25	42	25	41	24	52	24	89	24	98	25	97	24	94	24	91
5	24	05	23	04			20	04	24	13	24	29	24	46	24	73	25	70	24	77	25	70		
5	24	11	31	16			29	16	26	30	25	37	24	50	24	67	24	75						
5	24	17	27	30			25	42	24	38	25	44	24	52										
5	24	23	24	08			23	24	22	34	22	41	22	53	23	68	23	72	23	70	23	81	23	85
5	25	05	26	09			22	24	22	33	22	72	22	52	22	50	22	56	24	70	23	82		
5	25	11	27	15			27	21	24	29	21	23	23	36	23	40	24	39	22	41	21	44		
5	25	17	30	18			25	29	24	27	25	30	24	34	22	35	24	30	24	33	25	29	24	34
5	25	23	28	17					26	30	24	30	24	33	23	32	24	36	23	26	23	31	23	32
5	26	05	29	17			26	32	27	33	27	31	27	30	27	22	26	30	25	26				
5	26	11	30	12	28	20	27	26	27	36	30	43	29	34	27	31	26	26						
5	26	17	32	16	29	32	27	36	28	41	27	27	28	30	27	17	28	30	27	33	27	24	27	31
5	26	23	31	18			29	35	28	29	29	26	27	21	28	29	29	34	28	39	28	39	28	46
5	27	05	31	12	30	21	32	34	28	30	28	32	29	22	28	29	29	33	29	53	27	42		
5	27	11	32	23	30	30	29	36	28	42	28	29	27	21	28	30	27	34	26	42				
5	27	17	32	14	30	31	30	37	29	31	29	24	28	27	28	35	28	29	26	28	27	34	24	36
5	27	23	33	23			31	41	31	42	30	38	30	38	30	41	31	38	30	41	29	36	28	33
1																								

Results of Upper Wind Observations,
MACQUARIE 1960

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
5	28	05	33	28	35	41	32	42	32	47	33	46	31	39	30	45	31	47						
5	28	11	33	28	32	30	32	47	32	47	32	38	33	36										
5	28	17	33	24	35	47	31	50	31	40	31	39	31	41	30	38	30	43						
5	28	23	33	24			31	40	31	44	31	49	31	44	30	42	30	46	30	46	29	44		
5	29	05	34	24			31	45	32	49	32	43	31	36	31	38								
5	29	11	34	27			32	42	32	42	31	40	32	34	32	37								
5	29	17	34	26			29	53	29	49	30	48	31	45	30	45	30	50						
5	29	23	35	17			29	50	27	47	28	48	27	40	30	50	29	55						
5	30	05	33	12			35	35	32	43	31	38	33	31	35	46	34	63	36	36				
5	30	11	29	05			30	08	15	06	34	12	29	19	33	23	34	40	29	56	33	62		
5	30	17	30	22			27	33	28	34	31	39	30	36										
5	30	23	30	40	28	44	29	42	29	54	29	62	29	58	30	85	30	98						
5	31	05	30	30			29	24	29	37	30	43	30	53	30	68								
5	31	11	20	05			23	19	25	13	29	18	31	16	35	46	33	67	34	69				
5	31	17																						
5	31	23	29	26	27	28	25	31	26	35	27	33	26	32	28	31	27	28	28	27	29	36	30	38
6	01	05	27	25	24	30	25	41	26	40	27	41	26	33	26	40	27	38	27	37				
6	01	11	26	22	25	35	27	41	28	41	27	48	27	41	27	43	27	40						
6	01	17	28	23	24	30	26	29	26	29	27	37	26	57	29	71								
6	01	23	29	26			24	30	25	29	25	30	27	37	24	50	26	48	26	50	24	56	27	50
6	02	05	24	15	23	26	23	27	23	31	23	32	25	48	25	52	26	38	27	43				
6	02	11	23	08			22	25	22	24	22	32	24	38	26	48	25	41	24	35	25	38	26	41
6	02	17	28	18	28	34	27	28	27	27	26	35	24	37	22	45	21	57						
6	02	23	30	30			28	38	26	37	26	28	25	32	24	42	22	55	22	63	22	73		
6	03	05	28	30	27	35	27	40	27	42	26	39	25	39	24	43	24	46	22	57				
6	03	11	29	26	28	36	28	34	26	31	27	32	26	31	26	32	25	36	24	37				
6	03	17	31	38	31	53	28	52	30	58	30	55	30	64	29	51								
6	03	23	29	45	26	61	26	60	26	66	26	64	25	88	25	95	26	106						
6	04	05	24	22	24	36	23	44	22	48	22	50	21	68	22	73								
6	04	11	29	30	28	29	25	25	24	30	24	35	23	46	23	42	23	46	23	55				
6	04	17	31	28	29	43	27	45	27	43	27	42	26	36	26	44	27	45	27	36				
6	04	23	31	28	29	38	28	45	28	50	28	42	27	35	27	49	27	42	26	48				
6	05	05	30	28	28	47	27	50	28	48	27	52	26	44	27	56	27	51						
6	05	11	30	24	29	40	27	33	26	29	27	38	27	40	26	46	27	45	26	51	27	47		
6	05	17	30	22	27	30	27	36	27	30	27	41	27	44	27	36	27	38	27	42				
6	05	23	30	22	29	40	28	33	27	30	27	37	26	36	27	30	28	35	27	34	29	32	27	42
6	06	05	30	24	29	32	28	28	28	28	28	37	28	32	28	36	28	36	28	35	27	33	28	37
6	06	11	31	18	30	38	29	35	28	38	28	35	27	29	28	36	28	34	28	30	28	29		
6	06	17	32	22	30	35	30	31	30	28	31	31	30	36	29	41	29	40	30	42	30	44	30	44
6	06	23	34	25	34	44	32	35	31	37	30	48	30	60	31	50	31	48	32	57	31	59		
6	07	05	34	35	34	43	32	47	31	53	31	57	32	59	32	59	32	60						
6	07	11	34	32	33	37	31	49	31	35	31	38	32	46	33	56	32	52						
6	07	17	33	16			29	24	30	24	30	26	30	28	30	34	30	41	31	50	31	51	32	57
6	07	23	33	07			34	12	32	11	31	12	34	10	34	11	32	18	32	23	33	41	33	43
6	08	06	35	10													01	17	35	25	34	53	34	49
6	08	11	00	00	03	08	03	16	05	14	05	15	02	15	02	15	02	16	36	28	35	38	34	58
6	08	17																						
6	08	23	09	07			06	11	06	18	04	11	16	10	36	15	01	39	01	58	36	66	36	57
6	09	05																						
6	09	11																						
6	09	17																						
6	09	23	17	04			20	07	20	10	20	16	20	12	24	11	04	22	02	37	01	46	01	47
6	10	05																						
6	10	11																						
6	10	17																						
6	10	23	34	05			35	14	34	20	33	18	32	18	33	21	34	25	34	23	32	27	34	30
6	11	05																						
6	11	11																						
6	11	17																						
6	11	23	27	23			26	29	26	32	27	20	32	24	29	25	28	31	27	29	30	24	31	27
6	12	05	29	18	28	16	27	26																
6	12	11																						
6	12	17																						
6	12	23	27	28	25	47	25	49	25	50	24	50	23	56	23	79								
6	13	05	28	28	26	25																		
6	13	11																						
6	13	17																						
6	13	23	30	28	28	45	27	51	27	58	29	53	26	55	27	67	27	77	26	77	26	81		
6	14	05																						
6	14	11																						
6	14	17																						
6	14	23	15	18			10	28	29	25	28	38	28	39	28	53	28	70	28	81				
6	15	05																						
6	15	11																						
6	15	17																						
6	15	23	35	15			33	32	32	23	34	39	33	34	33	40	33	37	33	41				
6	16	05																						
6	16	11																						
6	16	17																						
6	16	23	30	28	28	37	28	36	28	38	28	42	29	46	29	54	29	57	30	54	31	50		
6	17	05	33	23	32	21	30	24	30	39														
6	17	11	27	19			25	27	25	29														
6	17	17																						
6	17	23	24	24			24	11	24	28	24	20	23	29	22	30	20	51	19	81	19	81	20	45

Results of Upper Wind Observations,
MACQUARIE – JAN., 1960

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	18	05	25	05	25	06	24	16																
6	18	11	31	23	31	35																		
6	18	17																						
6	18	23	28	22	25	17	24	33	24	41	24	48	23	50	24	54	24	55	23	52				
6	19	05	27	17	25	17																		
6	19	11	30	19	28	25	25	25	24	22														
6	19	17																						
6	19	23	30	23	30	34	29	35	29	37	28	36	29	29	29	42								
6	20	06	20	14			22	25	23	31	23	35	26	29	29	62	30	62	31	86				
6	20	11	23	04			24	18	30	31														
6	20	17																						
6	20	23	19	04			22	19	21	18	20	31	19	43	20	50	18	66	18	70	16	83	18	89
6	21	05																						
6	21	11																						
6	21	17																						
6	21	23	27	10	24	15	24	36	25	28	23	26	24	28	22	30	21	38	22	38	22	33	22	36
6	22	05																						
6	22	11																						
6	22	17																						
6	22	23	28	24	25	36	24	30	24	29	26	30	23	26	25	53	26	72	25	71	26	53	25	60
6	23	05	29	22	27	27	24	21																
6	23	11	31	26	29	25																		
6	23	17																						
6	23	23	29	28	27	50	27	46	26	50	26	52	26	51	26	50	26	43	26	50	26	60	26	50
6	24	05	27	35	26	29																		
6	24	11	27	30	26	30																		
6	24	17																						
6	24	23	28	12	26	20	27	28	27	33	27	32	27	38	26	35	26	30	27	35	26	43	25	54
6	25	05	30	30	29	34																		
6	25	11																						
6	25	17																						
6	25	23	28	23			25	37	24	42	24	49	23	45										
6	26	05	28	22	27	27																		
6	26	11	27	24	26	29	25	36																
6	26	17																						
6	26	23	27	22			26	29	26	33	26	35	26	40	26	40	28	53	28	56	29	67	29	64
6	27	05	30	24	29	25																		
6	27	11																						
6	27	17																						
6	27	23	27	28	26	40	26	38	26	45	28	43	28	51	31	88	30	102	30	96	31	87		
6	28	05	27	32	26	43																		
6	28	11	21	10	23	23																		
6	28	17																						
6	28	23	27	23	26	31	24	30	24	30	24	42	24	37	24	50	24	52	25	60	25	58	26	62
6	29	05	29	22	28	22																		
6	29	11																						
6	29	17																						
6	29	23																						
6	30	05	25	12			22	17	22	34	22	39	22	43	22	44	23	52	24	52	24	53		
6	30	11																						
6	30	17																						
6	30	23	29	17					28	40	24	43	25	57	24	62	23	66	24	77				
7	01	05																						
7	01	11	27	35			25	30																
7	01	17	27	35	26	39	26	41																
7	01	23	26	30	26	53	25	46	26	41	25	52	25	58	25	63	25	80	24	113	26	72	27	110
7	02	05	27	24	27	43	27	35																
7	02	11																						
7	02	17																						
7	02	23	33	29	31	50	30	48	30	47	30	56	29	56	29	59	30	63	29	75	29	88		
7	03	05																						
7	03	11	29	13	27	17	29	18																
7	03	17																						
7	03	23	30	10			29	18	28	11	30	15	29	26	30	53	32	92	33	109	33	129	30	88
7	04	05	31	12	31	19	31	17	31	17	30	17												
7	04	11	31	08	31	16	31	15	30	15														
7	04	17	31	19	30	18																		
7	04	23	36	24					33	36	33	35	33	27	34	27	34	41	31	40	30	37	29	44
7	05	05																						
7	05	11	24	18	23	13																		
7	05	17																						
7	05	23	30	26			28	43	28	46	27	48	26	53	26	62	24	78	24	95	25	88		
7	06	05	27	45	26	58	26	62	26	58	25	64	25	70	25	80	26	78						
7	06	11																						
7	06	17																						
7	06	23	19	09			20	16	23	26	24	42	23	73	23	85	23	95	23	82	23	105	23	90
7	07	05	27	04	31	07	30	09	24	28	23	37												
7	07	11																						
7	07	17																						
7	07	23	31	32	30	34	29	50	28	52	28	54	28	59	28	61	28	53	28	54	28	56	28	73
7	08	05																						
7	08	11																						
7	08	17																						
7	08	23	33	27	31	44	32	41	32	40	31	37	30	33	30	30	31	27	29	34	30	35	28	43

Results of Upper Wind Observations,
MACQUARIE AN 1960

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
7	09	05																						
7	09	11																						
7	09	17																						
7	09	23	33	29	32	32	33	59	31	50	32	51	31	42	32	38	32	44						
7	10	05																						
7	10	11																						
7	10	17																						
7	10	23	33	21	32	40	31	25	31	34	30	37	30	39	30	39	29	36	30	59	30	61	30	65
7	11	05	31	23	29	17																		
7	11	11																						
7	11	17																						
7	11	23	28	25	26	40	26	26	26	26	25	38	25	47	24	63	24	76	24	71	24	78	24	71
7	12	05																						
7	12	11																						
7	12	17																						
7	12	23	27	23			25	38	25	37	25	38	24	45	25	57	24	62	25	66	25	77	25	80
7	13	05																						
7	13	11																						
7	13	17																						
7	13	23	30	22	28	32	27	35	27	43	27	39	27	45	26	53	26	53	25	52	26	75	25	98
7	14	05	29	23	27	37																		
7	14	11																						
7	14	17																						
7	14	23	34	29	33	33	31	44	32	51	32	60	31	57	30	49								
7	15	05	33	38	33	47	31	73	31	59	31	63	31	63	31	80								
7	15	11																						
7	15	17																						
7	15	23	30	13			27	21	27	22	29	21	30	29	31	40	32	60	33	80	33	87	33	76
7	16	05																						
7	16	11																						
7	16	17																						
7	16	23	27	16			25	23	24	20	24	20	24	23	22	35	21	44	22	43	23	39	27	48
7	17	05	28	15	26	15	25	22																
7	17	11																						
7	17	17																						
7	17	23	30	25	29	39	29	29	28	33	28	34	29	37	28	35	28	41	29	43	29	45	30	46
7	18	05																						
7	18	11	31	18	29	19																		
7	18	17	34	19	32	19	29	23																
7	18	23	35	22	36	40	36	29	35	30	36	32	34	35	35	43	35	43	34	43	32	39	34	39
7	19	05	01	23	01	65																		
7	19	11																						
7	19	17																						
7	19	23	2	12			02	44	02	46	01	58	01	55	01	65	36	94	01	95				
7	20	05																						
7	20	11																						
7	20	17																						
7	20	23	32	37	31	47	31	50	31	55	31	75	29	69	30	76	30	88						
7	21	05	30	28	28	30	28	38																
7	21	11	32	20	31	24	29	29	30	40														
7	21	17	34	20	31	36																		
7	21	23	36	22	35	49	34	44	34	36	34	46	34	49	33	49	33	47	30	46	31	60	30	67
7	22	05																						
7	22	11																						
7	22	17																						
7	22	23	27	19	29	23	29	23	28	23	28	31	29	40	26	39	27	40	28	60	30	59	29	49
7	23	05	33	28	33	26	33	32																
7	23	11																						
7	23	17																						
7	23	23	28	10			26	24	27	30	27	23	28	23	28	24	26	29	28	31	28	34	29	44
7	24	05	28	15	23	09	25	23	25	20	26	21	25	24	25	25	27	29	26	29	27	34		
7	24	11	19	15	19	18	21	18	22	27														
7	24	17																						
7	24	23	28	10			25	26	24	27	25	28	24	30	24	32	23	34	23	30	23	40	24	39
7	25	05	20	17	23	12																		
7	25	11	27	21			24	37	24	37														
7	25	17																						
7	25	23	28	26	25	35	24	40	23	48	23	46	22	60	20	61								
7	26	05																						
7	26	11																						
7	26	17																						
7	26	23	27	26			19	11	18	12	25	28	26	33	26	25	26	28	27	23	26	29	27	21
7	27	05																						
7	27	11																						
7	27	17																						
7	27	23	32	13			28	40	28	40	28	38	28	40	28	41	28	49	28	36	27	26	26	29
7	28	05																						
7	28	11																						
7	28	17																						
7	28	23	32	17			31	25	32	23	33	23	33	23	33	16	35	27	35	22	36	25	32	27
7	29	05	34	08	32	13																		
7	29	11																						
7	29	17																						
7	29	23	20	05			21	13	20	11	19	12	23	12	23	17	26	23	26	23	27	22	26	36
7	30	05	28	20	26	29	24	13	26	22	26	26	26	28	26	28	27	38	27	41				
7	30	11																						
7	30	17																						
7	30	23	27	26	27	22	27	29	25	35	25	33	25	38	25	39	26	37	24	33	25	38	27	51

Results of Upper Wind Observations,
MACQUARIE 1960

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
7	31	05	29	29	27	37																		
7	31	11	29	30	28	32	26	32																
7	31	17	32	09	26	10																		
7	31	23	27	10	27	14	27	15	31	09	32	06	26	13	23	07	27	07	23	06	20	04	21	06
8	01	05	31	13	29	15	28	14	28	15	30	14												
8	01	11																						
8	01	17																						
8	01	23	31	02	32	09	32	10	31	15	30	05	31	14	32	18	34	21	35	23	34	38	31	54
8	02	05																						
8	02	11																						
8	02	17																						
8	02	23	16	04	24	11	25	06	24	12	25	15	26	12	31	21	32	32	32	31	31	29	31	52
8	03	05	28	10	26	13																		
8	03	11																						
8	03	17																						
8	03	23	27	23			23	31																
8	04	05	21	14	20	18	20	27																
8	04	11																						
8	04	17																						
8	04	23	18	09			22	20	21	23	20	25	22	38	20	33	19	27	21	27	23	36	23	39
8	05	05	23	04	24	12																		
8	05	11	26	09	25	08																		
8	05	17	29	13	26	26	25	44																
8	05	23	29	10			25	13	25	09	24	11	23	18	21	14	23	13	24	26	26	28	25	31
8	06	05	27	05	25	07	26	10	25	10	24	12												
8	06	11	27	10	27	12	15	04	28	06														
8	06	17	27	03	26	06	24	07	22	07														
8	06	23	29	02			26	02	24	04	24	05	24	08	20	04	13	04	10	16	11	22	11	29
8	07	05	29	08	28	11	29	06	26	08	27	10	27	07	24	06	23	09	10	11	12	17	14	11
8	07	11																						
8	07	17																						
8	07	23	21	22	21	32	21	29	20	32	26	17	30	17	33	33	34	36	33	29	32	26	29	22
8	08	05																						
8	08	11																						
8	08	17																						
8	08	23	20	19	20	16	18	25	20	24	18	28	19	31	19	39	19	41	21	41	21	36	24	18
8	09	05	19	17	19	07	19	14																
8	09	11																						
8	09	17	19	13	19	19																		
8	09	23	19	07	19	15	21	17	19	20	18	23	20	25	22	28	21	40	20	50	20	58	21	56
8	10	05	31	05	25	05	23	08	22	13	22	17	22	24	22	34	21	40	21	58	20	77	20	88
8	10	11	31	21	28	23																		
8	10	17	32	23	29	24																		
8	10	23	32	25	31	43	29	38	28	39	29	37	28	40	28	35	27	38	26	39	26	37	27	50
8	11	05																						
8	11	11																						
8	11	17	33	35	31	43	30	41	29	40														
8	11	23	28	22	25	30	25	35	26	37	26	56	28	86	29	80	27	83	27	96	27	98	27	90
8	12	05	29	19	27	39	27	31	27	28														
8	12	11	30	14	28	18	28	22	28	22	27	39												
8	12	17	31	18	30	22	29	20																
8	12	23	32	16	30	33	29	30	29	41	29	31	30	31	32	45	31	60	32	63	33	68	32	59
8	13	05																						
8	13	11																						
8	13	17																						
8	13	23	33	22	32	36	33	23	32	24	31	27	30	35	29	34	30	38	30	40	29	33	27	36
8	14	05	35	12	34	28	33	40																
8	14	11	02	18	35	27	35	29																
8	14	17	01	29	36	27																		
8	14	23	36	21			36	38	01	36	36	37	01	40	01	41	01	46	01	51	01	40	35	42
8	15	05																						
8	15	11	34	10	33	17	33	19	35	22														
8	15	17	30	08	29	09																		
8	15	23																						
8	16	05	28	13	26	23	27	10	27	17	23	18	23	21	24	27	23	33	21	31				
8	16	11	32	12	32	21	30	30																
8	16	17	33	10	32	23																		
8	16	23	35	12	34	21	33	25	32	21	33	17	32	23										
8	17	05	34	19	34	29																		
8	17	11	36	13	35	26	35	26	34	29	34	27	32	28	31	22	32	23	31	27				
8	17	17																						
8	17	23	35	20	34	36	33	41	33	34	31	30	32	29	31	34	33	30	31	43	31	42	30	40
8	18	05																						
8	18	11																						
8	18	17																						
8	18	23	35	15	33	28	01	16	01	18	35	17	35	15	32	21	31	28	32	40	32	44	31	39
8	19	05	01	12	35	16																		
8	19	11																						
8	19	17																						
8	19	23	31	24	30	34	30	29	31	30	31	31	28	23	29	26	29	29	32	44	32	49	32	43
8	20	05																						
8	20	11																						
8	20	17																						
8	20	23	32	22	32	34	31	37	31	47	31	38	30	32	29	41	28	40	29	33	26	30	27	40

Results of Upper Wind Observations,
MACQUARIE 1960

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
8	21	05																						
8	21	11																						
8	21	17																						
8	21	23	34	10			31	29	31	28	31	35	32	40	32	40	31	40	32	40	32	50	30	59
8	22	05																						
8	22	11																						
8	22	17																						
8	22	23	33	12					31	33	31	44	31	48	31	58	32	87	32	104	33	116	32	90
8	23	05	31	20	28	25	27	33																
8	23	11	28	21	27	23	27	25																
8	23	17	31	24	30	32	29	32	28	38	27	26												
8	23	23	29	13	27	32	28	26	29	33	28	38	28	34	26	37	26	35	23	39	26	38	27	49
8	24	05	34	14	33	21	32	25	31	32	30	34	30	37	32	29	34	24	32	16	32	07		
8	24	11	34	17	35	24	33	30	34	32	32	31												
8	24	17																						
8	24	23	33	30			32	51	31	48	31	53	31	55	31	60	30	59	30	57	29	60	30	78
8	25	05																						
8	25	11																						
8	25	17																						
8	25	23	00	00			24	18	26	18	25	11	24	25	25	29	27	34	27	40	27	36	27	36
8	26	05	29	12	26	11																		
8	26	11	29	17	29	11																		
8	26	17																						
8	26	23	30	25	28	34	29	22	27	21	23	23	25	26	26	38	26	36	22	38	21	68	21	70
8	27	05	30	22	28	28																		
8	27	11	31	26	30	29																		
8	27	17	31	33	28	32																		
8	27	23	31	30	29	40	28	45	27	40	27	46	30	53	28	62	29	74	29	80	28	74		
8	28	05	27	15	27	15	24	19																
8	28	11	29	03	28	10	28	13	26	12	26	21	27	20	28	20								
8	28	17	31	07	31	11																		
8	28	23	34	12	33	21	30	18	30	20	29	17	30	12	31	27	29	34	30	37	29	46	29	63
8	29	05	32	17																				
8	29	11																						
8	29	17																						
8	29	23	30	20	29	32	28	40	29	38	29	36	29	50	29	41	27	46	28	52				
8	30	05	28	21	27	27	27	30	28	40														
8	30	11	29	17	28	19	28	22																
8	30	17	30	21	28	26	27	32	27	34	27	39	26	59										
8	30	23	28	18	28	28	28	31	28	25	29	26	28	27	29	30	29	37	28	50	27	74	27	82
8	31	05	34	19	34	28																		
8	31	11	34	30	34	31																		
8	31	17																						
8	31	23	32	18	29	34	29	34	29	40	29	56	30	53	29	59	30	65	29	71	29	72	29	76
9	01	05																						
9	01	11																						
9	01	17	13	12	13	12																		
9	01	23	13	16			11	08	13	04	12	03	11	05	12	05	12	12	12	16	12	15	13	09
9	02	05	12	10	13	39	13	40																
9	02	11	12	10	13	30	13	32																
9	02	17																						
9	02	23	16	17							26	07	31	15	29	13	31	21	29	18	29	19	28	17
9	03	05	17	09	17	18																		
9	03	11	21	03	18	12																		
9	03	17	28	14	26	18																		
9	03	23	29	21			28	26	28	27	27	31	28	37	28	38	28	68	30	52	30	52	27	42
9	04	05	27	26	26	37	26	28																
9	04	11																						
9	04	17	31	30	30	40																		
9	04	23	32	26	30	46	28	50	28	51	28	51	28	50	28	53	28	65	28	72	28	79		
9	05	07	32	35	31	44	30	52	30	54	29	55	29	59	29	58	29	65	29	83	29	81		
9	05	11																						
9	05	17	30	23	28	35	28	38	28	42	27	46												
9	05	23	27	24			27	29	28	35	28	43	30	43	29	74	30	99	30	110	28	78	31	95
9	06	05	27	20	25	25	25	36	26	32	26	36	26	33	25	41								
9	06	11																						
9	06	17																						
9	06	23	32	33	32	53	31	47	31	43	30	41	30	39	30	49	31	86	31	104	30	124	31	90
9	07	05	27	13	25	21	25	20	26	31	27	33												
9	07	11	30	17	27	22	27	34	28	29														
9	07	17																						
9	07	23	31	26	31	36	31	41	31	32	28	48	28	62	29	58	27	71	28	86	27	115	28	72
9	08	05	32	35	31	34	29	40	29	39														
9	08	11																						
9	08	17																						
9	08	23	29	35	24	57	23	46	24	50	24	45	24	54	24	41	24	50	25	58	25	66	27	68
9	09	05	28	23	25	16																		
9	09	11	27	18	26	20	26	22																
9	09	17	30	16	29	20																		
9	09	23	32	18	31	21																		
9	10	05																						
9	10	11																						
9	10	17																						
9	10	23																						

Results of Upper Wind Observations,
MACQUARIE 1960

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
9	11	05	28	23	25	26	25	30																
9	11	11	28	16			23	24																
9	11	17	29	23	27	26																		
9	11	23	29	24	29	22	28	33																
9	12	05	29	28	27	41	27	43																
9	12	11	30	30	29	34																		
9	12	17	29	30	28	37																		
9	12	23	29	20	28	37	27	35	27	31	27	27	27	39	28	43	28	52	27	60	27	70	27	63
9	13	05	29	24	29	30	27	35																
9	13	11	31	27	29	35																		
9	13	17																						
9	13	23	31	24	29	36	28	40	28	35	28	38	27	52	27	59	28	65	28	70	27	80	27	95
9	14	05																						
9	14	11																						
9	14	17	26	16	24	30	24	17																
9	14	23	28	10					24	17	25	20	26	28	25	33	26	35	27	40	27	51	26	52
9	15	05	31	12	28	17	26	18																
9	15	11	22	12	21	25																		
9	15	17	20	04	20	05	20	07	22	09	23	20	22	22										
9	15	23	29	04			24	14	24	15	20	23	20	18	23	33	24	37	24	48	25	39	24	41
9	16	05	28	17	28	37																		
9	16	11																						
9	16	17																						
9	16	23	28	17			25	14	25	25	23	26	22	14	22	11	17	07	13	13	11	24	17	08
9	17	05																						
9	17	11																						
9	17	17	32	23	31	22																		
9	17	23	32	28	31	37	30	38	28	35	30	38	29	35	29	38	29	38	29	48				
9	18	05	25	15	22	15	23	23																
9	18	11	28	10	25	10																		
9	18	17	29	17	28	34																		
9	18	23	32	29	31	35	30	45	29	39	29	44	29	39	27	40	27	40	25	58	27	47	26	57
9	19	05	32	30	31	31																		
9	19	11	28	22	31	29	29	32	29	32														
9	19	17	28	17	28	26																		
9	19	23	30	22	29	23	29	27	27	40	27	34	26	40	27	40	27	49	25	57	26	62	25	63
9	20	05																						
9	20	11																						
9	20	17																						
9	20	23	27	32	27	44	27	41	26	48											28	73	28	90
9	21	05	29	26	27	37	26	49	25	40	25	36	26	49	27	54								
9	21	11	29	23	27	11	27	23																
9	21	17	29	08	28	23																		
9	21	23	30	20	29	30	27	37	26	33	27	29	27	33	27	50	28	58	28	74	29	73		
9	22	05	28	26	26	36	25	48	24	30														
9	22	11	27	26			25	46	24	34														
9	22	17	28	20	26	33	25	32																
9	22	23	28	20	27	33	28	28	28	26	27	22	28	22	27	29	28	40	26	41	25	54	26	41
9	23	05	28	20	27	20	26	24																
9	23	11	34	14	33	21	32	28	30	33	28	22	29	04										
9	23	17	36	10	32	18	31	21	30	13	29	18	28	11										
9	23	23	35	17	34	25	33	29	33	29	32	24	30	20	33	14	29	06	26	13	26	10	21	19
9	24	05	35	19	34	31																		
9	24	11																						
9	24	17	34	26	31	36																		
9	24	23	34	22	35	41	33	46	33	45	32	39	32	46	33	39	33	31	32	34	30	36	27	48
9	25	05	34	25	33	29																		
9	25	11																						
9	25	17																						
9	25	23	34	20	33	41	33	52	33	33	32	35	33	36	31	27	32	30	30	40	29	40	29	43
9	26	05																						
9	26	11																						
9	26	17																						
9	26	23	30	12	28	23	28	24	30	25	31	33	31	43	32	54	32	64	33	62	34	71	33	70
9	27	05																						
9	27	11	18	11	18	21																		
9	27	17	22	02	21	04	23	06	23	07	24	11	25	10										
9	27	23	28	02	27	05	28	12	27	18	26	15	28	15	28	23	29	25	27	41	27	52	27	54
9	28	05	34	10	34	12	32	12																
9	28	11	35	18	35	19																		
9	28	17	36	11	36	20	35	31																
9	28	23	36	14					35	32	35	30	35	31	33	30	32	40	32	51	32	49	31	48
9	29	05																						
9	29	11	33	20	31	24																		
9	29	17	35	09	33	09																		
9	29	23	01	14			36	26	36	25	35	25	33	24	33	33	32	41	32	41	32	47	31	47
9	30	05																						
9	30	11																						
9	30	17																						
9	30	23	34	21	32	37	31	42	31	41	31	35	31	40	32	37	33	55	33	58	30	40	28	46

Results of Upper Wind Observations,
MACQUARIE 1960

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	01	05	31	17	29	23	27	29	28	26	29	25	29	38	27	27	29	29	27	43	26	43		
0	01	11																						
0	01	17																						
0	01	23	28	19	26	29	24	30	23	37	23	37	24	66	25	78	25	84	25	95	27	110		
0	02	05	29	17	27	20	27	20	26	23	26	44												
0	02	11	33	16	31	24	30	34	28	30	28	26	28	35	29	44								
0	02	17	32	19	31	26																		
0	02	23	34	21	32	31	31	35	30	35	30	32	30	30	28	29	27	38	28	35	32	23	29	35
0	03	05	33	19	31	29																		
0	03	11																						
0	03	17																						
0	03	23	34	21	34	40	32	42	33	41	33	42	32	46	32	53	32	44	32	56	32	63	31	71
0	04	05	35	21	34	32																		
0	04	11																						
0	04	17	34	20	35	30	33	38																
0	04	23	35	20	34	45	33	39	32	30	32	44	32	43	33	45	33	54	33	57	33	66	32	62
0	05	05																						
0	05	11																						
0	05	17																						
0	05	23	15	01									30	16	29	19	30	28	29	31	30	36	30	54
0	06	05																						
0	06	11																						
0	06	17																						
0	06	23	34	15	32	31	32	26	33	36	32	36	33	41	32	47	30	51	29	61	30	53	31	67
0	07	05																						
0	07	11	33	02	30	15	29	13																
0	07	17																						
0	07	23	33	14	29	23	29	27	31	33	29	28	29	33	29	41	29	42	31	45	30	60	30	51
0	08	05	27	04	26	06	28	08	31	24														
0	08	11	18	04	17	10	01	02	30	04	18	06												
0	08	17	16	19	14	23	05	05	31	05	30	14												
0	08	23	15	23					33	07	31	09	32	13	27	23	31	27	32	35	31	40	30	42
0	09	05	14	28	12	46																		
0	09	11																						
0	09	17																						
0	09	23	01	15			35	28	34	30	33	35	33	26	33	33	33	34	31	50	29	67	31	44
0	10	05																						
0	10	11	33	21	32	37																		
0	10	17	33	17	31	17	30	14	31	16														
0	10	23	34	05	33	16	33	20	33	20	34	22	33	19	34	34	32	35	33	51	34	65	33	49
0	11	05	31	07	28	10	35	06	34	12														
0	11	11																						
0	11	17																						
0	11	23	16	26			19	17	20	18	21	18	20	19	20	19	18	24	18	30	18	45	19	35
0	12	05																						
0	12	11	14	16	17	11	17	15																
0	12	17	36	02	35	05																		
0	12	23	32	17			33	23	32	15	27	13	24	22	26	25	27	38	25	37	23	37	27	40
0	13	06	35	22	33	28	33	39	32	45	32	40	32	43	29	39	32	32	29	42				
0	13	11																						
0	13	17																						
0	13	23	34	26	33	46	31	36	33	44	32	42	32	43	32	48	32	55	32	62	32	70	32	60
0	14	05																						
0	14	11	29	09	28	16	26	21	26	24	27	24	28	29										
0	14	17																						
0	14	23	31	22	28	40	27	40	27	46	27	35	26	43	26	41	26	52	25	58	26	68	28	67
0	15	05	31	17	28	27																		
0	15	11																						
0	15	17																						
0	15	23	33	22	31	37	29	31	29	26	29	32	28	44	28	51	28	53	28	56	28	57	27	60
0	16	05	33	20	30	34																		
0	16	11																						
0	16	17																						
0	16	23	34	30	34	58	33	58	32	70	31	83	30	93										
0	17	05																						
0	17	11	30	30	27	38																		
0	17	17																						
0	17	23	21	14			21	11	21	11	21	13	21	11	23	19	20	28	20	28	23	37	28	46
0	18	05	29	14	28	19	29	17	27	25	27	29	26	29	25	35	25	28	24	33	26	44	26	55
0	18	11	33	24	31	24																		
0	18	17																						
0	18	23	31	30	29	55	28	59	28	64	29	74	29	85	28	95	28	111						
0	19	05	29	35	27	63																		
0	19	11	29	37	27	46	28	55																
0	19	17																						
0	19	23	29	35	26	29	24	35	24	39	23	47	24	51	25	48	24	47	24	51	25	75	26	81
0	20	05	27	18	25	50																		
0	20	11																						
0	20	17																						
0	20	23	28	24			26	32	26	32	25	39	25	51	25	85								
0	21	05	27	27	25	30																		
0	21	11	28	28	25	30																		
0	21	17	30	23	27	23	28	18																
0	21	23	32	24	29	42	28	46	28	39	26	43	26	55	25	59	25	62						

Results of Upper Wind Observations,
MACQUARIE 1960

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	22	05																						
0	22	11																						
0	22	17																						
0	22	23	32	23	29	42	27	40	28	40	28	50	28	58	28	69	27	78						
0	23	05																						
0	23	11																						
0	23	17																						
0	23	23	30	19			27	32	28	35	29	35	29	47	28	53	29	72	31	94				
0	24	05																						
0	24	11	29	21	26	23	25	30	27	35														
0	24	17	31	21	30	25	29	29																
0	24	23	32	25	31	43	29	52	29	46	29	44	29	35	28	49	28	49	26	48	25	41	27	42
0	25	05																						
0	25	11																						
0	25	17																						
0	25	23	33	26	32	46	31	53	31	54	32	53	32	58	33	57	31	56	31	60	32	55	32	52
0	26	05																						
0	26	11	31	12	29	24	28	30	30	42	31	38												
0	26	17																						
0	26	23	28	17	27	31	27	23	28	38	29	35	26	29	26	34	27	45	27	49	29	53	30	55
0	27	05	30	16	29	16	28	21	28	29	27	38	28	32	28	37	27	40	26	44	26	55		
0	27	11	35	14	34	28	33	36																
0	27	17																						
0	27	23	35	26	32	43	31	37	32	38	32	32	32	37	35	48	35	58	34	54	33	40	30	35
0	28	05																						
0	28	11	20	22	19	54	19	49																
0	28	17	23	04	22	10																		
0	28	23	29	10							28	17	27	30	24	42	23	44	23	57	23	80	24	37
0	29	05	32	19	31	23	31	29	29	38	29	40	28	39	27	36	25	40	24	53				
0	29	11	34	24	30	36																		
0	29	17																						
0	29	23	34	26	32	44	31	46	31	57	31	63	30	61	30	57	29	66	28	63				
0	30	05																						
0	30	11																						
0	30	17																						
0	30	23	34	24	33	40	32	32	32	45	33	42	33	54	33	58	35	78	34	85	34	100		
0	31	05	32	16	31	31	29	40	29	31	29	31	29	30	31	37	33	60						
0	31	11	24	13	23	24																		
0	31	17	16	13	17	13																		
0	31	23	16	15			14	13	15	07	29	14	29	14	31	11	33	26	33	34	33	17	01	12
11	01	05	14	15	13	14																		
11	01	11	14	16	23	15																		
11	01	17	15	10	15	11																		
11	01	23	14	05			12	06	25	08	27	06	28	07	24	04	02	06	35	04	29	04	09	07
11	02	05	14	02	12	05	19	04																
11	02	11	30	02	31	05	22	04																
11	02	17																						
11	02	23	01	10			34	18	28	21	27	11	30	19	31	16	30	15	26	20	25	25	25	30
11	03	05	33	14			31	23	31	26	31	25	30	25	32	32	30	36						
11	03	11																						
11	03	17																						
11	03	23	31	22			26	34	28	33	30	37	30	40	30	48	30	52	29	60	29	49	30	45
11	04	05																						
11	04	11																						
11	04	17																						
11	04	23	29	22			28	21	28	24	27	26	27	28	30	67	31	76	30	74	31	56	32	56
11	05	05	32	16	31	21	30	26	30	30	30	26	30	24	30	34	30	84						
11	05	11																						
11	05	17	31	23	31	22	30	26	30	36														
11	05	23	31	22			29	29	29	29	28	29	29	37	29	41	27	44	27	50	29	45	29	48
11	06	05	29	20	29	22	28	25																
11	06	11																						
11	06	17																						
11	06	23	32	20	29	46	29	42	29	49	30	56	29	51	30	73	28	86	29	85	29	80		
11	07	05																						
11	07	11																						
11	07	17																						
11	07	23	30	24	27	44	27	35	26	29	28	29	28	36	28	41	29	46	30	54	30	65	31	67
11	08	05	29	17	28	28	27	31	27	30	27	30	28	28	29	36								
11	08	11	29	14	27	17	27	21	27	21	28	23												
11	08	17																						
11	08	23	31	06					27	12	25	30	26	34	28	37	27	37	27	34	27	37	27	42
11	09	05																						
11	09	11	30	21	29	23	28	24																
11	09	17																						
11	09	23	29	26	26	45	27	41	27	39	27	44	27	70	26	73	26	93	26	109	26	91	26	67
11	10	07	31	25	28	23	28	33	27	54	27	51	27	59	27	67	27	78						
11	10	11																						
11	10	17																						
11	10	23	31	22	29	25	28	30	27	34	28	42	29	55	30	79	32	96	31	138	29	112		

Results of Upper Wind Observations,
MACQUARIE 1960

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
11	11	05	29	26	28	32	27	27	28	35	27	39	28	44	28	50	29	69						
11	11	11	29	22	29	32	28	31																
11	11	17	29	26	28	39	27	39																
11	11	23	29	24	26	27	26	29	26	35	28	33	27	35	26	52	26	65	25	85	26	97	26	80
11	12	05	30	18	28	16	28	24	25	25	27	29	26	36	27	46	27	65						
11	12	11	34	20	33	24	31	32	31	34	31	28	30	36										
11	12	17																						
11	12	23	02	13			35	24	26	25	33	25	33	33	32	40	31	62	31	84	31	108	31	116
11	13	05																						
11	13	11																						
11	13	17																						
11	13	23	20	30	19	32	20	43	21	34	21	33	21	28	25	23	28	30	32	32	32	31	29	31
11	14	05	23	15	22	18																		
11	14	11	21	20	22	16																		
11	14	17	21	13	21	15																		
11	14	23	20	13			23	18	22	32	20	42	21	40	21	41	20	46	21	52	22	57	22	52
11	15	05	29	05	23	10																		
11	15	11																						
11	15	17	28	15	21	12	26	20																
11	15	23	28	12			24	21	25	21	26	19	26	18	27	22	27	28	28	30	26	24	25	25
11	16	05	29	13	28	12	27	19																
11	16	11	30	14	30	15	29	14																
11	16	17																						
11	16	23	33	17			30	25	30	23	30	26	30	33	28	18	27	26	26	24	27	26	26	26
11	17	05	33	22	31	22	30	23	31	21	30	22	28	20										
11	17	11																						
11	17	17																						
11	17	23	35	17	35	31	33	43	33	48	33	35	33	37	32	31	33	47	31	67	29	70	29	38
11	18	05																						
11	18	11																						
11	18	17																						
11	18	23	33	11			31	23	32	26	32	34	32	42	32	46	32	52	33	68	34	89		
11	19	05	33	11	30	22	27	29	27	30	29	26	31	36	32	45	33	47	33	61				
11	19	11	34	20	28	19																		
11	19	17																						
11	19	23	32	27	30	43	28	40	28	41	28	38	28	36	28	26	27	13	27	30	28	45	29	47
11	20	05																						
11	20	11																						
11	20	17																						
11	20	23	14	03	00	00	25	12	26	17	26	17	24	36	25	38	23	49	24	53	25	74	24	100
11	21	05	35	09	34	13	31	14	29	20	26	21	26	30										
11	21	11																						
11	21	17																						
11	21	23	01	17	36	40	35	42	34	46	34	45	34	51	34	48	32	48	31	60	31	55	30	64
11	22	05																						
11	22	11																						
11	22	17																						
11	22	23	35	13	35	28	34	39	34	37	34	41	34	47	35	60	35	99	35	138				
11	23	05	33	29	32	41	32	41	32	43														
11	23	11	35	18	33	26	31	32	32	41	32	38												
11	23	17	35	13	33	21	32	26	33	25	32	29	33	33	34	46	34	77						
11	23	23	36	10	33	23	33	19	32	21	33	24	32	28	34	39	35	71	35	87	35	58	33	52
11	24	05	36	08	33	18	31	14	32	24	32	24	32	26	31	32	31	24	33	36	33	44	34	48
11	24	11	33	01	33	10	33	11	33	11	31	09	31	18	32	17	32	19						
11	24	17	00	00	00	00	00	00	29	04	29	06	27	04	20	05	21	07	21	12	21	16	22	11
11	24	23	17	13			22	08	27	15	28	13	29	10	26	14	21	30	21	33	23	31	28	19
11	25	05	29	08	25	08	25	12	28	16														
11	25	11	30	10	26	13																		
11	25	17	33	15	33	16	31	21																
11	25	23	35	16																				
11	26	05	28	17	27	22	25	23	26	22	27	23	28	23	29	31	30	34	30	39	30	40	31	50
11	26	11	34	14	34	20									28	30	28	24	28	27	29	28	29	33
11	26	17	34	21	34	25	33	28	32	22	32	25												
11	26	23	36	17	35	39	34	40	35	36	33	41	33	39	33	40	33	42	33	45	32	52	32	45
11	27	05																						
11	27	11																						
11	27	17	29	23	28	25																		
11	27	23	31	15			32	15	31	29	30	34	30	31	29	36	28	45	28	53	27	66	28	48
11	28	05	02	22	36	24	35	30	34	36	31	31	31	31										
11	28	11																						
11	28	17	34	22	33	28	32	31																
11	28	23	34	28			33	45	32	47	32	45	33	57	33	62	33	68	33	66	32	66	32	56
11	29	05																						
11	29	11																						
11	29	17	29	16	29	23																		
11	29	23	24	15	23	22	27	22	27	21	28	25	29	17	27	04	34	17	36	15	33	19	31	25
11	30	05	29	12	26	09	24	20	25	21														
11	30	11	25	09	23	13	23	23																
11	30	17	28	02	23	15																		
11	30	23	28	11			27	18	28	20	25	19	26	25	25	24	23	32	23	41	24	40	24	31

Results of Upper Wind Observations,
MACQUARIE 1960

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
12	01	05	33	17	33	17	30	26																
12	01	11	31	13																				
12	01	17	25	10																				
12	01	23	24	07					22	20	22	23	21	33	22	43	21	47	22	60	21	69	21	60
12	02	05	29	08	26	20																		
12	02	11	30	07																				
12	02	17	32	09																				
12	02	23	31	07																				
12	03	05	34	14	31	23	30	26	33	26	29	21												
12	03	11	34	17																				
12	03	17	31	09																				
12	03	23	34	09	31	17																		
12	04	05	34	14																				
12	04	11	30	10																				
12	04	17	26	04																				
12	04	23	30	05	29	06																		
12	05	05	31	12																				
12	05	11	31	12																				
12	05	17	31	10																				
12	05	23	31	07	29	07																		
12	06	05	33	10																				
12	06	11	34	12	33	13	31	28	31	19	30	18	31	21	30	22	31	23	29	21	27	21	24	26
12	06	17	34	13																				
12	06	23	34	12																				
12	07	05	34	07																				
12	07	09	33	05					32	08	32	09	33	12	34	20	34	33	35	49	34	40		
12	07	17	18	09					18	10	30	20	32	25	34	33	02	13	35	58	33	60	33	42
12	07	23	18	06	00	00	00	00	00	00	25	16	35	18	29	23	27	30	26	30	26	44	30	29
12	08	05	28	05	25	18	25	24	23	08	25	07	26	17	29	29	30	28	31	49	30	45	31	30
12	08	11	00	00			24	09	23	18	23	20	24	24	27	26	29	28	25	24	24	29	27	28
12	08	19	00	00			27	09	26	12	26	13	24	29	24	24	25	21	25	25				
12	08	23	29	09	26	18	24	16	23	12	24	22	24	24	24	17	24	25	24	28	24	28	26	29
12	09	05	29	10	23	05	22	13	23	15	23	13	21	19	21	31	21	41	21	70	21	82	22	37
12	09	11	00	00			24	11	21	12	21	15	20	17	21	23	21	34	21	51				
12	09	17	33	04					31	10	30	08	28	06	24	18	24	32	24	37				
12	09	23	34	16			33	14	33	23	31	18	32	23	29	24	27	29	26	35	26	56	25	53
12	10	05	33	19	33	28	32	35	33	28	32	30	31	36	29	36	27	39	28	55	23	77	23	97
12	10	11	35	21	34	42	32	43	31	49	31	44	31	37	30	41	29	53						
12	10	17	34	30																				
12	10	23	34	27	33	17	32	48	31	51	32	56												
12	11	05	34	27	33	55	31	54	31	59	31	55	31	54	32	65								
12	11	11	34	28																				
12	11	17	33	45	32	70	32	60	32	59	32	74	32	76										
12	11	23	31	39					28	35	28	52	29	53	30	63	32	79	32	99				
12	12	05	32	27	29	45	29	44	28	35	27	52	28	55	28	62	29	56						
12	12	11	32	23																				
12	12	17	34	26																				
12	12	23	30	15	29	32	29	31	29	36	29	52	29	49										
12	13	05	34	14	32	13	30	15																
12	13	11	32	25			25	40	25	43	24	45	25	54										
12	13	17	32	21	29	24																		
12	13	23	32	35																				
12	14	05	32	28	27	22																		
12	14	11	29	16																				
12	14	17	33	23	33	26	32	38	31	34														
12	14	23	33	27																				
12	15	05	29	28	28	40	28	50																
12	15	11	30	26																				
12	15	17	31	23																				
12	15	23	29	21																				
12	16	06	23	15	24	26																		
12	16	11	29	12	24	30	23	28	24	29														
12	16	17	31	23	28	30																		
12	16	23	29	24																				
12	17	05	29	17																				
12	17	11	29	25																				
12	17	17	29	17																				
12	17	23	32	34																				
12	18	05	32	30																				
12	18	11	29	35																				
12	18	17	25	19	23	22																		
12	18	23	29	19																				
12	19	05	29	28	25	24																		
12	19	11	29	24																				
12	19	17	32	30																				
12	19	23	32	26																				
12	20	05	32	22			28	32	27	35	26	46	26	48	27	55								
12	20	11	34	20			30	27	30	45	29	62	29	50										
12	20	17	35	26							31	46	31	71										
12	20	23	34	24																				
12	21	05	29	23	27	38	27	33	28	33														
12	21	11	34	21			32	26	32	32	33	38												
12	21	17	36	25			30	40	30	50	31	43	29	42										
12	21	23	32	41					27	43	28	55	29	50	28	60								

Results of Upper Wind Observations,
MACQUARIE 1960

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
12	22	05	32	44			27	87	26	85	25	79	26	64										
12	22	11	28	52																				
12	22	17	27	27	23	27	24	38																
12	22	23	29	19	27	19	27	19	27	26	26	29	25	29	26	35	26	47	26	51	25	40		
12	23	05	29	12	28	15	28	21	28	26	28	24	28	24	29	29	28	43	28	40				
12	23	11	32	10			30	20	26	28	29	18	31	37	29	23	28	41	28	51				
12	23	17	32	12			32	20	30	12	31	12	32	21	31	26	29	32	32	37	32	25		
12	23	23	34	04					29	06	30	13	32	08	31	20	29	16	31	21	32	20	27	29
12	24	05	31	10	27	13	26	10	25	11	25	11	26	15	26	20	27	16	26	24				
12	24	11	30	06			24	16	23	14	24	15	25	14	23	20	23	20	25	35				
12	24	17	29	11	26	19	25	19	24	09	24	16	24	18	24	44								
12	24	23	32	11	29	09	31	11	31	11	31	06	28	21	26	33	26	62	25	44	25	31	26	41
12	25	05	36	18									29	14	29	22	29	27	29	23				
12	25	11	36	07																				
12	25	17	32	22							27	41	27	33	26	15	26	16	28	23	28	25		
12	25	23	32	24					27	31	27	29	27	21	28	32	27	30	25	35	27	39	26	48
12	26	05	32	30	28	39	28	40	27	41	27	40	26	39	26	48	26	39	26	51				
12	26	11	29	23	28	34	28	31	26	31	26	32	26	33	25	63	24	59						
12	26	17	31	08	33	14	31	20	29	28	28	25	28	26	27	41	27	41						
12	26	23	34	18			29	36	29	43	29	48	28	50	28	51	28	57	28	67	28	72	30	77
12	27	05	32	23	28	34	27	42	28	51	28	50	29	51	30	47	28	53						
12	27	11	29	21	28	21	27	27	27	31	26	29	27	39	28	43	29	40	28	48	28	62		
12	27	17	29	21	29	26	28	31	28	35	27	44	27	41	27	43	27	51	26	64	26	59		
12	27	23	30	25					26	42	26	47	26	49	26	38	25	54	26	52	25	47	25	62
12	28	05	30	28			24	58	23	46	22	45	23	55										
12	28	11	32	21			21	29	21	35	21	43	21	45	21	51								
12	28	17	24	09	23	15	23	26	23	33	23	36	23	43	23	59								
12	28	23	26	09	22	11	23	16	23	35	22	40	22	56	23	67	23	83						
12	29	05	29	10	27	17	26	14	24	16	24	29	24	39	24	65	23	67						
12	29	11	34	17			31	26	29	33	27	37	27	47	26	58								
12	29	17	35	25			30	45	29	52	28	41	28	52										
12	29	23	31	24			28	37	28	50	28	57	28	67	28	99	28	95						
12	30	05	30	25	28	33	28	42	28	54	28	61	28	65	28	72	29	95						
12	30	11	29	24	27	39	27	44	26	43	27	54	28	64	28	77								
12	30	17	29	33			26	49	25	41	25	51	26	61	26	68								
12	30	23	29	27	26	39	26	49	25	63	25	65	25	55	26	54	27	75	28	106				
12	31	05	29	26	27	37	25	44	25	41	24	43	25	52	25	57	24	70	24	86				
12	31	11	29	24	25	20	25	36	25	35	25	43	25	43	25	54	25	57	26	48				
12	31	17	29	19	26	34	26	33	27	21	23	36	25	40	25	42	26	49	27	55	27	58	24	100
12	31	23	29	17	25	17	23	27	23	28	24	30	24	23	25	38	25	32	28	37	28	45	28	63

Results of Upper Wind Observations,
MACQUARIE 1960

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
1	18	11	29	54																				
1	28	23	34	37	32	39																		
1	29	05	31	23	30	35	30	20																
1	29	23	27	34	26	31	27	21	29	23														
2	05	23	33	34	33	39	34	33	34	27														
2	22	23	29	57	30	59	29	60	27	56	29	44												
2	23	05	30	77																				
3	08	05	31	100	31	97																		
3	15	23	22	08	28	23	31	16	28	25	30	26												
3	16	23	26	37	27	39	27	35																
3	17	17	18	26	22	25	24	21	23	20														
3	18	23	29	17	27	20	24	19	25	18	30	15												
3	19	23	26	30	25	26	26	27	26	22	27	28												
3	26	23	29	44																				
4	08	23	27	58																				
4	10	23	28	49	28	42	28	42																
4	15	23	35	44	33	28																		
4	19	23	31	57	30	61	30	46	30	47														
4	20	23	29	33	29	31	29	44																
4	21	23	29	46	28	41	28	36	27	44	28	26												
4	23	23	33	62																				
4	24	23	31	43	31	48	31	45	31	39														
4	26	23	28	50	28	43	30	35	30	30	28	31												
4	27	23	33	35	32	32	31	37	32	25														
4	29	23	30	45	30	43																		
4	30	23	24	29	26	38	26	35	29	28														
5	01	05	24	32	26	36																		
5	01	17	29	33																				
5	01	23	28	36	28	32	27	20	28	24														
5	02	17	29	27																				
5	02	23	34	35																				
5	04	23	31	23	30	22	30	20	28	20														
5	05	05	30	22	30	24	29	24	28	21	28	22												
5	05	11	29	11																				
5	05	23	02	15	33	13	31	21	30	23	29	25												
5	06	05	03	32																				
5	06	23	34	20	32	23	33	26	30	23														
5	07	23	35	32																				
5	08	23	34	19	32	21	30	17																
5	10	05	32	12																				
5	10	23	26	32																				
5	12	23	24	48																				
5	13	23	29	41	28	37	27	30																
5	14	17	29	33																				
5	14	23	30	32	29	24	29	27	29	25	29	29												
5	15	17	31	17																				
5	17	23	25	80	27	50																		
5	20	23	29	59	28	56	28	41																
5	23	23	24	70																				
5	25	23	24	38	24	41	26	47	25	53														
5	26	17	26	28	24	31																		
5	26	23	27	50																				
5	27	17	26	40	27	48	27	50																
5	27	23	29	42	27	50																		
5	31	23	29	43	31	47	28	41																
6	01	23	26	42	26	50	29	64																
6	05	23	27	42	27	40	27	48	27	42	27	45												
6	06	05	28	37																				
6	07	17	31	49																				
6	07	23	32	48	31	57	31	51	31	57														
6	08	11	34	43																				
6	09	23	34	32	33	37	32	42	30	50	32	66												
6	10	23	33	34	32	33																		
6	11	23	29	29	29	33	28	42	27	58														
6	17	23	20	22																				
6	20	23	21	49	23	34	25	36																
6	21	23	22	41	25	32	25	37																
6	22	23	26	37	25	35	24	34																
6	23	23	26	56	26	53	26	45	26	46														
6	24	23	26	56	26	57	25	42	26	50														

Results of Upper Wind Observations,
MACQUARIE 1960

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
7	03	23	30	75																				
7	04	23	30	44	29	55	29	50																
7	06	23	21	65																				
7	08	23	29	67	28	60																		
7	10	23	30	64	30	62																		
7	11	23	28	65	26	50																		
7	13	23	26	80																				
7	16	23	28	58	28	56	29	64																
7	17	23	29	50																				
7	18	23	32	64	31	70	31	74																
7	21	23	32	70	28	70																		
7	22	23	30	58	31	40	29	69																
7	23	23	29	40	29	62	29	61	29	69														
7	24	23	25	51	26	42																		
7	26	23	25	34	26	42	23	40	22	32	23	40												
7	27	23	26	36	26	43																		
7	28	23	29	31	29	28	27	42	28	47	27	45												
7	29	23	27	44	28	45	27	50	27	50														
7	30	23	27	55	27	53	27	55	28	50														
7	31	23	28	25	28	41	28	48	28	58														
8	02	23	30	60	31	73																		
8	04	23	23	36	26	36	28	45	30	58														
8	05	23	26	27	26	33	26	46	28	51	26	53												
8	06	23	18	10	26	21	26	29	26	50														
8	07	05	14	07	26	16	27	30																
8	07	23	29	25	28	34	26	37																
8	08	23	23	20	26	31	26	37	28	52	26	50												
8	09	23	24	39	27	46	27	58	28	77														
8	10	23	26	60	27	67	27	69																
8	12	23	30	52	28	54	29	53																
8	13	23	28	50	28	61																		
8	17	23	29	36	28	51	28	61																
8	18	23	30	26	29	38	28	40	27	47														
8	19	23	31	38	28	48	28	50	26	70														
8	20	23	27	40	26	47																		
8	21	23	30	60	29	60	30	55	31	50														
8	22	23	32	65																				
8	23	23	29	68	28	66	28	76																
8	24	23	29	63																				
8	25	23	27	30	27	29																		
8	28	23	28	57	28	53																		
8	30	23	28	75																				
9	01	23	25	20	26	46																		
9	02	23	26	23	26	30	25	43	24	53	25	60												
9	03	23	27	57	27	64	29	80																
9	05	23	27	55	29	66																		
9	06	23	30	84																				
9	07	23	27	81	28	60																		
9	08	23	26	69	26	74																		
9	12	23	27	63	27	70																		
9	13	23	29	70	27	79																		
9	14	23	27	54	26	63	26	58																
9	15	23	25	44	26	53	26	56																
9	16	23	26	30	24	60	27	56	27	55	27	58												
9	18	23	25	58	25	58	27	68																
9	19	23	26	67	26	63	27	75																
9	20	23	29	83																				
9	22	23	26	66	29	83	27	92																
9	23	23	25	24	26	52	28	82	27	86	27	93												
9	24	23	30	44	27	40	26	46	26	60														
9	25	23	28	46	28	38	30	34	29	34														
9	26	23	32	56	29	67	31	52																
9	27	23	28	54	28	65	28	60																
9	28	23	30	49	28	69	28	56	29	54	28	58												
9	29	23	31	33	29	48	30	43	28	45														
9	30	23	27	45	30	42	28	52	29	57														
0	02	23	29	50	28	64	27	71	31	52														
0	03	23	32	66																				
0	04	23	31	65	29	66																		
0	05	23	30	67	30	65	29	57	29	64														
0	06	23	31	52																				
0	07	23	30	51																				
0	08	23	30	46	28	42	28	41	28	44														
0	09	23	29	40	27	50	28	50																
0	10	23	33	55	32	53	30	55	31	53	31	58												

Results of Upper Wind Observations,
MACQUARIE 1960

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
0	11	23	24	25	26	31	28	48	29	62														
0	12	23	26	40	26	43	28	50	27	50														
0	13	23	30	47	30	61	29	55																
0	14	23	27	52	28	68																		
0	15	23	28	60																				
0	17	23	28	58	30	58	28	40	28	50														
0	18	05	27	46																				
0	19	23	26	82																				
0	25	23	30	45																				
0	26	23	30	42	30	44	28	52																
0	31	23	35	15	33	08	33	12	27	12	20	20												
11	01	23	16	13	17	09	24	02	25	05														
11	02	23	25	16	25	17	26	12	26	07														
11	03	23	29	30	27	22	29	21	29	11	31	12												
11	04	23	32	39	31	36	32	25	33	10														
11	05	23	28	47	31	43	28	41	29	31														
11	07	23	30	60	31	64	31	52	32	58														
11	08	23	26	44	27	36	27	33	28	30														
11	09	23	26	50																				
11	11	23	26	77	26	65																		
11	12	23	30	70																				
11	13	23	29	25	28	27	27	31																
11	14	23	23	34	24	36	26	28	26	22														
11	15	23	23	25	23	26	24	26	27	27														
11	16	23	28	25	27	27	27	21	26	13	26	10												
11	17	23	25	34	27	25																		
11	19	23	30	46	28	36	30	26	28	31														
11	20	23	24	53	24	45	24	40																
11	21	23	30	64	30	45	32	28	32	14														
11	23	23	34	35	34	21	34	11	34	06	34	16												
11	24	05	34	54	33	44																		
11	24	17	29	15	29	12																		
11	24	23	32	23	31	30	33	21	32	16	01	14												
11	25	23	32	37	31	27	32	22	34	26														
11	26	23	33	40	33	33	33	23																
11	27	23	28	56	27	52	28	18	29	22														
11	28	23	33	26	30	29	32	23	30	18														
11	29	23	31	26	31	28	31	17	31	1	31	18												
11	30	23	24	24	26	15	29	13																
12	01	23	21	34	22	21	22	13	28	09														
12	06	11	24	18	23	09	29	04																
12	07	17	31	25	32	23	31	17	30	14	33	15												
12	07	23	30	23	30	26	31	21	31	22														
12	08	05	30	26	29	29	33	23	28	48	29	13												
12	08	11	29	37	29	27	31	19	27	24														
12	09	05	25	25	26	21																		
12	09	23	26	56	25	32	26	31	25	15														
12	23	23	28	29	28	27	28	25																
12	24	23	27	55	27	36	27	27	28	42														
12	25	23	26	32	27	37	30	28																
12	31	23	28	49	27	40																		

Results of Upper Wind Observations,
MAWSON 1960

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	12	15	39	13	57	10	37	10	43														
1	01	23	15	35	13	79	11	52	09	30														
1	02	12	15	21	14	30	11	22	10	17	17	12	13	28	14	17								
1	02	23	17	23	14	32	09	16	07	14	16	08	15	25	22	10	24	08	27	12	25	20	23	25
1	03	12	15	21	13	32	10	20	11	09	18	15	13	12	20	14	19	09	24	11	21	22	21	23
1	03	23	15	17	11	28																		
1	04	12	14	23	12	40	09	26																
1	04	23	30	02	34	04	10	11	11	09														
1	05	12	00	00	20	02	17	04	14	09	12	08	24	06	23	02	22	16	21	35	21	41	23	31
1	05	23	17	22	13	26	05	06	14	03	16	16	27	06	20	11	24	19	24	25	24	23	25	23
1	06	12	08	03	06	06	10	15	10	10	08	10												
1	06	23	26	01	19	02	11	10	10	12	13	11	14	08	14	05	20	10	20	09	17	04	23	18
1	07	12	29	01	27	03	07	03	15	10	14	10	22	09	23	11	23	21	24	21	24	32	23	44
1	07	23	18	21	15	08	19	02	25	06	20	05	25	10	24	20	24	25	26	25	30	27	26	31
1	08	12	33	01	28	02	26	07	23	14	23	21	25	22	25	29	27	40	27	50	26	72	27	73
1	08	23	18	28	15	13	22	03	19	12	22	31	24	27	25	36	25	54	26	66	26	72	26	60
1	09	12	27	01	03	03	10	08	13	09	25	07	25	17	27	20	27	29	27	45	27	55	27	56
1	09	23	17	24	11	17	10	16	11	10														
1	10	12																						
1	10	23	13	13	11	19	08	21																
1	11	12	27	01	21	03	10	10	12	15														
1	11	23	15	20	12	19	08	08	14	08	10	11	17	04										
1	12	12	22	04	22	04	12	04	14	10	23	09	22	10	23	14	24	25	24	26	25	32	25	26
1	12	23	15	13	13	14	20	04	20	07	22	06	23	12	25	15	27	27	26	45	25	54	27	46
1	13	12	27	02	08	06	10	20	10	15	07	11	06	06	35	06	34	13	32	14	31	20	31	27
1	13	23	12	25	10	29	10	27	10	18	11	14												
1	14	12	08	12	09	16	10	28																
1	14	23	12	23	10	31	08	27	10	21	12	13												
1	15	12	09	20	10	25	10	26	09	14	13	15	06	04	04	03	12	11	12	16	11	17	12	12
1	15	23	13	20	10	26	08	19																
1	16	12	06	04	09	11	11	25																
1	16	23	14	19	08	06	13	08	12	03														
1	17	12	25	02	25	03	11	10	19	03	33	01	29	18	26	11	27	09	28	17	27	17	27	09
1	17	23	14	16	12	12	15	02	11	05	24	04	28	13	26	12	26	14	26	15	27	16	26	13
1	18	12	27	01	26	01	10	09	13	05	15	02	25	12	27	16	27	19	25	21	26	22	27	18
1	18	23	13	19	10	25	08	12																
1	19	12	09	10	10	15	10	17																
1	19	23	14	30	13	43	10	14	12	10														
1	20	12	12	14	11	18	09	11	15	08														
1	20	23	16	18	14	09	24	06	26	10	20	07	25	07	26	13	24	14	24	18	24	21	22	34
1	21	12	12	01	11	02	10	01	24	07	27	07	29	10	26	21	25	40	24	61	24	73	24	52
1	21	23	15	14	14	21	02	01	08	02	25	05	25	10	24	18	25	40	25	56	25	70	24	37
1	22	12	08	07	08	10	11	08	21	03	26	02	25	13	24	24	24	37	25	55	25	63	24	46
1	22	23	16	19	13	20	16	05	14	03	16	09	20	11	24	24	23	46	24	83	23	88	24	56
1	23	12	09	19	09	27	09	29	08	14	09	17	04	09										
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1	24	12	12	21	11	29	09	35	10	38														
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1	27	12	29	02	29	01	23	04	28	27	27	18	28	27	28	23	28	29	29	26	28	31		
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1	28	12																						
1	28	23	14	05	10	01	15	04	30	12														
1	29	10	10	14	10	11																		
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1	30	12																						
1	30	23																						
1	31	12																						
1	31	23																						
2	01	12	26	01	26	04	10	25	10	23	11	27												
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2	02	12	11	11	06	04	12	14	12	25	15	24	07	03	14	11	14	08	18	13	20	13	19	05
2	02	23	16	26	14	56	11	22	18	04	13	07	16	32	16	28	16	31	21	27	23	49	20	22
2	03	12	12	17	11	24	09	13	10	08	12	15	13	17	23	19	25	23	27	37				
2	03	23	14	19	13	23	11	20	11	04	11	14	09	20	04	17	03	29	02	36	02	46	02	18
2	04	12	10	08	09	17	09	25																
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2	09	12	14	27																				
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2	10	12	24	01	24	03	35	04	09	06	12	12	26	05	27	14	26	31	27	58	27	65		
2	10	23	17	03	35	01	09	06	13	05	16	01	19	06	26	19								

Results of Upper Wind Observations,
MAWSON 1960

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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2	16	12	07	02	07	07	10	13	09	18														
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2	23	23	14	32																				
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2	25	23	13	16																				
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2	26	12	14	02																				
2	26	18	16	22																				
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2	27	23	13	50																				
2	28	06	13	60																				
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2	28	18	14	36																				
2	28	23	16	25																				
2	29	06	12	06	18	15	15	08	19	10	22	07												
2	29	12	18	16	14	17	16	07	25	08	28	14	27	12	25	15	20	15	21	10	22	15		
2	29	18	13	30	11	40	04	07																
2	29	23	14	25	14	39																		
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3	01	12	13	17	13	07	18	03																
3	01	18	13	23	14	40																		
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3	02	23	13	26	12	33																		
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3	03	18	15	20	15	14	20	02	11	08														
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3	04	23	14	15	14	13	36	05																
3	05	06	14	17	15	04	06	07																
3	05	12	12	10	11	10	05	03																
3	05	18	14	12	11	12	17	07	25	12	25	13												
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3	06	06	14	05	19	04	29	13	26	29	27	28												
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3	06	18	14	32																				
3	06	23	14	36																				
3	07	06	14	38																				
3	07	12	12	35																				
3	07	18	12	42																				
3	07	23	12	35																				
3	08	06	12	25																				
3	08	12	12	25																				
3	08	18	12	26																				
3	08	23	14	19	14	17	08	03	19	06														
3	09	06	13	12	08	03	25	02	28	07														
3	09	12	09	02	22	03	27	06																
3	09	18	12	20																				
3	09	23	14	14	15	15	06	05																
3	10	06	14	19	17	06	30	04																
3	10	12	13	22	13	07	31	04																
3	10	18	14	13																				
3	10	23	14	14	15	10	27	02																

Results of Upper Wind Observations,
MAWSON 1960

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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3	11	12	12	15	08	04	19	06	20	06	22	15	24	17	25	27	25	27						
3	11	18	15	08	27	01	30	06	31	12														
3	11	23	14	16	14	14																		
3	12	06	13	05	20	10	26	05	27	19	25	21	24	31	25	36	26	37						
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3	12	18	15	14	14	03	15	02	20	13														
3	12	23	14	18	15	07	21	03	23	05	25	16												
3	13	06	12	18	12	19	09	08	17	12	26	21	25	21	25	43	26	61						
3	13	12	10	11	09	17	10	18	11	27														
3	13	18	12	23	08	20	10	21	10	14														
3	13	23	12	18	11	29	07	25																
3	14	06	14	08	23	08	24	08																
3	14	12	25	14	27	19	28	23	28	22	26	23	26	17	25	20	25	32	25	33	26	38	26	41
3	14	18	15	19	19	04	23	07	26	16														
3	14	23	14	25	15	21	14	17																
3	15	06	14	10	16	07	23	07	19	11	25	18	26	18	24	25	25	32	25	33				
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3	15	18	14	33																				
3	15	23	14	28	14	23																		
3	16	06	12	17	14	10	23	04	25	14	26	24	26	30										
3	16	12	10	05	11	04	14	05	20	06	25	14	25	29										
3	16	18	14	27																				
3	16	23	14	25																				
3	17	06	12	20	12	17	10	04	34	05	27	09	29	17	28	39	27	43	26	56	25	58		
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3	17	18	14	31																				
3	17	23	15	36																				
3	18	06	14	24																				
3	18	12	04	12	07	17	13	06	23	03	30	08												
3	18	18	12	15	10	04	14	02	31	08														
3	18	23	12	17	10	10	14	10	30	10														
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3	21	12	09	18	09	17	11	09																
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3	22	06	12	25																				
3	22	12	12	02	14	05	27	03																
3	22	18	14	05																				
3	22	23	15	26																				
3	23	06	15	20	08	01	29	08																
3	23	12	14	28	12	20	08	08	18	15	20	21	21	25	22	31	23	53						
3	23	18	22	06	19	15																		
3	23	23	16	12	21	13	15	06	10	08														
3	24	06	16	25	19	30	21	49																
3	24	12	15	28	14	25																		
3	24	18	15	43																				
3	24	23	05	02	05	05																		
3	25	06	12	27	14	29	16	11	19	14	15	30												
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3	25	18	14	07	26	04	35	11																
3	25	23	14	10	19	06	18	03	14	03	22	06												
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3	26	12	03	11	09	12																		
3	26	18	16	09	25	05																		
3	26	23	14	05	21	09	25	06	27	07	23	18	24	27										
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3	27	12	04	09			18	09	16	14	20	12	23	38	23	37								
3	27	18	14	08	33	03	13	05																
3	27	23	10	22																				
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3	28	18	12	25	10	24																		
3	28	23	14	22	12	30	10	27																
3	29	06	12	32	12	41	08	12	16	03	26	11												
3	29	12	12	39																				
3	29	18	13	35																				
3	29	23	14	38																				
3	30	06	14	23	12	19	12	06																
3	30	12	14	17	13	13																		
3	30	18	12	18																				
3	30	23	13	19	12	20	12	20																
3	31	06	14	23																				
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3	31	23	12	22	12	25	10	19	11	20	12	20												

Results of Upper Wind Observations,
MAWSON 1960

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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4	01	18	11	32																				
4	01	23	12	27	13	30																		
4	02	06	12	30																				
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4	02	23	12	21	11	15	02	04	14	09														
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4	03	18	12	19	11	16																		
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4	04	23	13	20																				
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4	09	06	12	35																				
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4	20	23	13	30																				
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4	21	18	13	23	13	21	12	07																
4	21	23	13	18	11	14	11	05	13	07														

Results of Upper Wind Observations,
MAWSON 1960

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
4	22	06	14	20	14	11	12	07	18	02														
4	22	12	13	22	12	13	07	03	30	03														
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4	23	06	12	23	12	18	06	03	11	06														
4	23	12	12	25	17	04																		
4	23	18	12	25																				
4	23	23	13	16	13	09	13	03																
4	24	06	12	22	13	23	15	03	15	08	12	07	25	21	25	30								
4	24	12	14	25	14	15																		
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4	24	23	12	16	12	14																		
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4	25	18	14	06	10	09																		
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4	27	06	7	09																				
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4	27	18	00	00	09	10	10	18																
4	27	23	11	10																				
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4	29	12	11	35																				
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4	30	12	11	15	11	18																		
4	30	18	09	08	08	11																		
4	30	23	10	22	10	54	08	43																
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5	02	12	00	00																				
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5	04	23	13	17			11	02																
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5	07	12	11	43																				
5	07	18	12	43																				
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5	11	06	13	30																				
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5	11	23	00	00	21	04																		
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5	12	12	18	14	21	16																		
5	12	18	07	07	10	16	14	14	11	20	14	20												
5	12	23	00	00	14	02																		

Results of Upper Wind Observations,
MAWSON 1960

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	13	12	13	36																				
5	13	18	14	31																				
5	13	23	00	00	06	05																		
5	14	06	00	00	20	01																		
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5	14	18	13	18	18	04	24	09	19	08														
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5	15	12	00	00	10	04	09	06																
5	15	18	00	00	13	05	17	04	23	12	24	14												
5	15	23	10	05	11	05	12	09	16	20														
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5	16	18	10	19	15	27	18	16																
5	16	23	11	17	12	19	09	15	12	27														
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5	22	06	00	00	07	05	11	18																
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5	25	12	13	19	11	26	07	15	10	15														
5	25	18	13	26	10	25	09	20																
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5	26	23	13	38																				
5	27	06	13	40	11	16																		
5	27	12	13	28			07	11	14	07	10	04												
5	27	18	15	28																				
5	27	23	14	14	12	15	05	03	13	08	29	11												
5	28	06	12	28	13	22																		
5	28	12	13	18	13	17	11	16	14	11	12	06	28	03										
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5	28	23	14	16	10	18	07	06	12	16														
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5	30	12	13	22	08	08	09	11																
5	30	18	14	17	12	12	09	12																
5	30	23	14	18	12	20	08	01	18	05	19	01												
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6	01	23	15	18	14	15																		
6	02	06	00	00	00	00	14	03	25	05	23	10												
6	02	12	14	04	12	02	21	02																
6	02	18	16	02	19	03	16	03	24	12	25	19												
6	02	23	13	10	12	24	10	13	05	06														

Results of Upper Wind Observations,
MAWSON 1960

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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6	03	12	00	00	08	06	09	10																
6	03	18	13	22	12	30	12	01	24	10	27	15												
6	03	23	13	36																				
6	04	06	13	30	14	42	09	13	18	15	24	07	27	10										
6	04	12	13	31	10	16	08	05																
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6	05	18	12	60																				
6	05	23	14	51																				
6	06	06	16	40																				
6	06	12	13	31	14	20	26	02																
6	06	18	12	14	11	06	21	05	12	08														
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6	07	12	13	18	03	01	09	01	18	01														
6	07	18	13	13	03	02	26	04	25	09														
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6	08	23	14	28	14	34	11	17	12	17	19	12												
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6	11	06	14	35																				
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6	11	18	17	07	23	05	17	06	13	14														
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6	12	23	25	05	22	14	17	09																
6	13	06	09	05																				
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6	13	18	12	18	08	12	11	05																
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6	18	23	13	38	14	07	09	09	09	06														
6	19	06	13	27																				
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6	21	18	18	05			17	02	18	09	23	04												
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6	22	12	14	23	11	05	12	03																
6	22	18	16	15	11	07																		
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6	23	06	14	20																				
6	23	12	00	00	07	05	07	08																
6	23	18	18	05	03	03	16	08	14	14	24	03	05	03										
6	23	23	13	21	13	11	09	14																
6	24	06	12	23																				
6	24	12	12	23	06	07	08	07	11	08	36	05												
6	24	18	12	17	10	07	10	17																
6	24	23	09	12	09	12	10	19																

Results of Upper Wind Observations,
MAWSON 1960

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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6	25	12	00	00																				
6	25	18	00	00	00	00	10	04	12	07														
6	25	23	00	00	07	06	09	08	10	10														
6	26	06	00	00																				
6	26	12	00	00	12	05	09	11																
6	26	18	15	06	05	03	09	18	14	14														
6	26	23	15	30																				
6	27	06	14	34																				
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6	27	23	14	25	13	22	13	08																
6	28	06	14	26	11	19																		
6	28	12	15	28																				
6	28	18	15	25																				
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6	29	12	00	00	01	03	10	11																
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6	30	23	00	00																				
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7	01	23	14	05	14	05	26	07	25	18	22	21	24	38										
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7	04	06	20	05																				
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7	04	23	11	23																				
7	05	06	00	00																				
7	05	12	00	00																				
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7	06	12	00	00	08	02	12	08	14	12														
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7	06	23	00	00	07	02	10	12	35	04														
7	07	06	12	37																				
7	07	12	10	33																				
7	07	18	07	08																				
7	07	23	22	04	25	09	14	04																
7	08	06	00	00	00	00																		
7	08	12	00	00	10	03	20	05	12	10														
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7	15	23	12	18	10	20	10	19	10	16	13	19	21	14	20	10								

Results of Upper Wind Observations,
MAWSON 1960

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
7	16	06	13	30	09	17	09	14																
7	16	12	13	20	13	20	13	05	13	15														
7	16	18																						
7	16	23	15	28	12	11																		
7	17	06	15	20	10	20																		
7	17	12	12	23	11	20	10	06	12	12														
7	17	18																						
7	17	23	16	23	11	13	10	03	19	08														
7	18	06	17	12	19	06	14	01	20	05	19	10	21	14										
7	18	12	00	00	16	02	16	03																
7	18	18																						
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7	19	12	13	18	10	09	08	09	01	06	30	15												
7	19	18																						
7	19	23	12	31	11	30	06	17																
7	20	06	11	36																				
7	20	12	04	18																				
7	20	18																						
7	20	23	00	00	09	07	09	21																
7	21	06	11	20	10	19																		
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7	21	18																						
7	21	23	14	24	13	27																		
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7	22	18																						
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7	23	06	31	06																				
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7	24	18																						
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7	26	12	00	00			10	12	30	07														
7	26	18																						
7	26	23	13	36																				
7	27	06	12	47																				
7	27	12	13	45																				
7	27	18																						
7	27	23	13	31	14	63	12	63	11	24	24	04												
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7	28	18																						
7	28	23	13	37																				
7	29	06	13	47																				
7	29	12	15	43																				
7	29	18																						
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7	31	23	13	41			09	36	08	38	08	22												
8	01	06	12	48																				
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8	01	23	12	52																				
8	02	06	12	35																				
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8	07	12	12	26	11	13																		
8	07	23	13	24	11	23	12	08	15	12	14	06												

Results of Upper Wind Observations,
MAWSON 1960

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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8	08	12	13	17	12	20	05	06	13	09	18	05	21	05	27	05	31	05						
8	08	23	27	05	35	03	13	15	12	20	13	05	26	02	34	01	28	05						
8	09	06	0	00			09	16	11	27	09	06	08	09	08	07	25	04						
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8	09	23	07	06	07	11	10	08	10	19	09	15	05	12	01	18	34	21						
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8	10	12	00	00	00	00	10	16																
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8	12	12	13	26	12	25	10	07	10	08	11	28	09	20										
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8	19	12	13	22	13	02	10	01																
8	19	23	14	19	13	23	23	09	21	05	26	22												
8	20	06	00	00			02	05	27	11	26	20	27	32	27	43								
8	20	12	13	14	18	07	21	06	27	17	27	29	26	37										
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8	21	06	00	00																				
8	21	12	00	00																				
8	21	23	14	36																				
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8	22	23	14	52																				
8	23	06	12	48																				
8	23	12	13	50																				
8	23	23	13	45																				
8	24	06	13	42																				
8	24	12	13	37																				
8	24	23	14	18	10	11	08	06	04	04	15	13												
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8	31	12	11	24	12	23	12	23	13	22	15	25	12	24	14	19	14	15	09	09				
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9	03	23	12	47																				
9	04	06	12	43																				
9	04	12	14	40																				
9	04	23	14	33	14	36	11	14																

Results of Upper Wind Observations, MAWSON 1960

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	05	23	13	34	13	46	10	21	08	09	05	06	32	10										
9	06	06	13	30	13	24	02	01	11	11	09	06	05	03	31	10								
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9	07	06	14	16	10	07	07	02	34	06	30	23	28	27										
9	07	12	12	20	10	11	12	04	29	11	28	16	27	22	26	30	25	33						
9	07	23	15	23	17	24	26	11	19	26	24	33	24	42	25	53								
9	08	06	00	00	27	03			27	10	27	23												
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9	09	23	11	35																				
9	10	06	12	42																				
9	10	12	11	32																				
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9	11	06	00	00	00	00	26	05	27	09	28	13												
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9	11	23	16	34																				
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0	01	23	15	29	13	28	08	11	08	10														
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0	02	12	12	10	10	10	09	14	13	21	20	04												
0	02	23	15	23	11	06	12	05	12	12	18	08	21	10	25	18								

Results of Upper Wind Observations,
MAWSON 1960

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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0	31	06	09	25																				
0	31	12	11	34																				
0	31	23	13	23	14	36																		

Results of Upper Wind Observations,
MAWSON 1960

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	
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Results of Upper Wind Observations,
MAWSON 1960

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	
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12	23	06	11	23	11	25	09	17																
12	23	12	04	08	06	10	10	18	11	25	12	16	09	18	07	21	07	28	07	35	06	26		
12	23	23	12	22	10	24	10	15	11	13	12	20	10	21	08	18	08	20	08	29	07	22	01	05
12	24	06	09	12	09	17	10	16	10	18	12	19	10	18	08	14	08	22	08	27	07	19	02	06
12	24	12	00	00	00	00	10	10	11	19	12	15	11	06	10	07	08	15	07	22	10	18	36	06
12	24	23	13	25	12	32	10	21	12	15	12	24	17	13	15	08	14	15	10	17	07	14		
12	25	06	13	24	12	29	10	14	09	17	11	14	11	20	16	15	17	12	13	22	10	24	08	20
12	25	12	00	00	00	00	09	11	11	13	09	13	11	10	24	14			13	24	13	18	11	13
12	25	23	13	20	11	13	08	08	09	10														
12	26	06	12	13	09	10	08	08	09	09	07	06												
12	26	12	00	00	04	07	09	15	11	14	09	18	03	11	05	13	01	07	28	13	27	26	28	34
12	26	23	12	34	12	43	10	41	09	32	10	28	08	27	07	17	05	05	24	11	26	24	29	18
12	27	06	09	20	09	18	10	32	10	50	09	35	09	30	08	37	09	04	10	17	09	36	09	61
12	27	12	06	20	08	19	11	29	10	35	10	31	07	24										
12	27	23	11	31	11	45	10	42	08	33														
12	28	06	12	39																				
12	28	12	11	45																				
12	28	23	12	45																				

Results of Upper Wind Observations,
MAWSON 1960

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
12	29	06	11	53																				
12	29	12	11	38	12	28	11	39	10	40														
12	29	23	13	48	13	50	10	35																
12	30	06	13	44	13	59	10	40	07	22														
12	30	12	12	32	13	46	10	34	09	29	09	14												
12	30	23	13	31	13	50	10	25	11	25	17	08	06	08	12	13	05	06	02	11	02	12	03	14
12	31	06	13	21	12	31	09	32	10	28	11	25	12	23	12	15	11	06						
12	31	12	09	11	10	17	11	23	11	22	12	24	10	17	09	12	08	06	04	09				
12	31	23	12	24	12	30	09	27	11	24	13	17	12	21	11	18	14	11	17	08	27	04	08	05

Results of Upper Wind Observations,
MAWSON 1960

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
1	02	23	23	23	23	14	21	13	24	06	17	06												
1	03	12	21	24	21	18	23	11	24	13	24	03												
1	05	12	25	23	24	20	26	14	22	12	26	15												
1	05	23	26	21	27	21	27	19	27	13	28	20												
1	06	23	25	23	26	20	26	20	27	16	27	11												
1	07	12	24	43	24	38	23	34	25	28	26	22												
1	07	23	26	26	25	28	25	26	26	18	25	13												
1	08	12	27	55	26	48	26	36	26	36	25	25												
1	09	12	28	35	28	21	27	24																
1	12	12	26	39	27	20	27	22																
1	12	23	27	38	28	30	27	26	27	19	27	08												
1	13	12	31	43	30	34	30	30	29	24														
1	15	12	35	04	34	04	30	07	24	12	04	09												
1	17	12	26	05	27	03	25	02	13	01														
1	17	23	22	08	24	08	23	05	25	04	17	02												
1	18	12	26	14	26	13	25	07	24	10	22	04												
1	20	23	22	31	22	27	22	12	24	10	23	09												
1	21	12	24	38	23	28	24	17	24	15														
1	21	23	24	32	24	28	23	21	23	21	22	17												
1	22	12	24	39	24	34	24	26	23	23	22	18												
1	22	23	23	45	24	34	23	28	23	22														
1	25	12	28	43	27	36	28	33	28	28														
1	27	03	28	29	27	21	27	20	27	24														
2	02	12	23	09	17	04	26	04	23	04	20	08												
2	02	23	14	08	20	06	14	02	14	03	20	04												
2	03	23	04	10	01	10	05	01	35	05	26	05												
2	04	23	07	16	04	05	34	04	36	04	14	07												
2	05	12	07	15	12	06	26	06	21	05	25	07												
2	05	23	12	13	17	09	18	06	23	07	20	05												
2	06	23	16	16	21	17	19	14	23	09	19	06												
2	07	12	21	12	22	17	24	13	23	12	24	11												
2	07	23	23	16																				
2	08	12	26	32	23	26	27	22	25	16	24	11												
2	15	12	23	09																				
2	15	23	24	05	25	07	22	05	24	07	26	07												
2	17	23	23	10																				
2	18	12	27	36																				
2	19	12	28	27	27	32	27	33	27	35														
2	20	12	27	23	27	31	29	29																
2	22	23	25	42	25	40	25	32	27	36	28	30												
3	14	12	26	53																				
3	20	12	24	36																				
4	14	12	30	16																				
4	17	06	26	47	26	47	26	46	26	49	25	42												
9	11	12	26	63	27	57	25	76																
9	20	12	28	17																				
9	21	06	26	17																				
9	21	12	28	24																				
9	22	23	23	16	24	30																		
9	24	06	22	42	23	44																		
9	30	23	24	45	25	43	25	67																
0	05	12	26	15	28	17	26	27	28	37														
0	06	12	26	15	26	19	27	25	27	49	27	59												
0	06	23	28	19	27	25	28	48	28	69	28	86												
0	07	06	29	17	28	25	28	35																
0	07	12	27	16	29	22																		
0	07	23	29	21																				
0	08	23	25	45	25	48	27	60	26	62	26	60												
0	12	23	25	44	25	61	26	70	75	12														
0	13	06	15	09																				
0	13	12	26	37	26	45	21	71																
0	15	23	31	15																				
0	17	12	34	05																				
0	17	23	21	05	25	13	25	21	26	26	28	24												
0	18	06	07	04	21	07	23	18	24	17														
0	18	12	23	12	23	19	23	21	24	27	26	30												
0	18	23	25	43	25	39	26	49	25	47														
0	19	06	26	59																				
0	23	23	27	41	27	38	28	47	27	65														
0	24	12	27	35																				
0	24	23	28	25	29	33	28	43	29	58														
0	25	23	25	30	26	35	28	43	28	50	28	59												
0	26	12	26	48	25	51	27	40	28	48	27	55												

Results of Upper Wind Observations,
MAWSON 1960

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	01	12	35	07	34	14	35	16	35	21	34	33												
11	01	23	35	23	35	25	35	19	34	31														
11	02	12	35	28	36	27	35	26	34	32														
11	02	23	34	24	35	23																		
11	07	06	24	26																				
11	07	23	28	33	29	40	30	53																
11	08	06	22	24	22	21																		
11	08	23	30	19	29	20	30	29																
11	09	06	29	19	30	23	30	34	31	27	31	39												
11	09	12	28	18	28	22	29	30	29	34	29	35												
11	09	23	28	36	28	34	29	45	29	49	30	50												
11	14	12	27	39	28	49																		
11	14	23	29	56	29	75	29	82	29	87	29	97												
11	15	23	31	24	31	36	31	47	32	47	33	55												
11	16	12	32	24	31	26	32	43																
11	18	23	23	10	25	12	28	12	31	17	32	26												
11	19	12	25	15	26	16	26	15	29	18	31	20												
11	19	23	28	10	27	18	29	22	30	21	31	20												
11	20	06	28	08	29	13	00	00																
11	20	12	30	18	31	11	31	16																
11	20	23	29	11	29	15	29	16	29	21	30	20												
11	22	12	25	20																				
11	22	23	29	12	27	17	28	18	29	17														
11	23	06	31	10																				
11	23	12	30	10	27	17	29	14	28	20														
11	24	23	31	18																				
11	25	06	33	14	32	17																		
11	26	06	02	19	36	20	35	21	34	18														
11	29	06	21	30	22	26	24	13	20	15														
11	30	06	20	47	19	68	19	73																
12	03	12	22	38	20	24	14	13	14	15	10	13												
12	04	06	24	33																				
12	04	12	26	30	27	19	26	22																
12	05	23	03	15	03	07	01	09	05	05	05	13												
12	06	06	05	16	06	06	18	01	04	07														
12	06	12	04	12	36	04	04	03	35	06	07	05												
12	06	23	27	06	27	11	27	11	27	03	27	01												
12	07	12	31	20	30	16	29	13	29	13	29	03												
12	16	23	14	13	14	15	14	12	13	11	13	07												
12	17	12	15	15	14	15	16	17	15	25														
12	17	23	11	23																				
12	23	23	34	12	33	14	31	09	02	10	36	05												
12	24	06	33	06	34	11	32	05	36	09														
12	24	12	33	11	27	05	23	06	35	06	34	04												
12	25	06	12	08																				
12	25	12	11	13	11	27																		
12	26	12	29	29	28	27	30	24	29	17	28	15												
12	26	23	31	10	27	10	28	08	31	02														
12	27	06	09	49																				
12	30	23	36	03	06	02	02	06																
12	31	23	10	10	09	08	05	08	08	09	07	07												

Results of Upper Wind Observations,
WILKES 1960

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	12	30	03	21	04	15	08	18	07	17	09	21	11	24	28	25	43	27	42	26	34	26	41
1	01	23	05	06	04	08	16	04	20	02	25	06	27	14	26	32	27	37	27	45	27	35	27	27
1	02	11	03	13	04	18	01	07	04	07	36	06	31	15	29	27	28	28	30	29	31	34	30	30
1	02	23	09	20	07	30	05	18	08	12	08	10	06	18	03	21	04	29	03	32	03	29	01	22
1	03	11	09	20	09	28	06	20	05	15	07	10	10	22	07	29	07	21	06	26	07	27	03	12
1	04	01	03	12	05	17	04	27	04	27	05	23	10	22	07	22	09	19	07	15	06	18	01	06
1	04	12	9	01	10	17	07	12	10	29	11	23	12	21	11	17	11	23	11	32	10	13	35	02
1	05	01	12	24	11	35	09	23	09	18	09	13	10	12	11	27	12	60	11	33	11	21	07	08
1	05	12	19	04	18	08	12	21	10	25	11	27	11	23	12	32	09	17	08	23	08	21	07	08
1	06	01	14	10	13	23	11	32	08	35	08	23	13	19	11	32	09	14	10	18	10	16	04	06
1	06	11	00	00	26	04	09	07	06	11	09	11	09	16	11	11	10	24	12	17	14	09	02	05
1	07	01	16	10	13	09	06	15	06	15	07	10	13	16	11	30	08	18	08	17	07	15	36	10
1	07	12	07	28	07	51	06	46	05	34	06	25	07	19	08	21	04	10	07	20	04	14	02	14
1	08	01	27	02	12	03	05	14	07	09	10	08	10	15	10	09	07	13	05	18	05	22	04	16
1	08	12	00	00	14	03	07	10	09	11	10	12	10	09	08	14	06	17	05	21	06	17	05	16
1	09	01	04	02	02	11	02	11	11	11	11	16	08	11	03	20	04	32	08	18	07	18	05	16
1	09	11	36	01	14	04	13	05	11	12	12	12	11	12	08	15	06	29	02	36	01	45	01	23
1	09	23	17	04											08	23	02	28	02	32	01	47	01	27
1	10	12	00	00	25	06	25	08	20	05	08	06	09	11	07	11	05	20	02	16	02	34	36	18
1	10	23	17	03	15	03	14	02	26	06	07	06	09	08	07	17	04	14	01	16	02	24	35	22
1	11	12	01	04	05	02	11	02	27	04	10	04	04	02	06	20	02	21	35	20	36	24	34	12
1	11	23	02	10	05	09	05	06	04	03	25	05	02	02	05	10	03	21	02	24	02	23	31	12
1	12	12	02	08	03	10	36	04	30	04	27	04	29	06	29	14	28	16	30	17	31	15	29	19
1	12	23	34	05	34	04	05	03	30	06	28	16	28	13	27	16	28	18	27	21	28	24	29	21
1	13	11	01	08	35	05	28	10	28	15	27	14	26	16	27	24	29	22	30	24	30	28	29	22
1	13	23	02	07	36	07	30	10	29	12	29	17	29	17	29	26	28	31	28	34	26	32	27	30
1	14	12	34	11	33	13	29	16	29	19	29	18	27	25	26	33	25	44	25	54	25	56	25	44
1	14	23	32	07	30	06	30	10	29	14	28	20	27	27	26	25	25	32	26	25	25	30	25	48
1	15	12	29	02	21	01	17	06	17	11	23	14	25	19	25	41	25	69	25	85	25	78	26	64
1	15	23	36	06	05	09	06	31	06	14	10	21	35	09	31	18	32	06	34	10	29	31	28	42
1	16	11	25	08	23	06	11	06	12	08	14	16	16	15	21	17	21	17	19	23	25	21	27	32
1	16	23	07	10	03	11	28	02	26	06	24	08	28	07	25	16	26	17	28	16	26	40	27	35
1	17	12	04	14	04	21	03	15	04	10	04	10	35	10	29	12	28	23	30	34	30	38	29	30
1	17	23	08	16	07	28	04	20	12	10	09	11	05	11	04	12	04	16	03	21	36	19	32	16
1	18	12	09	16	08	20	06	18	10	14	11	15	28	03	25	06	32	07	32	20	32	16	31	14
1	19	02	15	04	15	05	14	05	13	06	12	06	12	12	17	07	23	02	30	11	30	10	30	09
1	19	12	02	06	01	08	01	08	04	05	04	04	12	05	20	06	24	04	28	12	28	09	27	10
1	19	23	10	07	07	10	06	08	09	04	08	05	03	04	24	04	22	07	27	11	27	10	25	09
1	20	11	00	00	14	06	14	06	09	09	08	07	15	03	21	05	23	10	23	13	24	15	25	11
1	20	23	02	08	02	05	19	05	14	04	12	11	14	09	21	04	23	11	24	18	25	17	26	11
1	21	11	19	04	16	06	10	07	10	07	11	15	13	07	02	02	27	08	27	10	28	15	29	14
1	21	23	23	12	21	01	08	18	07	11	08	14	05	16	03	14	36	13	35	15	33	18	34	12
1	22	12	09	20	08	29	06	24	06	27	06	17	11	17	06	25	01	18	33	26	33	29	35	16
1	22	23	10	26	10	65	09	40	10	25	11	20	11	12	09	24	09	27	09	19	07	28	04	18
1	23	11	09	26	09	78	06	43	05	31	08	25	11	21	10	29	07	40	04	54	05	38	05	24
1	23	23	10	45	07	53	04	52	03	37	03	30	04	35	05	47	04	65	03	72	04	67	04	44
1	24	11	09	33	07	55	05	45	06	44	06	37	06	32	07	38	05	39	05	56	03	45	02	42
1	25	01	14	13	13	21	11	25	08	34	08	39	08	34	10	35	10	30	09	28	09	37	11	39
1	25	12	29	10	04	03	09	04	08	07	07	20	11	19	08	23	09	26	11	45	12	43	13	41
1	26	01	17	08	20	13	18	12	17	04	11	07	14	15	14	25	12	21	11	20	11	24	12	25
1	26	13	02	08	01	07	30	07	19	07	12	17	11	08	13	20	18	05	15	04	15	11	17	16
1	27	01	01	02	04	04	11	05	07	06	03	11	05	07	08	07	03	08	30	05	03	07	07	03
1	27	11	14	04	12	11	09	19	08	22	09	26	10	12	08	22	09	15	06	18	06	13		
1	28	01	14	12	10	19	06	26	05	28	05	26	09	22	06	26	06	26	08	42	07	33	12	12
1	28	12	00	00	03	03	04	09	12	08	13	13	09	21	08	13	07	14	06	17	06	17	14	07
1	29	02	33	04	03	06	24	06	14	05	14	06	11	20	10	32	12	22	12	25	13	21	17	16
1	29	12	21	04	23	06	22	05	12	08	13	11	10	18	11	18	11	19	14	17	15	14	18	17
1	30	01	02	05	04	01	07	03	14	05	15	17	17	08	22	06	18	08	22	07	20	08	17	16
1	30	11	02	10	05	13	04	15	10	08	14	04	21	04	23	06	24	12	26	08	21	07	20	17
1	30	23	08	12	06	15	05	15	10	14	07	10	05	03	31	07	33	18	33	09	27	08	22	14
1	31	11	02	06	05	07	07	14	09	14	06	21	05	20	05	17	03	22	02	31	33	09	25	13
1	31	23	00	00	10	03	09	13	10	16	11	18	14	15	10	21	09	31	08	35	12	12	22	12
2	01	14	07	06	06	05	06	04	12	11	11	10	11	16	10	14	12	13	11	10	17	07	23	10
2	01	23	04	08	01	06	34	05	09	06	10	06	07	09	05	19	04	33	04	38	02	18	32	13
2	02	12	02	04	08	06	07	17	08	20	09	17	12	11	08	09	19	12	22	19	22	17	04	08
2	03	01	16	08	12	13	07	19	08	29	08	43	09	23	10	38	09	39	13	20	12	27	11	21
2	03	11	29	07	08	04	09	19	07	16	09	17	11	23	10	45	10	53	09	66	07	70	11	26
2	04	01	03	06	04	07	02	03	13	07	10	14	10	25	11	35	11	48	12	49	12	47	12	22
2	04	12	25	02	15	02	02	07	35	06	01	02	11	16	13	15	14	15	17	06	20	05	19	10
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2	05	12	14	08	12	10	08	21	06	19	06	18	10	14	06	27	10	19	10	27	08	10	04	13
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Results of Upper Wind Observations,
WILKES 1960

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	
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Results of Upper Wind Observations,
WILKES 1960

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	
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4	26	23	04	03	04	14	02	08	03	11	01	09	01	12	28	11	29	17	30	18	28	19	27	17
4	27	12	18	04	14	04	05	23	05	17	07	14	04	12	08	05	33	09	29	15	26	20	25	25
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4	28	23	05	05	04	11	02	12	29	02	27	04	26	13	24	31	24	63	24	73	24	77	23	56
4	29	12	00	00	17	05	23	09	23	10	23	23	25	34	25	45	24	72	25	150	25	57	25	75
4	29	23	00	00	00	00	22	13	24	16	23	23	24	35	25	55	25	71	25	91	24	111	25	36
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5	03	23	00	00	05	10	06	08	15	11	26	09	26	16	26	25	27	49	27	85	27	83	28	52
5	04	12	09	42																				
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5	05	12	09	24	07	20	24	03	16	09	10	11	08	12	35	09	35	12	32	15	32	29	30	31
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Results of Upper Wind Observations,
WILKES 1960

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	
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6	14	23	12	05	12	18	04	07	08	13	13	18	15	20	12	25								
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6	16	12	18	01	07	12	05	27	06	24	06	19	05	21	05	09	02	13	03	28	02	30	33	24
6	16	23	18	10	13	12	05	28	03	18	04	23	19	03	03	20	06	34	05	13	35	28	34	33

Results of Upper Wind Observations,
WILKES 1960

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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6	19	23	19	06	14	08	06	08	07	12	16	02	31	12	31	25	31	31	32	34	32	23	32	29
6	20	12	10	50																				
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7	06	23	15	10	18	12	15	12	08	11	32	03	30	13	29	17	26	23	24	23	25	12	27	25
7	07	12	00	00													27	22	28	27	27	31	27	31
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7	12	12	09	40																				
7	12	23	07	20	06	29	05	42	05	25	09	15	03	34	02	35	36	41	36	36	35	35	33	46
7	13	12	06	06	33	05	24	05	08	10	06	18	06	28	05	32	04	34	02	25	34	27	31	31
7	13	23	26	06	26	01	15	06	15	06	14	16	16	12	12	19	15	16	20	20	24	13	26	26
7	14	12	00	00	17	10	21	08	19	12	20	16	20	23	19	31	21	48	21	92	22	102	23	58
7	14	23	06	05	03	10	02	11	06	03	30	04	27	07	28	26	30	33	31	42	31	42	31	52
7	15	12	00	00	12	03	27	02	23	08	22	09	25	17	25	30	25	35	26	51	27	48	26	47
7	15	23	00	00	00	00	03	06	17	02	17	06	18	03	22	06	26	12	27	23	28	22	28	35
7	16	11	00	00	06	06	05	07	16	02	19	06	19	08	25	15	24	16	26	15	26	17	27	26
7	16	23	06	04	05	02	05	05	12	09	13	12	16	03	25	08	22	14	25	11	23	05	28	16
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7	18	12	18	02	21	08	12	01	13	05	17	04	21	04	22	10	22	16	23	15	24	18	26	22
7	18	23	00	00	25	04	23	05	12	13	15	12	18	09	22	10	25	18	25	27	24	25	24	24
7	19	12	06	03	06	14	05	20	07	07	17	05	18	12	19	11	19	17	22	12	21	14	23	20
7	19	23	09	06									11	09	15	09	18	18	19	19	21	24	21	22
7	20	12	18	03	20	09	15	09	11	19	13	12	12	18	10	11	15	11	19	20	21	30	21	33
7	20	23	05	05	06	06	05	04	07	15	13	12	12	24	16	20	17	13	21	23	22	40	23	42
7	21	13	00	00	08	02	09	12	08	20	08	30	06	27	05	18	13	05	23	35	24	52	24	46
7	21	23	00	00	06	08	08	05	11	09	13	14	08	07	03	05	25	24	24	52	24	50	25	51
7	22	12	06	12	01	15	30	11	29	10	26	15	28	15	27	21	26	48	26	58	25	48	26	54
7	22	23	06	02	10	03	06	14	05	15	06	13	04	11	28	20	26	48	27	55	27	53	27	35
7	23	11	00	00	08	03	11	09	09	16	06	14	34	03	28	27	27	27	28	32	28	32	28	35
7	23	23	00	00	15	05	06	14	05	09	03	07	35	05	33	10	31	04	29	17	29	24	28	41
7	24	12	00	00	09	14	07	42	08	23	07	25	36	11	31	39	30	62	30	79	29	87	29	58
7	24	23	12	59																				
7	25	12	11	44																				
7	26	03	8	20	05	30	02	32	03	24	04	31	04	27	02	15	32	26	33	24	32	30		
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7	27	02	00	00	05	09	07	26	06	31	05	32	04	22	03	25	33	48	33	65	33	63	29	43
7	27	12	08	10	13	06	12	12	09	27	08	31	10	26	34	12	32	28	33	52	32	21	31	35
7	28	02	00	00	00	00	08	20	06	33	06	29	34	18	33	19	31	27	29	34	29	37	29	39
7	28	12	36	04	02	08	05	16	07	25	03	29	03	20	01	27	34	33	34	52	33	63	31	32

Results of Upper Wind Observations,
WILKES 1960

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	
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7	29	12	00	00	18	05	12	03	32	08	30	27	29	34	29	41	28	45	27	49	28	53	28	76
7	30	02	14	04	15	08	17	04	27	14	26	17	28	36	29	55	30	71						
7	30	11	13	02	14	12	05	23	04	15	03	13	03	15	34	31	31	59	31	80	30	109	29	129
7	30	23	06	26																				
7	31	12	30	25																				
7	31	23	36	08	04	08	29	23	28	28	28	32	28	38	30	58	28	52	28	50	28	28	28	50
8	01	14	18	04	16	05	28	08	30	10	28	09	30	22	30	39	30	46	29	39	27	42	25	40
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8	02	12	20	15	14	16	17	19	19	19	22	17	25	24	25	48	26	62	26	70	26	71	26	103
8	03	03	10	34	07	56	04	40	02	31	01	37	36	45	33	54	35	54	33	58	32	69	31	75
8	03	12	10	50																				
8	04	02	00	00											35	08	35	14	34	26	33	31	32	41
8	04	12	06	06	02	03	03	05	04	06	36	06	03	10	36	10	33	11	29	21	29	21	30	33
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8	07	12	11	46																				
8	07	23	12	42																				
8	08	12	11	44																				
8	08	23	12	67																				
8	09	12	12	38																				
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8	10	12	12	47																				
8	10	23	28	16																				
8	11	12	15	10	14	04	06	29	07	36	09	39	09	54	09	61	09	67	09	43	29	05	29	11
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8	12	12	08	12											14	33	16	21	17	21	20	22	18	25
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8	16	12	18	04	08	08	06	30	06	30	06	32	07	22	05	50	05	61	05	64	02	42	01	35
8	16	23	00	00	11	03	36	02	05	08	04	08	08	21	06	34	05	36	05	35	05	29	02	30
8	17	12	30	04	28	08	32	03	06	13	03	09	05	16	05	29	04	28	32	21	31	24	30	33
8	17	23	11	08	09	07	34	08	33	23	35	14	33	21	32	25	32	37	34	19	36	10	33	24
8	18	11	19	16	05	30	02	16	03	06	36	09	01	10	35	08	35	28	34	37	33	34	34	27
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8	25	01	19	10	09	07	06	23	06	21	03	16	01	16	33	16	35	23	36	26	34	24	30	36
8	25	12	20	14	13	08	06	19	05	26	07	18	35	11	32	16	30	32	31	47	30	31	31	46
8	25	23	12	45																				
8	26	13	10	30	07	43	04	34	21	03	06	14	04	30	06	40	07	42	07	52	03	47	02	09
8	26	23	11	20	09	20	01	05	02	07	07	07	32	02	33	05	08	25	04	12	34	04	31	19
8	27	12	10	02	21	06	04	17	11	20	16	05	29	07	25	04	33	04	02	09	29	23	30	31
8	28	02	15	02	19	06	13	12	09	08	11	09	10	09	08	10	34	13	31	24	32	22	30	25
8	28	12	10	08	09	04	25	02	11	06	13	12	12	19	12	08	36	10	35	18	32	14	31	16
8	28	23	06	08	02	13	33	12	23	05	15	05	18	03	06	06	04	09	01	16	28	13	25	21
8	29	12	06	06	03	11	35	10	31	07	29	04	27	05	04	03	03	05	27	13	26	20	27	34
8	30	01	00	00	05	09	03	15	31	06	28	06	27	08	23	14	23	24	23	34	25	44	25	41
8	30	12	08	06	03	05	36	07	33	04	27	08	26	14	26	26	24	63	24	95	24	114	23	71
8	31	01	09	05	02	14	04	22	07	13	08	10	25	16	29	24	29	41	29	54	29	61	29	61
8	31	12	21	04									04	26	01	24	34	30	34	43	33	38	33	50
8	31	23	12	54																				
9	01	12	12	54																				
9	01	23	12	40																				
9	02	12	12	49																				
9	03	01	08	18	04	29	36	23	36	18	36	12	33	14	34	21	34	23	35	17	33	21	32	26
9	03	11	11	21	05	19	04	05	03	11	04	09	04	09	35	14	02	13	02	14	31	20	29	27
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9	04	23	06	09	04	17	05	14	06	06	00	00	28	12	26	35	25	44	25	89	26	91	26	115
9	05	11	09	40	08	60	04	40	01	30	35	11	05	08	32	18	01	26	35	35	33	34	29	52
9	06	01	31	06	34	08	32	08	26	12	23	12	22	15	24	20	20	14	24	32	23	41	24	55
9	06	12	09	02	21	04	28	06	24	14	24	21	25	21	26	30	25	51	25	64	26	70	27	70
9	06	23	18	05	11	06	05	16	29	05	27	15	27	23	27	22	30	13	29	10	31	18	29	39

Results of Upper Wind Observations,
WILKES 1960

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	07	23	06	02	15	01	35	03	25	07	25	20	25	31	25	27	24	23	26	14	27	23	27	32
9	08	12	06	04	07	04	20	02	20	10	22	12	22	14	22	13	20	15	25	10	26	22	27	29
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9	09	13	03	10	02	08	31	04	28	07	26	16	25	21	26	23	27	23	26	24	26	29	25	50
9	09	23	05	16	02	16							26	34	25	45	24	63	24	76	24	69	24	65
9	10	11	09	10	10	08	18	08	22	14	25	27	25	47	25	72	25	82						
9	11	01	20	10	17	13	09	15	11	06	32	08	30	18	29	28	27	33	28	44	28	51	28	53
9	11	12	04	02	04	04	05	08	06	09	22	01	28	09	28	41	27	51	28	59	28	50	28	47
9	11	23	06	02	34	03	30	05	23	09														
9	12	12	06	10	36	14	36	09	25	02	26	09	28	24	28	53	28	59	28	69	29	62	29	46
9	12	23	04	02	04	04	03	08	03	06	02	04	36	16	32	24	31	26	30	29	27	37	26	43
9	13	12	00	00	00	00	20	03	20	05	27	13	28	19	26	38	27	50	26	57	26	75	26	78
9	14	01	08	30	06	58	03	30	02	47	01	43	36	35	34	50	32	47	32	64	32	63	29	67
9	14	12	06	16	02	20	32	15	23	04	28	09	28	40	26	71	27	92	27	86	27	101	27	120
9	14	23	04	06	07	04	34	05	33	09	27	12	28	18	28	44	27	51	27	56	27	64	27	61
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9	15	23	12	50																				
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9	16	23	06	12	36	17	34	23	34	17	34	12	33	31	33	24	30	20	29	19	28	17	29	26
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9	19	12	06	06	02	08	30	08	28	09	27	09	29	14	25	11	23	13	25	13	27	19	27	21
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9	20	10	09	02	16	08	09	09	07	07	05	02	26	09	27	13	28	17	28	21	28	20	29	24
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0	10	23	09	56																				
0	11	12	13	48																				
0	11	23	10	73																				
0	12	12	10	48																				
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Results of Upper Wind Observations,
WILKES 1960

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	
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11	13	23	09	54																				
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11	18	23	27	04	26	04	26	14	25	20	25	20	25	19	26	20	27	21	28	24	26	32	26	45
11	19	10	03	18	02	09	31	08	28	12	28	12	28	17	28	30	27	58	26	76	26	94	26	29
11	19	23	07	41																				
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11	20	23	00	00	12	05	31	05	26	19	23	15	22	09	18	08	20	12	24	19	28	24	30	30
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11	28	12	03	10	04	20	03	10	05	13	04	06	03	20	33	18	31	18	31	13	29	21	27	26
11	28	23	09	12	06	25	05	18	09	11	08	11	33	06	29	10	30	16	30	25	31	16	30	18

Results of Upper Wind Observations,
WILKES 1960

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

Results of Upper Wind Observations,
WILKES 1960

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
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2	10	01	15	08	16	08	10	05	09	04	08	05												
2	10	11	18	06	13	05	11	03	12	08	10	04												

Results of Upper Wind Observations,
WILKES 1960

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
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2	11	23	19	05	16	06	16	05	16	08	17	04												
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2	13	23	23	12	23	09	25	11	26	06	26	09												
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2	18	02	33	08	26	10	34	13	34	12	32	06												
2	19	01	29	05	27	11	27	10	29	08	31	10												
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3	09	13									05	39												
3	09	23	27	65	28	45	27	48	27	48	28	34												
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3	27	12	28	16	27	21	27	17	28	23	27	20												
3	27	23	30	25	25	30	28	20	27	26	27	17												

Results of Upper Wind Observations,
WILKES 1960

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
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5	06	23	25	44	25	23	26	37	26	41	26	47												
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5	07	23	27	29	27	31	27	33	27	37	27	37												

Results of Upper Wind Observations,
WILKES 1960

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
5	08	12	28	28	28	35	28	34	28	43	28	55												
5	08	23	29	31	30	33	30	40	30	54	28	68												
5	09	12	28	31	29	37	29	45	29	51	29	64												
5	09	23	29	35	28	40	29	46	29	58	30	58												
5	10	12	29	31	30	38	30	48	31	54	31	65												
5	10	23	26	59	26	59	29	32	28	52	29	62												
5	11	12	27	56	28	45	27	52	28	60	29	54												
5	11	23	31	45	30	39	30	42	29	38	29	52												
5	12	12	32	32	31	34	30	38	30	41	30	48												
5	12	23	33	26	31	30	30	27	30	42	29	48												
5	13	14	31	32	31	32	30	45	30	50														
5	13	23	33	23	32	36	31	42	31	51														
5	14	11	32	26	32	36	32	41	31	50	30	58												
5	14	23	32	22	33	30	31	37	31	45	31	52												
5	15	12	31	20	31	24	30	29	30	34	29	43												
5	15	23	31	14	29	17	29	22	28	25	28	31												
5	16	12	29	10	26	18	27	16	27	25	27	31												
5	16	23	27	17	26	17	27	23	27	33	27	33												
5	17	12	27	26	27	32	28	32	28	38	27	44												
5	17	23	27	34	27	35	28	37	28	43	28	49												
5	18	12	27	43	27	39	29	33	28	47	28	57												
5	18	23	26	46	28	54	27	49	27	52	28	62												
5	19	12	26	64	26	61	26	62	26	61	26	56												
5	19	23	27	51	27	66	26	50	26	94	25	47												
5	20	12	29	49	29	50	28	52	28	62	27	77												
5	20	23	29	46	29	50	28	54	28	64	28	81												
5	21	11	29	52	27	43	27	47	27	66	26	72												
5	21	23	25	41	25	53	26	61	26	70														
5	22	12	25	51	26	49	26	64	26	66	26	82												
5	22	23	27	56	26	57	26	71	26	76	26	83												
5	23	11	29	40	28	46	27	54	26	62														
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5	27	12	27	63	27	56	27	60	27	80	27	74												
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5	30	23	27	37	26	50	27	52	26	62	27	67												
5	31	12	27	37	28	54	27	61	27	62	28	74												
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6	01	12	28	48	28	62	28	60	28	72	27	72												
6	01	23	31	49	29	55	29	62	29	67	29	83												
6	02	12	30	42	30	54	29	57	30	65	30	76												
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6	03	23	30	42	30	45	30	57	30	63	30	82												
6	04	11	29	44	29	51	30	62	30	70	30	83												
6	04	23	30	38	29	58	30	56	30	75	30	87												
6	05	12	29	46	29	48	29	60	29	68	30	80												
6	05	23	27	42	27	50	27	55	27	56	28	68												
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6	12	12	27	29	27	39	27	47	27	59	27	69												
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6	13	13	28	45	27	49	27	56	26	67	26	76												
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6	14	13	25	39	26	40	26	42	26	52	26	56												
6	14	23							26	55	26	57												
6	15	12	27	45	27	49	28	51	28	59	28	72												
6	15	23	30	41	30	44	30	49	30	52	29	56												
6	16	12	31	41	30	37	30	54	31	58	31	73												
6	16	23	32	48	33	60	33	68	33	77	32	84												
6	17	12	32	21	33	25	33	67	33	75	33	93												
6	17	23	30	40	31	50	31	55	31	68	31	83												
6	18	11	30	42	31	52	31	64	31	73	31	77												
6	18	23	32	32	32	38	32	56	33	74	33	79												
6	19	12	29	31	30	37	31	45	31	57	31	70												
6	19	23	30	41	30	41	29	43	30	53	29	59												
6	20	23	29	40	28	48	28	63	27	66	28	91												

Results of Upper Wind Observations,
WILKES 1960

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
6	21	11	29	45	29	56	29	63	28	88	29	99												
6	21	23	30	48	30	66	29	62	30	83	30	105												
6	22	13	30	43	30	59	29	65	29	83	29	87												
6	22	23	29	46	29	58	29	67	29	82	29	86												
6	23	12	29	52	29	59	29	71	28	76	29	87												
6	23	23	29	51	29	64	29	67	30	85	29	81												
6	24	12	29	52	29	58	30	63	30	69	30	89												
6	24	23	30	48	29	56	30	50	30	59	30	74												
6	25	11	30	67	30	55	30	48	30	66	30	74												
6	25	23	31	31	31	40	30	48	30	45	30	59												
6	26	12	30	34	30	41	30	41	29	51	30	54												
6	26	23	28	46	29	55	29	60	29	65	29	67												
6	27	12	29	47	29	55	29	60	29	68	29	82												
6	27	23	28	49	27	59	28	57	27	72	27	83												
6	28	11	27	95	27	90	27	93	27	87														
6	29	12	32	54	30	69	29	70	29	78	28	85												
6	29	23	31	51	28	53	28	67	28	68	27	89												
6	30	12	28	37	28	47	28	56	28	71	27	82												
6	30	23	28	30	28	45	28	55	27	69	27	79												
7	01	12	28	30	28	43	27	55	27	65	27	81												
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7	02	11	26	35	26	44	26	59	26	72	27	80												
7	02	23	26	51	26	61	26	72	26	75	26	89												
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7	12	23	32	60	30	69	30	72	29	72	29	83												
7	13	12	30	38	29	55	29	64	29	76	28	79												
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7	14	23	28	56	28	59	27	71	27	74														
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7	16	11	28	40	28	49	28	58	28	72	27	86												
7	16	23	27	26	28	42	28	49	27	43	28	72												
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7	19	23	23	34	24	35	24	39	25	56	25	69												
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7	29	03	27	47	27	59	28	109	29	132														
7	29	12	28	58	28	57	29	91	28	77	28	105												
7	30	11	29	88	29	98	29	97																
7	31	23	28	45	29	75	28	60	29	63	29	72												
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8	01	23	24	62	25	64	25	71	26	79	26	82												
8	02	12	26	98	26	113	26	83	27	100	27	75												
8	03	03	30	64	30	63	30	71																
8	04	12	29	41	29	49	28	59	28	71	28	81												
8	05	02	30	50	29	50	29	62	29	72	29	83												
8	05	13	31	35	29	37	29	54	28	65	28	80												
8	06	02	27	21																				
8	06	11	27	45	27	57	28	64	28	75	28	92												
8	07	03	31	44	31	43	30	57	30	69	29	98												

Results of Upper Wind Observations,
WILKES 1960

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
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8	12	12	23	24	26	25	26	37	26	48	26	51												
8	13	02	21	20	23	20	24	45	25	48	25	62												
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8	14	03	24	33	25	46	25	54	25	66	25	82												
8	14	12	26	35	26	43	27	51	27	68	27	85												
8	15	12	34	23	33	30	31	46	30	60	30	68												
8	16	03	36	18	33	23	31	35	31	43	31	63												
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8	17	12	28	36	30	39	29	49	29	61	29	76												
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8	18	11	34	38	32	43	31	50	30	66	30	72												
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8	19	12	30	22	30	36	29	53	29	67	29	79												
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8	22	12	26	27	25	29	26	39	26	47	26	53												
8	22	23	24	40	24	53	24	62	25	64	25	73												
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9	23	23	36	31	33	46	32	38	31	61	30	68												
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9	26	23	26	44	27	51	27	56	28	60	28	65												
9	27	09	30	38	30	47	29	52	29	63	29	76												
9	27	23	35	22	32	28	31	35	30	50	30	64												

Results of Upper Wind Observations,
WILKES 1960

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
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9	29	09	34	07	32	20	31	32	31	48	31	63												
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9	30	23	35	12	33	20	32	29	30	37	31	48												
0	01	10	34	15	31	26	30	33	30	47	30	56												
0	01	23	33	19	32	25	31	17	31	44	31	52												
0	02	09	32	16	31	25	30	32	31	41	30	46												
0	03	01	28	12	28	20	27	30	26	39	26	45												
0	03	09	25	21	26	33	26	42	26	58	26	63												
0	04	01	26	28	27	34	28	48	28	69	28	78												
0	04	09	29	28	29	38	29	51	29	69	28	87												
0	05	01	28	26	28	35	28	48	28	66	28	83												
0	05	09	26	35	27	48	27	51	28	70	28	94												
0	05	23	27	44	28	46	28	59	28	74	28	95												
0	06	09	28	35	28	46	28	55	28	76	28	101												
0	06	23	29	31	29	47	28	66	29	79	28	89												
0	07	09	29	31	30	42	29	75	28	82	28	86												
0	08	01	29	35	28	47	29	70	28	87	28	98												
0	08	10	30	43	29	57	29	72	29	91	29	103												
0	09	02	30	35	30	47	30	62	30	76	30	93												
0	09	09	30	25	31	37	29	53	30	68	30	86												
0	10	01	32	19	28	40	29	41	29	49	29	61												
0	10	09	30	30	29	38	27	45	28	48	28	58												
0	13	03	29	09	29	15	29	34	27	37	27	42												
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0	14	23	26	25	26	35	26	51	26	55	26	64												
0	15	09	27	32	27	36	27	54	27	70	27	74												
0	16	01	27	31	28	46	28	51	28	63	28	74												
0	16	09	27	33	27	48	28	59	28	70	28	83												
0	16	23	29	44	29	55	29	70	28	87	28	89												
0	17	09	30	39	30	55	29	71	29	84	29	96												
0	17	23	29	29	29	48	29	65	29	82	30	109												
0	18	09	29	42	29	66	30	89	30	89	30	100												
0	18	23	30	41	30	49	29	62	30	72	30	96												
0	19	09	29	37	29	51	29	56	30	69	30	93												
0	20	01	27	31	28	41	29	42	29	52	30	59												
0	20	09	27	36	28	43	28	47	29	48	29	52												
0	20	23	28	28	28	44	29	40	30	40	30	55												
0	21	09	29	40	29	33	30	50	29	49	29	51												
0	21	23	30	28	30	30	30	40	30	51	30	50												
0	22	09	30	26	30	31	30	38	30	44	30	52												
0	22	23	29	25	28	26	29	41	29	47	29	58												
0	23	10	29	28	29	38	29	46	29	58	29	65												
0	23	23	28	27	28	38	28	45	29	58	28	70												
0	24	09	27	34	28	40	28	53	28	62	27	81												
0	24	23	27	44	28	51	28	61	29	58	29	81												
0	25	11	28	41	28	54	28	61	28	74	28	79												
0	25	23	29	42	29	58	29	68	30	77	30	84												
0	26	11	30	46	30	62	30	79	30	93	30	106												
0	26	23	31	38	31	52	31	67	31	84	31	104												
0	27	11	31	33	30	45	30	53	31	68	30	78												
0	28	02	27	30	28	41	29	49	29	60	30	69												
0	28	11	25	41	26	45	27	47	28	59	29	61												
0	30	01			30	57	30	64	29	65	29	71												
0	30	23	32	60	32	65	31	65	32	76	32	72												
0	31	23	36	47	33	58	33	54	33	70	32	58												
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11	01	23	33	41	34	59	33	57	34	70	34	64												
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11	03	01	01	36	35	60	34	69	34	69	34	77												
11	03	10	36	25	35	40	34	57	34	67	33	70												
11	03	23	32	17	33	27	32	40	32	54	33	67												
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11	07	12	28	45	27	49	28	50	27	64	28	52												
11	07	23	29	29	29	34	29	41	28	45	28	47												
11	08	12	28	21	27	27	26	36	27	39	26	36												
11	08	23	27	21	27	29	28	35	28	31	28	34												
11	09	12	26	26	27	30	27	32	29	31	29	38												
11	09	23	27	28	28	29	29	37	30	43	32	44												
11	10	12	28	51	28	35	28	38	28	41	30	42												
11	10	23	26	37	26	39	26	47	26	51	26	56												

Results of Upper Wind Observations,
WILKES 1960

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	11	12	24	50	24	57	26	56	26	68	26	65												
11	11	23	26	59	26	71	26	58	27	74	27	65												
11	12	10					28	66	28	65	29	60												
11	12	23	29	58	29	54	29	66	30	62	30	59												
11	13	12	31	56	31	64	31	45	31	51	31	54												
11	14	12	34	42	32	44	32	40	30	44	30	40												
11	14	23	31	35	29	54	29	48	29	43	29	45												
11	15	12	30	35	29	40	28	41	27	55	26	49												
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11	16	23	30	30	30	37	30	42	29	33	30	30												
11	17	12	28	46	29	27	29	32	29	35	28	24												
11	18	12	27	41	28	42	28	37	30	28	30	31												
11	18	23	27	47	28	43	28	43	28	30	29	31												
11	19	10	26	80	27	66	28	41	29	50	30	47												
11	20	12	33	57	32	59	32	60	32	60	33	54												
11	20	23	30	42	30	47	30	50	29	45	30	42												
11	21	12	27	41	28	47	28	48	30	36	29	34												
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12	06	23	14	05	01	05	05	09	04	15	05	12												
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12	15	23	33	27	33	25	33	23	33	18	35	12												
12	16	12	36	21	35	20	35	15	02	20	02	24												
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12	19	12	03	07	02	06	33	07	03	08	04	14												
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12	22	12	30	17	26	09	28	09	25	05	31	04												
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12	23	12	31	14	30	13	27	05	26	08	00	00												
12	23	23	34	12	32	05	30	04	00	00	14	03												
12	24	10	33	08	32	04	33	10	00	00	00	00												
12	25	11	29	13	31	08	31	05	28	03	00	00												
12	25	23	26	05	31	03	30	03	01	02	06	06												

Results of Upper Wind Observations,
WILKES 1960

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
12	26	12	26	19	24	14	26	07	27	06	22	03												
12	26	23	27	18	26	14	27	10	26	03	27	07												
12	27	12	28	23	26	20	26	14	27	07	30	05												
12	27	23	29	18	29	16	29	14	30	12	31	07												
12	28	11	29	17	29	20	29	15	30	14	29	10												
12	28	23	27	19	27	09	29	13	30	11	29	08												
12	29	11	25	25	25	18	26	17	28	10	29	06												
12	30	01	25	33	25	17	27	16	28	08	29	08												
12	30	12	27	37	27	23	27	18	28	1	30	11												
12	30	23	32	18	30	14	31	12	32	11	32	11												