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Prepared by
THE BUREAU OF METEOROLOGY, MELBOURNE

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* 1100 observations commenced 13 September 1962

INTRODUCTION

1. This volume contains the meteorological observations, surface, radiosonde, radio wind and pilot balloon, made at Davis, Macquarie Island, Mawson and Wilkes during 1962. 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:-

<u>DAVIS</u>		
J. Harrop	-	Observer in Charge
R.G. Bradley	-	Observer
N.E. Trott	-	Observer
J.L. Armanin	-	Observer (Radio)
<u>MACQUARIE ISLAND</u>		
J. Stalker	-	Observer in Charge
S.A. Richards	-	Observer
N.L. Nash	-	Observer
P. Lane	-	Observer (Radio)
<u>MAWSON</u>		
N.E. Foley	-	Observer in Charge
O. Bode	-	Observer
K.R. Miller	-	Observer
R.E.K. Nelson	-	Observer (Radio)
<u>WILKES</u>		
B.D. Goldenberg	-	Meteorologist
S.D. Bone	-	Meteorological Physicist
D.L. Foster	-	Weather Technician
L.N. Fox	-	Observer
E.L. Clague	-	Observer

Messrs. Goldenberg, Bone and Foster 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 station and are as follows:-

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

* Prior to 1958, observation times at Macquarie were 00, 03, 06, 09, 12, 15, 18 and 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 local standard times.

- 3.1 The following are details of the listings:-

Station Level Pressure (thousand figure omitted)	-	millibars and tenths
Surface wind direction	-	Tens of degrees true
Surface wind speed	-	Knots
Cloud amounts	-	Oktas (when sky not discernible, the figure 9 used)
Precipitation	-	Hundredths of an inch
Anemometer run	-	Statute miles
Sunshine	-	Hours and tenths

- 3.2 Temperatures were read to the tenth of a degree Fahrenheit, but are listed to the nearest whole degree Fahrenheit, preceded by a 5 if negative. Where .5 was recorded, the temperature is listed to the nearest odd number of whole degrees Fahrenheit. At times the dew points in the listing may appear anomalous when compared with the dry and wet bulb temperatures, as shown by the following examples of extreme cases:

	Dry Bulb	Wet Bulb	Dew Point
Readings	33.4°F	32.6°F	31°F
Listing	33	33	31
Readings	34.5°F	33.5°F	32°F
Listing	35	33	32

- 3.3 International Codes (reproduced on pages X - XX in this volume for reference) are used for the description of:

Visibility (00-89)
Present Weather (00-99)
Past Weather (0-9)
Cloud types - low, middle and
high (each (0-9))
Height of the base of Low Cloud
(0-9)
Direction of Cloud Movement
(0-9)

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

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

- 3.6 Sunshine records were maintained during the year at Mawson, 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 0000 GMT at Mawson and Davis. At Wilkes, they were released twice daily at 0000 and 1200 GMT. At Macquarie Island, they were released once daily at 2300 GMT until 12th September 1962, then twice daily at 2300 GMT and 1100 GMT.

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 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 a 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 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 Davis, three times daily at Mawson and twice daily at Wilkes. Details of listings are as follows:-

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

6. The cumulated frequency analysis 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 an ICT 906 Tabulator print-out. Eighty-column punch cards containing the basic data are held by The Bureau of Meteorology, and requests for the production of these cards or for further analyses of the data should be addressed to:-

The Director of Meteorology,
Bureau 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 louvered wooden screen and continuous records from a thermograph or a recording electrical resistance thermometer.

Humidity

At Macquarie Island, relative humidity and dew point were obtained from readings of dry and wet bulb thermometers 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 thermohygrograph.

Wind

At 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). At Davis, a Dines anemometer was used until September 27, 1962, when, due to a mechanical fault in the Dines, a Synchrotac anemometer was used for the remainder of the year. 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 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 or pilot balloons, and at Wilkes by using type G.M.D. - I.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

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

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

Code for Visibility at Macquarie Island & Wilkes

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

CODE FOR PRESENT WEATHER

- 00 Cloud development not observed or not observable.)
01 Clouds generally dissolving or becoming less developed.) Characteristic change of the state of sky
02 State of sky on the whole unchanged.) during the past hour.
03 Clouds generally forming or developing.)
04 Visibility reduced by smoke, e.g., veldt or forest fires, industrial smoke or volcanic ashes.
05 Dry haze.
06 Widespread dust in suspension in the air, not raised by wind at or near the station at the time of observation.
07 Dust or sand raised by wind at or near the station at the time of observation, but no well developed dust devil(s) and no duststorm or sandstorm seen.
08 Well developed dust devil(s) seen at or near the station within last hour, but no duststorm or sandstorm.
09 Duststorm or sandstorm within sight of the station or at the station during the last hour.
10 Mist, visibility more than 1,100 yards.
11 Patches of) shallow fog at the station, whether on land) or sea, not deeper than about 2 metres on
12 More or less continuous) 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 .) within sight during the past hour.
19 Funnel Cloud(s))
20 Drizzle (not freezing)))
21 Rain (not freezing)) Not falling)
22 Snow) as)
23 Rain and snow) shower(s))
24 Freezing drizzle or freezing rain))
25 Shower(s) of rain)
26 Shower(s) of snow, or of rain and snow)
27 Shower(s) of hail, or of hail and rain)
28 Fog, visibility less than 1100 yards)
29 Thunderstorm (with or without precipitation))

30	Slight or moderate	(- has decreased during (the preceding hour
31	duststorm or	(- no appreciable change (during the preceding hour
32	sandstorm	(- has increased during the (preceding hour
33	Severe duststorm	(- has decreased during (the preceding hour
34	or	(- no appreciable change (during the preceding hour
35	sandstorm	(- has increased during the (preceding hour
36	Slight or moderate drifting snow	) ) generally low
37	Heavy drifting snow)
38	Slight or moderate drifting snow	) ) generally high
39	Heavy drifting snow)
40	Fog at a distance at the time of observation, but not at the station during the last hour, the fog extending to a level above that of the observer.	
41	Fog in patches	
42	Fog, sky discernible	) has become thinner) during
43	Fog, sky not discernible	) the preceding hour
44	Fog, sky discernible	) no appreciable) change during the
45	Fog, sky not discernible	) preceding hour
46	Fog, sky discernible	) has begun or has) become thicker during
47	Fog, sky not discernible	) the preceding hour
48	Fog, depositing rime, sky discernible	
49	Fog, depositing rime, sky not discernible	
50	Drizzle, not freezing, intermittent	) slight at time)
51	Drizzle, not freezing, continuous	) of observation
52	Drizzle, not freezing, intermittent	) moderate at time) 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 |
| 61 | Rain, not freezing, continuous |) of observation |
| 62 | Rain, not freezing, intermittent |) moderate at time |
| 63 | Rain, not freezing, continuous |) of observation |
| 64 | Rain, not freezing, intermittent |) heavy at time |
| 65 | Rain, not freezing, continuous |) of observation |
| 66 | Rain, freezing, slight | |
| 67 | Rain, freezing, moderate or heavy | |
| 68 | Rain or drizzle and snow, slight | |
| 69 | Rain or drizzle and snow, moderate or heavy | |
| 70 | Intermittent fall of snow flakes |) slight at time |
| 71 | Continuous fall of snow flakes |) of observation |
| 72 | Intermittent fall of snow flakes |) moderate at time |
| 73 | Continuous fall of snow flakes |) of observation |
| 74 | Intermittent fall of snow flakes |) heavy at time |
| 75 | Continuous fall of snow flakes |) of observation |
| 76 | Ice needles (with or without fog) | |
| 77 | Granular snow (with or without fog) | |
| 78 | Isolated starlike snow crystals (with or without fog) | |
| 79 | Ice pellets | |
| 80 | Rain shower(s), slight | |
| 81 | Rain shower(s), moderate or heavy | |
| 82 | Rain shower(s), violent | |
| 83 | Shower(s) of rain and snow mixed, slight | |
| 84 | Shower(s) of rain and snow mixed, moderate or heavy | |
| 85 | Snow shower(s), slight | |
| 86 | Snow shower(s), moderate or heavy | |

87	Shower(s) of soft or small hail with or without rain or rain and snow mixed	) - slight)
88		) - moderate or heavy
89	Shower(s) of hail, with or without rain or rain and snow	) - slight)
90	mixed, not associated with thunder	) - moderate or heavy
91	Slight rain at time of observation))
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 sand-storm at time of observation	
99	Thunderstorm, heavy, with hail at time of observation	

CODE FOR PAST WEATHER

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

CODES FOR CLOUD TYPES

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

- 0 No Stratocumulus, Stratus, Cumulus or Cumulonimbus clouds.
- 1 Cumulus with little vertical development and seemingly flattened.

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

- 2 Cumulus of considerable development, generally towering, with or without other Cumulus or Stratocumulus; bases all at the same level.
- 3 Cumulonimbus with tops lacking clear-cut outlines but distinctly not cirriform or anvil-shaped, with or without Cumulus, Stratocumulus or Stratus.
- 4 Stratocumulus formed by the spreading out of Cumulus; Cumulus also often present.
- 5 Stratocumulus not formed by the spreading out of Cumulus.
- 6 Stratus or Fractostratus or both, but not Fractostratus of bad weather.
- 7 Fractostratus and/or Fractocumulus of bad weather ("Scud") usually under Altostratus and 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:
 - (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.

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

- 8 Altocumulus in the form of Cumulus-shaped tufts or Altocumulus with turrets.
9 Altocumulus of a chaotic sky; generally at different levels; dense Cirrus in patches is usually also present.
Blank Clouds of genera C_M non-visible owing to darkness, fog, sandstorm or other analogous phenomena or owing to the existence of a complete layer of lower cloud.

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

- 0 No Cirrus, Cirrocumulus or Cirrostratus clouds.
1 Filaments or strands of Cirrus, scattered and not increasing (often "Mares' Tails").
2 Dense Cirrus in patches or twisted sheaves usually not increasing; possibly but not certainly the remains of the upper part of Cumulonimbus.
3 Cirrus, often anvil-shaped; either the remains of the upper portions of Cumulonimbus or part of a distant Cumulonimbus the rest of which is not visible. (If there is doubt as to the Cumulonimbus origin or association, Code $C_H = 2$ should be used).
4 Cirrus (often hook-shaped) gradually spreading over the sky and usually thickening as a whole.
5 Cirrus and Cirrostratus, often in bands converging toward the horizon; or Cirrostratus alone; in either case gradually spreading over the sky and usually thickening as a whole, but the continuous layer not reaching 45° altitude.
6 Cirrus and Cirrostratus, often in bands converging toward the horizon; or Cirrostratus alone; in either case gradually spreading over the sky and usually thickening as a whole and the continuous layer exceeding 45° altitude.
7 Cirrostratus veil covering the whole sky.
8 Cirrostratus not increasing and not covering the whole sky; Cirrus and Cirrocumulus may be present.
9 Cirrocumulus alone or Cirrocumulus with some Cirrus or Cirrostratus, but the Cirrocumulus being the main cirriform cloud present. (Cirrocumulus may be present in $C_H = 1$ to $C_H = 8$).
Blank Clouds of genera C_H non-visible owing to darkness, fog, sandstorm or other analogous phenomena or owing to the existence of a complete layer of lower cloud.

CODE FOR HEIGHT, ABOVE GROUND, OF BASE OF CLOUD

(In Metres)

Code Figure

0	0 to	50 m
1	50 to	100 m
2	100 to	200 m
3	200 to	300 m
4	300 to	600 m
5	600 to	1,000 m

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

Code Figure

6	1,000 to 1,500 m
7	1,500 to 2,000 m
8	2,000 to 2,500 m
9	2,500 m or more or no low cloud

CODE FOR DIRECTION OF MOVEMENT OF CLOUD (CODE FIGURE)

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 $68^{\circ} 35' S$ Longitude $77^{\circ} 58' E$

Height above M.S.L. 40 ft.

JANUARY 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}F$			Mean Cloud (Eighths)			Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low		
02	985.1	26.4		16.6	4.2	3.2	4.1	
05	985.0	27.3		15.7	4.8	3.3	4.9	
08	984.9	29.3		15.8	5.1	2.9	9.1	
11	984.8	30.6		17.3	5.3	3.4	10.5	
14	984.8	31.1		18.5	4.7	2.6	9.0	
17	984.9	31.0		18.9	4.6	3.0	6.5	
20	984.7	30.5		18.8	4.7	3.2	4.8	
23	984.9	28.9		18.8	4.3	2.9	2.7	
Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}F$			Sun- shine (hrs)	Anem. (Miles per Hour)	Max. Gust (kts)	
0	0	Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	NNE 43 15th, 28th

FEBRUARY 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}F$			Mean Cloud (Eighths)			Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low		
02	984.4	24.6		13.0	4.9	3.1	5.6	
05	984.6	24.8		13.1	5.0	3.7	7.2	
08	984.3	27.6		13.7	4.8	3.5	11.6	
11	984.5	29.4		15.7	5.1	4.0	13.0	
14	984.4	30.0		16.8	5.5	4.6	12.3	
17	984.5	30.0		17.2	5.1	3.5	9.7	
20	984.4	28.6		17.1	5.2	3.4	7.6	
23	984.5	26.5		14.9	5.0	3.1	6.9	
Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}F$			Sun- shine (hrs)	Anem. (Miles per (Hour)	Max. Gust (kts)	
0	0	Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	NE 67 27th

DAVIS

Latitude $68^{\circ} 35'S$ Longitude $77^{\circ} 58'E$

Height above M.S.L. 40 ft.

MARCH 1962

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	15.2		8.5	5.8	5.4	8.8
05	983.1	14.8		8.4	5.9	5.5	9.4
08	983.1	15.8		9.3	6.6	6.0	9.2
11	983.0	17.7		10.4	6.3	5.0	10.0
14	982.7	18.4		10.6	5.5	4.7	11.1
17	982.7	17.3		10.0	5.2	4.0	9.8
20	982.8	15.5		8.7	5.7	4.7	10.0
23	983.0	14.8		8.0	5.4	5.0	9.9

Rain (pts)	Rain days (.01 in. or more)	Temperature °F						Sun- shine (hrs)	Anem. (Miles per Hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.			
0	0	20.0	31.0	2	11.3	-7.6	31	-	3.0	NE 74 1st

APRIL 1962

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
02	983.4	4.7		-3.0	4.6	3.9	7.9
05	983.1	4.7		-2.4	4.5	4.2	8.7
08	983.0	4.8		-2.3	5.9	3.3	8.9
11	983.1	6.2		-1.8	6.3	4.0	10.1
14	983.0	7.1		-0.6	6.3	4.2	10.0
17	983.2	6.0		-1.4	6.4	4.7	11.0
20	983.2	5.1		-2.2	5.5	4.4	8.6
23	983.3	4.6		-2.8	5.3	3.7	8.0

Rain (pts)	Rain days (.01 in. or more)	Temperature °F						Sun- shine (hrs)	Anem. (Miles per Hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.			
0	0	10.1	25.7	7	0.7	-16.9	23	-	2.1	NNE 70 5th

DAVIS

Latitude $68^{\circ} 35' S$ Longitude $77^{\circ} 58' E$

Height above M.S.L. 40 ft.

MAY 1962

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	-2.8		-11.3	4.3	3.7	7.9	
05	988.4	-2.4		-10.7	3.7	3.4	9.1	
08	988.1	-2.6		-10.2	4.9	3.9	10.4	
11	988.4	-2.0		-9.9	5.3	3.6	9.6	
14	988.4	-1.7		-9.3	5.0	2.9	9.7	
17	989.0	-2.2		-9.8	4.3	3.2	8.4	
20	989.1	-2.1		-9.5	3.9	3.5	8.5	
23	989.2	-2.2		-10.2	4.6	3.8	7.4	
Rain (pts)	Rain days (.01 in. or more)	Temperature °F			Sun- shine (hrs)	Anem. (Miles per Hour)	Max. Gust (kts)	
0	0	Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	NE 73 30th
0	0	2.6	22.4	31	-7.5	-22.2	19	

JUNE 1962

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)			Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low		
02	998.0	3.8		-8.1	3.6	2.8	7.5	
05	998.0	3.8		-8.3	3.7	2.9	7.0	
08	998.0	3.3		-8.7	3.7	3.2	6.7	
11	998.1	2.8		-9.5	4.9	3.3	5.7	
14	998.1	2.5		-9.3	4.0	2.5	5.8	
17	998.0	2.6		-9.0	3.5	2.3	5.3	
20	997.6	3.3		-8.4	3.2	2.3	7.4	
23	997.7	3.0		-8.9	2.9	2.3	7.4	
Rain (pts)	Rain days (.01 in. or more)	Temperature °F			Sun- shine (hrs)	Anem. (Miles per (Hour)	Max. Gust (kts)	
0	0	Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	NNE 55 15th
0	0	8.0	23.1	8	-1.6	17.8	17	

DAVIS

Latitude $68^{\circ} 35'S$ Longitude $77^{\circ} 58'E$

Height above M.S.L. 40 ft.

JULY 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}$ F				Mean Cloud (Eighths)			Mean Wind Spd (kts)	
		Dry Bulb	Wet Bulb	Dew Point		Total	Low			
02	981.8	-2.6		-10.4		5.7	5.2	6.4		
05	981.7	-2.5		-10.2		5.4	4.5	7.0		
08	981.6	-3.0		-10.4		5.9	4.6	7.2		
11	981.7	-2.6		-9.8		6.8	5.6	6.4		
14	981.8	-2.5		-10.2		6.6	5.6	7.5		
17	981.9	-2.9		-10.2		6.2	5.4	6.2		
20	981.8	-3.4		-10.8		6.1	5.8	5.4		
23	981.7	-3.5		-10.6		5.7	5.3	5.6		
Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}$ F						Sun- shine (hrs)	Anem. (Miles per Hour)	Max. Gust (kts)
θ	θ	Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	0.1	9.1	NE 55 19th

AUGUST 1965

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}$ F				Mean Cloud (Eighths)			Mean Wind Spd (kts)	
		Dry Bulb	Wet Bulb	Dew Point		Total	Low			
02	976.9	-7.7		-15.2		3.7	2.8	7.7		
05	976.5	-7.3		-14.8		4.1	3.0	10.1		
08	976.5	-7.4		-14.9		4.8	3.6	10.6		
11	976.9	-6.1		-13.5		5.5	3.7	11.5		
14	977.7	-4.8		-12.9		5.3	3.5	10.2		
17	977.6	-6.6		-14.4		4.9	3.4	8.5		
20	977.2	-7.1		-14.7		4.1	3.6	8.8		
23	977.1	-7.1		-14.3		3.9	3.3	8.2		
Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}$ F						Sun- shine (hrs)	Anem. (Miles per Hour)	Max. Gust (kts)
θ	θ	Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	1.7	10.8	NE 77 13th

DAVIS

Latitude $68^{\circ} 35' S$
Longitude $77^{\circ} 58' E$
Height above M.S.L. 40 ft.

SEPTEMBER 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}F$			Mean Cloud (Eighths)			Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low		
02	983.0	-2.1		-10.7	4.2	3.2	4.3	
05	983.0	-2.2		-10.9	4.2	3.3	4.8	
08	983.0	-1.4		-10.6	5.0	3.8	4.0	
11	983.1	2.3		-8.2	5.2	3.6	4.4	
14	983.1	3.5		-6.9	5.2	3.2	4.2	
17	983.2	2.3		-7.0	5.2	3.6	4.0	
20	983.3	-0.2		-8.8	4.6	3.8	4.4	
23	983.4	-1.0		-9.6	4.2	3.6	4.4	

Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}F$						Sun- shine (hrs)	Anem. (Miles per Hour)	Max. Gust (kts)	
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.				
0	0	4.5	16.0	6	-5.4	-15.4	21	-	3.8	7.0	NNE 50 5th

OCTOBER 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}F$			Mean Cloud (Eighths)			Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low		
02	978.4	7.5		-0.5	5.0	4.5	8.4	
05	978.1	7.0		-0.5	4.8	3.4	8.9	
08	978.1	9.8		1.8	5.0	3.4	8.1	
11	977.8	12.0		2.7	5.6	3.3	10.3	
14	977.8	13.0		3.7	5.3	3.7	9.8	
17	977.7	12.0		3.3	5.9	3.8	8.7	
20	977.6	9.5		2.0	5.9	3.9	6.8	
23	977.5	8.5		0.1	5.2	4.1	7.2	

Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}F$						Sun- shine (hrs)	Anem. (Miles per (Hour))	Max. Gust (kts)	
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.				
0	0	14.5	27.7	30	3.6	-16.6	23	-	4.5	10.5	-

DAVIS

Latitude $68^{\circ} 35' S$ Longitude $77^{\circ} 58' E$

Height above M.S.L. 40 ft.

NOVEMBER 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}F$			Mean Cloud (Eighths)			Mean Wind Spd (kts)			
		Dry Bulb	Wet Bulb	Dew Point	Total	Low					
02	987.9	18.6		9.5	4.5	3.7	7.0				
05	988.0	19.7		9.1	4.5	3.1	7.8				
08	987.9	22.6		10.8	4.4	3.9	11.4				
11	987.9	24.7		12.8	4.7	3.7	13.7				
14	988.0	25.1		15.0	4.7	3.5	13.6				
17	987.9	24.8		15.6	4.8	3.1	12.0				
20	987.8	23.9		14.5	4.8	3.8	10.3				
23	988.0	21.2		12.2	4.4	3.7	8.4				
Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}F$						Sun- shine (hrs)	Anem. (Miles per Hour)	Max. Gust (kts)	
0	0	Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.				
0	0	26.6	32.6	5	17.1	11.9	1 29	-	8.0	11.4	-

DECEMBER 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}F$			Mean Cloud (Eighths)			Mean Wind Spd (kts)			
		Dry Bulb	Wet Bulb	Dew Point	Total	Low					
02	984.3	28.0		15.6	4.5	3.6	9.0				
05	984.5	28.6		14.6	4.8	3.2	10.4				
08	984.2	30.5		15.4	5.2	3.7	14.2				
11	984.2	32.1		17.4	5.3	3.4	15.8				
14	984.2	32.8		20.3	5.2	3.3	13.8				
17	984.3	32.2		21.1	5.5	3.8	10.6				
20	984.2	31.3		21.7	4.6	3.5	8.8				
23	984.6	29.8		19.5	4.8	3.1	9.9				
Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}F$						Sun- shine (hrs)	Anem. (Miles per (Hour))	Max. Gust (kts)	
0	0	Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.		10.5	12.6	-
0	0	34.2	43.8	6	27.0	22.8	11				

MACQUARIE ISLAND
 Latitude $54^{\circ} 30'S$
 Longitude $158^{\circ} 57'E$
 Height above M.S.L. 20 ft

JANUARY 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}$ F			Mean Cloud (Eighths)			Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low		
00	1001.2	42.9	41.4	39.3	5.6	5.3	18.1	
03	1000.6	42.6	41.2	39.2	6.3	5.7	18.0	
06	1000.8	43.2	41.5	39.4	6.8	5.1	18.1	
09	1000.8	44.5	42.5	40.1	7.3	5.9	18.5	
12	1000.3	45.0	43.4	41.5	7.4	6.1	17.1	
15	1000.1	45.1	43.1	40.6	6.8	5.9	17.9	
18	1000.4	44.0	42.5	40.5	6.4	5.5	17.9	
21	1001.1	43.5	41.8	39.5	6.2	5.7	17.1	
Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}$ F			Sun-shine (hrs)	Anem. (Miles per Hour)	Max. Gust (kts)	
271	29	Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	NW 60 15th
		46.5	49.2	10	40.0	36.0	6	38.2
						31.7	22nd	-
							18.0	

FEBRUARY 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}$ F			Mean Cloud (Eighths)			Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low		
00	999.3	44.5	43.4	41.8	6.0	6.0	13.9	
03	999.0	44.4	43.2	41.4	6.4	6.0	15.4	
06	999.8	44.4	43.1	41.3	6.6	6.4	16.6	
09	999.8	45.6	44.2	42.1	6.6	5.9	16.1	
12	999.6	46.5	44.7	42.5	6.5	5.7	17.3	
15	999.3	46.3	44.7	42.5	6.4	5.2	16.1	
18	999.2	45.4	43.9	42.0	6.6	5.7	15.3	
21	999.8	44.9	43.8	42.1	6.3	5.9	14.4	
Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}$ F			Sun-shine (hrs)	Anem. (Miles per Hour)	Max. Gust (kts)	
265	26	Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	WNW 48 24th
		48.2	51.3	17	41.8	37.8	5	39.2
						33.3	9th	-
							15.7	

MACQUARIE ISLAND

Latitude $54^{\circ} 30' S$ Longitude $158^{\circ} 57' E$

Height above M.S.L. 20 ft.

MARCH 1962

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	43.4	41.9	39.9	6.1	6.1	13.5	
03	1001.7	43.6	42.3	40.2	6.6	6.0	14.2	
06	1001.8	43.5	42.2	40.3	6.4	5.7	14.4	
09	1002.4	44.3	42.9	40.7	6.7	6.1	14.5	
12	1002.5	44.7	42.9	40.5	6.6	5.9	15.4	
15	1002.5	44.9	42.8	40.1	6.3	5.8	15.7	
18	1002.9	43.7	41.9	39.2	6.3	5.5	14.9	
21	1003.1	43.5	42.1	39.6	6.3	5.8	14.8	
Rain (pts)	Rain days (.01 in. or more)	Temperature °F			Sun- shine (hrs)	Anem. (Miles per Hour)	Max. Gust (kts)	
248	28	Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	NW 65 22nd
		46.8	50.1	11	40.7	36.3	25	36.7
						29.8 11th	-	12.9

APRIL 1962

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)			Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low		
00	1000.9	41.7	40.5	38.3	6.1	5.7	20.7	
03	1000.4	41.4	40.3	38.4	6.2	6.0	20.8	
06	1000.3	41.6	40.0	37.7	6.4	5.9	19.6	
09	1000.3	42.2	40.4	37.7	7.2	5.6	19.5	
12	999.8	42.9	41.2	38.5	7.0	5.9	21.5	
15	999.5	42.4	41.4	39.7	6.8	5.9	20.0	
18	1000.0	41.8	40.5	38.1	6.2	6.2	18.9	
21	1000.6	41.7	40.5	38.3	6.1	6.1	18.9	
Rain (pts)	Rain days (.01 in. or more)	Temperature °F			Sun- shine (hrs)	Anem. (Miles per (Hour))	Max. Gust (kts)	
344	30	Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	WNW 55 10th
		44.5	47.9	4	38.5	32.1	14	33.9
						27.9 14	-	17.6

MACQUARIE ISLAND

Latitude $54^{\circ} 30' S$ Longitude $158^{\circ} 57' E$

Height above M.S.L. 20 ft.

MAY 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}F$			Mean Cloud (Eighths)			Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low		
00	1001.5	40.6	39.8	38.6	6.0	6.0	16.4	
03	1001.2	40.4	39.7	38.7	6.4	6.3	16.3	
06	1001.1	40.5	39.7	38.6	6.5	6.4	17.2	
09	1001.5	40.6	39.9	38.6	7.0	6.5	18.1	
12	1001.4	41.0	40.2	38.8	6.8	6.4	17.6	
15	1001.5	40.8	40.0	38.8	6.5	6.3	17.2	
18	1001.6	40.8	40.0	38.9	5.9	5.9	15.5	
21	1001.9	40.3	39.6	38.3	6.1	6.0	15.0	
Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}F$					Sun- shine (hrs)	Anem. (Miles per Hour)
197	29	Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	Max. Gust (kts)
		42.7	45.5	26	38.0	31.3	5	W 63 10th
							26.0 19	- 15.0

JUNE 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}F$			Mean Cloud (Eighths)			Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low		
00	993.1	39.1	38.0	36.0	5.9	5.6	16.2	
03	993.1	38.8	37.9	36.4	5.7	5.7	15.0	
06	993.1	39.3	38.5	37.2	6.3	6.2	16.1	
09	993.8	38.7	38.0	36.6	6.8	6.2	14.8	
12	992.8	39.4	38.6	37.2	7.2	6.4	14.9	
15	991.6	39.7	38.6	36.8	7.2	7.0	16.6	
18	991.1	39.3	38.5	37.1	6.7	6.4	19.6	
21	992.1	39.2	38.3	36.8	5.9	5.5	18.4	
Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}F$					Sun- shine (hrs)	Anem. (Miles per (Hour))
465	29	Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	Max. Gust (kts)
		42.3	46.6	19	35.9	27.0	25	NW 71 17th
							22.1 25	- 16.0

MACQUARIE ISLAND

Latitude $54^{\circ} 30' S$ Longitude $158^{\circ} 57' E$

Height above M.S.L. 20ft

JULY 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}F$			Mean Cloud (Eighths)			Mean Wind Spd (kts)				
		Dry Bulb	Wet Bulb	Dew Point	Total	Low						
00	1002.9	38.2	37.2	35.3	6.2	6.1	20.1					
03	1002.6	38.4	37.1	35.1	6.2	6.1	19.5					
06	1002.7	38.0	36.9	34.9	6.4	6.4	18.6					
09	1003.1	37.9	36.8	34.8	6.9	6.6	20.3					
12	1002.4	38.5	37.4	35.5	7.1	6.6	20.6					
15	1002.3	38.7	37.6	35.8	7.0	6.4	20.9					
18	1002.6	38.4	37.2	35.3	6.6	6.3	19.4					
21	1002.9	37.9	36.6	34.6	6.3	6.2	20.0					
Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}F$						Max. Gust (kts)				
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.					
418	31	41.2	44.0	26	34.9	27.0	5	31.0	20.6 5th	-	18.2	W 63 7th

AUGUST 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}F$			Mean Cloud (Eighths)			Mean Wind Spd (kts)				
		Dry Bulb	Wet Bulb	Dew Point	Total	Low						
00	995.4	37.8	36.8	35.0	6.5	6.4	21.3					
03	995.6	37.5	36.5	34.7	6.3	6.3	20.5					
06	995.8	38.0	36.8	34.9	6.5	6.0	19.8					
09	996.4	37.8	37.0	35.2	6.8	6.4	19.5					
12	995.9	38.6	37.4	35.5	6.7	6.3	20.2					
15	995.5	38.4	37.1	35.1	7.2	6.7	20.1					
18	995.8	38.3	37.1	34.8	6.6	6.5	19.3					
21	995.6	38.4	37.3	35.5	6.4	6.4	21.6					
Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}F$						Max. Gust (kts)				
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.					
287	29	40.7	44.8	7	34.6	28.3	4	31.1	23.0 21	-	20.2	NW 83 27th

MACQUARIE ISLAND

Latitude $54^{\circ} 30' S$ Longitude $158^{\circ} 57' E$

Height above M.S.L. 20 ft.

SEPTEMBER 1962

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	38.1	37.1	35.5	6.2	6.0	15.8			
03	995.0	37.7	36.9	35.3	5.9	5.9	14.4			
06	995.2	38.0	36.9	34.9	6.4	6.3	15.2			
09	995.4	38.4	37.4	35.5	6.8	6.1	15.5			
12	994.9	39.3	38.3	36.6	7.1	6.2	16.4			
15	994.4	39.3	38.3	36.4	6.5	5.7	16.7			
18	995.2	38.7	37.8	36.2	6.6	6.5	16.5			
21	995.2	38.4	37.6	36.2	6.0	6.0	15.1			
Rain (pts)	Rain days (.01 in. or more)	Temperature °F					Sun- shine (hrs)	Anem. (Miles per Hour)	Max. Gust (kts)	
263	27	Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	-	16.8	WNW 69 11th

OCTOBER 1962

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)			Mean Wind Spd (kts)		
		Dry Bulb	Wet Bulb	Dew Point	Total	Low				
00	996.9	39.2	38.0	35.9	6.0	6.0	16.2			
03	997.0	38.9	37.4	35.2	5.4	5.3	15.7			
06	997.3	39.1	37.5	34.8	6.2	5.8	15.1			
09	998.0	40.0	38.3	35.3	6.1	5.4	15.5			
12	997.9	41.0	39.0	35.7	6.3	5.0	16.5			
15	997.5	40.5	38.6	35.9	6.4	5.6	15.9			
18	997.2	39.6	38.1	35.6	6.4	5.8	16.4			
21	997.5	39.3	37.9	35.6	6.4	6.3	17.7			
Rain (pts)	Rain days (.01 in. or more)	Temperature °F					Sun- shine (hrs)	Anem. (Miles per (Hour))	Max. Gust (kts)	
191	25	Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	-	16.2	W 53 30th

MACQUARIE ISLAND

Latitude $54^{\circ} 30'S$ Longitude $158^{\circ} 57'E$

Height above M.S.L. 20 ft.

NOVEMBER 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}$ F			Mean Cloud (Eighths)			Mean Wind Spd (kts)				
		Dry Bulb	Wet Bulb	Dew Point	Total	Low						
00	990.9	40.3	39.0	37.0	6.3	5.5	16.3					
03	990.4	40.0	38.9	37.3	7.0	5.9	16.7					
06	990.6	40.9	39.6	37.7	6.9	6.0	16.8					
09	991.1	41.8	40.5	38.8	6.8	5.9	17.2					
12	990.9	42.7	41.0	38.5	6.5	5.1	17.4					
15	990.6	42.4	40.8	38.9	6.4	4.6	15.3					
18	990.8	41.2	39.8	37.7	6.7	5.4	15.2					
21	991.2	40.6	39.6	37.9	6.3	4.9	15.4					
Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}$ F					Sun- shine (hrs)	Anem. (Miles per Hour)				
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	Max. Gust (kts)				
337	25	44.2	47.4	18	37.8	31.9	5	32.0	22.0 5th	-	17.9	W 55 18th

DECEMBER 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}$ F			Mean Cloud (Eighths)			Mean Wind Spd (kts)				
		Dry Bulb	Wet Bulb	Dew Point	Total	Low						
00	1003.3	42.6	41.5	40.1	6.6	6.3	16.3					
03	1002.7	42.4	41.4	39.9	7.3	6.5	16.5					
06	1003.7	42.6	41.7	40.5	7.0	5.8	14.8					
09	1003.9	43.8	42.6	40.8	6.8	6.0	14.5					
12	1003.7	44.7	43.3	41.5	7.2	6.3	15.5					
15	1003.4	44.5	43.2	41.4	7.2	6.7	17.8					
18	1003.3	43.5	42.6	41.4	7.1	6.4	17.0					
21	1003.4	43.1	41.8	40.1	7.1	6.6	17.1					
Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}$ F					Sun- shine (hrs)	Anem. (Miles per (Hour))				
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	Max. Gust (kts)				
271	26	46.1	49.2	13	39.2	35.2	21	34.3	25.6 17th	-	17.8	W 51 25th

MAWSON

Latitude $67^{\circ} 36' S$ Longitude $62^{\circ} 53' E$

Height above M.S.L. 27 ft.

JANUARY 1962

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)			Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low		
02	984.8	23.1		13.9	4.0	3.2	21.8	
05	984.6	22.4		12.0	3.5	2.4	24.4	
08	984.5	25.2		13.7	4.0	2.5	22.0	
11	984.4	29.0		16.8	4.3	2.7	19.7	
14	984.6	31.8		18.3	4.3	3.2	15.6	
17	984.6	31.7		19.0	4.5	2.9	13.3	
20	984.8	30.0		19.2	4.7	3.1	12.4	
23	984.9	25.8		17.1	4.3	3.5	17.8	
Rain (pts)	Rain days (.01 in. or more)	Temperature °F						Sun- shine (hrs)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	Anem. (Miles per Hour)
-	-	33.2	37.5	6	21.1	16.8	25	-
								SE 60 23rd

FEBRUARY 1962

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	21.6		10.3	4.8	3.2	26.6	
05	984.6	20.8		9.0	4.6	2.6	27.0	
08	984.6	22.4		10.3	5.6	2.6	26.6	
11	984.5	25.3		12.4	5.2	2.5	23.8	
14	984.5	28.1		14.3	5.0	2.6	20.8	
17	984.4	28.3		15.5	5.3	2.6	18.7	
20	984.3	26.3		14.9	5.4	3.2	20.5	
23	984.5	22.8		12.7	5.2	3.2	24.3	
Rain (pts)	Rain days (.01 in. or more)	Temperature °F						Sun- shine (hrs)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	Anem. (Miles per (Hour))
-	-	29.4	38.2	19	18.8	10.4	26	-
								SE 74 8th

MAWSON

Latitude $67^{\circ} 36' S$ Longitude $62^{\circ} 53' E$

Height above M.S.L. 27 ft.

MARCH 1962

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)			Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low		
02	984.8	10.4		-0.5	3.6	1.7	24.6	
05	984.5	9.7		-0.9	3.7	1.6	26.1	
08	984.3	10.2		-0.7	3.7	1.8	27.7	
11	984.5	13.2		1.7	3.9	1.9	25.2	
14	984.6	16.6		4.1	3.9	1.9	21.6	
17	984.8	16.4		4.2	4.1	2.4	20.1	
20	985.0	12.4		2.1	4.0	2.7	24.2	
23	985.3	9.9		-0.4	3.0	1.8	26.9	
Rain (pts)	Rain days (.01 in. or more)	Temperature °F						Sun- shine (hrs)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	Anem. (Miles per Hour)
-	-	18.0	33.0	3	6.7	-7.6	27	6.3
								20.9
								SE 71 7th

APRIL 1962

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	6.1		-3.2	4.0	2.1	19.5	
05	984.7	5.5		-4.3	4.1	2.2	18.6	
08	984.5	5.3		-4.2	5.6	2.5	18.0	
11	984.5	6.5		-3.5	5.7	2.6	17.5	
14	984.3	7.5		-2.6	5.8	2.2	17.6	
17	984.3	7.2		-2.2	5.7	3.2	17.6	
20	984.1	6.9		-2.2	5.0	2.6	18.5	
23	984.1	6.5		-2.9	4.0	2.1	17.9	
Rain (pts)	Rain days (.01 in. or more)	Temperature °F						Sun- shine (hrs)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	Anem. (Miles per (Hour))
-	-	11.0	26.4	6	1.6	-12.2	24	2.5
								20.5
								SE 77 5th

MAWSON

Latitude $67^{\circ} 36'S$ Longitude $62^{\circ} 53'E$

Height above M.S.L. 27 ft.

MAY 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}$ F			Mean Cloud (Eighths)			Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low		
02	989.7	-2.4		-14.2	2.9	0.8	18.6	
05	989.6	-2.9		-14.4	2.7	1.2	18.5	
08	989.6	-3.4		-14.6	3.7	1.0	19.0	
11	989.5	-2.5		-14.3	4.3	1.0	19.6	
14	989.5	-1.5		-12.9	4.8	1.2	19.1	
17	989.7	-1.6		-13.0	4.3	1.6	16.7	
20	989.7	-2.1		-13.4	3.3	1.2	17.6	
23	989.7	-2.3		-13.0	3.2	0.9	18.3	

Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}$ F						Sun- shine (hrs)	Anem. (Miles per Hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.			
-	-	2.4	15.1	31	-7.1	-20.5	8	-	1.3	SE 82 30th

JUNE 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}$ F			Mean Cloud (Eighths)			Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low		
02	999.7	6.4		-5.1	2.8	0.6	21.1	
05	999.4	6.4		-5.3	3.2	0.6	18.6	
08	999.4	5.7		-5.8	3.5	1.5	19.6	
11	999.5	5.4		-6.5	4.6	1.1	21.9	
14	999.7	5.2		-6.6	4.8	1.5	19.4	
17	999.6	5.9		-6.3	4.0	1.4	22.1	
20	999.6	5.3		-6.0	3.7	0.7	21.0	
23	999.4	5.3		-6.2	3.3	0.3	22.2	

Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}$ F						Sun- shine (hrs)	Anem. (Miles per (Hour))	Max. Gust (kts)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.			
-	-	11.4	28.5	11	0.0	-23.0	30	-	0.0	SE 92 9th

MAWSON

Latitude $67^{\circ} 36' S$ Longitude $62^{\circ} 53' E$

Height above M.S.L. 27 ft.

JULY 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}F$				Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low		
02	984.8	-7.3		-20.3	3.7	0.4	19.9	
05	984.7	-6.9		-20.6	4.2	0.6	19.5	
08	984.9	-6.9		-20.4	3.9	0.5	18.3	
11	985.0	-7.3		-20.8	4.6	0.6	18.4	
14	985.2	-6.4		-20.0	5.0	0.9	17.5	
17	985.1	-7.2		-20.6	4.4	0.5	17.8	
20	985.0	-7.7		-20.8	3.9	0.4	19.4	
23	984.9	-7.1		-20.5	3.7	0.7	20.4	
Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}F$						Sun- shine (hrs)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	Anem. (Miles per Hour)
-	-	-2.9	13.8	13	-11.5	-27.8	26	0.7 20.1 SE 85 12th

AUGUST 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}F$				Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low		
02	980.5	-10.9		-22.2	3.4	0.5	17.5	
05	980.6	-11.3		-22.9	3.8	0.2	16.5	
08	980.6	-11.8		-23.4	3.5	0.5	14.9	
11	980.7	-10.8		-22.2	4.5	1.0	14.4	
14	980.9	-10.0		-20.9	4.6	0.8	16.2	
17	980.8	-10.4		-20.9	4.4	0.5	14.7	
20	980.7	-10.7		-21.7	4.0	1.0	18.6	
23	980.4	-10.7		-21.5	4.2	0.5	17.5	
Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}F$						Sun- shine (hrs)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	Anem. (Miles per (Hour))
-	-	-5.5	24.2	13	-16.3	-31.7	4	3.4 15.9 SE 72 25th

MAWSON

Latitude $67^{\circ} 36' S$ Longitude $62^{\circ} 53' E$

Height above M.S. L. 27ft.

SEPTEMBER 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}F$			Mean Cloud (Eighths)			Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low		
02	987.1	-4.0		-15.9	3.8	0.3	18.0	
05	987.0	-4.8		-16.3	3.5	0.2	18.1	
08	987.1	-4.4		-16.2	4.3	0.6	18.4	
11	986.8	-1.3		-13.8	4.8	0.5	17.0	
14	987.2	1.1		-12.2	5.0	1.5	15.8	
17	987.2	-0.2		-12.3	5.0	1.4	13.8	
20	987.3	-2.7		-14.6	4.6	0.7	17.8	
23	987.2	-2.8		-14.8	4.4	0.6	19.4	
Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}F$						Sun- shine (hrs)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	Anem. (Miles per Hour)
-	-	2.1	15.0	30	-7.3	-18.0	24	ESE 83 29th

OCTOBER 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}F$			Mean Cloud (Eighths)			Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low		
02	979.3	4.7		-5.1	5.3	1.4	25.2	
05	979.2	4.3		-4.9	5.6	2.0	25.8	
08	979.0	5.9		-3.6	5.0	2.4	25.6	
11	978.9	9.5		-1.0	5.1	1.7	21.0	
14	979.4	11.4		0.3	5.2	1.9	16.6	
17	979.4	11.0		0.3	5.1	2.3	16.1	
20	979.3	8.7		-1.3	5.4	1.8	16.9	
23	979.0	6.5		-3.5	5.2	1.8	22.5	
Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}F$						Sun- shine (hrs)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	Anem. (Miles per (Hour))
-	-	12.1	25.8	31	1.6	-13.2	20	ESE 81 15th

MAWSON

Latitude $67^{\circ} 36'S$ Longitude $62^{\circ} 53'E$

Height above M.S.L. 27 ft.

NOVEMBER 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}$ F			Mean Cloud (Eighths)			Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low		
02	987.9	18.0		5.8	4.9	1.0	28.3	
05	987.8	17.6		5.4	5.6	1.1	29.1	
08	987.6	20.3		7.6	5.4	1.2	27.2	
11	987.7	23.8		10.8	5.7	1.3	22.4	
14	988.0	25.2		12.3	5.3	1.4	19.9	
17	988.0	25.0		13.1	5.6	1.6	18.5	
20	988.2	22.8		11.9	5.2	2.1	19.0	
23	988.2	20.0		8.5	5.2	1.3	25.2	
Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}$ F						Sun-shine (hrs)
-	-	Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	Anem. (Miles per Hour)
-	-	26.4	32.9	30	16.0	5.9	3	7.6
								22.5
								SE 71 4th 15th

DECEMBER 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}$ F			Mean Cloud (Eighths)			Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low		
02	983.7	26.4		15.4	4.7	1.7	26.2	
05	983.7	26.0		14.5	5.1	1.7	25.4	
08	983.8	28.4		15.7	5.1	1.3	23.1	
11	983.8	31.6		18.0	5.3	1.3	21.9	
14	983.9	32.5		20.1	5.2	1.5	18.4	
17	983.8	32.6		19.9	5.4	1.4	17.5	
20	983.9	30.8		20.5	5.3	1.4	16.3	
23	984.0	28.5		17.9	5.3	1.4	21.7	
Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}$ F						Sun-shine (hrs)
-	-	Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	Anem. (Miles per (Hour))
-	-	34.3	38.3	16	24.8	17.3	2	9.5
								SE 91 22nd

WILKES

Latitude $66^{\circ} 15' S$ Longitude $110^{\circ} 35' E$

Height above M.S.L. 39 ft.

JANUARY 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}F$			Mean Cloud (Eighths)			Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low		
01	981.5	26.7	24.5	20.5	6.0	4.7	11.1	
04	981.5	27.3	25.0	20.9	6.0	4.9	11.0	
07	981.7	29.9	27.5	23.4	6.2	5.1	9.3	
10	981.7	31.7	28.8	23.6	6.2	5.4	9.5	
13	981.7	32.5	29.5	24.2	6.0	4.8	10.3	
16	981.9	31.7	29.3	24.9	6.3	4.8	9.9	
19	982.1	31.0	28.5	24.1	5.8	4.0	8.2	
22	981.9	28.0	25.9	22.4	5.9	4.7	8.1	
Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}F$			Sun-shine (hrs)	Anem. (Miles per Hour)	Max. Gust (kts)	
-	-	Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	ENE 55 4th
		33.1	43	11	26.1	21	25 26	-

FEBRUARY 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}F$			Mean Cloud (Eighths)			Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low		
01	977.8	29.2	27.7	25.0	6.1	5.9	14.7	
04	978.2	29.3	27.6	24.5	6.5	5.0	14.4	
07	978.9	31.4	29.1	25.0	6.3	4.2	12.0	
10	978.2	32.5	30.0	25.7	6.4	4.6	13.0	
13	978.3	33.2	30.9	27.1	6.2	5.0	10.0	
16	978.1	33.2	30.4	25.9	6.3	5.1	11.8	
19	977.9	31.9	29.9	26.1	6.0	5.1	12.6	
22	977.7	30.6	28.5	24.7	5.9	5.6	12.7	
Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}F$			Sun-shine (hrs)	Anem. (Miles per Hour)	Max. Gust (kts)	
-	-	Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	SE 98 16th
		36.1	43	13	27.0	18	28	-

WILKES

Latitude $66^{\circ} 15' S$ Longitude $110^{\circ} 35' E$

Height above M.S.L. 39 ft.

MARCH 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}F$			Mean Cloud (Eighths)			Mean Wind Spd (kts)	
		Dry Bulb	Wet Bulb	Dew Point	Total	Low			
01	979.4	23.1	21.7	17.7	6.3	6.2	10.7		
04	979.5	23.4	21.6	16.8	7.1	5.1	9.8		
07	979.6	23.7	21.8	16.8	7.3	4.9	9.0		
10	979.2	25.7	23.8	18.8	6.8	4.8	10.9		
13	979.0	26.8	24.6	20.0	6.2	3.6	9.4		
16	979.2	25.8	24.1	19.5	6.5	4.8	8.6		
19	979.2	24.1	22.5	17.7	6.2	5.0	10.5		
22	979.3	23.3	21.7	16.9	6.2	5.5	11.1		
Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}F$					Sun-shine (hrs)	Anem. (Miles per Hour)	Max. Gust (kts)
-	-	Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	-	ENE 72 13th
		28.5	38	4	19.7	1	31	-	

APRIL 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}F$			Mean Cloud (Eighths)			Mean Wind Spd (kts)	
		Dry Bulb	Wet Bulb	Dew Point	Total	Low			
01	978.1	8.5	7.8	2.6	4.6	3.3	11.3		
04	977.7	8.8	7.9	2.2	4.9	3.3	12.2		
07	977.7	8.0	7.4	1.6	5.8	3.6	14.6		
10	978.2	9.6	10.1	7.1	6.2	3.8	15.7		
13	978.4	11.2	11.1	5.4	6.2	3.5	13.2		
16	978.6	9.8	9.1	3.8	5.4	3.9	14.1		
19	978.4	9.5	8.7	3.3	4.7	4.1	13.8		
22	978.0	9.1	8.4	2.7	4.4	3.4	12.9		
Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}F$					Sun-shine (hrs)	Anem. (Miles per Hour)	Max. Gust (kts)
-	-	Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	-	E 76 15th
		15.2	28	17	1.8	-26	12	-	

WILKES

Latitude $66^{\circ} 15' S$ Longitude $110^{\circ} 35' E$

Height above M.S.L. 39 ft.

MAY 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}F$			Mean Cloud (Eighths)			Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low		
01	984.5	0.8	0.4	-5.8	5.4	4.8	6.4	
04	984.3	0.7	0.4	-5.4	5.2	4.6	6.0	
07	984.2	1.5	1.1	-4.8	5.4	4.3	8.8	
10	984.6	1.5	1.2	-4.7	6.1	4.9	8.7	
13	984.9	2.2	1.7	-4.1	5.8	4.1	7.8	
16	985.4	0.4	0.1	-5.7	5.1	4.0	7.5	
19	985.9	0.2	-0.8	-6.9	4.7	4.1	7.3	
22	986.0	0.7	0.5	-5.3	5.1	4.5	7.3	
Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}F$						Sun- shine (hrs)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	Anem. (Miles per Hour)
-	-	7.9	25	25	-6.6	-21	27	E 80 24th

JUNE 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}F$			Mean Cloud (Eighths)			Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low		
01	991.2	2.3	0.7	-6.4	3.2	2.9	10.4	
04	991.0	2.3	0.5	-7.4	3.0	2.9	11.0	
07	990.8	2.4	0.8	-6.9	4.3	3.9	10.5	
10	990.7	2.2	0.6	-6.6	5.0	3.9	11.5	
13	990.1	2.8	1.6	-6.1	5.1	4.3	12.1	
16	990.3	2.7	1.2	-6.8	5.1	4.8	13.0	
19	990.7	2.2	0.7	-6.9	4.1	3.6	14.6	
22	990.3	2.8	0.5	-7.7	2.8	2.7	11.8	
Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}F$						Sun- shine (hrs)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	Anem. (Miles per (Hour))
-	-	10.4	25	11	-4.8	-19	5	E 100 24th

WILKES

Latitude $66^{\circ} 15' S$ Longitude $110^{\circ} 35' E$

Height above M.S.L. 39 ft.

JULY 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}F$			Mean Cloud (Eighths)			Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low		
01	979.1	-6.1	-5.8	-12.3	3.9	3.3	10.1	
04	979.2	-4.7	-5.2	-12.0	4.3	4.2	10.8	
07	979.3	-5.2	-4.9	-11.4	4.5	3.8	12.7	
10	979.4	-5.2	-6.4	-13.6	4.8	3.9	12.5	
13	979.6	-5.6	-7.0	-14.6	5.3	3.7	9.8	
16	979.8	-6.7	-7.8	-14.7	5.1	4.0	10.2	
19	979.7	-7.2	-8.6	-15.5	4.3	4.0	9.6	
22	979.4	-7.6	-8.8	-15.7	4.1	3.7	9.0	
Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}F$			Sun-shine (hrs)	Anem. (Miles per Hour)	Max. Gust (kts)	
-	-	Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	E 81 15th
		2.0	22	15 16	-12.7	-34	30	

AUGUST 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}F$			Mean Cloud (Eighths)			Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low		
01	974.6	3.2	-	-	-	-	23.5	
04	974.9	5.2	2.1	-4.6	4.5	3.0	20.6	
07	975.4	5.5	3.7	-2.7	6.3	5.0	18.7	
10	975.4	5.4	2.3	-4.8	6.0	4.5	18.5	
13	975.1	6.4	3.2	-3.1	6.6	4.9	18.8	
16	974.6	5.4	1.8	-5.4	6.6	4.7	22.4	
19	975.1	4.7	1.1	-6.6	-	-	22.3	
22	974.6	4.8	-	-	-	-	22.4	
Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}F$			Sun-shine (hrs)	Anem. (Miles per Hour)	Max. Gust (kts)	
-	-	Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	E 111 10th
		11.6	26	12	-1.6	-33	3	

WILKES

Latitude $66^{\circ} 15' S$ Longitude $110^{\circ} 35' E$

Height above M.S.L. 39 ft.

SEPTEMBER 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}F$			Mean Cloud (Eighths)			Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low		
01	976.5	10.2	9.1	2.6	5.9	4.5	10.4	
04	976.8	9.9	8.8	1.7	5.1	4.5	8.8	
07	976.5	9.9	8.9	2.2	6.4	4.0	10.2	
10	976.2	11.1	10.0	2.8	6.6	4.2	10.7	
13	975.7	13.1	12.0	4.7	6.1	3.2	10.5	
16	975.7	12.0	10.9	3.9	5.9	4.6	13.1	
19	976.3	10.0	8.6	1.4	5.3	4.3	14.7	
22	976.6	10.0	8.3	1.8	5.6	4.7	13.1	
Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}F$			Sun- shine (hrs)	Anem. (Miles per Hour)	Max. Gust (kts)	
-	-	Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	E 79 14th
		17.3	27	15	3.8	-5	$\frac{1}{2}$ 22	

OCTOBER 1962

Hour	Mean Pressure (mb)	Mean Temperature $^{\circ}F$			Mean Cloud (Eighths)			Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low		
01	976.3	12.6	11.6	4.6	5.7	4.4	14.9	
04	976.5	12.5	11.1	3.8	6.5	4.9	14.8	
07	976.7	14.4	13.0	5.3	6.8	4.5	12.4	
10	976.4	17.9	16.6	10.1	6.9	4.6	13.5	
13	976.0	18.9	17.5	10.9	6.3	5.2	13.1	
16	976.2	18.3	16.8	10.2	6.7	5.1	13.0	
19	976.5	15.9	15.0	8.9	6.3	5.5	15.8	
22	976.3	14.5	13.3	7.0	6.1	5.2	13.9	
Rain (pts)	Rain days (.01 in. or more)	Temperature $^{\circ}F$			Sun- shine (hrs)	Anem. (Miles per (Hour)	Max. Gust (kts)	
-	-	Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.	ESE 78 10th
		20.5	30	31	8.6	-5	$\frac{3}{4}$ 5	

WILKES

Latitude $66^{\circ} 15' S$ Longitude $110^{\circ} 35' E$

Height above M.S.L. 39 ft.

NOVEMBER 1962

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
01	985.7	19.1	17.4	10.3	5.0	4.5	11.7
04	985.8	19.4	17.9	11.8	5.9	5.2	10.9
07	986.0	22.8	20.8	14.1	6.4	5.5	9.1
10	985.9	25.5	23.1	16.2	5.8	4.8	9.1
13	985.9	26.5	24.0	17.1	5.6	4.8	9.4
16	985.9	26.2	23.8	17.4	5.3	4.4	8.8
19	986.1	23.4	21.4	15.1	5.2	4.1	8.0
22	985.9	20.5	18.6	11.4	4.9	3.8	11.4

Rain (pts)	Rain days (.01 in. or more)	Temperature °F						Sun- shine (hrs)	Anem. (Miles per Hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.			
-	-	28.5	38	16	15.6	1	8	-	-	ESE 74 25th

DECEMBER 1962

Hour	Mean Pressure (mb)	Mean Temperature °F			Mean Cloud (Eighths)		Mean Wind Spd (kts)
		Dry Bulb	Wet Bulb	Dew Point	Total	Low	
01	982.8	26.8	25.0	20.3	7.4	6.4	10.6
04	982.9	27.4	25.2	19.7	7.4	6.4	11.6
07	983.1	28.1	26.2	21.5	7.2	6.6	10.4
10	983.0	30.3	27.6	21.9	6.7	6.0	10.2
13	983.1	31.6	28.7	22.9	6.6	5.3	9.8
16	983.0	31.5	28.8	23.4	7.1	6.1	10.6
19	982.9	30.0	27.5	22.0	7.1	6.4	10.0
22	982.8	28.4	26.4	21.6	7.1	6.2	11.9

Rain (pts)	Rain days (.01 in. or more)	Temperature °F						Sun- shine (hrs)	Anem. (Miles per Hour)	Max. Gust (kts)
		Mean Max.	Extr. Max.	Mean Min.	Extr. Min.	Mean Terr. Min.	Extr. Terr. Min.			
-	-	33.3	43	6	24.8	16	1 ₂₃	-	-	ESE 66 26th

FREQUENCY ANALYSES
DAVIS 1962

Upper Limit Range - mb	Station Level Pressure												Total
	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	
950			4					11					4
955			8										19
960	4	5	11		8		8	33		9		3	78
965	9	7	15	4	9	1	23	70		60	3	1	200
970							5	44	96	27	85	13	394
975	27	23	23	22	15	5						14	896
980	64	51	67	86	30	1	99	129	86	164	39	60	1555
985	97	106	130	152	80	40	175	196	143	200	92	144	2142
990	172	169	217	206	130	80	212	225	200	224	143	214	2610
995	246	216	246	221	192	110	234	241	234	242	191	237	2743
1000	247	224	248	234	220	151	239	248	240	248	220	244	2835
1005	247	224	248	240	248	156	248	248	240	248	240	248	2849
1010	247	224	248	240	248	170	248	248	240	248	240	248	2903
1015	247	224	248	240	248	224	248	248	240	248	240	248	2919
1020	247	224	248	240	248	240	248	248	240	248	240	248	
Upper Limit Range - F													2
530													3
527													4
524													6
525													7
520													8
519													10
516													11
515													12
514													14
513													15
512													17
511													20
509													23
508													26
507													29
506													35
505													45
504													53
503													59
502													67
501													75
000													85
001													87
002													93
003													96
004													103
005													109
006													116
007													118
008													128
009													132
010													145
011													152
012													162
013													170
014													177
015													184
016													187
017													193
018													199
019													207
020													215
021													225
022													231
023													235
024	1	23	26	31	30	31	29	27	30	28	6		246
025	2	26	27	31	30	31	29	29	30	28	12		256
026	3	26	30	31	30	31	30	30	30	29	16		266
027	8	26	30	31	30	31	30	30	30	30	20		277
028	1	11	28	30	31	30	31	31	30	31	22	1	282
029	2	12	29	30	31	30	31	30	31	31	23	2	294
030	3	14	30	31	30	31	31	31	30	31	27	6	305
031	10	14	31	30	31	30	31	31	30	31	28	8	318
032	16	17	31	30	31	30	31	31	30	31	29	11	335
033	25	19	31	30	31	30	31	31	30	31	30	16	342
034	29	20	31	30	31	30	31	31	30	31	30	18	350
035	30	24	31	30	31	30	31	31	30	31	30	21	355
036	30	25	31	30	31	30	31	31	30	31	30	25	358
037	31	26	31	30	31	30	31	31	30	31	30	26	360
038	31	27	31	30	31	30	31	31	30	31	30	27	361
040	31	27	31	30	31	30	31	31	30	31	30	28	362
041	31	27	31	30	31	30	31	31	30	31	30	29	363
042	31	28	31	30	31	30	31	31	30	31	30	29	364
043	31	28	31	30	31	30	31	31	30	31	30	30	365
044	31	28	31	30	31	30	31	31	30	31	30	31	

FREQUENCY ANALYSES
DAVIS 1962

Upper Limit Range - F	Minimum Temperature												Total
	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	
534								3					3
532								5					5
531								7					7
530													8
529								2					10
527								3					11
526								3					12
525								4					13
522								4					17
521								5					19
519								5					20
518								5					22
517								5					29
516								5					32
515								5					42
514								5					49
513								5					57
512								5					62
511								6					67
510								6					76
509								6					87
508								6					97
507								7					101
506								7					106
505								7					113
504								7					118
503								7					124
502								7					128
501								7					133
000								7					141
001								7					148
002								7					151
003								7					162
004								7					168
005								7					177
006								7					181
007								7					186
008								7					189
009								7					194
010								7					203
011								7					214
012								7					219
013								7					222
014								7					235
015								7					243
016								7					251
017								7					257
018								7					260
019								7					268
020								7					274
021								7					280
022								7					284
023								7					292
024								7					302
025								7					316
026								7					332
027								7					342
028								7					342
029								7					355
030								7					358
031								7					363
032								7					364
								7					365

Upper Limit Range - Knots	Speed of Maximum Wind Gust												1
	00	10	20	30	40	50	60	70	80	90	100	110	
00													1
10	2	2	2	1	4	6	3	8	6	6	9		41
20	15	15	14	13	20	10	10	19	19	19	22		137
30	28	21	22	20	23	21	22	22	21	21	22		200
40	29	22	25	23	25	26	26	27	25	25	24		226
50	31	25	28	28	28	29	30	31	26	26	26		251
60	31	27	30	28	30	30	30	31	27	27	26		260
70	31	28	30	30	30	30	30	31	28	28	26		264
80	31	28	31	30	31	30	31	31	31	30	31		269

FREQUENCY ANALYSES
DAVIS 1962

Upper Limit Range - Hours	Daily Duration of Sunshine												Total
	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	
0 0	3	4	1 6	1 6	1 8	3 0	2 9	1 7	1 1	1 0	6	5	1 65
0 1	5	6	1 6	1 7	2 2	3 0	2 9	1 7	1 5	1 2	8	5	1 80
0 2	7	9	1 8	1 8	2 3	3 0	3 0	2 1	1 4	1 2	1 0	8	2 00
0 3	9	1 1	2 0	2 0	2 5	3 0	3 1	2 3	1 4	1 5	1 1	8	2 17
0 4	1 0	1 1	2 3	2 2	2 7	3 0	3 1	2 6	1 5	1 6	1 2	9	2 32
0 5	1 2	1 4	2 4	2 5	2 9	3 0	3 1	2 7	1 7	1 9	1 6	10	2 54
0 6	1 4	1 7	2 5	2 7	3 1	3 0	3 1	2 9	2 3	2 1	1 6	10	2 74
0 7	1 4	1 7	2 5	2 8	3 1	3 0	3 1	3 0	2 4	2 1	1 7	12	2 80
0 8	1 5	1 8	2 5	2 9	3 1	3 0	3 1	3 1	2 6	2 1	1 8	13	2 88
0 9	1 6	2 0	2 5	2 9	3 1	3 0	3 1	3 1	2 6	2 3	1 8	13	2 95
1 0	1 9	2 2	2 7	3 0	3 1	3 0	3 1	3 1	2 7	2 5	1 9	15	3 07
1 1	1 9	2 2	2 9	3 0	3 1	3 0	3 1	3 1	2 9	2 9	1 9	16	3 16
1 2	2 0	2 2	3 1	3 0	3 1	3 0	3 1	3 1	3 0	2 9	1 9	17	3 21
1 3	2 0	2 3	3 1	3 0	3 1	3 0	3 1	3 1	3 0	3 0	1 9	18	3 24
1 4	2 3	2 4	3 1	3 0	3 1	3 0	3 1	3 1	3 0	3 1	2 0	19	3 31
1 5	2 4	2 6	3 1	3 0	3 1	3 0	3 1	3 1	3 0	3 1	2 0	22	3 37
1 6	2 6	2 8	3 1	3 0	3 1	3 0	3 1	3 1	3 0	3 1	2 3	23	3 45
1 7	2 8	2 8	3 1	3 0	3 1	3 0	3 1	3 1	3 0	3 1	2 5	23	3 49
1 8	2 9	2 8	3 1	3 0	3 1	3 0	3 1	3 1	3 0	3 1	2 6	26	3 54
1 9	3 0	2 8	3 1	3 0	3 1	3 0	3 1	3 1	3 0	3 1	2 7	26	3 56
2 0	3 0	2 8	3 1	3 0	3 1	3 0	3 1	3 1	3 0	3 1	3 0	26	3 59
2 1	3 0	2 8	3 1	3 0	3 1	3 0	3 1	3 1	3 0	3 1	3 0	26	3 59
2 2	3 0	2 8	3 1	3 0	3 1	3 0	3 1	3 1	3 0	3 1	3 0	27	3 60
2 3	3 1	2 8	3 1	3 0	3 1	3 0	3 1	3 1	3 0	3 1	3 0	28	3 62
2 4	3 1	2 8	3 1	3 0	3 1	3 0	3 1	3 1	3 0	3 1	3 0	31	3 65

FREQUENCY ANALYSES
DAVIS 1962

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.	022												1				1
	023												2			1	4
	024												1			2	6
	025	1		1		1		3		1	2	5	1			7	23
	026	1		1		1		3		3	3	6	2			10	32
	027	2		2		1		6		2	6	4	7	3		3	51
	028	2		3		3		2		7	3	10	7	7		8	76
	029	2		3		7		3		8	6	12	12	11	15	7	27
	030	2		2		4		7		5	8	10	11	13	14	20	113
	031	2		2		4		7		6	8	11	15	19	16	39	161
	032	2		2		4		7		5	8	4	11	18	19	21	134
	033	2		2		4		7		7	8	4	12	20	19	22	56
	034	2		2		4		7		8	4	12	20	19	22	24	59
	035	2		2		4		7		8	4	12	20	19	22	61	244
																247	
Feb.	015															1	
	017															2	
	019															5	
	020															9	
	021															15	
	022															21	
	023	1	2	1		1	5	2	3	1	4	2	2	3	5	9	44
	024	1	3	1	1	1	3	6	3	4	1	6	3	4	7	4	58
	025	1	3	1	1	1	3	8	4	5	3	9	4	7	9	20	84
	026	1	4	1	1	1	4	8	5	6	5	11	6	7	10	9	99
	027	1	4	1	1	1	4	8	5	6	5	11	8	9	11	9	117
	028	1	4	1	1	1	4	9	5	8	9	11	9	9	14	10	127
	029	1	4	1	1	1	4	11	6	8	10	13	9	9	14	11	142
	030	1	4	1	1	1	4	11	6	8	10	13	9	9	14	11	157
	031	3	4	2	1	1	4	11	6	9	11	13	9	9	19	12	48
	032	3	4	2	2	2	1	4	11	6	9	11	13	9	11	19	172
	033	3	4	2	2	2	2	5	5	11	9	9	12	14	11	12	190
	034	3	4	2	2	2	2	5	5	11	10	12	14	14	11	12	201
	035	3	4	2	2	2	2	5	5	11	10	12	14	15	12	23	211
	036	3	4	2	2	2	2	5	5	11	10	12	14	15	12	24	215
	037	3	4	2	2	2	2	5	5	11	10	13	14	15	12	24	218
	038	3	4	2	2	2	2	5	5	11	10	13	14	15	13	24	220
	039	3	4	2	2	2	2	5	5	11	10	13	14	15	13	24	222
	040	3	4	2	2	2	2	5	5	11	10	13	14	15	13	24	223
																224	
Mar.	506												2			2	
	502												1			4	
	501												2			6	
	000												1			7	
	001												1			9	
	002												2			12	
	003												3			16	
	004												2			19	
	005												1			23	
	006												1			31	
	007	1	1	1	1	1	1	1	4	1	2	2	1	1	1	2	37
	008	3	1	1	1	1	1	1	5	6	1	7	3	3	1	1	40
	009	3	3	1	1	1	1	5	7	1	7	3	4	3	1	1	44
	010	3	6	1	1	2	1	5	8	3	7	4	3	3	1	1	50
	011	3	8	1	2	2	1	6	8	4	8	4	3	3	1	1	60
	012	5	8	1	4	2	2	1	7	9	6	9	5	5	3	1	71
	013	5	8	1	4	2	2	1	10	9	7	10	5	5	3	1	77
	014	5	8	3	4	3	2	11	10	7	12	5	6	3	1	1	85
	015	5	9	6	7	3	3	14	12	8	13	8	6	4	1	1	104
	016	6	9	7	8	5	5	16	12	10	16	11	8	4	1	1	123
	017	1	7	9	7	12	6	6	14	12	8	13	10	4	1	1	141
	018	2	8	9	12	7	7	17	16	12	18	13	11	5	1	1	154
	019	3	11	10	9	13	8	9	18	16	13	18	14	13	5	1	170
	020	3	11	10	9	15	9	12	19	17	13	19	15	13	6	2	182
	021	3	11	11	9	17	10	12	21	19	16	19	15	13	6	2	193
	022	3	11	11	11	18	13	14	22	19	16	19	15	13	6	3	203
	023	3	11	11	11	18	13	15	23	19	16	19	15	14	6	3	207
	024	3	12	11	11	18	14	17	23	20	16	19	15	14	6	3	212
	025	3	12	11	11	18	15	17	24	20	16	19	15	14	6	3	214
	026	3	13	12	13	18	15	17	24	20	16	19	16	14	6	3	219
	027	4	14	14	13	20	15	17	25	20	16	19	16	14	6	3	226
	028	5	17	14	14	20	16	17	25	20	16	19	17	14	6	3	233
	029	7	18	15	15	20	18	19	26	22	16	19	17	14	6	3	245
	030	7	18	15	15	20	18	19	26	23	17	19	17	14	6	3	247
	031	7	18	15	15	20	18	19	26	24	17	19	17	14	6	3	248

FREQUENCY ANALYSES
DAVIS 1962

F	Screen Temperature v Dew Point Depression															Total	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	> 14	
Apr. 517																	1
515																	2
514																	3
513																	5
512																	6
511																	9
510																	13
509																	22
508																	32
507																	42
506																	50
505																	62
504																	71
503																	80
502																	85
501																	94
000																	100
001																	106
002																	116
003																	118
004																	123
005																	128
006																	136
007																	141
008																	146
009																	149
010																	154
011																	161
012																	163
013																	167
014																	173
015																	178
016																	180
017																	188
018																	199
019																	205
020																	209
021																	212
022																	220
023																	224
024																	232
025																	239
026																	240
	4	21	24	11	12	7	13	9	21	42	23	13	12	6	13	9	

FREQUENCY ANALYSES
DAVIS 1962

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. 522																	
521																	2
520																	3
519																	6
518																	9
517																	13
516																	19
515																	21
514																	28
513																	36
512																	50
511																	55
510																	64
509																	73
508																	82
507																	95
506																	104
505																	113
504																	124
503																	133
502																	141
501																	150
000																	152
001																	161
002																	165
003																	164
004																	168
005																	172
006																	176
007																	178
008																	183
009																	190
010																	200
011																	208
012																	215
013																	220
014																	228
015																	230
016																	232
017																	235
018																	237
019	1	1	7	9	19	23	28	15	28	22	31	32	16	2	3	4	240
020	1	1	8	9	19	23	28	15	28	22	31	32	16	2	3	5	243
021	1	2	9	9	19	23	28	15	28	22	31	32	16	2	3	6	246
022	1	2	9	9	19	23	28	16	29	22	31	32	16	2	3	6	247
																248	

FREQUENCY ANALYSES
DAVIS 1962

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.	517																2
	516																4
	515																5
	514																6
	513																13
	512																14
	511																21
	510																31
	509																36
	508																44
	507																50
	506																54
	505																62
	504																71
	503																74
	502																76
	501																89
	000																95
	001																101
	002																108
	003																115
	004																121
	005																142
	006																154
	007																164
	008																172
	009																181
	010																187
	011																192
	012																194
	013																198
	014																203
	015																206
	016																208
	017																211
	018																219
	019																225
	020																236
	021																239
	022																240
Jul.	529																1
	528																3
	527																6
	526																8
	525																11
	524																12
	523																16
	522																21
	521																25
	520																29
	519																31
	518																33
	516																35
	515																39
	514																43
	513																47
	512																51
	511																60
	510																70
	509																77
	508																82
	507																90
	506																94
	505																107
	504																118
	503																129
	502																135
	501																149
	000																153
	001																157
	002																160
	003																161
	004																168
	005																182
	006																187
	007																193
	008																198
	009																205
	010																216
	011																220
	012																225
	013																230
	014																235
	015																237
	016																246
	017																248

FREQUENCY ANALYSES
DAVIS
1962

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. 554																	
553																	3
552																	7
551																	11
550																	20
529																	26
528																	34
527																	38
526																	39
525																	44
524																	49
523																	52
522																	54
521																	55
520																	63
518																	69
517																	73
516																	77
515																	79
514																	82
513																	86
512																	92
511																	97
510																	102
509																	109
508																	112
507																	116
506																	124
505																	128
504																	135
503																	140
502																	143
501																	147
000																	156
001																	164
002																	174
003																	176
004																	183
005																	186
006																	191
007																	192
008																	202
009																	207
010																	208
011																	212
012																	214
014																	216
015																	218
017	1	6	7	20	41	9	15	25	19	25	15	18	7	10	1	220	
018	1	6	8	20	41	10	15	25	19	25	15	18	9	10	1	223	
019	1	6	8	20	41	10	15	25	19	25	16	18	10	10	1	225	
020	1	6	8	20	41	10	15	25	19	25	16	19	11	10	1	227	
021	1	6	9	20	42	10	16	25	19	26	16	19	11	11	1	230	
022	1	6	9	20	42	10	17	25	20	27	17	19	11	11	1	234	
023	1	6	9	20	42	10	17	25	20	27	17	19	11	11	1	236	
024	1	6	9	20	42	10	17	25	20	28	17	19	11	11	2	238	
025	1	1	7	9	20	43	10	18	25	21	28	17	19	12	11	2	241
026	1	1	7	9	21	43	10	18	25	21	29	17	19	12	12	2	244
027	1	1	7	9	21	43	10	18	25	21	30	17	19	12	12	2	247
																248	

FREQUENCY ANALYSES
DAVIS 1962

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.	515											1					1
	514											2					4
	513											3	4	4	1		12
	512											5	5	3			17
	511											3	6	5	3		21
	510											5	7	7	9		28
	509											7	7	8	4	1	38
	508											7	7	11	5	1	48
	507											6	9	8	12	5	55
	506											6	8	9	12	6	65
	505											7	13	9	14	14	88
	504											7	14	11	16	14	95
	503											7	14	12	20	16	107
	502											7	14	14	23	22	121
	501											8	14	15	24	23	126
	000											8	15	15	26	27	134
	001											8	16	15	26	31	144
	002											8	16	18	26	32	150
	003											8	16	20	26	32	153
	004											8	16	20	26	33	158
	005											8	17	21	28	35	166
	006											8	17	21	28	35	168
	007											8	17	21	28	35	174
	008											8	18	23	29	36	179
	009											8	19	26	29	38	190
	010											9	20	27	32	39	205
	011											9	22	31	32	39	218
	012											9	23	32	33	41	227
	013											11	23	33	35	43	236
	015											11	23	33	37	43	239
	016											6	11	23	33	37	240
Oct.	517											1					1
	515											2					2
	513											3					3
	511											4					4
	510											7					7
	509											9					9
	508											1					1
	507											1					1
	506											1					1
	505											1					1
	504											1					1
	502											1					1
	501											1					1
	000											1					1
	001											1					1
	002											1					1
	003											1					1
	004											1					1
	005											1					1
	006											1					1
	007											1					1
	008											1					1
	009											1					1
	010											1					1
	011											1					1
	012											1					1
	013											1					1
	014											1					1
	015											1					1
	016											1					1
	017											1					1
	018											1					1
	019											1					1
	020											1					1
	021											1					1
	022											1					1
	023											1					1
	024											1					1
	025											1					1
	026											1					1
	027											1					1

FREQUENCY ANALYSES
DAVIS 1962

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.	012																1
	013																3
	014																7
	015																12
	016																18
	017																31
	018																37
	019																49
	020																70
	021																87
	022																112
	023																137
	024																161
	025																194
	026																204
	027																214
	028																218
	029																230
	030																237
	031																239
	032																240
Dec.	023																1
	025																11
	026																23
	027																40
	028																62
	029																95
	030																131
	031																163
	032																190
	033																207
	034																216
	035																229
	036																232
	037																240
	038																241
	039																242
	040																245
	041																247
	044																248

FREQUENCY ANALYSES
DAVIS 1962

Direction and Speed of Surface Wind								
Direction x 10	Calm	1-9	10-19	20-29	30-39	40-49	≥ 50	Total
Jan. 35 36 01		40	19	0	0	0	0	59
02 03 04	25	33	7	0	0	0	0	65
05 06 07	9	4	0	0	0	0	0	13
08 09 10	6	0	0	0	0	0	0	6
11 12 13	3	0	0	0	0	0	0	3
14 15 16	4	1	0	0	0	0	0	5
17 18 19	7	0	0	0	0	0	0	7
20 21 22	6	0	0	0	0	0	0	6
23 24 25	20	3	0	0	0	0	0	23
26 27 28	6	1	0	0	0	0	0	7
29 30 31	6	0	0	0	0	0	0	6
32 33 34	3	0	0	0	0	0	0	3
	44	135	61	7	0	0	0	247
Feb. 35 36 01		18	14	1	0	0	0	53
02 03 04	17	49	6	5	0	0	0	77
05 06 07	25	10	4	2	1	0	0	40
08 09 10	12	1	0	0	0	0	0	13
11 12 13	7	0	0	0	0	0	0	7
14 15 16	7	1	0	0	0	0	0	8
17 18 19	2	0	0	0	0	0	0	2
20 21 22	3	1	0	0	0	0	0	4
23 24 25	3	1	0	0	0	0	0	4
26 27 28	10	0	0	0	0	0	0	10
29 30 31	1	0	0	0	0	0	0	1
32 33 34	1	1	0	0	0	0	0	2
	23	104	78	11	7	1	0	224
Mar. 35 36 01		5	6	0	0	0	0	11
02 03 04	7	43	20	8	0	0	2	80
05 06 07	26	6	3	3	0	0	0	38
08 09 10	35	3	0	0	0	0	0	36
11 12 13	11	0	0	0	0	0	0	11
14 15 16	4	0	0	0	0	0	0	4
17 18 19	6	1	1	0	0	0	0	8
20 21 22	0	1	0	0	0	0	0	1
23 24 25	1	0	0	0	0	0	0	1
26 27 28	5	0	0	0	0	0	0	5
29 30 31	2	0	0	0	0	0	0	2
32 33 34	3	0	0	0	0	0	0	3
	48	103	60	24	11	0	2	248
Apr. 35 36 01		0	0	0	0	0	0	0
02 03 04	5	6	15	7	3	0	0	36
05 06 07	12	10	5	3	2	0	0	32
08 09 10	26	4	1	2	0	0	0	33
11 12 13	22	2	1	0	0	0	0	25
14 15 16	14	1	0	0	0	0	0	15
17 18 19	8	1	0	0	0	0	0	9
20 21 22	10	2	0	0	0	0	0	12
23 24 25	1	0	0	0	0	0	0	1
26 27 28	7	1	0	0	0	0	0	8
29 30 31	7	2	0	0	0	0	0	9
32 33 34	1	0	0	0	0	0	0	1
	59	113	29	22	12	5	0	240

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Direction and Speed of Surface Wind

Direction × 10	Calm	1-9	10-19	20-29	30-39	40-49	≥ 50	Total
May. 35 36 01		2	0	0	0	0	0	2
02 03 04	5	9	7	2	1	1	25	
05 06 07	20	10	10	4	0	1	45	
08 09 10	44	12	0	0	1	0	57	
11 12 13	28	7	0	0	0	0	35	
14 15 16	12	11	0	0	0	0	23	
17 18 19	2	1	0	0	0	0	3	
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	1	0	0	0	0	0	1	
	56	114	50	17	6	3	2	248
Jun. 35 36 01		1	0	0	0	0	0	1
02 03 04	8	14	6	1	0	0	29	
05 06 07	15	10	8	0	0	0	33	
08 09 10	63	16	2	0	0	0	81	
11 12 13	37	4	1	0	0	0	42	
14 15 16	3	0	0	0	0	0	3	
17 18 19	4	0	0	0	0	0	4	
20 21 22	1	0	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	1	0	0	0	0	0	1	
32 33 34	0	0	0	0	0	0	0	45
	45	133	44	17	1	0	0	240
Jul. 35 36 01		0	0	0	0	0	0	0
02 03 04	8	13	12	1	0	0	34	
05 06 07	21	11	6	3	0	0	41	
08 09 10	28	7	0	1	0	0	36	
11 12 13	26	4	2	0	0	0	32	
14 15 16	5	1	0	0	0	0	6	
17 18 19	4	0	0	0	0	0	4	
20 21 22	0	0	0	0	0	0	0	
23 24 25	0	0	0	0	0	0	0	
26 27 28	6	1	0	0	0	0	7	
29 30 31	0	0	0	0	0	0	0	
32 33 34	0	0	0	0	0	0	0	88
	88	98	57	20	5	0	0	248
Aug. 35 36 01		0	1	0	0	0	0	1
02 03 04	3	8	8	5	0	1	25	
05 06 07	11	11	10	11	3	2	48	
08 09 10	30	15	2	1	0	0	46	
11 12 13	15	2	0	0	0	0	17	
14 15 16	2	1	0	0	0	0	3	
17 18 19	6	1	0	0	0	0	7	
20 21 22	11	1	0	0	0	0	12	
23 24 25	2	2	0	0	0	0	4	
26 27 28	4	4	0	0	0	0	8	
29 30 31	0	0	0	0	0	0	0	
32 33 34	0	0	0	0	0	0	0	77
	77	84	44	20	17	3	3	248

FREQUENCY ANALYSES
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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		1	1	0	0	0	0	2
02 03 04	7	3	5	2	0	0	0	17
05 06 07	16	3	4	0	0	0	0	23
08 09 10	39	3	0	0	0	0	0	42
11 12 13	20	11	0	0	0	0	0	31
14 15 16	12	0	0	0	0	0	0	12
17 18 19	6	0	0	0	0	0	0	6
20 21 22	7	0	0	0	0	0	0	7
23 24 25	10	0	0	0	0	0	0	10
26 27 28	6	1	0	0	0	0	0	7
29 30 31	0	0	0	0	0	0	0	0
32 33 34	0	0	0	0	0	0	0	83
	83	124	22	9	2	0	0	240
Oct. 35 36 01		11	1	1	0	0	0	13
02 03 04	20	21	3	1	0	0	0	45
05 06 07	11	18	18	7	3	0	0	57
08 09 10	26	0	1	0	0	0	0	27
11 12 13	12	1	0	0	0	0	0	13
14 15 16	6	0	0	0	0	0	0	6
17 18 19	6	0	0	0	0	0	0	6
20 21 22	9	1	0	0	0	0	0	10
23 24 25	6	4	0	0	0	0	0	10
26 27 28	6	1	0	0	0	0	0	7
29 30 31	1	0	0	0	0	0	0	1
32 33 34	1	0	0	0	0	0	0	52
	52	115	47	23	8	3	0	248
Nov. 35 36 01		17	4	0	0	0	0	21
02 03 04	15	33	20	1	0	0	0	69
05 06 07	10	21	11	3	0	0	0	45
08 09 10	6	2	0	1	0	0	0	9
11 12 13	4	1	0	0	0	0	0	5
14 15 16	5	4	0	0	0	0	0	9
17 18 19	5	0	0	0	0	0	0	5
20 21 22	4	2	0	0	0	0	0	6
23 24 25	4	6	0	0	0	0	0	10
26 27 28	16	7	0	0	0	0	0	23
29 30 31	3	0	0	0	0	0	0	3
32 33 34	4	1	0	0	0	0	0	5
	30	93	81	31	5	0	0	240
Dec. 35 36 01		10	4	0	0	0	0	14
02 03 04	20	29	11	6	0	0	0	66
05 06 07	11	29	13	3	1	0	0	57
08 09 10	5	21	6	0	0	0	0	32
11 12 13	6	1	0	0	0	0	0	7
14 15 16	1	1	0	0	0	0	0	2
17 18 19	0	0	0	0	0	0	0	0
20 21 22	3	0	0	0	0	0	0	3
23 24 25	3	7	0	0	0	0	0	10
26 27 28	17	7	0	0	0	0	0	24
29 30 31	4	1	0	0	0	0	0	5
32 33 34	3	0	0	0	0	0	0	3
	25	83	100	30	9	1	0	248

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Results of Radiosonde Observations.

Temperature at 850 mb

Upper Limit Range - C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
536								1					
533								5					1
530							4	7					6
527							7	10	2				11
524							14	15	9				26
521							17	13	19	19	16	6	59
518							14	25	26	25	29	16	102
515							28	22	31	28	30	24	159
512	8	10	24	26	30	26	31	29	30	30	23	8	203
509	30	24	30	28	31	28	31	30	30	31	30	27	272
506	31	28	31	29	31	30	31	31	30	31	30	27	350
503	31	28	31	29	31	30	31	31	30	31	30	31	364
000	31	28	31	30	31	30	31	31	30	31	30	31	364
													365

Temperature at 700 mb

536							1						1
533							1	1					3
530							1	4	4	3	2		15
527							6	3	14	15	8	7	54
524		1	7	9	17	10	27	25	19	18	7	1	140
521	10	8	23	21	28	14	30	29	30	27	19	4	243
518	28	14	31	28	31	20	31	31	30	31	26	20	320
515	31	22	31	29	31	28	31	31	30	31	29	28	352
512	31	28	31	29	31	29	31	31	30	31	30	30	362
509	31	28	31	30	31	30	31	31	30	31	30	30	364
506	31	28	31	30	31	30	31	31	30	31	30	31	365

Temperature at 500 mb

548	1						4	1	1	1			1
545	1						1	1	1	1			8
542	1	4	1	8	5	17	17	8	9	2			72
539	1	9	4	14	8	26	28	20	18	4			132
536	8	5	22	19	23	13	31	30	25	25	11	3	215
533	23	15	25	27	30	16	31	30	30	28	20	10	285
530	29	22	31	28	30	24	31	31	30	29	28	25	337
527	31	25	31	28	30	26	31	31	30	29	28	28	351
524	31	28	31	30	31	29	31	31	30	30	30	29	361
521	31	28	31	30	31	30	31	31	30	30	30	30	363
518	31	28	31	30	31	30	31	31	30	30	30	30	363
515	31	28	31	30	31	30	31	31	30	30	30	30	363
512	31	28	31	30	31	30	31	31	30	30	30	31	364
509	31	28	31	30	31	30	31	31	30	30	30	31	364
													365

Temperature at 300 mb

569							1						1
566							1	1	4	6			12
563							1	2	17	20	7	5	55
560							4	15	13	29	20	24	135
557	4	2	5	13	25	22	31	30	27	29	10	6	204
554	24	11	16	24	30	28	31	30	30	31	22	21	298
551	29	20	25	29	31	29	31	30	30	31	27	26	330
548	31	24	29	29	31	29	31	30	30	31	30	27	352
545	31	27	29	30	31	29	31	30	30	31	30	29	358
542	31	28	30	30	31	29	31	30	30	31	30	31	362
539	31	28	31	30	31	29	31	30	30	31	30	31	363

FREQUENCY ANALYSES
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Upper Limit Range - C	Temperature at 200 mb												Total
	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	
581								1					1
578								2	1				3
575								6	4				12
572								6	9	15	9	2	41
569								10	26	28	23	10	97
566								1	22	30	30	22	135
563								6	24	31	30	27	149
560								13	28	31	30	31	167
557	1		4		24	28	31	30	30	30	31	6	185
554	1		10	28	28	31	30	30	30	31	11	2	202
551	1	3	20	30	28	31	30	30	30	31	16	8	228
548	7	8	4	26	31	28	31	30	30	31	24	16	266
545	31	20	23	29	31	28	31	30	30	31	30	26	340
542	31	27	27	29	31	28	31	30	30	31	30	30	355
539	31	27	29	29	31	28	31	30	30	31	30	31	358
536	31	27	29	30	31	28	31	30	30	31	30	31	359
Temperature at 150 mb													
584									1				1
581								3	2				2
578								1	3	11	5		5
575								2	17	19	15	1	20
572								9	27	26	28	8	54
569								2	19	31	27	19	98
566								7	23	31	27	25	127
563								18	24	31	27	30	142
560								5	25	26	27	29	162
557								14	28	26	31	27	178
554								3	25	26	31	4	191
551	1	20	30	30	26	31	27	27	29	31	8	203	
548	3	6	27	30	26	31	27	27	29	31	12	222	
545	23	19	23	29	30	26	31	27	29	31	22	13	303
542	31	26	28	29	30	26	31	27	29	31	30	27	345
539	31	26	28	30	30	26	31	27	29	31	30	31	350
Temperature at 100 mb													
578									2	1			5
575								4	4	6	6		20
572								8	9	8	11		36
569								1	14	11	10	18	1
566								5	16	13	10	21	55
563								14	17	13	10	21	76
560								3	22	20	13	21	95
557								9	25	20	13	21	111
554								16	26	20	13	21	126
551	1	24	26	26	20	13	10	10	21	27	4	137	
548	7	28	26	26	20	13	10	10	21	29	4	148	
545	10	21	28	26	20	13	10	10	21	30	5	160	
542	25	25	26	26	20	13	10	10	21	30	7	186	
539	30	25	26	26	26	20	13	10	21	30	12	9	245
536	30	25	26	28	26	20	13	10	21	30	21	27	277
											30	29	286
Temperature at Tropopause													
584									1				1
581									1	2			3
578									1	2			3
575									1	3	3		8
572								1	6	8	13	9	39
569								1	10	20	20	19	81
566								2	21	29	20	1	129
563								2	21	29	29	3	158
560	1	4	1	11	23	26	30	29	30	29	29	10	201
557	8	8	9	19	28	27	30	29	30	31	16	20	255
554	28	15	21	27	31	27	30	29	30	31	26	26	321
551	30	20	27	28	31	27	30	29	30	31	28	27	338
548	31	24	29	28	31	27	30	29	30	31	30	29	349
545	31	26	29	29	31	27	30	29	30	31	30	31	354
542	31	26	29	29	31	27	30	29	30	31	30	31	354
539	31	26	30	29	31	27	30	29	30	31	30	31	355

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Upper Limit Range gpDm	Geopotential at 850 mb												Total
	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	
090			1					5		1			1
095			1							4			7
100	1	1	1		1		3	10		2		2	21
105	1	1	3	2	1	3	11	15	6	15	2	2	62
110	5	5	9	14	10	6	24	28	19	21	5	3	149
115	12	11	21	24	19	9	29	31	25	30	10	14	235
120	21	21	28	29	25	14	30	31	29	31	21	25	305
125	31	28	31	30	30	18	30	31	30	31	26	30	346
130	31	28	31	30	31	20	31	31	30	31	30	31	355
135	31	28	31	30	31	26	31	31	30	31	30	31	361
140	31	28	31	30	31	30	31	31	30	31	30	31	365
Geopotential at 700 mb													
230								2					1
235													1
240			1	1	2	2	12	15	3	6			3
245			1	1	8	6	17	24	16	18	1		43
250	1	1	3	9	17	14	8	28	31	24	23	6	99
255	1	3	9	17	14	8	28	31	24	23	6	2	166
260	10	8	21	25	22	12	30	31	28	31	9	10	237
265	17	17	28	29	28	14	30	31	30	31	19	19	293
270	30	25	31	30	30	17	31	31	30	31	27	27	340
275	31	28	31	30	31	22	31	31	30	31	28	30	354
280	31	28	31	30	31	25	31	31	30	31	30	30	359
285	31	28	31	30	31	28	31	31	30	31	30	31	363
290	31	28	31	30	31	30	31	31	30	31	30	31	365
Geopotential at 500 mb													
470							1	1	2				3
475							1	7	5				13
480					2	3	10	13	1	4			33
485			1	1	3	5	16	24	8	12	1		71
490			5	6	11	5	25	30	19	20	1		122
495	1	1	13	13	16	8	29	31	25	24	6	1	168
500	6	5	23	23	24	11	30	31	29	28	9	4	223
505	12	12	28	27	29	14	30	31	30	31	19	11	274
510	25	21	31	28	31	15	31	31	30	31	22	21	317
515	51	24	31	28	31	19	31	31	30	31	27	26	340
520	31	25	31	29	31	21	31	31	30	31	29	29	349
525	31	28	31	29	31	24	31	31	30	31	30	30	357
530	31	28	31	30	31	27	31	31	30	31	30	30	361
535	31	28	31	30	31	29	31	31	30	31	30	30	363
540	31	28	31	30	31	29	31	31	30	31	30	31	364
545	31	28	31	30	31	30	31	31	30	31	30	31	365

FREQUENCY ANALYSES
DAVIS 1962

Upper Limit Range gpDm	Geopotential at 300 mb												Total
	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	
790									1				1
800								5					9
810					2	2	10	16	2	4			36
820				2	4	5	24	27	13	18	1		94
830			8	10	15	10	28	30	24	25	3		153
840	4	4	24	25	27	11	29	30	29	29	10	4	226
850	23	14	30	28	31	15	30	30	30	31	22	15	299
860	31	23	31	29	31	21	30	30	30	31	26	25	338
870	31	25	31	29	31	25	30	30	30	31	30	29	352
880	31	28	31	30	31	26	30	30	30	31	30	30	358
890	31	28	31	30	31	29	31	30	30	31	30	30	362
900	31	28	31	30	31	29	31	30	30	31	30	30	362
910	31	28	31	30	31	29	31	30	30	31	30	31	363
Geopotential at 200 mb													
1040								3	2				5
1050								9	13	1			23
1060					1	3	19	26	10	6			65
1070				3	8	28	29	19	19				107
1080			3	12	11	29	30	26	28	3			142
1090			2	15	25	11	30	30	30	29	6		178
1100			14	22	30	17	31	30	30	31	10	2	217
1110	17	7	26	28	31	21	31	30	30	31	22	14	288
1120	31	20	29	29	31	22	31	30	30	31	25	24	335
1130	31	25	29	29	31	25	31	30	30	31	29	27	348
1140	31	27	29	29	31	28	31	31	30	31	30	30	357
1150	31	27	29	30	31	28	31	30	30	31	30	30	358
1160	31	27	29	30	31	28	31	30	30	31	30	30	358
1170	31	27	29	30	31	28	31	30	30	31	30	31	359
Geopotential at 150 mb													
1200								1					1
1210						3	3						6
1220						8	14	1					23
1230					3	21	25	8	4				61
1240				1	6	27	27	18	17				96
1250				4	9	29	27	26	25				121
1260			1	16	11	30	27	29	29	2			145
1270			9	25	15	31	27	29	31	5			172
1280		2	15	29	18	31	27	29	31	8			190
1290		12	26	30	20	31	27	29	31	12	2		220
1300	14	4	24	29	30	22	31	27	29	31	22	10	275
1310	29	19	28	29	30	26	31	27	29	31	25	24	328
1320	31	26	28	29	30	26	31	27	29	31	29	26	343
1330	31	26	28	29	30	26	31	27	29	31	30	30	348
1340	31	26	28	29	30	26	31	27	29	31	30	30	348
1350	31	26	28	30	30	26	31	27	29	31	30	30	349
1360	31	26	28	30	30	26	31	27	29	31	30	31	350

FREQUENCY ANALYSES
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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							2	6	1				2
1460						3	7	9	7				10
1470						2	7	10	17	9			25
1480						3	8	10	19	16			47
1490					1	6	12	10	19	16			64
1500					5	9	12	10	21	25			82
1510					13	11	13	10	21	28	2		98
1520				2	20	14	13	10	21	30	4		114
1530			10	23	14	13	10	21	30	4			125
1540			15	25	17	15	10	21	30	6			137
1550		4	23	26	18	13	10	21	30	9			154
1560		11	28	26	20	13	10	21	30	10			169
1570	11	2	22	28	26	20	13	10	21	30	20	7	210
1580	28	18	26	28	26	20	13	10	21	30	24	18	262
1590	30	25	26	28	26	20	13	10	21	30	26	23	278
1600	30	25	26	28	26	20	13	10	21	30	29	26	284
1610	30	25	26	28	26	20	13	10	21	30	29	27	285
1620	30	25	26	28	26	20	13	10	21	30	29	27	285
1630	30	25	26	28	26	20	13	10	21	30	29	28	286

Geopotential at Tropopause

650		1	1										2
700	1	2	1										4
750	1	4	6	2	4								19
800	6	10	16	5	4		2						50
850	21	16	27	14	15	1	2	3		1	2	1	123
900	29	19	29	25	22	4	6	9	3	6	19	18	189
950	31	24	30	27	26	7	19	16	9	18	23	24	254
1000	31	24	30	29	30	13	23	22	13	26	27	29	297
1050	31	25	30	29	31	19	27	27	16	29	29	30	323
1100	31	26	30	29	31	25	30	29	25	31	29	31	347
1150	31	26	30	29	31	26	30	29	26	31	30	31	350
1200	31	26	30	29	31	27	30	29	28	31	30	31	353
1250	31	26	30	29	31	27	30	29	30	31	30	31	355

Pressure at Tropopause

150								1					1
200													29
250			2		3	4	4	4	14	2	1		121
300	16	12	11	23	26	27	30	29	30	30	6	5	285
350	30	22	28	27	31	27	30	29	30	30	27	24	343
400	31	25	29	29	31	27	30	29	30	30	29	30	353
450	31	26	29	29	31	27	30	29	30	31	30	31	354
500	31	26	30	29	31	27	30	29	30	31	30	31	355

FREQUENCY ANALYSES
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Station Level Pressure													
Upper Limit Range - mb	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
955						1		5					6
960						3		10					13
965						4	1	14	3	3	3		28
970						11	25	6	18	15	7	13	71
975						17	68	22	56	52	13	27	133
980	6	2	8	14	45	13	38	36	18	16	41		221
985	20	19	6	20	47	38	99	49	77	65	72	101	8
990	35	64	35	47								147	404
995	85	94	57	73	71	125	74	122	100	91	147	29	695
1000	131	111	102	114	104	160	116	153	138	119	188	70	1506
1005	169	145	149	166	150	200	147	179	186	172	221	140	2024
1010	188	176	196	195	182	228	172	198	223	213	252	198	2401
1015	221	199	216	220	207	237	201	221	240	240	240	239	2681
1020	237	224	233	238	242	240	215	230	240	248	240	248	2835
1025	248	224	248	240	248	240	223	239	240	248	240	248	2886
1030	248	224	248	240	248	240	240	248	240	248	240	248	2912
1035	248	224	248	240	248	240	248	248	240	248	240	248	2920
Upper Limit Range - F													
Maximum Temperature													
36						1	2	2					5
37						2	3	5	2				12
38						1	4	4	6	3	1		19
39						1	3	6	7	10	4	3	36
40						1	6	8	9	15	5	5	51
41						3	8	12	14	16	13	9	77
42	1	5	12	14	20	22	22	22	13	13	4		113
43	1	3	9	17	16	27	27	28	21	11	2		162
44	3	1	3	15	23	24	31	29	29	26	18	6	208
45	9	1	5	20	31	26	31	31	29	27	22	10	242
46	15	7	13	24	31	29	31	31	30	30	24	17	282
47	22	9	21	28	31	30	31	31	30	30	30	26	319
48	27	13	24	30	31	30	31	31	30	31	30	29	337
49	31	22	30	30	31	30	31	31	30	31	30	31	358
50	31	25	31	30	31	30	31	31	30	31	30	31	362
51	31	28	31	30	31	30	31	31	30	31	30	31	365
Minimum Temperature													
27						1	1	1					2
28						2	1	1					4
29						2	2	1					5
30						2	3	4	2				11
31						1	3	4	5	4			18
32						1	1	3	7	8	6	1	28
33						2	1	6	10	11	9	1	45
34						5	3	10	12	15	12	7	67
35						8	6	14	17	20	19	14	102
36	3	1	9	10	17	22	22	20	16	16	9	3	132
37	5	2	11	15	19	22	26	21	21	14	8		164
38	9	3	7	21	19	23	27	28	24	24	20	11	206
39	13	7	11	18	21	25	30	29	29	28	25	16	252
40	17	10	13	22	23	26	30	30	30	28	26	18	273
41	20	13	21	26	25	29	31	31	30	31	28	26	311
42	28	17	24	27	29	30	31	31	30	31	29	29	336
43	30	18	27	27	31	30	31	31	30	31	29	31	346
44	31	24	29	29	31	30	31	31	30	31	30	31	358
45	31	26	30	30	31	30	31	31	30	31	30	31	362
46	31	28	31	30	31	30	31	31	30	31	30	31	365

FREQUENCY ANALYSES
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Upper Limit Range - F	Terrestrial Minimum Temperature												Total
	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	
21					1	1					1		1
22					2	1	1	1	1	1	1		3
23					2	2	1	1	1	1	1		7
24					2	2	2	1	2	1	3		8
25					2	2	2	1	2	1	3		11
26					1	3	3	3	2	1	3	1	17
27					2	1	3	6	5	1	5	1	28
28					2	1	4	7	8	5	2	5	35
29					3	3	7	12	9	8	5	6	55
30					1	7	6	10	15	14	12	7	43
31					5	12	7	14	18	17	19	8	121
32	2				5	12	12	15	21	20	19	17	1456
33	2	1	6	16	15	19	23	22	21	20	21	14	180
34	5	4	8	17	16	21	24	24	22	22	22	15	200
35	6	5	11	19	17	23	25	28	22	25	26	17	224
36	8	5	15	22	21	24	28	29	25	27	27	19	250
37	12	11	18	25	21	28	29	30	29	29	29	24	285
38	15	11	22	27	23	29	30	31	30	30	29	27	304
39	17	14	24	27	26	30	31	31	30	31	30	30	321
40	21	17	25	27	27	30	31	31	30	31	30	31	331
41	30	19	28	27	30	30	31	31	30	31	30	31	348
42	31	23	28	30	31	30	31	31	30	31	30	31	357
43	31	26	29	30	31	30	31	31	30	31	30	31	361
44	31	26	31	30	31	30	31	31	30	31	30	31	363
45	31	28	31	30	31	30	31	31	30	31	30	31	365
Upper Limit Range - Knots	Speed of Maximum Wind Gust												
20	2	2	4	2	1	4	1	1	1	1	2		19
30	6	12	10	4	13	10	4	1	7	9	8	10	94
40	21	24	21	13	23	17	13	8	18	19	21	24	222
50	27	28	27	26	27	25	25	23	26	28	27	30	319
60	31	28	31	30	30	27	30	27	29	31	30	31	354
70	31	28	31	30	31	29	31	30	30	31	30	31	363
80	31	28	31	30	31	30	31	30	30	31	30	31	364
90	31	28	31	30	31	30	31	31	30	31	30	31	365
Upper Limit Range - Points	Daily Amount of Precipitation												
0.00	2	2	3	2	1	1	2	3	9	5	5		35
0.05	16	15	17	8	19	9	15	14	16	23	13	17	182
0.10	22	21	21	24	26	15	20	22	22	26	19	21	259
0.20	27	25	25	26	29	23	27	25	28	29	24	27	317
0.30	30	26	30	29	30	27	28	26	29	30	26	30	345
0.40	30	26	31	29	31	28	28	30	29	30	28	30	351
0.50	30	26	31	29	31	29	29	31	29	30	30	30	355
0.60	31	28	31	29	31	29	29	30	31	31	30	31	362
0.70	31	28	31	29	31	29	30	31	30	31	30	31	362
0.80	31	28	31	29	31	29	30	31	30	31	30	31	362
0.90	31	28	31	30	31	30	30	31	30	31	30	31	362
1.00	31	28	31	30	31	31	30	30	31	31	30	31	364
1.10	31	28	31	30	31	31	30	31	31	31	30	31	365

FREQUENCY ANALYSES
MACQUARIE ISLAND 1962

Screen Temperature v Dew Point Depression

F	Dew Point Depression														Total	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Jan. 37																1
38																2
39																4
40																14
41	2	3	6	5	1	8	5	4	3	3	2	1	1	1		42
42	4	5	9	7	2	14	6	4	4	4	3	2	1	1		62
43	11	8	14	12	7	18	7	6	7	4	5	4	1	1		105
44	17	19	20	12	10	25	11	9	7	4	8	5	2	2		151
45	25	26	27	14	12	31	12	12	11	5	5	10	5	2		194
46	33	30	34	14	12	34	12	13	11	6	11	5	2	2		219
47	42	32	37	18	12	34	12	13	13	6	12	5	2	2		240
48	44	32	41	18	13	34	12	13	13	6	12	5	2	2		247
49	44	32	41	18	13	34	13	13	13	6	12	5	2	2		248
Feb. 38																1
39																3
40																6
41		1	1	4												20
42		4	1	1	9	3	1	5	3	1	2	2	1	1		33
43	3	8	4	2	10	4	1	9	4	1	2	4	1	1		53
44	7	3	8	5	5	18	6	5	9	4	1	2	4	2	1	78
45	18	6	11	8	6	22	8	4	10	4	2	2	4	2	1	108
46	31	9	18	8	8	28	10	8	10	4	2	2	4	2	1	145
47	49	18	50	8	10	28	10	9	11	4	2	2	4	2	1	188
48	56	21	34	12	11	28	10	10	11	5	2	2	4	2	1	209
49	57	23	37	14	13	28	10	10	11	5	2	2	4	2	1	219
50	58	23	38	14	15	28	10	10	11	5	2	2	4	2	1	223
51	58	23	38	14	15	28	10	11	11	5	2	2	4	2	1	224
Mar. 38																4
39	1	1	1	1												12
40	2	1	2	1	5	1	4	5	3	1	1	1	1	1		25
41	2	1	2	3	1	10	2	4	7	3	1	2	3	1		42
42	3	1	3	4	2	14	2	4	12	3	1	3	4	1		57
43	4	4	11	6	6	16	5	6	15	3	2	3	4	1		89
44	5	8	20	18	11	23	7	11	16	4	3	5	4	1		134
45	18	20	28	23	12	29	8	16	18	4	3	4	4	1		188
46	23	26	33	26	12	31	8	19	19	4	4	4	4	1		214
47	30	29	37	28	18	31	9	21	19	4	4	4	4	1		239
48	31	31	40	28	18	31	10	21	19	4	4	4	4	1		246
49	31	32	40	28	19	31	10	21	19	4	4	4	4	1		248
Apr. 32																1
35	1	1	1	2	1	2	1	2	2	1	1	2	1	1		7
36	2	1	1	3	2	4	2	4	1	1	2	1	1	1		12
37	2	2	4	2	4	2	4	2	4	1	2	1	2	1		23
38	2	2	6	1	6	2	2	7	1	1	2	2	2	2		36
39	3	4	9	2	8	3	2	7	2	1	2	4	2	2		47
40	3	5	17	3	12	4	2	8	3	1	2	2	2	2		68
41	3	8	20	4	18	4	2	12	5	1	3	4	2	2		89
42	2	3	12	22	10	24	7	2	17	5	1	3	4	2		118
43	11	12	25	25	14	30	9	3	17	5	1	3	4	2		165
44	24	16	30	25	14	31	11	3	17	5	1	3	4	2		190
45	43	21	31	26	16	32	11	3	17	5	1	3	4	2		219
46	47	23	36	27	16	32	11	4	18	5	1	3	4	2		233
47	52	24	37	27	16	32	11	4	18	5	1	3	4	2		240

FREQUENCY ANALYSES
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Screen Temperature v Dew Point Depression

Dew Point Depression

	F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	> 14	Total
May.	35	3																3
	36	4	2	2	2	1		1										10
	37	8	2	4	8	3	2	1										28
	38	15	3	7	15	7	6	1	4	5								65
	39	22	4	21	15	9	8	4	6	6	6							97
	40	27	4	25	17	9	9	4	6	9	9	1	3					114
	41	37	10	31	18	15	13	5	5	5	9	1	3					148
	42	55	14	33	20	15	13	5	6	9	1	3						174
	43	72	25	36	21	15	13	5	6	9	1	3						206
	44	95	26	41	22	15	13	5	6	9	1	3						236
	45	104	28	42	22	15	13	5	6	9	1	3						248
Jun.	28																	2
	29																	4
	30																	7
	32																	9
	33																	11
	34	1	2	1	4	3	3	8										22
	35	4	3	5	7	3	5	9										36
	36	8	4	5	11	4	6	10										49
	37	11	5	8	16	5	9	12	1	1								70
	38	19	6	9	19	9	10	13	2	2								91
	39	26	11	15	22	9	14	14	3	4	1	1	3	1				124
	40	36	14	17	22	9	15	15	5	4	2	1	3	1				144
	41	49	16	18	24	11	18	15	6	4	2	1	3	1				168
	42	63	22	18	24	14	19	15	6	5	3	1	3	1				194
	43	77	28	22	25	14	21	15	6	5	3	1	3	1				221
	44	83	30	24	27	14	21	15	6	5	3	1	3	1				233
	45	86	30	28	27	14	21	15	6	5	3	1	3	1				240
Jul.	29																	2
	30																	8
	31																	9
	32	1	1	2	1	3	2	1	1	1								13
	33	1	1	2	1	3	2	2	2	2								16
	34	3	1	3	2	4	3	2	5	2	1							26
	35	3	1	4	8	6	4	6	4	4	2	1						43
	36	6	2	5	10	9	7	8	4	4	2	1	1	1				63
	37	10	5	8	13	12	13	15	7	5	3	1	2	1	2	1		96
	38	17	10	11	17	16	15	15	7	5	4	1	2	1	2	1		124
	39	23	13	15	17	18	19	17	9	8	4	1	4	1	2	1		152
	40	28	23	23	17	21	19	17	9	8	5	2	5	1	2	1		181
	41	48	25	26	20	23	19	17	9	8	6	2	5	1	2	1		212
	42	57	30	30	22	24	19	17	9	8	6	2	5	1	2	1		233
	43	63	35	32	22	24	19	17	9	8	6	2	5	1	2	1		246
	44	64	36	32	22	24	19	17	9	8	6	2	5	1	2	1		248
Aug.	30																	1
	31	1		1		1												2
	32	2		2		1												11
	33	5	1	2	5	3		2	1	1	4	1	1					26
	34	6	2	3	7	3		4	4	1	4	1	1					36
	35	7	3	8	10	3	3	10	5	1	7	1	2					60
	36	7	3	10	16	5	6	12	7	5	8	1	2					82
	37	9	5	11	21	7	9	12	8	6	8	1	2					100
	38	10	7	13	28	9	13	14	10	8	8	1	2					124
	39	13	12	28	29	10	14	14	12	9	8	1	2					153
	40	21	16	38	32	11	16	15	12	9	8	1	2					182
	41	37	24	42	34	15	17	15	12	9	8	1	2					217
	42	43	26	47	34	15	17	15	12	9	8	1	2					230
	43	51	28	48	34	15	17	15	12	9	8	1	2					241
	44	52	31	51	34	15	17	15	12	9	8	1	2					248

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Screen Temperature v Dew Point Depression

Dew Point Depression

F	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	> 14	Total
Sep.	30							1		1							1
31								1		1							3
32	1			2		1	1	1		1							6
33	1			2	1	1	1	1		1							7
34	2			5	2	1	1	1		1							13
35	5	3	1	12	3	2	3	1		1	2	3					36
36	8	4	3	15	4	3	6	3		1	4	4	4				57
37	12	4	4	26	6	6	7	6		1	4	4	4				86
38	15	5	4	31	8	9	9	7		2	4	4	4				105
39	27	13	11	33	8	10	11	8		5	5	6	4				143
40	44	19	15	34	8	12	12	5		5	5	5	4				174
41	73	27	17	34	8	12	15	8		5	5	6	5				216
42	88	31	17	35	8	12	15	8		5	5	6	5				236
43	90	31	18	35	8	12	13	8		5	6	6	5				239
45	90	31	18	35	9	12	13	8		5	6	6	5				240
Oct.	33	1						1	1	1	2	8	1	1	1	1	3
34	1							2	2	1	1	1	1	1	1	1	4
35	1				1	2	6	5	10	4	3	1	3	1	1	1	16
36	1	1	1	2	1	5	6	6	16	6	3	1	5	2	1	1	38
37	3	1	1	2	1	5	6	9	7	16	6	6	1	6	2	1	58
38	4	4	3	5	5	6	9	7	16	6	6	1	6	2	1	1	81
39	8	6	6	9	6	9	13	10	16	7	10	1	1	6	3	1	111
40	15	12	12	10	8	10	14	11	17	8	10	2	6	3	1	1	159
41	22	19	15	13	13	14	14	16	12	20	8	11	4	6	3	1	177
42	31	27	21	17	13	16	16	19	13	20	8	11	4	6	3	1	210
43	33	37	28	17	14	17	19	15	20	9	11	4	6	3	1	1	232
44	33	38	32	17	16	19	19	13	20	9	11	4	6	3	1	1	241
45	34	41	35	17	16	19	19	13	20	9	11	4	6	3	1	1	248
Nov.	33						1		1								1
34							1	1	2								2
35							1	1	3								4
36				2		1	1	3									7
37		6	2	5	2	4		1									20
38	1	1	6	5	5	4	6	2	1	1	1	2	1				34
39	2	6	15	6	5	5	6	2	3	2	1	3	1				56
40	6	7	23	9	9	7	7	3	4	2	1	3	1	1	1	1	83
41	10	24	34	12	13	10	11	3	5	2	1	3	1	1	1	1	132
42	11	26	44	17	14	16	13	5	7	2	2	2	3	1	1	1	164
43	16	32	49	23	16	19	14	7	9	2	2	4	1	2	1	1	197
44	20	36	52	23	16	21	15	8	9	2	2	4	1	2	1	1	212
45	26	38	59	24	16	22	17	9	9	2	2	4	1	2	1	1	232
46	26	42	61	24	16	23	17	9	9	2	2	4	1	2	1	1	239
47	26	42	61	24	17	23	17	9	9	2	2	4	1	2	1	1	240
Dec.	39						1	1	2								4
40				1	2	2	2	1	4	1							11
41		5	2	2	5	8	1	2	13	1							39
42	16	3	11	2	6	18	1	3	14	1							81
43	36	5	21	3	9	23	5	3	16	2							128
44	52	7	31	4	9	24	6	6	17	2							163
45	62	12	43	8	9	28	8	6	18	2							221
46	90	16	50	8	10	30	8	6	18	2							244
47	91	16	51	8	11	30	8	6	19	2							247
48	91	16	51	8	11	30	9	6	18	2							248

FREQUENCY ANALYSES
MACQUARIE ISLAND 1962

		Direction and Speed of Surface Wind						Total
Direction x 10	Calm	1-9	10-19	20-29	30-39	40-49	≥ 50	
Jan. 35 36 01		1	3	5	0	0	0	9
02 03 04	1	0	1	0	0	0	0	2
05 06 07	0	0	0	0	0	0	0	0
08 09 10	1	0	0	0	0	0	0	1
11 12 13	3	3	0	0	0	0	0	6
14 15 16	1	2	0	0	0	0	0	3
17 18 19	2	2	0	0	0	0	0	4
20 21 22	1	0	0	0	0	0	0	1
23 24 25	1	3	0	0	0	0	0	4
26 27 28	5	27	20	3	0	0	0	55
29 30 31	15	34	28	8	2	0	0	87
32 33 34	5	29	31	8	1	0	0	74
	2	36	103	85	19	5	0	248
Feb. 35 36 01		4	10	2	0	0	0	16
02 03 04	1	3	1	0	0	0	0	5
05 06 07	0	0	0	0	0	0	0	0
08 09 10	0	0	0	0	0	0	0	0
11 12 13	1	1	0	0	0	0	0	2
14 15 16	1	1	0	0	0	0	0	7
17 18 19	3	4	0	0	0	0	0	3
20 21 22	0	3	0	0	0	0	0	2
23 24 25	0	2	0	0	0	0	0	9
26 27 28	4	5	0	0	0	0	0	42
29 30 31	8	21	13	0	0	0	0	66
32 33 34	7	37	19	3	0	0	0	69
	6	34	29	0	0	0	0	3
	3	34	120	64	3	0	0	224
Mar. 35 36 01		13	8	4	0	0	0	25
02 03 04	3	2	1	0	0	0	0	6
05 06 07	0	0	0	0	0	0	0	0
08 09 10	1	0	0	0	0	0	0	1
11 12 13	1	0	0	0	0	0	0	1
14 15 16	0	1	0	0	0	0	0	1
17 18 19	6	11	1	0	0	0	0	8
20 21 22	5	3	0	0	0	0	0	8
23 24 25	10	9	0	0	0	0	0	19
26 27 28	7	19	11	2	0	0	0	39
29 30 31	12	24	22	7	0	0	0	65
32 33 34	10	26	18	4	3	0	0	14
	14	68	93	57	15	3	0	248
Apr. 35 36 01		0	1	2	7	0	0	10
02 03 04	0	0	0	0	0	0	0	0
05 06 07	0	0	0	0	0	0	0	0
08 09 10	0	0	0	0	0	0	0	0
11 12 13	0	0	0	0	0	0	0	0
14 15 16	0	0	0	0	0	0	0	0
17 18 19	2	0	0	0	0	0	0	0
20 21 22	6	0	0	0	0	0	0	2
23 24 25	9	4	2	0	0	0	0	6
26 27 28	6	16	16	1	0	0	0	15
29 30 31	7	42	51	16	1	0	0	39
32 33 34	2	10	33	5	0	0	0	117
	1	52	73	104	29	1	0	50
								1
								240

FREQUENCY ANALYSES
MACQUARIE ISLAND 1962

		Direction and Speed of Surface Wind						Total	
	Direction x 10	Calm	1-9	10-19	20-29	30-39	40-49		
May.	35 36 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34		3 2 0 0 1 2 4 0 5 4 14	11 1 0 0 7 5 2 0 1 20 42	1 0 0 0 0 0 0 0 0 16	1 0 0 0 0 0 0 0 0 30	0 0 0 0 0 0 0 0 0 2	0 0 0 0 0 0 0 0 0 0	16 3 0 0 8 7 6 0 6 49 84 55 14 248
Jun.	35 36 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34		6 1 3 3 12 5 2 3 4 2 7	15 0 0 0 7 12 4 3 2 9 16	9 0 0 0 2 7 1 1 0 8 27	1 0 0 0 0 0 1 0 0 1 27	0 0 0 0 0 0 0 0 0 5 10	0 0 0 0 0 0 0 0 0 0 1	31 1 1 3 21 25 8 7 6 20 52 61 4 240
Jul.	35 36 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34		3 3 0 2 2 0 1 3 2 1 2	8 2 0 2 3 5 22 6 4 19 19	4 0 0 0 2 4 22 0 2 13	0 0 0 0 0 0 22 0 0 17	0 0 0 0 0 0 0 0 0 0 0	15 5 0 4 7 9 6 9 8 57 76 51 1 248	
Aug.	35 36 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34		0 2 0 1 0 0 1 8 5 6 1	5 2 0 1 0 0 0 3 8 21 16	3 1 0 0 0 0 0 0 0 43 33	2 0 0 0 0 0 0 0 0 7 10	0 0 0 0 0 0 0 0 0 0 1	10 5 0 2 0 0 0 0 0 71 70 62 1 248	

FREQUENCY ANALYSES
MACQUARIE ISLAND 1962

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 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34		6 1 1 1 3 7 6 5 1 4 7	7 1 1 2 2 2 3 0 1 25 37	1 0 0 0 6 0 0 0 0 5 14	0 0 0 0 0 0 0 0 0 1 34	0 0 0 0 0 0 0 0 0 0 7	0 0 0 0 0 0 0 0 0 0 0	14 2 2 3 11 10 9 5 2 34 72 62 14
		14	49	93	69	15	0	0	240
Oct.	35 36 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34		6 3 1 0 5 4 2 1 5 9 4	6 1 0 0 9 3 0 3 1 29 22	4 0 0 0 5 1 0 0 0 23 25	0 0 0 0 0 0 0 0 2 1 9	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	16 4 1 0 19 8 2 4 6 63 52 64 9
		9	44	96	87	12	0	0	248
Nov.	35 36 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34		6 3 0 0 0 1 0 0 2 9 12	19 3 0 0 0 0 1 9 4 14 36	7 0 0 0 0 0 3 2 2 16 17	1 0 0 0 0 0 5 2 1 5 5	0 0 0 0 0 0 0 0 0 1 1	0 0 0 0 0 0 0 0 0 0 0	33 6 0 2 0 5 5 4 40 71 52 7
		7	43	110	64	15	1	0	240
Dec.	35 36 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34		2 0 0 0 0 2 2 0 3 9 8	4 0 0 0 0 0 0 1 2 37 38	3 1 0 0 0 0 0 0 0 16 33	1 0 0 0 0 0 0 0 0 0 1	0 0 0 0 0 0 0 0 0 0 0	10 1 0 0 0 2 9 1 5 62 65 80 13	
		13	33	117	83	2	0	0	248

FREQUENCY ANALYSES
MACQUARIE ISLAND 1962

Results of Radiosonde Observations.

Temperature at 850 mb

1100 Hours GMT

Upper Limit Range - C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
512									1				1
509								5	6				11
506								6	7	3	3		19
503								9	15	18	11		53
000								17	27	25	18		87
003								18	28	29	24		99
006								18	30	30	28		106
009								18	30	30	3		109

Temperature at 700 mb

518					1	1							2
515					2	4							9
512					4	10	10	5					29
509					13	21	18	14					66
506					18	25	25	19					87
503					18	29	30	25					102
000					18	30	30	30					108
003					18	30	30	31					109

Temperature at 500 mb

536					2	1			1				4
533					2	1	4	2					9
530					5	6	8	2					21
527					9	14	12	6					41
524					15	23	18	9					65
521					18	28	25	17					88
518					18	29	29	27					103
515					18	30	29	30					107
512					18	30	30	31					109

Temperature at 300 mb

557					4	3	1						1
554					12	13	8	4					37
551					18	18	18	9					63
548					18	28	24	19					89
545					18	30	28	27					103
542					18	30	29	31					108
539					18	30	30	31					109
536													

FREQUENCY ANALYSES
MACQUARIE ISLAND 1962

Results of Radiosonde Observations.

Upper Limit Range - C	Temperature at 850 mb												2300 Hours GMT Total
	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	

512				1		3	4	4	3	2			1
509				2	7	4	8	12	13	9	7	3	5
506	5	1	2	7	14	11	14	16	20	17	16	17	10
503	14	7	8	14	23	14	27	26	30	28	24	25	21
000	22	13	22	23	25	26	30	30	31	30	28	27	27
003	27	19	26	25	26	30	30	31	31	30	28	27	27
006	30	24	31	30	31	30	31	31	30	30	30	29	357
009	31	27	31	30	31	30	31	31	30	30	30	29	361
012	31	28	31	30	31	30	31	31	31	30	30	30	363

Temperature at 700 mb

521					1	1	1						2
518					2	3	5	2	1	6	3	3	16
515	2	1	1	7	5	6	8	10	6	9	10	6	60
512	7	6	5	10	6	9	11	14	16	19	19	11	109
509	14	9	9	14	12	18	24	28	23	19	19	11	200
506	21	12	19	21	25	26	30	31	30	24	25	19	283
503	30	19	26	27	30	29	31	31	30	29	27	26	335
000	30	22	30	30	31	29	31	31	30	30	29	29	353
003	31	28	31	30	31	29	31	31	30	30	30	30	362
006	31	28	31	30	31	30	31	31	30	30	30	30	363

Temperature at 500 mb

539					1	1	1						3
536	1			2	1	4	3	3					14
533	1			4	3	5	6	6	6	1	2		34
530	3	3	2	5	5	8	8	9	9	6	5	1	64
527	6	6	4	10	7	15	18	25	20	15	13	3	142
524	11	9	10	12	14	24	29	31	28	23	21	8	220
521	22	12	18	20	27	30	30	31	30	26	26	15	287
518	29	16	25	29	31	30	31	31	30	30	27	25	334
515	30	24	30	30	31	30	31	31	30	30	28	29	354
512	31	28	31	30	31	30	31	31	30	30	30	30	363

Temperature at 300 mb

560					1	3	8	3	1	1			1
557					5	15	18	24	17	7	2		17
554			1	1	17	22	28	29	22	17	10	4	90
551	3	1	3	8	22	26	30	30	31	28	24	20	164
548	8	5	12	22	30	30	31	31	30	27	24	20	246
545	23	12	23	30	30	31	31	31	30	27	24	20	311
542	29	20	30	30	31	30	31	31	30	29	29	28	349
539	31	27	31	30	31	30	31	31	30	29	29	29	360
536	31	28	31	30	31	30	31	31	30	30	30	29	362

FREQUENCY ANALYSES
MACQUARIE ISLAND 1962

Upper Limit Range - C	Temperature at 200 mb											1100 Hours G.M.T.		
	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total	
566										1				1
565										2	1			3
560										4				9
557									1	6	3	9		19
554									5	7	4	14		30
551									14	14	7	20		55
548									17	20	16	21		74
545									18	25	22	27		92
542									18	28	24	29		99
539									18	30	29	30		107
536									18	30	30	30		106
Temperature at 150 mb														
554									1	5	1	3		10
551									7	7	4	17		35
548									15	14	11	21		61
545									16	23	20	24		83
542									18	28	28	25		99
539									18	29	28	25		100
Temperature at 100 mb														
554									1			3		4
551									3	2	1	12		18
548									6	6	4	22		38
545									9	15	16	24		64
542									12	23	20	24		79
539									12	24	20	24		80
536									13	24	20	24		81
Temperature at Tropopause														
566									2	4	1	1		8
563									5	10	4	11		30
560									11	12	10	18		51
557									13	16	12	21		62
554									16	23	16	23		78
551									18	25	23	25		91
548									18	29	26	27		100
545									18	30	28	30		106
542									18	30	30	31		109

FREQUENCY ANALYSES
MACQUARIE ISLAND 1962

Upper Limit Range - C	Temperature at 200 mb												2300 Hours GMT	
	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total	
572					1	1	1							3
569					2	3	3							12
566	1				3	7	5	6	5		1			28
563	3	2	3	5	13	9	11	9		1		1		57
560	5	5	8	10	19	9	14	10		2	3	2		87
557	9	10	12	17	22	18	18	17	2	5	3	5		138
554	13	13	13	19	25	23	24	21	11	7	3	11		183
551	16	17	20	22	26	29	29	28	18	13	7	15		240
548	23	21	25	25	29	30	29	31	29	19	18	21		300
545	27	22	28	30	31	30	30	31	30	27	24	26		336
542	30	26	31	30	31	30	30	31	30	28	25	28		350
539	31	28	31	30	31	30	30	31	30	30	29	28		359
536	31	28	31	30	31	30	30	31	30	30	30	28		360
Temperature at 150 mb														
572								1						1
569								2						2
566								3						8
563					1	1	3	3						16
560	2		2	12	3	7	9							35
557	1	4	6	11	20	12	17	12	2			1		86
554	7	10	15	19	23	24	24	17	4	5		3		151
551	14	16	21	22	27	29	28	25	17	9	3	11		222
548	23	21	27	27	29	29	29	31	21	15	9	17		278
545	29	26	31	30	31	29	30	31	27	23	24	23		334
542	30	27	31	30	31	29	30	31	30	29	28	24		350
539	30	28	31	30	31	29	30	31	30	30	29	24		353
536	30	28	31	30	31	29	30	31	30	30	30	24		354
Temperature at 100 mb														
569								1						1
566								2						5
563								3						7
560	1	1	7	17	12	13	8	5						25
557	4	3	7	17	22	23	18	9	4					65
554	6	12	13	17	22	23	22	22	14	9	4	1	1	126
551	14	15	25	22	27	26	26	22	14	9	4	2	10	190
548	21	19	23	23	29	26	24	23	17	8	7	12		239
545	27	24	23	23	29	26	24	25	22	17	22	20		289
542	28	25	23	23	29	26	24	25	26	28	28	20		312
539	28	25	30	23	29	26	24	26	27	29	29	20		316
Temperature at Tropopause														
575								1	1					2
572					1	1	2	2						6
569					3	4	5	8	1	1				21
566	2		3	5	17	16	17	14	3	3				43
563	5	1	3	5	22	19	19	21	10	8		2		88
560	7	5	7	14	22	22	26	27	28	21	17	14		147
557	11	10	14	19	25	25	24	24	16	15	11	14		206
554	17	17	20	24	27	26	27	28	21	17	14	19		257
551	20	20	22	26	30	27	29	30	23	25	19	24		295
548	25	24	24	28	31	30	30	31	27	26	22	25		324
545	28	25	28	29	31	30	30	31	30	28	27	28		345
542	30	26	28	30	31	30	31	31	30	30	29	28		354
539	31	27	31	30	31	30	31	31	30	30	29	28		359
536	31	28	31	30	31	30	31	31	30	30	29	28		360
533	31	28	31	30	31	30	31	31	30	30	30	28		361

FREQUENCY ANALYSES
MACQUARIE ISLAND 1962

Upper Limit Range gpDm	Geopotential at 850 mb											1100 Hours GMT		
	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total	
195										1	2		1	
110										2	4		4	
115										3	4		7	
120										7				
125										1	1		15	
130										9	15		27	
135										16	21		46	
140										23	27	16	79	
145										29	29	25	100	
										30	30	31	109	
Geopotential at 700 mb														
260										1	2		3	
265										3	3		7	
270										4	5		10	
275										8	13	2	24	
280										13	20	3	41	
285										23	24	8	64	
290										26	28	18	88	
295										29	30	28	104	
300										30	30	31	109	
Geopotential at 500 mb														
510										1	2		4	
515										3	3		7	
520										4	8	1	14	
525										9	13	3	29	
530										13	17	3	38	
535										20	20	6	54	
540										25	25	10	72	
545										27	28	13	84	
550										28	28	25	99	
555										29	30	29	106	
560										30	30	31	109	

FREQUENCY ANALYSES
MACQUARIE ISLAND 1962

Upper Limit Range gpDm	Geopotential at 850 mb												2300 Hours GMT	
	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total	
095										1				1
100									1					1
105								1						4
110							2	1	1	4	2			14
115						2	4	3	4	4				23
120	3	2	1	4	2	8	4	7	8	6	11	1		57
125	6	9	5	8	9	13	8	12	9	13	13	1		102
130	15	11	10	10	11	20	16	18	13	13	21	6		164
135	20	14	18	21	18	26	19	23	24	20	29	13		245
140	23	22	23	25	22	29	23	26	30	28	30	25		306
145	29	25	27	29	27	30	26	28	30	30	30	30		341
150	30	28	31	30	30	30	28	30	30	30	30	30		357
155	31	28	31	30	31	30	30	31	30	30	30	30		362
160	31	28	31	30	31	30	31	31	30	30	30	30		363
Geopotential at 700 mb														
250									1	1				2
255									1	1	3			6
260							2	2	1	4	5			15
265						2	4	2	5	4	2	3		22
270	2	1	1	4	2	6	5	7	8	3	8			47
275	4	6	3	6	7	12	8	11	9	9	11	1		87
280	14	9	6	10	9	18	14	19	12	14	19	4		148
285	18	12	13	15	13	23	18	22	19	16	24	10		203
290	21	15	20	21	18	26	21	25	28	24	29	19		267
295	24	20	22	25	24	30	24	28	29	29	30	26		311
300	28	22	28	30	27	30	27	30	30	30	30	30		342
305	29	27	29	30	31	30	28	31	30	30	30	30		355
310	31	28	31	30	31	30	30	31	30	30	30	30		362
315	31	28	31	30	31	30	31	31	30	30	30	30		363
Geopotential at 500 mb														
495										1				1
500									2	1				4
505									1	3	1			8
510									1	4	6			20
515	2	1	4	4	3	4	6	6	7	2	6			39
520	2	2	1	6	6	6	11	10	13	10	9	9	1	61
525	5	6	1	6	6	6	8	7	10	8	3	8		87
530	9	7	5	8	9	15	13	19	14	14	14	4		131
535	14	11	10	12	11	23	16	22	19	17	19	7		181
540	18	12	14	16	14	25	19	25	22	22	24	13		224
545	19	14	17	19	17	27	23	27	29	25	27	17		261
550	23	15	21	24	22	30	26	30	30	28	29	22		300
555	27	20	25	28	26	30	28	31	30	30	29	26		330
560	28	21	28	30	31	30	29	31	30	30	30	30		348
565	31	25	31	30	31	30	30	31	30	30	30	30		359
570	31	27	31	30	31	30	30	31	30	30	30	30		361
575	31	28	31	30	31	30	31	31	30	30	30	30		363

FREQUENCY ANALYSES MACQUARIE ISLAND 1962

Geopotential at 300 mb												1100 Hours GMT	
Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
850									1				1
860									1				5
870									4	6	11	1	22
880									6	17	14	3	40
890									13	22	23	6	64
900									17	26	27	12	82
910									18	29	28	24	99
920									18	30	30	30	108
930									18	30	30	31	109
Geopotential at 200 mb													
1120									1				1
1130									4	5	4		11
1140									5	12	10	1	28
1150									15	23	20	3	61
1160									18	26	26	11	81
1170									18	28	28	25	97
1180									18	30	30	27	105
1190									18	30	30	30	108
Geopotential at 150 mb													
1310									1				1
1320									3	2	2		7
1330									9	13	8		30
1340									17	22	17	2	58
1350									18	27	24	10	79
1360									18	29	27	19	93
1370									18	29	28	23	98
1380									18	29	28	25	100

FREQUENCY ANALYSES
MACQUARIE ISLAND 1962

23 00 Hours G M T

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
840	1			2	1	3	1	5	2				3
850	3			3	5	6	5	7	7		3	1	39
870	3	3	1	6	6	12	10	12	11	8	10	1	83
880	6	6	4	8	8	16	16	20	19	14	16	2	135
890	14	10	9	11	11	25	22	25	22	21	21	7	198
900	19	13	16	19	17	28	27	31	30	25	26	14	265
910	25	14	22	26	29	50	29	31	30	28	28	21	311
920	28	20	27	29	31	50	30	31	30	30	30	27	342
930	31	25	31	30	31	50	31	31	30	30	30	29	359
940	31	26	31	30	31	50	31	31	30	30	30	29	360
950	31	28	31	30	31	50	31	31	30	30	30	29	362

Geopotential at 300 mb

1100								1	1	1			3
1110								3	1	6	2		12
1120								4	5	6	11	7	36
1130	1		1	8	7	13	13	17	8	2	4		68
1140	2	2	1	10	25	21	25	17	9	9	1	1	130
1150	6	8	7	13	14	27	26	31	26	24	18	3	203
1160	18	11	13	22	22	30	28	31	30	27	26	12	270
1170	23	13	22	28	30	30	29	31	30	29	28	21	314
1180	28	16	26	30	31	30	30	31	30	30	29	26	337
1190	30	22	30	30	31	30	30	31	30	30	30	28	352
1200	31	26	31	30	31	30	30	31	30	30	30	28	358
1210	31	28	31	30	31	30	30	31	30	30	30	28	360

Geopotential at 200 mb

1100								1	1	1			3
1110								3	1	6	2		12
1120								4	5	6	11	7	36
1130	1		1	8	7	13	13	17	8	2	4		68
1140	2	2	1	10	25	21	25	17	9	9	1	1	130
1150	6	8	7	13	14	27	26	31	26	24	18	3	203
1160	18	11	13	22	22	30	28	31	30	27	26	12	270
1170	23	13	22	28	30	30	29	31	30	29	28	21	314
1180	28	16	26	30	31	30	30	31	30	30	29	26	337
1190	30	22	30	30	31	30	30	31	30	30	30	28	352
1200	31	26	31	30	31	30	30	31	30	30	30	28	358
1210	31	28	31	30	31	30	30	31	30	30	30	28	360

Geopotential at 150 mb

1280								1					1
1290								2	2	3	1		9
1300								5	5	8	4		22
1310				2	5	11	10	15	7				50
1320				3	10	24	20	23	11	2	3		96
1330	2	2	1	12	14	26	26	31	20	11	10		154
1340	6	7	8	24	25	29	28	31	30	24	19	2	233
1350	17	12	20	27	30	29	30	31	30	28	26	13	293
1360	27	15	26	30	31	29	30	31	30	30	28	22	329
1370	30	21	29	30	31	29	30	31	30	30	30	23	348
1380	30	27	30	30	31	29	30	31	30	30	30	24	352
1390	30	28	31	30	31	29	30	31	30	30	30	24	354

FREQUENCY ANALYSES
MACQUARIE ISLAND 1962

Upper Limit Range gpDm	Geopotential at 100 mb											1100 Hours GMT	
	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1590										2	1		3
1600									9	10	5		24
1610									13	20	14	2	49
1620									13	24	19	19	75
1630									13	24	20	23	80
1640									13	24	20	24	81

Geopotential at Tropopause

550												1	1
600												1	1
650												3	
700												6	
750												18	
800												32	
850												39	
900												48	
950												66	
1000												81	
1050												92	
1100												100	
1150												107	
1200												109	
1250													

Pressure at Tropopause

200										3	1	4	8
250									7	12	5	19	45
300									13	19	16	25	73
350									16	28	25	29	98
400									18	29	29	30	106
450									18	30	30	30	108
500									18	30	30	31	109

FREQUENCY ANALYSES
MACQUARIE ISLAND 1962

Upper Limit Range gpDm	Geopotential at 100 mb											2300 Hours GMT	
	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1550					3	1	1						5
1560					6	4	11	2					23
1570					2	16	7	15	5				45
1580					12	21	17	20	7				77
1590				6	18	22	24	24	10	3	2		109
1600	3	4	4	18	28	26	24	26	23	15	9		180
1610	13	7	15	22	29	26	24	26	27	29	27	17	292
1620	25	13	26	23	29	26	24	26	27	29	29	19	308
1630	28	19	29	23	29	26	24	26	27	29	29	20	315
1640	28	25	29	23	29	26	24	26	27	29	29	20	316
1650	28	25	30	23	29	26	24	26	27	29	29	20	
Geopotential at Tropopause													
550								1					1
600								1					1
650	1	2	1			2	1	1	1		1		4
700	1	2	3	2		2	1	1	1	1	2		10
750	3	2	3	2		2	1	3	2	6			21
800	4	3	4	3	2	1	2	1	3	2	6		31
850	5	7	7	4	3	6	2	4	5	5	8		58
900	9	7	8	8	6	8	6	8	14	9	14	3	100
950	11	7	9	8	6	10	12	8	18	12	18	5	124
1000	16	9	12	10	9	11	16	16	23	23	21	9	175
1050	20	14	18	15	12	18	21	22	28	24	26	16	234
1100	22	19	23	19	23	21	26	28	30	27	27	22	287
1150	26	22	27	25	25	29	28	29	30	29	28	25	323
1200	30	26	30	29	29	30	29	30	30	30	29	28	350
1250	31	28	31	30	30	30	31	31	30	30	30	28	360
1300	31	28	31	30	31	30	31	31	30	30	30	28	361
Pressure at Tropopause													
200	4	4	3	4	6	2	4	2		1	2	1	33
250	15	19	18	17	22	19	16	17	8	7	8	15	181
300	24	21	24	26	28	26	29	29	26	24	21	24	302
350	28	26	28	29	31	30	29	30	29	29	24	28	341
400	30	27	31	30	31	30	30	31	29	30	29	28	356
450	31	28	31	30	31	30	30	31	30	30	30	28	360
500	31	28	31	30	31	30	31	31	30	30	30	28	361

FREQUENCY ANALYSES
MAWSON 1962

Upper Limit Range - mb	Station Level Pressure												Total
	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	
950								1					1
955		2						8					10
960			10					7	12				29
965			14	9	1			10	16				53
970	6	4	19	14	7			14	31		3		114
975	21	21	22	28	10			35	77	2	77	17	11
980	69	59	46	71	16	8		59	117	46	154	47	60
985	122	111	106	137	69	30		125	147	97	185	88	150
990	185	178	188	189	116	57		178	196	151	220	145	224
995	248	214	230	212	194	78		210	232	212	248	184	240
1000	248	224	248	237	237	114		238	245	234	248	227	244
1005	248	224	248	231	244	163		244	248	240	248	240	248
1010	248	224	248	238	248	199		248	248	240	248	240	248
1015	248	224	248	240	248	221		248	248	240	248	240	248
1020	248	224	248	240	248	228		248	248	240	248	240	248
1025	248	224	248	240	248	240		248	248	240	248	240	248
Upper Limit Range - F													2920
Maximum Temperature													
526								1					1
524								2					2
523								1	2				3
522								1	3				4
520								1	5				6
519								2	6				8
518								2	7				9
517								3	7				10
516								3	9				12
515								5	9				15
514								5	1				16
513								6	12				18
512								6	13				19
511								7	15				22
510								7	16				24
509								2	10	16			30
508								2	10	17	22		31
507								4	11	17	22		34
506								4	11	17	23		35
505								5	12	17	23		40
504								6	12	17	23		45
503								8	14	18	23		52
502								8	14	18	23		58
501								1	12	17	23		63
000								1	13	20	21		73
001								2	16	22	21		82
002								2	17	22	21		85
003								2	19	23	25		93
004								3	20	25	25		100
005								7	21	11	26	24	115
006								7	21	11	26	25	119
007								1	9	11	26	25	127
008								2	10	24	11	25	135
009								4	16	25	12	27	147
010								4	18	26	13	27	155
011								5	18	27	14	28	162
012								7	21	28	14	30	173
013								9	21	30	15	30	180
014								11	22	30	15	31	187
015								12	22	31	20	31	200
016								13	23	31	20	31	202
017								17	25	31	20	31	209
018								18	26	31	20	31	211
019								20	26	31	21	31	216
020	1	21	27	31	23	31	31	30	30	30	29	1	224
021	1	24	27	31	26	31	30	30	30	29	29	2	231
022	1	25	28	31	26	31	30	30	30	29	29	2	233
023	2	25	28	31	27	31	30	30	30	30	30	4	238
024	3	25	29	31	27	31	31	31	30	30	30	9	246
025	5	25	29	31	28	31	31	31	30	30	30	13	253
026	8	25	30	31	28	31	31	31	30	31	31	14	259
027	9	25	30	31	29	31	31	31	30	31	31	19	266
028	2	13	28	30	31	29	31	31	30	31	31	22	278
029	4	15	30	30	31	30	31	31	30	31	31	26	289
030	7	16	30	30	31	30	31	31	30	31	31	28	298
031	8	20	30	30	31	30	31	31	30	31	31	29	306
032	9	21	30	30	31	30	31	31	30	31	31	29	309
033	15	22	31	30	31	30	31	30	31	31	31	30	322
034	21	25	31	30	31	30	31	30	31	31	31	30	335
035	25	25	31	30	31	30	31	30	31	30	31	30	347
036	28	27	31	30	31	30	31	31	30	31	30	30	357
037	31	27	31	30	31	30	31	30	31	31	30	29	362
038	31	28	31	30	31	30	31	30	31	30	31	31	365

FREQUENCY ANALYSES
MAWSON 1962

Upper Limit Range- F	Minimum Temperature												Total
	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	
532								1					1
531								2					2
529								4					4
528								1	6				7
527								2	8				10
526								3	9				12
525								4	9				13
524								1	5	12			18
523								1	5	13			19
522								1	1	6			21
521								1	1	9			27
519								1	1	10			29
518								3	1	11	17	3	35
517								4	1	11	17	5	38
516								6	1	11	18	6	42
515								6	1	11	19	6	43
514								7	1	11	21	1	50
513								2	7	1	13	1	57
512								2	8	1	13	2	60
511								3	12	3	18	3	73
510								1	3	8	19	21	81
509								2	4	15	8	13	88
508								2	6	16	11	21	98
507								2	6	17	11	24	106
506								3	6	21	12	25	114
505								3	6	23	14	25	123
504								3	10	25	15	26	132
503								4	13	26	16	26	143
502								5	15	27	16	28	153
501								8	16	27	16	28	163
000								1	17	28	17	29	174
001								1	17	28	17	29	180
002								1	17	28	17	30	185
003								1	17	28	18	30	190
004								1	18	28	18	30	201
005								1	22	30	19	30	204
006								1	22	30	19	30	210
007								2	22	30	19	30	217
008								2	23	31	21	31	225
009								2	24	31	26	31	230
010								1	22	25	31	31	252
011								1	23	26	31	30	254
012								2	23	26	31	30	261
013								3	24	28	31	31	243
014								5	24	28	31	31	247
015								7	24	29	31	31	255
016								7	24	29	31	30	258
017	4	9	25	29	31	30	31	31	30	31	31	20	272
018	6	13	26	29	31	30	31	31	30	31	31	22	281
019	9	16	26	30	31	30	31	31	30	31	31	23	290
020	11	19	26	30	31	30	31	31	30	31	31	23	295
021	17	20	28	30	31	30	31	31	30	31	31	24	306
022	20	22	29	30	31	30	31	31	30	31	31	28	317
023	24	24	29	30	31	30	31	31	30	31	31	30	328
024	29	27	30	30	31	30	31	31	31	30	31	30	343
025	31	27	31	30	31	30	31	31	30	31	31	30	350
026	31	27	31	30	31	30	31	31	30	31	31	30	358
027	31	27	31	30	31	30	31	31	30	31	30	27	360
028	31	28	31	30	31	30	31	31	30	31	30	29	363
029	31	28	31	30	31	30	31	30	31	30	31	31	365

Upper Limit Range-Knots	Speed of Maximum Wind Gust												1
	1	2	3	4	5	6	7	8	9	10	11	12	
10													1
20	1		3	2	1	1	3				1		11
30	9	1	6	7	4	2	4	3	1	3	7		47
40	22	9	6	15	13	12	19	10	16	10	9	13	154
50	27	19	18	17	25	21	26	22	25	21	21		265
60	31	23	25	25	28	24	27	29	28	26	24		314
70	31	27	30	29	27	29	30	29	29	28	28		346
80	31	28	31	30	30	29	29	31	29	30	30		358
90	31	28	31	30	31	29	31	31	30	31	30		363
100	31	28	31	30	31	30	31	31	30	31	30		365

FREQUENCY ANALYSES
MAWSON 1962

Upper Limit Range Hours	Daily Duration of Sunshine												Total
	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	
0 0	2	9	8	13	18	30	22	7	6	8	4	3	130
0 1	4	10	9	15	20	30	24	11	10	10	9	7	159
0 2	5	12	10	18	21	30	25	13	12	11	11	9	177
0 3	6	12	10	20	22	30	28	14	13	13	12	9	189
0 4	6	13	11	20	26	30	30	17	13	14	12	10	202
0 5	7	13	11	21	31	30	31	21	14	14	14	11	218
0 6	9	15	11	25	31	30	31	24	15	15	14	12	232
0 7	9	17	12	27	31	30	31	27	16	17	14	12	243
0 8	10	18	18	30	31	30	31	29	17	20	14	13	261
0 9	11	19	20	30	31	30	31	31	20	20	17	13	273
1 0	11	19	26	30	31	30	31	31	23	21	18	14	285
1 1	12	20	26	30	31	30	31	31	26	21	19	17	294
1 2	14	21	26	30	31	30	31	31	30	24	21	18	307
1 3	14	22	29	30	31	30	31	31	30	26	22	20	316
1 4	14	22	31	30	31	30	31	31	30	28	24	20	322
1 5	15	24	31	30	31	30	31	31	30	31	24	22	330
1 6	16	27	31	30	31	30	31	31	30	31	25	24	337
1 7	20	28	31	30	31	30	31	31	30	31	29	24	346
1 8	29	28	31	30	31	30	31	31	30	31	30	26	358
1 9	30	28	31	30	31	30	31	31	30	31	30	30	365
2 0	30	28	31	30	31	30	31	31	30	31	30	31	364

FREQUENCY ANALYSES
MAWSON 1962

Screen Temperature v Dew Point Depression

	Dew Point Depression															Total	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	> 14	Total
Jan. 017																	2
018																	5
019																	12
020	2	1															18
021	3	1	1														24
022	6	1	1														35
023	6	3	1	1													48
024	6	3	1	1													60
025	7	4	1	2	2	2	3	3	1	5	10	9	15	10	7	8	87
026	7	4	1	2	2	2	6	3	4	9	10	10	18	10	9	11	106
027	7	4	2	2	2	5	6	5	5	11	14	10	21	13	10	12	127
028	7	4	2	2	2	5	7	5	5	13	18	12	23	15	11	16	145
029	7	4	2	2	2	6	10	5	6	15	19	13	25	20	15	18	167
030	7	4	2	2	2	7	10	7	6	16	19	13	26	22	16	21	178
031	7	4	2	2	3	7	11	8	7	18	24	13	27	29	18	25	203
032	7	4	2	3	7	11	8	8	18	24	13	27	31	20	30	213	
033	7	4	2	3	7	11	8	8	19	25	15	29	31	26	33	228	
034	7	4	2	3	7	11	9	8	20	26	16	31	31	27	36	238	
035	7	4	2	3	7	11	9	8	20	26	17	32	31	28	39	244	
036	7	4	2	3	7	11	10	8	20	26	17	33	31	28	40	247	
037	7	4	2	3	7	11	10	8	20	26	17	33	31	28	41	248	
Feb. 010																1	
011																2	
013																4	
014																7	
015																12	
016																15	
017	1															19	
018	2															29	
019	3															57	
020	4															44	
021	5															57	
022	1	6														60	
023	1	8														72	
024	1	11														93	
025	1	12														110	
026	1	15														132	
027	1	18														148	
028	2	18														165	
029	2	18														175	
030	2	18														188	
031	2	18														200	
032	2	18														206	
033	2	18														213	
034	2	18														215	
035	2	18														220	
036	2	18														221	
037	2	18														223	

FREQUENCY ANALYSES
MAWSON 1962

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. 507																	2
506																	3
505																	4
504																	5
503																	7
502																	9
501																	11
500																	15
001																	22
002																	32
003																	35
004																	42
005																	54
006																	64
007																	74
008																	85
009																	102
010																	116
011																	132
012																	142
013																	153
014																	160
015																	168
016																	171
017																	177
018																	184
019																	193
020																	197
021																	204
022																	207
023																	208
024																	215
025																	227
026																	231
027																	242
028																	246
033																	248
Apr. 512																	1
511																	2
510																	3
509																	7
508																	9
507																	11
506																	12
505																	16
504																	18
503																	20
502																	29
501																	40
500																	49
001																	54
002																	76
003																	87
004																	106
005																	118
006																	136
007																	149
008																	160
009																	165
010																	172
011																	183
012																	190
013																	192
014																	200
015																	205
016																	210
017																	218
018																	222
019																	227
020																	228
021																	230
022																	231
023																	235
024																	237
025																	240

FREQUENCY ANALYSES
MAWSON 1962

Screen Temperature v Dew Point Depression

F	Dew Point Depression														Total	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
May 520											1	1	1			1
517											2	1	1			3
516											3	1	2	2	3	4
515											3	1	2	3	3	15
514											3	1	2	3	3	18
513											4	2	4	4	3	28
512											5	3	4	4	3	33
511											5	3	4	4	3	36
510											6	3	5	5	3	40
509											8	7	7	5	4	52
508											9	8	9	9	5	62
507											9	10	11	13	8	76
506											11	11	14	15	8	86
505											11	15	17	16	9	99
504											12	17	20	17	10	24
503											13	18	23	19	12	111
502											14	20	24	19	12	126
501											15	20	25	23	16	143
500											15	20	25	25	19	167
001											16	21	25	27	21	176
002											16	21	25	28	21	183
003											16	21	25	28	21	192
004											16	21	25	28	21	194
005											16	21	25	28	21	196
006											16	21	25	28	21	202
007											16	21	25	28	21	204
008											16	21	25	28	21	212
009											16	21	25	28	21	217
10											16	21	25	28	21	222
010											16	21	25	28	21	228
011											16	21	25	28	21	236
012											16	21	25	28	21	240
013											16	21	25	28	21	247
014											16	21	25	28	21	248
015											16	21	25	28	21	
Jun. 523											2	1				2
518											2	1				3
516											2	1				4
510											2	1				5
509											3	1	3	1	1	10
508											3	2	1	7	2	28
507											3	2	11	3	5	35
506											4	2	3	5	7	42
505											6	3	3	5	7	52
504											6	5	4	6	9	67
503											6	5	4	6	9	77
502											6	5	4	6	9	87
501											6	5	4	6	9	97
500											7	6	5	6	9	105
001											7	6	5	6	9	107
002											7	6	5	6	9	112
003											7	6	5	6	9	115
004											7	6	5	6	9	118
005											7	6	5	6	9	124
006											7	6	5	6	9	129
007											7	6	5	6	9	134
008											7	6	5	6	9	139
009											7	6	5	6	9	148
010											7	6	5	6	9	148
011											7	6	5	6	9	155
012											7	6	5	6	9	164
013											7	6	5	6	9	174
014											7	6	5	6	9	182
015											7	6	5	6	9	192
016											7	6	5	6	9	195
017											7	6	5	6	9	206
018											7	6	5	6	9	211
019											7	6	5	6	9	216
020											7	6	5	6	9	218
021											7	6	5	6	9	227
022											7	6	5	6	9	230
023											7	6	5	6	9	235
024											7	6	5	6	9	237
025											7	6	5	6	9	238
027											7	6	5	6	9	240

FREQUENCY ANALYSES
MAWSON 1962

Jul.		Screen Temperature v Dew Point Depression														Total	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
527																	2
526																	5
525																	10
524																	12
523																	16
522																	20
521																	25
520																	30
519																	31
518																	37
517																	44
516																	52
515																	57
514																	62
513																	70
512																	78
511																	85
510																	96
509																	104
508																	114
507																	123
506																	134
505	1																151
504	1																162
503	1																171
502	1																185
501	1																194
000	1																197
001	1																203
002	1																209
003	1																213
004	1																219
005	1																223
006	1																227
007	1																229
008	1																232
009	1																236
010	1																239
011	1																245
012	1																246
013	1																248

FREQUENCY ANALYSES
MAWSON 1962

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. 531																	3
530																	5
529																	9
528																	11
527																	21
526																	29
525																	36
524																	44
523																	55
522																	63
521																	70
520																	77
519																	85
518																	90
517																	97
516																	105
515																	111
514																	120
513																	129
512																	140
511																	144
510																	147
508																	150
507																	153
506																	158
505																	163
504																	169
503																	180
502																	186
501																	194
000																	201
001																	207
002																	209
003																	213
004																	216
005																	221
006																	222
007																	225
008																	226
009																	230
010																	232
011																	233
012																	237
013																	238
014																	239
015																	241
016																	242
017																	243
018																	244
019																	245
020																	246
022																	247
023																	248
024																	248

FREQUENCY ANALYSES
MAWSON 1962

Screen Temperature v Dew Point Depression

	Dew Point Depression														Total		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	> 14	Total
Sep.	517																
516																	6
515																	10
514																	13
513																	18
512																	27
511																	37
510																	44
509																	52
508																	64
507																	71
506																	83
505																	94
504																	101
503																	106
502																	111
501																	123
000																	140
001																	164
002																	180
003																	198
004																	207
005																	215
006																	221
007																	225
008																	232
009																	236
010																	238
012																	239
013																	240
Oct.	513																
512																	1
511																	3
508																	5
507																	7
506																	9
505																	11
504																	14
503																	17
502																	20
501																	27
500																	30
001																	37
002																	49
003																	64
004																	71
005																	82
006																	93
007																	115
008																	137
009																	153
010																	173
011																	185
012																	191
013																	201
014																	212
015																	221
016																	224
017																	227
018																	230
019																	239
020																	241
021																	244
022																	245
023																	246
024																	247
025																	248

FREQUENCY ANALYSES
MAWSON 1962

Screen Temperature v Dew Point Depression

	Dew Point Depression														Total		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	> 14	Total
Nov.	006															1	1
	008															2	2
	009															3	3
	010															4	4
	011															7	7
	012															11	11
	013															15	15
	014															19	19
	015															31	31
	016															38	38
	017															48	48
	018															61	61
	019															78	78
	020															96	96
	021															106	106
	022	2	6	2	2	2	3	3	3	3	3	3	3	3	3	121	121
	023	2	6	2	2	2	3	3	3	3	3	3	3	3	3	151	151
	024	2	6	2	2	2	3	3	3	3	3	3	3	3	3	168	168
	025	2	6	2	2	2	3	3	3	3	3	3	3	3	3	186	186
	026	2	6	2	2	2	3	3	3	3	3	3	3	3	3	200	200
	027	2	6	2	2	2	3	3	3	3	3	3	3	3	3	221	221
	028	2	6	2	2	2	3	3	3	3	3	3	3	3	3	227	227
	029	2	6	2	2	2	3	3	3	3	3	3	3	3	3	232	232
	030	2	6	2	2	2	3	3	3	3	3	3	3	3	3	238	238
	033	2	6	2	2	2	3	3	3	3	3	3	3	3	3	239	239
	034	2	6	2	2	2	3	3	3	3	3	3	3	3	3	240	240
Dec.	019															4	4
	020															5	5
	022															8	8
	023															10	10
	024															17	17
	025															27	27
	026															44	44
	027															67	67
	028															92	92
	029															121	121
	030															140	140
	031															166	166
	032															192	192
	033															214	214
	034															233	233
	035															242	242
	036															246	246
	037															248	248

FREQUENCY ANALYSES
MAWSON 1962

		Direction and Speed of Surface Wind							Total
Direction x 10	Calm	1-9	10-19	20-29	30-39	40-49	≥ 50	Total	
Jan.	35 36 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	1 1 2 9 6 2 0 1 4 4 1	0 2 5 17 46 10 1 0 1 1 0	0 0 0 1 57 7 0 0 0 0 0	0 0 0 0 25 5 0 0 0 0 0	0 0 0 0 10 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	1 3 27 27 144 24 1 1 5 5 1	4
		4	56	85	65	30	10	0	248
Feb.	35 36 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	1 3 1 1 1 5 1 1 2 3 1	0 1 0 0 35 23 0 0 1 2 0	0 0 0 0 60 14 1 0 0 0 0	0 0 0 0 29 9 0 0 0 0 0	0 0 0 0 11 1 0 0 0 0 0	0 0 0 0 10 1 0 0 0 0 0	1 4 2 8 146 51 2 1 3 5 0	0
		0	23	66	76	38	11	10	224
Mar.	35 36 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	1 1 2 0 1 3 1 2 0 0 4 0	1 1 2 0 4 38 21 0 2 0 1	0 0 0 0 3 47 36 0 0 0 0	0 0 0 0 0 42 15 0 0 0 0	0 0 0 0 0 10 1 0 0 0 0	0 0 0 0 0 8 1 0 0 0 0	2 3 2 8 140 74 2 4 0 5 0	0
		0	15	71	86	57	11	8	248
Apr.	35 36 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	3 2 4 2 8 7 9 9 3 0 0	1 0 5 12 36 29 6 0 0 0 0	0 0 0 0 27 11 1 0 0 0 0	0 0 0 0 24 2 0 0 0 0 0	0 0 0 0 16 3 0 0 0 0 0	0 0 0 0 2 0 0 0 0 0 0	4 2 9 14 113 52 16 9 3 0 0	0
		18	47	89	39	26	19	2	240

FREQUENCY ANALYSES
MAWSON 1962

		Direction and Speed of Surface Wind						Total	
	Direction x 10	Calm	1-9	10-19	20-29	30-39	40-49		
May	35 36 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34		1 0 3 3 5 6 7 7 3 2 0	0 1 2 1 11 40 0 0 1 0 0	0 0 1 0 4 31 0 0 0 0 0	0 0 0 0 1 9 0 0 0 0 0	0 0 0 0 4 1 0 0 0 0 0	1 1 6 19 96 76 7 7 4 2 0 0	
		29	37	75	66	24	5	12	248
Jun.	35 36 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34		2 8 0 8 0 9 6 7 7 4 1	0 1 0 5 16 45 3 4 1 0 0	1 0 0 0 30 30 8 0 0 0 0	0 0 0 0 9 9 3 0 0 0 0	0 0 0 0 13 13 0 0 0 0 0	4 9 1 13 111 51 9 11 8 5 1 0	
		17	52	48	59	59	12	13	240
Jul.	35 36 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34		1 0 0 2 5 4 2 2 4 2 0	1 3 2 3 39 31 5 5 0 0 0	0 0 0 1 62 27 2 2 0 0 0	0 0 0 13 3 2 0 0 0 0 0	0 0 0 6 6 0 0 0 0 0 0	2 3 2 5 128 64 9 7 4 2 0 0	
		20	25	86	92	15	3	6	247
Aug	35 36 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34		0 1 1 2 2 4 10 0 2 1 0	0 1 2 0 5 8 0 0 0 0 0	0 0 0 0 5 10 0 0 0 0 0	0 0 0 0 3 8 1 0 0 0 0	0 0 0 0 2 2 0 0 0 0 0	0 2 3 5 15 110 31 10 5 2 0 0	
		68	29	36	65	45	3	2	248

FREQUENCY ANALYSES
MAWSON 1962

Direction and Speed of Surface Wind									
Direction x 10	Calm	1-9	10-19	20-29	30-39	40-49	≥ 50		Total
Sep. 3 5 3 6 0 1		1	0	0	0	0	0		1
0 2 0 3 0 4		4	0	0	0	0	0		4
0 5 0 6 0 7		3	4	0	0	0	0		7
0 8 0 9 1 0		5	21	17	4	0	1		48
1 1 1 2 1 3		5	28	64	13	1	4		115
1 4 1 5 1 6		1	3	6	2	0	0		12
1 7 1 8 1 9		3	1	1	0	0	0		5
2 0 2 1 2 2		6	0	0	0	0	0		6
2 3 2 4 2 5		7	0	0	0	0	0		7
2 6 2 7 2 8		1	1	0	0	0	0		2
2 9 3 0 3 1		2	0	0	0	0	0		2
3 2 3 3 3 4		0	0	0	0	0	0		0
									31
	3 1	3 8	5 8	8 8	1 9	1	5		240
Oct. 3 5 3 6 0 1		1	0	0	0	0	0		1
0 2 0 3 0 4		3	6	0	0	0	0		9
0 5 0 6 0 7		4	2	1	0	0	0		7
0 8 0 9 1 0		4	16	16	3	4	3		46
1 1 1 2 1 3		1	32	64	42	5	4		148
1 4 1 5 1 6		0	1	1	0	0	0		2
1 7 1 8 1 9		0	0	0	0	0	0		0
2 0 2 1 2 2		1	0	0	0	0	0		1
2 3 2 4 2 5		1	0	0	0	0	0		1
2 6 2 7 2 8		1	0	0	0	0	0		1
2 9 3 0 3 1		0	0	0	0	0	0		0
3 2 3 3 3 4		1	0	0	0	0	0		1
									31
	3 1	1 7	5 7	8 2	4 5	9	7		248
Nov. 3 5 3 6 0 1		1	0	0	0	0	0		1
0 2 0 3 0 4		5	1	0	0	0	0		6
0 5 0 6 0 7		4	9	1	0	0	0		14
0 8 0 9 1 0		6	6	14	4	3	0		33
1 1 1 2 1 3		2	31	54	41	13	8		149
1 4 1 5 1 6		1	6	12	1	0	1		21
1 7 1 8 1 9		1	0	0	0	0	0		1
2 0 2 1 2 2		1	0	0	0	0	0		1
2 3 2 4 2 5		3	0	0	0	0	0		3
2 6 2 7 2 8		1	0	0	0	0	0		1
2 9 3 0 3 1		1	0	0	0	0	0		1
3 2 3 3 3 4		0	0	0	0	0	0		0
									9
	9	2 6	5 3	8 1	4 6	1 6	9		240
Dec. 3 5 3 6 0 1		1	0	0	0	0	0		1
0 2 0 3 0 4		1	0	0	0	0	0		1
0 5 0 6 0 7		7	4	0	0	0	0		11
0 8 0 9 1 0		6	18	8	0	0	0		32
1 1 1 2 1 3		4	35	47	26	9	8		129
1 4 1 5 1 6		1	8	13	9	6	0		37
1 7 1 8 1 9		0	0	1	0	0	0		1
2 0 2 1 2 2		1	0	0	0	0	0		1
2 3 2 4 2 5		5	0	0	0	0	0		5
2 6 2 7 2 8		7	2	0	0	0	0		9
2 9 3 0 3 1		4	2	0	0	0	0		6
3 2 3 3 3 4		1	0	0	0	0	0		1
									1
	1 4	3 8	6 9	6 9	3 5	1 5	8		248

FREQUENCY ANALYSES
MAWSON 1962

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
556								1					1
533							3	4					7
530					1	5	3	12	14	9	3		23
527				2	4	9	7	19	20	18	5		48
524				2	4	9	7	19	20	18	5		84
521				7	12	23	10	26	26	26	12		142
518				17	16	26	13	29	29	29	25	2	186
515	1	3	24	23	31	20	31	30	29	30	15		237
512	15	17	25	29	31	22	31	30	30	31	27	5	293
509	28	27	30	29	31	26	31	31	30	31	28	26	348
506	28	28	31	30	31	27	31	31	30	31	29	30	357
503	28	28	31	30	31	28	31	31	30	31	29	30	358
000	28	28	31	30	31	28	31	31	30	31	29	31	359

Temperature at 700 mb

556								1					1
533							1	1	3				5
530						4	2	6	7	2			21
527			2	3	6	6	12	22	18	15	2		84
524		2	8	9	16	8	28	30	24	26	14	2	167
521	16	10	19	27	27	13	31	31	29	30	24	9	266
518	24	20	29	30	31	22	31	31	30	31	28	20	327
515	27	26	31	30	31	24	31	31	30	31	29	27	348
512	28	28	31	30	31	27	31	31	30	31	29	30	357
509	28	28	31	30	31	27	31	31	30	31	29	31	358
506	28	28	31	30	31	29	31	31	30	31	29	31	360

Temperature at 500 mb

548								1					1
545			2	3	1	2	6	2	1				12
542			2	3	6	4	17	22	9	9	2		74
539		1	8	9	16	6	29	30	16	21	6		21
536	9	2	17	20	23	12	31	31	25	26	15	3	142
533	22	11	23	28	27	21	31	31	28	29	21	16	288
530	25	21	25	30	30	23	31	31	30	31	26	23	326
527	26	27	29	30	31	27	31	31	30	31	27	26	346
524	28	26	30	30	31	29	31	31	30	31	29	30	358
521	28	28	31	30	31	29	31	31	30	31	29	30	359
518	28	28	31	30	31	29	31	31	30	31	29	31	360

Temperature at 300 mb

569								2					2
566							6	5	1				12
563				3	14	12	22	21	7	15	1		69
560			5	14	25	20	31	30	28	30	12	8	135
557	3		3	14	25	20	31	30	28	30	12	8	204
554	19	12	15	26	29	26	31	30	30	31	23	21	293
551	27	27	25	28	30	28	31	30	30	31	25	27	339
548	28	28	31	30	30	28	31	30	30	31	27	28	352
545	28	28	31	30	30	28	31	30	30	31	27	29	353
542	28	28	31	30	30	28	31	30	30	31	27	31	355

FREQUENCY ANALYSES
MAWSON 1962

Results of Radiosonde Observations.

Temperature at 200 mb

Upper Limit Range - C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
578					2	1	1						4
575					1	5	3	6					15
572					7	12	11	9	2				41
569					16	22	26	23	9				96
566					1	19	29	29	22				129
563					5	26	31	30	30	29	1		152
560					15	28	31	30	30	30	4		168
557					24	28	31	30	30	30	12		188
554	1		13		27	28	31	30	30	30	16	1	207
551	2	4	3	18	29	28	31	30	30	30	18	10	233
548	7	9	13	26	29	28	31	30	30	30	22	20	275
545	26	26	28	27	29	28	31	30	30	30	26	28	339
542	28	28	30	28	29	28	31	30	30	30	27	31	350
539	28	28	31	28	29	28	31	30	30	30	27	31	351

Temperature at 150 mb

581							1						1
578							1	3					4
575							5	6	4				19
572							11	26	29	24	9		63
569							3	21	30	30	27	18	99
566							5	24	31	30	27	29	129
563							15	27	31	30	27	30	147
560							6	25	31	30	27	30	162
557							12	27	31	30	27	30	180
554							2	18	27	31	30	27	191
551							2	27	31	30	27	30	209
548	2	1	14	27	29	27	31	30	27	30	17	5	240
545	19	22	28	28	29	27	31	30	27	30	24	25	320
542	28	27	31	28	29	27	31	30	27	30	26	31	345

Temperature at 100 mb

578					2	1							3
575					2	5	2	2					11
572					6	8	7	9					30
569					3	17	15	8	14	2			57
566					9	19	15	9	14	11			75
563					14	22	14	9	14	20			93
560					4	25	22	14	9	14	23	1	112
557					10	26	22	14	9	14	27	3	125
554					18	29	22	14	9	14	29	3	138
551					3	25	22	14	9	14	29	4	149
548	2	10	26	28	29	22	14	9	14	29	6	4	171
545	24	26	29	28	29	22	14	9	14	29	9	4	196
542	27	26	29	28	29	22	14	9	14	29	15	23	262
536	27	26	30	28	29	22	14	9	14	29	24	31	282
													284

Temperature at Tropopause

581					1	1							2
578					1	2	1	4					8
575					4	5	3	6					18
572					10	9	9	7	3				38
569					1	16	21	23	21	8			90
566					5	21	28	27	29	21	1	1	134
563	1		3	10	27	31	28	30	27	7	5		169
560	2	2	13	22	28	31	29	30	29	11	8		205
557	10	6	7	23	26	28	31	29	30	19	21		259
554	21	18	21	27	29	28	31	29	30	29	25	27	315
551	27	28	29	30	29	28	31	29	30	29	27	30	347
548	27	28	31	30	29	28	31	29	30	29	27	30	349
545	27	26	31	30	29	28	31	29	30	29	27	31	350

FREQUENCY ANALYSES
MAWSON 1962

Results of Radiosonde Observations.
Geopotential at 850 mb

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
090								1					1
095		1					1	3					5
100		1	2	1		2	7		3	12	1		16
105	1	1	2	3	2	10	16	3	12	1			51
110	6	5	5	13	7	3	17	25	13	24	5	2	125
115	12	13	20	25	18	8	26	29	20	28	11	16	226
120	20	21	28	26	25	11	30	31	30	31	21	27	301
125	28	26	31	29	31	15	31	31	30	31	25	29	337
130	28	28	31	30	31	21	31	31	30	31	29	30	351
135	28	28	31	30	31	24	31	31	30	31	29	31	355
140	28	28	31	30	31	26	31	31	30	31	29	31	357
145	28	28	31	30	31	27	31	31	30	31	29	31	358
150	28	28	31	30	31	28	31	31	30	31	29	31	359

Geopotential at 700 mb

230								1					1
235								2					2
240													9
245													46
250	1		1	2	2	1	10	16	3	11	18	2	87
255	3	4	11	18	11	8	24	28	20	25	5	1	158
260	10	12	20	25	20	9	27	30	28	30	13	9	233
265	18	19	30	27	27	12	30	31	30	31	20	21	296
270	27	26	31	29	30	16	31	31	30	31	26	28	336
275	28	28	31	30	30	22	31	31	30	31	29	29	350
280	28	28	31	30	30	25	31	31	30	31	29	31	355
285	28	28	31	30	30	25	31	31	30	31	29	31	355
290	28	28	31	30	31	27	31	31	30	31	29	31	358
295	28	28	31	30	31	28	31	31	30	31	29	31	359
300	28	28	31	30	31	29	31	31	30	31	29	31	360

Geopotential at 500 mb

450													1
455	1												2
460		1											2
465		1											3
470		1											5
475	1	1						3	9				15
480	1	1	1	2	5	1	10	16	3	8	1		41
485	1	1	1	4	7	5	23	27	18	21	4		79
490	1	1	1	4	7	5	23	27	18	21	4		118
495	3	3	12	18	13	8	27	30	23	26	5	1	169
500	9	6	16	25	23	9	28	31	28	29	15	3	222
505	15	16	24	28	28	13	30	31	30	30	18	12	275
510	22	20	29	28	30	15	31	31	30	31	21	21	309
515	26	22	31	29	31	18	31	31	30	31	25	28	333
520	28	27	31	30	31	22	31	31	30	31	28	29	349
525	28	28	31	30	31	23	31	31	30	31	29	29	352
530	28	28	31	30	31	24	31	31	30	31	29	30	354
535	28	28	31	30	31	25	31	31	30	31	29	30	355
540	28	28	31	30	31	27	31	31	30	31	29	31	358
545	28	28	31	30	31	28	31	31	30	31	29	31	359
550	28	28	31	30	31	28	31	31	30	31	29	31	360
555	28	28	31	30	31	29	31	31	30	31	29	31	

FREQUENCY ANALYSES
MAWSON 1962

Results of Radiosonde Observations.
Geopotential at 300 mb

	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
800							3	7					10
810							10	18	3	6			37
820							24	26	16	20	2		98
830	2		7	14	5	4	28	29	20	25	4		151
840	8	2	18	27	24	12	30	30	29	30	14	3	227
850	20	19	25	28	29	16	31	30	30	31	19	17	295
860	25	23	30	28	30	22	31	30	30	31	24	27	531
870	28	28	31	30	30	24	31	30	30	31	26	27	348
880	28	28	31	30	30	24	31	30	30	31	27	29	349
890	28	28	31	30	30	26	31	30	30	31	27	30	352
900	28	28	31	30	30	27	31	30	30	31	27	31	354
910	28	28	31	30	30	28	31	30	30	31	27	31	355

Geopotential at 200 mb

1040							2	6					8
1050							6	15	1				22
1060							20	26	10	11			67
1070							27	29	19	21	1		105
1080							4	4	26	24	4		135
1090	1		4	17	12	12	30	30	30	29	5		180
1100	2		14	25	26	18	31	30	30	30	16	1	223
1110	18	9	22	26	29	24	31	30	30	30	18	16	283
1120	25	22	30	28	29	24	31	30	30	30	24	25	328
1130	27	27	31	28	29	25	31	30	30	30	27	28	343
1140	28	28	31	28	29	26	31	30	30	30	27	29	347
1150	28	28	31	28	29	28	31	30	30	30	27	30	350
1160	28	28	31	28	29	28	31	30	30	30	27	31	351

Geopotential at 150 mb

1210							3	6					9
1220							6	14					20
1230							17	26	9	6			58
1240							3	29	20	16			97
1250							6	6	30	29	1		121
1260							14	12	30	26	3		144
1270							22	18	31	27	30	5	170
1280	1		4	21	27	21	31	30	27	30	13	1	205
1290	1		12	26	29	23	31	30	27	30	14	1	224
1300	17	6	22	28	29	23	31	30	27	30	19	17	279
1310	26	20	30	28	29	25	31	30	27	30	22	26	324
1320	28	26	31	28	29	27	31	30	27	30	26	27	340
1330	28	26	31	28	29	27	31	30	27	30	26	27	342
1340	28	26	31	28	29	27	31	30	27	30	26	29	343
1350	28	26	31	28	29	27	31	30	27	30	26	31	344
1360	28	26	31	28	29	27	31	30	27	30	26	31	344
1370	28	26	31	28	29	27	31	30	27	30	26	31	344
1380	28	26	31	28	29	27	31	30	27	30	26	31	344
1390	28	26	31	28	29	27	31	30	27	30	26	31	344
1400	28	27	31	28	29	27	31	30	27	30	26	31	345

FREQUENCY ANALYSES
MAWSON - 1962

Results of Radiosonde Observations.

Upper Limit Range gpDm	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1450							2	1					3
1460							4	3					7
1470							5	6	3	1			15
1480						2	11	8	10	9			40
1490					1	5	13	8	12	17			56
1500					11	9	13	9	13	27	1		83
1510					14	13	14	9	14	29	1		94
1520				1	19	16	14	9	14	29	2		104
1530				10	24	18	14	9	14	29	5		123
1540				17	27	18	14	9	14	29	7		135
1550	1		6	23	29	18	14	9	14	29	11		154
1560	1		15	28	29	22	14	9	14	29	14		175
1570	9	6	22	28	29	22	14	9	14	29	18	14	214
1580	26	20	29	28	29	22	14	9	14	29	21	24	265
1590	27	26	30	28	29	22	14	9	14	29	25	27	280
1600	27	26	30	28	29	22	14	9	14	29	25	29	282
1610	27	26	30	28	29	22	14	9	14	29	25	30	283
1620	27	26	30	28	29	22	14	9	14	29	25	31	284

Geopotential at Tropopause

700			2	1									3
750	2		7	2								1	13
800	6	2	10	5	2		1					5	35
850	15	15	21	17	12		2	1				12	109
900	21	20	27	20	15	1	4	5				9	156
950	25	26	29	27	23	5	12	12	3	17	19	22	220
1000	26	28	30	28	27	13	22	19	10	24	24	25	276
1050	27	28	31	30	27	17	26	24	16	28	26	30	310
1100	27	28	31	30	28	23	30	28	26	29	27	31	338
1150	27	28	31	30	29	25	31	29	28	29	27	31	345
1200	27	28	31	30	29	27	31	29	29	29	27	31	348
1250	27	28	31	30	29	27	31	29	30	29	27	31	349
1300	27	28	31	30	29	28	31	29	30	29	27	31	350

Upper Limit
Range mb

Pressure at Tropopause

200				7	5	7	14	1					34
250	1	2	1	3	7	27	24	22	29	14	6	6	142
300	15	21	17	23	26	28	30	29	30	29	21	24	293
350	27	28	26	29	29	28	31	29	30	29	27	30	343
400	27	28	31	30	29	28	31	29	30	29	27	31	350

FREQUENCY ANALYSES
WILKES 1962

Upper Limit Range - mb	Station Level Pressure												Total
	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	
950								3		9			12
955								17		14			36
960		4	3	4				5		21			74
965	4	14	15	18	2	4	11	2	37	33	4	5	199
970	16	47	35	48	11	18	21	83	59	54	7	14	415
975	52	76	65	83	47	24	83	119	103	102	10	17	781
980	97	117	123	130	90	67	137	158	143	157	40	50	1309
985	151	184	198	187	124	107	187	196	193	196	118	146	1987
990	225	200	224	221	173	134	211	224	233	224	172	240	2481
995	248	223	246	240	219	142	237	240	240	243	206	248	2732
1000	248	224	248	240	226	153	249	248	240	248	238	248	2809
1005	248	224	248	240	231	185	248	248	240	248	240	248	2848
1010	248	224	248	240	248	217	248	248	240	248	240	248	2897
1015	248	224	248	240	248	240	248	248	240	248	240	248	2920

Upper Limit Range - F	Maximum Temperature												
522								1					1
518								2					2
516								3					3
513								4					4
512								4					5
511								5					5
510								6					7
508								7					9
507								7					11
506								7					14
505								8					14
504								8					17
503								9					20
502								9					27
501								10					31
000								10					32
001								10					35
002								10					38
003								10					41
004								10					44
005								10					48
006								10					51
007								10					53
008								10					58
009								10					65
010								10					72
011								10					80
012								10					84
013								10					98
014								10					104
015								10					113
016								10					121
017								10					135
018								10					143
019								10					153
020								10					161
021								10					173
022								10					182
023								10					192
024								10					197
025								10					203
026								10					210
027								10					218
028	1	12	30	31	30	31	30	31	31	22	18	14	228
029	2	15	30	31	30	31	30	31	31	21	15	2	240
030	7	1	19	30	31	30	31	31	30	30	16	5	249
031	11	1	21	30	31	30	31	31	30	31	21	6	268
032	15	4	23	30	31	30	31	31	30	31	23	7	277
033	18	6	24	30	31	30	31	31	30	31	26	15	295
034	22	10	26	30	31	30	31	31	30	31	27	19	308
035	26	12	29	30	31	30	31	31	30	31	28	21	321
036	28	14	30	30	31	30	31	31	30	31	28	26	335
037	29	19	30	30	31	30	31	31	30	31	28	27	341
038	29	22	31	30	31	30	31	31	30	31	29	29	350
039	30	26	31	30	31	30	31	31	30	31	30	29	355
040	30	26	31	30	31	30	31	31	30	31	30	29	360
042	30	27	31	30	31	30	31	31	30	31	30	30	361
043	31	28	31	30	31	30	31	31	30	31	30	30	362
													365

FREQUENCY ANALYSES
WILKES 1962

Upper Limit Range - F	Minimum Temperature												Total
	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	
534								1					1
533							2	1					3
529							2						4
527							3	3					6
526							5	3					9
525							7	3					11
524							9	3					13
523							10	3					14
521							11	3					16
520							11	4					17
519							11	4					19
518							2	1					20
517							2	1					22
516							4	1					26
515							5	5					50
513							5	3					59
512							6	4					45
511							7	1					47
510							8	1					53
509							11	1					57
508							12	1					66
507							10	1					68
506							13	1					74
505							14	1					87
504							17	1					94
503							18	1					102
502							18	1					105
501							19	1					113
000							19	1					119
001							21	1					129
002							21	1					137
003							21	1					143
004							21	1					149
005							21	1					154
006							21	1					160
007							21	1					166
008							21	1					172
009							21	1					182
010							21	1					191
011							21	1					200
012							21	1					205
013							21	1					210
014							21	1					213
015							21	1					217
016							21	1					223
017							21	1					227
018							21	1					240
019							21	1					248
020							21	1					252
021							21	1					259
022							21	1					265
023							21	1					279
024							21	1					290
025							21	1					313
026							21	1					322
027							21	1					330
028							21	1					340
029							21	1					352
030							21	1					360
031							21	1					365

Upper Limit Range-Knots	Speed of Maximum Wind Gust												Total
	10	20	50	100	200	300	400	500	600	700	800	900	
5	2	2	1	1	1	5	1	1	3	1	1	1	24
21	7	17	14	20	13	17	11	11	18	15	9	9	173
24	11	26	18	25	21	23	14	19	21	22	20	20	242
28	12	27	23	25	22	24	15	24	23	26	24	273	273
30	18	27	25	28	26	29	18	25	24	27	27	304	304
31	20	27	25	30	27	30	20	26	25	29	27	317	317
31	20	29	27	30	29	30	21	29	28	29	28	331	331
31	21	31	30	31	29	31	29	30	31	30	28	344	344
31	22	31	30	31	30	31	29	30	31	30	28	351	351
31	22	31	30	31	30	31	31	30	31	30	28	354	354
31	22	31	30	31	30	31	30	30	31	30	28	355	355
31	22	31	30	31	30	31	31	30	31	30	28	356	356

FREQUENCY ANALYSES
WILKES 1962

Screen Temperature v Dew Point Depression

F	Dew Point Depression														Total	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Jan. 018																1
019																2
020																3
021																6
022																9
023																14
024																16
025																25
026																40
027																51
028																71
029																104
030																134
031																181
032																200
033																219
034																229
035																239
036																242
037																243
038																247
039																248
040																
Feb. 023																3
024																5
025																8
026																15
027																27
028																41
029																67
030																94
031																116
032																146
033																161
034																178
035																193
036																211
037																216
038																219
039																223
040																224
Mar. 002																1
004																2
005																4
006																5
007																7
008																12
009																14
011																18
012																19
014																23
015																29
016																35
017																36
018																40
019																45
020																45
021																49
022																55
023																68
024																81
025																113
026																139
027																168
028																189
029																206
030																220
031																230
032																239
033																241
034																245
035																248

FREQUENCY ANALYSES
WILKES 1962

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
Apr.	524																1
	520																2
	518																3
	513																4
	511																6
	510																10
	509																12
	508																15
	507																19
	506																20
	505																22
	504																23
	503																24
	502																27
	501																36
	000																43
	001																50
	002																55
	003																61
	004																66
	005																74
	006																83
	007																92
	008																99
	009																108
	010																118
	011																129
	012																137
	013																148
	014																158
	015																166
	016																178
	017																187
	018																195
	019																208
	020																210
	021																216
	022																217
	024																225
	025																231
	026																234
	027																237
	028																238
May.	520																2
	519																3
	517																4
	516																7
	515																9
	514																10
	513																17
	512																23
	511																27
	510																29
	509																35
	508																39
	507																49
	506																56
	505																75
	504																81
	503																91
	502																104
	501																114
	500																122
	001																131
	002																141
	003																153
	004																164
	005																177
	006																186
	007																195
	008																199
	009																205
	010																208
	011																212
	012																215
	013																219
	014																225
	015																233
	016																237
	017																239
	018																241
	019																242
	020																244
	022																246
	023																247

FREQUENCY ANALYSES
WILKES 1962

Screen Temperature v Dew Point Depression

F	Dew Point Depression														Total	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Jun. 5-16	1															1
515	1	2														4
514			1	1	4											8
513	1	8	1	1	4											15
512	1	11	3	1	4											20
511	2	15	4	3	4											28
510	4	18	4	3	4											33
509	5	19	5	4	4											37
508	10	20	6	5	5											46
507	12	21	7	6	5											53
506	14	24	9	8	5	1	1									65
505	14	26	10	8	6	4	1									70
504	14	29	11	9	6	4	1									76
503	14	51	11	10	7	5	1	1								82
502	14	52	11	11	8	7	1	2								88
501	15	52	11	12	8	8	4	4								96
000	15	52	12	14	10	9	4	5								103
001	16	52	12	14	12	9	9	6		2						116
002	17	33	12	14	12	9	11	10		2						124
003	18	33	12	14	14	12	12	10		2						131
004	19	33	12	15	16	13	13	10		3						140
005	1	19	35	12	15	18	16	13	10	3	3					148
006	2	19	36	13	15	18	18	14	10	4	4	4				156
007	2	19	36	14	17	18	18	14	11	4	4	4				162
008	2	20	36	16	17	19	18	14	11	5	5	5				168
009	2	26	37	17	17	19	18	15	11	5	5	6				175
010	2	26	40	18	18	19	18	15	11	5	5	7				179
011	2	26	40	21	19	20	18	16	11	5	5	7				185
012	1	22	42	21	20	20	18	16	11	5	5	7				192
013	2	22	42	21	20	20	19	16	12	7	7	6				196
014	2	22	42	21	20	20	19	17	12	8	7	6				200
015	2	22	46	22	20	21	20	17	12	8	7	6				205
016	2	23	47	24	20	22	20	18	12	8	7	6				212
017	2	23	47	24	21	22	20	18	12	8	7	6				213
018	2	23	47	24	21	22	20	18	12	8	7	7				214
019	2	23	47	24	21	23	20	18	12	8	7	7				215
020	2	23	47	24	21	23	21	18	12	8	7	7				216
021	2	3	1	23	47	24	22	22	18	12	8	7	7			219
022	2	3	1	23	47	24	22	24	18	12	8	7	7			220
023	2	3	1	23	47	24	23	25	22	18	13	8	8	7		224
024	2	3	1	23	47	24	23	25	22	18	13	8	8	8	-8	225

FREQUENCY ANALYSES
WILKES 1962

Screen Temperature v Frost Point Depression

F	Frost Point Depression														Total	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Jul. 533																1
532																3
531																5
530																6
529																8
528																9
526																11
525																16
524																22
523																25
522																32
521																42
520																44
519																50
518																54
517																58
516																60
515																64
514																72
513																76
512																82
511																87
510																97
509																106
508																109
507																117
506																126
505																136
504																141
503																148
502																151
501																156
000																161
001																169
002																177
003																180
004																187
005																195
006																201
007																209
008																212
009																215
010																219
011																221
012																223
014																226
015																228
016																231
017																232
018																233
019																234
020																237
021																239
	1	8	46	57	31	18	15	8	14	10	5	5	4	4		
	1	8	46	57	31	18	15	8	15	10	5	5	4	4		
	1	8	47	57	32	18	15	9	15	10	5	5	4	4		
	1	8	47	58	33	18	15	9	15	10	5	5	4	4		
	2	1	8	48	58	33	18	15	10	15	10	5	5	4		
	2	1	8	48	58	33	18	15	10	16	10	5	5	4		
	2	1	8	48	58	34	18	15	10	16	10	5	5	4		
	2	1	8	48	59	34	18	15	10	16	10	5	5	4		
	2	1	9	49	59	34	18	16	10	16	10	5	5	4		
	2	1	9	50	60	34	18	16	10	16	10	5	5	4		

FREQUENCY ANALYSES
WILKES 1962

Screen Temperature v Dew Point Depression

F	Dew Point Depression													Total		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Aug. 529																1
528																2
527																3
525																6
523																8
522																10
521																11
520																13
519																14
518																18
517																19
516																21
515																22
512																26
511																27
510																29
509																33
508																37
507																44
506																46
505																54
504																61
503																66
502																75
501																77
000																81
001																84
002																87
003																88
004																93
005																99
006																105
007																112
008																121
009																124
010																130
011																136
012																142
013																146
014																153
015																158
016																163
017																166
018																170
019																174
020																179
021																182
022																187
023																190
	1	8	18	21	39	27	18	16	17	10	7	3	3	3	6	194

FREQUENCY ANALYSES
WILKES 1962

Screen Temperature v. Dew Point Depression

F	Dew Point Depression														Total	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Sep.	504															1
	503															2
	502															5
	501															8
	000															13
	001															18
	002															30
	003															38
	004															50
	005															56
	006															66
	007															74
	008															84
	009															93
	010															106
	011															121
	012															135
	013															149
	014															166
	015															178
	016															191
	017															204
	018															210
	019															216
	020															224
	021															227
	022															230
	023															231
	024															232
	025															
Oct.	506															1
	504															3
	503															4
	502															5
	501															8
	000															11
	001															13
	002															17
	003															22
	004															26
	005															34
	006															37
	007															46
	008															57
	009															58
	010															68
	011															76
	012															86
	013															100
	014															104
	015															114
	016															117
	017															124
	018															132
	019															146
	020															151
	021															156
	022															178
	023															192
	024															202
	025															210
	026															227
	027															234
	028															236
	029															237
	030															239
		1	1	8	16	32	31	26	27	25	29	11	11	7	7	

FREQUENCY ANALYSES
WILKES 1962

Screen Temperature v Dew Point Depression

F	Dew Point Depression														Total	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Nov.	001															1
	004															2
	005															3
	006															4
	007															2
	008															6
	010															7
	011															9
	012															11
	013															16
	014															20
	015															23
	016															52
	017															58
	018															44
	019															53
	020															57
	021															67
	022															75
	023															83
	024															97
	025															119
	026															145
	027															168
	028															184
	029															211
	030															223
	031															229
	032															235
	033															237
	034															238
		2	4	16	16	15	21	34	26	32	24	23	14	10	5	13
																239
Dec.	017															1
	018															2
	020															3
	021															6
	023															13
	024															17
	025															23
	027															43
	028															72
	029															93
	030															125
	031															163
	032															190
	033															213
	034															228
	035															237
	036															241
	038															245
	040															246
	042															247
		2	3	16	18	20	32	35	33	22	23	17	8	11	4	4
																248

FREQUENCY ANALYSES
WILKES 1962

Direction and Speed of Surface Wind									
	Direction x 10	Calm	1-9	10-19	20-29	30-39	40-49	≥ 50	Total
Jan.	35 36 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34		10 24 9 13 8 17 9 5 5 3 19	3 19 11 5 0 0 0 2 1 0	0 0 5 2 0 0 0 0 0 0	0 0 2 12 3 0 0 0 0 0	0 0 0 2 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	13 45 28 44 11 17 9 8 6 5 28 34
		54	124	55	15	17	3	0	248
Feb.	35 36 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34		15 19 5 5 5 9 19 7 3 2 11	3 13 4 3 7 2 3 0 1 2	1 0 3 3 13 0 0 0 0 0	0 0 0 0 10 0 0 0 0 0	0 0 0 0 1 0 0 0 0 0	0 0 0 0 1 0 0 0 0 0	19 33 15 47 13 18 31 9 5 7 13 11
		11	106	59	18	19	10	1	224
Mar.	35 36 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34		10 22 17 10 9 20 17 7 5 10 9	3 29 8 11 0 9 3 0 0 5 1	0 0 1 8 0 2 0 0 0 0 0	0 0 0 4 1 6 1 0 0 0 0	0 0 0 2 0 2 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	13 54 26 41 10 32 20 7 5 5 10 12
		12	141	67	14	6	6	2	248
Apr.	35 36 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34		3 11 19 9 7 18 26 2 1 3 1 2	1 7 3 1 0 20 23 1 0 0 0 1	0 0 4 1 0 5 7 4 0 0 0	0 0 4 2 2 0 6 0 0 0 0	0 0 0 2 0 0 0 0 0 0 0	0 0 0 1 0 1 0 0 0 0 0	4 21 32 29 10 44 62 7 1 1 3 23
		23	102	58	24	14	8	11	240

FREQUENCY ANALYSES
WILKES 1962

		Direction and Speed of Surface Wind						Total	
	Direction x 10	Calm	1-9	10-19	20-29	30-39	40-49		
May.	3 5 3 6 0 1 0 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 1 0 1 1 1 2 1 3 1 4 1 5 1 6 1 7 1 8 1 9 2 0 2 1 2 2 2 3 2 4 2 5 2 6 2 7 2 8 2 9 3 0 3 1 3 2 3 3 3 4		7 3 0 2 1 1 1 7 2 4 3 3 7 3 5 0 1 4	4 1 0 4 5 2 1 0 7 2 0 0 0 0 0	0 0 0 5 3 0 0 0 0 0 0 0 0	0 0 1 1 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 4 0 3 4 2 4 8 3 4 4 1 9 3 0 2 4 3 7	
		3 7	1 4 8	4 4	6	8	2	2	2 4 7
Jun.	3 5 3 6 0 1 0 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 1 0 1 1 1 2 1 3 1 4 1 5 1 6 1 7 1 8 1 9 2 0 2 1 2 2 2 3 2 4 2 5 2 6 2 7 2 8 2 9 3 0 3 1 3 2 3 3 3 4	8 2 9 8 1 5 2 0 2 5 2 4 2 2 1 0 2	0 1 2 9 3 7 1 5 8 1 0 0 0 0	0 1 0 3 2 4 5 0 0 0 0 0	0 0 0 0 7 0 0 0 0 0 0 0	0 0 0 0 1 2 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	8 4 2 1 7 4 2 2 9 4 4 3 7 3 2 0 1 2 1 3	
		1 3	1 3 6	5 5	1 4	3	7	1 2	2 4 0
Jul.	3 5 3 6 0 1 0 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 1 0 1 1 1 2 1 3 1 4 1 5 1 6 1 7 1 8 1 9 2 0 2 1 2 2 2 3 2 4 2 5 2 6 2 7 2 8 2 9 3 0 3 1 3 2 3 3 3 4	2 3 8 5 1 5 2 2 5 5 2 4 0 1 1 3	1 2 1 3 3 0 2 9 3 0 1 2 0	0 0 0 4 0 1 8 1 1 0 2 0	0 0 0 5 1 0 1 0 0 0 0 0 0	0 0 0 5 0 0 0 0 0 0 0 0	0 0 0 4 1 0 0 0 0 0 0 0	3 5 9 8 3 4 4 2 8 7 9 8 1 1 4 6 1 3	
		1 3	1 4 8	4 6	1 7	1 6	3	5	2 4 8
Aug.	3 5 3 6 0 1 0 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 1 0 1 1 1 2 1 3 1 4 1 5 1 6 1 7 1 8 1 9 2 0 2 1 2 2 2 3 2 4 2 5 2 6 2 7 2 8 2 9 3 0 3 1 3 2 3 3 3 4	1 2 1 5 1 9 1 1 4 1 9 7 0 0 3 1	1 9 8 4 4 1 2 1 1 1 0 0 1 1	0 2 2 0 5 2 1 9 0 0 0 0 0	0 0 0 1 6 2 0 9 0 0 0 0 0	0 0 1 9 1 0 0 0 0 0 0 0	0 0 2 3 4 6 0 0 0 0 0 0 0	2 3 3 1 8 8 7 2 6 1 7 3 0 8 0 1 5 2 1 7	
		1 7	9 1	5 5	1 3	1 9	1 1	4 2	2 4 8

FREQUENCY ANALYSES
WILKES 1962

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 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	3 27 11 11 10 25 22 4 4 1 0 4	2 19 7 5 3 11 10 0 1 0 0 0	0 4 2 4 0 0 5 0 0 0 0 1	0 0 1 4 1 0 0 0 0 0 0 0	0 0 0 5 0 0 0 0 0 0 0 0	0 0 0 5 0 0 0 0 0 0 0 0	5 50 21 39 15 36 37 6 5 22 0 5 19	
		19	122	61	17	9	4	8	240
Oct.	35 36 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	2 26 20 16 9 19 13 4 2 4 3 11	1 21 4 2 6 5 1 0 1 3 0 2	0 1 0 10 0 0 0 0 0 0 0 0	0 0 1 8 0 0 0 0 0 0 0 0	0 0 1 12 2 0 0 0 0 0 0 0	0 0 0 12 7 0 0 0 0 0 0 0	3 48 26 59 24 24 14 4 3 7 3 14 19	
		19	129	46	13	11	11	19	248
Nov.	35 36 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	13 18 19 13 6 17 15 9 7 6 5 9	1 15 14 6 2 2 7 1 0 6 5 1	0 0 0 0 1 5 2 0 0 0 0 0	0 0 0 0 1 1 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	14 33 33 36 15 21 26 10 7 12 10 10 13	
		13	137	60	18	10	2	0	240
Dec.	35 36 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	17 12 6 9 7 14 20 15 6 3 0 14	4 18 19 10 2 5 3 1 0 1 0 1	1 4 7 13 0 0 1 0 0 0 0 0	0 0 1 7 0 0 0 0 0 0 0 0	0 0 0 3 0 0 0 0 0 0 0 0	0 0 0 2 0 0 0 0 0 0 0 0	22 34 33 44 10 19 24 16 6 3 0 15 22	
		22	123	63	26	8	3	3	248

FREQUENCY ANALYSES
WILKES 1962

Results of Radiosonde Observations.

Upper Limit Range - C	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	1200 Hours G.M.T.	
													Total	
530								2	1					3
527							1	4	2					7
524				1	2	2	9	5						19
521			1	6	3	10	7	1	2					30
518			2	11	8	18	13	7		4	1			64
515	3	1	2	11	20	16	23	18	17	10	4			121
512			9	22	28	25	28	22	22	20	14	4		198
509	19	6	25	28	28	28	30	23	28	26	26	21		290
506	29	19	28	29	29	28	30	23	28	30	28	29		350
503	31	25	30	29	29	28	30	23	28	31	30	31		345
000	31	26	30	29	29	28	30	23	28	31	30	31		346

Temperature at 700 mb

536				1										1
533				1				2						3
530				1	1		3	6			1			6
527				1	2	3	6	4			1			17
524				5	9	8	15	7	11	9	1			66
521	7	1	11	13	21	16	25	20	25	18	11	1		169
518	23	7	21	22	27	26	29	23	28	27	19	26		278
515	30	23	26	29	28	28	30	23	28	31	25	31		332
512	31	26	29	29	28	28	30	23	28	31	28	31		342
509	31	26	30	29	29	28	30	23	28	31	30	31		346

Temperature at 500 mb

545					2	5					1			8
542				1	4	5	12	4	3	3				32
539				5	11	8	17	11	16	12	1			85
536	7	2	10	13	19	14	23	17	22	17	7	4		155
533	17	14	19	19	25	21	29	22	27	28	12	18		251
530	26	18	28	23	27	28	30	23	28	30	26	28		315
527	30	23	29	25	28	28	30	23	28	31	30	30		335
524	30	26	30	28	29	28	30	23	28	31	30	31		344
521	30	26	30	29	29	28	30	23	28	31	30	31		345
518	31	26	30	29	29	28	30	23	28	31	30	31		346

Temperature at 300 mb

569						2					1			6
566					5	5		3	4	1				18
563					5	5		9						80
560				18	22	22	28	23	23	23	6	1		159
557	8	1	5	9	18	15	22	25	30	28	29	16	14	233
554	25	17	25	23	29	27	30	23	28	30	25	22		304
548	29	24	30	25	29	27	30	23	28	31	29	28		333
545	30	26	30	26	29	27	30	23	28	31	29	30		339
542	31	26	30	26	29	27	30	23	28	31	30	31		342
539	31	26	30	27	29	27	30	23	28	31	30	31		343

FREQUENCY ANALYSES
WILKES 1962

Results of Radiosonde Observations.

Upper Limit Range - C	Temperature at 850 mb												2400 Hours GMT	
	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total	
530							1							1
527						5	2							7
524					3	3	6	5						17
521				1	7	5	11	7	1	3				35
518			3	12	12	17	13	7			2			70
515			1	13	21	17	23	20	20	15	5			135
512	4	2	11	21	29	25	27	24	26	21	17	6		212
509	19	8	22	26	29	27	29	24	28	27	25	24		288
506	30	20	27	28	29	27	29	24	29	27	28	29		330
503	30	28	30	28	29	27	29	24	29	27	30	30		341
000	30	28	30	28	29	27	29	24	29	27	30	31		342
Temperature at 700 mb														
530					2	3	6	2	1	2	8	1		5
527					3	9	16	12	12	8				17
524				5	13	24	15	26	22	24	19	8		74
521	6	1	9	14	24	15	26	22	24	20	20	2		170
518	23	8	23	22	28	24	29	23	29	24	20	26		279
515	29	24	29	27	29	28	29	24	29	27	26	30		351
512	30	27	29	28	29	28	29	24	29	27	27	31		358
509	30	28	30	28	29	28	29	24	29	27	30	31		343
Temperature at 500 mb														
545					1	2	5	3	4	2	2			4
542					1	5	11	10	20	11	13	10		24
539		3	5	12	14	22	14	24	20	23	14	8		83
536	5	1	11	21	18	26	21	28	22	28	20	14		159
533	16	11	21	21	18	26	21	28	22	28	20	17		242
530	27	20	27	22	28	28	29	23	29	24	26	29		312
527	30	26	29	24	28	28	29	24	29	27	30	31		355
524	30	27	29	28	29	28	29	24	29	27	30	31		341
521	30	28	29	28	29	29	28	24	29	27	30	31		342
518	30	28	30	28	29	28	29	24	29	27	30	31		343
Temperature at 300 mb														
569									1					1
566						1	4	1						6
563						6	5	4	4					19
560		2	1	2	12	16	17	18	5					73
557	4	8	17	15	25	25	28	25	26	18	4	2		147
554	9	8	17	15	25	25	28	25	28	25	15	11		227
551	22	15	23	19	28	27	29	24	29	27	24	20		287
548	29	24	27	26	29	28	29	24	29	27	28	29		329
545	29	28	29	28	29	28	29	24	29	27	29	31		340
542	30	28	30	28	29	28	29	24	29	27	30	31		343

FREQUENCY ANALYSES
WILKES 1962

Upper Limit Range - C	Temperature at 200 mb											1200 Hours GMT		
	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct	Nov.	Dec.	Total	
578								1					1	
575								4					4	
572					1	1	1	11	2				16	
569					1	3	8	13	7	2			34	
566					1	13	18	18	14	6			70	
563				1	2	18	28	22	23	17	3		114	
560				1	6	24	30	23	27	24	3		138	
557	1			2	14	26	30	23	27	27	5		155	
554	1			8	23	27	30	23	27	29	8	2	178	
551	1		2	11	16	29	27	30	23	27		2	203	
548	7	3	11	23	29	27	30	23	27	30	16	2	239	
545	23	15	25	26	29	27	30	23	27	30	23	6	303	
542	31	26	30	26	29	27	30	23	27	30	28	20	336	
539	31	26	30	26	29	27	30	23	27	30	30	31	340	
Temperature at 150 mb														
581								1					1	
578								1					1	
575								5	2				7	
572					1	5	10	14	11				19	
569					1	10	19	19	16	2			41	
566					1	14	26	25	21	10			67	
563					7	21	29	23	24	20			95	
560			4	17	24	29	23	27	27	23	3	2	126	
557		10	23	25	29	23	23	24	20	23	4		150	
554	1	1	18	28	25	29	23	27	27	25			166	
551	1	1	9	25	28	25	29	23	27	28	5	2	185	
548	11	11	24	26	28	25	29	23	27	28	7		203	
545	11	11	24	26	28	25	29	23	27	29	18	2	253	
542	31	26	30	26	28	25	29	23	27	29	27	23	324	
539	31	26	30	26	28	25	29	23	27	29	30	31	335	
Temperature at 100 mb														
581								1					1	
578								2					2	
575								7					9	
572					4	6	9	6					25	
569					9	16	15	9					49	
566				1	11	24	19	14	14				69	
563				5	16	26	20	15	1				83	
560			1	15	21	27	21	17	7				109	
557		8	23	23	27	27	21	21	14				137	
554		13	28	23	27	21	23	21	21		1		157	
551		23	28	23	27	21	21	25	23				173	
548	1	9	26	28	25	27	21	21	25	23	3	3	187	
545	1	11	20	26	28	23	27	21	25	26	5	4	213	
542	14	25	30	26	28	23	27	21	25	28	7		258	
539	31	25	30	26	28	23	27	21	25	29	18	31	314	
536	31	25	30	26	28	23	27	21	25	29	27	31	323	
533	31	25	30	26	28	23	27	21	25	29	30	31	326	
Temperature at Tropopause														
581								1					1	
578								1					1	
575					1	1	4	2					8	
572				1	1	2	9	4					17	
569				1	2	11	14	10	2	1			41	
566				2	12	20	18	16	8	3			79	
563		3	2	7	5	20	24	21	21	6			118	
560	10	3	11	15	26	26	28	23	25	26	14	2	172	
557	16	11	18	21	28	27	29	23	26	29	19	8	224	
554	28	21	27	24	29	27	29	23	26	30	22	21	272	
551	31	26	29	26	29	27	29	23	26	30	27	26	317	
548	31	26	29	26	29	27	29	23	26	30	29	31	356	
545	31	26	29	26	29	27	29	23	26	30	30	31	357	
542	31	26	29	26	29	27	29	23	26	30	30	31	357	
539	31	26	30	26	29	27	29	23	26	30	30	31	358	

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Temperature at 200 mb												2400 Hours GMT
Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
					1		3	1				5
					2		7	4	1			12
				2	3	7	14	1				31
				2	8	16	20	7	4	1		68
				3	17	24	23	24	12	1		104
			1	6	24	28	24	29	21	3		136
			3	9	27	28	24	29	24	4		148
			7	24	28	28	24	29	25	12		177
4	3	5	17	28	28	28	24	29	27	16	1	201
23	11	20	25	29	28	28	24	29	27	22	4	231
30	28	30	28	29	28	28	24	29	27	26	19	292
30	28	30	28	29	28	28	24	29	27	29	25	355
												341
Temperature at 150 mb												
					1		1	1				1
					3		2	9	5			6
					8		8	13	9			19
				1	12	15	19	17				38
				3	15	24	23	22				64
				7	22	27	23	27	17	1		95
			2	17	27	27	23	29	23	3		151
			9	24	28	27	23	29	23	3		166
			17	29	28	27	23	29	24	5		182
			7	26	29	28	27	23	29	27	8	204
7	12	18	28	29	28	28	23	29	27	18	3	249
30	27	29	28	29	28	27	23	29	27	28	19	324
30	28	30	28	29	28	27	23	29	27	30	27	336
30	28	30	28	29	28	27	23	29	27	30	30	339
Temperature at 100 mb												
					1		1					2
					2		1	6	1			10
					6		5	7	4			20
					11		8	13	8			40
					14		17	19	16			66
				5	21	18	21	18	1			84
				13	24	20	22	21	5			105
			8	21	27	20	22	24	12			134
			9	28	27	20	22	26	19	2		153
			20	28	27	20	22	28	20	3		168
			1	6	27	28	20	22	28	21	4	184
			9	19	28	28	27	20	22	28	23	209
10	26	29	28	28	28	27	20	22	28	25	7	253
30	28	29	28	28	27	20	22	28	26	18	28	312
30	28	30	28	28	27	20	22	28	26	27	30	324
30	28	30	28	28	27	20	22	28	26	30	30	327
Temperature at Tropopause												
					1		4					1
					2		2	9	5	1		19
					6		8	13	7	2	1	38
				1	14	14	18	14	6	6		69
				1	5	22	20	22	16	6		116
			1	12	18	24	28	27	15			162
			3	7	11	11	25	23	26	19	6	219
20	13	21	25	26	26	26	28	27	28	24	14	278
24	25	26	26	26	26	26	28	27	28	26	27	315
28	27	27	26	26	26	26	28	27	28	29	31	331
28	28	30	29	29	28	28	27	29	27	30	31	336
29	28	30	29	29	29	28	27	29	28	30	31	337
29	28	30	29	29	29	28	27	29	28	30	31	337
30	28	30	29	29	28	28	27	29	28	30	31	338
30	28	30	28	28	28	28	27	29	28	30	31	338
30	28	30	28	28	28	28	27	29	28	30	31	338
30	28	30	28	28	28	28	27	29	28	30	31	338
30	28	30	28	28	28	28	27	29	28	30	31	339

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Upper Limit Range - C	Geopotential at 850 mb											1200 Hours GMT		
	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total	
085					1									
090					1									1
095					1									3
100					1									8
105	1	4	6	8	7	3	2	4	6	5	4			27
110	9	10	12	17	11	11	22	12	15	16	23	4	1	75
115	16	15	22	25	20	14	27	19	26	27	15	4	4	154
120	27	22	27	29	24	16	29	21	28	30	23	13	13	239
125	31	26	30	29	27	17	29	23	28	31	27	31	29	305
130	31	26	30	29	28	25	30	23	28	31	30	31	31	329
135	31	26	30	29	29	28	30	23	28	31	30	31	31	342
														346
Geopotential at 700 mb														
230								1						
235								1						1
240								2						3
245								1						11
250	1	2	4	1	2	10	9	4	4	1				35
255	2	6	10	17	12	12	24	17	18	21	3			72
260	13	10	21	24	20	14	28	19	28	27	12	8	2	144
265	22	18	27	26	24	16	29	21	28	30	21	23	8	224
270	31	25	30	29	26	17	29	23	28	31	27	31	23	285
275	31	26	30	29	28	24	30	23	28	31	28	31	31	327
280	31	26	30	29	29	28	30	23	28	31	30	31	31	339
														346
Geopotential at 500 mb														
465								1	1					
470								1	2					2
475								5	2					3
480								1						7
485								10	5	1	2			19
490								10	10	5	6			46
495		1	2	4	5	6	11	19	12	15	13	1		87
500	2	8	13	12	12	12	23	17	21	21	4			133
505	6	5	13	19	20	13	27	19	28	25	6		2	163
510	18	12	24	24	25	15	28	21	28	28	13	15	15	251
515	25	17	29	27	26	16	30	22	28	30	21	28	28	299
520	30	25	30	29	28	19	30	23	28	30	26	31	31	329
525	31	26	30	29	28	25	30	23	28	31	28	31	31	340
530	31	26	30	29	29	27	30	23	28	31	30	31	31	345
								30	23	28	31	30	31	346

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Upper Limit Range gpDm	Geopotential at 850 mb												2400 Hours GMT		
	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total		
085									1				1		
090								2	1	1			4		
095								5	1	2			9		
100		1	1	2	1	2	9	7	6	2	1		32		
105	1	6	3	10	7	3	17	11	11	8	1	2	80		
110	6	10	11	16	13	9	21	18	21	14	4	3	146		
115	15	17	19	24	21	15	26	21	25	22	15	13	231		
120	26	25	27	27	26	14	29	23	28	26	22	30	303		
125	30	27	31	28	26	18	29	24	29	27	29	31	328		
130	30	28	31	28	27	25	29	24	29	27	30	31	338		
135	30	28	31	28	29	27	29	24	29	27	30	31	342		
140	30	28	31	28	29	28	29	24	29	27	30	31	343		
Geopotential at 700 mb															
220													1	1	
225													1	1	
230									1				1	2	
235								2					1	3	
240								5		2			1	14	
245								7	5	4			1	34	
250								17	14	12	8		1	81	
255	3	2	8	15	15	12	22	20	22	16	4	3	146		
260	12	12	17	21	22	13	27	21	27	23	10	10	215		
265	22	21	25	26	26	15	29	23	28	25	20	28	288		
270	30	26	30	28	26	17	29	24	29	27	26	31	323		
275	30	28	30	28	27	22	29	24	29	27	29	31	334		
280	30	28	30	28	28	28	29	24	29	27	30	31	342		
285	30	28	30	28	29	28	29	24	29	27	30	31	343		
Geopotential at 500 mb															
465									1				1		
470									1				1		
475									5	3			10		
480								7	6	3			20		
485								10	9	7	4		42		
490								11	9	10	1		85		
495	2	4	16	17	11	25	19	21	17	4	1	1	137		
500	5	6	16	18	22	13	27	22	28	22	7	5	187		
505	16	12	21	22	26	14	29	23	29	24	14	9	239		
510	27	20	25	26	26	16	29	24	29	25	20	29	296		
515	30	25	31	27	27	20	29	24	29	27	26	31	325		
520	30	28	31	28	28	25	29	24	29	27	28	31	337		
525	30	28	31	28	28	28	29	24	29	27	29	31	341		
530	30	28	31	28	28	28	29	24	29	27	30	31	342		
535	30	28	31	28	29	28	29	24	29	27	30	31	343		

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Upper Limit Range - C	Geopotential at 300 mb											1200 Hours GMT		
	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total	
790								1						1
800							3	2						5
810							7	4						12
820							10	16	10					61
830							20	24	17	22	19			115
840	1	2	14	16	10	12	28	21	26	25	6	2		175
850	20	12	24	23	25	14	30	22	28	28	17	24		267
860	30	23	29	25	28	22	30	25	28	30	27	28		325
870	50	26	30	27	28	27	30	25	28	31	30	31		341
880	30	26	30	27	29	27	30	25	28	31	30	31		342
890	31	26	30	27	29	27	30	23	28	31	30	31		343
Geopotential at 200 mb														
1040								1						1
1050								4						8
1060							6	9	7	3	1			26
1070							10	19	14	13	6			62
1080							12	25	20	22	17			106
1090							14	30	22	26	22			139
1100	1	10	16	25	14	30	23	27	26	26	4			176
1110	7	4	19	20	27	19	30	23	27	29	17	4		226
1120	29	17	28	24	28	27	30	23	27	30	29	27		319
1130	30	26	30	26	29	27	30	23	27	30	30	30		338
1140	30	26	30	26	29	27	30	23	27	30	30	31		339
1150	31	26	30	26	29	27	30	23	27	30	30	31		340
Geopotential at 150 mb														
1210								1						1
1220								2	5					7
1230							2	8	7	2				19
1240							9	13	12	9				43
1250							11	23	18	18	10			80
1260				1	6	12	27	22	25	17				110
1270				7	12	13	29	23	27	22				133
1280		3	13	22	14	29	23	27	26	2				159
1290	1	10	17	26	19	29	23	27	27	6				185
1300	5	1	17	22	28	25	29	23	27	29	21	1		226
1310	25	13	27	25	28	25	29	23	27	29	29	20		300
1320	30	26	30	26	28	25	29	23	27	29	30	30		333
1330	31	26	30	26	28	25	29	23	27	29	30	31		335

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Upper Limit Range gpDm	Geopotential at 300 mb												2400 Hours GMT	
	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total	
800								1	2					3
810								2	6	4				13
820								10	17	10	10	4		57
830			1	11	11	12	23	19	21	14				112
840	2	1	14	19	22	13	27	22	29	20	5	2		176
850	18	11	25	22	27	16	29	24	29	26	15	20		262
860	30	26	28	24	27	24	29	24	29	26	26	30		323
870	30	28	29	28	28	28	29	24	29	27	30	31		341
880	30	28	30	28	28	28	29	24	29	27	30	31		342
890	30	28	30	28	29	28	29	24	29	27	30	31		343
Geopotential at 200 mb														
1050								6	4	4				8
1060								8	9	3				26
1070								11	18	15	13	4		61
1080				2	6	12	25	21	23	13				102
1090			1	11	19	14	28	24	29	19				145
1100		10	17	26	16	28	24	29	25	25				177
1110	6	2	20	21	27	21	28	24	29	26	16	6		226
1120	27	15	26	25	28	28	28	24	29	27	29	24		310
1130	30	27	30	28	28	28	28	24	29	27	30	30		359
1140	30	28	30	28	29	28	28	24	29	27	30	30		341
Geopotential at 150 mb														
1220								3	3					6
1230						1	7	8	2					18
1240						11	13	13	9	1				47
1250						12	23	18	19	8				80
1260				2	13	25	23	26	15					104
1270			6	16	15	27	23	29	19					135
1280		2	11	24	16	27	23	29	23					157
1290		9	19	28	22	27	23	29	25	6				188
1300	3	1	16	24	28	28	27	23	27	18	1			225
1310	25	10	26	27	29	28	27	23	27	29	20			300
1320	28	27	30	28	29	28	27	23	29	27	30	30		336
1330	30	28	30	28	29	28	27	23	29	27	30	30		339

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Upper Limit Range - C	Geopotential at 100 mb												1200 Hours G M T	
	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total	
1450								1	1					2
1460								3	6					9
1470								5	9	2				17
1480								7	12	11	4			34
1490								8	16	15	13			52
1500								9	23	20	16			76
1510								2	10	27	21			96
1520								8	11	27	21			114
1530								7	20	11	27			133
1540								10	27	17	27			153
1550								16	28	22	27			173
1560								1	11	22	28			193
1570								1	16	24	28			205
1580	25	13	25	26	28	23	27	27	21	25	29	29	13	280
1590	30	25	30	26	28	23	27	27	21	25	29	30	27	321
1600	31	25	31	26	28	23	27	27	21	25	29	30	31	326
Geopotential at Tropopause														
700					1	1	1							3
750	1	2			4	2	1							11
800	3	5	7	6	3	1			1			5	1	34
850	13	16	17	11	7	2		2	1	2	6	6	13	90
900	18	21	27	16	13	2	3	2	5	6	7	7	23	143
950	27	23	30	23	23	6	4	5	10	11	17	29	29	208
1000	30	25	30	24	26	9	7	12	15	19	25	31	31	251
1050	30	26	30	24	27	16	14	13	17	24	29	31	31	281
1100	31	26	30	24	27	26	26	18	19	26	30	31	31	314
1150	31	26	30	24	28	27	28	23	21	30	30	31	31	329
1200	31	26	30	25	28	27	29	23	25	26	30	31	31	334
1250	31	26	30	25	28	27	29	23	24	30	30	31	31	335
1300	31	26	30	25	28	27	29	23	25	30	30	31	31	337
1350	31	26	30	25	29	27	29	23	25	30	30	31	31	337
1400	31	26	30	25	29	27	29	23	25	26	30	30	31	337
1450	31	26	31	26	29	27	29	23	26	30	30	31	31	338
Pressure at Tropopause														
150					1									2
200					2	1	1	4	6	8	3			25
250	3	1	3	3	7	16	20	17	19	21	11	5		121
300	20	9	16	17	26	27	26	23	25	29	25	20		263
350	30	24	29	25	28	27	29	23	26	30	30	30		331
400	31	26	30	26	29	27	29	23	26	30	30	31		338

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Upper Limit Range gpDm	Geopotential at 100 mb												2400 Hours GMT	
	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total	
1450								2					2	8
1460							4	3	1				19	
1470						1	6	10	2				33	
1480					9	8	12	4					50	
1490					11	11	15	13					76	
1500					12	17	19	21	7				92	
1510		1			1	13	20	22	24	11			110	
1520	1	1	2		6	14	20	22	20	16			137	
1530	1	1	8		21	15	20	22	20	21			153	
1540	1	1	11		27	21	20	22	20	22			168	
1550	1	3	16		28	24	20	22	28	23	3		189	
1560	1	11	22		28	27	20	22	28	24	6		205	
1570	1	17	26		28	27	20	22	28	26	10		264	
1580	19	8	26	27	28	27	20	22	28	26	24	9	319	
1590	28	28	30	28	28	27	20	22	28	26	30	24	327	
1600	30	28	30	28	28	27	20	22	28	26	30	30		
Geopotential at Tropopause														
700	1		1		5		1		1		1		2	
750	3		2		6		1		1		3	4	15	39
800	7	4	7	6	6		1		1		7	10	83	
850	11	11	14	11	10		5		3	1	4	10	23	152
900	23	20	23	17	16	2	7		7	4	10	17	30	214
950	28	24	29	23	23	5	11		13	10	17	24	31	257
1000	30	27	29	24	25	13	15		22	17	24	31	288	
1050	30	28	30	27	26	20	20	4	24	21	27	31	325	
1100	30	28	30	28	27	27	24	17	27	26	30	31	331	
1150	30	28	30	28	28	27	25	21	27	26	30	31	336	
1200	30	28	30	28	28	28	27	22	27	27	30	31	338	
1250	30	28	30	28	28	28	27	23	28	27	30	31	339	
1300	30	28	30	28	28	28	27	23	29	27	30	31		
Pressure at Tropopause														
150					1	2	5	7	2	4	5		2	
200				5	6	21	16	21	19	17	13	1	22	
250	2	1	1	5	19	28	25	23	27	27	23	21	123	
300	19	15	18	19	19	28	25	23	27	27	29	31	264	
350	27	28	28	27	28	28	27	23	29	27	29	31	332	
400	30	28	30	28	28	28	27	23	29	27	30	31	339	

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE $\text{mb} \times 10^{-1}$	TEMPERATURES			SURFACE WIND			VISIBILITY VV	CLOUD AMOUNT Oktas	PRESENT WEATHER WW	PAST WEATHER W	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			ANEMOMETER WIND RUN St.miles	PRECIPITATION Points	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB °F	WET BULB °F	Dew Point °F	Direction $\times 10$	Speed kt	Direction $\times 10$	Speed kt	C _L	Type	Base	Middle	High	D _L	D _M	D _H	Direction $\times 10$	Speed kt	Maximum Wind Run St.miles	Minimum Wind Run St.miles				
01	02	9734	29			12	04	11	80	8	01	2	2	5	6	7	9	1	1	1	1				
05		9730	30			11	03	20	80	7	02	2	3	5	6	7	6	1	1	1	1				
08		9733	30			12	02	14	80	8	03	2	4	5	6	7	8	1	1	1	1				
11		9736	29			15	06	80	7	01	2	5	0	9	7	8	1	1	1	1					
14		9740	29			14	00	00	80	7	02	2	7	0	9	7	8	1	1	1	1				
17		9745	29			17	23	03	80	7	70	2	7	0	9	2	1	1	1	1					
20		9761	29			25	18	02	82	5	01	7	4	0	9	7	8	1	1	0	3	30	370		
23																						32	26		
02	02	9772	25			22	03	03	82	4	01	2	4	0	9	7	0	1	1	1	1				
05		9792	27			19	02	05	80	2	01	3	2	6	6	7	8	1	1	1	1				
08		9801	30			21	02	10	81	3	03	1	2	5	6	7	8	1	1	1	1				
11		9822	29			22	03	14	83	8	16	2	7	5	6	7	8	1	1	1	1				
14		9836	31			22	03	17	85	7	15	1	7	5	6	7	8	1	1	1	1				
17		9849	29			23	01	09	86	8	22	2	6	5	6	7	8	1	1	1	1				
20		9854	30			22	01	03	86	7	02	1	7	5	6	7	8	1	1	1	1				
23		9862	29			20	00	00	87	7	02	2	7	5	6	7	8	1	1	0	2	24	208		
03	02	9861	28			18	03	06	87	7	02	3	7	5	6	7	8	1	1	1	1				
05		9860	29			15	05	05	82	5	01	2	3	5	6	7	8	1	1	1	1				
08		9845	30			17	02	12	82	1	01	2	1	5	6	7	8	1	1	1	1				
11		9815	32			21	35	02	82	7	03	1	7	5	6	7	8	1	1	1	1				
14		9774	31			22	25	11	82	7	02	1	7	5	6	7	8	1	1	1	1				
17		9752	34			21	25	12	84	2	01	1	1	5	6	7	8	1	1	1	1				
20		9694	35			14	09	07	84	7	03	1	6	5	6	7	8	1	1	1	1				
23		9671	33			17	05	07	84	6	01	2	1	5	6	7	8	1	1	0	2	24	208		
04	02	9654	31			20	00	00	82	7	03	2	7	5	6	7	8	1	1	1	1				
05		9641	29			24	00	00	82	7	02	2	7	5	6	7	8	1	1	1	1				
08		9631	30			24	00	00	84	7	02	2	7	5	6	7	8	1	1	1	1				
11		9633	33			25	29	03	84	6	01	1	3	5	6	7	8	1	1	1	1				
14		9647	32			23	27	10	84	5	01	1	1	5	6	7	8	1	1	1	1				
17		9677	28			24	27	09	84	2	01	2	2	5	6	7	8	1	1	1	1				
20		9693	27			27	27	04	84	5	03	1	5	5	6	7	8	1	1	1	1				
23		9720	27			23	00	00	84	4	01	2	2	5	6	7	8	1	1	0	1	23	270		
05	02	9740	28			19	00	00	84	2	01	1	1	5	6	7	8	1	1	1	1				
05		9765	29			19	02	05	80	7	03	1	6	5	6	7	8	1	1	1	1				
08		9779	31			21	02	05	80	7	03	1	7	5	6	7	8	1	1	1	1				
11		9798	34			21	36	07	82	3	01	2	3	5	6	7	8	1	1	1	1				
14		9805	32			21	36	06	84	2	01	1	2	5	6	7	8	1	1	1	1				
17		9806	34			21	36	07	84	1	01	1	1	5	6	7	8	1	1	1	1				
20		9779	32			21	00	00	84	1	01	1	1	5	6	7	8	1	1	0	1	25	171		
23		9782	30			18	00	00	84	1	02	1	1	5	6	7	8	1	1	0	1				
06	02	9775	29			18	04	07	84	5	03	1	5	5	6	7	8	1	1	1	1				
05		9771	30			20	02	06	82	7	03	2	7	5	6	7	8	1	1	1	1				
08		9769	30			21	02	11	80	7	03	2	7	5	6	7	8	1	1	1	1				
11		9764	31			19	36	05	80	7	03	2	7	5	6	7	8	1	1	1	1				
14		9762	31			21	25	09	84	5	01	1	5	5	6	7	8	1	1	1	1				
17		9763	33			22	29	11	84	2	01	1	2	5	6	7	8	1	1	1	1				
20		9769	33			24	25	07	84	2	02	1	1	5	6	7	8	1	1	1	1				
23		9779	29			21	00	00	84	6	03	1	4	5	6	7	8	1	1	0	1	209	35		
07	02	9785	29			25	22	03	84	6	02	1	3	5	6	7	8	1	1	1	1				
05		9799	29			25	24	07	84	2	01	1	0	1	1	1	1	1	1	1	1				
08		9807	30			24	25	07	84	2	02	1	0	1	1	1	1	1	1	1	1				
11		9799	31			26	25	05	84	1	01	1	0	1	1	1	1	1	1	1	1				
14		9850	31			25	24	09	84	2	02	1	0	1	1	1	1	1	1	1	1				
17		9859	31			23	24	08	84	1	01	1	0	1	1	1	1	1	1	1	1				
20		9843	32			17	22	05	84	2	03	1	0	1	1	1	1	1	1	1	1				
23		9848	29			22	23	03	84	1	01	1	1	5	6	7	8	1	1	0	1	241	32		
08	02	9852	27			23	23	03	84	2	01	1	2	5	6	7	8	1	1	1	1				
05		9851	28			23	00	00	84	1	02	1	0	1	0	0	9	0	8	1	1				
08		9850	31			21	36	04	84	1	02	1	1	0	0	9	3	0	1	1	1				
11		9853	32			20	36	06	84	6	03	1	6	0	0	9	3	0	1	1	1				
14		9851	32			17	35	03	87	6	03	1	6	0	0	9	3	0	1	1	1				
17		9852	32			23	24	06	82	6	02	2	6	0	0	9	3	0	1	1	1				
20		9849	30			24	23	06	82	7	03	2	7	0	0	9	3	0	1	1	1				
23		9851	29			28	23	08	82	7	03	2	2	5	6	7	8	1	1	1	1	200	33		
09	02	9858	28			25																			

Results of Surface Observations,
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LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE $\text{mb} \times 10^{-1}$	TEMPERATURES			SURFACE WIND		VISIBILITY CLOUD AMOUNT	PRESENT WEATHER	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			EXTREME TEMPERATURES	
				DRY BULB °F	WET BULB °F	$\Delta \times 10$	KT	DIRECTION			C_L	Type	C_M	C_H	D_L	D_M	D_H	$\Delta \times 10$	KT	St. miles	Points
				DEW POINT °F	DEW POINT °F																
10	02	9895	28	25	03	10	48	73	7	Present Weather:	Past Weather:	Low Cloud			Direction of Cloud Movement			Maximum Wind Gust			Extreme Temperatures
	05	9907	29	27	04	10	66	7	70		7	6	5	5	8	1	1	8			
	08	9912	31	22	04	10	74	7	01		7	5	5	5	5	1	1				
	11	9915	31	20	01	09	74	7	02		7	5	5	5	5	1	1				
	14	9921	32	19	36	05	80	7	01		7	5	5	5	5	1	1				
	17	9920	31	21	36	02	80	7	02		7	5	5	5	5	1	1				
	20	9919	30	21	00	00	80	7	02		7	5	5	5	5	1	1				
11	23	9917	30	25	23	03	80	6	01	Present Weather:	7	6	5	5	5	1	1	04	20	254	Extreme Temperatures
	02	9912	25	17	00	00	82	5	01		1	1	1	1	1	1	1	1	1		
	05	9918	29	17	07	04	84	4	01		1	1	1	1	1	1	1	1	1		
	08	9919	30	18	02	01	84	4	02		1	1	1	1	1	1	1	1	1		
	11	9923	31	18	01	15	84	4	03		1	1	1	1	1	1	1	1	1		
	14	9927	32	18	36	11	84	6	01		1	2	5	5	5	1	1	1	1		
	17	9927	31	18	35	04	84	6	01		1	3	5	5	5	1	1	1	1		
12	20	9923	29	18	00	00	84	7	03	Present Weather:	1	5	5	5	5	1	1	02	21	180	Extreme Temperatures
	23	9923	29	20	34	02	82	7	02		2	6	8	5	5	1	1	02	21	180	
	02	9920	27	17	03	04	82	7	02		2	7	5	5	5	1	1	1	1		
	05	9920	27	19	00	00	82	7	02		2	7	5	5	5	1	1	1	1		
	08	9913	28	20	00	00	82	7	01		2	6	8	5	5	1	1	1	1		
	11	9908	31	22	26	02	82	4	01		2	2	5	5	5	1	1	1	1		
	14	9907	32	21	26	05	84	3	01		1	1	1	1	1	1	1	1	1		
13	17	9905	31	21	25	06	84	3	02	Present Weather:	1	2	5	5	5	1	1	02	23	11	Extreme Temperatures
	20	9903	32	20	22	04	84	0	01		1	0	0	0	0	1	1	02	23	11	
	23	9904	31	17	00	00	84	1	02		1	1	1	1	1	1	1	02	23	11	
	02	9906	25	19	00	00	84	1	02		1	1	1	1	1	1	1	02	23	11	
	05	9906	27	19	00	00	84	1	02		1	1	1	1	1	1	1	02	23	11	
	08	9907	30	22	36	04	84	0	01		1	0	0	0	0	1	1	02	23	11	
	11	9917	31	25	36	10	84	3	03		1	3	2	5	5	1	1	02	23	11	
14	14	9923	33	18	36	06	84	1	01	Present Weather:	1	1	1	1	1	1	1	02	23	11	Extreme Temperatures
	17	9927	32	18	00	00	84	1	02		1	1	1	1	1	1	1	02	23	11	
	20	9931	32	20	00	00	84	1	02		1	1	1	1	1	1	1	02	23	11	
	23	9937	30	21	00	00	84	1	02		1	1	1	1	1	1	1	02	23	11	
	02	9947	26	15	03	10	84	4	03		1	4	4	5	5	0	0	1	36	13	Extreme Temperatures
	05	9949	28	15	03	10	84	1	01		1	1	1	1	1	1	1	1	36	13	
	08	9952	28	15	02	15	84	1	02		1	1	1	1	1	1	1	1	36	13	
15	11	9948	30	19	02	15	84	1	02	Present Weather:	1	1	1	1	1	1	1	1	1	1	Extreme Temperatures
	14	9943	31	18	01	16	84	1	03		1	1	1	1	1	1	1	1	1	1	
	17	9934	32	21	01	04	84	2	03		1	2	4	5	5	0	0	1	36	13	
	20	9922	31	20	00	00	84	5	03		1	1	4	5	5	0	0	1	36	13	
	23	9911	29	18	00	00	84	6	03		1	1	4	5	5	0	0	1	36	13	
	02	9907	27	13	04	10	84	6	02		1	1	4	5	5	0	0	1	36	24	
	05	9903	25	14	03	07	84	7	03		2	0	0	0	0	1	1	1	36	24	
16	08	9890	31	13	04	10	84	7	03	Present Weather:	2	0	0	0	0	1	1	1	03	43	Extreme Temperatures
	11	9881	32	19	14	18	74	7	15		7	8	7	5	5	1	1	1	03	43	
	14	9873	30	27	04	20	16	73	7		7	5	5	5	5	1	1	1	03	43	
	17	9865	32	24	04	29	58	8	70		7	3	7	5	5	1	1	1	03	43	
	20	9875	32	23	04	22	56	8	22		7	2	7	5	5	1	1	1	03	43	
	23	9893	30	23	03	15	73	7	7		2	1	1	1	1	1	1	1	03	43	
	02	9898	30	21	03	11	74	7	02		2	7	5	5	5	1	1	1	03	43	
17	05	9922	28	15	07	05	84	1	03	Present Weather:	1	1	1	1	1	1	1	1	1	1	Extreme Temperatures
	08	9915	31	16	02	14	80	6	03		1	5	5	5	5	1	1	1	1	1	
	11	9906	31	18	02	14	74	8	03		2	7	5	5	5	1	1	1	1	1	
	14	9893	32	19	36	14	74	6	01		2	2	5	5	5	1	1	1	1	1	
	17	9877	33	20	36	07	80	5	01		1	3	5	5	5	1	1	1	1	1	
	20	9853	34	16	02	14	80	5	01		1	3	5	5	5	1	1	1	1	1	
	23	9834	29	13	02	08	84	2	01		1	0	0	0	0	1	1	1	1	1	
18	02	9803	25	08	11	03	84	1	01	Present Weather:	1	0	0	0	0	0	0	0	0	0	Extreme Temperatures
	05	9781	25	06	08	05	84	1	02		1	0	0	0	0	0	0	0	0	0	
	08	9777	28	07	05	12	84	0	01		1	0	0	0	0	0	0	0	0	0	
	11	9748	29	09	03	19	84	1	02		1	1	5	5	5	0	0	0	0	0	
	14	9748	29	15	36	12	84	2	03		1	2	5	5	5	0	0	0	0	0	
	17	9754	30	16	01	11	84	2	02		1	2	5	5	5	0	0	0	0	0	

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND			VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			EXTREME TEMPERATURES						
			DRY BULB	WET BULB	DEWPPOINT	DIRECTION	SPEED	Oktas				WW	W	Oktas	C _L	TYPE	BASE	C _M	C _H	D _L	D _M	D _H	Direction	Speed	MAXIMUM	MINIMUM	
DAY	HOUR	mb x 10 ⁻³	°F	°F	°x 10	kt	VV														°x 10	kt	Points	°F	°F		
19	02	9789	25			15	05	03	84	2	02	1	2	5	6	0	0	0	0	1							
	05	9801	26			11	04	04	84	2	01	1	2	5	6	0	0	0	0	5	7	6	8				
	08	9810	29			12	02	13	84	4	03	1	2	5	6	0	0	0	0	5	7	7	7				
	11	9827	29			13	36	14	84	4	01	1	2	5	6	0	0	0	0	5	7	7	7				
	14	9838	31			14	36	08	84	2	01	1	2	5	7	0	1	1	1	7	7	7	7				
	17	9852	30			15	29	02	84	2	01	1	2	4	6	0	0	1	1	7	7	7	7				
	20	9856	29			16	26	01	84	3	03	1	2	4	6	0	0	1	1	7	7	7	7				
20	23	9871	29			16	00	00	84	5	03	1	3	4	6	0	0	0	0	8	7	7	36	20	276	32 25	
	02	9880	25			14	02	05	84	5	03	1	4	5	6	0	0	0	0	9	7	7	7				
	05	9886	25			13	00	00	84	5	03	1	3	5	5	3	0	0	0	0	9	7	7	7			
	08	9884	27			16	36	07	84	6	03	2	6	3	6	0	0	0	0	9	7	7	7				
	11	9882	30			14	36	12	84	2	01	1	2	2	7	1	0	0	0	0	7	7	7	7			
	14	9885	31			16	36	06	84	2	02	1	2	4	7	0	0	0	0	7	7	7	7				
	17	9885	30			16	30	02	84	1	01	1	1	5	5	0	0	0	0	0	7	7	7	7			
21	20	9876	32			21	25	03	84	2	01	1	1	5	6	3	0	0	0	0	0	0	0	0	0	0	
	23	9875	29			18	18	01	84	1	01	0	1	5	5	3	0	0	0	0	0	0	0	0	0	0	
	02	9875	23			11	14	02	84	1	01	0	1	0	0	7	3	0	0	0	0	0	0	0	0	0	
	05	9867	25			13	16	03	84	6	03	2	6	5	5	3	0	0	0	0	0	0	0	0	0	0	
	08	9861	29			12	16	02	84	7	03	2	1	1	5	5	3	0	0	0	0	0	0	0	0	0	
	11	9856	29			16	27	06	84	7	03	2	6	5	5	3	0	0	0	0	0	0	0	0	0	0	
	14	9859	29			16	24	09	84	7	03	2	7	0	0	0	0	0	0	0	0	0	0	0	0	0	
22	17	9863	29			18	23	07	84	6	01	2	6	1	5	5	6	0	0	0	0	0	0	0	0	0	
	20	9880	27			17	23	07	84	1	01	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	23	9880	25			17	18	01	84	1	02	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	02	9883	23			10	13	01	84	1	02	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	05	9894	27			12	00	00	84	7	15	1	7	0	0	0	0	0	0	0	0	0	0	0	0	0	
	08	9904	28			11	00	00	84	7	15	1	7	5	5	5	0	0	0	0	0	0	0	0	0	0	
	11	9904	28			14	00	00	84	8	15	2	8	5	5	5	0	0	0	0	0	0	0	0	0	0	
23	14	9911	29			17	24	09	84	7	03	1	3	5	5	5	0	0	0	0	0	0	0	0	0	0	
	17	9910	30			15	20	04	84	7	03	2	7	0	0	0	0	0	0	0	0	0	0	0	0	0	
	20	9908	30			13	18	06	84	7	02	2	6	0	0	0	0	0	0	0	0	0	0	0	0	0	
	23	9911	28			17	18	04	84	4	01	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	02	9913	22			10	16	09	84	4	02	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	05	9917	24			11	11	07	84	5	02	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	08	9924	27			13	01	07	84	7	03	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	11	9931	29			16	35	09	84	5	01	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	14	9912	32			17	36	07	84	3	01	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	17	9912	31			17	00	00	84	6	03	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	20	9907	30			17	00	00	84	2	01	1	1	5	6	0	0	0	0	0	0	0	0	0	0	0	
	23	9914	29			14	29	01	84	1	01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	02	9907	25			10	04	03	84	4	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	05	9908	25			09	03	02	84	1	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
25	08	9909	28			11	36	10	84	1	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	11	9898	30			12	36	18	84	1	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	14	9899	33			15	36	03	84	1	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	17	9896	32			13	36	10	84	0	01	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	20	9894	30			14	36	09	84	2	02	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	23	9896	28			10	02	04	84	3	02	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	02	9895	25			09	10	03	84	5	03	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26	05	9897	26			07	05	02	84	7	03	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	08	9892	28			09	01	05	84	7	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	11	9892	30			13	36	08	84	8	03	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	14	9885	31			13	36	07	84	8	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	17	9873	28			18	36	12	84	8	03	2	4	5	5	3	0	0	0	0	0	0	0	0	0	0	
	20	9881	27			18	35	02	84	8	03	2	7	5	5	3											

Results of Surface Observations,
DAVIS JAN., 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE $\text{mb} \times 10^{-1}$	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST	ANEMOMETER WIND RUN	EXTREME TEMPERATURES			
				DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION * x 10 kt	SPEED ft/sec				C _L	C _M	C _H	D _L	D _M	D _H	kt	St.miles	Points	MAXIMUM °F	MINIMUM °F	
28	02	9881	23				08	04	02	84	3	01	1	0	0	9	9	9	0				
	05	9864	24				06	04	10	84	7	03	2	2	2	6	6	6	2				
	08	9845	26				08	03	17	84	8	14	5	5	5	6	6	6	2				
	11	9832	27				11	03	20	84	8	02	2	2	2	2	2	2	2				
	14	9819	28				17	03	17	84	7	09	N	N	N	N	N	N	N				
	17	9831	29				16	04	22	82	8	14	1	1	1	5	5	5	5				
	20	9833	29				16	03	13	80	8	14	N	N	N	N	N	N	N				
29	02	9820	25	25	16	02	58	8	22	7	8	6	6	4					8	8			
	05	9815	29	20	00	00	74	8	02	2	2	2	2	2	2	2	2	2	2	2			
	08	9814	31	18	03	09	80	8	02	2	2	2	2	2	2	2	2	2	2	2			
	11	9794	32	20	36	04	82	8	02	2	2	2	2	2	2	2	2	2	2	2			
	14	9793	30	25	22	02	65	8	70	2	2	2	2	2	2	2	2	2	2	2			
	17	9781	32	26	00	00	65	8	70	2	2	2	2	2	2	2	2	2	2	2			
	20	9772	32	24	18	07	80	7	01	2	2	2	2	2	2	2	2	2	2	2			
	23	9770	31	21	05	05	80	8	03	2	2	2	2	2	2	2	2	2	2	2			
30	02	9768	30	16	03	12	80	6	01	1	8	5	5	5				1	8	8			
	05	9750	30	14	06	17	80	7	14	2	2	2	2	2	2	2	2	2	2	2			
	08	9745	31	12	05	14	80	8	02	2	2	2	2	2	2	2	2	2	2	2			
	11	9736	35	12	05	13	84	7	01	1	1	1	3	3	3	3	3	3	3	3			
	14	9730	35	16	36	09	84	5	01	1	2	0	0	0	0	0	0	0	0	0			
	17	9732	32	17	00	00	84	4	01	1	1	1	1	1	1	1	1	1	1	1			
	20	9738	33	18	22	06	84	7	03	1	1	0	0	0	0	0	0	0	0	0			
	23	9747	31	18	00	00	82	5	03	1	1	1	5	5	4	5	5	5	1	2	2		
31	02	9761	29	14	09	01	82	7	01	1	2	5	5	5	7	5	5	1					
	05	9774	28	11	09	09	84	3	01	1	1	1	5	5	5	4	5	5	1	8			
	08	9789	30	11	03	16	84	5	03	1	1	1	0	0	0	4	4	4	1	1	1		
	11	9794	32	13	01	16	84	5	02	1	1	1	0	0	0	4	4	4	1	1	1		
	14	9797	32	15	01	13	84	1	01	1	1	1	0	0	0	3	3	3	0	0	0		
	17	9801	32	16	36	12	84	3	03	1	3	3	0	0	0	9	9	9	3	0	0		
	20	9809	30	17	36	05	84	4	03	1	3	0	0	0	0	9	9	9	3	0	0		
	23	9815	29	17	01	04	84	7	03	2	2	0	0	0	0	9	9	9	3	0	0		

Results of Surface Observations,
DAVIS FEB. 1962

LOCAL STANDARD TIME		STATION LEVEL PRESSURE mb x 10 ⁻¹	TEMPERATURES		SURFACE WIND		VISIBILITY mi x 10 ⁻¹	CLOUD AMOUNT Oktas	PRESENT WEATHER	LOW CLOUD		DIRECTION OF CLOUD MOVEMENT		MAXIMUM WIND GUST mi x 10 ⁻¹	ANEMOMETER WIND RUN Points	EXTREME TEMPERATURES			
DAY	HOUR		DRY BULB °F	WET BULB °F	DEN POINT °x 10 ⁻¹	DIRECTION °	SPEED kt			F _L	Type	LOW	MIDDLE	HIGH	Direction	Speed	MAXIMUM °F	MINIMUM °F	
			in	in	in	in	in			in	in	D _L	D _M	D _H	kt	mi	mi	mi	
01	02	9 7 6 1	2 9		1 4	0 9	0 1	8 2	9	0 1	1	2	5	7	1	2	2 7	2 7	
05		9 8 5 7	2 8		1 5	0 4	0 1	8 2	8	0 3	2	2	5	5	8	8	8	8	
08		9 8 4 2	2 9		1 4	0 2	0 1	8 2	7	0 2	2	2	7	5	7	8	8	8	
11		9 8 5 3	2 9		1 3	3 6	0 8	8 4	7	0 2	2	2	7	5	5	5	5	5	
14		9 8 6 0	3 0		1 7	3 4	1 1	8 4	6	0 1	2	2	6	5	5	5	5	5	
17		9 8 5 2	3 0		1 7	3 6	0 8	8 4	7	0 3	2	2	1	5	5	5	5	5	
20		9 8 6 3	2 8		1 7	0 1	0 5	8 4	7	0 1	2	2	0	0	9	9	9	9	
23		9 8 6 7	2 6		1 5	0 0	0 0	8 4	6	0 1	2	1	5	6	6	5	5	5	
02	02	9 8 7 1	2 3		0 9	0 4	0 4	8 4	5	0 1	2	0	0	8	8	8	8	8	
05		9 8 7 3	2 4		0 9	0 5	0 2	8 4	3	0 2	2	0	7	5	5	5	5	5	
08		9 8 6 7	2 6		1 2	0 2	1 3	8 2	7	0 3	2	7	7	5	5	5	5	5	
11		9 8 6 7	2 5		1 1	0 2	1 3	8 0	8	0 2	2	8	8	8	8	8	8	8	
14		9 8 7 0	2 6		1 3	0 2	1 3	8 0	8	0 2	2	8	8	8	8	8	8	8	
17		9 8 7 0	2 7		1 8	0 2	1 2	5 8	8	0 2	2	6	8	8	8	8	8	8	
20		9 8 6 3	2 6		1 8	0 1	0 9	5 8	7	0 2	2	6	7	7	7	7	7	7	
23		9 8 6 1	2 5		1 3	0 3	0 8	7 4	8	0 3	2	8	8	5	5	5	5	5	
03	02	9 8 6 5	2 5		1 9	0 3	1 3	6 6	8	0 3	7	8	8	6	6	6	6	6	
05		9 8 6 4	2 2		2 2	0 8	0 2	3 2	8	0 2	7	8	8	6	6	6	6	6	
08		9 8 6 4	2 3		2 2	0 4	0 4	3 2	8	0 2	7	8	8	6	6	6	6	6	
11		9 8 5 5	2 6		1 5	0 3	1 3	5 8	8	0 5	2	8	8	6	6	6	6	6	
14		9 8 5 2	2 7		1 5	0 3	1 5	6 6	7	0 1	2	7	7	5	5	5	5	5	
17		9 8 4 7	2 8		1 5	3 6	1 3	8 0	7	0 1	2	7	7	5	5	5	5	5	
20		9 8 4 2	2 7		1 6	0 1	0 9	8 2	8	0 5	1	3	5	5	5	5	5	5	
23		9 8 5 7	2 5		1 0	0 5	0 3	6 6	8	0 1	2	1	5	5	5	5	5	5	
04	02	9 8 8 5	2 1		0 9	0 0	0 0	8 2	8	0 2	2	0	0	9	9	9	9	9	
05		9 8 8 5	2 1		0 8	0 4	0 4	8 2	8	0 2	2	0	0	9	9	9	9	9	
08		9 8 8 4	2 3		0 7	0 2	0 8	8 2	8	0 1	2	0	0	9	9	9	9	9	
11		9 8 8 2	2 5		0 9	0 1	1 6	8 4	5	0 1	1	1	5	5	5	5	5	5	
14		9 8 8 2	2 7		1 1	3 6	1 6	8 4	5	0 1	1	2	5	5	5	5	5	5	
17		9 8 8 2	2 7		1 1	0 1	1 6	8 4	5	0 1	1	2	5	5	5	5	5	5	
20		9 8 9 0	2 4		1 9	3 6	1 2	3 2	8	0 2	7	8	8	6	6	6	6	6	
23		9 8 8 5	2 5		1 7	3 6	1 8	6 6	8	0 2	7	8	8	5	5	5	5	5	
05	02	9 8 5 8	2 3		1 5	0 3	1 8	5 8	8	0 2	2	8	8	5	5	5	5	5	
05		9 8 7 9	2 2		1 6	0 2	1 8	8 0	4	0 1	8	4	7	5	5	5	5	5	
08		9 8 9 5	2 3		1 3	0 1	1 9	6 5	7	0 3	7	7	7	5	5	5	5	5	
11		9 9 0 5	2 5		1 3	0 2	1 7	7 4	8	0 5	2	8	8	5	5	5	5	5	
14		9 9 1 4	2 7		1 5	3 6	1 0	8 0	7	0 1	2	7	7	5	5	5	5	5	
17		9 9 2 0	2 5		1 5	2 9	0 2	8 0	7	0 2	2	7	7	5	5	5	5	5	
20		9 9 1 0	2 6		1 6	2 3	1 0	8 2	7	0 2	2	7	7	5	5	5	5	5	
23		9 9 0 5	2 1		1 0	1 6	0 5	8 2	5	0 1	2	3	5	5	5	5	5	5	
06	02	9 8 9 8	1 5		0 4	1 4	1 0	8 2	2	0 1	2	2	7	5	5	5	5	5	
05		9 8 9 6	1 7		0 5	1 1	0 4	8 4	1	0 1	2	2	7	5	5	5	5	5	
08		9 8 8 0	2 3		0 5	1 3	0 2	8 4	2	0 2	2	2	7	5	5	5	5	5	
11		9 8 7 5	2 5		1 5	2 7	0 3	8 4	1	0 2	2	2	7	5	5	5	5	5	
14		9 8 7 6	2 3		0 6	2 7	0 7	8 4	1	0 2	2	2	7	5	5	5	5	5	
17		9 8 8 0	2 3		1 7	2 7	0 6	8 4	1	0 2	2	2	7	5	5	5	5	5	
20		9 8 8 7	2 4		1 7	2 7	0 2	8 4	1	0 2	2	2	7	5	5	5	5	5	
23		9 9 0 3	2 3		1 7	0 0	0 0	8 4	1	0 2	2	2	7	5	5	5	5	5	
07	02	9 9 0 7	1 9		0 9	1 4	0 5	8 4	1	0 2	2	1	2	5	5	5	5	5	
05		9 9 2 3	1 9		0 9	1 6	0 2	8 4	1	0 2	2	1	1	5	5	5	5	5	
08		9 9 3 3	2 3		1 4	0 0	0 0	8 4	1	0 2	2	1	1	5	5	5	5	5	
11		9 9 4 0	2 5		1 7	0 0	0 0	8 4	1	0 2	2	1	1	5	5	5	5	5	
14		9 9 4 9	2 5		1 6	2 8	0 2	8 4	1	0 2	2	1	1	5	5	5	5	5	
17		9 9 3 5	2 5		1 3	2 5	0 6	8 4	0	0 2	2	0	0	0	0	0	0	0	
20		9 9 5 1	2 7		1 6	2 6	0 6	8 4	1	0 2	2	0	0	0	0	0	0	0	
23		9 9 4 6	2 4		1 4	0 0	0 0	8 4	1	0 2	2	0	0	0	0	0	0	0	
08	02	9 9 4 8	2 2		0 9	0 0	0 0	8 4	2	0 3	0	0	0	9	9	9	9	9	
05		9 9 4 4	2 4		0 8	1 4	0 3	8 4	3	0 3	1	0	0	9	9	9	9	9	
08		9 9 3 6	2 9		0 3	0 5	0 4	8 4	7	0 3	1	0	0	9	9	9	9	9	
11		9 9 3 7	3 1		1 3	3 6	0 3	8 4	6	0 3	1	0	0	9	9	9	9	9	
14		9 9 3 1	3 1		1 6	2 7	0 1	8 4	7	0 2	1	0	0	9	9	9	9	9	
17		9 9 3 1	3 2		1 8	0 0	0 0	8 4	7	0 3	2	0	0	9	9	9	9	9	
20		9 9 2 7	3 4		2 1	3 4	0 5	8 2	6	0 3	2	0	0	9	9	9	9	9	
23		9 9 2 4	3 4		1 7	0 4	1 6	8 0	6	0 2	2	0	0	9	9	9	9	9	
09	02	9 9 2 5	3 2		1 3	0 0	0 0	8 2	8	0 2	2	0	0	9	9	9	9	9	
05		9 9 2 5	3 1		1 2	0 2	1 5	8 2	6	0 1	2	0	0	9	9	9	9	9	
08		9 9 2 7	3 3		1 2	0 2	1 7	8 0	5	0 9	2	0	0	9	9	9	9	9	
11		9 9 4 2	3 5		1 2	0 3	1 9	8 2	6	0 9	0	0	0	9	9	9	9	9	
14		9 9 3 0	3 8		1 1	0 4	2 4	8 4	6	0 2	2	0	0	9	9	9	9	9	
17		9 9 3 7	3 6		0 8	0 4	1 6	8 2	6	0 3	2	0	0	9	9	9	9	9	
20		9 9 3 1	3 2		0 9	0 6	0 6	8 0	7	0 3	2	0	0	9	9	9	9	9	
23		9 9 4 5	2 9		0 9	0 6	1 3	8 2	6	0 1	2	0	0	9	9	9	9	9	

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	PRESENT WEATHER		LOW CLOUD		Type	HIGH CLOUD			Low	Middle	High	Direction	Speed	Anemometer Wind Run	Precipitation	Maximum Temperature	Minimum Temperature					
		mb x 10 ⁻¹	°F	°F	°F	°x 10	kt	VV	Oktas	WW	W	Oktas	Amount	C _L	h	C _M	C _H	D _L	D _M	D _H	°x 10	kt	St. miles	Points	°F	°F					
10	02	9951	27			0.9	0.4	14	80	7	0.2	2	0	9	7	0		1													
	05	9967	27			0.9	0.6	16	80	7	0.2	2	2	5	6	0	8														
	08	9957	29			1.2	0.4	11	82	4	0.1	2	2	3	5	6	0														
	11	9956	31			1.6	0.6	12	80	7	0.3	2	2	7	5	6	0														
	14	9953	32			1.7	0.6	0.8	80	7	0.2	2	2	8	5	6	0														
	17	9951	32			1.7	0.5	0.5	82	8	0.2	2	2	8	5	6	0														
	20	9939	31			1.9	0.0	0.0	82	7	0.1	2	2	7	5	6	0														
	23	9939	31			1.9	1.0	0.2	82	7	0.2	2	2	7	5	6	0														
11	02	9933	27			1.9	1.2	0.5	82	2	0.2	2	2	5	6	0	5	1													
	05	9927	24			1.3	1.0	0.9	84	4	0.3	1	1	0	5	6	0	3	1												
	08	9919	31			1.6	0.9	0.3	84	4	0.3	1	1	0	5	6	0	3	1												
	11	9911	33			1.7	0.0	0.0	84	2	0.2	2	2	0	5	6	0	5	1												
	14	9907	33			1.8	3.6	0.3	84	7	0.3	1	1	6	5	7	0	5	1												
	17	9902	34			1.8	0.4	1.3	82	7	0.2	2	2	7	8	7	0	5	1												
	20	9904	32			1.6	0.5	0.9	82	5	0.1	2	2	5	6	0	5	1													
	23	9904	30			1.4	0.5	0.9	80	5	0.2	2	1	5	5	7	0	5	1												
12	02	9911	26			1.1	1.6	0.2	80	3	0.1	1	1	3	5	7	0	5	1												
	05	9907	27			1.2	1.1	0.8	58	7	7.0	2	2	2	5	6	4	4	1												
	08	9913	29			1.2	0.6	0.8	82	3	1.5	2	2	2	5	6	4	4	1												
	11	9914	33			1.2	0.5	1.0	82	3	0.1	2	2	3	5	6	4	4	2												
	14	9910	35			1.4	0.5	1.5	82	2	0.1	1	1	1	5	6	4	4	4												
	17	9906	34			1.6	2.1	0.9	82	2	0.2	2	2	7	5	6	1	1	1												
	20	9906	33			1.8	2.7	0.2	84	3	0.2	1	1	3	5	6	1	1	1												
	23	9903	26			1.2	1.4	0.4	84	1	0.1	1	0	0	9	1	0	4	21	212			3.5	2.4							
13	02	9885	24			1.1	0.0	0.0	84	1	0.1	1	1	0	0	0	9	1	1	3	1										
	05	9876	24			1.2	0.0	0.0	84	3	0.2	1	1	0	0	0	9	1	1	3	1										
	08	9868	30			1.2	0.5	0.5	84	3	0.2	1	1	0	0	0	9	5	1	1	1										
	11	9859	32			1.6	3.6	1.0	84	5	0.3	1	1	0	0	0	9	7	1	1	1										
	14	9856	32			1.8	3.6	0.8	84	7	0.3	1	1	2	0	0	9	4	2	1	1										
	17	9855	32			1.8	3.6	0.2	84	3	0.2	1	1	2	0	0	8	4	4	1	1										
	20	9858	30			1.7	0.5	0.6	84	8	0.3	1	1	2	0	0	8	4	4	1	1	3.6	2.3								
	23	9873	28			1.7	0.0	0.0	84	8	0.2	1	1	0	0	0	8	4	4	1	1	3.6	2.3								
14	02	9879	27			1.8	0.6	0.1	84	4	0.1	1	1	0	0	0	9	7	0	9	1										
	05	9889	29			2.3	0.7	0.6	58	7	1.5	2	2	7	6	5	7	0	1	1	1										
	08	9887	31			2.3	0.2	0.6	80	7	0.3	2	2	1	5	5	7	0	1	1	1										
	11	9887	33			2.6	3.6	0.2	82	7	0.2	2	2	2	5	6	7	0	1	1	1										
	14	9880	32			2.5	2.6	0.3	82	7	0.2	2	2	7	8	6	7	0	1	1	1										
	17	9886	35			2.5	2.1	0.8	82	7	0.2	2	2	7	5	6	7	0	1	1	1										
	20	9861	34			2.5	1.8	0.1	84	4	0.3	1	1	2	5	6	4	5	1	1	1	0.7	20	203			3.5	2.6			
	23	9863	30			1.7	0.8	1.3	82	3	0.2	1	1	1	5	6	3	1	1	1	1										
15	02	9869	29			1.5	0.2	1.0	82	3	0.2	1	1	3	0	0	9	3	1	1	2										
	05	9875	30			1.3	0.7	1.8	84	3	0.2	1	1	3	0	0	9	3	1	1	1										
	08	9870	31			1.4	0.7	3.0	84	1	0.1	1	1	1	0	0	9	8	0	1	1										
	11	9871	33			1.8	0.2	3.2	84	1	0.9	1	1	2	0	0	9	8	0	1	1										
	14	9876	32			1.7	0.3	2.4	74	8	0.3	2	2	8	5	5	5	0	1	1	1										
	17	9866	32			1.6	0.2	2.0	55	6	0.1	2	2	6	5	5	5	5	1	1	1										
	20	9853	30			1.4	0.2	0.9	84	0	0.1	1	1	0	0	0	9	3	1	1	1										
	23	9841	28			1.2	0.5	0.3	84	0	0.2	1	1	0	0	0	9	7	1	1	1										
16	02	9827	25			0.9	0.6	0.5	84	0	0.2	0	0	0	0	0	7	7	1	1	1										
	05	9813	25			1.0	0.4	0.3	84	1	0.3	1	1	1	0	1	5	5	5	1	1										
	08	9797	29			1.4	0.3	1.4	84	2	0.2	2	2	2	5	5	5	5	1	1	1										
	11	9791	31			1.6	0.2	1.8	84	1	0.2	1	1	1	0	1	5	5	5	1	1										
	14	9807	33			2.0	0.1	1.8	84	3	0.3	0	0	3	0	0	9	3	1	1	1										
	17	9808	32			2.0	3.6	0.2	84	3	0.3	0	0	3	0	0	9	3	1	1	1										
	20	9794	32			2.2	2.0	1.0	84	8	0.3	0	0	2	1	1	5	5	0	7	1										
	23	9772	31			2.2	1.8	0.2	84	6	0.3	2	2	1	0	0	9</td														

Results of Surface Observations,
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LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE mb $\times 10^{-1}$	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER			LOW CLOUD			MIDDLE CLOUD			HIGH CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN			PRECIPITATION		EXTREME TEMPERATURES	
				DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION °x 10	SPEED kt			PAST WEATHER	AMOUNT	CLOUD TYPE	BASE	C _L	C _M	C _H	D _L	D _M	D _H	LOW	MIDDLE	HIGH	DIRECTION	LOW	MIDDLE	HIGH	DIRECTION	LOW	St. miles	Points	MAXIMUM =°F	MINIMUM =°F	
							VV				Oktas	WW	W	Oktas	C _L	C _M	C _H	D _L	D _M	D _H	°x 10	kt	St. miles	Points										
19	02	9888	30		17	11	03	82	7	02	2	7	0	8	6	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	32	24		
	05	9879	28		15	12	02	84	7	02	2	3	0	5	5	4	0	1	1	1	1	1	1	1	1	1	1	1	1	1				
	08	9871	30		11	36	06	84	1	01	1	1	0	0	8	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	11	9860	31		11	01	15	84	1	02	1	1	0	0	8	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	14	9841	32		14	01	18	84	1	02	1	1	0	0	8	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	17	9837	30		12	01	17	84	0	01	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	20	9832	27		12	02	12	84	1	03	1	1	0	1	5	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
20	23	9832	24		10	04	08	84	1	02	0	0	0	0	5	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	279	32	24	
	02	9833	25		10	07	02	84	7	03	2	7	7	5	5	5	6	1	1	1	1	1	1	1	1	1	1	1	1	1				
	05	9830	25		14	05	05	82	7	02	2	2	7	7	5	5	6	1	1	1	1	1	1	1	1	1	1	1	1	1				
	08	9830	25		12	04	11	80	8	01	7	7	7	5	5	5	6	1	1	1	1	1	1	1	1	1	1	1	1	1				
	11	9829	27		12	04	12	82	8	03	7	7	7	5	5	5	6	1	1	1	1	1	1	1	1	1	1	1	1	1				
	14	9832	27		12	02	10	82	8	02	15	2	2	8	5	5	5	6	1	1	1	1	1	1	1	1	1	1	1					
	17	9834	27		14	03	12	82	8	02	2	2	8	5	5	5	6	1	1	1	1	1	1	1	1	1	1	1	1					
21	20	9830	26		12	02	12	82	8	02	2	2	8	5	5	5	6	1	1	1	1	1	1	1	1	1	1	1	1	1	322	27	24	
	23	9828	25		11	03	07	82	7	01	2	7	5	5	5	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	02	9828	21		09	00	00	82	1	01	1	1	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	05	9826	20		07	09	01	84	0	01	1	1	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	08	9823	25		08	04	10	84	0	01	1	1	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	11	9805	27		11	22	05	84	0	01	1	1	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	14	9798	28		13	25	02	84	0	01	1	1	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
22	17	9799	30		14	20	02	84	0	02	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	263	30	19	
	20	9786	28		14	04	07	84	0	02	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	23	9791	25		12	04	10	84	0	02	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	02	9792	23		13	05	08	84	4	03	1	4	0	3	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0				
	05	9794	26		16	00	00	84	7	03	1	7	0	2	7	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0				
	08	9791	31		19	04	13	84	7	02	2	7	7	5	5	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1				
	11	9793	33		19	05	14	85	7	02	2	7	7	5	5	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1				
23	14	9791	36		18	05	14	85	7	01	2	7	7	5	5	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1				
	17	9791	37		16	04	10	82	1	01	1	1	0	0	9	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	20	9785	30		10	09	09	82	0	01	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	23	9710	22		04	04	05	84	1	02	0	1	0	0	9	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	02	9715	21		05	05	06	84	4	03	1	4	0	3	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0				
	05	9719	19		05	13	01	80	7	03	2	7	7	5	5	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1				
	08	9721	22		06	04	16	80	7	02	2	7	7	5	5	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1				
24	11	9746	23		10	02	19	74	8	03	2	7	7	5	5	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1				
	14	9753	23		10	03	15	82	8	02	14	2	8	5	5	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1				
	17	9767	24		14	01	20	82	8	02	2	8	8	5	5	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1				
	20	9779	23		17	04	18	80	8	02	2	8	8	5	5	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1				
	23	9785	23		14	04	13	80	8	02	2	8	8	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0				
	02	9802	23		15	04	10	74	8	02	2	8	7	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0				
	05	9809	23		15	05	05	80	4	01	1	4	0	1	5	5	5	3	0	0	0	0	0	0	0	0	0	0	0	0				
25	08	9815	25		16	02	12	80	8	03	2	8	8	5	5	5	5	3	0	0	0	0	0	0	0	0	0	0	0	0				
	11	9811	25		15	03	10	80	8	02	2	8	8	5	5	5	5	0	0	0	0													

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	LOW CLOUD			HIGH CLOUD			DIRECTION OF CLOUD MOVEMENT		MAXIMUM WIND GUST		EXTREME TEMPERATURES							
DAY	HOUR		mb $\times 10^{-1}$	%	°F	°F	* $\times 10$	kt	VV	Oktas	WW	W	Oktas	C _L	h	C _M	C _H	D _L	D _M	D _H	° $\times 10$	kt	St.miles	Points	ANEROID WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
28	02	9802	24			20	00	00	16	8	71	7	8	5	4													
	05	9824	23			21	05	05	80	8	15	2	7	5	4													
08	9839	23				17	07	07	66	5	03	1	4	6	5													
11	9845	26				21	04	12	58	8	72	2	7	5	5													
14	9841	26				22	04	15	65	8	02	7	8	6	6													
17	9831	27				18	03	15	60	6	01	2	3	6	4													
20	9819	28				20	00	00	60	8	70	1	8	6	6													
23	9815	29				23	04	10	60	8	70	7	8	6	6													

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LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE mb $\times 10^{-1}$	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES	
				DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION ° $\times 10$	SPEED kt				C _L	C _M	C _H	D _L	D _M	D _H	D _W $\times 10$	kt	Stiles	Points	MAXIMUM °F	MINIMUM °F	
01	02	9800	29	24	04	21	66	3	01	2	3	6	5	0	0	1								
	05	9792	29	23	04	24	80	8	36	3	7	5	5	0	0	1								
	08	9763	30	21	04	16	58	8	36	3	7	5	5	0	0	1								
	11	9706	29	21	06	26	48	8	36	3	8	5	5	0	0	1								
	14	9629	28	25	06	30	48	8	38	3	8	6	5	0	0	1								
	17	9546	29	26	05	34	16	8	38	3	8	6	4	0	0	1								
	20	9489	29	27	03	53	16	8	38	3	8	6	4	0	0	1								
	23	9473	29	24	03	50	16	3	38	3	3	5	4	0	0	1								
02	02	9492	29	23	04	38	58	8	38	3	8	5	5	3	0	1		04	74	365		30	28	
	05	9495	29	22	05	38	58	7	03	1	7	5	5	3	0	1								
	08	9514	29	21	05	29	32	8	70	2	8	6	4	0	0	1								
	11	9526	30	22	05	29	55	8	7	01	7	5	5	0	0	1								
	14	9530	31	23	04	39	58	7	02	2	4	5	4	0	0	1								
	17	9576	29	29	03	12	08	8	73	7	8	0	5	2	2	1								
	20	9624	28	28	03	15	48	8	71	7	4	6	2	2	1									
	23	9660	29	29	04	11	58	7	71	7	7	5	4	0	0	1								
03	02	9687	27	27	04	14	00	8	86	8	8	6	2	0	0	1		04	60	849		31	28	
	05	9740	27	25	04	14	48	3	36	7	3	6	4	3	0	1								
	08	9710	28	27	03	16	13	7	36	7	6	6	4	3	0	1								
	11	9727	29	28	04	23	16	7	85	8	6	6	3	3	0	1								
	14	9749	28	27	03	17	04	8	73	7	8	0	5	2	2	1								
	17	9768	28	27	04	17	58	7	36	7	9	6	3	3	0	1								
	20	9785	27	25	04	18	40	8	38	3	6	5	3	4	0	1								
	23	9802	27	26	03	13	16	8	85	7	8	5	3	3	0	1		03	34	605		29	27	
04	02	9826	26	25	04	17	40	8	36	3	8	5	3	3	0	1								
	05	9843	26	23	04	17	40	8	36	3	8	5	3	4	0	1								
	08	9867	26	24	03	21	53	7	36	3	7	5	5	5	0	1								
	11	9882	26	23	03	22	48	8	36	3	8	6	4	4	0	1								
	14	9900	28	23	03	18	58	8	36	3	8	5	4	4	0	1								
	17	9902	27	23	03	21	48	8	36	3	8	5	4	4	0	1								
	20	9909	27	23	03	15	58	8	15	2	2	5	5	5	0	1								
	23	9921	27	20	05	05	56	8	85	7	8	5	5	5	0	1		04	34	508		28	25	
05	02	9917	25	18	00	00	56	8	02	2	8	5	5	5	0	1								
	05	9912	20	13	03	07	50	5	01	1	5	5	5	5	0	1								
	08	9901	21	13	09	04	84	5	01	1	4	5	6	3	0	1								
	11	9894	26	15	00	00	84	1	01	0	0	0	0	0	0	0								
	14	9882	28	17	00	00	84	1	01	0	0	0	0	0	0	0								
	17	9875	23	11	17	05	84	2	02	2	2	5	5	5	0	2								
	20	9866	16	05	16	08	84	1	02	0	1	5	5	5	0	1								
	23	9865	14	04	00	00	84	3	03	0	3	0	9	3	0	1		15	14	352		28	14	
06	02	9870	15	07	00	00	84	4	03	1	4	0	9	3	0	1								
	05	9874	18	12	00	00	84	6	03	1	2	5	5	5	3	0	1							
	08	9877	22	19	05	19	58	8	85	1	8	5	5	5	2	1								
	11	9887	22	16	02	19	58	8	36	3	1	5	5	5	2	1								
	14	9899	21	17	03	16	58	8	36	3	4	5	5	5	2	1								
	17	9902	21	19	02	18	58	7	36	3	2	6	4	3	1									
	20	9916	22	15	03	10	66	8	02	3	6	5	6	2	1									
	23	9923	20	09	05	09	74	2	01	1	2	5	6	1	0	1		02	27	187		22	14	
07	02	9924	16	05	08	03	74	4	03	1	4	5	6	0	0	1								
	05	9940	19	07	06	04	82	7	03	1	7	5	6	7	1									
	08	9933	19	07	09	04	84	6	01	1	1	5	6	7	1									
	11	9951	22	08	00	00	84	8	03	2	0	0	9	1	7									
	14	9917	23	07	13	02	84	8	02	2	0	0	9	0	7									
	17	9906	20	07	14	05	84	8	02	2	0	0	9	1	7									
	20	9891	15	04	10	04	84	8	02	2	0	0	9	1	7									
	23	9875	12	01	09	05	84	1	01	0	0	0	9	0	1			06	15	300		25	12	
08	02	9865	09	00	09	06	84	2	02	0	1	5	6	1	0	1								
	05	9846	10	00	09	07	82	8	03	2	2	7	5	6	2	0	1							
	08	9829	14	02	09	05	80	8	02	2	2	8	5	6	6		1							
	11	9806	17	05	06	07	80	8	02	2	2	8	5	6	6		1							
	14	9795	17	06	06	09	63	8	02	2	2	8	5	6	6		1							
	17	9783	18	06	06	05	66	8	15	2	2	8	5	6	6		1							
	20	9775	17	07	05	01	32	8	70	2	2	8	5	5	5		1							
	23	9765	16	07	05	04	66	8	02	2	2	8	5	5	5		1							
09	02	9766	16	07	10	03	66	8	02	2	2	8	5	5	5		1							
	05	9765	16	05	06	09	58	8	15	2	2	8	7	5	6		1							
	08	9769	16	04	06	06	66	5	15	2	2	5												

Results of Surface Observations,
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LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE $\text{mb} \times 10^{-3}$	TEMPERATURES			SURFACE WIND		VISIBILITY VV Oktas	CLOUD AMOUNT OKTAS	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST $^{\circ}\text{x} 10$ kt	ANEMOMETER WIND RUN St. miles	PRECIPITATION Points	EXTREME TEMPERATURES			
				DRY BULB °F	WET BULB °F	DEW POINT °F	$\times 10$	DIRECTION KT					C _L	Type	h	MIDDLE	CLOUD	D _L	D _M	D _H				MAXIMUM MINIMUM °F	
10	02	9836	19		13	04	10	66	6	01	2	6	5	5	5	6									
	05	9837	22		18	03	14	63	8	36	3	8	5	5	5	5									
	08	9835	23		17	03	20	65	8	36	3	8	5	5	5	5									
	11	9828	24		18	03	20	65	8	36	3	8	5	5	5	5									
	14	9824	25		20	03	28	49	8	36	3	8	5	5	5	5									
	17	9824	24		23	02	17	56	8	36	3	8	5	5	5	5									
	20	9824	24		19	02	16	66	8	36	3	8	5	5	5	5									
	23	9825	24		18	01	12	66	8	02	2	8	5	5	5	5									
11	02	9825	24		16	01	14	56	8	02	2	8	5	5	5	5									
	05	9822	21		17	31	05	74	8	85	2	8	5	5	5	5									
	08	9820	19		15	00	00	56	8	70	7	8	5	5	5	5									
	11	9811	19		14	00	00	53	8	02	2	8	5	5	5	5									
	14	9810	18		13	27	04	56	8	71	7	8	5	5	5	5									
	17	9795	17		13	27	07	66	8	71	7	8	5	5	5	5									
	20	9793	17		13	27	06	66	8	71	7	8	5	5	5	5									
	23	9785	15		12	28	48	8	71	7	8	5	5	5	5	5									
12	02	9786	15		09	27	04	16	8	71	7	8	5	5	5	5									
	05	9784	14		11	00	00	16	8	71	7	8	5	5	5	5									
	08	9778	14		11	06	01	48	8	71	7	8	5	5	5	5									
	11	9779	15		12	07	08	56	8	15	7	8	5	5	5	5									
	14	9788	16		10	05	05	74	8	15	2	8	5	5	5	5									
	17	9801	18		10	04	11	66	8	15	2	8	5	5	5	5									
	20	9814	18		11	04	02	58	8	13	2	8	5	5	5	5									
	23	9832	17		12	15	03	58	8	02	2	8	5	5	5	5									
13	02	9845	17		08	00	00	80	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
	05	9846	11		02	09	02	84	0	1	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0
	08	9874	11		02	09	05	84	2	02	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0
	11	9879	18		08	00	00	84	1	02	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0
	14	9884	21		12	00	00	84	3	03	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0
	17	9882	20		10	14	02	84	1	01	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20	9872	13		04	09	02	84	0	01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23	9860	09		01	12	07	84	0	01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	02	9849	07		00	10	05	84	0	02	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
	05	9828	06		501	11	09	82	1	03	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0
	08	9816	09		00	10	05	84	4	03	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0
	11	9798	15		02	00	00	84	1	02	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0
	14	9787	20		06	34	01	84	1	02	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0
	17	9776	19		04	00	00	84	2	03	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0
	20	9775	17		08	07	02	82	3	03	1	2	0	1	0	1	0	0	0	0	0	0	0	0	0
	23	9774	15		06	03	10	48	8	75	7	8	6	3	3	3	0	0	0	0	0	0	0	0	0
15	02	9774	15		06	03	10	48	8	75	7	8	6	3	3	3	0	0	0	0	0	0	0	0	0
	05	9785	16		13	30	05	16	8	73	7	8	6	3	3	3	0	0	0	0	0	0	0	0	0
	08	9807	15		11	00	00	16	8	70	7	8	6	3	3	3	0	0	0	0	0	0	0	0	0
	11	9821	15		11	03	15	32	8	70	7	8	6	3	3	3	0	0	0	0	0	0	0	0	0
	14	9845	16		11	02	13	32	8	36	3	8	6	3	3	3	0	0	0	0	0	0	0	0	0
	17	9870	17		11	02	18	32	8	36	3	8	6	3	3	3	0	0	0	0	0	0	0	0	0
	20	9896	15		08	04	11	58	5	02	1	2	0	1	0	1	0	0	0	0	0	0	0	0	0
	23	9920	17		10	04	10	58	4	01	1	2	0	1	0	1	0	0	0	0	0	0	0	0	0
16	02	9938	13		06	04	07	56	6	03	1	2	0	1	0	1	0	0	0	0	0	0	0	0	0
	05	9951	19		10	04	10	74	7	03	2	7	6	5	5	5	0	0	0	0	0	0	0	0	0
	08	9951	19		12																				

Results of Surface Observations
DAVIS MARCH, 1962

LOCAL STANDARD TIME		STATION LEVEL PRESSURE			TEMPERATURES			SURFACE WIND		PRESENT WEATHER			LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		EXTREME TEMPERATURES		
DAY	HOUR	lb x 10 ⁻¹	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	AMOUNT	TYPE	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM			
19	02	9851	17		09	02	09	80	B	02													
	05	9866	18		09	06	04	82	B	02													
	08	9866	17		09	00	00	82	B	02													
	11	9871	20		12	18	05	66	B	02													
	14	9871	21		12	18	08	90	B	01													
	17	9875	22		17	19	10	80	B	01													
	20	9873	15		08	00	00	80	B	01													
	23	9876	16		10	00	00	84	B	01													
20	02	9874	19		13	00	00	84	B	03													
	05	9871	17		13	06	07	84	B	02													
	08	9870	22		19	03	13	84	B	03													
	11	9866	22		17	03	24	84	B	06													
	14	9847	22		18	03	28	84	B	07													
	17	9836	20		16	03	25	80	B	06													
	20	9813	20		15	03	29	80	B	06													
	23	9800	22		17	03	29	66	B	06													
21	02	9800	19		19	03	20	66	B	73	3	8	5	5	5	5	04	46	201	22	16		
	05	9797	19		17	04	23	32	B	56	7	8	5	5	5	5							
	08	9791	19		18	02	23	05	B	72	3	8	0	0	0	0							
	11	9803	17		16	03	06	03	B	75	7	8	0	0	0	0							
	14	9791	18		17	04	10	32	B	71	7	8	4	4	4	4							
	17	9814	15		13	05	05	32	B	01	7	6	5	5	5	5							
	20	9816	15		12	07	05	48	B	03	2	8	5	5	5	5							
	23	9819	12		08	06	09	74	B	03	2	1	1	1	1	1							
22	02	9827	17		13	03	17	48	B	56	1	8	5	5	5	5	04	37	595	20	11		
	05	9837	18		15	03	20	58	B	36	3	8	5	5	5	5							
	08	9847	18		15	03	30	32	B	36	3	8	0	0	0	0							
	11	9842	20		16	03	30	16	B	38	3	8	6	0	0	0							
	14	9838	21		16	03	35	00	B	39	3	8	6	0	0	0							
	17	9839	20		14	03	34	16	B	39	3	8	6	0	0	0							
	20	9858	19		18	03	34	00	B	39	3	8	6	0	0	0							
	23	9863	20		14	03	36	16	B	39	3	8	6	0	0	0							
23	02	9862	20		14	04	27	16	B	39	3	8	6	0	0	0	03	51	348	21	11		
	05	9873	21		14	04	20	65	B	36	1	8	5	5	5	5							
	08	9882	21		14	06	10	63	B	15	1	8	6	0	0	0							
	11	9883	19		18	12	06	48	B	71	7	7	6	6	6	6							
	14	9881	18		18	17	01	56	B	71	7	7	6	6	6	6							
	17	9885	17		17	18	06	32	B	71	7	7	6	6	6	6							
	20	9884	16		12	00	00	48	B	02	7	7	6	6	6	6							
	23	9885	16		11	05	02	58	B	02	7	7	6	6	6	6							
24	02	9881	14		11	10	02	56	B	02	3	8	5	5	5	5	03	48	660	21	15		
	05	9878	11		09	10	02	80	B	02	2	8	5	5	5	5							
	08	9874	13		06	36	08	80	B	03	2	8	5	5	5	5							
	11	9869	12		504	05	08	80	B	01	3	8	5	5	5	5							
	14	9864	12		504	01	15	74	B	03	1	8	5	5	5	5							
	17	9852	11		506	01	13	84	B	01	1	8	5	5	5	5							
	20	9847	06		509	04	11	80	B	01	1	8	5	5	5	5							
	23	9849	06		509	05	08	82	B	02	1	8	5	5	5	5							
25	02	9849	03		511	04	09	82	B	02	3	8	5	5	5	5	04	13	147	15	04		
	05	9854	02		511	05	10	82	B	02	2	8	5	5	5	5							
	08	9847	05		506	00	00	82	B	05	1	7	5	5	5	5							
	11	9845	12		505	04	10	82	B	02	2	7	5	5	5	5							
	14	9846	14		507	05	17	56	B	15	2	8	6	5	5	5							
	17	9862	12		11	00	00	16	B	71	7	8	6	5	5	5							
	20	9864	12		11	00	00	15	B	71	7	8	6	5	5	5							
	23	9874	08		06	12	02	48	B	71	7	8	5	5	5	5							
26	02	9878	05		502	12	04	80	B	01	7	0					04	30	241	14	02		
	05	9880	01		503	12	09	84	B	01	1	1	1	1	1	1							
	08	9880	03		502	10	07	84	B	02	1	1	1	1	1	1							
	11	9872	05		501	00	00	84	B	01	0	1	1	1	1	1							
	14	9868	08		00	00	00	84	B	02	0	1	1	1	1	1							
	17	9855	07		503	00	00	84	B	01	0	1	1	1	1	1							
	20	9851	03		506	12	09	84	B	02	0	1	1	1	1	1							
	23	9827	00		508	10	08	84	B	02	0	0	0	0	0	0							
27	02	9810	501		509	10	06	84	B	02	2	2	2	2	2	2		10	13	186	08	00	
	05	9798	502		510	10	09	84	B	02	2	2	2	2	2	2							
	08	9783	502		509	09	07	84	B	02	2	2	2	2	2	2							
	11	9798	05		505	07	08	84	B	02	2	2	2	2	2	2							
	14	9776	06		504	05	08	84	B	02	2	2	2	2	2	2							
	17	9797	04		506	05	10	84	B	02	2	2	2	2	2	2							
	20	9814	01		507	04	11	84	B	02	2	2	2	2	2	2		04	19	153	06	503	

Results of Surface Observations,
DAVIS MARCH, 1962

LOCAL STANDARD TIME		TEMPERATURES				SURFACE WIND		PRESENT WEATHER		LOW CLOUD			MIDDLE CLOUD			HIGH CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB °F	WET BULB °F	DEW POINT °F × 10	DIRECTION kt	SPEED ° × 10	VISIBILITY mi	PAST WEATHER Oktas	CLOUD AMOUNT C _L	TYPE h	LOW BASE	MIDDLE C _M	HIGH C _H	D _L	D _M	D _H	DIRECTION kt	SPEED ° × 10	ANEMOMETER WIND RUN St.miles	PRECIPITATION Points	MAXIMUM °F	MINIMUM °F	
28	02	9845	09			502	00	00	82	B	N3	1	8	5	5									
	05	9864	10			501	00	00	82	B	N2	2	8	5	5									
	08	9868	10			505	00	00	80	B	N2	2	8	5	5									
	11	9873	13			506	00	00	80	B	N2	2	8	5	5									
	14	9868	13			500	00	00	84	I	01	1	1	5	5									
	17	9857	11			01	00	00	84	I	01	1	1	5	5									
	20	9846	11			04	18	09	84	I	01	1	0											
29	23	9843	15			08	19	20	84	I	36	1	7	5	5									
	02	9855	12			08	22	12	82	7	03	1	1	5	5	2								
	05	9860	10			08	25	06	74	I	71	2	8	0	8	2								
	08	9863	10			08	00	00	58	B	71	7	7	6	4	4								
	11	9866	11			09	00	00	74	I	02	7	3	6	2									
	14	9868	10			08	00	00	04	B	71	7	9	6	2									
	17	9867	08			06	00	00	09	B	71	7	8	6	2									
30	20	9875	06			05	03	05	15	B	71	7	8	6	2									
	23	9876	07			06	05	04	15	B	71	7	8	6	2									
	02	9869	07			06	00	00	16	B	71	7	8	6	4									
	05	9867	06			04	00	00	58	B	01	7	7	6	4									
	08	9863	11			07	00	00	74	I	01	1	4	0	8	7								
	11	9864	14			06	09	02	74	I	15	2	6	6	4	2								
	14	9866	11			502	00	00	84	I	01	1	2	5	5	6								
31	17	9863	11			502	00	00	84	I	03	2	7	5	5	7								
	20	9878	15			07	10	04	82	I	03	2	7	5	5	7								
	23	9897	12			04	10	08	80	B	02	2	8	5	6	6								
	02	9907	07			00	10	10	80	B	02	2	7	5	5	6								
	05	9919	04			504	10	14	80	I	02	2	7	5	5	6								
	08	9920	02			506	10	15	80	I	02	2	7	5	5	6								
	11	9927	02			508	10	06	84	I	01	1	2	0	0	0								
	14	9925	03			508	11	07	84	I	02	2	0	0	0	0								
	17	9925	01			512	09	03	84	I	02	2	0	0	0	0								
	20	9924	06			516	09	05	84	I	02	2	0	0	0	0								
	23	9915	06			516	09	08	84	I	02	2	0	0	0	0								

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE			TEMPERATURES			SURFACE WIND		VISIBILITY			CLOUD AMOUNT			PRESENT WEATHER			LOW CLOUD			MIDDLE CLOUD			HIGH CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			EXTREME TEMPERATURES		
DAY	HOUR	lb x 10 ⁻¹	°F	°F	°F	°F	°x 10	kT	VV	Oktas	WW	W	Oktas	C _L	Type	C _M	C _H	D _L	D _M	D _H	°x 10	kT	SL miles	Points	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM °F	MINIMUM °F								
01	02	9896	507	517	09	94	0	02	0	0	0	0	0	9	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	05	9885	505	516	06	14	94	1	03	0	1	0	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	08	9878	507	517	05	10	84	1	02	0	1	0	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	11	9879	503	515	05	12	82	6	03	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	14	9886	504	507	00	00	84	1	01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	17	9890	506	517	04	15	84	0	01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	20	9895	509	519	00	00	84	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	23	9903	511	520	07	07	84	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
02	02	9890	509	517	10	04	84	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	05	9885	501	510	04	15	80	7	03	2	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	08	9870	00	509	09	08	82	5	03	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	11	9862	02	507	13	08	82	7	03	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	14	9851	06	504	14	06	82	6	02	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	17	9837	06	504	16	04	80	7	03	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	20	9834	07	502	00	00	74	8	03	2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	23	9824	10	06	00	58	8	71	2	8	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
03	02	9817	14	08	12	06	58	8	71	7	8	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	05	9827	16	09	00	00	58	8	02	7	8	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	08	9817	17	09	02	08	58	8	02	2	8	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	11	9816	17	17	03	22	08	8	73	7	8	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	14	9814	18	18	03	28	32	8	73	7	8	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	17	9820	18	17	03	27	48	8	36	3	8	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	20	9809	17	16	03	30	16	8	36	3	8	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	23	9802	18	17	03	34	16	8	36	3	8	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
04	02	9771	18	16	03	32	16	7	36	3	7	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	05	9725	18	16	04	34	08	8	38	3	8	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	08	9705	18	17	05	36	08	8	38	3	8	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	11	9695	20	18	05	39	08	8	38	3	8	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	14	9667	20	19	05	43	08	8	38	3	8	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	17	9665	21	20	05	44	08	8	38	3	8	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	20	9680	20	19	03	35	08	8	38	3	8	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	23	9707	19	18	03	37	16	0	38	3	8	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
05	02	9746	18	16	03	41	16	0	38	3	0	7	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	05	9767	19	14	03	41	58	3	38	3	3	7	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	08	9774	19	17	04	44	74	6	36	3	1	5	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	11	9785	22	18	05	37	80	6	36	3	6	5	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	14	9778	23	19	07	27	86	7	03	3	1	1	1	5	5	5	5	5	1	3	0	0	0	0	0	0	0	0	0	0						
	17	9769	25	14	04	37	66	8	03	2	2	2	2	1	3	5	5	5	2	2	2	2	2	2	2	2	2	2	2	2	2					
	20	9791	25	11	08	19	74	7	03	1	7	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	23	9780	24	09	09	30	74	8	03	2	8	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
06	02	9762	23	08	09	29	66	8	02	2	8	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	05	9754	22	09	09	30	66	8	02	2	8	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	08	9762	24	11	08	18	66	7	02	2	1	2	1	7	5	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					
	11	9775	25	09	06	27	66	7	02	2	2	2	2	2	2	7	5	5	2	2	2	2	2	2	2	2	2	2	2	2	2					
	14	9780	24	09	05	29	58	7	15	2	1	2	1	7	5	5	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7					
	17	9793	23	12	04	21	56	8	02	2	3	5	5	2	2	5	5	5	7	7	7	7	7	7	7	7	7	7	7	7	7					
	20	9802	22	12	04	27	56	8	02	2	3	5	5	2	2	5	5	5	7	7	7	7	7	7	7	7	7	7	7	7	7					
	23	9801	24	11	04	22	56	8	02	2	5	5	5	2	2	5	5	5	7	7	7															

Results of Surface Observations,
DAVIS APRIL, 1962

DAY	HOUR	LOCAL STANDARD TIME	STATION LEVEL PRESSURE $\text{mb} \times 10^{-3}$	TEMPERATURES			SURFACE WIND		VISIBILITY VV	CLOUD AMOUNT Oktas	PRESENT WEATHER			LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			EXTREME TEMPERATURES					
				DRY BULB °F	WET BULB °F	Dew Point °F	Direction = $\times 10$	Kt			Past Weather	Amount	Type	Base	C _L	C _M	C _H	Low	Middle	High	Direction ° $\times 10$	Kt	St. miles	Anemometer Wind Run	Points	Maximum °F	Minimum °F	
10	02	9 620	21				18	04	04	74	5	0 2	0 4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	05	9 602	22				16	07	06	74	5	0 4	0 4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	08	9 789	25				16	06	16	80	7	1 4	2 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	11	9 781	25				14	07	15	74	7	1 4	2 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	14	9 782	26				14	09	05	80	8	1 4	2 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	17	9 767	25				14	05	21	80	8	0 2	2 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	20	9 760	22				10	12	06	80	5	0 1	1 5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11	23	9 762	22				10	11	04	80	6	0 3	1 6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	02	9 760	20				09	12	07	80	6	0 2	2 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	05	9 756	18				07	12	06	82	3	0 1	2 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	08	9 759	14				05	12	06	82	2	0 1	2 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	11	9 775	19				07	00	00	82	7	0 5	1 2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	14	9 795	19				09	00	00	82	4	0 1	1 1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	17	9 812	13				12	29	10	66	8	0 3	2 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	20	9 827	10				09	29	09	58	8	0 2	2 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	23	9 838	07				06	27	01	66	8	71	7	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	02	9 839	05				03	00	00	66	8	0 2	7	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	05	9 838	06				04	00	00	66	8	0 2	2 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	08	9 833	07				04	00	00	58	8	71	7	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	11	9 842	09				07	00	00	16	8	71	7	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	14	9 846	13				12	04	03	32	8	71	7	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6
13	17	9 874	07				05	27	08	48	8	71	7	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	20	9 879	06				04	27	07	58	8	71	7	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	23	9 907	02				01	27	06	58	8	71	7	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	02	9 931	01				00	00	00	58	8	70	7	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	05	9 956	00				500	00	00	74	8	0 2	7	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	08	9 984	01				501	00	00	74	7	0 1	2 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	11	9 996	01				508	30	05	80	7	0 2	2 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	17	1 0012	01				503	31	03	80	7	0 2	2 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	20	1 0017	00				503	29	06	80	7	0 2	2 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	23	1 0019	501				502	27	08	80	7	0 2	2 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	02	1 0022	504				506	22	03	80	8	0 3	2 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	05	1 0003	503				505	31	08	80	8	70	7	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	08	9 998	501				505	22	08	58	8	0 1	2 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	11	9 993	506				513	17	08	74	7	0 2	2 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	14	9 983	504				511	21	08	80	8	0 1	1 1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	17	9 978	505				508	20	05	84	8	0 1	1 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20	9 975	508				514	16	12	82	8	0 2	2 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	23	9 963	508				514	18	15	80	8	0 2	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02	9 940	01				508	00	00	80	4	0 1	1 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05	9 821	02				508	17	04	82	8	0 2	2 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	08	9 807	02				506	00	00	80	8	0 1	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	11	9 780	05				506	17	04	80	8	0 3	2 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	14	9 760	06				504	18	04	80	8	0 2	2 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	17	9 754	06				504	17	06	82	8	0 2	2 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	20	9 755	05				505	14	04	82	6	0 1	2 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	23	9 756	04				505	16	05	82	3	0 1	1 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02	9 764	03				504	20	04	82	6	0 3	1 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05	9 787	04				502	02	26	11	80	2	0 3	1 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	08	9 807	502				503	29	08	80	7	0 3	2 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	11	9 829	507				508	29	10	80	7	0 2	2 2															

Results of Surface Observations,

DAVIS APRIL, 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND			VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	FAST WEATHER	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES			
				DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	OKtas					C _L	TYPE	EASE	C _M	C _H	D _L	D _M	D _H	° × 10	kt	St.miles	Points	MAXIMUM	MINIMUM
				mb × 10 ⁻¹	°F	°F	°F	° × 10	kt	VV									° × 10	kt	St.miles	Points	°F	°F			
19	02	9800	13	501	06	04	82	8	03	2	8	0	9	1													
	05	9794	14	502	05	17	74	8	02	2	8	0	9	1													
	08	9804	13	502	05	17	66	8	15	3	8	6	5														
	11	9809	12	503	03	22	66	8	15	2	8	6	5														
	14	9819	11	507	03	21	58	8	36	3	8	6	5														
	17	9827	05	502	34	04	20	8	71	3	8	6	5														
	20	9828	04	502	00	00	58	8	02	7	8	6	5														
20	02	9826	02	500	00	00	66	8	02	7	8	5	5														
	05	9827	08	506	09	04	74	8	22	7	6	5	5	1													
	08	9838	08	503	09	04	74	7	01	7	6	5	5	1													
	11	9850	07	501	00	00	80	3	01	1	2	5	5	1	0												
	14	9862	08	501	00	00	80	6	03	1	5	5	5	1	0												
	17	9872	09	501	00	00	80	7	03	2	7	5	5	1	0												
	20	9881	02	505	00	00	82	1	01	1	0	0	9	0	5												
21	02	9897	503	511	09	04	82	1	01	1	0	0	9	0	5												
	05	9890	503	512	09	03	82	0	01	1	0	0	9	0	0												
	08	9876	506	514	00	00	84	1	02	0	0	0	9	0	1												
	11	9865	503	513	00	00	84	0	02	0	0	0	9	0	0												
	14	9854	502	511	16	07	84	5	03	1	0	0	9	0	1												
	17	9836	506	514	12	04	84	1	01	0	0	0	9	0	1												
	20	9819	507	516	12	10	84	0	01	0	0	0	9	0	0												
22	02	9801	510	518	10	06	84	2	03	1	2	0	8	3	0												
	05	9791	511	519	11	07	84	0	01	1	0	0	9	0	0												
	08	9771	508	518	00	00	84	0	02	0	0	0	9	0	0												
	11	9757	508	518	09	02	84	0	02	0	0	0	9	0	0												
	14	9757	505	517	07	06	84	0	02	0	0	0	9	0	0												
	17	9755	511	521	10	05	84	0	02	0	0	0	9	0	0												
	20	9752	513	523	10	10	84	0	02	0	0	0	9	0	0												
23	02	9744	514	523	12	07	84	0	02	0	0	0	9	0	0												
	05	9743	515	524	00	00	84	0	02	0	0	0	9	0	0												
	08	9757	513	523	05	05	84	0	02	0	0	0	9	0	0												
	11	9769	517	526	00	00	84	0	02	0	0	0	9	0	0												
	14	9780	510	519	05	05	84	0	02	0	0	0	9	0	0												
	17	9787	512	519	06	08	84	1	03	1	7	0	9	7	0												
	20	9784	509	514	06	06	74	7	03	2	7	6	7	7	0												
24	02	9785	507	511	05	04	66	8	02	2	8	6	7	2													
	05	9798	505	511	03	14	66	8	02	2	8	6	7	7													
	08	9826	503	510	00	00	66	8	02	2	8	6	7	7													
	11	9842	502	506	00	00	16	8	71	2	8	6	5	5													
	14	9855	502	505	00	00	16	8	71	7	8	6	5	5													
	17	9869	501	504	00	00	08	8	71	7	8	6	5	5													
	20	9878	00	502	00	00	16	8	71	7	8	6	5	5													
25	02	9906	00	505	22	13	66	7	01	7	7	0	8	8	3												
	05	9919	503	507	20	07	74	8	03	2	8	0	9	0	0												
	08	9936	505	510	20	07	80	7	01	1	7	0	9	0	0												
	11	9944	505	509	00	00	80	7	02	2	7	0	9	3	8												
	14	9958	506	510	17	06	80	6	02	2	7	0	9	3	8												
	17	9957	507	510	14	03	82	2	01	1	1	0	9	3	8												
	20	9952	507	512	15	07	82	0	01	1	0	0	9	0	0												
26	02	9933	509	515	15	08	82	1	03	0	1	0	9	1	0												
	05	9913	509	516	12	09	82	1	04	0	2	1	0	0	9	0											
	08	9903	509	513	12	09	82	4	03	1	0	0	9	0	0												
	11	9891	507	513	12	06	82	6	03	2	0	0	9	0	0												
	14	9884	505	513	00	00	80	6	03	2	4	0	8	1	5												
	17	9881	505	514	09	07	80	6	02	2	4	0	8	1	5												
	20	9875	505	514	09	09	80	4	01	1	0	0	9	0	0												
27	02	9876	506	515	12	04	80	3	02	1	0	0	9	0	8												
	05	9863	505	514	14	05	80	3	02	1	0	0	9	0	8												
	08	9862	507	516	14	05	80	8	03	2</																	

Results of Surface Observations,
DAVIS APRIL, 1962

LOCAL STANDARD TIME	DAY	HOUR	TEMPERATURES				SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER		LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES			
			STATION LEVEL PRESSURE		DRY BULB	WET BULB	DEW POINT	DIRECTION			PAST WEATHER	AMOUNT	TYPE	BASE	C _M	C _H	D _L	D _M	D _H	AMOUNT	DIRECTION	SPEED	MAXIMUM	MINIMUM		
			mb × 10 ⁻¹	°F	°F	°F	° × 10	kt			ww	Oktas	Oktas	h	0	0	0	0	0	0	0	0	0	0	0	
28	02	9884	501	510	09	03	84	0	01	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	135
	05	9886	505	513	09	05	84	0	02	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	
	08	9889	501	510	00	00	82	7	03	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	
	11	9888	02	507	00	00	74	8	03	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	
	14	9877	06	504	00	00	74	8	02	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	
	17	9864	11	501	03	08	66	8	03	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	
	20	9844	10	501	13	04	66	6	01	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	
	23	9821	11	503	05	04	66	4	01	1	2	0	0	9	0	0	0	0	0	0	0	0	0	0	0	
	02	9792	14	502	18	06	58	8	03	1	8	0	0	9	0	0	0	0	0	0	0	0	0	0	0	
	05	9764	15	09	26	05	16	8	73	2	8	5	5	4	1	1	1	1	1	07	33	135	14	505		
29	08	9740	17	16	24	06	08	8	73	2	8	5	5	4	1	1	1	1	1	04	37	180	19	01		
	11	9732	18	13	04	20	16	7	36	7	7	5	4	4	1	1	1	1	1	07	13	219	12	01		
	14	9727	16	14	06	19	48	8	36	3	7	6	4	4	1	1	1	1	1	07	13	219	12	01		
	17	9731	15	09	02	20	32	8	36	3	7	6	4	4	1	1	1	1	1	07	13	219	12	01		
	20	9737	15	07	00	00	58	8	02	3	8	6	4	4	1	1	1	1	1	07	13	219	12	01		
	23	9747	12	03	00	00	74	8	01	1	8	0	0	8	2	2	2	2	2	07	13	219	12	01		
	02	9768	11	02	05	03	74	8	02	2	8	0	0	8	2	2	2	2	2	04	37	180	19	01		
	05	9774	09	00	00	00	74	8	02	2	8	0	0	8	2	2	2	2	2	07	13	219	12	01		
	08	9774	06	503	12	03	74	8	02	2	8	0	0	8	2	2	2	2	2	07	13	219	12	01		
	11	9785	04	505	00	00	74	7	02	2	7	1	1	5	7	7	7	7	7	07	13	219	12	01		
	14	9788	04	504	10	04	80	7	02	2	7	5	5	7	7	7	7	7	7	07	13	219	12	01		
	17	9794	02	506	00	00	74	8	02	2	8	5	5	6	4	4	4	4	4	07	13	219	12	01		
	20	9801	02	506	00	00	74	8	02	2	8	5	5	6	4	4	4	4	4	07	13	219	12	01		
	23	9804	02	508	00	00	74	8	02	2	8	5	5	6	4	4	4	4	4	07	13	219	12	01		

Results of Surface Observations,
DAVIS MAY, 1962

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER			LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION Points	EXTREME TEMPERATURES			
DAY	HOUR		DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION °x 10	KT	VV	Oktas	WW	%	Oktas	C _L	Type	C _M	Middle Cloud	C _H	High Cloud	D _L	D _M	D _H	°x 10	KT	St.miles	MAXIMUM °F	MINIMUM °F
			mb × 10 ⁻¹	°F	°F	°F	°x 10	kt																		
01	02	9809 00	509	08	04	74	8	02	2	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
05		9912 512	512	05	05	80	8	03	2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08		9815 503	513	00	00	80	6	01	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11		9823 504	516	00	00	84	5	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14		9837 506	517	00	00	84	7	03	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17		9845 506	517	00	00	84	2	01	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20		9863 507	516	07	05	84	0	01	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23		9876 505	514	07	10	82	8	03	1	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02	02	9887 502	506	32	05	58	5	71	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05		9897 508	511	00	00	84	1	01	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08		9904 505	508	07	02	56	8	03	1	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11		9918 504	508	08	03	56	8	71	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14		9929 503	508	00	00	58	8	71	7	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17		9946 505	509	18	06	80	7	01	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20		9963 511	514	14	09	80	3	01	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23		9978 510	514	17	12	90	1	01	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03	02	9991 516	521	11	09	80	1	02	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05		9995 518	523	11	09	80	0	01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08		9996 519	524	12	10	84	0	01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11		10000 518	524	14	08	84	1	03	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14		10002 518	523	16	10	84	1	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17		10011 517	522	00	00	84	1	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20		10014 517	523	00	00	84	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23		10022 518	525	00	00	84	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04	02	10020 516	523	09	05	84	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05		10021 517	526	00	00	94	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08		10012 514	524	00	00	94	8	03	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11		10006 511	522	09	03	84	8	03	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14		9992 508	520	09	03	84	2	01	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17		9979 510	521	09	05	84	1	01	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20		9960 506	518	12	03	84	2	03	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23		9945 510	521	12	05	84	4	2	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05	02	9930 511	522	12	07	84	1	01	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08		9907 513	525	12	08	84	0	01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11		9895 513	525	12	09	84	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14		9885 511	522	10	05	84	1	03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17		9888 511	522	10	06	84	1	03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20		9892 512	522	10	09	84	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23		9897 511	521	11	09	84	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06	02	9897 512	522	10	09	82	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05		9900 512	521	10	07	84	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08		9912 510	521	08	07	84	1	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11		9924 509	519	10	07	84	7	03	1	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14		9928 505	516	13	06	84	8	02	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17		9939 508	520	00	00	84	5	01	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20		9891 05	518	00	11	10	32	8	70	7	8	6	4	4	5	5	5	5	5	5	5	5	5	5	5	5
23		9883 09	01	11	05	58	8	26	7	8	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
07	02	9931 506	517	12	13	84	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05		9912 506	516	10	10	84	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08		9923 505	516	10	09	84	6	03	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11		9917 503	514	10	08	82	8	03	2	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14		9907 500	512	13	07	82	8	01	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17		9901 01	510	12	06	82	8	03	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20		9891 05	00	11	10	32	8	70	7	8	6	4	4	4	4	4										

Results of Surface Observations,
DAVIS MAY, 1962

Results of Surface Observations,
DAVIS MAY, 1962

LOCAL STANDARD TIME		STATION LEVEL PRESSURE mb x 10 ⁻¹	TEMPERATURES			SURFACE WIND			VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		EXTREME TEMPERATURES			
DAY	HOUR		DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION ° x 10	KT	VV					C _L	h	C _M	C _H	D _L	D _M	D _H	KT	St.miles	PRECIPITATION Points	MAXIMUM °F	MINIMUM °F
19	02	9839	522	530	09	05	84	0	02	0	0	0	0	0	0	0	9	9	0	0	0	0	0	0
	05	9829	520	528	09	07	84	0	02	0	0	0	0	0	0	0	9	9	0	0	0	0	0	0
	08	9821	515	524	00	00	84	1	03	0	0	0	0	0	0	0	9	9	0	0	0	0	0	0
	11	9815	515	525	14	05	84	4	03	0	0	0	0	0	0	0	9	9	0	0	0	0	0	0
	14	9807	513	520	13	02	84	1	01	0	0	0	0	0	0	0	9	9	0	0	0	0	0	0
	17	9801	508	514	00	00	84	0	01	0	0	0	0	0	0	0	9	9	0	0	0	0	0	0
	20	9787	506	512	05	06	84	2	03	1	0	0	0	0	0	0	9	9	0	0	0	0	0	0
	23	9783	507	513	00	00	84	7	03	1	3	5	5	5	0	0	6	6	1	05	14	169	506	522
	02	9775	505	511	00	00	74	8	03	2	8	6	4	4	4	4	0	0	0	0	0	0	0	0
	05	9771	508	501	06	24	58	8	38	2	8	6	4	4	4	4	0	0	0	0	0	0	0	0
	08	9796	506	504	09	16	58	8	36	2	8	6	4	4	4	4	0	0	0	0	0	0	0	0
	11	9809	507	505	07	15	56	8	36	2	8	6	4	4	4	4	0	0	0	0	0	0	0	0
	14	9820	508	504	06	07	56	8	02	2	8	8	2	2	2	2	0	0	0	0	0	0	0	0
	17	9809	509	500	06	09	56	8	02	2	8	8	2	2	2	2	0	0	0	0	0	0	0	0
	20	9802	512	503	05	13	56	8	02	2	8	8	2	2	2	2	0	0	0	0	0	0	0	0
	23	9792	514	504	06	16	56	8	02	2	8	8	2	2	2	2	0	0	0	0	0	0	0	0
	02	9771	13	04	07	20	66	8	36	2	8	0	8	2	2	2	0	0	0	0	0	0	0	0
	05	9755	13	02	08	15	66	8	02	2	8	0	8	2	2	2	0	0	0	0	0	0	0	0
	08	9733	15	06	07	22	66	8	36	2	8	0	8	2	2	2	0	0	0	0	0	0	0	0
	11	9716	16	12	04	29	58	8	36	3	1	7	4	2	2	2	0	0	0	0	0	0	0	0
	14	9722	16	12	05	29	48	8	38	3	1	7	4	2	2	2	0	0	0	0	0	0	0	0
	17	9749	15	09	06	29	48	8	38	3	1	7	4	2	2	2	0	0	0	0	0	0	0	0
	20	9758	14	05	07	17	58	8	36	3	8	0	7	2	2	2	0	0	0	0	0	0	0	0
	23	9768	13	02	07	02	55	7	01	3	7	0	7	1	1	1	0	0	0	0	0	0	0	0
	02	9778	10	00	08	13	55	6	02	3	8	0	7	1	1	1	0	0	0	0	0	0	0	0
	05	9788	11	00	08	13	63	8	02	2	8	0	7	1	1	1	0	0	0	0	0	0	0	0
	08	9803	11	501	07	13	66	7	01	2	7	0	8	1	1	1	0	0	0	0	0	0	0	0
	11	9816	11	00	07	08	58	6	71	2	8	0	8	1	1	1	0	0	0	0	0	0	0	0
	14	9836	10	04	07	11	32	6	71	7	8	6	4	4	4	4	0	0	0	0	0	0	0	0
	17	9852	09	00	06	09	48	6	02	7	8	6	4	4	4	4	0	0	0	0	0	0	0	0
	20	9864	09	503	07	10	58	6	02	2	8	6	4	4	4	4	0	0	0	0	0	0	0	0
	23	9876	04	508	00	00	66	7	01	1	7	6	4	4	4	4	0	0	0	0	0	0	0	0
	02	9882	04	507	09	04	66	6	02	2	8	0	9	1	1	1	0	0	0	0	0	0	0	0
	05	9893	03	506	10	05	66	6	02	2	8	0	9	1	1	1	0	0	0	0	0	0	0	0
	08	9902	00	506	00	00	58	5	71	2	8	0	8	1	1	1	0	0	0	0	0	0	0	0
	11	9912	501	506	00	00	74	6	01	8	8	0	8	1	1	1	0	0	0	0	0	0	0	0
	14	9920	502	507	00	00	80	5	01	1	1	0	8	1	1	1	0	0	0	0	0	0	0	0
	17	9930	504	510	00	00	84	6	01	1	1	0	9	3	3	3	0	0	0	0	0	0	0	0
	20	9931	504	509	00	00	84	5	03	1	1	5	5	5	0	0	0	0	0	0	0	0	0	0
	23	9929	502	507	00	00	84	5	03	2	8	5	5	5	0	0	0	0	0	0	0	0	0	0
	02	9934	506	512	00	00	84	2	01	1	2	5	5	5	0	0	0	0	0	0	0	0	0	0
	05	9936	508	512	00	00	84	0	01	1	0	0	9	0	0	0	0	0	0	0	0	0	0	0
	08	9937	509	514	00	00	84	0	02	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0
	11	9940	507	514	05	05	84	0	02	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0
	14	9946	508	515	00	00	84	0	02	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0
	17	9956	507	516	00	00	84	0	02	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0
	20	9957	509	516	00	00	84	0	02	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0
	23	9954	508	517	09	04	84	0	02	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0
	02	9953	508	517	09	03	84	0	02	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0
	05	9979	509	514	00	00	84	0	02	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0
	08	9986	507	514	00	00	84	0	02	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0
	11	10011	508	516	10	06	84	1	03	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0
	14	10013	509	518	00	00	84	0	02	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0
	17	10029	510	518	10	05	84	0	02	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0
	20	10032	509	517	00	00	84	1	03	1	1	5	5	5	0	0	0	0	0	0	0	0	0	0
	23	10035	505	513	00	00	84	5	03	1	1	5	5	5	0	0	0	0	0	0	0	0	0	0
	02	10027	504	511	10	08	84	8	03	1	0	0	9	0	0	0	0	0	0	0	0	0	0	0
	05	10019	502	510	10	07	84	8	02	2	0	0	9											

Results of Surface Observations,
DAVIS MAY, 1962

LOCAL STANDARD TIME	STATION LEVEL PRESSURE inb x 10 ⁻¹	TEMPERATURES			SURFACE WIND			PRESENT WEATHER	LOW CLOUD AMOUNT	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			ANEMOMETER WIND RUN St. miles	EXTREME TEMPERATURES					
		DAY	HOUR	DRY BULB °F	WET BULB °F	DEW POINT °x 10	DIRECTION kt	SPEED vv	vv	Oktas	AMOUNT	C _L	TYPE	C _M	C _H	D _L	D _M	D _H	DIRECTION kt	SPEED vv x 10	MAXIMUM in	MINIMUM in
28	9939	02	9939	500	515	14	12	84	0	02	0	0	0	0	0	0	0	0	0	0	0	0
	9936	05	9936	502	517	14	12	80	0	02	0	0	0	0	0	0	0	0	0	0	0	0
	9939	08	9939	505	519	14	14	84	0	02	0	0	0	0	0	0	0	0	0	0	0	0
	9934	11	9934	508	522	16	13	84	0	02	0	0	0	0	0	0	0	0	0	0	0	0
	9941	14	9941	511	524	14	14	84	0	02	0	0	0	0	0	0	0	0	0	0	0	0
	9957	17	9957	513	525	14	10	84	0	02	0	0	0	0	0	0	0	0	0	0	0	0
	9979	20	9979	515	526	14	10	84	0	02	0	0	0	0	0	0	0	0	0	0	0	0
	9980	23	9980	517	527	14	08	84	0	02	0	0	0	0	0	0	0	0	0	0	0	0
29	10002	02	10002	515	526	14	09	84	0	02	0	0	0	0	0	0	0	0	0	0	0	0
	10007	05	10007	515	525	13	10	84	0	02	0	0	0	0	0	0	0	0	0	0	0	0
	10008	08	10008	514	525	14	07	84	1	03	0	0	0	0	0	0	0	0	0	0	0	0
	10015	11	10015	509	518	17	04	84	1	03	0	0	0	0	0	0	0	0	0	0	0	0
	10012	14	10012	508	515	14	06	84	1	02	0	0	0	0	0	0	0	0	0	0	0	0
	10008	17	10008	504	512	12	06	84	0	01	0	0	0	0	0	0	0	0	0	0	0	0
	9988	20	9988	01	509	16	06	82	0	02	0	0	0	0	0	0	0	0	0	0	0	0
30	9943	23	9943	03	506	16	09	82	0	03	1	0	0	0	0	0	0	0	0	0	0	0
	9890	02	9890	11	01	00	00	82	0	02	0	0	0	0	0	0	0	0	0	0	0	0
	9826	05	9826	20	05	06	05	80	0	02	0	0	0	0	0	0	0	0	0	0	0	0
	9713	08	9713	18	17	08	40	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
	9650	11	9650	19	19	05	31	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
	9589	14	9589	20	19	04	50	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
31	9601	17	9601	18	16	05	50	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
	9614	20	9614	17	15	03	45	50	00	00	00	00	00	00	00	00	00	00	00	00	00	00
	9605	23	9605	18	14	04	43	58	00	02	00	00	00	00	00	00	00	00	00	00	00	00
	9624	02	9624	19	11	04	37	58	8	36	3	8	0	9	1	0	0	0	0	0	0	0
	9638	05	9638	21	13	05	36	66	8	02	3	8	0	8	1	0	0	0	0	0	0	0
31	9644	08	9644	22	15	05	34	66	8	02	2	8	6	5	5	0	0	0	0	0	0	0
	9693	11	9693	20	19	05	28	02	8	73	7	0	0	0	0	0	0	0	0	0	0	0
	9727	14	9727	19	17	05	32	00	8	73	7	0	0	0	0	0	0	0	0	0	0	0
	9792	17	9792	17	12	04	17	00	8	73	7	0	0	0	0	0	0	0	0	0	0	0
	9863	20	9863	16	14	03	19	00	8	73	7	0	0	0	0	0	0	0	0	0	0	0
	9930	23	9930	10	04	03	24	58	8	02	7	8	6	5	0	0	0	0	0	0	0	0

Results of Surface Observations,
DAVIS JUNE, 1962

LOCAL STANDARD TIME		TEMPERATURES				SURFACE WIND		VISIBILITY				LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		EXTREME TEMPERATURES					
DAY	HOUR	STATION LEVEL PRESSURE mb x 10 ⁻¹	DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION °x 10	KT	VV	Oktas	WW	%	CLOUD AMOUNT	PRESENT WEATHER	AMOUNT	TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	DIRECTION °x 10	KT	ANEMOMETER WIND RUN St.miles	PRECIPITATION Points	MAXIMUM °F	MINIMUM °F	
01	02	9971	13		07	05	14	66	8	02	2														
05		10001	15		11	05	14	66	8	02	2														
08	02	10022	16		12	05	20	53	8	02	2														
11		10039	18		13	05	22	53	8	02	2														
14		10049	18		12	05	12	53	8	02	2														
17		10042	19		13	00	00	53	8	02	2														
20		10035	20		13	07	20	53	8	02	2														
23		10030	20		10	08	16	53	8	02	2														
02	02	10024	21		08	07	20	53	8	02	2														
05		10025	20		08	07	12	65	8	02	2														
08		10026	20		08	06	07	55	8	01	2														
11		10026	20		08	07	09	53	8	02	2														
14		10036	20		07	07	02	53	8	02	2														
17		10037	18		06	00	00	53	8	02	2														
20		10037	18		06	00	00	53	8	02	2														
23		10037	12		51	08	02	74	0	01	1	0	0	0	0	9	0								
03	02	10037	09		504	09	04	84	0	02	0	0	0	0	0	9	0								
05		10042	09		505	08	05	84	0	02	0	0	0	0	0	9	0								
08		10046	08		506	10	05	84	3	03	1	0	0	0	0	9	0								
11		10051	06		509	10	04	84	4	05	1	0	0	0	0	9	0								
14		10053	06		509	09	02	84	6	03	1	0	0	0	0	9	0								
17		10056	08		504	12	04	84	0	01	1	0	0	0	0	9	0								
20		10063	04		510	09	05	84	0	02	0	0	0	0	0	9	0								
23		10064	06		509	10	04	84	0	02	0	0	0	0	0	9	0								
04	02	10070	05		510	10	03	84	0	02	0	0	0	0	0	9	0								
05		10077	07		508	09	04	84	5	03	1	0	0	0	0	8	1								
08		10081	11		503	11	03	80	5	03	2	0	0	0	0	8	1								
11		10091	10		505	12	03	80	5	02	2	0	0	0	0	9	3								
14		10095	09		506	10	04	80	6	02	2	0	0	0	0	8	3								
17		10095	08		508	12	07	84	0	01	1	0	0	0	0	9	0								
20		10096	07		509	12	05	82	0	02	0	0	0	0	0	9	0								
23		10101	05		511	10	06	82	0	02	0	0	0	0	0	9	0								
05	02	10107	04		511	10	04	82	0	02	0	0	0	0	0	9	0								
08		10107	03		512	12	04	80	0	02	0	0	0	0	0	9	0								
11		10107	01		513	10	06	82	0	02	0	0	0	0	0	9	0								
14		10107	00		513	10	04	84	1	03	0	0	0	0	0	9	0								
17		10114	501		515	11	04	84	1	02	0	0	0	0	0	9	0								
20		10111	501		516	00	00	84	0	02	0	0	0	0	0	9	0								
23		10112	504		518	10	06	84	0	02	0	0	0	0	0	9	0								
06	02	10114	504		518	12	04	84	0	02	0	0	0	0	0	9	0								
05		10113	505		518	13	05	84	0	02	0	0	0	0	0	9	0								
08		10112	507		521	10	04	82	0	02	0	0	0	0	0	9	0								
11		10115	507		520	13	01	82	1	02	0	0	0	0	0	9	0								
14		10115	508		522	09	02	82	1	02	0	0	0	0	0	9	0								
17		10122	508		522	12	03	82	1	02	0	0	0	0	0	9	0								
20		10130	510		523	12	03	82	0	01	0	0	0	0	0	9	0								
23		10133	508		523	09	03	82	0	02	0	0	0	0	0	9	0								
07	02	10134	510		524	11	03	82	0	02	0	0	0	0	0	9	0								
05		10134	510		523	11	02	82	0	02	0	0	0	0	0	9	0								
08		10132	505		519	00	00	82	5	03	1	0	0	0	0	9	0								
11		10128	00		513	05	10	82	5	03	1	0	0	0	0	9	0								
14		10118	02		507	03	21	58	5	03	7	0	0	0	0	9	7	7	7						
17		10114	05		505	04	10	58	5	02	2	0	0	0	0	9	5	5	5						
20		10126	09		502	05	23	52	5	02	3	0	0	0	0	9	0	9	1						
23		10142	07		504	04	10	82	5	02	3	0	0	0	0	9	0	7	7						
08	02	10151	09		502	05	08	66	8	02	2	1	0	0	0	9	0	7	7						
05		10147	06		506	00	00	66	8	02	2	1	0	0	0	8	3	7	7						
08		10143	06		506	00	00	53	5	01	1	0	0	0	0	8	2	7	7						
11		10140	09		506	10	02	53	5	03	2	0	0	0	0	8	2	7	7						
14		10152	14		502	10	02	63	8	02	2	0	0	0	0	9	0	7	7						
17		10153	15		502	04	04	66	8	02	2	0	0	0	0	9	0	9	1						
20		10125	18		503	06	02	66	8	02	2	0	0	0	0	9	0	9	1						
23		10130	20		00	11	16	66	8	02	1	1	0	0	0	9	2	0	0						
02	02	10138	19		501	06	04	66	8	02	2	0	0	0	0	9	0	7	7						
05		10142	20		502	00	00	66	8	02	2	0	0	0	0	9	0	7	7						
08		10142	20		503	06	14	74	8	02	2	0	0	0	0	9	2	0	0						
11		10156	20		502	10	08	74	8	02	2	0	0	0	0	9	7	7							

Results of Surface Observations,
DAVIS JUNE, 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE mb $\times 10^{-1}$	TEMPERATURES				SURFACE WIND			VISIBILITY Oktas	PRESENT WEATHER	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST					
				DRY BULB °F	WET BULB °F	DEPT POINT °F	DIRECTION °x 10	KT	VV	CLOUD AMOUNT			TYPE	AMOUNT	BASE	MIDDLE	HIGH	DIRECTION OF WIND °x 10	KT	St. MILES	ANEOMETER WIND RUN Points	PRECIPITATION	MAXIMUM IN. -F	MINIMUM IN. -F
10	02	10152	19	502	00	00	74	0	01	0	0.1	0.1	9	0	0	0	0	0	0	0	0	0	0	
	05	10151	18	502	14	02	74	0	01	0			9	0	0	0	0	0	0	0	0	0	0	
	08	10129	18	502	10	06	80	0	02	0			9	0	0	0	0	0	0	0	0	0	0	
	11	10130	17	503	13	02	82	8	03	2			9	0	0	0	0	0	0	0	0	0	0	
	14	10123	16	504	10	09	82	1	01	1			9	0	0	0	0	0	0	0	0	0	0	
	17	10114	14	505	10	12	82	0	01	0			9	0	0	0	0	0	0	0	0	0	0	
	20	10103	13	505	11	11	82	0	02	0			9	0	0	0	0	0	0	0	0	0	0	
	23	10109	10	505	10	05	82	0	02	0	0.2	0.2	9	0	0	0	0	0	0	0	0	0	0	
11	02	10117	08	506	12	11	82	0	02	0			9	0	0	0	0	0	0	0	0	0	0	
	05	10118	05	508	12	06	82	0	02	0			9	0	0	0	0	0	0	0	0	0	0	
	08	10119	05	508	14	03	82	0	02	0			9	0	0	0	0	0	0	0	0	0	0	
	11	10126	05	508	07	04	82	0	02	0			9	0	0	0	0	0	0	0	0	0	0	
	14	10136	05	508	00	00	82	1	03	1			9	0	0	0	0	0	0	0	0	0	0	
	17	10144	06	507	11	03	82	0	01	0			9	0	0	0	0	0	0	0	0	0	0	
	20	10148	06	507	11	03	82	0	02	0			9	0	0	0	0	0	0	0	0	0	0	
	23	10149	07	505	07	04	82	0	02	0	0.2	0.2	9	0	0	0	0	0	0	0	0	0	0	
12	02	10149	05	508	00	00	82	0	02	0			9	0	0	0	0	0	0	0	0	0	0	
	05	10158	05	507	10	04	82	0	02	0			9	0	0	0	0	0	0	0	0	0	0	
	08	10165	06	507	10	05	82	0	02	0			9	0	0	0	0	0	0	0	0	0	0	
	11	10167	06	507	13	03	82	0	02	0			9	0	0	0	0	0	0	0	0	0	0	
	14	10176	05	507	11	05	82	0	02	0			9	0	0	0	0	0	0	0	0	0	0	
	17	10178	05	507	11	05	82	0	02	0			9	0	0	0	0	0	0	0	0	0	0	
	20	10185	08	505	11	02	82	0	02	0			9	0	0	0	0	0	0	0	0	0	0	
13	02	10162	07	507	10	08	82	0	02	0	0.2	0.2	9	0	0	0	0	0	0	0	0	0	0	
	05	10145	09	507	11	11	82	0	02	0			9	0	0	0	0	0	0	0	0	0	0	
	08	10118	09	507	12	22	82	0	02	0			9	0	0	0	0	0	0	0	0	0	0	
	11	10118	13	506	12	03	82	5	02	2			9	0	0	0	0	0	0	0	0	0	0	
	14	10114	13	504	09	13	82	5	02	1			9	0	0	0	0	0	0	0	0	0	0	
	17	10090	11	504	10	06	82	1	02	1			9	0	0	0	0	0	0	0	0	0	0	
	20	10072	10	504	09	03	80	8	03	1			8	5	0	0	0	0	0	0	0	0	0	
14	02	10009	08	507	12	04	80	8	03	1	0.2	0.2	9	0	0	0	0	0	0	0	0	0	0	
	05	9981	09	504	00	00	80	5	01	1			9	0	0	0	0	0	0	0	0	0	0	
	08	9953	05	506	18	08	80	1	01	1			9	3	0	0	0	0	0	0	0	0	0	
	11	9927	06	504	17	08	74	8	03	1			9	2	0	0	0	0	0	0	0	0	0	
	14	9903	03	503	00	00	74	8	02	2			8	2	0	0	0	0	0	0	0	0	0	
	17	9890	03	501	05	03	74	8	02	2			8	2	0	0	0	0	0	0	0	0	0	
	20	9864	04	502	04	03	58	8	05	2			8	1	0	0	0	0	0	0	0	0	0	
15	02	9846	06	504	04	03	17	16	8	71	0.2	0.2	9	0	0	0	0	0	0	0	0	0	0	
	05	9830	05	504	04	03	13	16	8	56			7	8	0	0	0	0	0	0	0	0	0	
	08	9816	04	502	02	03	21	16	8	56			3	5	0	0	0	0	0	0	0	0	0	
	11	9793	04	502	02	03	16	16	8	56			5	5	0	0	0	0	0	0	0	0	0	
	14	9757	03	502	02	03	16	32	8	36			2	6	0	0	0	0	0	0	0	0	0	
	17	9721	06	504	04	03	25	16	8	59			3	8	0	0	0	0	0	0	0	0	0	
	20	9685	07	505	05	03	34	01	01	39			3	8	0	0	0	0	0	0	0	0	0	
16	02	9712	05	503	03	25	08	8	58	3	0.2	0.2	6	5	0	0	0	0	0	0	0	0	0	
	05	9724	05	506	06	31	08	56	8	02			3	5	0	0	0	0	0	0	0	0	0	
	08	9774	05	509	00	00	60	7	01	7			7	5	0	0	0	0	0	0	0	0	0	
	11	9830	506	509	06	31	08	56	8	02			2	6	0	0	0	0	0	0	0	0	0	
	14	9854	507	509	36	01	56	5	01	2			6	5	0	0	0	0	0	0	0	0	0	
	17	9865	511	513	00	00	74	3	01	1			5	5	0	0	0	0	0	0	0	0	0	
	20	9865	508	511	00	00	74	4	01	1			4	5	0	0	0	0	0	0	0	0	0	
17	02	9883	505	510	00	00	80	8	02	1	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	
	05	9891	504	507	22	04	80	1	01	1			1	1	0	0	0	0	0	0	0	0	0	
	08	9898	511	518	00	00	80	2	03	1			1	2	0	0	0	0	0	0	0	0	0	
	11	9896	513	517	00	00	80	3	03	1			1	1	0	0	0	0	0	0	0	0	0	
	14	9895	516	521	00	00	80	0	01	0			0	0	0	0	0	0	0	0	0	0	0	
	17	9902	517	523	00	00	80	0	02	0			0	0	0	0	0	0	0	0	0	0	0	
	20	9896	516	522																				

Results of Surface Observations,
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Results of Surface Observations,
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DAY	HOUR	LOCAL STANDARD TIME	STATION LEVEL PRESSURE 10 ⁻¹ in	TEMPERATURES			SURFACE WIND		PRESENT WEATHER	VISIBILITY OKtas	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN St.miles	EXTREME TEMPERATURES		
				DRY BULB °F	WET BULB °F	DEWPNT °F	DIRECTION °x 10	KT			CLOUD AMOUNT	C _L	C _M	C _H	D _L	D _M	D _H	DIRECTION °x 10	KT	MAXIMUM WIND RUN Points	MINIMUM °F	
											%	OKtas	WW	%								
28	02	9970	501	517	10	84	0	02	0	84	0	0	0	0	0	0	0	0	0	0	0	507
	05	9973	504	520	09	84	0	02	0	84	0	0	0	0	0	0	0	0	0	0	0	
	08	9979	504	520	09	84	0	02	0	84	0	0	0	0	0	0	0	0	0	0	0	
	11	9979	504	520	08	84	0	02	0	84	0	0	0	0	0	0	0	0	0	0	0	
	14	9986	506	521	00	84	0	02	0	84	0	0	0	0	0	0	0	0	0	0	0	
	17	9985	506	521	00	84	0	02	0	84	0	0	0	0	0	0	0	0	0	0	0	
	20	9976	505	521	09	84	0	02	0	84	0	0	0	0	0	0	0	0	0	0	0	
	23	9965	506	521	09	84	0	02	0	84	0	0	0	0	0	0	0	0	0	0	0	
	02	9948	503	519	07	84	0	02	0	84	0	0	0	0	0	0	0	0	0	0	0	
	05	9927	501	520	09	84	0	02	0	84	0	0	0	0	0	0	0	0	0	0	0	
29	08	9905	505	521	00	84	0	02	0	84	0	0	0	0	0	0	0	0	0	0	0	
	11	9881	503	519	10	84	0	02	0	84	0	0	0	0	0	0	0	0	0	0	0	
	14	9858	504	519	11	84	0	02	0	84	0	0	0	0	0	0	0	0	0	0	0	
	17	9842	505	520	12	84	0	02	0	84	0	0	0	0	0	0	0	0	0	0	0	
	20	9818	507	521	10	84	0	02	0	84	0	0	0	0	0	0	0	0	0	0	0	
	23	9790	508	523	10	84	0	02	0	84	0	0	0	0	0	0	0	0	0	0	0	
	02	9774	509	523	10	84	0	02	0	84	0	0	0	0	0	0	0	0	0	0	0	
	05	9757	501	525	09	84	0	02	0	84	0	0	0	0	0	0	0	0	0	0	0	
	08	9757	511	525	09	84	0	02	0	84	0	0	0	0	0	0	0	0	0	0	0	
	11	9769	513	526	12	84	0	02	0	84	0	0	0	0	0	0	0	0	0	0	0	
30	14	9796	513	526	00	84	0	02	0	84	0	0	0	0	0	0	0	0	0	0	0	
	17	9811	512	526	00	84	0	02	0	84	0	0	0	0	0	0	0	0	0	0	0	
	20	9851	510	525	07	84	0	02	0	84	0	0	0	0	0	0	0	0	0	0	0	
	23	9886	510	522	06	84	0	02	0	84	0	0	0	0	0	0	0	0	0	0	0	

Results of Surface Observations,
DAVIS JULY, 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE $\text{mb} \times 10^{-1}$	TEMPERATURES			SURFACE WIND			VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER			LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			ANEMOMETER WIND RUN			PRECIPITATION		EXTREME TEMPERATURES	
				DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION °x 10	SPEED kt	VV			Oktet ww	vv	Oktet ww	C _L	TYPE	AMOUNT	C _M	C _H	BASE	D _L	D _M	D _H	DIRECTION °x to	SPEED kt	St. Miles	Points	MAXIMUM °F	MINIMUM °F	
01	02	9947	511	522	05	05	84	0	02	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05	9956	510	520	00	00	84	0	02	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08	9979	506	514	06	04	82	8	03	1	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11	10007	501	509	04	05	74	8	03	2	8	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	14	10007	01	508	03	23	66	8	02	2	8	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	17	10011	01	501	03	26	16	8	36	3	8	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	20	10027	02	00	03	28	16	8	38	3	8	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
02	02	10029	05	02	03	22	03	71	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05	10032	05	01	03	22	02	71	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08	10024	04	501	02	15	16	8	36	7	8	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	11	10019	05	01	00	00	16	8	71	7	8	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	14	9987	05	01	18	04	58	8	02	7	5	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	17	9962	04	00	16	04	58	8	01	1	5	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	20	9936	07	03	13	02	58	8	02	2	8	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
03	02	9979	04	501	00	00	32	6	71	7	8	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	05	9861	06	02	00	00	32	6	71	7	8	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	08	9848	06	02	00	00	48	8	02	7	8	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	11	9832	08	03	13	02	79	8	02	2	8	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	14	9825	09	503	00	00	32	8	16	2	8	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	17	9815	11	03	00	00	32	8	71	7	8	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	20	9801	10	07	19	02	32	8	71	7	8	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
04	02	9796	15	05	05	02	50	8	02	7	8	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	05	9793	14	07	05	10	48	8	36	7	8	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	08	9793	16	08	05	02	53	8	02	3	5	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	11	9801	16	03	07	09	63	7	01	3	7	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	14	9814	13	00	09	09	63	7	15	2	7	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	17	9816	12	501	10	10	74	8	01	2	3	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	20	9807	13	01	12	04	74	8	03	1	8	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
05	02	9794	16	05	00	00	58	8	71	7	8	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	05	9785	17	07	00	00	66	8	02	7	8	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	08	9790	16	09	00	00	74	8	02	2	5	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	11	9791	16	11	00	00	66	8	02	2	7	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	14	9786	16	05	00	00	45	8	02	2	3	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	17	9795	09	09	00	00	32	8	71	7	8	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	20	9785	16	05	10	03	66	8	72	7	8	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
06	02	9792	14	00	05	11	66	8	02	2	8	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	05	9798	13	02	06	19	58	8	36	3	5	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	08	9818	10	01	06	22	58	8	36	3	8	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	11	9835	09	02	06	21	32	8	36	3	8	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	14	9857	08	00	05	13	58	8	02	3	8	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	17	9869	09	501	06	11	58	8	02	2	8	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	20	9877	08	503	00	00	63	8	02	2	8	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
07	02	9880	04	504	00	00	63	8	02	2	8	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	05	9873	04	504	00	00	65	8	02	2	8	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	08	9861	03	505	00	00	65	8	02	2	8	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	11	9855	01	508	00	00	74	8	02	1	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	14	9849	01	509	14	01	74	8	03</td																					

Results of Surface Observations,
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LOCAL STANDARD TIME	DAY	HOUR	TEMPERATURES				SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	LOW CLOUD			MIDDLE CLOUD			HIGH CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			EXTREME TEMPERATURES		
			STATION LEVEL PRESSURE		DRY BULB	WET BULB	DEW POINT	DIRECTION				Oktas	ww	w	Oktas	C _L	h	D _L	D _M	D _H	Direction	Speed	Anemometer Wind Run	Points	Maximum Temp	Minimum Temp			
			mb x 10 ⁻²	°F	°F	= x 10	kt	VV	Speed																				
10	02	9849	507	515	11	04	2	8	01	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05	9859	507	514	00	03	5	8	71	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08	9869	505	510	00	00	5	8	71	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11	9870	503	507	05	03	4	8	71	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14	9861	501	506	02	10	4	8	71	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17	9861	501	505	08	06	4	8	71	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20	9852	502	506	08	05	5	8	71	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23	9842	501	506	08	04	5	8	70	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02	9836	502	505	26	08	3	2	71	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05	9827	503	506	27	08	3	2	73	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	08	9822	504	507	00	00	1	6	8	71	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11	9817	504	507	07	00	00	1	6	8	71	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14	9813	505	508	00	00	1	6	8	71	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17	9807	505	508	00	00	1	6	8	71	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20	9800	505	508	00	00	1	6	8	71	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23	9791	504	507	00	00	1	6	8	71	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02	9770	501	504	06	04	1	6	8	71	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05	9751	04	501	05	10	1	6	8	71	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08	9733	05	502	05	12	3	2	9	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11	9705	07	501	05	12	3	2	9	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	14	9695	10	503	04	17	3	5	8	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17	9680	10	506	05	13	3	5	8	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20	9659	11	505	05	12	3	5	8	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23	9654	10	505	05	25	3	5	8	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02	9652	10	501	02	05	15	3	5	8	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05	9653	12	501	09	02	15	3	5	8	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08	9650	09	504	10	00	10	3	5	8	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11	9654	08	505	10	00	10	3	5	8	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14	9657	07	506	10	09	3	5	8	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17	9677	06	507	10	12	3	5	8	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	20	9696	05	507	10	09	3	5	8	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23	9710	05	506	13	04	3	5	8	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02	9724	05	508	09	08	6	6	7	01	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05	9737	06	508	09	10	6	6	7	01	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08	9750	05	516	12	06	6	6	7	01	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11	9753	07	511	10	05	5	5	7	01	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14	9766	07	511	01	00	4	8	71	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17	9790	06	511	01	11	05	3	2	8	71	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20	9797	05	502	00	00	3	2	8	71	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23	9807	02	503	10	05	5	6	8	01	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	02	9816	502	506	10	08	4	0	7	01	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05	9828	01	512	00	00	3	0	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08	9830	504	512	00	00	3	0	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11	9831	502	510	09	05	3	2	7	03	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14	9828	502	509	09	05	3	2	7	03	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17	9832	503	510	09	05	3	2	7	03	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20	9819	503	511	00	00	3	2	4	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23	9811	505	512	00	00	3	2	4	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	02	9799	505	510	26	06	5	6	8	02	0	0</td																	

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE $\text{mb} \times 10^{-1}$	TEMPERATURES			SURFACE WIND		VISIBILITY Oktas	PRESENT WEATHER ww	FAST WEATHER Okta	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN St. miles	PRECIPITATION Points	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB °F	WET BULB °F	Dew Point °x 10	Direction kt	Speed °x 10				CLOUD AMOUNT C _L	C _M	C _H	D _L	D _M	D _H	Direction kt	Speed °x 10	MAXIMUM WIND SPEED kt	MINIMUM WIND SPEED kt	MAXIMUM TEMPERATURE °F	MINIMUM TEMPERATURE °F
28	02	9891	50	51	51	04	08	48	R	71	7	7	3	5	4	0.4	1.6	180	0.0	505		
	05	9883	50	51	51	04	09	56	R	71	7	7	3	5	4							
	08	9875	50	51	51	00	00	56	R	71	7	7	3	5	4							
	11	9868	50	51	51	00	00	48	R	71	7	7	3	5	4							
	14	9860	50	51	51	06	00	48	R	71	7	7	3	5	4							
	17	9849	50	51	51	00	00	58	R	02	7	7	3	5	4							
	20	9837	50	52	51	00	00	58	R	02	7	7	3	5	4							
29	23	9820	50	51	51	00	00	58	R	02	7	7	3	5	4	1.2	1.0	0.61	505	517		
	02	9797	50	50	50	00	00	63	R	01	1	4	0	0	0							
	05	9773	50	50	50	00	00	63	R	02	2	4	0	0	0							
	08	9749	50	50	51	00	00	63	R	02	2	5	0	0	0							
	11	9732	50	50	51	00	00	63	R	70	2	8	0	0	0							
	14	9723	50	50	51	10	07	66	R	02	2	7	6	5	4							
	17	9715	51	51	52	10	02	66	R	01	1	1	6	5	4							
30	20	9713	51	51	52	12	06	74	R	01	1	0	0	0	0	0.2	1.8	150	509	514		
	23	9711	51	51	52	12	05	74	R	03	1	0	0	0	0							
	02	9712	51	51	52	11	05	80	R	03	1	0	0	0	0							
	05	9724	51	51	51	11	05	80	R	02	2	3	0	0	0							
	08	9737	50	50	51	09	06	84	R	02	2	1	0	0	0							
	11	9767	50	50	51	06	09	84	R	77	2	4	0	0	0							
	14	9785	51	51	51	05	08	87	R	01	7	1	0	0	0							
31	17	9801	51	51	51	07	04	58	R	77	7	2	0	0	0	0.5	1.0	161	514	529		
	20	9812	51	51	51	07	05	58	R	71	7	8	0	0	0							
	23	9834	51	51	51	03	08	58	R	71	7	8	0	0	0							
	02	9846	51	51	52	05	04	66	R	01	7	2	0	0	0							
	05	9858	52	52	52	00	00	66	R	01	0	1	0	0	0							
	08	9869	52	52	52	00	00	66	R	03	1	3	0	0	0							
	11	9875	52	52	52	00	00	66	R	03	1	1	0	0	0							
31	14	9884	52	52	52	13	04	66	R	01	1	0	0	0	0	0.5	1.0	161	514	529		
	17	9885	52	52	53	11	06	80	R	01	0	0	0	0	0							
	20	9886	52	52	53	00	00	80	R	01	0	0	0	0	0							
	23	9877	52	52	53	09	02	82	R	02	0	0	0	0	0							

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LOCAL STANDARD TIME		TEMPERATURES				SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER		LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN		PRECIPITATION		EXTREME TEMPERATURES		
		STATION LEVEL PRESSURE	DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION °x 10	KILO METERS PER HOUR	VV OKtas	WW	PAST WEATHER	AMOUNT	CLOUD TYPE	h	C _M	C _H	D _L	D _M	D _H	DIRECTION KILO METERS PER HOUR	ST. MILES	POINTS	MAXIMUM °F	MINIMUM °F			
19	02	9798	00			507	00	00	66	8	02	2														
05		9808	01			510	01	16	66	8	02	2														
08		9831	502			513	03	10	74	8	02	2														
11		9847	503			513	03	13	66	8	02	2														
14		9860	505			516	02	16	66	8	02	2														
17		9873	508			516	10	02	56	7	02	2														
20		9877	510			519	00	00	74	2	01	1														
23		9885	511			522	00	00	74	1	01	1														
20	02	9890	514			525	00	00	80	0	01	1														
05		9898	516			526	11	03	82	1	03	1														
08		9898	517			527	00	00	82	1	03	1														
11		9902	516			527	00	00	82	1	03	1														
14		9875	512			523	00	00	82	1	03	1														
17		9889	515			525	00	00	82	1	03	1														
20		9858	517			526	00	00	82	0	02	1														
23		9849	520			529	14	02	82	0	02	1														
21	02	9856	521			530	00	00	82	0	02	1														
05		9827	520			530	00	00	82	0	02	1														
08		9817	521			531	00	00	82	1	02	1														
11		9814	518			527	00	00	84	5	03	1														
14		9819	512			524	27	12	80	6	02	1														
17		9831	524			528	26	09	80	6	02	1														
20		9855	525			531	00	00	82	0	02	1														
23		9877	525			531	00	00	82	0	02	1														
22	02	9897	526			532	00	00	82	0	02	1														
05		9913	526			533	00	00	82	0	02	1														
08		9928	529			537	00	00	84	1	03	1														
11		9944	525			534	00	00	84	0	01	1														
14		9963	520			530	00	00	84	1	03	1														
17		9961	523			532	22	06	84	1	03	1														
20		9976	526			535	22	05	82	0	02	1														
23		9976	523			532	17	09	82	0	02	1														
23	02	9964	524			531	18	08	82	0	02	1														
05		9960	524			530	20	05	82	1	02	1														
08		9950	526			531	25	10	84	1	02	1														
11		9936	528			533	23	10	85	1	02	1														
14		9929	529			533	22	06	84	1	02	1														
17		9915	530			535	22	05	82	0	02	1														
20		9906	531			536	00	00	85	0	02	1														
23		9895	531			537	00	00	80	0	02	1														
24	02	9883	532			537	00	00	80	0	02	1														
05		9870	533			538	00	00	80	0	02	1														
08		9861	534			539	00	00	84	2	03	1														
11		9843	531			536	00	00	84	6	03	1														
14		9838	530			535	00	00	84	4	01	1														
17		9825	531			536	00	00	80	0	01	1														
20		9810	532			537	00	00	80	0	01	1														
23		9803	532			537	00	00	80	0	01	1														
25	02	9805	532			537	00	00	80	0	02	1														
05		9815	533			538	00	00	86	8	02	1														
08		9824	534			539	00	00	86	8	02	1														
11		9837	534			539	19	05	86	8	02	1														
14		9845	530			535	18	05	86	8	02	1														
17		9838	533			538	21	04	86	8	02	1														
20		9800	533			538	21	04	86	8	02	1														
23		9764	531			536	21	04	86	8	02	1														
26	02	9694	528			531	17	06	66	3	01	2														
05		9633	521			526	00	00	66	3	02	2														
08		9611	514			519	20	14	66	3	02	2														
11		9612	505			509	20	09	58	2	02	2														
14		9635	503			500	18	13	24	0	02	2														
17		9660	504			512	00	00	84	2	02	2														
20		9690	502			501	10	06	82	4	02	2														
23		9693	501			503	11	05	82	2	02	2														
27	02	9701	501			503	00	00	66	3	01	2														
05		9609	500			504	13	03	66	3	02	2														
08		9680	507			511	00	00	80	2	02	2														
11		9679	505			512	12	04	84	2	02	2														
14		9687	504																							

Results of Surface Observations,
DAVIS AUGUST, 1962

LOCAL STANDARD TIME		TEMPERATURES				SURFACE WIND				EXTREME TEMPERATURES														
DAY	HOUR	STATION LEVEL PRESSURE mb $\times 10^{-1}$	DRY BULB °F	WET BULB °F	DEP. POINT °F	DIRECTION ° $\times 10$	KILOMETERS kt	SPEED VV	VISIBILITY Oktas	CLOUD AMOUNT Oktas	PRES. WEATHER WW	C _L	C _M	C _H	D _L	D _M	D _H	$\times 10$	kt	St. miles	Points	MAXIMUM in	MINIMUM in	
28	02	9671	513			520	00	00	82	0	0.2													
	05	9663	513			517	00	00	82	0	0.2													
	08	9653	511			519	09	07	84	1	0.3													
	11	9645	507			516	09	03	84	0	0.1													
	14	9649	504			514	00	00	84	0	0.2													
	17	9650	505			516	00	00	84	0	0.2													
	20	9651	507			516	09	08	84	0	0.2													
29	23	9660	505			513	08	08	84	0	0.2													
	02	9677	510			517	00	00	84	0	0.2													
	05	9654	508			513	00	00	58	0	7.6													
	08	9709	509			512	26	03	58	0	4.0													
	11	9738	508			510	26	05	58	0	0.2													
	14	9756	510			513	21	06	58	0	0.2													
	17	9750	514			517	23	04	56	0	0.2													
30	20	9739	506			511	00	00	66	0	0.2													
	23	9732	00			512	04	03	66	0	0.2													
	02	9759	501			511	05	04	66	4	0.3													
	05	9738	01			506	07	07	66	8	0.3													
	08	9744	07			501	08	10	48	7	7.1													
	11	9743	10			506	06	24	58	7	3.8													
	14	9755	11			503	06	18	66	8	0.2													
31	17	9777	07			507	09	11	74	8	0.2													
	20	9788	04			510	08	10	74	8	0.2													
	23	9798	01			511	09	16	80	0	0.1													
	02	9817	01			512	09	10	80	0	0.2													
	05	9834	503			515	09	10	80	0	0.2													
	08	9845	505			517	10	07	84	4	0.3													
	11	9842	501			513	09	04	84	1	0.1													
32	14	9844	01			512	07	04	84	0	0.2													
	17	9839	504			516	05	06	84	0	0.2													
	20	9831	507			519	07	08	82	0	0.2													
	23	9821	507			516	08	06	82	0	0.2													
	02	9821	507			516	08	06	82	0	0.2													

Results of Surface Observations,

DAVIS SEPT., 1962

LOCAL STANDARD TIME		STATION LEVEL PRESSURE		TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER			LOW CLOUD			MIDDLE CLOUD			HIGH CLOUD			DIRECTION OF CLOUD MOVEMENT		MAXIMUM WIND GUST		ANEMOMETER WIND RUN		PRECIPITATION		EXTREME TEMPERATURES	
				DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED			OKTAS	WW	W	OKTAS	AMOUNT	C _L	TYPE	h	C _M	C _H	D _L	D _M	D _H	DIR x 10	KT	St. miles	Points	MAX	MIN			
DAY	hour	mb x 10 ⁻³	°F	°F	°x 10	kt	VV	oktas	ww	w	oktas	amount	h	base	high	low	middle	high	low	middle	high	dir	speed	km	km	km	km	km	km			
01	02	9818	512	524	10	0.5	84	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	05	9825	512	524	10	0.8	84	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	08	9823	514	525	0.9	0.8	84	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	11	9830	509	521	1.1	0.3	84	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	14	9842	509	520	0.0	0.0	84	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	17	9849	509	522	0.0	0.0	84	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	20	9865	512	523	0.0	0.5	84	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	23	9869	513	523	1.2	0.6	84	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
02	02	9878	513	524	0.0	0.0	84	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	05	9881	514	524	0.0	0.0	84	1	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	08	9878	513	524	0.0	0.0	84	1	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	11	9885	508	520	0.0	0.0	84	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	14	9885	503	515	0.5	0.0	84	5	0.3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	17	9888	508	519	0.9	0.4	84	2	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	20	9887	506	518	0.0	0.0	84	8	0.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	23	9876	510	521	0.0	0.0	84	0	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
03	02	9869	510	521	0.0	0.0	84	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	05	9856	513	524	1.7	0.2	84	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	08	9842	514	524	1.2	0.5	84	1	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	11	9824	511	521	0.0	0.0	84	1	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	14	9813	505	517	1.3	0.4	84	1	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	17	9807	505	517	1.2	0.4	84	1	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	20	9805	507	518	0.9	0.5	84	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	23	9803	505	517	1.1	0.2	84	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
04	02	9802	508	519	1.0	0.6	84	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	05	9800	508	519	0.9	1.0	84	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	08	9767	507	518	1.1	0.6	84	1	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	11	9778	511	513	1.4	0.8	84	2	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	14	9766	502	510	1.3	0.7	84	3	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	17	9750	500	511	1.2	0.8	84	4	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	20	9745	502	513	1.4	0.6	84	5	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	23	9736	501	512	1.3	1.0	84	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
05	02	9734	02	509	1.2	1.1	58	0	0.5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	05	9734	05	509	1.1	0.5	48	0	0.5	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	08	9731	08	502	0.4	2.7	48	0	0.2	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	11	9734	13	506	0.2	0.5	32	48	0	0.2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	14	9733	12	506	0.3	0.5	29	48	0	0.2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	17	9760	11	509	0.9	0.4	32	8	0	0.2	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	20	9787	11	507	1.0	1.0	56	0	0.2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	23	9803	12	506	0.5	0.5	26	56	0	0.2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
07	02	9776	10	501	1.2	0.8	56	0	0.2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	05	9769	09	500	1.3	0.5	56	7	0	0.2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	08	9761	09	500	1.2	0.5	33	7	0	0.2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	11	9758	11	501	0.0	0.0	33	7	0	0.2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	14	9756	13	501	0.4	0.5	35	8	0	0.2	2	2	2																			

Results of Surface Observations,
DAVIS SEPT., 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE mb $\times 10^{-1}$	TEMPERATURES		SURFACE WIND		VISIBILITY VV	CLOUD AMOUNT Oktas	PRESENT WEATHER WW	LOW CLOUD		DIRECTION OF CLOUD MOVEMENT		MAXIMUM WIND GUST		EXTREME TEMPERATURES		
				DRY BULB °F	WET BULB °F	D.E. °x 10 °F	DIRECTION kt				MIDDLE CL.	HIGH CL.	DIRECTION LOW CL.	DIRECTION MIDDLE CL.	DIRECTION HIGH CL.	ANEMOMETER WIND RUN ft Miles	PRECEPITATION Points	MAXIMUM °F	MINIMUM °F
10	02	9897	505	517	00	00	00	02	0	02	0	0	0	0	0	0	0	0	0
	05	9908	503	514	00	00	00	04	0	02	0	0	0	0	0	0	0	0	0
	08	9913	505	516	00	00	00	04	0	02	0	0	0	0	0	0	0	0	0
	11	9921	01	512	00	00	00	04	1	02	0	0	0	0	0	0	0	0	0
	14	9923	01	510	00	00	00	04	2	02	0	0	0	0	0	0	0	0	0
	17	9931	00	510	00	00	00	04	3	02	0	0	0	0	0	0	0	0	0
	20	9934	502	512	00	00	00	04	8	02	0	0	0	0	0	0	0	0	0
	23	9927	00	511	00	00	00	04	8	02	0	0	0	0	0	0	0	0	0
11	02	9927	502	513	00	00	00	04	8	02	0	0	0	0	0	0	0	0	0
	05	9934	503	513	09	04	04	04	5	02	0	0	0	0	0	0	0	0	0
	08	9933	503	513	14	08	04	04	5	02	0	0	0	0	0	0	0	0	0
	11	9940	01	511	00	00	00	05	5	02	0	0	0	0	0	0	0	0	0
	14	9935	04	508	00	00	00	04	4	02	0	0	0	0	0	0	0	0	0
	17	9940	01	511	00	00	00	04	5	02	0	0	0	0	0	0	0	0	0
	20	9939	503	514	09	02	00	04	8	02	0	0	0	0	0	0	0	0	0
	23	9940	502	513	09	07	04	6	01	01	04	1	01	01	01	01	01	01	01
12	02	9931	00	511	10	06	00	00	7	02	0	0	0	0	0	0	0	0	0
	05	9921	02	510	11	06	00	00	7	02	0	0	0	0	0	0	0	0	0
	08	9909	05	507	09	06	00	04	8	02	0	0	0	0	0	0	0	0	0
	11	9903	07	505	11	06	00	04	8	02	0	0	0	0	0	0	0	0	0
	14	9886	07	505	11	06	00	04	7	02	0	0	0	0	0	0	0	0	0
	17	9868	04	508	13	06	00	04	7	02	0	0	0	0	0	0	0	0	0
	20	9846	01	510	13	06	00	04	2	02	0	0	0	0	0	0	0	0	0
	23	9826	502	513	12	09	00	01	0	0	0	0	0	0	0	0	0	0	0
13	02	9805	502	513	07	03	04	00	01	02	0	0	0	0	0	0	0	0	0
	05	9787	502	513	10	07	04	00	02	02	0	0	0	0	0	0	0	0	0
	08	9780	00	512	00	00	00	04	3	02	0	0	0	0	0	0	0	0	0
	11	9781	04	507	09	02	00	04	4	02	0	0	0	0	0	0	0	0	0
	14	9769	09	504	00	00	00	04	7	02	0	0	0	0	0	0	0	0	0
	17	9765	10	503	00	00	00	04	7	02	0	0	0	0	0	0	0	0	0
	20	9767	09	500	00	00	00	06	8	02	0	0	0	0	0	0	0	0	0
	23	9768	10	500	00	00	00	04	9	02	0	0	0	0	0	0	0	0	0
14	02	9770	05	505	05	09	04	00	1	02	0	0	0	0	0	0	0	0	0
	05	9763	04	508	09	07	00	01	0	02	0	0	0	0	0	0	0	0	0
	08	9760	04	508	11	08	04	1	02	0	0	0	0	0	0	0	0	0	0
	11	9746	10	503	11	04	04	1	02	0	0	0	0	0	0	0	0	0	0
	14	9732	09	505	00	00	00	04	1	02	0	0	0	0	0	0	0	0	0
	17	9724	10	500	15	01	04	5	02	0	0	0	0	0	0	0	0	0	0
	20	9715	07	506	12	02	04	0	0	0	0	0	0	0	0	0	0	0	0
	23	9713	07	506	09	02	04	0	0	0	0	0	0	0	0	0	0	0	0
15	02	9710	07	507	09	09	04	1	03	02	0	0	0	0	0	0	0	0	0
	05	9705	05	507	36	02	04	1	03	02	0	0	0	0	0	0	0	0	0
	08	9709	06	506	00	00	00	04	1	03	02	0	0	0	0	0	0	0	0
	11	9705	08	503	00	00	00	04	4	02	0	0	0	0	0	0	0	0	0
	14	9710	12	502	00	00	00	04	8	02	0	0	0	0	0	0	0	0	0
	17	9715	13	504	00	00	00	04	9	02	0	0	0	0	0	0	0	0	0
	20	9716	11	502	00	00	00	04	8	02	0	0	0	0	0	0	0	0	0
	23	9719	11	503	09	02	00	04	9	02	0	0	0	0	0	0	0	0	0
16	02	9724	09	501	00	00	00	04	8	02	0	0	0	0	0	0	0	0	0
	05	9735	08	501	00	00	00	04	1	02	0	0	0	0	0	0	0	0	0
	08	9748	08	501	05	02	00	04	8	02	0	0	0	0	0	0	0	0	0
	11	9759	09	502	04	02	00	04	8	02	0	0	0	0	0	0	0	0	0
	14	9765	10	503	00	00	00	04	8	02	0	0	0	0	0	0	0	0	0
	17	9770	09	502	04	00	00	04	8	02	0	0	0	0	0	0	0	0	0
	20	9777	05	506	08	00	00	04	8	02	0	0	0	0	0	0	0	0	0
	23	9789	02	510	00	00	00	04	0	01	0	0	0	0	0	0	0	0	0
17	02	9798	03	506	08	04	04	2	02	0	0	0	0	0	0	0	0	0	0
	05	9804	03	504	08	04	04	2	02	0	0	0	0	0	0	0	0	0	0
	08	9809	05	504	08	04	04	2	02	0	0	0	0	0	0	0	0	0	0
	11	9818	09	502	08	00	00	04	8	02	0	0	0	0	0	0	0	0	0
	14	9817	11	501	00	00	00	04	8	02	0	0	0	0	0	0	0	0	0
	17	9810	09	502	00	00	00	04	8	02	0	0	0	0	0	0	0	0	0
	20	9801	02	507	00	00	00	04	1	02	0	0	0	0	0	0	0	0	0
	23	9794	01	510	00	00	00	04	0	01	0	0	0	0	0	0	0	0	0
18	02	9789	502	511	10	02	04	1	03	02	0	0	0	0	0	0	0	0	0
	05	9784	502	507	08	03	00	04	7	02	0	0	0	0	0	0	0	0	0
	08	9783	51	508	10	03	04	7	02	0	0	0	0	0	0	0	0	0	0
	11	9783	02	507	05	03	04	8	02	0	0	0	0	0	0	0	0	0	0
	14	9787	03	501	00	00	00	04	2	02	0	0	0	0	0	0	0	0	0
	17	9791	01	502	00	00	00	04	1	01	0	0	0	0	0	0	0	0	0
	20	9801	503	504	09	01	04	3	02	0	0	0	0	0	0	0	0	0	0
	23	9817	505	515	06	02	04	3	02	0	0	0							

**Results of Surface Observations,
DAVIS SEPT., 1962**

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE mb x 10 ⁻¹	TEMPERATURES		SURFACE WIND			VISIBILITY VV	CLOUD AMOUNT OCTAS	PRESENT WEATHER WW	PAST WEATHER WW	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			ANEMOMETER WIND RUN St. miles	PRECIPITATION Points	EXTREME TEMPERATURES	
				DRY BULB °F	WET BULB °F	D.E.W. POINT °C x 10	DIRECTION kt	SPEED m/s					C _L	TYPE	AMOUNT	D _L	D _M	D _H	DIRECTION kt	SPEED m/s	MAX. WIND RUN	MAX. WIND MILES	MIN. WIND MILES		
				mb x 10 ⁻¹	°F	°F	°C x 10	kt	m/s																
19	02	9837	508	516	67	22	74	1	03	0	1	2	5	5	5	0	0	0	0	0	0	0	0	502	510
05		9847	507	517	60	20	84	2	03	0	2	5	5	5	5	0	0	0	0	0	0	0	0		
08		9861	507	518	60	20	94	6	03	0	1	5	5	5	5	0	0	0	0	0	0	0	0		
11		9878	502	512	33	10	80	7	03	0	2	7	5	5	5	5	0	0	0	0	0	0	0		
14		9893	502	512	03	07	80	7	02	0	2	7	5	5	5	5	0	0	0	0	0	0	0		
17		9906	503	512	05	02	80	7	01	0	2	2	5	5	5	5	0	0	0	0	0	0	0		
20		9922	508	516	08	02	80	1	01	0	1	1	5	5	5	5	0	0	0	0	0	0	0		
23		9935	509	518	08	01	80	0	01	0	1	1	5	5	5	5	0	0	0	0	0	0	0		
20	02	9948	508	515	515	15	02	80	8	03	1	8	5	5	5	5	0	0	0	0	0	0	0		
05		9959	505	513	513	11	01	74	8	02	0	2	5	5	5	5	0	0	0	0	0	0	0		
08		9970	503	513	11	01	65	8	02	0	2	2	5	5	5	5	0	0	0	0	0	0	0		
11		9977	501	510	05	01	65	0	02	0	2	2	5	5	5	5	0	0	0	0	0	0	0		
14		9979	500	511	00	00	65	0	02	0	1	5	5	5	5	0	0	0	0	0	0	0	0		
17		9968	501	511	17	02	74	0	02	0	1	5	5	5	5	0	0	0	0	0	0	0	0		
20		9952	510	519	15	04	80	0	01	0	1	1	5	5	5	5	0	0	0	0	0	0	0		
23		9940	513	523	00	00	84	0	02	0	0	0	5	5	5	5	0	0	0	0	0	0	0		
21	02	9925	513	522	00	00	84	0	02	0	0	0	5	5	5	5	0	0	0	0	0	0	0		
05		9908	515	524	13	05	84	1	02	0	0	0	5	5	5	5	0	0	0	0	0	0	0		
08		9896	512	522	14	02	84	1	03	0	0	0	5	5	5	5	0	0	0	0	0	0	0		
11		9887	506	519	04	04	84	0	02	0	0	0	5	5	5	5	0	0	0	0	0	0	0		
14		9877	505	517	27	01	84	0	02	0	0	0	5	5	5	5	0	0	0	0	0	0	0		
17		9868	505	517	20	01	84	1	03	0	0	0	5	5	5	5	0	0	0	0	0	0	0		
20		9861	504	514	10	04	74	0	02	0	0	0	5	5	5	5	0	0	0	0	0	0	0		
23		9854	505	515	13	01	74	0	02	0	0	0	5	5	5	5	0	0	0	0	0	0	0		
22	02	9847	506	516	15	02	65	0	02	0	0	0	5	5	5	5	0	0	0	0	0	0	0		
05		9839	506	516	16	02	74	0	02	0	0	0	5	5	5	5	0	0	0	0	0	0	0		
08		9831	506	516	16	02	80	0	02	0	0	0	5	5	5	5	0	0	0	0	0	0	0		
11		9823	503	515	00	00	84	4	01	0	0	0	5	5	5	5	0	0	0	0	0	0	0		
14		9811	502	514	07	00	84	0	02	0	0	0	5	5	5	5	0	0	0	0	0	0	0		
17		9801	504	514	23	02	84	0	02	0	0	0	5	5	5	5	0	0	0	0	0	0	0		
20		9798	509	518	18	02	84	0	02	0	0	0	5	5	5	5	0	0	0	0	0	0	0		
23		9814	510	519	20	02	84	0	02	0	0	0	5	5	5	5	0	0	0	0	0	0	0		
23	02	9794	513	522	00	00	84	0	02	0	0	0	5	5	5	5	0	0	0	0	0	0	0		
05		9796	513	522	00	00	84	0	02	0	0	0	5	5	5	5	0	0	0	0	0	0	0		
08		9794	512	519	00	00	84	7	03	0	0	0	5	5	5	5	0	0	0	0	0	0	0		
11		9799	505	513	24	05	80	7	03	0	0	0	5	5	5	5	0	0	0	0	0	0	0		
14		9804	504	515	23	09	74	0	03	0	0	0	5	5	5	5	0	0	0	0	0	0	0		
17		9810	505	513	22	05	74	0	02	0	0	0	5	5	5	5	0	0	0	0	0	0	0		
20		9824	506	513	21	02	74	0	02	0	0	0	5	5	5	5	0	0	0	0	0	0	0		
23		9834	506	513	00	00	74	0	02	0	0	0	5	5	5	5	0	0	0	0	0	0	0		
24	02	9850	510	513	28	05	74	8	02	0	2	2	5	5	5	5	0	0	0	0	0	0	0		
05		9859	511	517	27	05	80	8	02	0	2	2	5	5	5	5	0	0	0	0	0	0	0		
08		9868	509	516	23	04	80	7	03	0	2	2	5	5	5	5	0	0	0	0	0	0	0		
11		9865	508	515	23	05	80	7	02	0	2	2	5	5	5	5	0	0	0	0	0	0	0		
14		9869	516	516	22	03	80	7	02	0	2	2	5	5	5	5	0	0	0	0	0	0	0		
17		9872	516	514	24	03	80	6	01	0	2	2	5	5	5	5	0	0	0	0	0	0	0		
20		9869	508	516	00	00	80	7	02	0	2	2	5	5	5	5	0	0	0	0	0	0	0		
23		9870	508	510	00	00	80	8	02	0	2	2	5	5	5	5	0	0	0	0	0	0	0		
25	02	9874	509	514	00	00	65	7	03	0	2	2	5	5	5	5	0	0	0	0	0	0	0		
05		9877	509	516	00	00	74	9	03	0	2	2	5	5	5	5	0	0	0	0	0	0	0		
08		9885	517	515	00	00	74	8	03	0	2	2	5	5	5	5	0	0	0	0	0	0	0		
11		9889	515	513	19	01	74	0	02	0	2	2	5	5	5	5	0	0	0	0	0	0	0		
14		9893	514	513	00	00	74	0	02	0	2	2	5	5	5	5	0	0	0	0	0	0	0		
17		9897	515	512	24	01	74	0	02	0	2	2	5	5	5	5	0	0	0	0	0	0	0		
20		9898	515	511	21	02	74	0	02	0	2	2	5	5	5	5	0	0	0	0	0	0	0		
23		9896	515	510	03	02	74	0	02	0	2	2	5	5	5	5	0	0	0	0	0	0	0		
26	02	9890	515	510	23	04	65	0	02	0	2	2	5	5	5	5	0	0	0	0	0	0	0		

Results of Surface Observations,
DAVIS SEPT., 1962

LOCAL STANDARD TIME	DAY	STATION LEVEL PRESSURE mb $\times 10^{-1}$	TEMPERATURES			SURFACE WIND			VISIBILITY VV	CLOUD AMOUNT Oktas	PRESENT WEATHER ww	PAST WEATHER w	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			EXTREME TEMPERATURES ANEMOMETER WIND RUN Points			
			DRY BULB °F	WET BULB °F	DEWPNT °x 10	DIRECTION kt	SPEED m/s						C _L	Type	Amount	Base	D _L	D _M	D _H	Direction kt	Speed m/s	
			mb $\times 10^{-1}$	°F	°F	°x 10	kt	m/s								m/s	m/s	m/s	St. miles	Points	Maximum °F	Minimum °F
28	02	9812	510						VV	Oktas	ww	w	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			EXTREME TEMPERATURES ANEMOMETER WIND RUN Points	056		
	05	9830	511										0	02	0	0	0	0	0	0		
	08	9858	511										0	02	0	0	0	0	0	0		
	11	9876	503										0	03	1	0	0	0	0	0		
	14	9888	501										0	02	0	0	0	0	0	0		
	17	9899	504										0	02	0	0	0	0	0	0		
	20	9902	505										0	02	0	0	0	0	0	0		
29	02	9875	502						VV	Oktas	ww	w	0	0	0	0	0	0	0	060	12	506
	05	9856	01										0	02	0	0	0	0	0	0		
	08	9837	05										0	01	74	0	0	0	0	0		
	11	9821	11										0	02	0	0	0	0	0	0		
	14	9801	12										0	02	0	0	0	0	0	0		
	17	9783	10										0	02	0	0	0	0	0	0		
	20	9767	11										0	02	0	0	0	0	0	0		
30	02	9743	10						VV	Oktas	ww	w	0	0	0	0	0	0	0	078	12	08
	05	9740	10										0	01	74	0	0	0	0	0		
	08	9745	10										0	01	74	0	0	0	0	0		
	11	9767	12										0	01	74	0	0	0	0	0		
	14	9795	10										0	02	0	0	0	0	0	0		
	17	9830	11										0	02	0	0	0	0	0	0		
	20	9863	11										0	02	0	0	0	0	0	0		
	23	9897	11										0	02	0	0	0	0	0	0		

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER			LOW CLOUD		DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		EXTREME TEMPERATURES							
DAY	HOUR		DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION °x 10	KT	VV	OW	WW	W	OW	C _L	h	C _M	C _H	D _L	D _M	D _H	°x 10	KT	St.miles	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM °F	MINIMUM °F	
		mb x 10 ⁻³																									
01	02	9937	11		07	06	03	55	8	71	7	7	8	6													
	05	9960	10	04	01	01	01	55	8	02	7	7	8	5													
	08	9984	11	03	00	00	00	55	7	01	7	7	7	7													
	11	9995	13	04	00	00	00	54	7	02	7	7	7	7													
	14	10000	14	07	04	02	53	7	02	7	7	7	7														
	17	9994	10	05	04	02	58	7	02	7	7	7	7														
	20	9974	11	02	05	10	59	7	02	7	7	7	7														
	23	9948	11	04	04	14	48	58	58	58	58	58	58														
02	02	9884	12	05	05	17	52	58	58	58	58	58	58														
	05	9838	12	10	06	21	16	38	38	38	38	38	38														
	08	9781	13	11	07	22	15	38	38	38	38	38	38														
	11	9728	15	12	06	27	15	38	38	38	38	38	38														
	14	9698	16	13	06	23	48	38	38	38	38	38	38														
	17	9677	15	11	05	18	32	38	38	38	38	38	38														
	20	9543	15	12	05	26	58	02	58	58	58	58	58														
	23	9616	15	12	05	20	58	38	38	38	38	38	38														
03	02	9551	12	09	05	30	00		39	39	39	39	39														
	05	9596	12	09	05	45	00		39	39	39	39	39														
	08	9654	12	09	05	38	01		39	39	39	39	39														
	11	9697	11	08	05	26	01		39	39	39	39	39														
	14	9736	11	08	05	28	01		39	39	39	39	39														
	17	9760	13	11	05	24	32	8	02	2	2	2	2														
	20	9781	12	09	05	19	32	8	02	2	2	2	2														
	23	9795	12	09	05	14	32	8	02	2	2	2	2														
04	02	9792	11	06	05	22	58	8	02	2	2	2	2														
	05	9775	12	08	05	24	48	8	02	2	2	2	2														
	08	9740	13	09	04	05	48	8	02	2	2	2	2														
	11	9690	17	09	05	32	48	8	02	2	2	2	2														
	14	9676	19	09	07	12	53	8	02	2	2	2	2														
	17	9638	19	08	07	27	58	8	02	2	2	2	2														
	20	9627	19	10	08	22	58	8	02	2	2	2	2														
	23	9635	20	08	07	20	58	8	02	2	2	2	2														
05	02	9652	20	08	05	20	58	8	02	2	2	2	2														
	05	9676	19	09	05	12	48	8	71	7	7	7	7														
	08	9700	18	09	05	10	32	8	71	7	7	7	7														
	11	9723	16	11	00	00	00	15	8	71	7	7	7														
	14	9735	16	12	08	03	32	8	71	7	7	7	7														
	17	9745	14	10	05	36	08	32	8	70	7	7	7														
	20	9747	12	10	00	00	32	8	71	7	7	7	7														
	23	9750	11	08	00	00	32	8	71	7	7	7	7														
06	02	9752	10	03	05	05	55	6	71	7	7	7	7														
	05	9762	10	00	07	09	55	6	01	71	7	7	7														
	08	9769	11	00	06	07	55	7	03	7	7	7	7														
	11	9777	14	04	00	07	50	7	02	7	7	7	7														
	14	9782	14	02	00	00	50	7	01	4	01	1	1														
	17	9791	11	01	00	00	54	7	01	1	01	1	1														
	20	9795	07	05	05	07	54	7	01	1	01	1	1														
	23	9791	03	08	06	34	54	7	02	1	02	1	1														
07	02	9777	02	509	00	00	34	0	02	2	2	2	2														
	05	9757	01	510	13	02	34	1	02	2	2	2	2														
	08	9723	05	507	14	02	34	1	02	2	2	2	2														
	11	9691	12	502	03	06	34	6	03	2	2	2	2														
	14	9676	13	501	03	15	84	6	02	2	2	2	2														
	17	9669	09	502	00	00	65	7	03	2	2	2	2														
	20	9663	09	503	03	05	84	5	01	1	01	1	1														
	23	9654	11	02	06	16	74	8	36	3	8	8	8														
08	02	9649	15	06	05	19	66	8	36	3	8	8	8														
	05	9654	15	05	06	18	66	8	36	3	8	8	8														
	08	9643	16	12	06	42	16	8	39	3	8	8	8														
	11	9658	18	08	06	23	58	7	01	3	1	1	1														
	14	9661	19	07	06	25	58	7	02	2	1	1	1														
	17	9665	21	07	06	30	66	6	02	2	1	1	1														
	20	9685	19	07	03	03	66	8	03	2	2	2	2														
	23	9689	18	05	05	02	66	8	02	2	2	2	2				</td										

Results of Surface Observations,
DAVIS OCT., 1962

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES				SURFACE WIND		LOW CLOUD				DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		EXTREME TEMPERATURES										
			DRY BULB		WET BULB		DEW POINT		DIRECTION	SPEED	VV	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	FAST WEATHER	LOW CLOUD TYPE	BASE	MIDDLE CLOUD	HIGH CLOUD	LOW DIRECTION	MIDDLE DIRECTION	HIGH DIRECTION	kt	°x 10	St. Miles	Points	MAXIMUM	MINIMUM
DAY	HOUR		mb x 10 ⁻¹	°F	°F	°F	% x 10	kt	Vktas	Ww	%	Oktas	C _L	h	C _M	C _H	D _L	D _M	D _H	°x 10	kt	Speed	Wind Run	Precipitation				
10	02	9657	14				501	0.0	0.0	84	2	01	1	1	1	1	1	1	1	1	1	1	1	1	1	217	20	10
	05	9663	11				503	0.0	0.0	84	1	01	1	1	1	1	1	1	1	1	1	1	1	1	1			
	08	9668	16				501	0.3	0.2	84	2	01	1	1	1	1	1	1	1	1	1	1	1	1	1			
	11	9670	17				506	0.3	0.3	84	2	02	1	1	1	1	1	1	1	1	1	1	1	1	1			
	14	9675	20				509	0.3	0.2	84	1	01	1	1	1	1	1	1	1	1	1	1	1	1	1			
	17	9687	19				100	0.3	0.3	84	2	03	1	1	1	1	1	1	1	1	1	1	1	1	1			
	20	9691	14				509	0.0	0.0	84	4	05	1	1	1	1	1	1	1	1	1	1	1	1	1			
11	23	9690	13				507	0.7	0.5	84	4	05	1	1	1	1	1	1	1	1	1	1	1	1	1			
	02	9684	10				501	0.9	0.9	84	5	03	1	1	1	1	1	1	1	1	1	1	1	1	1			
	05	9680	13				503	0.0	0.0	84	8	03	1	1	1	1	1	1	1	1	1	1	1	1	1			
	08	9679	14				507	0.9	0.9	84	5	03	1	1	1	1	1	1	1	1	1	1	1	1	1			
	11	9679	16				100	0.4	100	74	7	02	1	1	1	1	1	1	1	1	1	1	1	1	1			
	14	9677	18				111	0.9	130	80	7	02	1	1	1	1	1	1	1	1	1	1	1	1	1			
	17	9681	15				509	0.6	0.7	80	8	02	1	1	1	1	1	1	1	1	1	1	1	1	1			
12	20	9699	11				507	0.5	100	80	8	02	1	1	1	1	1	1	1	1	1	1	1	1	1			
	23	9714	12				507	0.8	0.2	80	8	02	1	1	1	1	1	1	1	1	1	1	1	1	1			
	02	9730	12				507	0.0	0.0	80	7	01	1	1	1	1	1	1	1	1	1	1	1	1	1			
	05	9741	09				502	0.9	0.2	84	5	01	1	1	1	1	1	1	1	1	1	1	1	1	1			
	08	9759	12				504	0.0	0.0	84	5	02	1	1	1	1	1	1	1	1	1	1	1	1	1			
	11	9769	17				508	21	0.7	84	5	02	1	1	1	1	1	1	1	1	1	1	1	1	1			
	14	9783	22				509	0.1	0.3	84	3	02	1	1	1	1	1	1	1	1	1	1	1	1	1			
13	17	9798	19				507	27	0.1	84	6	03	1	1	1	1	1	1	1	1	1	1	1	1	1			
	20	9816	19				507	0.0	0.0	84	7	03	1	1	1	1	1	1	1	1	1	1	1	1	1			
	23	9826	18				509	0.9	0.3	80	8	02	1	1	1	1	1	1	1	1	1	1	1	1	1			
	02	9836	15				506	0.9	0.3	80	7	01	1	1	1	1	1	1	1	1	1	1	1	1	1			
	05	9851	13				503	15	0.7	84	7	02	1	1	1	1	1	1	1	1	1	1	1	1	1			
	08	9858	15				504	15	0.4	84	7	02	1	1	1	1	1	1	1	1	1	1	1	1	1			
	11	9856	17				507	36	0.3	74	7	03	1	1	1	1	1	1	1	1	1	1	1	1	1			
14	14	9864	15				502	0.1	0.4	84	3	02	1	1	1	1	1	1	1	1	1	1	1	1	1			
	17	9871	14				501	36	0.6	80	7	02	1	1	1	1	1	1	1	1	1	1	1	1	1			
	20	9877	10				500	0.0	0.0	80	5	01	1	1	1	1	1	1	1	1	1	1	1	1	1			
	23	9882	06				505	0.0	0.0	80	0	01	1	1	1	1	1	1	1	1	1	1	1	1	1			
	02	9896	03				507	0.9	0.2	80	1	02	1	1	1	1	1	1	1	1	1	1	1	1	1			
	05	9904	02				508	11	0.4	84	1	02	1	1	1	1	1	1	1	1	1	1	1	1	1			
	08	9906	10				503	0.0	0.0	84	0	02	1	1	1	1	1	1	1	1	1	1	1	1	1			
15	11	9913	11				503	0.0	0.0	84	0	02	1	1	1	1	1	1	1	1	1	1	1	1	1			
	14	9921	11				503	0.3	27	0.5	84	0	02	1	1	1	1	1	1	1	1	1	1	1	1			
	17	9929	10				501	27	0.3	84	1	02	1	1	1	1	1	1	1	1	1	1	1	1	1			
	20	9926	07				502	0.0	0.0	84	1	02	1	1	1	1	1	1	1	1	1	1	1	1	1			
	23	9924	05				505	0.9	0.6	84	1	02	1	1	1	1	1	1	1	1	1	1	1	1	1			
	02	9912	03				509	12	0.6	84	1	02	1	1	1	1	1	1	1	1	1	1	1	1	1			
	05	9891	01				510	11	0.3	84	5	03	1	1	1	1	1	1	1	1	1	1	1	1	1			
16	08	9856	08				507	10	0.2	84	8	03	1	1	1	1	1	1	1	1	1	1	1	1	1			
	11	9818	09				503	0.3	13	20	8	02	1	1	1	1	1	1	1	1	1	1	1	1	1			
	14	9791	10				501	0.1	0.2	11	54	8	05	1	1	1	1	1	1	1	1	1	1	1	1			
	17	9770	09				501	24	0.8	74	8	05	1	1	1	1	1	1	1	1	1	1	1	1	1			
	20	9755	08				502	0.0	0.0	74	8	05	1	1	1	1	1	1	1	1	1	1	1	1	1			
	23	9749	06				508	0.0	0.0	84	3	01	1	1	1	1	1	1	1	1	1	1	1	1	1			
	02	9753	06				508	15	0.2	80	0	01	1	1	1	1	1	1	1	1	1	1	1	1	1			
17	05	9759	05				509	14	0.3	84	0	02	1	1	1	1	1	1	1	1	1	1	1	1	1			
	08	9773	07				508	0.0	0.0	84	0	02	1	1	1	1	1	1	1	1	1	1	1	1	1			
	11	9868	09				509	0.4	12	74	8	02	1	1	1	1	1	1	1	1	1	1	1	1	1			
	14	9843	09				506	0.3	15	80	8	02	1	1	1	1</td												

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LOCAL STANDARD TIME		TEMPERATURES				SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER		LOW CLOUD		MIDDLE CLOUD		HIGH CLOUD		DIRECTION OF CLOUD MOVEMENT		MAXIMUM WIND GUST		ANEMOMETER WIND RUN		PRECIPITATION		EXTREME TEMPERATURES			
		DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT			DIRECTION	SPEED mb x 10 ⁻¹	VV	Oktas	WW	W	Oktas	C _L	h	C _M	C _H	D _L	D _M	D _H	*x10	kt	St.miles	Points	MAXIMUM °F	MINIMUM °F
28	02	9822	17		515	03	05	48	8	71	7	7	0	5	5	5	5	5	5	5	5	5	5	5	5	184			
	05	9824	17		511	03	09	48	8	71	7	7	0	2	7	8	5	5	4	5	5	5	5	5	5				
	08	9834	19		10	04	15	58	8	02	7	7	0	2	7	8	5	5	4	4	5	5	5	5	5				
	11	9836	18		10	03	15	48	8	71	7	7	0	2	7	8	5	5	4	4	5	5	5	5	5				
	14	9829	18		10	01	08	48	8	71	7	7	0	2	7	8	5	5	4	4	5	5	5	5	5				
	17	9832	16		12	00	00	48	8	71	7	7	0	2	7	8	5	5	4	4	5	5	5	5	5				
	20	9828	15		14	00	00	48	7	71	7	7	0	2	7	7	5	5	4	4	5	5	5	5	5				
	23	9822	15		08	11	06	48	7	02	7	7	0	2	7	7	5	5	4	4	5	5	5	5	5				
29	02	9821	17		08	12	02	48	8	02	2	8	6	4	5	5	5	5	5	5	5	5	5	5	5	166			
	05	9821	18		09	04	05	58	8	02	2	8	6	5	5	5	5	5	5	5	5	5	5	5	5				
	08	9807	21		11	03	04	65	8	02	2	8	6	6	6	6	6	6	6	6	6	6	6	6	6				
	11	9787	24		14	05	18	65	8	36	3	8	6	6	6	6	6	6	6	6	6	6	6	6	6				
	14	9764	26		13	05	16	55	8	14	3	8	6	6	6	6	6	6	6	6	6	6	6	6	6				
	17	9728	25		14	05	10	55	8	14	3	7	6	5	5	5	5	5	5	5	5	5	5	5	5				
	20	9721	24		20	04	12	53	8	14	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6				
	23	9704	25		17	05	22	48	9	36	3	5	6	6	6	6	6	6	6	6	6	6	6	6	6				
30	02	9659	25		22	05	32	48	8	58	3	6	6	1	1	1	1	1	1	1	1	1	1	1	1	528			
	05	9654	24		20	05	30	48	8	58	3	2	7	5	2	2	2	2	2	2	2	2	2	2	2				
	08	9700	25		22	05	28	58	7	36	3	1	7	5	2	2	2	2	2	2	2	2	2	2	2				
	11	9659	27		18	06	45	48	8	36	3	1	7	5	9	2	2	2	2	2	2	2	2	2	2				
	14	9729	26		22	05	35	58	8	02	3	6	5	5	0	0	2	2	2	2	2	2	2	2	2				
	17	9755	23		21	03	30	58	6	70	3	3	5	4	9	9	9	9	9	9	9	9	9	9	9				
	20	9771	21		17	03	20	66	8	02	7	3	5	5	0	0	6	6	6	6	6	6	6	6	6				
	23	9787	20		17	04	17	66	8	03	2	7	6	5	0	0	6	6	6	6	6	6	6	6	6				
31	02	9780	20		16	04	14	66	7	01	1	1	7	4	2	2	2	2	2	2	2	2	2	2	2	501			
	05	9799	20		14	05	15	65	7	03	1	5	5	5	2	2	2	2	2	2	2	2	2	2	2				
	08	9794	23		16	03	16	58	6	01	1	4	0	8	2	2	2	2	2	2	2	2	2	2	2				
	11	9786	25		16	03	22	58	8	03	1	1	1	5	5	5	5	5	5	5	5	5	5	5	5				
	14	9782	27		18	03	20	65	7	01	1	1	5	5	5	5	5	5	5	5	5	5	5	5	5				
	17	9775	26		14	01	12	74	8	02	2	1	1	5	5	5	5	5	5	5	5	5	5	5	5				
	20	9770	23		10	00	00	80	9	01	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0				
	23	9752	18		06	00	00	80	1	01	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0				

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LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE mb x 10 ⁻¹	TEMPERATURES			SURFACE WIND		PRESENT WEATHER	LOW CLOUD AMOUNT	HIGH CLOUD TYPE	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN St.miles	PRECIPITATION Points	EXTREME TEMPERATURES			
				DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION °x 10	SPEED kt				LOW CLOUD TYPE	HIGH CLOUD TYPE	LOW D _L	MIDDLE D _M	HIGH D _H	DIRECTION °x 10	SPEED kt	MAXIMUM TEMPERATURE °F	MINIMUM TEMPERATURE °F		
												C _L	C _H	D _L	D _M	D _H						
10	02	9766	21		08	07	13	55	8	14											435	25 20
	05	9768	20		08	06	16	55	8	15	2	2	2	2	2	2	2	2	2			
	08	9774	22		10	06	26	65	8	15	2	2	2	2	2	2	2	2	2			
	11	9776	23		12	04	28	55	8	15	2	2	2	2	2	2	2	2	2			
	14	9783	25		17	04	26	55	8	15	2	2	2	2	2	2	2	2	2			
	17	9791	24		15	05	25	55	8	15	2	2	2	2	2	2	2	2	2			
	20	9805	22		12	04	24	55	8	02	2	2	2	2	2	2	2	2	2			
	23	9807	22		11	04	20	55	8	02	2	2	2	2	2	2	2	2	2			
11	02	9808	20		07	06	11	55	8	02	2	2	2	2	2	2	2	2	2		471	25 16
	05	9800	20		07	08	08	65	8	02	2	2	2	2	2	2	2	2	2			
	08	9788	22		08	06	12	55	8	03	2	2	2	2	2	2	2	2	2			
	11	9769	23		09	06	05	55	8	03	2	2	2	2	2	2	2	2	2			
	14	9753	23		12	00	00	55	8	70	2	2	2	2	2	2	2	2	2			
	17	9727	23		14	23	07	65	8	70	2	2	2	2	2	2	2	2	2			
	20	9699	21		13	24	10	80	6	01	7	2	2	2	2	2	2	2	2			
	23	9680	17		10	21	01	84	3	01	1	3	0	8	1	0	0	0	0			
12	02	9686	14		06	04	07	84	6	03	1	0	0	0	0	0	0	0	0		242	26 14
	05	9702	16		08	04	08	74	8	03	2	2	2	2	2	2	2	2	2			
	08	9721	21		11	04	23	55	8	03	2	2	2	2	2	2	2	2	2			
	11	9741	25		14	03	25	74	8	02	2	1	0	0	0	0	0	0	0			
	14	9773	25		18	03	22	74	8	02	1	1	7	5	1	0	0	0	0			
	17	9796	22		17	03	18	55	8	02	2	2	2	2	2	2	2	2	2			
	20	9819	21		17	02	13	55	8	02	2	2	2	2	2	2	2	2	2			
	23	9844	21		18	05	05	65	8	02	2	2	2	2	2	2	2	2	2			
13	02	9874	20		14	04	07	65	5	01	1	5	5	5	5	0	0	0	0		308	25 16
	05	9896	20		11	05	07	74	7	01	1	3	5	5	5	0	0	0	0			
	08	9909	22		14	01	07	74	7	03	2	7	5	5	5	0	0	0	0			
	11	9923	24		15	01	05	80	8	02	2	4	5	5	5	0	0	0	0			
	14	9950	24		16	03	22	80	8	02	2	3	5	5	5	0	0	0	0			
	17	9950	25		19	24	10	80	6	02	1	3	5	5	5	0	0	0	0			
	20	9929	24		17	23	11	80	4	02	1	3	5	5	5	0	0	0	0			
	23	9928	17		09	18	07	80	0	01	1	0	0	0	0	0	0	0	0			
14	02	9926	13		02	17	05	80	0	02	0	0	0	0	0	0	0	0	0		211	28 16
	05	9919	13		01	16	14	80	0	02	0	0	0	0	0	0	0	0	0			
	08	9900	19		07	22	10	82	0	02	0	0	0	0	0	0	0	0	0			
	11	9883	19		16	28	07	82	0	02	0	0	0	0	0	0	0	0	0			
	14	9864	20		15	26	08	82	0	02	0	0	0	0	0	0	0	0	0			
	17	9840	23		16	26	09	82	1	02	0	0	0	0	0	0	0	0	0			
	20	9808	26		05	14	10	82	1	02	0	0	0	0	0	0	0	0	0			
	23	9799	18		08	04	14	82	1	02	0	0	0	0	0	0	0	0	0			
15	02	9795	17		10	05	13	82	3	03	1	3	5	5	5	0	0	0	0		273	25 16
	05	9795	20		08	04	15	82	6	03	1	5	5	5	5	0	0	0	0			
	08	9795	20		05	04	25	82	2	03	1	2	5	5	5	0	0	0	0			
	11	9807	23		10	05	23	82	5	02	1	5	5	5	5	0	0	0	0			
	14	9814	24		12	04	25	82	3	02	1	2	5	5	5	0	0	0	0			
	17	9822	24		17	03	17	80	4	02	1	2	5	5	5	0	0	0	0			
	20	9826	25		13	05	18	80	7	02	2	7	5	5	5	0	0	0	0			
	23	9834	25		14	05	26	80	8	02	2	7	5	5	5	0	0	0	0			
16	02	9848	25		13	05	26	80	8	02	2	8	5	5	5	0	0	0	0		551	30 19
	05	9854	25		11	05	23	82	8	02	2	8	5	5	5	0	0	0	0			
	08	9865	27		12	06	16	85	8	14	2	8	5	5	5	0	0	0	0			
	11	9876	30		14	04	18	85	8	14	2	8	5	5	5	0	0	0	0			
	14	9887	30		13	04	15	85	6	02	2	8	5	5	5	0	0	0	0			
	17	9888	27		16	02	09	84	0	02	2	8	5	5	5	0	0	0	0			
	20	9888	23		17	00	00	85	6	01	2	6	5	5	5	0	0	0	0			
	23	9880	22		11	05	01	84	6	02	2	6	5	5	5	0	0	0	0			
17	02	9874	15		04	13	05	84	6	03	1	0	0	0	0	0	0	0	0		193	26 14
	05	9863	19		06	13	05	84	2	01	1	2	5	5	5	0	0	0	0			
	08	9849	22		13	25	03	84	0	02	2	0	0	0	0	0	0	0	0			
	11	9841	24		09	36	02	84	0	02	2	0	0	0	0	0	0	0	0			
	14	9828	25		13	26	09	84	0													

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE $\text{mb} \times 10^{-1}$	TEMPERATURES			SURFACE WIND		CLOUD AMOUNT VV	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN St.miles	PRECIPITATION Points	EXTREME TEMPERATURES		
DAY	HOUR		DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION ° × 10	SPEED kt				AMOUNT Oktae	C _L	TYPE h	BASE C _M	DIRECTION D _L	LOW D _M	MIDDLE D _H	HIGH D _H	Direction × 10	Speed kt	MAXIMUM °F	MINIMUM °F	
19	02	9851	26			18	06	12	66	8	85	3	8	5	5	5	5	5	5	5	298	30	19
	05	9855	26			15	06	15	66	8	02	2	1	7	5	5	5	5	5	5			
	08	9867	29			16	04	20	66	8	02	2	2	8	5	5	5	5	5	5			
	11	9873	30			17	05	22	66	8	15	2	2	8	5	5	5	5	5	5			
	14	9875	29			18	03	15	66	8	14	2	2	7	5	5	5	5	5	5			
	17	9870	28			18	01	09	66	8	14	2	2	6	5	5	5	5	5	5			
	20	9857	27			20	00	00	80	4	01	1	3	6	5	5	5	5	5	5			
20	02	9845	23			18	19	02	80	1	01	1	0	0	9	9	0	0	0	0	233	27	17
	05	9832	18			09	17	04	84	4	1	02	0	0	0	0	9	9	0	0			
	08	9825	21			08	05	06	84	4	1	01	0	1	0	0	9	9	1	1			
	11	9819	23			08	03	12	80	5	03	1	3	5	5	5	5	5	5	0			
	14	9818	24			09	01	12	80	2	02	1	3	5	5	5	5	5	5	0			
	17	9815	25			10	36	08	80	2	02	1	2	2	5	5	5	5	5	5			
	20	9822	24			12	01	10	80	5	03	1	5	2	0	0	0	0	0	0			
21	02	9845	21			11	04	05	80	4	02	0	4	5	6	6	6	6	6	0	225	26	22
	05	9860	22			11	05	16	74	7	03	1	2	5	5	5	5	5	5	0			
	08	9864	23			16	03	14	80	7	03	2	2	7	5	5	5	5	5	0			
	11	9876	25			17	02	20	58	6	85	2	5	5	5	5	5	5	5	0			
	14	9888	25			20	02	18	58	6	85	0	5	5	5	5	5	5	5	0			
	17	9901	25			20	02	14	58	6	71	7	2	7	4	7	4	4	4	0			
	20	9906	24			20	02	10	58	6	71	7	2	7	4	7	4	4	4	0			
22	02	9913	23			17	00	00	56	5	02	7	2	5	5	5	5	5	5	0	253	27	22
	05	9925	23			15	00	00	66	7	02	2	7	5	5	5	5	5	5	0			
	08	9930	25			13	04	04	56	8	02	2	8	5	5	5	5	5	5	0			
	11	9937	25			15	03	12	56	8	02	2	7	5	5	5	5	5	5	0			
	14	9940	27			18	56	11	80	5	01	2	2	2	7	7	7	7	7	0			
	17	9945	27			18	56	06	80	5	03	1	4	4	4	4	4	4	4	0			
	20	9950	25			18	56	08	80	6	03	1	6	5	5	5	5	5	5	0			
23	02	9956	21			17	00	00	80	2	01	1	2	5	5	5	5	5	5	0	142	26	21
	05	9961	23			15	00	00	80	1	01	0	1	0	0	0	0	0	0	0			
	08	9959	24			12	14	04	84	0	01	0	0	0	0	0	0	0	0	0			
	11	9960	25			16	00	00	82	1	03	0	1	0	0	0	0	0	0	0			
	14	9958	25			14	01	09	82	1	03	0	1	0	0	0	0	0	0	0			
	17	9958	25			17	36	09	82	1	03	0	1	0	0	0	0	0	0	0			
	20	9953	24			17	00	00	82	1	03	0	1	0	0	0	0	0	0	0			
24	02	9940	20			17	31	04	82	1	03	0	1	0	0	0	0	0	0	0	148	24	18
	05	9935	19			07	16	08	82	7	03	1	7	5	5	5	5	5	5	0			
	08	9927	22			12	36	06	82	7	02	2	2	5	5	5	5	5	5	0			
	11	9915	23			13	01	10	74	7	02	2	2	7	5	5	5	5	5	0			
	14	9905	24			18	27	08	74	7	02	2	2	6	5	5	5	5	5	0			
	17	9901	23			15	27	08	80	6	02	2	2	6	5	5	5	5	5	0			
	20	9897	24			14	24	06	80	1	01	1	1	1	0	0	0	0	0	0			
25	02	9913	16			10	09	01	80	1	02	0	1	0	5	5	5	5	5	5	175	23	16
	05	9921	18			06	02	07	80	4	03	1	4	5	5	5	5	5	5	0			
	08	9925	20			05	02	12	80	1	02	1	1	0	0	0	0	0	0	0			
	11	9930	20			05	36	06	84	0	02	0	0	0	0	0	0	0	0	0			
	14	9931	22			08	29	06	84	0	02	0	0	0	0	0	0	0	0	0			
	17	9932	23			10	26	10	84	0	02	0	0	0	0	0	0	0	0	0			
	20	9927	22			13	24	11	84	0	02	0	0	0	0	0	0	0	0	0			
26	02	9932	15			12	22	08	84	0	02	0	0	0	0	0	0	0	0	0	191	23	14
	05	9931	17			09	00	00	84	1	02	0	1	5	5	5	5	5	5	0			
	08	9936	19			09	01	08	82	1	02	0	1	5	5	5	5	5	5	0			
	11	9939	22			13	32	07	82	2	02	1	1	5	5	5	5	5	5	0			
	14	9944	22			14	26	14	82	2	02	1	1	5	5	5	5	5	5	0			
	17	9953	21			14	26	16	82	1	02	0	1	5	5	5	5	5	5	0			
	20	9959	20			12	26	14	82	1	02	0	1	5	5	5	5	5	5	0			
27	02	9949	16			10	26	07	82	1	02	0	1	5	5	5	5	5	5	0	208	21	

Results of Surface Observations,
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LOCAL STANDARD TIME		TEMPERATURES				SURFACE WIND		VISIBILITY		PRESENT WEATHER		LOW CLOUD		DIRECTION OF CLOUD MOVEMENT		MAXIMUM WIND GUST		EXTREME TEMPERATURES					
		STATION LEVEL PRESSURE	mb $\times 10^{-1}$	DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION $^{\circ} \times 10$	SPEED kt	VV Oktas	Oktas	WW	W	Oktas	C _L	Type	D _L	D _M	D _H	° $\times 10$	kt	SL miles	Points	MAXIMUM °F
28	02	10003	15			13	00	00	74	1	01												
	05	10012	17			22	00	00	84	0	01												
	08	10019	19			11	27	06	84	1													
	11	10023	21			12	32	05	84	1													
	14	10030	18			15	27	12	84	3	03												
	17	10028	22			12	24	14	84	5	03												
	20	10028	19			12	26	13	84	7	26												
	23	10032	19			08	20	10	84	5	01												
29	02	10017	12			01	16	04	84	0	01												
	05	10014	16			03	00	00	84	0	02												
	08	9991	17			06	27	05	82	1	02												
	11	9985	22			12	32	11	82	2	02												
	14	9977	24			15	27	05	82	1	02												
	17	9962	25			13	26	14	82	3	03												
	20	9946	27			14	36	01	82	1	01												
	23	9935	21			04	15	08	82	1	02												
30	02	9924	15			501	13	13	82	1	03												
	05	9904	17			02	13	07	82	1	03												
	08	9892	24			01	08	05	84	1	03												
	11	9880	29			11	03	28	84	1	03												
	14	9876	29			17	03	22	80	1	03												
	17	9865	29			14	03	15	84	1	03												
	20	9849	27			17	03	13	74	8	04												
	23	9837	25			15	04	20	74	8	04												

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LOCAL STANDARD TIME		STATION LEVEL PRESSURE				TEMPERATURES			SURFACE WIND			VISIBILITY			CLOUD AMOUNT			PRESENT WEATHER			LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			EXTREME TEMPERATURES		
						DRY BULB mb x 10 ⁻¹	WET BULB °F	DEW POINT °F	DIRECTION °x 10	KT	SPEED ft/sec				Dists.	W	W	Dists.	C _L	h	C _M	C _H	D _L	D _M	D _H	LOW	MIDDLE	HIGH	DIRECTION °x 10	KT	SMILES	POINT	MAXIMUM °F	MINIMUM °F
01	02	9822	25			13	05	25	74	8	02	03	2	R	6	5																
	05	9799	25			14	04	22	74	8	02	02	2	R	7	5	5															
	06	9756	28			18	05	28	74	8	02	02	2	R	6	5	5															
	11	9743	27			23	05	45	16	8	02	02	2	R	5	4																
	14	9761	30			24	04	34	32	8	02	02	2	R	6	4																
	17	9778	28			21	05	32	66	8	02	02	2	R	5	5	5															
	20	9786	28			21	04	33	63	8	02	02	2	R	5	5	5															
	23	9792	26			21	04	34	32	8	02	02	2	R	5	4																
	02	9803	26			21	04	30	58	8	02	02	2	R	6	4																
	05	9805	27			19	04	32	66	7	01	02	2	R	7	2	2															
02	08	9806	28			18	04	35	74	8	02	02	2	R	6	5	5															
	11	9815	29			19	04	27	74	8	03	02	2	R	6	5	5															
	14	9823	28			20	04	23	66	8	02	02	2	R	6	5	5															
	17	9822	28			19	04	12	66	8	02	02	2	R	6	5	5															
	20	9819	27			18	05	12	66	8	02	02	2	R	6	5	5															
	23	9822	26			17	05	10	66	8	02	02	2	R	6	5	5															
	02	9830	25			13	04	16	66	8	02	02	2	R	6	5	5															
	05	9834	26			11	05	19	74	7	01	02	2	R	7	2	2															
	08	9837	29			12	05	25	80	4	01	02	2	R	7	2	2															
	11	9845	31			13	03	23	64	7	03	02	2	R	6	5	5															
03	14	9842	29			18	02	14	84	7	02	02	2	R	6	5	5															
	17	9832	28			19	03	08	84	7	02	02	2	R	6	5	5															
	20	9827	27			21	00	00	84	6	02	02	2	R	6	5	5															
	23	9827	28			14	05	08	84	5	02	02	2	R	6	5	5															
	02	9821	25			10	06	11	84	3	01	01	1	R	6	5	5															
	05	9817	26			11	07	84	7	01	01	1	R	6	5	5																
	08	9805	27			14	07	06	84	4	01	01	1	R	6	5	5															
	11	9791	33			15	02	12	84	1	01	01	1	R	6	5	5															
	14	9767	30			19	31	13	84	0	01	01	1	R	6	5	5															
	17	9765	32			17	36	03	84	0	02	02	1	R	6	5	5															
04	20	9745	31			19	25	10	84	0	02	02	1	R	6	5	5															
	23	9747	29			12	08	09	84	0	02	02	1	R	6	5	5															
	02	9747	26			09	08	09	84	0	02	02	0	R	6	5	5															
	05	9748	30			12	12	07	84	4	03	01	1	R	6	5	5															
	08	9742	36			15	07	15	84	3	02	01	1	R	6	5	5															
	11	9740	40			15	06	17	82	4	03	01	1	R	6	5	5															
	14	9742	40			21	07	21	82	7	14	02	2	R	6	5	5															
	17	9752	37			23	04	15	82	6	01	01	2	R	6	5	5															
	20	9771	37			26	03	07	82	6	02	02	2	R	6	5	5															
	23	9784	37			22	06	12	82	8	02	02	2	R	6	5	5															
06	02	9797	34			17	09	08	84	6	01	02	2	R	6	5	5															
	05	9809	33			15	09	10	84	1	01	02	2	R	6	5	5															
	08	9809	37			16	11	07	84	0	01	02	2	R	6	5	5															
	11	9814	36			18	01	08	84	0	02	02	2	R	6	5	5															
	14	9813	44			21	05	15	84	5	03	01	1	R	6	5	5															
	17	9822	38			25	01	06	84	7	02	02	2	R	6	5	5															
	20	9827	37			24	00	00	84	1	02	02	1	R	6	5	5															
	23	9842	35			17	06	12	84	3	03	02	0	R	6	5	5															
	02	9847	31			13	10	10	84	0	02	02	0	R	6	5	5															
	05	9850	29			11	12	10	84	0	02	02	0	R	6	5	5															
07	08	9849	30			11	36	06	84	1	02	02	1	R	6	5	5															
	11	9846	31			16	00	00	84	1	02	02	0	R	6	5	5															
	14	9843	31			20	30	06	84	1	02	02	0	R	6	5	5															
	17	9846	32			23	30	03	84	0	02	02	0	R	6	5	5															
	20	9849	31			21	00	00	84	0	02	02	0	R	6	5	5															
	23	9866	30			19	05	08	84	1	03	02	0	R	6	5	5															
	02	9888	30			21	03	08	80	7	03	1	7	R	6	5	5															
	05	9907																														

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		DIRECTION OF CLOUD MOVEMENT		MAXIMUM WIND GUST		ANEMOMETER WIND RUN		EXTREME TEMPERATURES		
DAY	HOUR			DRY BULB mb x 10 ⁻¹	WET BULB °F	DEW POINT °F	DIRECTION ° x 10	SPEED kt	VV	Oktas	WW	oktas	AMOUNT	TYPE	BASE	MIDDLE	CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED ° x 10	St. miles	Points	MAXIMUM °F	MINIMUM °F
10	02	9862	25			17	04	09	R 4	1	0	0	1	5	5	5	5	1	1	1	1	1	1	210	30	24
	05	9852	26			16	01	11	R 2	0	0	0	0	5	5	5	5	0	0	0	0	0	0			
	08	9849	28			15	04	14	R 0	0	0	0	0	5	5	5	5	0	0	0	0	0	0			
	11	9845	27			12	03	23	R 5	7	0	1	1	4	5	5	5	0	0	0	0	0	0			
	14	9837	29			18	03	19	R 0	5	0	0	0	5	5	5	5	0	0	0	0	0	0			
	17	9837	29			17	04	15	R 0	8	0	0	0	5	5	5	5	0	0	0	0	0	0			
	20	9837	27			16	03	12	R 0	7	0	0	0	5	5	5	5	0	0	0	0	0	0			
	23	9841	25			15	08	08	R 0	0	0	0	0	5	5	5	5	0	0	0	0	0	0			
11	02	9843	23			10	05	12	R 4	8	0	0	0	2	2	2	2	0	0	0	0	0	0	210	30	24
	05	9840	25			06	05	16	R 4	8	0	0	0	2	2	2	2	1	1	1	1	1	1			
	08	9842	27			07	05	25	R 2	8	0	0	0	2	2	2	2	1	1	1	1	1	1			
	11	9836	30			14	04	22	R 2	8	0	0	0	2	2	2	2	1	1	1	1	1	1			
	14	9834	30			20	04	20	R 2	8	0	0	0	2	2	2	2	1	1	1	1	1	1			
	17	9828	30			18	05	27	R 0	8	0	0	0	2	2	2	2	1	1	1	1	1	1			
	20	9827	30			19	04	28	R 0	8	0	0	0	2	2	2	2	1	1	1	1	1	1			
	23	9842	29			20	06	22	R 4	8	0	0	0	2	2	2	2	1	1	1	1	1	1			
12	02	9844	29			18	06	20	R 4	8	0	0	0	2	2	2	2	0	0	0	0	0	0	492	33	27
	05	9861	28			14	06	18	R 0	8	0	0	0	2	2	2	2	1	1	1	1	1	1			
	08	9878	29			15	05	18	R 8	8	0	0	0	2	2	2	2	1	1	1	1	1	1			
	11	9873	31			12	03	20	R 8	8	0	0	0	2	2	2	2	1	1	1	1	1	1			
	14	9877	31			14	03	20	R 6	8	0	0	0	2	2	2	2	1	1	1	1	1	1			
	17	9884	30			17	03	07	R 0	8	0	0	0	2	2	2	2	1	1	1	1	1	1			
	20	9883	32			15	00	00	R 0	8	0	0	0	2	2	2	2	1	1	1	1	1	1			
	23	9887	29			13	00	00	R 0	8	0	0	0	2	2	2	2	1	1	1	1	1	1			
13	02	9895	26			09	07	09	R 4	8	0	0	0	2	2	2	2	0	0	0	0	0	0	279	30	26
	05	9898	27			07	06	07	R 4	8	0	0	0	2	2	2	2	0	0	0	0	0	0			
	08	9895	30			10	05	17	R 4	8	0	0	0	2	2	2	2	1	1	1	1	1	1			
	11	9893	31			15	03	12	R 4	8	0	0	0	2	2	2	2	1	1	1	1	1	1			
	14	9889	32			17	01	16	R 4	8	0	0	0	2	2	2	2	1	1	1	1	1	1			
	20	9882	30			21	02	25	R 4	8	0	0	0	2	2	2	2	1	1	1	1	1	1			
	23	9879	29			16	04	10	R 4	8	0	0	0	2	2	2	2	1	1	1	1	1	1			
14	02	9883	27			14	05	07	R 4	8	0	0	0	2	2	2	2	0	0	0	0	0	0	248	33	27
	05	9883	27			14	04	12	R 4	8	0	0	0	2	2	2	2	0	0	0	0	0	0			
	08	9886	30			15	04	12	R 4	8	0	0	0	2	2	2	2	0	0	0	0	0	0			
	11	9886	31			18	03	12	R 4	8	0	0	0	2	2	2	2	0	0	0	0	0	0			
	14	9887	32			20	02	13	R 4	8	0	0	0	2	2	2	2	0	0	0	0	0	0			
	17	9886	33			21	02	10	R 4	8	0	0	0	2	2	2	2	0	0	0	0	0	0			
	20	9881	31			23	05	08	R 4	8	0	0	0	2	2	2	2	0	0	0	0	0	0			
	23	9883	31			24	23	08	R 4	8	0	0	0	2	2	2	2	0	0	0	0	0	0			
15	02	9881	29			17	00	00	R 4	8	0	0	0	2	2	2	2	0	0	0	0	0	0	221	35	28
	05	9887	29			20	00	00	R 4	8	0	0	0	2	2	2	2	0	0	0	0	0	0			
	08	9893	31			20	03	11	R 4	5	0	0	0	2	2	2	2	0	0	0	0	0	0			
	11	9897	33			23	03	12	R 4	5	0	0	0	2	2	2	2	0	0	0	0	0	0			
	14	9889	35			26	01	08	R 4	7	0	0	0	2	2	2	2	0	0	0	0	0	0			
	17	9896	33			24	00	00	R 4	7	0	0	0	2	2	2	2	0	0	0	0	0	0			
	20	9889	33			26	00	00	R 4	7	0	0	0	2	2	2	2	0	0	0	0	0	0			
	23	9884	30			27	00	00	R 4	8	0	0	0	2	2	2	2	0	0	0	0	0	0			
16	02	9869	32			24	00	00	R 4	8	0	0	0	2	2	2	2	0	0	0	0	0	0	221	35	28
	05	9862	32			21	13	05	R 0	8	0	0	0	2	2	2	2	0	0	0	0	0	0			
	08	9846	34			19	06	13	R 0	8	0	0	0	2	2	2	2	0	0	0	0	0	0			
	11	9831	35			19	06	16	R 0	8	0	0	0	2	2	2	2	0	0	0	0	0	0			
	14	9820	33			23	03	09	R 0	8	0	0	0	2	2	2	2	0	0	0	0	0	0			
	17	9807	36			24	02	05	R 4	7	0	0	0	2	2	2	2	0	0	0	0	0	0			
	20	9798	33			23	00	00	R 4	7	0	0	0	2	2	2	2	0	0	0	0	0	0			
	23	9795	33			20	04	05	R 4	7	0	0	0	2	2	2	2	0	0	0	0	0	0			
17	02	9794	31			16	06	06	R 0	7	0	0	0	2	2	2	2	0	0	0	0	0	0	234	35	30
	05	9794	32			15	09	10	R 6	7	0	0	0	2	2	2	2	0	0	0	0	0	0			
	08	9794	30			15	08	10	R 4	7	0	0	0	2	2	2	2	0	0	0	0	0	0			
	11	9795	31			15	08	17	R 4	7	0	0	0	2	2	2	2	0	0	0	0	0	0			
	14	9794	33			17	08	15	R 4	6	0	0	0	2	2	2	2	0	0	0	0	0	0			
	17	9791	33			18	07	15	R 4	6	0	0	0	2	2	2	2	0	0	0	0	0	0			
	20	9796	32			20	06	11	R 4	6	0	0	0	2	2	2	2	0	0	0	0	0	0			
	23	9801	31			18	07	13	R 0	8	0	0	0	2	2	2	2	0	0	0	0	0	0			
18	02	9804	30			17	09	10	R 0	7	0	0	0	2	2	2	2	0	0	0	0	0	0	334	37	30
	05	9806	31			14	09	11	R 0	7	0	0	0	2	2	2	2	0	0	0	0	0	0			
	08	9807	32			13	08	10	R 4	7	0	0	0	2	2	2	2	0	0	0	0	0	0			
	11	9811	35			14	06	20	R 4	5	0	0	0	2	2	2	2	0	0	0	0	0	0			
	14	9811	37			18	03	12	R 4	1	0	0	0</													

Results of Surface Observations,
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LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE mb x 10 ⁻¹	TEMPERATURES		SURFACE WIND		VISIBILITY mi	CLOUD AMOUNT Oktas	PRESENT WEATHER			LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			ANEMOMETER WIND RUN St.miles	PRECIPITATION Points	EXTREME TEMPERATURES		
				DRY BULB °F	WET BULB °F	DEW POINT °x 10	DIRECTION kt			WW	Oktas	PAST WEATHER Oktas	C _L	C _F	C _H	BASE h	C _M	C _H	LOW DL	MIDDLE DM	HIGH DH	DIRECTION KT	SPEED mi hr ⁻¹			
19	02	9816	27	67	67	07	13	07	84	0	02	02	02	02	02	02	02	02	02	02	02	02	02	250	36	26
	05	9818	28	69	69	09	13	06	84	0	02	02	02	02	02	02	02	02	02	02	02	02	02			
	08	9819	29	71	72	11	21	04	84	1	02	02	02	02	02	02	02	02	02	02	02	02	02			
	11	9819	34	19	04	21	34	1	84	1	02	02	02	02	02	02	02	02	02	02	02	02	02			
	14	9821	35	22	02	09	84	1	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02			
	17	9817	32	23	27	06	84	5	03	03	02	02	02	02	02	02	02	02	02	02	02	02	02			
	20	9812	35	24	24	10	84	5	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02			
20	02	9809	31	18	10	12	84	3	01	1	3	3	3	3	3	3	3	3	3	3	3	3	3	322	38	28
	05	9817	32	20	07	12	80	8	02	2	7	7	5	5	5	5	5	5	5	5	5	5	5			
	08	9820	33	21	06	24	65	8	15	2	8	6	6	6	6	6	6	6	6	6	6	6	6			
	11	9835	35	19	06	23	65	7	15	2	7	7	5	5	5	5	5	5	5	5	5	5	5			
	14	9846	35	24	05	20	65	7	14	1	3	7	7	7	7	7	7	7	7	7	7	7	7			
	17	9844	34	26	03	12	65	8	14	1	1	0	0	0	0	0	0	0	0	0	0	0	0			
	20	9879	30	29	26	05	84	4	71	7	2	0	0	0	0	0	0	0	0	0	0	0	0			
21	02	9905	29	13	00	00	84	0	01	0	1	0	0	0	0	0	0	0	0	0	0	0	0	250	34	29
	05	9912	29	09	06	07	94	0	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02			
	08	9921	29	12	02	10	94	0	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02			
	11	9924	30	13	36	02	94	0	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02			
	14	9930	30	14	32	05	94	0	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02			
	17	9930	31	17	29	05	94	0	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02			
	20	9926	32	17	20	05	94	0	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02			
22	02	9934	29	06	08	10	84	7	03	2	0	0	0	0	0	0	0	0	0	0	0	0	0	248	40	28
	05	9916	32	08	06	08	84	8	03	2	0	0	0	0	0	0	0	0	0	0	0	0	0			
	08	9900	35	06	08	23	82	0	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0			
	11	9877	37	10	07	28	80	8	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0			
	14	9861	40	12	09	23	66	8	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0			
	17	9841	37	11	07	35	65	8	03	2	0	0	0	0	0	0	0	0	0	0	0	0	0			
	20	9847	35	14	07	14	74	8	14	2	0	0	0	0	0	0	0	0	0	0	0	0	0			
	23	9858	32	16	06	34	74	7	14	2	0	0	0	0	0	0	0	0	0	0	0	0	0			
23	02	9853	30	15	08	17	74	8	14	2	0	0	0	0	0	0	0	0	0	0	0	0	0	586	43	27
	05	9862	32	12	08	16	74	8	14	2	0	0	0	0	0	0	0	0	0	0	0	0	0			
	08	9850	35	11	08	12	65	8	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0			
	11	9828	41	10	07	15	74	8	03	1	1	0	0	0	0	0	0	0	0	0	0	0	0			
	14	9806	41	14	08	20	74	8	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0			
	17	9794	39	15	09	18	84	6	01	1	1	0	0	0	0	0	0	0	0	0	0	0	0			
	20	9786	32	11	10	19	84	6	01	1	1	0	0	0	0	0	0	0	0	0	0	0	0			
	23	9765	28	08	10	19	82	6	01	1	1	0	0	0	0	0	0	0	0	0	0	0	0			
24	02	9743	26	07	09	16	80	7	03	2	0	0	0	0	0	0	0	0	0	0	0	0	0	506	36	26
	05	9711	26	08	10	22	80	7	03	1	1	2	2	2	2	2	2	2	2	2	2	2	2			
	08	9685	30	16	08	26	74	8	14	2	0	0	0	0	0	0	0	0	0	0	0	0	0			
	11	9707	32	19	08	20	74	8	14	2	0	0	0	0	0	0	0	0	0	0	0	0	0			
	14	9722	35	22	07	16	74	8	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0			
	17	9742	35	21	06	12	74	8	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0			
	20	9757	34	20	07	12	74	7	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0			
	23	9766	32	16	09	06	74	7	01	2	0	0	0	0	0	0	0	0	0	0	0	0	0			
25	02	9766	29	12	10	10	84	6	03	1	1	6	5	5	5	5	5	5	5	5	5	5	5	358	36	28
	05	9779	28	11	10	11	80	5	03	1	1	6	5	5	5	5	5	5	5	5	5	5	5			
	08	9777	30	13	03	12	80	4	03	1	1	3	5	5	5	5	5	5	5	5	5	5	5			
	11	9779	34	13	06	12	80	5	03	1	1	6	5	5	5	5	5	5	5	5	5	5	5			
	14	9776	35	16	05	14	80	5	03	1	1	6	5	5	5	5	5	5	5	5	5	5	5			
	17	9778	34	17	07	08	80	6	03	1	1	6	5	5	5	5	5	5	5	5	5	5	5			
	20	9774	32	18	02	06	84	4	01	1	1	1	0	0	0	0	0	0	0	0	0	0	0			
	23	9778	30	17	05	07	84	2	03	1	1	1	0	0	0	0	0	0	0	0	0	0	0			
26	02	9781	28	17	04	04	84	4	7	03	1	1	7	5	5	5	5	5	5	5	5	5	5	235	31	28
	05	9789	29	19	04	09	84	4	7	02	0	0	0	0	0	0	0	0	0	0	0	0	0			
	08	9788	30	20	04	05	80	7	15	2	2	7	5	5	5	5	5	5	5	5	5	5	5			

Results of Surface Observations,
DAVIS DEC., 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE mb $\times 10^{-1}$	TEMPERATURES			SURFACE WIND			LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			EXTREME TEMPERATURES		
DRY BULB °F	WET BULB °F	DEN POINT ° $\times 10$	DIRECTION kt	PRESENT WEATHER VV Oktas ww	CLOUD AMOUNT 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 20310 20311 20312 20313 20314 20315 20316 20317 20318 20319 20320 20321 20322 20323 20324 20325 20326 20327 20328 20329 20330 20331 20332 20333 20334 20335 20336 20337 20338 20339 20340 20341 20342 20343 20344 20345 20346 20347 20348 20349 20350 20351 20352 20353 20354 20355 20356 20357 20358 20359 20360 20361 20362 20363 20364 20365 20366 20367 20368 20369 20370 20371 20372 20373 20374 20375 20376 20377 20378 20379 20380 20381 20382 20383 20384 20385 20386 20387 20388 20389 20390 20391 20392 20393 20394 20395 20396 20397 20398 20399 203100 203101 203102 203103 203104 203105 203106 203107 203108 203109 203110 203111 203112 203113 203114 203115 203116 203117 203118 203119 203120 203121 203122 203123 203124 203125 203126 203127 203128 203129 203130 203131 203132 203133 203134 203135 203136 203137 203138 203139 203140 203141 203142 203143 203144 203145 203146 203147 203148 203149 203150 203151 203152 203153 203154 203155 203156 203157 203158 203159 203160 203161 203162 203163 203164 203165 203166 203167 203168 203169 203170 203171 203172 203173 203174 203175 203176 203177 203178 203179 203180 203181 203182 203183 203184 203185 203186 203187 203188 203189 203190 203191 203192 203193 203194 203195 203196 203197 203198 203199 2031000 2031001 2031002 2031003 2031004 2031005 2031006 2031007 2031008 2031009 20310010 20310011 20310012 20310013 20310014 20310015 20310016 20310017 20310018 20310019 20310020 20310021 20310022 20310023 20310024 20310025 20310026 20310027 20310028 20310029 20310030 20310031 20310032 20310033 20310034 20310035 20310036 20310037 20310038 20310039 20310040 20310041 20310042 20310043 20310044 20310045 20310046 20310047 20310048 20310049 20310050 20310051 20310052 20310053 20310054 20310055 20310056 20310057 20310058 20310059 20310060 20310061 20310062 20310063 20310064 20310065 20310066 20310067 20310068 20310069 20310070 20310071 20310072 20310073 20310074 20310075 20310076 20310077 20310078 20310079 20310080 20310081 20310082 20310083 20310084 20310085 20310086 20310087 20310088 20310089 20310090 20310091 20310092 20310093 20310094 20310095 20310096 20310097 20310098 20310099 203100100 203100101 203100102 203100103 203100104 203100105 203100106 203100107 203100108 203100109 203100110 203100111 203100112 203100113 203100114 203100115 203100116 203100117 203100118 203100119 203100120 203100121 203100122 203100123 203100124 203100125 203100126 203100127 203100128 203100129 203100130 203100131 203100132 203100133 203100134 203100135 203100136 203100137 203100138 203100139 203100140 203100141 203100142 203100143 203100144 203100145 203100146 203100147 203100148 203100149 203100150 203100151 203100152 203100153 203100154 203100155 203100156 203100157 203100158 203100159 203100160 203100161 203100162 203100163 203100164 203100165 203100166 203100167 203100168 203100169 203100170 203100171 203100172 203100173 203100174 203100175 203100176 203100177 203100178 203100179 203100180 203100181 203100182 203100183 203100184 203100185 203100186 203100187 203100188 203100189 203100190 203100191 203100192 203100193 203100194 203100195 203100196 203100197 203100198 203100199 2031001000 2031001001 2031001002 2031001003 2031001004 2031001005 2031001006 2031001007 2031001008 2031001009 20310010010 20310010011 20310010012 20310010013 20310010014 20310010015 20310010016 20310010017 20310010018 20310010019 20310010020 20310010021 20310010022 20310010023 20310010024 20310010025 20310010026 20310010027 20310010028 20310010029 20310010030 20310010031 20310010032 20310010033 20310010034 20310010035 20310010036 20310010037 20310010038 20310010039 20310010040 20310010041 20310010042 20310010043 20310010044 20310010045 20310010046 20310010047 20310010048 20310010049 20310010050 20310010051 20310010052 20310010053 20310010054 20310010055 20310010056 20310010057 20310010058 20310010059 20310010060 20310010061 20310010062 20310010063 20310010064 20310010065 20310010066 20310010067 20310010068 20310010069 20310010070 20310010071 20310010072 20310010073 20310010074 20310010075 20310010076 20310010077 20310010078 20310010079 20310010080 20310010081 20310010082 20310010083 20310010084 20310010085 20310010086 20310010087 20310010088 20310010089 20310010090 20310010091 20310010092 20310010093 20310010094 20310010095 20310010096 20310010097 20310010098 20310010099 203100100100 203100100101 203100100102 203100100103 203100100104 203100100105 203100100106 203100100107 203100100108 203100100109 203100100110 203100100111 203100100112 203100100113 203100100114 203100100115 203100100116 203100100117 203100100118 203100100119 203100100120 203100100121 203100100122 203100100123 203100100124 203100100125 203100100126 203100100127 203100100128 203100100129 203100100130 203100100131 203100100132 203100100133 203100100134 203100100135 203100100136 203100100137 203100100138 203100100139 203100100140 203100100141 203100100142 203100100143 203100100144 203100100145 203100100146 203100100147 203100100148 203100100149 203100100150 203100100151 203100100152 203100100153 203100100154 203100100155 203100100156 203100100157 203100100158 203100100159 203100100160 203100100161 203100100162 203100100163 203100100164 203100100165 203100100166 203100100167 203100100168 203100100169 203100100170 203100100171 203100100172 203100100173 203100100174 203100100175 203100100176 203100100177 203100100178 203100100179 203100100180 203100100181 203100100182 203100100183 203100100184 203100100185 203100100186 203100100187 203100100188 203100100189 203100100190 203100100191 203100100192 203100100193 203100100194 203100100195 203100100196 203100100197 203100100198 203100100199 2031001001000 2031001001001 2031001001002 2031001001003 2031001001004 2031001001005 2031001001006 2031001001007 2031001001008 2031001001009 20310010010010 20310010010011 20310010010012 20310010010013 20310010010014 20310010010015 20310010010016 20310010010017 20310010010018 20310010010019 20310010010020 20310010010021 20310010010022 20310010010023 20310010010024 20310010010025 20310010010026 20310010010027 20310010010028 20310010010029 20310010010030 20310010010031 20310010010032 20310010010033 20310010010034 20310010010035 20310010010036 20310010010037 20310010010038 20310010010039 20310010010040 20310010010041 20310010010042 20310010010043 20310010010044 20310010010045 20310010010046 20310010010047 20310010010048 20310010010049 20310010010050 20310010010051 20310010010052 20310010010053 20310010010054 20310010010055 20310010010056 20310010010057 20310010010058 20310010010059 20310010010060 20310010010061 20310010010062 20310010010063 20310010010064 20310010010065 20310010010066 20310010010067 20310010010068 20310010010069 20310010010070 20310010010071 20310010010072 20310010010073 20310010010074 20310010010075 20310010010076 20310010010077 20310010010078 20310010010079 20310010010080 20310010010081 20310010010082 20310010010083 20310010010084 20310010010085 20310010010086 20310010010087 20310010010088 20310010010089 20310010010090 20310010010091 20310010010092 20310010010093 20310010010094 20310010010095 20310010010096 20310010010097 20310010010098 20310010010099 203100100100100 203100100100101 203100100100102 203100100100103 203100100100104 203100100100105 203100100100106 203100100100107 203100100100108 203100100100109 203100100100110 203100100100111 203100100100112 203100100100113 203100100100114 203100100100115 203100100100116 203100100100117 203100100100118 203100100100119 203100100100120 203100100100121 203100100100122 203100100100123 203100100100124 203100100100125 203100100100126 203100100100127 203100100100128 203100100100129 203100100100130 203100100100131 203100100100132 203100100100133 203100100100134 203100100100135 203100100100136 203100100100137 203100100100138 203100100100139 203100100100140 203100100100141 203100100100142 203100100100143 203100100100144 203100100100145 203100100100146 203100100100147 203100100100148 203100100100149 203100100100150 203100100100151 203100100100152 203100100100153 203100100100154 203100100100155 203100100100156 203100100100157 203100100100158 203100100100159 203100100100160 203100100100161 203100100100162 203100100100163 203100100100164 203100100100165 203100100100166 203100100100167 203100100100168 203100100100169 203100100100170 203100100100171 203100100100172 203100100100173 203100100100174 203100100100175 203100100100176 203100100100177 203100100100178 203100100100179 203100100100180 203100100100181 203100100100182 203100100100183 203100100100184 203100100100185 203100100100186 203100100100187 203100100100188 203100100100189 203100100100190 203100100100191 203100100100192 203100100100193 203100100100194 203100100100195 203100100100196 203100100100197 203100100100198 203100100100199 2031001001001000 2031001001001001 2031001001001002 2031001001001003 2031001001001004 2031001001001005 2031001001001006 2031001001001007 2031001001001008 2031001001001009 20310010010010010 20310010010010011 203100100100																

Results of Surface Observations,
MACQUARIE JAN., 1962

LOCAL STANDARD TIME	DAY	HOUR	TEMPERATURES				SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER			LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			ANEMOMETER WIND RUN		PRECIPITATION		EXTREME TEMPERATURES		
			STATION LEVEL PRESSURE		DRY BULB	WET BULB	DEW POINT	DIRECTION			Okt	VV	ww	w	Okt	C _L	h	C _M	C _H	D _L	D _M	D _H	°x10	kt	Strokes	Points	MAX	MIN	
					mb x 10 ⁻¹	°F	°F	°x10																					
01	00	0102	4.4	4.2	3.9	3.4	2.6	1	1	0.2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4.2
	03	10076	4.5	4.3	4.0	3.4	2.7	1	2	4	0.3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	05	10047	4.5	4.2	3.8	3.4	3.2	1	0	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	09	10021	4.5	4.4	4.2	3.4	3.7	1	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	12	9959	4.5	4.4	4.4	3.4	3.8	1	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	15	9923	4.5	4.5	4.5	3.3	3.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
	18	9911	4.6	4.6	4.6	3.2	3.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
	21	9930	4.4	4.5	4.2	3.1	2.8	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
	00	9937	4.3	4.2	4.0	3.7	3.2	0.2	0.4	0.2	0.1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	03	9946	4.3	4.1	3.9	3.2	2.1	0.4	0.4	0.5	0.2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
02	09	9953	4.4	4.4	4.2	4.0	3.2	0.2	0.4	0.3	0.3	2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
	12	9975	4.2	4.1	3.9	2.8	2.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
	15	9999	4.4	4.2	4.0	3.9	2.9	0.2	0.4	0.1	0.1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	18	10027	4.2	4.0	3.7	2.7	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	21	10040	4.2	4.0	3.7	2.9	2.0	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
	00	10022	4.3	4.1	3.8	3.2	2.3	0.4	0.4	0.2	0.1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	03	9982	4.3	4.2	4.1	3.9	3.2	0.2	0.4	0.2	0.1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	06	9955	4.4	4.3	4.2	4.1	3.9	3.2	2.1	0.4	0.2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	09	9933	4.5	4.4	4.4	4.4	3.4	2.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
	12	9929	4.5	4.5	4.5	4.5	3.4	2.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
03	15	9865	4.4	4.3	4.2	3.1	2.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
	18	9876	4.4	4.2	3.9	3.1	2.1	0.4	0.4	0.2	0.1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	21	9875	4.4	4.1	3.7	3.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	00	9846	4.3	4.1	3.9	3.4	1.7	0.4	0.4	0.2	0.1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	03	9814	4.3	4.2	4.1	3.2	1.4	0.6	0.6	0.5	0.3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	06	9819	4.3	4.1	4.0	2.9	1.0	0.6	0.6	0.5	0.3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	09	9836	4.4	4.1	3.8	2.9	1.2	0.8	0.8	0.5	0.3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	12	9849	4.4	4.1	4.1	3.8	2.9	1.6	0.8	0.8	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
	15	9863	4.5	4.1	4.1	3.7	2.9	1.5	0.8	0.8	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	
	18	9889	4.2	4.0	3.7	2.9	1.5	0.8	0.8	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	
05	21	9914	4.1	4.0	3.6	2.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	00	9926	4.1	3.9	3.4	2.9	1.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	03	9925	4.1	3.9	3.6	3.2	1.7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	06	9939	4.1	3.9	3.5	3.2	1.7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	09	9952	4.3	3.9	3.3	2.9	1.7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	12	9953	4.3	4.1	3.7	3.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	15	9944	4.3	4.0	3.6	3.1	2.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
	18	9916	4.3	4.3	4.3	3.1	2.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	21	9919	4.3	4.1	3.9	2.9	1.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
06	00	9930	4.1	3.9	3.5	3.0	2.3	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	03	9948	4.1	3.8	3.5	2.9	2.5	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	06	9980	4.1	3.8	3.4	2.8	2.3	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	09	9935	4.3	3.9	3.3	2.8	2.1																						

Results of Surface Observations,
MACQUARIE JAN., 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE inb x 10 ⁻¹	TEMPERATURES			SURFACE WIND		VISIBILITY	PRESENT WEATHER	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST °x 10 KT	ANEMOMETER WIND RUN St. miles	PRECIPITATION Points	EXTREME TEMPERATURES			
				DRY BULB °F	WET BULB °F	DEWPNT °x 10	DIRECTION KT	SPEED VV Oktas			C _L h	C _M h	C _H h	LOW	MIDDLE	HIGH	DIRECTION KT	SPEED °x 10	MAXIMUM WIND RUN in	MINIMUM WIND RUN in			
														D _L	D _M	D _H							
10	00	10144	44	44	43	33	16	74	5	20	5	5	5	0	0	0	0	0	0	0	0	0	0
	03	10150	44	43	43	33	15	74	7	03	1	7	8	7	7	7	7	7	7	7	7	7	7
	06	10132	45	44	43	32	12	74	8	03	1	3	1	3	5	5	5	5	5	5	5	5	5
	09	10134	46	45	44	32	13	74	8	03	1	7	7	5	5	5	5	5	5	5	5	5	5
	12	10135	47	46	45	32	12	74	8	03	1	7	7	5	5	5	5	5	5	5	5	5	5
	15	10140	49	46	43	00	00	7	03	1	7	7	5	5	5	5	5	5	5	5	5	5	5
	18	10151	43	43	43	17	0	7	03	1	7	7	5	5	5	5	5	5	5	5	5	5	5
21	10147	42	41	40	15	09	0	6	03	2	8	7	5	5	5	5	5	5	5	5	5	5	5
11	00	10134	41	40	40	13	08	65	65	02	2	2	8	5	4	3	3	3	3	3	3	3	3
	03	10108	41	41	41	13	10	65	65	02	2	2	8	5	5	5	5	5	5	5	5	5	5
	06	10085	42	41	41	14	10	65	65	02	2	2	8	5	5	5	5	5	5	5	5	5	5
	09	10059	42	41	41	13	10	65	65	02	2	2	8	5	5	5	5	5	5	5	5	5	5
	12	10008	44	43	43	13	14	65	65	02	2	2	8	5	5	5	5	5	5	5	5	5	5
	15	9979	44	44	43	16	11	65	65	02	2	2	8	5	5	5	5	5	5	5	5	5	5
	18	9959	44	44	44	18	10	64	65	02	2	2	8	5	5	5	5	5	5	5	5	5	5
21	9946	44	44	44	00	00	65	65	02	2	2	8	5	5	5	5	5	5	5	5	5	5	5
12	00	9933	41	41	40	29	12	65	5	01	1	1	5	5	4	3	3	3	3	3	3	3	3
	03	9929	42	41	40	28	11	65	5	01	1	1	5	5	4	4	7	7	7	7	7	7	7
	06	9929	42	42	42	29	21	65	5	01	1	1	5	5	4	4	7	7	7	7	7	7	7
	09	9935	41	38	32	29	21	65	5	02	2	2	8	5	5	4	4	4	4	4	4	4	4
	12	9965	47	42	37	29	17	80	5	01	1	1	5	5	4	4	7	7	6	6	6	6	6
	15	9981	45	41	35	28	21	80	4	01	1	1	4	4	4	4	7	7	7	7	7	7	7
	18	10002	43	40	35	28	20	80	5	03	2	2	8	5	5	5	4	4	6	6	6	6	6
21	10018	42	38	31	28	17	80	4	02	2	2	8	5	5	5	4	4	6	6	6	6	6	6
13	00	10014	42	40	37	31	16	80	5	80	2	2	8	4	4	4	7	7	7	7	7	7	7
	03	10012	40	39	38	28	16	80	7	80	3	2	8	4	4	4	7	7	7	7	7	7	7
	06	10002	43	41	38	31	14	80	8	80	3	2	8	5	5	5	4	4	7	7	7	7	7
	09	9991	44	42	39	31	11	80	9	80	2	2	8	5	5	5	4	4	7	7	7	7	7
	12	9965	43	42	34	07	16	80	9	80	2	2	8	5	5	5	4	4	7	7	7	7	7
	15	9931	42	42	31	14	14	80	8	80	2	2	8	5	5	5	4	4	7	7	7	7	7
	18	9916	45	45	31	07	08	80	8	80	2	2	8	5	5	5	4	4	7	7	7	7	7
21	9921	45	44	31	20	16	80	8	80	2	2	8	5	5	5	4	4	7	7	7	7	7	7
14	00	9951	44	40	38	28	24	16	8	02	2	2	8	5	3	3	6	6	6	6	6	6	6
	03	9975	43	39	33	28	24	16	8	01	2	2	8	5	3	3	6	6	6	6	6	6	6
	06	9995	44	40	34	28	24	16	8	01	2	2	8	5	3	3	6	6	6	6	6	6	6
	09	10014	46	42	37	30	16	74	8	03	2	2	8	5	3	3	6	6	6	6	6	6	6
	12	10020	47	44	39	30	17	74	7	02	2	2	7	5	3	3	6	6	6	6	6	6	6
	15	10020	44	41	31	14	14	80	8	02	2	2	8	5	3	3	6	6	6	6	6	6	6
	18	10018	45	44	32	11	08	82	5	01	2	2	8	5	3	3	6	6	6	6	6	6	6
21	10017	44	44	32	15	05	05	5	01	2	2	8	5	3	3	6	6	6	6	6	6	6	6
15	00	10001	44	42	42	34	09	03	03	01	1	1	5	4	4	4	7	7	7	7	7	7	7
	03	9959	43	43	43	35	07	07	03	01	1	1	5	4	4	4	7	7	7	7	7	7	7
	06	9934	45	45	45	02	08	05	03	01	1	1	5	4	4	4	7	7	7	7	7	7	7
	09	9890	46	46	46	34	17	08	05	03	01	1	1	5	4	4	4	7	7	7	7	7	7
	12	9832	46	46	46	34	16	08	05	03	01	1	1	5	4	4	4	7	7	7	7	7	7
	15	9824	44	43	43	29	13	16	08	05	03	01	1	1	5	4	4	4	7	7	7	7	7
	18	9868	43	40	39	29	62	08	05	03	01	1	1	5	4	4	4	7	7	7	7	7	7
21	9902	40	37	29	35	74	3	01	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	00	9921	41	40	38	29	37	80	2	01	1	1	1	1	1	1	5	5	5	5	5	5	5
	03	9959	41	40	38	29	30	74	8	03	2	2	2	2	2	2	5	5	5	5	5	5	5
	06	9966	41	39	37	27	31	80	3	02	2	2	2	2	2	2	5	5	5	5	5	5	5
	09	9985	44	41	38	27	34	80	4	02	2	2	2	2	2	2	5	5	5	5	5	5	5
	12	10024	45	42	38	27	30	80	2	02	2	2	2	2	2	2	5	5	5	5	5	5	5
	15	10056	45	40	34	27	25	80	2	02	2	2	2	2	2	2	5	5	5	5	5	5	5
	18	10085	43	38	31	27	21	80	2	02	2	2	2	2	2	2	5	5	5	5	5	5	5
21	10103	41	37	30	27	13	04	04	02	01	1	1	1	1	1	1	5	5	5	5	5	5	5
17	00	10113	41	39	35	29	05	74	8	02	2	2	2	2	2	2	5	5	5	5	5	5	5
	03	10104	42	41	40	34	06	74	8	02	2	2	2	2	2	2	5	5	5	5	5	5	5
	06	10064	42	41	39	01	17	74	8	02	2	2	2	2	2	2	5	5	5	5	5	5	5

Results of Surface Observations,
MACQUARIE JAN., 1962

LOCAL STANDARD TIME		TEMPERATURES				SURFACE WIND		VISIBILITY				CLOUD AMOUNT				DIRECTION OF CLOUD MOVEMENT				MAXIMUM WIND GUST		EXTREME TEMPERATURES				
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB mb x 10 ⁻¹	WET BULB °F	DEWP °F	DIRECTION = x 10 ³	SPEED kts	VV	Octa	W	Fast Weather Oktas	C _L	C _M	C _H	LOW CLOUD TYPE AMOUNT	MIDDLE CLOUD TYPE AMOUNT	HIGH CLOUD TYPE AMOUNT	LOW D _L	MIDDLE D _M	HIGH D _H	DIRECTION = x 10 ³	KT	ANEMOMETER WIND RUN St.miles	PRECIPITATION Points	MAXIMUM °F	MINIMUM °F
19	00	9945	45	43	40	32	34	74	8	03	1	8	5	4	7	7	7	7	7	7	7	7	7	7	7	7
	03	9948	43	43	43	30	23	58	8	58	5	8	5	4	7	7	7	7	7	7	7	7	7	7	7	7
	06	9957	44	43	42	31	16	74	8	25	6	8	5	4	7	7	7	7	7	7	7	7	7	7	7	7
	09	9958	43	42	41	31	20	48	8	80	1	8	5	4	7	7	7	7	7	7	7	7	7	7	7	7
	12	9949	41	40	39	30	16	48	8	52	8	8	5	4	7	7	7	7	7	7	7	7	7	7	7	7
	15	9942	43	41	39	29	21	74	5	03	1	8	5	4	7	7	7	7	7	7	7	7	7	7	7	7
	18	9947	40	39	38	28	17	20	4	15	1	8	5	4	7	7	7	7	7	7	7	7	7	7	7	7
	21	9967	41	38	34	21	74	5	01	1	8	5	4	7	7	7	7	7	7	7	7	7	7	7	7	7
20	00	9969	41	39	36	28	21	65	8	87	8	8	5	4	6	6	6	6	6	6	6	6	6	6	6	6
	03	9965	41	40	39	29	24	74	5	01	1	8	5	4	6	6	6	6	6	6	6	6	6	6	6	6
	06	9957	43	42	40	31	30	74	8	03	1	8	5	4	6	6	6	6	6	6	6	6	6	6	6	6
	09	9939	45	44	43	32	31	74	8	02	2	8	5	4	6	6	6	6	6	6	6	6	6	6	6	6
	12	9935	45	45	45	32	37	52	8	02	2	8	5	4	6	6	6	6	6	6	6	6	6	6	6	6
	15	9934	45	44	43	31	17	74	5	01	2	8	5	4	6	6	6	6	6	6	6	6	6	6	6	6
	18	9940	44	42	39	30	15	80	6	02	2	8	5	4	6	6	6	6	6	6	6	6	6	6	6	6
	21	9942	43	39	38	31	12	80	5	01	1	8	5	4	6	6	6	6	6	6	6	6	6	6	6	6
21	00	9937	41	40	38	29	04	82	5	02	1	7	5	4	7	7	7	7	7	7	7	7	7	7	7	7
	03	9912	42	40	38	29	05	82	7	03	1	7	5	5	2	2	2	2	2	2	2	2	2	2	2	2
	06	9898	41	40	40	08	01	15	8	02	1	7	5	5	2	2	2	2	2	2	2	2	2	2	2	2
	09	9876	41	41	41	14	06	15	8	50	5	8	5	5	2	2	2	2	2	2	2	2	2	2	2	2
	12	9838	44	44	43	18	10	59	8	03	1	8	5	5	3	3	3	3	3	3	3	3	3	3	3	3
	15	9814	45	43	41	17	09	82	7	01	2	7	8	4	4	4	4	4	4	4	4	4	4	4	4	4
	18	9811	45	41	39	21	04	74	7	50	5	7	8	4	4	4	4	4	4	4	4	4	4	4	4	4
	21	9814	41	39	35	25	06	82	5	01	1	3	8	4	5	5	5	5	5	5	5	5	5	5	5	5
22	00	9815	37	37	35	26	08	74	8	81	1	8	5	4	6	6	6	6	6	6	6	6	6	6	6	6
	03	9825	39	37	34	26	11	65	5	81	1	8	5	4	6	6	6	6	6	6	6	6	6	6	6	6
	06	9835	38	37	36	28	11	58	7	88	8	7	2	4	6	6	6	6	6	6	6	6	6	6	6	6
	09	9854	42	39	36	27	04	65	6	14	1	6	2	4	6	6	6	6	6	6	6	6	6	6	6	6
	12	9874	41	39	36	28	07	74	6	01	8	5	2	4	6	6	6	6	6	6	6	6	6	6	6	6
	15	9891	43	38	30	28	12	80	6	02	2	6	2	4	6	6	6	6	6	6	6	6	6	6	6	6
	18	9910	40	38	35	27	13	80	6	03	1	6	2	4	6	6	6	6	6	6	6	6	6	6	6	6
	21	9923	40	37	31	27	15	80	5	00	2	5	2	4	6	6	6	6	6	6	6	6	6	6	6	6
23	00	9941	40	37	31	27	15	80	5	80	2	5	2	4	6	6	6	6	6	6	6	6	6	6	6	6
	03	9947	40	37	31	27	18	80	5	02	2	4	2	4	6	6	6	6	6	6	6	6	6	6	6	6
	06	9980	39	35	28	26	14	80	6	03	2	4	2	4	6	6	6	6	6	6	6	6	6	6	6	6
	09	9989	43	39	33	27	14	80	7	03	1	3	2	4	6	6	6	6	6	6	6	6	6	6	6	6
	12	9999	45	43	40	30	12	80	7	03	1	5	2	4	6	6	6	6	6	6	6	6	6	6	6	6
	15	10007	43	40	35	28	17	80	8	73	8	5	2	4	6	6	6	6	6	6	6	6	6	6	6	6
	18	10007	43	42	41	31	21	80	8	02	2	3	2	4	6	6	6	6	6	6	6	6	6	6	6	6
	21	10007	43	43	42	30	21	58	8	80	2	8	0	2	6	6	6	6	6	6	6	6	6	6	6	6
24	00	10011	43	43	28	16	14	48	8	80	2	5	2	4	6	6	6	6	6	6	6	6	6	6	6	6
	03	10028	43	42	40	28	10	65	7	80	0	3	7	5	3	7	7	7	7	7	7	7	7	7	7	7
	06	10056	44	44	43	31	07	65	8	03	1	3	2	4	6	6	6	6	6	6	6	6	6	6	6	6
	09	10064	46	45	45	32	10	56	8	03	1	5	2	4	6	6	6	6	6	6	6	6	6	6	6	6
	12	10058	46	46	46	33	15	16	8	50	7	5	2	4	6	6	6	6	6	6	6	6	6	6	6	6
	15	10048	47	46	46	34	20	48	8	50	7	5	2	4	6	6	6	6	6	6	6	6	6	6	6	6
	18	10020	47	46	46	34	23	48	8	03	1	4	2	4	6	6	6	6	6	6	6	6	6	6	6	6
	21	9998	47	47	34	24	10	8	4	02	1	5	2	4	6	6	6	6	6	6	6	6	6	6	6	6
25	00	9986	47	47	47	22	04	8	51	8	03	1	5	0	0	7	7	7	7	7	7	7	7	7	7	7
	03	9967	47	47	47	21	04	9	45	8	03	1	5	0	0	7	7	7	7	7	7	7	7	7	7	7
	06	9953	47	47	47	23	04	9	45	8	03	1	5	0	0	7	7	7	7	7	7	7	7	7	7	7
	09	9959	47	47	47	33	21	04	9	60	7	5	1	1	4	7	7	7	7	7	7	7	7	7	7	7
	12	9995	46	45	44	30	10	58	8	01	1	5	1	1	4	7	7	7	7	7	7	7	7	7	7	7
	15	10008	46	45	44	31	12	58	9	02	1	5	1	1	4	7	7	7	7	7	7	7	7	7	7	7
	18	10019	45	42	38	31	20	20	5	01	1	5	1	1	4	7	7	7	7	7	7	7	7	7	7	7
	21	10039	45	41	37	31	20	20	5	03	1	5	1	1	4	7	7	7	7	7						

Results of Surface Observations,
MACQUARIE JAN., 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE $\text{mb} \times 10^{-3}$	TEMPERATURES			SURFACE WIND		VISIBILITY VV	CLOUD AMOUNT Oktas	PRESENT WEATHER WW	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			EXTREME TEMPERATURES				
				DRY BULB °F	WET BULB °F	DEWPNT °x 10	DIRECTION kt	SPEED ft				C _L	TYPE	C _M	C _H	D _L	D _M	D _H	DIRECTION °x 10	SPEED kt	St.miles	ANEMOMETER WIND RUN	PRECIPITATION Points	MAXIMUM °F	MINIMUM °F
28	00	10217	43	43	43	29	07	56	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02		
	03	10206	43	43	43	31	05	56	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02		
	06	10196	44	43	42	31	08	56	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02		
	09	10184	45	44	43	31	09	56	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02		
	12	10158	45	44	44	31	04	56	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02		
	15	10135	45	45	45	31	07	56	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02		
	18	10119	44	44	44	31	08	56	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02		
	21	10109	44	44	44	30	08	56	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02		
29	00	10104	44	42	40	25	16	74	6	01	01	01	01	01	01	01	01	01	01	01	01	01	01		
	03	10112	41	39	35	25	22	74	5	01	01	01	01	01	01	01	01	01	01	01	01	01	01		
	06	10131	41	39	34	25	15	80	3	01	01	01	01	01	01	01	01	01	01	01	01	01	01		
	09	10149	44	39	31	27	05	80	8	01	01	01	01	01	01	01	01	01	01	01	01	01	01		
	12	10162	45	41	35	27	15	80	8	01	01	01	01	01	01	01	01	01	01	01	01	01	01		
	15	10173	46	42	36	28	08	80	8	01	01	01	01	01	01	01	01	01	01	01	01	01	01		
	18	10175	45	42	39	29	11	80	7	01	01	01	01	01	01	01	01	01	01	01	01	01	01		
	21	10181	44	41	39	32	13	80	8	02	02	02	02	02	02	02	02	02	02	02	02	02	02		
30	00	10174	44	41	37	33	16	80	7	02	02	02	02	02	02	02	02	02	02	02	02	02	02		
	03	10162	45	41	37	32	18	74	7	02	02	02	02	02	02	02	02	02	02	02	02	02	02		
	06	10158	45	41	37	33	21	80	8	02	02	02	02	02	02	02	02	02	02	02	02	02	02		
	09	10144	46	43	39	34	16	80	8	02	02	02	02	02	02	02	02	02	02	02	02	02	02		
	12	10113	48	46	44	34	21	80	8	02	02	02	02	02	02	02	02	02	02	02	02	02	02		
	15	10087	48	47	46	34	22	80	8	02	02	02	02	02	02	02	02	02	02	02	02	02	02		
	18	10064	47	46	44	34	23	80	8	02	02	02	02	02	02	02	02	02	02	02	02	02	02		
	21	10041	47	46	44	35	26	80	8	02	02	02	02	02	02	02	02	02	02	02	02	02	02		
31	00	10012	48	47	46	35	28	80	5	01	01	01	01	01	01	01	01	01	01	01	01	01	01		
	03	9991	48	47	46	35	26	76	8	01	01	01	01	01	01	01	01	01	01	01	01	01	01		
	06	9973	47	47	47	34	25	76	6	01	01	01	01	01	01	01	01	01	01	01	01	01	01		
	09	9961	48	48	48	34	26	16	8	01	01	01	01	01	01	01	01	01	01	01	01	01	01		
	12	9955	47	47	47	32	15	58	8	01	01	01	01	01	01	01	01	01	01	01	01	01	01		
	15	9971	48	47	46	33	12	74	3	01	01	01	01	01	01	01	01	01	01	01	01	01	01		
	18	9972	46	45	44	34	10	80	5	01	01	01	01	01	01	01	01	01	01	01	01	01	01		
	21	9979	45	45	44	34	06	80	8	03	01	01	01	01	01	01	01	01	01	01	01	01	01		

Results of Surface Observations,
MACQUARIE FEB., 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE mb x 10 ⁻¹	TEMPERATURES			SURFACE WIND		VISIBILITY Dists. km	CLOUD AMOUNT Oktas	PRESENT WEATHER	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST *x10 kt	ANEMOMETER WIND RUN		EXTREME TEMPERATURES			
				DRY BULB °F	WET BULB °F	DEWPNT °F	DIRECTION °x 10	SPEED kt				C _L h	C _M h	C _H h	D _L LOW	D _M MIDDLE	D _H HIGH		DIRECTION *x10	SPEED kt	St.miles	Points	MAXIMUM °F	MINIMUM °F
01	00	9958	45	44	44	34	03	40	50	20	80	20	20	20	20	20	20	20	20	20	20	20	20	20
	03	9929	44	44	44	34	10	40																
	06	9904	44	44	44	34	12	50																
	09	9900	47	45	45	34	23	50																
	12	9904	49	47	46	31	23	52																
	15	9918	48	47	46	34	21	52																
	18	9918	47	46	45	34	20	52																
	21	9928	46	46	46	35	14	58																
	00	9909	48	47	46	02	19	48																
	03	9890	48	48	48	03	24	56																
02	06	9871	48	48	48	01	27	58	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
	09	9845	47	47	47	36	07	58																
	12	9792	48	48	48	36	12	58																
	15	9780	47	47	47	32	12	58																
	18	9784	46	45	45	34	10	58																
	21	9792	45	45	45	35	10	58																
	00	9786	45	45	45	34	15	58																
	03	9784	43	42	42	32	10	58																
	06	9860	43	42	41	31	23	74																
	09	9835	46	43	39	31	17	58																
03	12	9866	46	43	40	31	15	58	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
	15	9884	46	43	40	32	08	58																
	18	9887	45	42	38	32	09	58																
	21	9908	44	42	39	31	16	58																
	00	9906	42	40	37	32	18	58																
	03	9908	42	40	37	32	15	58																
	06	9915	42	41	39	31	11	58																
	09	9919	45	43	39	31	17	58																
	12	9919	43	42	40	29	09	58																
	15	9923	44	42	38	27	07	58																
04	18	9944	41	39	39	23	06	58	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
	21	9961	41	39	36	26	09	58																
	00	9991	41	38	35	27	06	74																
	03	10008	41	38	35	26	11	80																
	06	10049	40	38	35	22	16	80																
	09	10077	42	38	30	20	16	80																
	12	10098	43	31	19	15	80	80																
	15	10107	42	39	33	25	12	80																
	18	10109	41	38	35	25	02	80																
	21	10115	39	38	35	25	02	80																
05	00	10107	41	38	33	27	07	80	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
	03	10088	40	38	35	27	13	74																
	06	10077	40	38	34	10	74	74																
	09	10052	43	42	42	35	11	74																
	12	10029	44	44	44	01	14</																	

Results of Surface Observations,
MACQUARIE FEB., 1962

DAY	HOUR	STATION LEVEL PRESSURE mb x 10 ⁻¹	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	LOW CLOUD			MIDDLE CLOUD			HIGH CLOUD			DIRECTION OF CLOUD MOVEMENT		MAXIMUM WIND GUST		EXTREME TEMPERATURES					
			DRY BULB	WET BULB	DEW POINT	DIRECTION ° x 10	SPEED kt				Oktas	WW	W	Oktas	C _L	h	C _M	C _H	D _L	D _M	D _H	° x 10	kt	St. miles	Points	MAXIMUM °F	MINIMUM °F		
			°F	°F	°F	°F	°F				Oktas	Oktas	Oktas	Oktas	Oktas	Oktas	Oktas	Oktas	Oktas	Oktas	Oktas	Oktas	Oktas	Oktas	Oktas	Oktas	Oktas		
10	00	9899	39	37	34	27	12	92	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	03	9893	42	41	35	33	17	92	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	06	9883	43	41	39	36	16	95	5	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	09	9875	45	45	45	42	18	98	10	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	12	9866	48	47	47	52	10	92	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	15	9852	47	47	47	52	15	92	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	18	9864	47	46	46	35	24	92	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	21	9868	46	46	46	33	13	93	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
11	00	9859	46	46	46	34	12	92	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	03	9857	46	46	46	34	18	92	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	06	9846	47	47	47	34	18	92	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	09	9849	47	46	46	32	16	95	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	12	9862	45	44	43	29	10	95	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	15	9879	47	44	40	28	12	92	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	18	9894	46	43	39	28	11	92	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	21	9921	44	41	38	30	11	92	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
12	00	9927	44	42	39	51	10	92	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	03	9937	44	42	39	51	14	92	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	06	9969	44	42	39	51	12	92	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	09	9987	46	44	41	51	12	92	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	12	9998	48	44	39	52	14	92	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	15	10009	48	45	41	52	14	92	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	18	10019	46	44	41	52	14	92	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	21	10026	46	44	41	34	17	90	3	0.1	1	3	0	9	7	7	7	7	7	7	7	7	7	7	7	7	7		
13	00	10016	47	45	43	54	21	90	0	0.3	1	9	0	0	9	7	7	7	7	7	7	7	7	7	7	7	7	7	
	03	10015	47	45	45	54	24	93	0	0.5	2	9	0	0	5	4	2	2	2	2	2	2	2	2	2	2	2	2	2
	06	10020	47	47	47	34	24	98	0	0.5	2	9	0	0	5	4	2	2	2	2	2	2	2	2	2	2	2	2	
	09	10032	48	48	48	34	17	94	0	0.5	2	9	0	0	5	4	2	2	2	2	2	2	2	2	2	2	2	2	
	12	10043	48	48	48	33	20	95	0	0.5	2	9	0	0	5	4	2	2	2	2	2	2	2	2	2	2	2	2	
	15	10052	49	49	48	32	20	98	0	0.2	2	9	0	0	5	3	3	3	3	3	3	3	3	3	3	3	3	3	
	18	10056	48	47	47	34	20	98	0	0.1	1	3	0	0	5	3	7	7	7	7	7	7	7	7	7	7	7	7	
	21	10053	49	47	45	34	22	65	2	0.1	1	3	0	0	9	7	7	7	7	7	7	7	7	7	7	7	7	7	
14	00	10047	49	47	46	34	24	74	7	3	1	7	0	9	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	03	10045	49	48	47	34	25	74	7	3	2	7	0	9	5	5	7	7	7	7	7	7	7	7	7	7	7	7	
	06	10050	49	48	48	34	25	74	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	09	10040	50	48	46	34	25	74	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	12	10034	51	47	44	34	23	74	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	15	10052	48	47	47	54	22	72	8	5	0.1	1	1	1	1	1	4	4	4	4	4	4	4	4	4	4	4	4	
	18	10087	46	45	44	23	10	56	0	0.5	2	9	0	0	5	4	2	2	2	2	2	2	2	2	2	2	2	2	2
	21	10144	43	41	38	23	10	56	0	0.5	2	9	0	0	5	4	2	2	2	2	2	2	2	2	2	2	2	2	2
15	00	10154	44	42	39	15	06	58	7	20	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	03	10168	44	42	40	17	10	58	7	20	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	06	10184	45	40	35	14	12	50	3	0.1	1	3	0	0	9	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	09	10196	44	41	37	16	15	52	0.5	0.5	1	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
	12	10196	44	42	39	16	08	54	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	15	10183	45	42	37	12	0.3	52	3	0.1	1	3	0	0	5	4	4	4	4	4	4	4	4	4	4	4	4	4	
	18	10187	43	41	35	0.0	0.0	50	6	0.3	1	3	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
	21	10180	41	39	35	0.0	0.0	40	4	0.1	1	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
16	00	10173	41	39	36	27	0.2	42	4	0.2	1	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	03	10168	42	39	34	27	0.6	40	8	0.3	1	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	06	10181	45	40	29	17	74	8	0.2																				

Results of Surface Observations,
MACQUARIE FEB., 1962

LOCAL STANDARD TIME		TEMPERATURES				SURFACE WIND		CLOUD AMOUNT				DIRECTION OF CLOUD MOVEMENT		MAXIMUM WIND GUST		EXTREME TEMPERATURES											
DAY	HOUR	STATION LEVEL PRESSURE		DRY BULB	WET BULB	DEWPONT	DIRECTION	SPEED	VISIBILITY	PRESENT WEATHER				PAST WEATHER		LOW CLOUD		MIDDLE CLOUD		HIGH CLOUD		ANEMOMETER WIND RUN		PRECIPITATION	MAXIMUM	MINIMUM	
		mb x 10 ⁻²	°F	°F	°F	" x 10	kt	VV	Oktas	ww	ww	ww	ww	Oktas	C _L	h	C _M	C _H	D _L	D _M	D _H	*x10	kt	St.miles	Points	°F	°F
19	00	10098	46	45	46	29	1.3	48	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	6	6	6
	03	10085	46	46	46	29	1.7	32	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4
	06	10089	46	45	45	29	2.5	48	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4
	09	10085	46	45	45	27	2.7	48	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4
	12	10107	48	46	45	27	2.5	65	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4
	15	10123	47	46	45	28	2.2	56	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3
	18	10129	45	45	44	27	2.0	46	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3
20	00	10136	45	45	45	30	1.2	58	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	6	6	6
	03	10131	44	44	44	29	1.6	58	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	5	5	5
	06	10124	46	46	46	51	1.6	58	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	5	5	5
	09	10125	46	46	46	31	1.8	58	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	5	5	5
	12	10112	47	46	45	31	1.6	74	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	5	5	5
	15	10103	47	47	47	52	1.6	74	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	5	5	5
	18	10094	47	47	46	31	1.2	74	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	5	5	5
21	00	10085	47	47	47	31	1.5	66	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	7	7	7
	03	10078	47	47	47	52	1.7	58	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	7	7	7
	06	10079	47	47	47	52	1.0	58	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	5	5	5
	09	10088	45	45	45	17	1.4	45	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4
	12	10084	45	44	44	15	1.5	45	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4
	15	10054	46	46	46	12	1.0	58	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3
	18	10003	47	47	47	14	0.6	35	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3
22	00	9963	50	50	50	36	1.0	58	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	8	8	8
	03	9925	47	47	47	53	1.3	58	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	5	5	5
	06	9914	47	47	47	35	2.4	15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	7	7	7
	09	9912	47	47	47	35	2.7	48	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	12	9891	48	48	48	34	2.9	58	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	15	9872	50	49	48	34	2.3	58	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	18	9859	49	49	49	34	2.7	58	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	00	9835	47	47	47	33	2.1	58	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	7	7	7
	03	9840	45	45	45	32	1.7	48	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	5	5	5
	06	9855	45	43	40	31	2.3	82	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4
	09	9867	46	43	39	31	2.6	82	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4
	12	9879	46	44	41	32	2.4	84	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4
	15	9893	44	42	39	32	2.3	80	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4
	18	9899	43	42	41	31	2.8	80	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4
24	00	9925	43	42	41	31	2.3	74	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	7	7	7
	03	9932	43	42	40	31	2.3	80	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	7	7	7
	06	9951	42	41	40	29	2.4	74	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	6	6	6
	09	9997	44	43	41	31	2.6	74	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	7	7	7
	12	10033	45	44	42	31	2.1	66	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	7	7	7
	15	10061	47	45	43	29	2.1	66	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	7	7	7
	18	10086	46	45	44	31	1.7	66	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	7	7	7
25	00	10105	47	46	45	33	1.7	65	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	7	7	7
	03	10097	47	46	45	34	1.6	65	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	7	7	7
	06	10082	47	46	45	36	1.2	82	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	7	7	7
	09	10063	48	47	46	36	1.7	82	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	7	7	7
	12	10028	49	48	47	36	1.9	74	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	7	7	7
	15	9977	49	48	47	36	2.6	74	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	7	7	7
	18	9941	47	46	46	33	2.7	48	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	7	7	7
26	00	9998	46	45	44	33	2.2	58	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	7	7	7
	03	9873	45	44	42	32	2.0	56	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	6	6	6
	06	9875	45	43	40	32	1.7	74	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	6	6	6
	09	9870	46	44	41	32	1.6	80	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	6	6	6
	12	9869	44	42	40	28	1.4	80	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	6	6	6
	15	9883	46	43	39	29	1.5	80	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	6	6	6
	18	9901	44	41	37	29	1.9	80	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	6	6	6
	21	9925	43	41	37	29	1.9	48	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	6	6	6
27	00	9965	42	39	34	27	28	80	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	
	03	9997																									

Results of Surface Observations,
MACQUARIE FEB., 1962

DAY	HOUR	STATION LEVEL PRESSURE $\text{mb} \times 10^{-1}$	LOCAL STANDARD TIME		TEMPERATURES			SURFACE WIND		VISIBILITY Oktas	PRESENT WEATHER Oktas	PAST WEATHER Oktas	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			EXTREME TEMPERATURES		
			DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION ° x 10	KT	SPEED kt	CLOUD AMOUNT C _L				C _M	C _H	D _L	D _M	D _H	DIRECTION ° x 10	KT	SPEED kt	ANEMOMETER WIND RUN St.miles	PRECIPITATION Points	MAXIMUM °F	MINIMUM °F
28	0 0	1 0 0 2 2	4 7	4 7	4 6	3 1	2 3	4 8	5 0	7	7	7	7	7	7	7	7	3 1	3 0	5 5 9	0 0 0 3	4 9	4 5	
	0 3	1 0 0 3 3	4 7	4 6	4 6	3 1	2 1	5 2	5 0															
	0 6	1 0 0 4 6	4 6	4 6	4 6	3 1	1 7	5 0	5 0															
	0 9	1 0 0 5 4	4 6	4 6	4 6	3 1	1 7	5 0	5 0															
	1 2	1 0 0 5 2	4 7	4 7	4 6	3 2	1 6	4 8	5 0															
	1 5	1 0 0 4 4	4 7	4 7	4 6	3 1	2 0	4 8	5 0															
	1 8	1 0 0 4 5	4 7	4 7	4 7	3 1	2 1	4 8	5 0															
	2 1	1 0 0 5 0	4 7	4 6	4 5	3 1	2 1	4 8	5 0															

Results of Surface Observations,
MACQUARIE MARCH, 1962

LOCAL STANDARD TIME		STATION LEVEL PRESSURE mb x 10 ⁻¹	TEMPERATURES			SURFACE WIND			VISIBILITY			CLOUD AMOUNT			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			EXTREME TEMPERATURES							
DAY	HOUR		DRY BULB °F	WET BULB °F	DEWP POINT °F	DIRECTION °x 10	SPEED KT	VV	OKtas	WW	OKtas	CLOUD TYPE	LOW CLOUD D _L	MIDDLE CLOUD D _M	HIGH CLOUD D _H	LOW SPEED KT	MIDDLE SPEED KT	HIGH SPEED KT	Anemometer Wind Run St. miles	PRECIPITATION Points	MAXIMUM °F	MINIMUM °F						
01	00	10039	46	46	46	33	10	32	2	2	2	7	7	7	7	7	7	7	7	7	498	0002	49	46				
03		10024	47	47	47	34	11	32	2	2	2	7	7	7	7	7	7	7	7	7								
06		10020	47	47	47	34	11	32	2	2	2	7	7	7	7	7	7	7	7	7								
09		10011	48	47	46	34	11	32	2	2	2	7	7	7	7	7	7	7	7	7								
12		9989	48	47	46	35	11	32	2	2	2	7	7	7	7	7	7	7	7	7								
15		9954	48	47	46	35	11	32	2	2	2	7	7	7	7	7	7	7	7	7								
18		9905	48	48	48	31	23	50	2	2	2	7	7	7	7	7	7	7	7	7								
21		9871	49	49	49	36	24	50	2	2	2	7	7	7	7	7	7	7	7	7								
02	00	9857	48	47	47	35	22	48	2	2	2	50	50	50	50	50	50	50	50	50	36	36	498	0002	49	46		
03		9859	47	45	46	39	23	55	2	2	2	51	51	51	51	51	51	51	51	51	7	7						
06		9852	45	44	43	39	21	55	2	2	2	51	51	51	51	51	51	51	51	51	7	7						
09		9921	45	43	42	31	15	55	2	2	2	51	51	51	51	51	51	51	51	51	7	7						
12		9944	47	45	43	33	09	74	2	2	2	51	51	51	51	51	51	51	51	51	9	9						
15		9953	47	45	43	34	10	65	2	2	2	51	51	51	51	51	51	51	51	51	7	7						
18		9958	45	45	43	35	10	65	2	2	2	51	51	51	51	51	51	51	51	51	7	7						
21		9958	46	45	43	35	14	65	2	2	2	51	51	51	51	51	51	51	51	51	7	7						
03	00	9947	46	45	44	01	06	90	2	2	2	52	52	52	52	52	52	52	52	52	7	7	32	35	505	0002	49	43
03		9928	47	47	47	01	08	98	2	2	2	52	52	52	52	52	52	52	52	52	7	7						
06		9918	47	47	47	02	09	98	2	2	2	52	52	52	52	52	52	52	52	52	7	7						
09		9908	48	47	46	04	05	95	2	2	2	52	52	52	52	52	52	52	52	52	7	7						
12		9879	47	47	46	34	03	92	2	2	2	52	52	52	52	52	52	52	52	52	7	7						
15		9873	48	45	42	27	10	74	2	2	2	52	52	52	52	52	52	52	52	52	7	7						
18		9887	45	43	41	27	10	80	2	2	2	52	52	52	52	52	52	52	52	52	7	7						
21		9899	43	42	40	29	07	80	2	2	2	52	52	52	52	52	52	52	52	52	7	7						
04	00	9896	44	43	41	31	09	82	1	1	1	52	52	52	52	52	52	52	52	52	7	7	7	7				
03		9894	43	43	42	31	09	82	1	1	1	52	52	52	52	52	52	52	52	52	7	7						
06		9889	44	43	42	34	14	82	1	1	1	52	52	52	52	52	52	52	52	52	7	7						
09		9878	46	44	41	35	19	80	1	1	1	52	52	52	52	52	52	52	52	52	7	7						
12		9832	46	45	46	36	23	48	1	1	1	52	52	52	52	52	52	52	52	52	7	7						
15		9834	45	43	40	31	21	63	1	1	1	52	52	52	52	52	52	52	52	52	7	7						
18		9852	45	42	38	31	23	74	1	1	1	52	52	52	52	52	52	52	52	52	7	7						
21		9865	44	43	42	32	24	55	1	1	1	52	52	52	52	52	52	52	52	52	7	7						
05	00	9858	44	42	39	31	26	90	4	4	4	50	50	50	50	50	50	50	50	50	7	7	7	7				
03		9857	44	43	41	32	25	80	3	3	3	51	51	51	51	51	51	51	51	51	7	7						
06		9868	45	43	40	31	28	80	3	3	3	51	51	51	51	51	51	51	51	51	7	7						
09		9892	46	44	41	31	23	82	3	3	3	51	51	51	51	51	51	51	51	51	7	7						
12		9920	46	43	39	30	25	82	3	3	3	51	51	51	51	51	51	51	51	51	7	7						
15		9936	47	41	40	31	26	82	3	3	3	51	51	51	51	51	51	51	51	51	7	7						
18		9959	44	41	37	30	20	80	3	3	3	51	51	51	51	51	51	51	51	51	7	7						
21		9980	42	41	39	32	13	55	3	3	3	51	51	51	51	51	51	51	51	51	7	7						
06	00	9979	43	41	39	31	07	74	2	2	2	52	52	52	52	52	52	52	52	52	7	7	7	7				
03		9973	44	41	41	08	74	2	2	2	52	52	52	52	52	52	52	52	52	52	7	7						
06		9973	43	42	40	05	01	74	2	2	2	52	52	52	52	52	52	52	52	52	7	7						
09		9954	44	43	42	12	02	74	2	2	2	52	52	52	52	52	52	52	52	52	7	7						
12		9975	43	42	41	20	03	74	2	2	2	52	52	52	52	52	52	52	52	52	7	7						
15		9996	45	42	38	29	03	74	2	2	2	52	52	52	52	52	52	52	52	52	7	7						
18		10012	43	41	39	29	05	74	2	2	2	52	52	52	52	52	52	52	52	52	7	7						
21		10028	44	40	30	32	06	74	2	2	2	52	52	52	52	52	52	52	52	52	7	7						
07	00	10016	45	44	43	36	10	74	2	2	2	52	52	52	52	52	52	52	52	52	7	7	7	7				
03		9994	45	44	44	56	14	74	2	2	2	52	52	52	52	52	52	52	52	52	7	7						
06		9995	45	43	42	21	04	74	2	2	2	52	52	52	52	52	52	52	52	52	7	7						
09		10013	45	43	40	51	07	74	2	2	2	52	52	52	52	52	52	52	52	52	7	7						
12		10026	45	45	43	21	04	74	2	2	2	52	52	52	52	52	52	52	52	52	7	7						
15		10059	47	44	40	50	10	74	2	2	2	52	52	52	52	52	52	52	52	52	7	7						
18		10055	43	41	37	29	11	74	2	2	2	52	52	52	52	52	52	52	52	52	7	7						
21		10081	43	39	30	06	06	74	2	2	2	52	52	52	52	52	52	52	52	52	7	7						
08	00	10101	42	40	38	24	03	80	3	3	3	52	52	52	52	52	52	52	52	52	7	7	32	30	277	0021	48	41
03		10121	41	39	36	25	07	80	3	3	3	52	52	52	52	52	52	52	52	52	7	7						
06		10150	42	39	34	19	07	80	3	3	3	52	52	52	52	52	52	52	52	52	7	7						
09		10181	40	36	32	18	12	80	3	3	3	52	52	52	52	52	52	52	52	52	7	7						
12		10202	43	41	37	18	12	80	3	3	3	52	52	52	52	52	52	52	52	52	7	7				</td		

Results of Surface Observations,
MACQUARIE MARCH, 1962

LOCAL STANDARD TIME	DAY	HOUR	TEMPERATURES				SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER		LOW CLOUD		DIRECTION OF CLOUD MOVEMENT		MAXIMUM WIND GUST	ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES							
			STATION LEVEL PRESSURE		DRY BULB	WET BULB	DEW POINT	DIRECTION			PAST WEATHER		AMOUNT	TYPE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	St.miles	Points	MAXIMUM	MINIMUM		
			mb x 10 ⁻³	°F	°F	°F	°F	°x 10	kt	VV	Oktas	ww	W	Oktas	C _L	h	C _M	C _H	D _L	D _M	D _H	°x 10	kt				
10	00	10118	45	42	38	31	05	R0	B	02	2	8	5	5	4	4	7	8	8	8	8	8	8	8	49	43	
	03	10095	45	43	40	36	07	R0	B	02	2	8	5	5	4	4	7	7	7	7	7	7	7	7			
	06	10098	45	44	43	34	07	16	R	50	5	5	5	5	5	5	5	5	5	5	5	5	5				
	09	10090	44	44	43	36	06	66	R	50	5	5	5	5	5	5	5	5	5	5	5	5	5				
	12	10086	47	45	44	34	01	66	R	02	5	1	6	0	5	4	4	4	7	7	7	7	7				
	15	10086	47	45	44	31	04	R0	3	01	2	3	5	5	4	4	4	4	6	6	6	6	6				
	18	10091	47	45	43	18	02	R2	4	03	1	4	8	4	4	4	4	4	6	6	6	6	6				
	21	10103	44	43	40	22	04	74	8	05	2	8	5	5	4	4	4	4	6	6	6	6	6				
																			36	22	0.97	0.002	49	43			
11	00	10101	43	41	39	19	02	74	8	02	2	8	5	4	4	4	4	4	9	9	9	9	9	9	9	38	
	03	10094	41	39	36	22	02	74	4	01	1	4	5	4	4	4	4	4	7	7	7	7	7	7	7		
	06	10091	40	38	35	00	00	82	1	01	1	1	5	4	4	4	4	4	7	7	7	7	7	7	7		
	09	10091	45	42	38	00	00	82	1	02	0	1	0	0	0	0	0	0	3	3	3	3	3	3	3		
	12	10083	47	45	41	34	08	84	1	02	0	1	0	0	0	0	0	0	6	6	6	6	6	6	6		
	15	10089	49	47	45	27	07	74	7	03	1	7	5	3	3	3	3	3	6	6	6	6	6	6	6		
	18	10100	47	45	45	27	06	58	8	03	2	8	5	3	3	3	3	3	9	9	9	9	9	9	9		
	21	10106	47	46	45	00	00	58	8	02	2	8	5	3	3	3	3	3	7	7	7	7	7	7	7		
																			27	17	0.69	0.001	50	38			
12	00	10111	45	44	44	18	05	48	8	02	2	8	6	1	1	1	1	1	9	9	9	9	9	9	9		
	03	10115	44	44	44	18	05	58	8	02	2	8	6	1	1	1	1	1	9	9	9	9	9	9	9		
	06	10114	42	42	42	00	00	32	8	02	50	5	5	5	5	5	5	5	5	9	9	9	9	9	9		
	09	10120	43	43	43	00	00	58	5	01	1	5	5	5	5	5	5	5	7	7	7	7	7	7	7		
	12	10099	44	44	45	32	09	88	5	02	42	4	5	5	5	5	5	5	5	7	7	7	7	7	7		
	15	10089	45	44	45	32	14	16	8	03	43	4	5	5	5	5	5	5	5	7	7	7	7	7	7		
	18	10079	45	44	44	33	17	58	8	02	2	8	5	5	5	5	5	5	5	7	7	7	7	7	7		
	21	10073	45	45	45	00	00	58	8	02	43	4	8	5	5	5	5	5	5	5	5	5	5	5	5		
																			31	22	0.85	0.001	46	41			
13	00	10057	45	45	45	33	11	56	8	02	2	8	6	3	3	3	3	3	9	9	9	9	9	9	9		
	03	10042	45	45	45	34	12	16	R	51	5	5	5	5	5	5	5	5	9	9	9	9	9	9	9		
	06	10026	46	46	46	35	11	15	8	02	50	5	5	5	5	5	5	5	9	9	9	9	9	9	9		
	09	10030	43	43	42	25	17	56	8	02	20	5	5	5	5	5	5	5	5	9	9	9	9	9	9		
	12	10039	45	42	42	27	19	84	3	01	1	2	5	4	4	4	4	4	7	7	7	7	7	7	7		
	15	10028	46	45	44	31	23	56	8	03	2	2	5	4	4	4	4	4	6	6	6	6	6	6	6		
	18	10043	44	41	41	27	21	60	6	01	2	2	5	4	4	4	4	4	6	6	6	6	6	6	6		
	21	10054	44	44	44	27	21	62	8	01	2	2	5	4	4	4	4	4	6	6	6	6	6	6	6		
																			27	38	3.08	0.013	47	41			
14	00	10051	41	39	36	24	15	80	2	02	2	8	2	2	2	2	2	2	6	6	6	6	6	6	6		
	03	10054	42	40	37	27	15	74	5	02	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6		
	06	10073	42	39	34	25	09	80	4	01	1	4	5	4	4	4	4	4	6	6	6	6	6	6	6		
	09	10093	44	41	37	26	09	80	7	02	50	2	7	6	4	4	4	4	7	7	7	7	7	7	7		
	12	10128	46	42	36	25	09	80	3	01	1	3	5	4	4	4	4	4	6	6	6	6	6	6	6		
	15	10150	45	41	34	27	15	82	2	01	2	2	1	4	4	4	4	4	6	6	6	6	6	6	6		
	18	10171	44	41	37	27	12	82	5	03	1	3	5	4	4	4	4	4	6	6	6	6	6	6	6		
	21	10182	45	44	43	28	14	58	8	02	50	5	5	5	5	5	5	5	5	6	6	6	6	6	6		
																			27	31	2.70	0.003	47	41			
15	00	10182	45	45	45	28	16	48	8	02	5	5	5	5	5	5	5	5	3	3	3	3	3	3	3		
	03	10190	45	45	45	25	09	48	8	02	5	5	5	5	5	5	5	5	3	3	3	3	3	3	3		
	06	10204	45	45	45	25	09	58	8	02	5	5	5	5	5	5	5	5	3	3	3	3	3	3	3		
	09	10209	45	45	44	29	16	58	8	02	5	5	5	5	5	5	5	5	3	3	3	3	3	3	3		
	12	10212	46	45	45	27	17	66	8	02	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4		
	15	10206	46	45	45	29	14	74	8	02	5	5	5	5													

Results of Surface Observations,
MACQUARIE MARCH 1962

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	LOW CLOUD	MIDDLE CLOUD	HIGH CLOUD	DIRECTION	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM		
		mb x 10 ⁻¹	°F	°F	°F	°F x 10	°F	ft	ft	Oktas	WW	W	Oktas	Oktas	Oktas	LOW	MIDDLE	HIGH	kt	St.miles	Points	°F
19	00	9983	44	43	42	29	17	65	B	0.2	sun	sun	5	4	4	7						
	03	9979	44	43	42	29	17	65	B	0.2	sun	sun	5	4	4	7						
	06	9975	44	43	41	30	11	74	B	0.2	sun	sun	5	4	4	7						
	09	9964	45	44	42	33	15	80	B	0.2	sun	sun	5	4	4	7						
	12	9944	45	43	39	31	18	80	B	0.2	sun	sun	5	4	4	7						
	15	9917	45	41	38	31	17	66	B	0.2	sun	sun	5	4	4	7						
	18	9890	43	43	42	34	11	58	B	0.2	sun	sun	5	4	4	7						
20	21	9862	45	45	44	34	11	58	B	0.2	sun	sun	5	4	4	7						
	00	9808	45	44	44	33	16	58	B	0.2	sun	sun	5	4	4	7						
	03	9786	44	43	41	31	16	74	B	0.2	sun	sun	5	4	4	7						
	06	9795	43	42	41	28	20	49	B	0.2	sun	sun	5	4	4	7						
	09	9806	42	41	40	29	22	32	B	0.2	sun	sun	5	4	4	6						
	12	9857	41	39	38	23	15	40	B	0.2	sun	sun	5	4	4	6						
	15	9908	41	39	36	22	07	50	B	0.2	sun	sun	5	4	4	6						
21	18	9927	40	38	35	24	11	50	B	0.2	sun	sun	5	4	4	5						
	21	9954	38	37	35	25	11	74	B	0.2	sun	sun	5	4	4	5						
	00	9976	40	38	35	27	14	80	B	0.2	sun	sun	2	4	4	6						
	03	9974	43	41	37	30	16	74	B	0.2	sun	sun	5	4	4	6						
	06	9953	43	40	41	28	17	61	B	0.2	sun	sun	5	3	3	6						
	09	9983	44	43	41	27	22	63	B	0.2	sun	sun	5	3	3	6						
	12	10003	44	43	41	27	19	63	B	0.2	sun	sun	5	3	3	6						
21	15	10015	45	44	42	27	11	80	B	0.2	sun	sun	5	4	4	6						
	18	10015	44	43	42	30	10	80	B	0.2	sun	sun	5	4	4	6						
	21	10013	44	43	43	32	10	66	B	0.2	sun	sun	5	4	4	6						
	00	9976	40	38	35	27	14	80	B	0.2	sun	sun	5	4	4	6						
	03	9974	43	41	37	30	16	74	B	0.2	sun	sun	5	4	4	6						
	06	9953	43	40	41	28	17	61	B	0.2	sun	sun	5	3	3	6						
	09	9983	44	43	41	27	22	63	B	0.2	sun	sun	5	3	3	6						
22	12	9896	46	45	43	28	23	56	B	0.2	sun	sun	1	4	4	7						
	15	9886	46	45	43	27	21	56	B	0.2	sun	sun	1	4	4	7						
	18	9876	41	39	36	32	28	53	B	0.2	sun	sun	1	4	4	7						
	21	9887	42	40	37	32	48	58	B	0.2	sun	sun	1	4	4	7						
	00	9976	44	42	40	32	13	74	B	0.2	sun	sun	5	4	4	7						
	03	9985	44	43	42	34	16	80	B	0.2	sun	sun	5	4	4	7						
	06	9934	45	45	45	36	17	58	B	0.2	sun	sun	5	3	3	8						
23	09	9886	47	47	47	35	23	56	B	0.2	sun	sun	1	4	4	8						
	12	9896	46	45	43	32	25	56	B	0.2	sun	sun	1	4	4	8						
	15	9886	46	45	43	32	30	74	B	0.2	sun	sun	1	4	4	8						
	18	9876	41	39	36	32	43	58	B	0.2	sun	sun	1	4	4	8						
	21	9936	47	45	45	34	39	48	B	0.2	sun	sun	1	4	4	8						
	00	9929	43	40	35	30	36	65	B	0.2	sun	sun	5	4	4	7						
	03	9974	43	40	35	29	30	80	B	0.2	sun	sun	5	4	4	7						
24	06	10000	45	44	43	30	29	56	B	0.2	sun	sun	5	4	4	7						
	09	10028	46	45	43	31	29	56	B	0.2	sun	sun	5	4	4	7						
	12	10033	46	45	43	30	25	58	B	0.2	sun	sun	5	4	4	7						
	15	10016	46	45	44	32	28	58	B	0.2	sun	sun	5	4	4	7						
	18	9977	46	45	45	34	31	58	B	0.2	sun	sun	5	4	4	7						
	21	10083	40	36	26	27	22	82	B	0.1	sun	sun	5	4	4	7						
	00	9953	45	43	40	31	30	80	B	0.1	sun	sun	5	4	4	7						
25	03	9959	45	43	40	31	25	80	B	0.1	sun	sun	5	4	4	6						
	06	9961	43	42	41	31	31	74	B	0.1	sun	sun	5	4	4	6						
	09	9977	43	43	41	31	26	74	B	0.1	sun	sun	5	4	4	6						
	12	9991	44	43	41	30	26	66	B	0.1	sun	sun	5	4	4	6						
	15	10010	44	42	40	29	30	25	B	0.1	sun	sun	5	4	4	6						
	18	10050	39	38	36	25	17	74	B	0.1	sun	sun	5	4	4	6						
	21	10083	40	36	26	27	20	10	B	0.1	sun	sun	5	4	4	6						
26	00	10110	40	37	33	29	16	82	B	0.1	sun	sun	5	4	4	5						
	03	10104	41	39	34	31	12	80	B	0.1	sun	sun	5	4	4	5						
	06	10091	42	39	34	30	00	48	B	0.1	sun	sun	5	4	4	5						
	09	10069	39	38	39	00	16	77	B	0.1	sun	sun	5	4	4	5						
	12	10024	38	38	38	16	17	55	B	0.1	sun	sun	5	4	4	5						
	15	10054	39	38	37	17	25	74	B	0.1	sun	sun	5	4	4	5						
	18	10096	38	35	39	20	10	80	B	0.1	sun	sun	5	4	4	5						
27	21	10132	38	37	34	20	10	80	B	0.1	sun	sun	5	4	4	5						
	00	10150	39	37	32	29	17	82	B	0.1	sun	sun	5	4	4	5						
	03	10151	39	36	32	25	09	82	B	0.1	sun	sun	5	4	4	5						
	06	10181	39	36	32	27	10	82	B	0.1	sun	sun	5	4	4	5						
	09	10197	41	38	33	28	09	82	B	0.1	sun	sun	5	4	4	5						
	12	10182	42	39	34	33	06	82	B	0.1	sun	sun	5	4	4	5						
	15	10157	41	37	32	29	09	82	B	0.1	sun	sun	5	4	4	5						
27	18	10113	42	38	30	36	08	82	B	0.1	sun	sun	5	4	4	5						
	21	10081	41	39	36	02	12	65	B	0.1	sun	sun	5	4	4	5						
	00	10012	43	42	41	04	14	58	B	0.1	sun	sun	5	4	4	5						
	03	9973	45	44	43	04	26	58	B	0.1	sun	sun	5	4	4	5						
	06	9965	46	45	45	31	14	32	B	0.1	sun	sun	5	4	4	5						
	09	9984	44	43	43	28	20	58	B	0.1	sun	sun	5	4	4	5						
	12	10014	43	40	37	27	26	74	B	0.1	sun	sun	5	4	4	5			</td			

Results of Surface Observations,
MACQUARIE MARCH, 1962

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	PRESENT WEATHER	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST	ANEMOMETER WIND RUN	EXTREME TEMPERATURES			
DAY	HOUR		DRY BULB °F	WET BULB °F	Dew Point °F	Direction °x 10	Speed kt			C _L h	C _M M	C _H H	D _L Low	D _M Middle	D _H High	Direction °x 10	Speed kt			Points	MAXIMUM °F	MINIMUM °F
			mb x 10 ⁻¹	°F	°F	°F															
28	00	10063	44	43	42	33	22	80	7	0 1			7								
	03	10058	45	45	44	34	22	82	7	0 1 2			7								
	06	10059	45	44	44	31	24	80	7	0 1 2			7								
	09	10053	46	45	44	35	24	80	7	0 1 2			7								
	12	10047	47	46	46	32	21	74	8	0 2 2			7								
	15	10040	46	46	46	32	18	0 4 8	8	0 3 9			7								
	18	10032	45	45	45	33	15	0 3 8	8	0 4 5			9								
	21	10008	45	45	45	34	14	0 3 8	8	0 4 5			9								
	00	9953	45	45	45	30	0 7	48	8	61	5	8	7	2							
	03	9 85	47	47	47	33	16	32	8	61	5	8	7	2							
	06	9 879	47	47	47	30	30	32	8	50	5	8	7	1							
29	09	9 930	46	46	46	30	17	0 2 8	8	47	5	8	6	0							
	12	9 969	44	43	42	28	0 8	65	8	0 2	4	8	5	3							
	15	9 983	43	42	41	25	0 8	74	7	0 2	2	7	5	4							
	18	10009	43	42	41	27	0 6	74	8	14	2	8	5	4							
	21	10018	43	42	40	25	0 5	66	8	0 2	2	8	5	4							
	00	10026	41	40	39	0 0	0 0	74	5	0 1	1	5	5	4							
	03	10029	41	41	40	0 0	0 0	74	7	0 3	2	7	5	4							
	06	10028	42	40	37	0 0	0 0	74	7	0 2	2	7	5	4							
	09	10017	44	43	41	36	0 4	80	7	0 2	2	7	5	4							
	12	9 995	44	43	41	0 1	0 5	80	8	0 2	2	8	5	5							
	15	9 966	45	45	45	35	0 5	0 3	8	47	2	8	5	5							
30	18	9 940	45	45	45	36	15	48	8	0 1	4	8	5	2							
	21	9 940	46	46	45	33	22	0 8	8	60	5	8	2	2							
	00	9 944	45	45	45	32	21	74	3	0 1	1	5	5	4							
	03	9 965	45	43	42	32	25	80	3	0 2	2	8	5	4							
	06	10 009	43	41	38	31	92	2	0 1	0 2	2	8	2	4							
	09	10 040	44	42	39	30	33	80	4	0 3	1	4	9	4							
	12	10 097	43	42	39	30	29	74	6	80	8	6	9	4							
	15	10 142	44	42	39	28	23	80	5	0 1	1	5	1	4							
	18	10 179	44	41	39	29	20	80	2	0 1	0 2	2	1	4							
	21	10 200	43	42	40	30	20	80	1	0 1	0 2	2	1	4							

Results of Surface Observations,
MACQUARIE APRIL, 1962

LOCAL STANDARD TIME		STATION LEVEL PRESSURE				TEMPERATURES			SURFACE WIND			VISIBILITY												DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		EXTREME TEMPERATURES		
DAY	HOUR	mb $\times 10^{-1}$	DRY BULB °F	WET BULB °F	Dew Point °F	Direction °x 10	Speed kt	VV	Oktas	WW	Present Weather	Past Weather	Cloud Amount	Low Cloud	Middle Cloud	High Cloud	Direction of Cloud Movement	Low Wind Speed = x 10 kt	Middle Wind Speed = x 10 kt	High Wind Speed = x 10 kt	Anemometer Wind Run miles	Points	Maximum Wind Speed = x 10 kt	Minimum Wind Speed = x 10 kt							
													C _L	C _M	C _H	D _L	D _M	D _H													
01	00	10204	44	43	43	51	18	80	1	12	0	1	1	5	7	7	7														
	03	10197	44	44	44	54	23	74	2	12	1	2	1	5	7	7	7														
	06	10158	45	45	44	54	26	82	4	13	1	2	1	5	7	7	7														
	09	10138	46	46	45	54	26	82	7	13	1	7	5	4	2																
	12	10084	47	46	45	54	34	80	8	13	2	5	5	4																	
	15	10047	46	46	46	56	35	48	9	52	6	9	5	3																	
	18	10071	43	42	41	28	17	63	8	02	6	9	5	3																	
	21	10109	43	41	38	17	80	0	3	01	1	3	5	4																	
02	00	10130	42	39	34	27	22	80	2	01	9	2	1	5																	
	03	10160	41	39	36	27	23	80	1	01	0	1	1	5																	
	06	10183	42	39	36	27	17	82	5	01	0	3	1	5																	
	09	10198	44	41	38	27	22	82	3	02	0	3	1	5																	
	12	10200	46	45	39	29	26	82	7	03	1	7	8	5																	
	15	10202	45	44	42	32	17	80	7	02	2	7	8	5																	
	18	10198	44	43	42	52	19	80	3	03	1	5	0	9	5																
	21	10188	44	44	35	17	80	0	2	01	0	2	0	9	5																
03	00	10169	45	45	44	54	23	80	5	02	0	5	0	9	3																
	03	10124	46	45	43	54	26	80	5	03	1	5	5	5																	
	06	10109	46	45	44	54	26	80	5	03	2	5	7	3	2																
	09	10086	46	45	44	55	31	74	6	0	50	6	3	7	5	2															
	12	10056	46	46	45	55	31	58	8	61	6	3	7	3	2																
	15	10021	46	46	46	55	34	32	61	6	4	7	3	2																	
	18	9998	46	46	46	35	34	32	63	5	5	8	8	7	3																
	21	9972	47	47	35	34	32	61	6	8	7	3																			
04	00	9950	47	47	47	56	53	32	8	53	6	8	7	3																	
	03	9959	45	43	43	27	16	32	8	63	7	3	7	3																	
	06	9984	42	42	42	32	08	58	8	02	5	5	7	2	2																
	09	10003	43	41	38	32	07	66	8	02	2	5	7	2	2																
	12	10016	43	42	41	32	14	74	8	02	2	1	7	2	1																
	15	10033	43	43	42	29	11	80	7	21	5	2	2	4	1																
	18	10069	42	40	37	26	10	80	3	01	1	1	1	3	0	1															
	21	10106	41	40	38	23	07	82	1	01	0	1	1	4																	
05	00	10130	39	38	36	23	04	80	1	02	0	1	1	4																	
	03	10152	40	38	35	24	05	80	1	02	0	1	1	4																	
	06	10159	40	38	35	29	03	80	8	03	2	8	5	4																	
	09	10169	41	38	36	00	82	7	01	2	7	8	4																		
	12	10145	42	39	36	27	09	82	7	02	2	7	5	4																	
	15	10130	42	38	29	11	82	7	02	2	7	5	5																		
	18	10114	42	41	38	29	17	82	7	02	2	7	5	5																	
	21	10095	42	42	29	18	58	8	50	2	8	5	3																		
06	00	10094	43	43	43	28	15	32	8	50	5	8	6	1																	
	03	10093	41	39	36	25	07	66	8	02	2	8	5	3																	
	06	10105	41	39	36	20	05	80	8	02	2	8	5	4																	
	09	10121	41	39	37	23	07	80	7	01	2	7	5	4																	
	12	10129	43	41	38	29	10	80	7	02	2	7	5	4																	
	15	10124	43	43	42	29	07	82	7	02	2	7	8	4																	
	18	10123	43	43	43	29	14	32	8	10	2	8	6	3																	
	21	10123	43	43	30	17	32	8	50	2	8	6	2																		
07	00	10109	43	43	31	23	58	8	02	5	8	6	2																		
	03	10082	44	44	44	31	21	66	8	02	5	8	6	3																	
	06	10041	45	44	44	32	22	58	8	02	5	8	6	3																	
	09	10013	45	45	45	23	16	68	8	02	2	8	6	3																	
	12	9989	45	45	45	32	26	16	68	50	5	6	6	3																	
	15	9949	46	45	44	32	28	66	8	02	2	7	6	3																	
	18	9915	45	45	40	32	30	74	7	01	2	7	5	4																	
	21	9897	44	42	38	31	32	8	60	6	8	5	4																		
08	00	9877	43	41	38	30	27	80	4	01	8	4	8	4																	
	03	9869	42	39	31	30	31	80	8	03	2	8	8	4																	
	06	9870	41	38	33	31	37	82	3	01	1	3	8	4																	
	09	9871	42	39	34	31	30	82	4	03	1	3	8	4																	
	12	9887	42	39	34	30	24	80	5	25	8	4	2	4																	
	15	9902	40	39	37	29	22	66	8	02	80</td																				

Results of Surface Observations,
MACQUARIE APRIL, 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE mb $\times 10^{-1}$	TEMPERATURES			SURFACE WIND		VISIBILITY VV	CLOUD AMOUNT Okta	PRESENT WEATHER ww	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST kt	EXTREME TEMPERATURES						
				DRY BULB °F	WET BULB °F	DEWPNT °F	DIRECTION °x 10	SPEED kt				PAST WEATHER Amount	Type	Base	LOW CLOUD CL	MIDDLE CLOUD CM	HIGH CLOUD CH	LOW D _L	MIDDLE D _M	HIGH D _H	DIRECTION OF WIND °x 10	AMMOMETER WIND RUN Smiles	PRECIPITATION Points	MAXIMUM °F	MINIMUM °F
															D _L	D _M	D _H								
10	00	9987	43	41	40	29	22	5	8	9	12	5	2	5	3	4	4	6	6	6	6	6	6		
	03	9970	43	43	42	29	26	7	4	8	12	5	2	5	5	5	5	6	6	6	6	6	6		
	06	9945	43	42	41	29	33	4	8	8	50	5	2	5	5	5	5	6	6	6	6	6	6		
	09	9999	43	42	41	31	35	5	8	8	50	5	2	5	5	5	5	6	6	6	6	6	6		
	12	9835	43	43	42	31	42	3	2	8	50	5	2	5	5	5	5	6	6	6	6	6	6		
	15	9807	42	41	39	30	31	6	6	6	25	5	2	4	4	4	4	6	6	6	6	6	6		
	18	9797	40	39	37	29	35	3	2	8	80	5	2	5	5	5	5	6	6	6	6	6	6		
11	21	9798	40	39	37	29	28	7	4	5	01	2	2	2	2	2	2	6	6	6	6	6	6		
	00	9793	41	39	33	29	35	8	0	7	13	8	7	2	4	4	4	6	6	6	6	6	6		
	03	9791	41	30	36	29	23	6	5	8	12	2	2	2	2	2	2	6	6	6	6	6	6		
	06	9763	40	30	37	27	19	6	3	8	12	2	2	2	2	2	2	6	6	6	6	6	6		
	09	9772	39	37	37	29	17	4	8	8	68	7	5	7	4	4	4	6	6	6	6	6	6		
	12	9766	39	39	38	29	17	5	8	8	80	7	5	7	4	4	4	6	6	6	6	6	6		
	15	9795	37	36	34	20	08	6	5	6	83	8	4	2	2	2	2	6	6	6	6	6	6		
12	18	9826	38	35	30	20	06	20	0	5	02	9	5	2	2	2	2	6	6	6	6	6	6		
	21	9859	37	34	29	26	14	3	0	1	01	2	2	2	2	2	2	6	6	6	6	6	6		
	00	9868	35	34	32	27	25	8	6	7	85	7	2	4	4	4	4	6	6	6	6	6	6		
	03	9856	38	36	32	29	18	8	0	2	11	1	2	2	2	2	2	6	6	6	6	6	6		
	06	9849	37	36	34	29	18	8	0	3	85	8	5	2	4	4	4	6	6	6	6	6	6		
	09	9842	37	35	35	29	22	8	0	7	25	2	2	2	2	2	2	6	6	6	6	6	6		
	12	9824	39	38	36	31	17	8	0	7	16	2	2	2	2	2	2	6	6	6	6	6	6		
13	15	9824	38	37	35	25	21	8	5	7	58	7	7	2	2	2	2	6	6	6	6	6	6		
	18	9827	39	37	34	27	18	8	0	7	18	2	2	2	2	2	2	6	6	6	6	6	6		
	21	9839	38	35	31	25	07	8	0	3	02	3	3	2	2	2	2	6	6	6	6	6	6		
	00	9849	38	35	30	27	09	8	0	4	02	3	4	2	2	2	2	6	6	6	6	6	6		
	03	9860	36	35	34	27	20	02	6	6	86	8	5	2	4	4	4	6	6	6	6	6	6		
	06	9849	38	36	33	29	12	8	0	3	85	8	5	2	4	4	4	6	6	6	6	6	6		
	09	9858	39	37	34	29	06	8	2	6	82	6	3	1	3	2	2	6	6	6	6	6	6		
14	12	9865	40	37	31	18	03	8	2	8	26	1	2	2	2	2	2	6	6	6	6	6	6		
	15	9870	39	37	33	20	02	8	2	8	12	2	2	2	2	2	2	6	6	6	6	6	6		
	18	9883	36	34	30	23	02	8	2	8	21	1	3	2	2	2	2	6	6	6	6	6	6		
	21	9899	35	33	29	22	03	8	0	5	02	1	5	2	5	2	5	6	6	6	6	6	6		
	00	9906	36	35	31	25	10	8	0	3	87	4	3	2	4	4	4	6	6	6	6	6	6		
	03	9907	32	32	31	24	12	0	2	8	85	8	5	2	4	4	4	6	6	6	6	6	6		
	06	9896	35	33	30	27	06	8	0	3	85	8	5	2	4	4	4	6	6	6	6	6	6		
15	09	9880	37	32	24	27	07	7	4	8	73	1	2	2	2	2	2	6	6	6	6	6	6		
	12	9856	37	35	32	31	07	7	4	7	26	2	4	2	4	4	4	6	6	6	6	6	6		
	15	9871	38	35	31	29	02	8	2	8	21	1	3	2	2	2	2	6	6	6	6	6	6		
	18	9904	37	33	23	20	09	8	2	8	21	1	3	2	2	2	2	6	6	6	6	6	6		
	21	9944	37	33	25	17	06	8	0	5	03	1	5	2	4	4	4	6	6	6	6	6	6		
	00	9977	38	35	29	01	8	2	3	12	1	3	1	4	4	4	4	6	6	6	6	6	6		
	03	9991	35	34	30	27	06	8	2	8	12	1	3	1	4	4	4	6	6	6	6	6	6		
16	06	10006	38	33	24	27	16	8	0	8	03	7	0	5	5	5	5	6	6	6	6	6	6		
	09	10021	38	33	22	27	06	8	0	7	11	2	5	5	5	5	5	6	6	6	6	6	6		
	12	10013	41	38	32	31	22	8	0	7	02	2	7	5	5	5	5	6	6	6	6	6	6		
	15	9994	42	41	40	32	22	8	5	8	50	2	9	5	5	5	5	6	6	6	6	6	6		
	18	9987	43	43	42	31	22	8	5	8	52	2	9	5	5	5	5	6	6	6	6	6	6		
	21	9994	43	42	29	16	05	8	0	5	02	2	9	5	5	5	5	6	6	6	6	6	6		
	00	9995	43	43	43	29	22	16	8	5	51	2	9	5	5	5	5	6	6	6	6	6	6		
17	03	9945	44	44	44	31	24	8	3	2	50	2	9	5	5	5	5	6	6	6	6	6	6		
	06	9915	44	44	44	31	25	8	3	2	50	2	9	5	5	5	5	6	6	6	6	6	6		
	09	9889	45	45	45	31	30	8	3	2	50	2	9	5	5	5	5	6	6	6	6	6	6		
	12	9876	45	45	41	29	31	8	5	5	32	2	9	5	5	5	5	6	6	6	6	6	6		
	15	9869	43	41	37	29	30	8	5	5	31	2	9	5	5	5	5	6	6	6	6	6	6		
	18	9868	39	38	35	29	24	8	5	8	89	2	9	5	5	5	5	6	6	6	6	6	6		
	21	9860	36	36	35	29	33	8	5	8	90	2	9	5	5	5	5	6	6	6	6	6	6		
18	00	9851	38	37	34	29	26	8	0	4	90	1	4	4	4	4	4	6	6	6	6	6	6		
	03	9850	37	35	34	29	26	8	0	5	99	2	5	5	5	5	5	6	6	6	6	6	6		
	06	9891	38	35	30	27	18	8	0	5	92	2	5	5	5	5	5	6	6	6	6	6	6		

Results of Surface Observations,
MACQUARIE APRIL 1962

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST	ANEMOMETER WIND RUN	EXTREME TEMPERATURES			
DAY	HOUR		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED				LOW CLOUD	TYPE	LOW BASE	MIDDLE CLOUD	HIGH CLOUD	DIRECTION	SPEED		MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE		
			°F x 10 ⁻¹	°F	°F x 10	kt	VV	Clouds	WW	Onset	C _L	C _M	C _H	D _L	D _M	D _H	°x 10	St. miles	Points	°F	°F	
19	00	9939	43	41	39	31	26	80	8	02	2	3	4	6	6	6	29	42	535	0009	44	39
03		9925	42	41	40	31	28	74	7	02	2	3	4	6	6	6						
06		9917	43	41	39	30	28	74	8	02	2	3	4	6	6	6						
09		9917	43	42	40	31	24	58	8	02	2	3	5	7	7	7						
12		9923	43	42	41	31	23	58	8	02	2	3	5	7	7	7						
15		9916	43	42	41	30	22	65	8	02	2	3	5	6	6	6						
18		9932	41	40	38	28	17	65	8	02	2	3	4	6	6	6						
21		9950	40	39	37	28	19	74	8	02	2	3	4	6	6	6						
20	00	9948	39	37	36	29	17	80	8	03	2	4	4	6	6	6	29	50	305	0024	42	37
03		9936	40	39	37	31	14	58	8	02	2	4	4	6	6	6						
06		9920	39	38	37	23	07	58	8	02	2	4	4	6	6	6						
09		9946	40	38	37	29	09	74	7	01	2	3	5	6	6	6						
12		9972	41	37	29	27	23	80	7	01	2	3	4	6	6	6						
15		9983	41	38	32	28	24	63	7	03	2	3	4	6	6	6						
18		10001	38	37	35	28	23	66	4	08	8	4	5	6	6	6						
21		10006	40	38	37	28	26	66	8	08	8	4	4	6	6	6						
21	00	9999	42	40	37	29	26	66	8	00	2	3	4	6	6	6	29	45	467	0012	45	41
03		10005	42	41	40	29	26	65	8	00	2	3	4	6	6	6						
06		10030	42	40	37	29	29	74	8	00	2	3	4	6	6	6						
09		10050	43	41	38	28	24	80	7	01	1	4	4	6	6	6						
12		10050	42	41	38	28	22	66	7	00	2	3	4	6	6	6						
15		10048	43	42	41	30	22	74	8	01	3	6	5	6	6	6						
18		10049	43	42	41	31	22	74	8	00	2	3	4	6	6	6						
21		10032	44	43	43	31	26	74	8	02	5	8	4	6	6	6						
22	00	9992	44	44	43	31	33	66	8	02	2	3	4	6	6	6	30	45	467	0012	45	41
03		9975	45	45	45	31	30	48	8	00	2	3	4	6	6	6						
06		10034	42	39	36	25	22	80	7	01	1	4	4	6	6	6						
09		10052	43	40	36	29	17	80	7	03	1	4	4	6	6	6						
12		10056	43	40	37	29	17	80	7	03	1	4	4	6	6	6						
15		10074	43	41	39	30	15	80	7	03	1	4	4	6	6	6						
18		10060	43	42	41	33	10	59	52	00	2	3	4	6	6	6						
21		10038	44	44	44	30	10	04	52	00	2	3	4	6	6	6						
23	00	10014	45	45	45	33	23	08	08	00	2	3	4	6	6	6	31	43	489	0008	45	41
03		9996	45	45	45	33	24	08	08	00	2	3	4	6	6	6						
06		10006	45	45	45	31	17	08	08	00	2	3	4	6	6	6						
09		9999	45	45	45	31	19	04	08	00	2	3	4	6	6	6						
12		10011	45	45	45	31	20	08	08	00	2	3	4	6	6	6						
15		10000	45	45	45	31	21	08	08	00	2	3	4	6	6	6						
18		9998	45	45	45	31	17	66	00	2	3	4	6	6	6							
21		9985	45	45	45	23	74	00	00	2	3	4	6	6	6							
24	00	9969	44	44	44	33	19	66	50	00	2	3	4	6	6	6	34	30	426	0009	46	44
03		9966	44	44	44	33	22	63	50	00	2	3	4	6	6	6						
06		9976	43	42	41	29	17	58	50	00	2	3	4	6	6	6						
09		10022	43	41	38	29	24	66	50	02	2	3	4	6	6	6						
12		10082	41	39	36	29	22	74	4	04	00	2	3	4	6	6	6					
15		10128	42	40	38	29	17	80	4	04	00	2	3	4	6	6	6					
18		10154	41	38	33	29	17	80	3	04	00	2	3	4	6	6	6					
21		10159	42	39	34	31	15	80	5	02	0	2	3	4	6	6						
25	00	10145	42	40	37	34	20	80	1	01	2	3	4	6	6	6	31	52	593	0008	46	39
03		10098	43	42	40	35	23	80	3	02	2	3	4	6	6	6						
06		10055	45	44	42	34	35	80	8	03	2	3	4	6	6	6						
09		9997	46	45	44	34	35	16	8	02	2	3	4	6	6	6						
12		9999	46	41	36	29	37	74	5	02	2	3	4	6	6	6						
15		10059	41	38	33	28	26	74	6	02	2	3	4	6	6	6						
18		10102	40	36	27	28	29	74	6	01	2	3	4	6	6	6						
21		10150	40	35	24	27	26	74	1	01	1	1	2	4	6	6						
26	00	10193	40	36	29	29	14	80	8	02	2	3	4	6	6	6	34	39	448	0006	47	39
03		10199	40	36	29	31	13	80	8	03	2	3	4	6	6	6						
06		10176	40	38	35	34	16	80	3	03	2	3	4	6	6	6						
09		10159	42	39	34	22	80	8	03	1	1	2	4	6	6							
12		10125	45	45	45	34	26	16	8	02	2	3	4	6	6	6						
15		10097	45	45	45	34	24	04	8	02	2	3	4	6	6	6						
18		10071	45	45	45	34	23	04	8	02	2	3	4	6	6	6						
21		10049	47	47	46	34	28	16	8	02	2	3	4	6	6	6						
27	00	10027	47	47	47	34	30	16	8	02	2	3	4	6	6	6	34	40	619	0005	47	43
03		10018	47	47	47	34	28	32	8	02	2	3	4	6	6	6						
06		10013	47	47	47	34	28	16	8	02	2	3	4	6	6	6						
09		10016	46	46	46	34	24	04	8	02	2	3	4	6	6	6						
12		9994	46	46	46	34	22	04	8	02	2	3	4	6	6	6						
15		9985	45	45	45	33	17	08	8	01	2	3	4	6	6	6						
18		10004	45	45	45	32	25	02	8	02	2	3	4	6	6	6						
21		10019	45	45	45	33	15	04	8	02	2	3	4	6	6	6						

Results of Surface Observations,
MACQUARIE APRIL 1962

LOCAL STANDARD TIME	STATION LEVEL PRESSURE	TEMPERATURES				SURFACE WIND		PRESENT WEATHER										DIRECTION OF CLOUD MOVEMENT		MAXIMUM WIND GUST		EXTREME TEMPERATURES			
		DRY BULB		NET BULB		DEW POINT = x 10	DIRECTION KT	VV OKtas	LOW CLOUD CLOUD AMOUNT	LOW CLOUD			HIGH CLOUD			DIRECTION OF CLOUD MOVEMENT	MAXIMUM WIND GUST KT	ANEMOMETER WIND RUN SMILES	PRECIPITATION POINTS	MAXIMUM TEMP °F		MINIMUM TEMP °F			
		°F	°F	°F	°F					WW OKtas	W OKtas	C _L h	C _M	C _H	D _L	D _M	D _H	°x 10							
28	00	10000	44	44	44	35	25	5R	8	02	2	3	6	3	7	7	7	7	7	7	479	0009	45	39	
	03	10009	44	44	43	31	21	74	4	01	5	4	5	4	7	7	7	7	7	7					
	06	10017	44	42	39	31	24	80	4	02	1	4	5	4	7	7	7	7	7	7					
	09	10039	43	41	39	31	23	74	8	03	1	5	8	4	7	7	7	7	7	7					
	12	10039	45	43	41	31	17	56	8	02	2	5	9	4	7	7	7	7	7	7					
	15	10051	43	42	41	31	22	74	3	29	1	3	3	4	6	6	6	6	6	6					
	18	10063	42	40	38	31	19	80	3	02	1	3	2	4	6	6	6	6	6	6					
	21	10077	40	39	38	31	19	80	3	02	1	3	3	4	6	6	6	6	6	6					
29	00	10093	42	40	37	31	26	80	8	03	5	8	5	4	7	7	7	7	7	7	479	0009	45	39	
	03	10091	42	40	38	30	26	80	7	02	1	7	5	5	7	7	7	7	7	7					
	06	10108	42	40	37	30	21	80	1	01	9	1	1	5	7	7	7	7	7	7					
	09	10118	42	41	39	31	19	74	7	02	1	1	1	5	7	7	7	7	7	7					
	12	10112	43	42	41	32	20	66	8	80	2	8	3	4	7	7	7	7	7	7					
	15	10100	43	43	42	31	21	80	7	25	2	5	8	4	7	7	7	7	7	7					
	18	10093	44	43	42	31	22	80	5	01	1	5	5	4	7	7	7	7	7	7					
	21	10086	44	43	42	32	24	80	5	02	1	5	5	4	7	7	7	7	7	7					
30	00	10076	44	43	42	33	22	80	8	03	2	8	5	4	7	7	7	7	7	7					
	03	10050	44	43	42	34	25	80	6	02	1	6	5	4	7	7	7	7	7	7					
	06	10021	44	44	44	35	21	08	6	50	1	5	5	4	8	8	8	8	8	8					
	09	9998	45	45	45	34	24	05	5	51	1	0	1	0	7	7	7	7	7	7					
	12	9990	45	45	45	33	22	04	5	51	1	0	1	0	7	7	7	7	7	7					
	15	9988	45	45	45	31	16	04	5	50	1	0	1	0	7	7	7	7	7	7					
	18	9998	44	44	44	31	16	05	5	52	1	0	1	0	7	7	7	7	7	7					
	21	10020	44	44	44	31	10	02	0	50	1	0	1	0	7	7	7	7	7	7					

Results of Surface Observations,
MACQUARIE MAY, 1962

LOCAL STANDARD TIME		TEMPERATURES				SURFACE WIND		VISIBILITY				LOW CLOUD				DIRECTION OF CLOUD MOVEMENT			MAXIMUM GUST		EXTREME TEMPERATURES						
DAY	HOUR	STATION LEVEL PRESSURE mb x 10 ⁻²	DRY BULB °F	WET BULB °F	DEN POINT °x 10	DIRECTION kt	SPEED ft/sec	Cloud Amount Oktas	WW	Present Weather	Past Weather	Amount Oktas	Type C _L	Base h	Middle Cloud C _M	High Cloud C _H	Low D _L	Middle D _M	High D _H	Direction °x 10	Speed kt	Anemometer Wind Run miles	Points	Maximum Temp °F	Minimum Temp °F		
01	00	10052	40	39	38	18	16	20	B	20	5	5	5	5	5	9	4	4	4	4	31	26	147	0007	40	37	
	03	10068	39	38	37	16	14	20	B	20	1	2	2	2	5	4	4	4	4	4							
	06	10085	38	37	35	16	14	20	B	20	2	2	2	2	5	5	5	5	5	5							
	09	10104	38	36	33	16	07	20	B	20	1	2	2	2	5	5	5	5	5	5							
	12	10105	38	36	34	00	00	20	B	20	2	2	2	2	5	5	5	5	5	5							
	15	10108	37	36	33	01	00	20	B	20	2	2	2	2	5	5	5	5	5	5							
	18	10106	37	36	34	31	05	20	B	20	1	2	2	2	5	5	5	5	5	5							
	21	10114	38	37	34	31	10	20	B	20	1	2	2	2	5	5	5	5	5	5							
02	00	10115	39	37	34	31	22	20	B	20	2	2	2	2	5	5	5	5	5	5	7						
	03	10116	39	38	37	31	23	20	B	20	1	2	2	2	5	5	5	5	5	5	6						
	06	10118	41	39	37	30	21	24	B	20	2	2	2	2	5	5	5	5	5	5	6						
	09	10122	40	39	37	31	23	24	B	20	1	2	2	2	5	5	5	5	5	5	7						
	12	10108	41	41	40	32	24	66	B	20	2	2	2	2	5	5	5	5	5	5	7						
	15	10093	41	40	39	31	22	66	B	20	1	2	2	2	5	5	5	5	5	5	7						
	18	10085	41	41	40	31	21	66	B	20	1	2	2	2	5	5	5	5	5	5	7						
	21	10074	41	41	31	20	58	20	B	20	1	2	2	2	5	5	5	5	5	5	7						
03	00	10061	42	42	42	22	32	8	B	51	5	5	5	5	5	5	5	5	5	3	7						
	03	10040	42	42	42	23	48	8	B	51	5	5	5	5	5	5	5	5	5	3	7						
	06	10022	42	42	42	23	48	8	B	51	5	5	5	5	5	5	5	5	5	3	7						
	09	10005	43	42	42	34	26	56	B	51	5	5	5	5	5	5	5	5	5	3	7						
	12	9984	44	43	42	34	26	58	B	51	5	5	5	5	5	5	5	5	5	3	7						
	15	9974	42	42	42	29	17	04	B	51	5	5	5	5	5	5	5	5	5	3	7						
	18	10006	38	37	35	25	09	74	B	80	1	1	1	1	1	1	1	1	1	1	6						
	21	10022	38	37	35	29	03	80	B	80	1	1	1	1	1	1	1	1	1	1	6						
04	00	10010	39	38	37	31	11	80	6	13	1	1	1	1	1	1	1	1	1	1	6						
	03	9986	39	38	37	34	14	80	6	13	1	1	1	1	1	1	1	1	1	1	7						
	06	9957	40	39	38	36	18	74	5	13	1	1	1	1	1	1	1	1	1	1	7						
	09	9926	41	41	40	36	17	74	7	13	1	1	1	1	1	1	1	1	1	1	7						
	12	9893	42	41	40	31	23	80	7	25	1	1	1	1	1	1	1	1	1	1	7						
	15	9875	42	42	41	34	17	92	5	11	1	1	1	1	1	1	1	1	1	1	7						
	18	9854	42	41	41	31	18	92	5	11	1	1	1	1	1	1	1	1	1	1	7						
	21	9829	39	38	37	33	27	30	5	89	1	1	1	1	1	1	1	1	1	1	7						
05	00	9843	39	38	37	29	29	80	B	80	1	1	1	1	1	1	1	1	1	1	7						
	03	9878	57	56	54	32	80	8	15	1	1	1	1	1	1	1	1	1	1	1	7						
	06	9914	36	35	34	29	26	74	5	90	1	1	1	1	1	1	1	1	1	1	6						
	09	9947	36	35	32	28	25	80	5	12	1	1	1	1	1	1	1	1	1	1	6						
	12	9961	38	35	28	27	23	82	5	12	1	1	1	1	1	1	1	1	1	1	6						
	15	9977	37	36	34	29	23	82	5	26	7	4	3	3	3	3	3	3	3	3	6						
	18	9981	59	58	37	29	17	80	5	01	1	1	1	1	1	1	1	1	1	1	6						
	21	9974	59	57	34	31	17	80	5	01	1	1	1	1	1	1	1	1	1	1	6						
06	00	9939	41	39	37	36	17	92	20	01	1	1	1	1	1	1	1	1	1	1	7						
	03	9866	42	41	39	36	11	90	20	03	1	1	1	1	1	1	1	1	1	1	7						
	06	9782	42	41	41	36	12	58	8	63	1	1	1	1	1	1	1	1	1	1	7						
	09	9711	43	43	43	36	30	48	8	60	5	5	5	5	5	5	5	5	5	5	7						
	12	9733	41	39	37	31	28	63	4	01	5	5	5	5	5	5	5	5	5	5	7						
	15	9740	40	37	30	31	29	80	5	12	2	2	2	2	2	2	2	2	2	2	7						
	18	9740	40	37	35	32	25	80	5	12	2	2	2	2	2	2	2	2	2	2	7						
	21	9734	38	35	30	31	26	82	5	12	2	2	2	2	2	2	2	2	2	2	7						
07	00	9714	38	34	28	31	30	80	5	12	1	1	1	1	1	1	1	1	1	1	7						
	03	9682	35	35	32	32	32	56	5	50	1	1	1	1	1	1	1	1	1	1	7						
	06	9665	39	38	37	29	24	74	5	80	1	1	1	1	1	1	1	1	1	1	7						
	09	9675	38	37	35	27	30	66	7	87	1	1	1	1	1	1	1	1	1	1	6						
	12	9694	38	37	35	27	26	74	5	87	1	1	1	1	1	1	1	1	1	1	6						
	15	9730	39	37	37	27	22	80	5	01	1	1	1	1	1	1	1	1	1	1	6						
	18	9756	38	35	31	27	12	80	5	01	1	1	1	1	1	1	1	1	1	1	6						
	21	9793	36	35	33	24	04	74	6	25	8	8	8	8	8	8	8	8	8	1	6						
08	00	9825	38	35	30	16	10	74	4	12	8	4	4	4	4	4	4	4	4	5	5						
	03	9855	38	35	30	13	09	74	2	12	8	4	4	4	4	4	4	4	4	4	5						
	06	9876	38	35	30	11	10	90	5	23	8	4	4	4	4	4	4	4	4	4	5						
	09	9897	37	35	32	11	14	92	5	13	8	4	4	4	4	4	4	4	4	4	5						
	12	9899	38	36	31	11	14	92	7	12	2	2	2	2	2	2	2	2	2	2	5						
	15	9906	38	35	31	11	16	92	7	02	1	1	1	1	1	1	1	1	1	1	5						
	18	9906	38	35	31	11	15	92	5	01	1	1	1	1	1	1	1	1	1	1	5						
	21	9926	40	37	31	12	13	80	4	02	1	1	1	1	1	1	1	1	1	1	5						
09	00	9923	39	37	33	11	10	80	2	02	3	7	7	7	7	7	7	7	7	7	5						
	03	9924	39	36	32	00	00	80	2	02	3	7	7	7	7	7	7	7	7	7	5						
	06	9927</td																									

Results of Surface Observations,
MACQUARIE MAY, 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE mb $\times 10^{-1}$	TEMPERATURES			SURFACE WIND		VISIBILITY OKtas	PRESENT WEATHER OKtas	LOW CLOUD AMOUNT C _L	MIDDLE CLOUD TYPE C _M	HIGH CLOUD TYPE C _H	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			EXTREME TEMPERATURES		
				DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION °x 10	SPEED kt						DIRECTION °x 10	kt	St.miles	ANEMOMETER WIND RUN Points	MAXIMUM °F	MINIMUM °F	EXTREME TEMPERATURES		
10	00	9862	39	38	37	29	28	66	7	80	2	7	1	4	6							
	03	9862	40	38	37	28	27	58	8	58	2	7	6	4	6							
	06	9891	39	37	33	27	31	66	7	58	2	7	9	4	6							
	09	9919	39	36	31	27	31	74	7	80	2	7	9	4	6							
	12	9931	40	37	32	27	31	74	8	50	2	7	9	3	6							
	15	9927	41	40	39	27	30	74	8	50	2	7	9	3	6							
	18	9927	41	41	40	27	33	66	8	50	2	7	9	4	6							
	21	9941	42	40	39	28	33	66	8	50	2	7	9	4	6							
	00	9939	41	40	39	29	30	48	8	51	2	5	9	5	6							
	03	9935	41	40	38	29	33	80	5	01	1	5	2	4	6							
11	06	9957	40	37	32	27	29	82	3	R2	3	1	1	3	2	4						
	09	9982	39	37	33	27	30	82	3	27	2	8	3	3	4	6						
	12	9983	39	37	32	27	28	82	3	03	1	5	3	4	6							
	15	9982	40	37	32	27	30	82	6	03	1	5	3	4	6							
	18	9966	41	40	39	29	26	74	8	03	2	5	4	4	6							
	21	9959	41	40	40	29	23	58	8	50	2	5	4	4	6							
	00	9951	43	42	42	29	24	58	8	50	2	5	8	6	4							
	03	9957	43	42	42	28	26	48	8	51	2	5	8	6	4							
	06	9966	42	41	41	27	26	48	8	51	2	5	8	7	2							
	09	9978	42	42	42	28	22	02	8	51	2	5	7	2	6							
12	12	9992	43	43	42	27	26	16	8	50	2	5	7	2	6							
	15	10002	43	43	42	29	22	48	8	20	2	5	7	2	6							
	18	10013	43	43	43	27	17	58	8	50	2	5	7	2	6							
	21	10017	42	42	42	29	17	56	8	50	2	5	7	2	6							
	00	10013	43	42	42	29	24	56	8	50	2	5	7	2	6							
	03	10001	43	43	41	30	24	74	2	01	1	5	2	5	3	6						
	06	9995	43	41	40	30	35	58	8	03	1	5	2	5	4	6						
	09	9986	43	43	42	31	30	15	8	40	2	5	2	5	4	7						
	12	9972	43	43	43	30	28	08	8	50	2	5	2	5	2	7						
	15	10007	42	42	42	27	24	08	8	50	2	5	2	5	1	7						
13	18	10023	41	41	41	29	13	08	8	50	2	5	2	5	1	7						
	21	10047	39	39	39	25	04	16	8	50	2	5	2	5	2	6						
	00	10051	38	38	00	00	15	8	50	2	5	2	5	2	9							
	03	10058	39	39	00	00	08	8	50	2	5	2	5	2	0							
	06	10051	40	40	00	00	02	8	50	2	5	2	5	2	0							
	09	10044	43	43	43	31	10	08	8	60	2	5	2	5	2	7						
	12	10035	43	43	42	31	17	16	8	50	2	5	2	5	1	7						
	15	10027	44	44	42	31	22	56	8	20	2	5	2	5	0	7						
	18	10027	44	44	42	31	22	58	8	02	2	5	2	5	0	7						
	21	10039	44	44	44	31	23	58	8	02	2	5	2	5	2	7						
14	00	10024	44	43	42	32	20	63	7	01	2	7	6	3	7							
	03	10039	44	44	43	32	22	66	2	01	1	2	6	3	7							
	06	10038	45	44	43	31	22	58	8	45	4	8	7	3	7							
	09	10059	45	44	43	31	20	58	8	02	2	8	7	3	7							
	12	10055	44	44	44	31	26	58	8	50	2	8	7	2	7							
	15	10055	44	44	44	31	24	54	8	47	4	8	6	0	7							
	18	10027	44	44	42	22	22	04	8	50	2	8	6	0	7							
	21	10047	44	44	44	34	23	03	8	50	2	8	6	0	7							
	00	10024	45	45	45	34	27	03	8	51	2	8	6	1	7							
	03	10066	45	45	45	35	30	05	8	51	2	8	6	1	7							
15	06	9999	45	45	45	32	26	02	8	50	2	8	6	0	7							
	09	10003	45	45	45	35	26	02	8	51	2	8	6	0	7							
	12	10004	44	44	44	35	22	01	8	51	2	8	6	0	7							
	15	9988	44	44	44	34	19	02	8	47	4	8	6	0	7							
	18	9976	45	45	45	34	22	04	8	50	2	8	6	0	7							
	21	9964	45	45	45	34	24	08	8	02	5	8	6	2	7							
	00	9944	45	45	45	34	23	06	8	50	2	8	6	1	7							
	03	9929	44	44	44	34	22	06	8	51	2	8	6	1	7							
	06	9914	44	44	44	34	21	04	8	45	4	8	6	0	7							
	09	9906	45	45	45	35	21	08	8	50	2	8	6	1	7							
17	12	9896	44	44	44	35	17	02	8	50	2	8	6	0	7							
	15	9878	44	44	44	35	16	02	8	45	4	8	6	0	7							
	18	9865	44	44	44	35	17	02	8	51	2	8	6	1	7							
	21	9856	43	43	43	35	17	08	8	50	2	8	6	2	7							
	00	9856	42	42	41	34	23	06	8	51	2	8	6	3	7							
	03	9861	42	42	41	34	22	07	8	51	2	8	6	3	7							
	06	9857	43	42	41	34	22	08	8	03	2	8</										

Results of Surface Observations
MACQUARIE MAY, 1962

LOCAL STANDARD TIME		STATION LEVEL PRESSURE		TEMPERATURES		SURFACE WIND		VISIBILITY		CLOUD AMOUNT		PRESENT WEATHER		LOW CLOUD		DIRECTION OF CLOUD MOVEMENT		MAXIMUM WIND GUST		EXTREME TEMPERATURES											
DAY	HOUR	in	in	°F	°F	°C	°C	DEW POINT	DIRECTION	SPEED	OKTAS	WW	OKTAS	WW	TYPE	AMOUNT	BASE	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM					
		in	in	°F	°F	°C	°C	DEW POINT	DEW POINT	DEW POINT	OKTAS	OKTAS	OKTAS	OKTAS	C _L	C _M	C _H	D _L	D _M	D _H	*x10	kt	St.miles	Points	in	in					
		in	in	°F	°F	°C	°C	DEW POINT	DEW POINT	DEW POINT	OKTAS	OKTAS	OKTAS	OKTAS	C _L	C _M	C _H	D _L	D _M	D _H	*x10	kt	St.miles	Points	in	in					
19	00	9999	41	39	36	31	16	82	1	01	7	7	7	7	7	7	7	7	7	7	7	7	7	0000	41	34					
	03	10003	41	39	36	31	20	80	8	03	7	7	7	7	7	7	7	7	7	7	7	7	7								
	06	9998	39	36	34	00	20	80	8	01	15	8	8	8	8	8	8	8	8	8	8	8	8								
	09	9990	39	37	35	18	07	80	7	05	13	8	8	8	8	8	8	8	8	8	8	8	8								
	12	9961	39	38	37	16	16	80	7	02	23	8	8	8	8	8	8	8	8	8	8	8	8								
	15	9948	38	37	35	15	16	80	7	01	13	8	8	8	8	8	8	8	8	8	8	8	8								
	18	9940	38	37	34	17	16	80	7	01	12	8	8	8	8	8	8	8	8	8	8	8	8								
	21	9937	36	35	33	00	00	80	7	03	17	5	5	5	5	5	5	5	5	5	5	5	5	16	21	279	0000	41	34		
20	00	9920	35	35	35	07	48	8	50	5	8	7	7	7	7	7	7	7	7	7	7	7	7	7							
	03	9910	35	35	35	00	48	8	69	7	5	7	7	7	7	7	7	7	7	7	7	7	7								
	06	9942	39	38	37	28	14	60	8	02	78	5	5	5	5	5	5	5	5	5	5	5	5	5							
	09	9995	38	37	36	18	05	65	7	02	27	5	5	5	5	5	5	5	5	5	5	5	5								
	12	10041	39	37	35	28	06	74	7	02	27	5	5	5	5	5	5	5	5	5	5	5	5	5							
	15	10058	41	39	37	31	13	74	6	02	26	5	5	5	5	5	5	5	5	5	5	5	5	5							
	18	10070	41	41	41	31	12	58	8	03	28	6	6	6	6	6	6	6	6	6	6	6	6	7							
	21	10083	42	42	42	31	16	52	8	50	5	8	6	6	6	6	6	6	6	6	6	6	6	25	30	093	0019	43	34		
21	00	10107	43	43	43	31	17	32	8	50	5	8	6	6	6	6	6	6	6	6	6	6	6	6							
	03	10124	42	42	42	31	17	40	8	47	4	8	6	6	6	6	6	6	6	6	6	6	6	6							
	06	10135	43	43	43	33	17	40	8	45	4	8	6	6	6	6	6	6	6	6	6	6	6	6							
	09	10145	43	43	42	33	19	74	6	01	42	2	1	4	4	4	4	4	4	4	4	4	4	4							
	12	10154	44	44	44	33	18	60	8	03	18	5	5	5	5	5	5	5	5	5	5	5	5	5							
	15	10157	44	43	42	35	17	63	8	02	28	5	5	5	5	5	5	5	5	5	5	5	5	5							
	18	10154	45	44	44	34	24	63	8	02	28	5	5	5	5	5	5	5	5	5	5	5	5	5							
	21	10157	44	44	44	33	24	04	47	4	8	6	6	6	6	6	6	6	6	6	6	6	6	34	31	398	0001	45	41		
22	00	10159	44	44	44	34	23	04	8	50	5	8	6	6	6	6	6	6	6	6	6	6	6	6							
	03	10163	44	44	44	34	21	15	80	50	5	8	6	6	6	6	6	6	6	6	6	6	6	6							
	06	10168	44	44	44	34	23	32	8	59	5	8	6	6	6	6	6	6	6	6	6	6	6	6							
	09	10178	44	44	44	33	20	08	80	50	5	8	6	6	6	6	6	6	6	6	6	6	6	6							
	12	10178	44	44	44	33	21	06	80	51	5	8	6	6	6	6	6	6	6	6	6	6	6	6							
	15	10193	43	43	43	32	17	04	80	51	5	8	6	6	6	6	6	6	6	6	6	6	6	6							
	18	10188	43	43	43	31	17	04	80	50	5	8	6	6	6	6	6	6	6	6	6	6	6	6							
	21	10200	43	43	43	32	17	06	80	50	5	8	6	6	6	6	6	6	6	6	6	6	6	6	33	32	476	0003	45	42	
23	00	10192	42	42	42	34	17	08	8	50	5	8	6	6	6	6	6	6	6	6	6	6	6	6							
	03	10195	42	42	42	31	15	16	80	50	5	8	6	6	6	6	6	6	6	6	6	6	6	6							
	06	10196	41	41	41	31	10	08	80	50	5	8	6	6	6	6	6	6	6	6	6	6	6	6							
	09	10198	41	41	41	31	09	06	80	51	5	8	6	6	6	6	6	6	6	6	6	6	6	6							
	12	10187	42	42	42	33	08	48	80	51	5	8	6	6	6	6	6	6	6	6	6	6	6	6	1	7					
	15	10182	41	41	40	34	05	08	70	7	02	27	7	7	7	7	7	7	7	7	7	7	7	7	7						
	18	10178	41	41	41	36	04	08	80	50	5	8	6	6	6	6	6	6	6	6	6	6	6	6	8	31	29	295	0003	43	40
24	00	10156	43	43	42	04	09	58	6	50	5	8	6	6	6	6	6	6	6	6	6	6	6	6							
	03	10159	43	43	42	01	09	58	6	50	5	8	6	6	6	6	6	6	6	6	6	6	6	6							
	06	10127	43	43	43	02	10	48	80	50	5	8	6	6	6	6	6	6	6	6	6	6	6	6							
	09	10117	43	43	43	01	17	58	80	52	5	8	6	6	6	6	6	6	6	6	6	6	6	6							
	12	10107	43	43	43	33	09	02	80	50	5	8	6	6	6	6	6	6	6	6	6	6	6	6							
	15	10086	44	44	44	35	12	08	80	51	5	8	6	6	6	6	6	6	6	6	6	6	6	6							
	18	10078	44	44	44	34	11	08	80	60	5	8	6	6	6	6	6	6	6	6	6	6	6	6	7	31	28	222	0004	44	42
25	00	10084	43	43	43	31	10	08	6	50	5	8	6	6	6	6	6	6	6	6	6	6	6	6							
	03	10087	43	43	43	31	08	16	8	51	5	8	6	6	6	6	6	6	6	6	6	6	6	6							
	06	10093	42	42	42	31	04	01	80	45	4	8	6	6	6	6	6	6	6	6	6	6	6	6							
	09	10101	42	42	42	31	04	02	80	45	4	8	6	6	6	6	6	6	6	6	6	6	6	6							
	12	10097	42	42	42	31	04	02	80	45	4	8	6	6	6	6	6	6	6	6	6	6	6	6							
	15	10097	44	44	44	00	00	02	80	45	4	8	6	6	6	6	6	6	6	6	6	6	6	6							
	18	10081	44	44	44	03	04	04	80	50	5	8	6	6	6	6	6	6	6	6	6	6	6	6							
	21	10075	39	39	39	17	07	05	8	50	5	8	6	6	6	6	6	6	6	6	6	6	6	6	9	18	16	080	0012	45	36
27	00	10027	37	37	36	00	00	74	2	01	5	2	5	5	5	5	5	5	5	5	5	5	5	5							
	03	10028	36	35	34	24	03	74	5	03	7	3	1	3	3	3	3	3	3	3	3	3	3	3							
	06	10061	37	37	35	16	16	74	5	01	7	3	1	3	3	3	3	3	3	3	3	3	3	3							
	09	10014	37	37	36	27	17	80	5	80	8	5	5	5	5	5	5	5	5	5	5	5	5	5							
	12	10013	38	38	38	29	13	74	8	50	5	8	6	6	6	6	6	6	6	6	6	6	6	6							
	15	10022																													

Results of Surface Observations,
MACQUARIE MAY, 1962

DAY	LOCAL STANDARD TIME	STATION LEVEL PRESSURE mb $\times 10^{-1}$	TEMPERATURES			SURFACE WIND		VISIBILITY VV	CLOUD AMOUNT Oktas	PRESENT WEATHER W	LOW CLOUD			MIDDLE CLOUD			HIGH CLOUD			DIRECTION OF CLOUD MOVEMENT		MAXIMUM WIND GUST		* PRECEPITATION Points	EXTREME TEMPERATURES	
			DRY BULB °F	WET BULB °F	DEW POINT °F	$^{\circ} \times 10$	DIRECTION kt				C _L	TYPE	C _M	C _H	D _L	D _M	D _H	DIRECTION kt	$^{\circ} \times 10$	ANEOMETER WIND RUN St. miles	MAXIMUM Wind Run	MINIMUM Wind Run	MAXIMUM Wind Run	MINIMUM Wind Run		
	Hour																									
28	0 0	10081	37	35	32	28	14	R 0 5	2																	
	0 3	10101	37	36	35	28	26	7.4	6	1 3																
	0 6	10115	37	36	34	27	17	8.0	5	2 1																
	0 9	10134	37	36	33	27	15	9.2	5	2 2																
	1 2	10139	39	38	37	29	12	9.2	5	8.0																
	1 5	10153	39	38	38	28	17	5.8	7	5.0																
	1 8	10159	40	39	38	30	16	6.0	7	5.0																
	2 1	10163	41	40	39	29	17	7.4	6	7.0																
29	0 0	10164	41	40	39	28	16	7.4	9	5 2																
	0 3	10166	40	39	38	28	22	7.4	4	5 2																
	0 6	10173	39	38	37	27	24	6.6	5	5 0																
	0 9	10177	38	37	36	27	25	7.4	5	5 1																
	1 2	10188	38	38	38	27	18	8.0	7	5.0																
	1 5	10195	38	38	38	27	17	5.8	6	5.0																
	1 8	10205	37	37	37	26	12	5.8	3	5 1																
	2 1	10212	36	36	36	27	10	5.3	2	5.0																
30	0 0	10209	37	37	37	27	10	6.6	2	5.0																
	0 3	10207	37	37	37	25	07	6.6	5	5.0																
	0 6	10205	37	37	37	27	06	7.4	5	5 2																
	0 9	10208	38	38	37	27	05	8.2	3	5 1																
	1 2	10197	39	39	39	31	09	5.8	5	1 0																
	1 5	10184	39	39	39	31	10	4.8	4	1 0																
	1 8	10183	38	38	38	31	06	6.6	2	0 1																
	2 1	10166	38	38	38	32	09	6.6	2	0 2																
31	0 0	10153	39	39	39	34	09	8.0	0	5 2																
	0 3	10123	38	38	38	34	07	6.6	3	5 3																
	0 6	10103	40	40	40	34	10	5.8	2	5 0																
	0 9	10084	41	41	41	34	10	1.6	8	5.0																
	1 2	10057	41	41	41	31	09	3.2	8	5.0																
	1 5	10046	41	41	41	30	10	5.8	8	5.0																
	1 8	10042	40	40	40	30	04	5.8	8	5.0																
	2 1	10040	39	39	39	00	00	6.3	8	0.1																

Results of Surface Observations,
MACQUARIE JUNE, 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE inb x 10 ⁻¹	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST x 10	EXTREME TEMPERATURES				
				DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION ° x 10	KT	VV	Oktas	WW	%	C _L	C _M	C _H	D _L	D _M	D _H	DIRECTION KT	ANEMOMETER S. MILES	PRECIPITATION Points	MAXIMUM °F	MINIMUM °F	
01	00	10054	39	39	39	15	02	66	4	2	1	4	5	5	4	5	5	5	9	15	0.88	0002	39	34
	03	10029	37	37	37	00	04	58	4	7	1	1	5	5	5	5	5	5	5	5				
	06	10024	39	39	39	16	16	32	5	5	1	5	5	5	5	5	5	5	5	5				
	09	10035	36	36	36	16	16	56	5	0	1	1	5	5	5	5	5	5	5	5				
	12	10036	35	35	34	16	21	74	8	0	3	1	5	5	5	5	5	5	5	5				
	15	10047	34	33	30	16	14	74	7	0	2	2	7	7	7	7	7	7	7	7				
	18	10059	35	33	30	16	15	74	8	0	2	2	7	7	7	7	7	7	7	7				
	21	10068	35	33	30	14	11	74	8	0	2	2	7	7	7	7	7	7	7	7				
	00	10073	34	32	28	14	05	74	8	0	2	2	7	7	7	7	7	7	7	7				
	03	10070	34	32	28	11	06	74	8	0	2	2	7	7	7	7	7	7	7	7				
02	06	10072	34	33	30	14	05	74	8	0	2	2	7	7	7	7	7	7	7	7				
	09	10074	34	32	29	11	04	80	8	0	2	2	7	7	7	7	7	7	7	7				
	12	10065	35	33	29	11	03	82	8	0	2	2	7	7	7	7	7	7	7	7				
	15	10058	36	35	33	11	02	82	8	0	2	2	7	7	7	7	7	7	7	7				
	18	10061	37	36	34	09	03	80	8	0	2	2	7	7	7	7	7	7	7	7				
	21	10065	37	36	35	09	03	80	8	0	2	2	7	7	7	7	7	7	7	7				
	00	10061	38	36	34	09	03	80	8	0	2	2	7	7	7	7	7	7	7	7				
	03	10055	37	36	35	07	05	80	8	0	2	2	7	7	7	7	7	7	7	7				
	06	10049	38	37	35	13	10	90	8	0	2	2	7	7	7	7	7	7	7	7				
	09	10049	37	37	34	11	12	92	7	1	1	1	5	5	5	5	5	5	5	5				
03	12	10033	38	37	35	14	12	82	8	0	2	2	7	7	7	7	7	7	7	7				
	15	10020	38	37	36	14	17	80	8	0	2	2	7	7	7	7	7	7	7	7				
	18	10012	38	38	38	14	21	65	8	0	2	2	7	7	7	7	7	7	7	7				
	21	10011	39	38	38	13	17	58	8	0	2	2	7	7	7	7	7	7	7	7				
	00	9999	38	38	38	14	17	58	8	0	2	2	7	7	7	7	7	7	7	7				
	03	9866	38	38	38	14	19	48	8	0	2	2	7	7	7	7	7	7	7	7				
	06	9788	38	38	38	13	17	48	8	0	2	2	7	7	7	7	7	7	7	7				
	09	9677	39	39	39	13	20	58	8	0	2	2	7	7	7	7	7	7	7	7				
	12	9555	40	40	39	13	21	65	8	0	2	2	7	7	7	7	7	7	7	7				
	15	9344	40	40	40	14	22	58	8	0	2	2	7	7	7	7	7	7	7	7				
04	18	9244	40	40	40	14	21	48	8	0	2	2	7	7	7	7	7	7	7	7				
	21	9044	41	41	41	14	16	58	8	0	2	2	7	7	7	7	7	7	7	7				
	00	9889	41	41	41	14	16	58	8	0	2	2	7	7	7	7	7	7	7	7				
	03	9876	41	41	41	14	13	68	8	0	2	2	7	7	7	7	7	7	7	7				
	06	9868	41	41	41	13	10	68	8	0	2	2	7	7	7	7	7	7	7	7				
	09	9858	41	41	41	13	10	64	8	0	2	2	7	7	7	7	7	7	7	7				
	12	9848	41	41	41	13	06	62	8	0	2	2	7	7	7	7	7	7	7	7				
	15	9841	41	41	41	14	08	61	8	0	2	2	7	7	7	7	7	7	7	7				
	18	9836	42	42	42	14	03	61	8	0	2	2	7	7	7	7	7	7	7	7				
	21	9824	42	42	42	11	05	64	8	0	2	2	7	7	7	7	7	7	7	7				
05	00	9818	43	43	43	06	09	02	8	0	2	2	7	7	7	7	7	7	7	7				
	03	9817	42	42	42	06	11	03	51	5	1	5	5	5	5	5	5	5	5	5				
	06	9819	42	42	42	04	10	03	50	5	1	5	5	5	5	5	5	5	5	5				
	09	9830	42	42	42	04	09	03	52	5	1	5	5	5	5	5	5	5	5	5				
	12	9828	42	42	42	04	09	03	51	5	1	5	5	5	5	5	5	5	5	5				
	15	9847	40	40	40	01	10	16	58	5	0	2	2	7	7	7	7	7	7	7				
	18	9848	41	41	41	04	09	04	50	5	0	2	2	7	7	7	7	7	7	7				
	21	9854	42	42	42	06	05	04	51	6	1	6	6	6	6	6	6	6	6	6				
	00	9867	39	39	39	00	10	16	58	5	0	2	2	7	7	7	7	7	7	7				
	03	9876	39	38	38	00	14	58	5	0	2	2	7	7	7	7	7	7	7	7				
07	06	9886	40	39	38	29	05	66	6	0	2	2	7	7	7	7	7	7	7	7				
	09	9896	41	39	38	32	06	74	6	0	2	2	7	7	7	7	7	7	7	7				
	12	9893	39	38	36	00	00	74	6	0	2	2	7	7	7	7	7	7	7	7				
	15	9893	39	37	36	01	05	82	6	0	2	2	7	7	7	7	7	7	7	7				
	18	9898	39	38	37	11	10	82	6	0	2	2	7	7	7	7	7	7	7	7				
	21	9912	37	36	09	09	02	58	6	0	2	2	7	7	7	7	7	7	7	7				
	00	9928	36	36	13	09	74	5	0	2	2	7	7	7	7	7	7	7	7	7				
	03	9933	36	36	13	04	04	48	5	0	2	2	7	7	7	7	7	7	7	7				
	06	9933	38	38	13	07	48	50	5	0	2	2	7	7	7	7	7	7	7	7				
	09	9940	40	40	40	11	02	32	50	5	0	2	2	7	7	7	7	7	7	7				
08	12	9930	41	41	41	02	04	48	50</															

Results of Surface Observations,
MACQUARIE JUNE, 1962

DAY	LOCAL STANDARD TIME	STATION LEVEL PRESSURE mb x 10 ⁻¹	TEMPERATURES				SURFACE WIND		VISIBILITY	PRESENT WEATHER	LOW CLOUD			MIDDLE CLOUD			HIGH CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			EXTREME TEMPERATURES		
			DRY BULB °F	MET BULB °F	DEW POINT °F	DIRECTION = x 10	KT	VV			OKTS	WW	W	OKTS	C _L	C _M	C _H	D _L	D _M	D _H	D _L	D _M	D _H	KT	ST. MILES	POINTS	MAXIMUM °F	MINIMUM °F
10	00	9886	43	42	41	32	18	65	5	03	1	5	8	4				7										
	03	9886	42	42	41	33	19	80	3	80	8	3	2	4				7										
	06	9912	41	40	39	31	20	80	5	02	1	5	8	4				7										
	09	9946	40	39	38	29	17	74	6	80	9	5	8	4	4			7										
	12	9961	40	39	39	30	15	74	6	80	9	6	8	4				6										
	15	9982	39	37	34	28	11	80	6	80	8	5	8	4				6										
	18	9986	37	36	34	29	16	80	5	01	1	5	1	4				6										
	21	9991	37	35	31	29	18	80	3	80	8	3	3	4				6										
11	00	9995	36	35	28	29	19	80	3	89	1	3	3	4				6										
	03	9997	34	33	31	29	12	80	3	85	7	3	3	4				6										
	06	10002	34	34	34	25	14	80	4	85	7	4	3	4				6										
	09	10006	33	32	31	27	12	82	5	02	7	5	2	4				6										
	12	10006	32	32	31	26	18	82	5	26	7	5	2	4				6										
	15	10017	34	32	28	28	22	80	7	89	7	7	2	4				6										
	18	10027	34	33	31	28	20	80	4	02	7	4	2	4				6										
	21	10034	35	34	33	28	12	80	4	02	7	4	2	4				6										
12	00	10039	34	34	33	29	23	80	5	03	1	5	2	4				5										
	03	10040	34	33	28	27	22	80	2	01	1	2	1	4				5										
	06	10048	37	34	30	29	17	80	6	03	7	3	2	4				5										
	09	10045	38	35	34	27	16	74	7	03	2	7	0	4				5										
	12	10036	39	38	36	29	16	74	8	02	8	8	0	4				5										
	15	10027	39	38	37	29	15	74	8	02	8	8	0	4				5										
	18	10004	40	39	39	29	15	66	8	80	2	0	0	4				5										
	21	9979	39	39	32	01	66	8	50	5	5	5	4				7											
13	00	9974	39	38	37	14	03	74	8	21	5	3	5	4	1			7	7									
	03	9982	39	38	38	24	03	80	3	01	1	3	5	4				7										
	06	10009	40	40	40	25	03	48	7	51	5	7	5	2				9										
	09	10042	37	37	37	25	04	48	6	50	5	5	5	2				9										
	12	10060	37	36	35	25	02	56	5	50	5	6	1	2				0										
	15	10080	35	34	32	18	01	80	3	01	2	2	5	4	0	1		4										
	18	10088	35	34	32	27	01	80	2	02	2	2	5	4				0										
	21	10102	36	36	31	05	80	2	02	2	2	5	4				6											
14	00	10081	38	38	31	14	80	5	03	3	5	5	4				7											
	03	10068	40	40	40	31	18	80	4	02	2	4	4	4				7										
	06	10056	41	41	41	33	21	74	8	03	2	2	5	4				7										
	09	10056	42	42	42	33	10	63	8	03	2	2	5	2				9										
	12	10040	43	43	43	32	16	66	8	01	2	2	5	3				7										
	15	10025	43	43	43	32	20	66	8	02	2	2	5	4				7										
	18	10011	43	43	43	34	22	66	8	02	2	2	5	4				7										
	21	9999	44	44	44	34	23	63	8	02	2	2	5	2				7										
15	00	9980	44	44	44	34	26	58	8	50	5	5	5	3				7										
	03	9951	44	44	44	34	24	48	8	50	5	5	5	3				7										
	06	9933	43	43	43	33	22	58	8	50	5	5	5	3				7										
	09	9934	42	42	42	33	18	66	7	01	5	5	5	1				7										
	12	9908	44	44	44	34	26	48	8	63	7	01	5	2				8										
	15	9917	43	43	42	32	19	58	8	02	6	6	6	7				7										
	18	9930	42	42	41	31	17	74	8	02	6	6	6	5				7										
	21	9936	42	42	42	34	25	58	8	50	5	5	5	9				7										
16	00	9918	42	42	42	34	09	74	8	02	2	2	8	4				7										
	03	9988	44	44	44	36	15	58	8	50	5	5	5	4				8										
	06	9864	42	42	42	32	16	56	8	50	5	5	5	3				7										
	09	9859	41	41	40	32	20	63	7	01	5	5	7	4				7										
	12	9801	44	43	43	36	22	56	8	50	5	5	5	3				8										
	15	9715	45	45	45	35	26	16	8	55	6	6	6	2				8										
	18	9756	42	42	41	38	32	58	8	60	6	6	6	2				8										
	21	9763	43	41	38	32	25	80	0	02	7	7	7	0				7										
17	00	9778	43	41	38	31	17	80	4	03	1	0	0	0	9	4		7										
	03	9791	42	40	37	32	22	80	1	02	7	7	7	0	9	4		7										
	06	9802	42	42	41	33	21	80	2	02	7	7	7	0	9	4												

**Results of Surface Observations,
MACQUARIE JUNE, 1962**

LOCAL STANDARD TIME	STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND			VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	LOW CLOUD			MIDDLE CLOUD			HIGH CLOUD			DIRECTION OF CLOUD MOVEMENT	MAXIMUM WIND GUST	ANEMOMETER WIND RUN			EXTREME TEMPERATURES					
		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	PAST WEATHER				AMOUNT	CLOUD TYPE	BASE	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ST. MILES	POINTS	MAXIMUM	MINIMUM	ST. MILES	POINTS	°F	°F				
		°F	°F	°F	°x 10	kt	VV	Oktas	WW	W	Oktas	C _L	h	C _M	C _H	D _L	D _M	D _H	°x 10	kt	ST. MILES	POINTS	°F	°F	°F	°F				
19	00	9816	44	43	41	35	34	40	R	62	6	8	7	5	8	8	7	5	8	7	6	32	63	552	0015	47	42			
03		9795	45	44	43	34	32	48	R	62	5	9	7	5	8	8	7	5	8	7	6									
06		9817	44	42	41	31	21	65	R	12	2	2	2	2	3	8	4	3	2	2	1									
09		9854	42	42	41	34	10	55	R	12	2	3	6	3	6	9	7	2	2	1	1									
12		9786	43	43	43	36	10	04	R	60	6	9	7	2	2	2	2	1	1	1	1									
15		9673	45	45	45	01	22	20	R	63	6	9	7	2	2	2	2	1	1	1	1									
18		9600	45	44	43	32	35	58	R	63	6	3	7	5	3	6	9	7	2	2	1									
21		9670	42	39	33	31	45	74	R	01	1	4	1	4	1	4	1	4	1	4	1									
20	00	9711	42	39	34	32	39	74	R	02	0	4	1	4	1	4	1	4	1	4	1	7	31	63	864	0036	43	35		
03		9738	41	39	36	32	28	74	R	02	2	8	7	5	3	6	9	7	5	3	6									
06		9703	41	39	37	32	30	80	R	01	1	3	1	4	1	4	1	4	1	4	1									
09		9725	40	38	34	32	36	92	R	80	8	5	7	5	2	4	7	5	2	4	7									
12		9762	39	38	37	31	50	92	R	27	9	3	3	3	4	4	7	7	3	4	7									
15		9776	41	38	34	32	29	90	R	02	1	4	1	4	1	4	1	4	1	4	1									
18		9793	39	35	28	31	50	90	R	01	1	2	2	2	2	2	2	2	2	2	2									
21		9823	38	36	32	30	24	80	R	02	1	5	5	4	4	4	7	7	5	4	7									
21	00	9838	39	36	30	23	80	4	R	2	2	2	2	2	2	2	2	2	2	2	2	7	31	63	864	0036	43	35		
03		9839	37	36	34	33	21	80	R	02	2	8	4	4	4	4	4	4	4	4	4	7								
06		9817	41	39	37	32	22	80	R	01	1	3	1	4	1	4	1	4	1	4	1									
09		9798	37	37	37	37	36	56	R	50	5	8	5	2	2	2	2	2	2	2	2	7								
12		9753	41	41	41	34	11	56	R	61	6	5	5	2	2	2	2	2	2	2	2	7								
15		9726	43	43	43	34	29	56	R	63	6	5	5	2	2	2	2	2	2	2	2	7								
18		9728	40	40	40	35	22	48	R	65	6	5	5	2	2	2	2	2	2	2	2	7								
21		9748	39	39	37	27	10	80	R	01	5	5	5	4	4	4	4	4	4	4	4	9	31	43	524	0009	44	34		
22	00	9760	37	36	34	31	20	80	R	02	1	6	2	4	2	4	2	4	2	4	2	6								
03		9774	36	34	30	20	50	80	R	02	2	8	6	2	4	2	4	2	4	2	4	6								
06		9772	35	35	33	27	11	82	R	01	7	3	2	4	2	4	2	4	2	4	2	6								
09		9771	37	37	37	37	26	51	R	62	6	5	5	2	2	2	2	2	2	2	2	7								
12		9751	38	35	31	26	15	82	R	03	1	4	2	4	2	4	2	4	2	4	2	6								
15		9726	39	37	35	31	29	19	R	80	8	7	7	2	2	2	2	2	2	2	2	7								
18		9700	38	38	37	35	23	58	R	63	6	5	5	2	2	2	2	2	2	2	2	7								
21		9712	37	35	33	29	29	66	R	01	6	4	5	4	4	4	5	4	4	4	5	6	36	44	396	0041	41	34		
23	00	9721	36	34	31	27	11	80	R	02	1	3	2	4	2	4	2	4	2	4	2	6								
03		9731	37	35	32	29	13	80	R	02	2	8	3	2	4	2	4	2	4	2	4	6								
06		9736	35	35	32	27	10	80	R	02	2	8	3	2	4	2	4	2	4	2	4	6								
09		9754	35	34	33	27	08	82	R	87	7	4	9	4	4	4	4	4	4	4	4	6								
12		9768	37	35	32	29	10	82	R	87	7	4	9	4	4	4	4	4	4	4	4	6								
15		9797	37	35	31	27	22	82	R	02	8	5	8	4	4	4	4	4	4	4	4	6								
18		9800	36	35	35	28	28	66	R	80	8	6	5	4	4	4	4	4	4	4	4	6								
21		9815	35	35	35	27	28	58	R	89	8	5	4	4	4	4	4	4	4	4	4	6	27	48	357	0010	38	35		
24	00	9843	35	35	35	24	14	66	R	85	8	8	9	4	4	4	4	4	4	4	4	4	5	18	35	394	0020	37	28	
03		9872	35	34	32	19	11	74	R	83	8	5	9	4	4	4	4	4	4	4	4	4	6							
06		9951	37	35	32	18	22	74	R	05	7	5	9	4	4	4	4	4	4	4	4	4	7							
09		9975	36	35	33	20	20	80	R	03	8	4	9	4	4	4	4	4	4	4	4	4	7							
12		10015	32	30	26	20	16	80	R	86	7	7	7	2	2	2	2	2	2	2	2	2	1							
15		10034	30	29	26	20	09	65	R	86	7	7	7	2	2	2	2	2	2	2	2	2	1							
18		10056	29	28	26	18	07	65	R	88	7	7	7	2	2	2	2	2	2	2	2	2	1							
21		10075	28	26	22	19	10	74	R	01	7	3	5	4	4	4	4	4	4	4	4	4	9	18	35	394	0020	37	28	
25	00	10077	30	28	25	19	74	7	R	03	2	7	5	4	4	4	4	4	4	4	4	4	9							
03		10079	28	27	25	20	02	80	R	02	2	8	5	4	4	4	4	4	4	4	4	4	7							
06		10075	29	27	23	00	09	92	R	02	1	4	4	4	4	4	4	4	4	4	4	4	7							
09		10058	30	28	24	01	04	92	R	03	1	4	4	4	4	4	4	4	4	4	4	4	7							
12		10033	33	31	28	01	17	80	R	02	2	5	4	4	4	4	4	4	4	4	4	4	7							
15		9993	37	33																										

Results of Surface Observations,
MACQUARIE JUNE, 1962

LOCAL STANDARD TIME		TEMPERATURES						SURFACE WIND		PRESENT WEATHER						LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			EXTREME TEMPERATURES		
DAY	HOUR	STATION LEVEL PRESSURE mb $\times 10^{-1}$	DRY BULB °F	WET BULB °F	Dew Point °F $\times 10$	Direction	Speed kt	VV Oktas	Visibility mi	Fast Weather	Cloud Amount Oktas	C _L Type	C _M Base	C _H High Cloud	D _L Low	D _M Middle	D _H High	Direction ° $\times 10$	Speed kt	Anemometer Wind Run St. miles	Points	Maximum Wind Run mi	Minimum Wind Run mi	Precipitation			
28	00	10135	38	35	30	29	21	2	2	0	1	5	4	4	6	6	6	6	6	6	6	6	6	6	6		
	03	10135	38	36	33	29	17	2	2	0	2	5	4	4	6	6	6	6	6	6	6	6	6	6	6		
	06	10141	39	37	34	31	20	2	2	0	2	5	4	4	6	6	6	6	6	6	6	6	6	6	6		
	09	10150	39	38	37	29	16	2	2	0	2	5	4	4	6	6	6	6	6	6	6	6	6	6	6		
	12	10153	41	39	36	31	10	80	5	01	8	4	1	2	4	1	1	1	1	1	1	1	1	1	1		
	15	10159	39	39	38	31	09	80	8	03	1	2	4	1	2	7	7	7	7	7	7	7	7	7	7		
	18	10157	40	40	40	34	10	04	8	45	5	5	5	5	1	7	7	7	7	7	7	7	7	7	7		
	21	10148	40	40	40	36	14	02	8	45	4	9	9	9	1	8	8	8	8	8	8	8	8	8	8		
	00	10134	41	41	41	35	15	02	8	51	4	8	6	2	7	7	7	7	7	7	7	7	7	7	7		
	03	10115	42	42	42	34	20	16	8	02	5	4	4	6	2	7	7	7	7	7	7	7	7	7	7		
	06	10095	43	43	43	34	21	16	8	50	5	4	4	6	1	7	7	7	7	7	7	7	7	7	7		
	09	10078	43	43	42	34	21	6	8	02	2	2	2	2	2	7	7	7	7	7	7	7	7	7	7		
	12	10058	44	43	42	35	21	74	8	02	2	2	2	2	2	7	7	7	7	7	7	7	7	7	7		
	15	9992	45	44	43	35	24	6	8	02	2	2	2	2	2	7	7	7	7	7	7	7	7	7	7		
	18	9987	45	44	43	35	29	6	8	02	2	2	2	2	2	7	7	7	7	7	7	7	7	7	7		
	21	9994	43	43	43	33	18	16	8	63	2	2	2	2	2	7	7	7	7	7	7	7	7	7	7		
29	00	10004	41	40	40	00	00	16	8	63	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0		
	03	9993	40	40	40	40	20	05	16	9	53	3	3	3	3	3	0	0	0	0	0	0	0	0	0		
	06	9962	39	39	39	14	20	16	8	63	1	2	2	2	2	3	3	3	3	3	3	3	3	3	3		
	09	9932	39	39	39	16	24	32	8	61	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3		
	12	9889	38	38	38	16	24	58	8	51	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3		
	15	9854	38	38	38	18	17	58	8	53	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3		
	18	9846	35	35	35	18	32	8	57	5	2	2	2	2	2	4	4	4	4	4	4	4	4	4	4		
	21	9907	35	34	33	22	18	32	8	51	2	2	2	2	2	5	2	2	2	2	2	2	2	2	2		
	00	10004	41	40	40	00	00	16	8	63	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0		
	03	9993	40	40	40	40	20	05	16	9	53	3	3	3	3	3	0	0	0	0	0	0	0	0	0		
	06	9962	39	39	39	14	20	16	8	63	1	2	2	2	2	3	3	3	3	3	3	3	3	3	3		
	09	9932	39	39	39	16	24	32	8	61	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3		
	12	9889	38	38	38	16	24	58	8	51	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3		
	15	9854	38	38	38	18	17	58	8	53	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3		
	18	9846	35	35	35	18	32	8	57	5	2	2	2	2	2	4	4	4	4	4	4	4	4	4	4		
	21	9907	35	34	33	22	18	32	8	51	2	2	2	2	2	5	2	2	2	2	2	2	2	2	2		

Results of Surface Observations,
MACQUARIE JULY, 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE inb x 10 ⁻¹	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	LOW CLOUD			MIDDLE CLOUD			HIGH CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN			PRECIPITATION		EXTREME TEMPERATURES	
				DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION x 10	SPEED kt				Octas	WW	W	Octas	C _L	Type	AMOUNT	C _M	C _H	D _L	D _M	D _H	LOW	MIDDLE	HIGH	DIRECTION	SPEED	St. miles	Points	MAXIMUM °F	MINIMUM °F
01	00	9969	36	35	32	29	09	74	3	01	6	3	2	4																		
	03	9984	37	35	33	29	10	82	2	01	0	2	1	4																		
	06	9953	39	37	34	02	03	80	8	03	1	2	5	4																		
	09	9923	38	38	38	10	14	58	8	61	6	2	7	3																		
	12	9884	43	42	42	34	18	66	8	60	5	2	5	4																		
	15	9879	40	40	39	31	28	74	8	02	5	4	1	4																		
	18	9898	38	38	38	30	25	80	4	01	5	4	1	4																		
	21	9898	39	38	37	32	21	82	3	01	1	3	1	4																		
02	00	9894	37	37	37	31	30	74	5	80	1	5	2	4																		
	03	9889	39	37	34	31	26	74	5	02	2	5	2	4																		
	06	9898	38	36	33	29	26	74	6	02	8	6	5	4																		
	09	9900	37	35	32	29	21	74	6	02	2	3	1	4																		
	12	9892	37	35	32	29	14	80	7	02	2	3	1	4																		
	15	9890	36	35	32	29	09	80	8	03	2	3	1	4																		
	18	9891	35	34	32	20	04	80	8	02	6	2	1	4																		
	21	9896	35	33	29	05	82	3	02	1	3	1	4																			
03	00	9890	36	34	31	31	07	80	2	01	2	2	1	4																		
	03	9876	37	35	31	10	80	2	02	1	2	1	4																			
	06	9836	36	36	36	01	17	16	6	58	5	2	1	4																		
	09	9780	40	40	40	26	56	28	16	59	5	2	1	4																		
	12	9749	42	42	42	34	15	48	8	01	2	3	1	4																		
	15	9713	42	42	41	36	12	74	8	02	2	3	1	4																		
	18	9689	42	42	41	36	20	74	8	02	2	3	1	4																		
	21	9682	39	37	33	33	31	74	6	20	1	2	1	4																		
04	00	9666	39	37	33	34	30	80	4	01	2	4	2	4																		
	03	9644	38	36	33	24	26	80	4	01	1	4	2	4																		
	06	9663	38	36	38	25	13	58	8	80	1	2	5	4																		
	09	9699	36	35	32	20	30	56	7	80	1	2	5	4																		
	12	9728	35	34	32	28	19	56	7	83	8	7	8	4																		
	15	9802	32	31	30	27	24	56	7	83	8	7	8	4																		
	18	9833	31	30	29	28	24	74	5	22	8	5	2	4																		
	21	9854	30	29	25	20	80	5	22	8	5	2	4																			
05	00	9855	30	28	24	27	22	80	3	01	1	3	2	4																		
	03	9882	29	29	25	27	18	80	4	01	1	3	3	4																		
	06	9899	30	29	27	22	11	80	3	01	1	3	3	4																		
	09	9918	29	25	18	25	05	80	2	01	1	2	1	4																		
	12	9914	34	34	32	28	19	56	7	80	7	03	1	7																		
	15	9907	35	34	32	28	17	80	4	01	1	4	2	4																		
	18	9933	32	31	28	24	80	5	02	1	5	2	4																			
	21	9968	30	28	23	25	17	80	5	02	1	5	3	4																		
06	00	9984	33	30	24	29	20	80	7	87	7	7	3	4																		
	03	10016	34	31	26	27	21	80	8	03	2	8	3	4																		
	06	10024	35	33	30	28	17	74	8	02	2	8	3	4																		
	09	10011	37	35	31	31	19	74	8	02	2	5	3	4																		
	12	9964	39	39	39	32	26	48	8	51	2	8	2	4																		
	15	9977	40	38	36	28	22	74	6	25	8	5	2	4																		
	18	9977	39	37	35	28	22	80	5	02	1	5	2	4																		
	21	9970	40	38	35	29	17	80	6	02	1	6	1	4																		
07	00	9921	41	41	41	34	18	58	8	61	6	5	7	3																		
	03	9887	41	39	38	31	17	58	8	61	6	5	7	3																		
	06	9531	39	36	31	29	40	58	8	02	6	8	5	4																		
	09	9978	39	35	35	28	33	65	6	01	2	6	6	4																		
	12	9990	40	36	30	29	23	74	6	02	2	6	6	4																		
	15	9988	39	36	31	29	20	74	8	01	1	1	1	4																		
	18	9977	39	36	31	21	20	10	66	7	01	2	7	4	4			</td														

Results of Surface Observations,
MACQUARIE JULY, 1962

LOCAL STANDARD TIME		STATION LEVEL PRESSURE mbar x 10 ⁻¹	TEMPERATURES			SURFACE WIND			PRESENT WEATHER Okta	PAST WEATHER Okta	LOW CLOUD			MIDDLE CLOUD			HIGH CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN		EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION °x 10 ³	SPEED kt	VISIBILITY mi			C _L TYPE	C _M BASE	C _H TYPE	D _L LOW	D _M MIDDLE	D _H HIGH	DIRECTION °x 10 ³	kt	mi/h	Points	MAXIMUM	MINIMUM	PRECIPITATION					
			mbar x 10 ⁻¹	°F	°F	°F	°x 10 ³	mi	Okta	Okta	h	h	h	D _L	D _M	D _H	DIRECTION °x 10 ³	kt	mi/h	Points	MAXIMUM	MINIMUM						
10	00	10290	40	39	39	29	23	6.5	0	0	5	5	5	6	6	6	6	6	6	511	0002	42	39					
	03	10280	40	39	38	29	24	7.4	0	0	5	5	5	6	6	6	6	6	6									
	06	10274	40	39	38	29	25	7.4	0	0	5	5	5	6	6	6	6	6	6									
	09	10281	40	40	39	27	26	7.4	0	0	5	5	5	6	6	6	6	6	6									
	12	10279	41	41	40	27	23	7.4	0	0	5	5	5	6	6	6	6	6	6									
	15	10290	41	41	41	28	23	4.8	0	0	5	5	5	6	6	6	6	6	6									
	18	10304	41	41	41	28	23	4.8	0	0	5	5	5	6	6	6	6	6	6									
	21	10314	41	41	41	27	22	4.8	0	0	5	5	5	6	6	6	6	6	6									
11	00	10322	41	41	40	29	20	5.8	0	0	5	5	5	6	6	6	6	6	6									
	03	10325	41	40	39	28	23	5.6	0	0	5	5	5	6	6	6	6	6	6									
	06	10321	39	39	39	29	24	5.6	0	0	5	5	5	6	6	6	6	6	6									
	09	10319	39	39	39	29	25	7.4	0	0	5	5	5	6	6	6	6	6	6									
	12	10312	40	39	39	29	22	8.2	7	0	5	5	5	6	6	6	6	6	6									
	15	10306	40	39	39	29	25	7.4	7	0	5	5	5	6	6	6	6	6	6									
	18	10296	40	39	39	29	24	6.6	7	0	5	5	5	6	6	6	6	6	6									
	21	10295	40	39	39	29	22	6.6	6	0	5	5	5	6	6	6	6	6	6									
12	00	10287	40	39	39	29	23	6.6	7	0	5	5	5	6	6	6	6	6	6									
	03	10274	40	39	39	31	24	6.6	8	0	5	5	5	6	6	6	6	6	6									
	06	10261	39	39	39	32	24	7.4	5	0	1	1	3	5	5	5	5	5	5									
	09	10255	40	39	38	31	22	8.0	7	0	1	1	5	5	5	5	5	5	5									
	12	10246	40	40	40	31	19	8.0	7	0	2	2	7	5	5	5	5	5	5									
	15	10237	40	40	40	31	24	8.0	5	0	1	1	7	1	1	1	1	1	1									
	18	10238	40	40	40	31	19	8.0	7	0	3	1	7	1	1	1	1	1	1									
	21	10235	39	39	39	32	20	4.8	7	0	2	2	7	6	6	6	6	6	6									
13	00	10218	38	38	37	31	23	6.6	8	0	2	5	8	6	4	4	4	4	4									
	03	10209	40	40	39	32	18	7.4	8	0	2	2	7	5	4	4	4	4	4									
	06	10195	41	41	41	32	18	7.4	7	0	1	2	7	5	4	4	4	4	4									
	09	10187	41	41	41	32	19	9.0	4	0	5	5	5	7	2	2	2	2	2									
	12	10176	41	41	41	32	11	0.4	8	0	5	5	5	7	2	2	2	2	2									
	15	10169	41	41	41	32	10	0.3	8	0	5	5	5	7	0	0	0	0	0									
	18	10151	41	41	41	34	11	0.2	8	47	4	8	8	7	0	0	0	0	0									
	21	10150	41	41	41	33	11	0.2	8	51	5	5	5	7	0	0	0	0	0									
14	00	10134	41	41	41	34	13	0.2	8	47	4	8	8	6	0	0	0	0	0									
	03	10123	42	42	42	34	13	0.4	8	43	4	8	8	6	0	0	0	0	0									
	06	10108	41	41	41	34	12	0.1	8	47	4	8	8	6	0	0	0	0	0									
	09	10099	42	42	42	34	12	1.1	8	45	4	8	8	6	0	0	0	0	0									
	12	10077	41	41	41	34	12	0.8	8	40	4	8	8	6	2	2	2	2	2									
	15	10053	42	42	42	36	12	0.8	7	47	4	8	8	6	2	2	2	2	2									
	18	10057	42	42	42	36	0.9	0.2	8	45	4	8	8	6	0	0	0	0	0									
	21	10017	41	41	41	0.1	12	0.4	8	51	5	5	5	7	0	0	0	0	0									
15	00	9991	41	41	41	35	17	0.8	8	51	5	5	5	7	0	0	0	0	0									
	03	9971	41	41	41	32	13	0.8	8	51	5	5	5	7	0	0	0	0	0									
	06	9973	38	37	34	27	18	7.4	3	0	1	1	5	5	5	5	5	5	5									
	09	9987	37	36	34	27	18	8.0	7	0	2	2	7	5	5	5	5	5	5									
	12	10015	37	37	34	30	23	1.8	8.0	7	0	2	2	7	5	5	5	5	5									
	15	10042	37	35	32	22	1.0	8.2	7	0	2	2	7	5	5	5	5	5	5									
	18	10076	37	37	32	23	1.7	8.0	7	0	2	2	7	5	5	5	5	5	5									
	21	10101	36	32	23	2.5	1.9	8.0	7	0	2	2	7	5	5	5	5	5	5									
16	00	10118	37	33	26	26	20	8.0	8	0	2	2	7	5	5	5	5	5	5									
	03	10135	36	34	30	27	19	8.0	8	0	2	2	7	5	5	5	5	5	5									
	06	10149	37	35	32	27	19	8.0	4	0	1	1	5	5	5	5	5	5	5									
	09	10175	37	35	32	27	18	8.0	5	0	2	2	7	5	5	5	5	5	5									
	12	10170	38	36	32	29	14	8.0	7	0	2	2	7	5	5	5	5	5	5									
	15	10172	38	35	32	29	17	8.0	7	0	2	2	7	5	5	5	5	5	5									
	18	10169	37	35	33	29	21	8.2	5	0	1	1	5	5	5	5	5	5	5									
	21	10162	38	37	35	31	21	8.2	8	0	2	2	7	5	5	5	5	5	5									
17	00	10137	40	39	38	35	27	8.0	8	0	2	2	7	5	5	5	5	5	5									
	03	10105	41	39	38	33	30	7.4	7	0	2	2	7	5	5	5	5	5	5									
	06	10070	42	41	40	33	37	7.4	7	0	2	2	7	5	5	5	5	5	5									
	09	10073	43	42	41	34	32	7.4	7	0	2	2	7	5	5	5	5	5	5									
	12	10076	41	38	32	51	29	3.0	8.0	6	0	2	2	7	5	5	5	5	5									
	15	10095	40	36	31	29	29	3.0	8.0	6	0	1	1	5	5	5	5	5	5									
	18	10119	40	36	29	29	26	8.0	8	0	1	1	5	5	5	5	5	5	5									
	21	10154	39	35	28	29	26	8.0	8	0	1	1	5	5														

Results of Surface Observations,
MACQUARIE JULY, 1962

LOCAL STANDARD TIME	STATION LEVEL PRESSURE	TEMPERATURES				SURFACE WIND		VISIBILITY	CLOUD AMOUNT	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST	ANEMOMETER WIND RUN	EXTREME TEMPERATURES					
		DRY BULB		WET BULB		DEW POINT	DIRECTION			Oktas	PAST WEATHER	LOW CLOUD	MIDDLE CLOUD	HIGH CLOUD	DIRECTION	SPEED	St. miles	Points	MAXIMUM	MINIMUM
		Day	Hour	°F	°F	°F	°x 10	kt	VV	WW	C _L	C _M	C _H	D _L	D _M	D _H	°x 10	kt	°F	°F
	mb x 10 ⁻¹																			
19		00	10022	42	41	41	31	23	15	8	50	5	5	7						
		03	10032	42	40	40	31	17	58	8	01	5	5	7						
		06	10034	42	41	40	32	19	58	8	50	5	5	7						
		09	10039	40	40	39	31	23	66	6	01	5	5	6						
		12	10031	41	40	39	37	31	25	74	7	02	5	5	6					
		15	10011	41	40	39	32	30	80	7	02	2	7	5						
		18	9995	42	41	38	32	30	80	8	02	2	7	5						
		21	9957	42	42	41	32	35	16	8	03	2	8	6						
20		00	9949	42	41	39	31	32	58	8	02	2	7	5						
		03	9942	41	39	36	30	33	66	7	02	2	8	7						
		06	9956	38	35	29	28	30	74	7	02	2	8	7						
		09	9994	32	30	27	20	16	82	3	01	2	7	5						
		12	10023	50	29	26	20	12	80	3	02	2	7	5						
		15	10045	35	32	26	27	26	58	7	05	2	7	5						
		18	10051	36	32	23	27	30	58	7	08	2	7	3						
		21	10082	30	29	25	27	34	74	6	02	2	8	6						
21		00	10097	36	35	26	27	33	74	7	02	2	7	2						
		03	10115	37	34	28	32	34	74	6	02	2	6	6						
		06	10119	37	35	31	27	26	80	5	01	1	5	6						
		09	10106	37	35	32	27	30	82	7	03	2	7	6						
		12	10093	37	36	34	29	35	58	9	05	2	7	6						
		15	10089	37	36	34	27	35	66	5	00	2	7	6						
		21	10115	38	36	34	27	32	48	8	00	2	7	6						
22		00	10126	38	37	36	27	30	66	8	02	2	7	6						
		03	10130	38	37	37	29	25	66	4	02	2	6	6						
		06	10125	37	37	36	29	21	66	9	02	2	6	6						
		09	10120	37	37	36	29	21	65	9	02	2	6	6						
		12	10094	39	37	36	29	26	74	6	02	2	8	6						
		15	10068	40	39	38	31	26	74	6	02	2	8	5						
		21	10028	41	41	34	28	28	58	6	02	2	8	6						
23		00	9954	43	43	43	34	54	48	8	61	5	8	7						
		03	9938	42	42	42	31	21	48	8	61	5	8	7						
		06	9972	38	37	37	18	24	48	8	02	6	8	7						
		09	10002	36	35	33	17	19	48	8	60	6	8	7						
		12	9989	35	34	33	13	23	16	8	71	7	8	7						
		15	9965	36	35	34	14	24	58	8	60	7	5	7						
		21	9916	38	38	37	14	19	16	8	69	6	8	7						
24		00	9912	38	38	38	18	15	48	8	60	6	8	7						
		03	9953	36	35	35	22	12	66	8	02	6	8	7						
		06	9961	35	34	31	26	11	74	4	01	6	4	5						
		09	9987	37	35	33	28	22	66	7	02	2	7	4						
		12	9994	38	37	35	28	24	74	6	02	2	7	4						
		15	10009	38	36	34	28	26	90	7	03	2	7	4						
		18	10019	38	37	36	29	22	80	5	01	1	5	8						
		21	10031	39	38	37	29	28	66	8	50	2	8	5						
25		00	10069	38	38	38	29	29	74	6	01	5	6	5						
		03	10088	38	37	35	27	23	80	5	02	5	6	5						
		06	10117	37	35	35	20	80	4	02	5	6	5							
		09	10142	37	37	36	28	10	80	7	02	2	7	5						
		12	10143	36	36	36	30	11	80	5	02	2	7	5						
		15	10145	36	36	36	31	12	48	6	02	2	7	5						
		18	10147	37	37	37	35	09	58	5	01	1	5	8						
		21	10142	37	37	36	10	48	8	50	2	8	5							
26		00	10120	38	38	38	04	04	04	8	47	5	5	5						
		03	10090	39	39	39	08	05	48	8	50	5	5	5						
		06	10047	41	41	41	10	10	48	8	52	5	5	5						
		09	9998	41	41	41	13	20	48	8	51	5	5	5						
		12	9935	44	43	43	01	23	08	8	45	5	5	5						
		15	9903	44	44	44	01	17	04	8	47	4	4	4						
		18	9887	43	43	43	02	15	04	8	45	4	4	4						
		21	9839	43	43	43	04	03	04	8	53	5	5	5						
27		00	9813	43	45	43	02	10	08	8	59	5	8	7	2					
		03	9790	42	42	42	04	04	08	8	59	5	8	7	2					
		06	9786	42	42	42	27	10	08	8	51	5	8	7	2					
		09	9816	39	39	39	27	14	16	8	50	5	8	7	2					
		12	9843	39	39	38	27	14	16	8	52	5	8	7	2					
		15	9858	39	39	37	29	12	48	8	58	5	8	7	2					
		18	9868	38	38	37	29	17	48	8	58	5	8	7	2					
		21	9897	35	33	28	27	22	74	8	01	7	3	2	4					

Results of Surface Observations,
MACQUARIE JULY, 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE inb x 10 ⁻¹	TEMPERATURES			SURFACE WIND			PRESENT WEATHER	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			EXTREME TEMPERATURES					
				DRY BULB °F	WET BULB °F	DEW POINT °F	DEW POINT °F x 10	DIRECTION	SPEED kt		VV Okta	WW Okta	PAST WEATHER	AMOUNT CLOUD VISIBILITY	CLOUD AMOUNT C _L	TYPE C _M	BASE h	MIDDLE CLOUD C _M	HIGH CLOUD C _H	DIRECTION OF WIND kt x 10	MAXIMUM WIND GUST kt	ANEMOMETER WIND RUN St.miles	PRECIPITATION Points	MAXIMUM °F	MINIMUM °F
28	00	9939	33	31	27	28	18	80	3	26	0	0	3	2	4				6						
	03	9956	34	33	31	26	21	80	3	02	0	0	3	2	4				6						
	06	9992	35	34	32	28	17	74	8	03	0	0	2	2	5	4			5						
	09	10017	36	34	28	31	20	74	7	02	0	0	2	7	5	4			5						
	12	10015	37	35	31	22	20	70	0	0	1	1	2	1	4				7						
	15	10075	40	39	36	33	26	74	8	03	1	1	2	5	4				7						
	18	9992	41	40	38	35	28	74	2	01	1	2	5	4					7						
	21	9978	41	40	39	34	30	74	8	03	2	0	5	4					7						
29	00	9957	41	41	41	35	35	59	20	50	2	0	6	4					7						
	03	9942	42	41	39	35	32	59	20	50	5	0	6	4					7						
	06	9947	42	41	40	34	29	55	0	02	2	2	8	5	4				7						
	09	9991	43	42	41	34	30	55	8	02	2	2	8	5	4				7						
	12	9837	43	43	42	34	37	56	8	02	2	2	8	6	4				7						
	15	9792	43	43	43	34	38	16	8	03	2	2	8	6	5				7						
	18	9844	38	36	34	26	14	58	8	02	2	2	8	6	4				6						
	21	9892	37	36	35	27	11	74	3	01	1	3	5	4				6							
30	00	9915	35	34	32	22	02	82	0	01	0	0	0	0				2	7						
	03	9935	35	33	29	18	02	92	2	03	0	0	0	0				4	5						
	06	9959	35	33	29	00	00	82	3	03	0	0	0	0					1	4					
	09	9990	36	34	31	18	13	92	7	03	1	3	1	4					1	4					
	12	10003	36	35	33	16	17	80	7	03	1	5	1	4					3						
	15	10023	34	34	34	14	22	66	6	03	1	5	2	3					3						
	18	10040	34	35	32	15	22	65	7	03	1	5	2	3					3						
	21	10063	32	32	32	16	21	48	8	05	0	0	0	0					4						
31	00	10065	34	33	29	14	17	74	3	01	0	3	3	4				14	30		289	0.004	37	32	
	03	10057	34	31	26	14	17	80	3	02	0	3	2	4					3						
	06	10053	33	31	26	13	11	80	3	02	0	3	1	4					3						
	09	10059	34	33	30	11	14	80	5	03	1	5	1	4					1						
	12	10007	35	33	31	11	10	80	4	02	1	4	1	4					2						
	15	9970	34	32	27	11	06	74	6	03	1	5	1	5					2						
	18	9942	35	33	29	11	08	74	3	01	1	3	1	5					24		291	0.005	36	33	
	21	9907	35	32	27	08	07	80	1	01	0	1	0	1											

Results of Surface Observations,
MACQUARIE AUGUST, 1962

LOCAL STANDARD TIME		STATION LEVEL PRESSURE				TEMPERATURES			SURFACE WIND		PRESENT WEATHER			LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			EXTREME TEMPERATURES		
DAY	HOUR	inHg x 10 ⁻¹	°F	°F	°F	DEN POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PAST WEATHER	AMOUNT	TYPE	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM			
										Oktas	WW	W	Oktas	C _L	C _M	C _H	D _L	D _M	D _H	x 10	kt	St.miles	Points	=F	=F
01	00	9865	36	34	31	04	03	82	2	02	3	2	1	5						2					
01	03	9834	38	37	35	04	07	82	4	03	3	4	1	5						1					
01	06	9782	40	40	40	02	10	58	8	61	6	9	7	4						8					
01	09	9761	42	42	42	03	31	58	8	61	6	8	7	3						8					
12	00	9760	42	42	42	03	14	60	8	02	6	8	7	2						7					
15	00	9769	42	42	42	02	32	11	66	8	02	2	6	6	3					7					
18	00	9781	41	41	41	04	12	74	2	02	1	2	6	3						7					
21	00	9795	42	41	40	04	22	74	4	03	1	4	1	4						7					
02	00	9801	42	41	40	01	31	22	74	5	02	3	3	1	4					7					
02	03	9809	41	39	38	01	24	74	5	02	3	3	1	4						7					
02	06	9827	40	38	36	01	23	80	3	02	3	3	1	4						7					
02	09	9843	39	39	38	01	23	80	7	03	8	4	2	4						6					
12	00	9830	40	38	37	02	29	74	8	80	8	8	2	4						7					
15	00	9820	38	38	38	02	32	35	66	8	87	8	8	3	4					7					
18	00	9845	41	39	37	01	28	74	8	02	2	7	2	4						6					
21	00	9852	41	40	37	01	26	74	6	02	2	6	1	4					7						
03	00	9856	41	40	59	32	21	66	8	02	2	8	5	4						7					
03	03	9822	40	40	40	04	34	28	58	8	61	2	8	5	4					7					
03	06	9800	43	43	43	03	35	58	8	02	6	9	5	4						7					
03	09	9841	34	34	34	03	23	04	58	8	71	6	9	7	2					5					
12	00	9848	35	35	35	05	29	74	8	80	8	8	2	4						6					
15	00	9872	34	35	35	01	27	07	74	8	02	7	8	1	4					6					
18	00	9912	32	32	31	29	07	06	80	1	02	8	1	2	4					6					
21	00	9933	35	35	28	29	10	80	1	02	1	1	2	4						34	50	520	0030	44	32
04	00	9931	35	33	33	32	18	58	8	70	3	8	5	4						7					
04	03	9961	31	31	29	12	60	58	8	70	7	5	5	4						7					
04	06	9979	35	33	31	29	18	66	58	87	7	5	3	4						6					
04	09	9974	34	33	31	29	21	05	7	85	8	7	2	4						6					
12	00	9978	35	33	32	28	27	74	6	26	8	6	3	4						6					
15	00	9985	35	34	33	28	24	80	6	27	8	6	2	4						6					
18	00	10020	35	34	34	26	11	30	80	1	2	2	2	4						6					
21	00	10026	35	35	33	25	10	80	N	01	1	2	2	4						6					
05	00	10027	36	35	34	27	15	74	8	03	8	8	1	4						6					
05	03	10011	37	36	34	31	23	74	8	02	2	2	2	2						7					
05	06	9971	39	38	38	25	74	8	03	2	2	2	1	4						7					
05	09	9955	41	41	40	33	31	74	8	02	2	2	2	5	4					7					
12	00	9860	42	42	42	33	28	38	58	8	61	2	8	7	4					6					
15	00	9858	39	38	36	29	31	74	8	01	6	5	5	4						6					
18	00	9884	39	37	35	29	31	74	6	01	8	6	2	4						6					
21	00	9899	39	38	37	29	30	74	3	01	1	3	2	4						6					
06	00	9924	38	37	35	28	27	66	7	80	1	7	2	4						6					
06	03	9942	38	36	33	29	24	80	1	02	1	1	1	4						6					
06	06	9957	39	38	37	31	18	74	6	03	1	1	1	4						6					
06	09	9946	39	38	38	33	13	58	8	61	6	8	7	3						7					
12	00	9932	43	43	43	32	28	66	8	61	6	8	7	3						7					
15	00	9934	44	43	43	32	28	65	8	02	6	8	6	4						7					
18	00	9934	44	44	44	34	24	74	7	02	2	2	2	8						7					
21	00	9951	43	43	43	32	28	58	8	02	2	8	5	4						7					
07	00	9948	43	43	43	33	25	66	3	01	1	3	6	4						7					
07	03	9941	43	43	43	33	25	63	8	03	1	8	5	4						7					
07	06	9931	43	43	43	34	23	74	5	02	1	5	5	4						7					
07	09	9916	43	43	43	34	23	66	8	02	2	7	5	4						7					
12	00	9898	44	44	44	34	24	74	7	01	1	5	5	4						7					
15	00	9884	44	43	43	34	23	74	8	02	2	2	2	8						7					
18	00	9854	44	43	42	34	28	74	8	02	2	2	2	8						7					
21	00	9808	42	41	40	35	16	58	8	60	2	8	5	4						6					
08	00	9853	36	35	35	33	27	15	66	8	02	6	8	5	4					6					
08	03	9890	37	35	32	28	21	66	8	80	8	8	2	4						6					
08	06	9907	38	36	33	31	24	74	4	02	2	4	1	4						7					
08	09	9936	37	36	33	30	20	74	4	02	2	4	2	4						7					
12	00	9950	38	35	30	20	23	80	6	02	2	5	2	4						7					
15	00	9942	40	38	35	33	20	80	7	03	2	4	1	4						7					
18	00	9908	41	41	41	34	27	58	8	50	8	8	2	4						7					
21	00	9886	40	39	37	32	26	66	8	02	6	8	6	4						7					
09	00	9932	38	35	30	29	28	74	6	01	8	6	1	4						6					
09	03	9943	38	36	32	1	28	80	4	02	4	4	2	4						6					
09	06	9961	38	36	32	30	23	74	5	02	2	5	1	4						6					
09	09	9979	38	36	33	28	22	74	6	02	2	6	2	4						6					
12	00	9978	39	36	31	21	22	74	5	02	2	6	3	4						7					
15	00	9983	38	35	31	29	23	66	7	02	2	6	3	4						6					
18	00	9971	38	36	31	30	23	66	5	02	2	6	3	4						6					
21	00	9937	39	38	37	32	26	66	6	80	8	6	2	4						7					

Results of Surface Observations,
MACQUARIE AUGUST, 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND			PRESENT WEATHER	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			EXTREME TEMPERATURES			
				DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY		CLOUD AMOUNT	PAST WEATHER	TYPE	AMOUNT	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM
				mb x 10 ⁻¹	°F	°F	° x 10	kt	VV Oktas	WW Oktas	W Oktas	C _L	b	C _M	C _H	D _L	D _M	D _H	° x 10	kt	St.miles	Points	°F
10	00	9923	38	37	34	30	22	80	5	80	9	5	2	4				6					
	03	9950	36	33	28	27	12	80	4	82	8	4	3	2	4			6					
	06	9994	35	32	26	25	16	80	4	87	8	4	3	2	4			6					
	09	10047	33	32	29	21	15	80	5	87	9	7	4	4				5					
	12	10111	32	31	28	21	17	80	7	83	9	7	4	4				5					
	15	10140	33	32	30	23	14	74	7	02	8	7	4	4				5					
	18	10161	35	33	29	25	16	74	7	02	2	7	4	4				6					
	21	10170	37	34	29	28	23	74	8	02	2	8	5	4				6					
11	00	10172	38	37	34	28	29	66	8	02	2	8	5	4				6					
	03	10185	38	37	35	27	28	66	8	02	2	8	5	4				6					
	06	10196	39	36	32	28	26	74	4	21	1	4	5	4				6					
	09	10218	37	35	32	28	26	80	5	83	8	6	5	4				6					
	12	10226	37	35	32	29	19	80	6	83	8	6	5	4				6					
	15	10234	39	36	32	28	23	74	6	02	2	7	4	4				6					
	18	10253	38	37	35	23	10	66	7	60	6	7	4	4				6					
	21	10267	39	38	37	28	15	74	8	02	6	7	5	4				6					
12	00	10267	39	38	37	28	22	66	8	60	5	8	5	4				6					
	03	10270	39	38	37	28	20	66	8	02	5	8	5	4				6					
	06	10282	38	37	36	27	19	66	8	02	5	8	5	4				6					
	09	10284	39	38	37	27	19	68	8	02	5	8	5	4				6					
	12	10274	40	40	39	27	17	68	8	02	2	8	5	4				6					
	15	10262	40	39	38	28	22	80	8	02	2	8	5	4				6					
	18	10251	39	38	38	28	16	80	8	01	1	3	5	2				6					
	21	10238	40	39	39	29	20	66	8	50	2	8	5	3				6					
13	00	10227	40	40	40	29	15	66	8	50	5	8	6	3				6					
	03	10221	41	40	39	28	22	74	8	02	2	8	6	4				6					
	06	10223	41	40	39	28	22	74	8	02	2	8	6	4				6					
	09	10224	40	39	38	28	23	80	4	01	1	3	2	4	4			6					
	12	10212	41	40	38	28	23	80	6	02	2	3	1	4	7			6					
	15	10188	41	41	40	29	16	80	8	03	2	8	5	3				6					
	18	10178	41	41	40	28	22	80	8	02	2	8	5	4				6					
	21	10167	41	40	40	28	24	66	8	50	2	8	6	4				6					
14	00	10159	41	39	36	28	23	66	8	60	5	8	7	3				6					
	03	10146	40	40	39	29	16	66	8	02	2	8	7	4				6					
	06	10127	40	39	38	29	17	66	6	02	2	6	7	4				6					
	09	10119	40	39	38	29	17	66	8	03	2	8	7	3				6					
	12	10097	41	41	41	29	17	56	8	51	5	8	7	2				6					
	15	10091	39	39	39	27	24	58	8	50	5	8	7	2				6					
	18	10103	39	38	37	27	26	66	7	02	2	7	8	4				6					
	21	10109	39	38	37	28	26	66	8	02	2	8	8	4				6					
15	00	10116	38	37	36	27	23	74	8	02	2	8	5	4				6					
	03	10113	39	39	38	26	20	74	8	02	2	8	5	4				6					
	06	10110	40	39	38	28	19	66	8	03	5	8	6	2				6					
	09	10119	40	40	40	21	21	48	8	51	5	8	6	2				6					
	12	10117	41	40	39	37	27	14	66	7	01	5	7	5	3			6					
	15	10107	40	39	38	29	12	82	7	02	2	7	8	3	3	1		6					
	18	10096	40	39	38	27	09	82	7	02	2	7	8	4	2	7		6					
	21	10085	40	40	31	04	08	8	50	2	8	6	2				6						
16	00	10072	41	41	40	34	12	74	7	02	5	3	6	4	4			7					
	03	10044	41	41	41	33	16	68	8	60	5	8	7	2				7					
	06	10005	41	41	41	35	18	68	8	50	5	8	7	2				7					
	09	9990	41	41	40	32	22	61	7	01	5	7	6	3				7					
	12	9985	40	37	34	31	25	80	3	01	1	3	1	4				7					
	15	9970	41	39	37	31	24	82	8	03	1	3	5	4	2	7		7					
	18	9938	41	39	39	31	26	74	3	21	6	3	2	4				7					
	21	9913	40	39	37	31	23	74	5	03	1	5	2	4				7					
17	00	9916	40	38	35	31	30	80	6	02	8	6	2	4				6					
	03	9901	37	36	34	29	32	74	6	80	8	6	2	4				6					
	06	9904	39	37	34	31	27	74	8	03	8	8	5	4				6					
	09	9896	38	36	33	32	30	66	8	60	8	8	5	4				7					
	12	9867	36	35	34	33	14	66	8	61	6	5	3	2				7					
	15	9807	32	32	32	00	00	04	8	73	7	8	0	9	2			7					
	18	9824	35	34	33	26	08	08	8	70	7	8	7	5				6					
	21	9875	36	33	28	27	26	74	7	80	8	7	2	4				6					
18	00	9902	36	33	29	27	28	80	4	02	8	4	2	4				6					
	03	9958	34	32	27	27	21	80	5	02	2	8	5	4				6					
	06	9997	33	32	30	25	15	80	8	03	2	8	5	4				6					
	09	10038	33	31	27	25	09	80	8	02	2	8	5	4									

Results of Surface Observations,
MACQUARIE AUGUST, 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER			LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			ANEMOMETER		PRECIPITATION		EXTREME TEMPERATURES		
				DRY BULB	NET BULB	DEWPNT	DIRECTION	SPEED			Oktas	WW	W	Oktas	C _L	Type	C _M	C _H	D _L	D _M	D _H	Direction	Speed	Wind Run	Points	Maximum	Minimum		
				lb x 10 ⁻³	°F	°F	°F	°F		°x 10	ft/sec	ft/sec	ft/sec	h	Base	Cloud	Cloud	Cloud	Low	Middle	High	Direction	Speed	St. miles	°F	°F			
19	00	10026	36	34	30	29	24	74	8	02	2	8	8	8	4	4	4	7	7	7	7	7	7	29	40	552	0002	40	34
	03	10010	36	35	33	31	26	80	5	01	2	8	5	5	4	4	4	7	7	7	7	7	7						
	06	9995	37	36	34	30	24	80	4	12	8	8	5	5	4	4	4	7	7	7	7	7	7						
	09	9985	37	37	35	29	23	65	5	00	2	8	5	5	4	4	4	7	7	7	7	7	7						
	12	9965	39	38	37	32	23	74	6	12	1	8	5	5	4	4	4	7	7	7	7	7	7						
	15	9945	39	38	37	31	20	66	7	80	0	2	2	7	4	4	4	7	7	7	7	7	7						
	18	9931	39	38	37	31	18	74	7	02	2	7	4	4	4	4	4	7	7	7	7	7	7						
	21	9922	39	38	37	31	17	80	7	02	2	7	5	5	4	4	4	7	7	7	7	7	7						
20	00	9924	34	34	34	19	16	04	8	56	5	8	7	3	3	3	3	4	4	4	4	4	4						
	03	9930	33	33	33	18	03	16	8	24	5	8	7	3	3	3	3	4	4	4	4	4	4						
	06	9949	34	34	32	20	08	74	0	02	2	8	5	5	4	4	4	5	5	5	5	5	5						
	09	9971	34	32	28	20	04	80	0	01	1	1	1	1	1	1	1	5	5	5	5	5	5						
	12	9983	37	32	24	27	09	82	0	03	1	1	1	1	1	1	1	6	6	6	6	6	6						
	15	10001	35	35	29	20	06	82	4	12	1	2	1	1	1	1	1	6	6	6	6	6	6						
	18	10027	35	31	26	22	05	82	1	01	0	2	1	1	1	1	1	6	6	6	6	6	6						
	21	10056	30	29	27	22	07	80	8	85	8	3	2	4	4	4	4	5	5	5	5	5	5						
21	00	10074	32	29	23	20	07	80	3	02	1	3	3	3	3	3	3	4	4	4	4	4	4						
	03	10089	32	29	23	09	30	80	3	02	1	3	3	3	3	3	3	4	4	4	4	4	4						
	06	10116	32	29	23	21	09	80	3	02	1	3	3	3	3	3	3	4	4	4	4	4	4						
	09	10132	33	30	23	21	07	80	4	02	1	3	3	3	3	3	3	4	4	4	4	4	4						
	12	10131	35	33	29	25	09	80	7	03	1	7	5	5	4	4	4	5	5	5	5	5	5						
	15	10131	36	34	30	27	12	80	7	02	2	7	5	5	4	4	4	5	5	5	5	5	5						
	18	10141	36	33	28	28	12	80	6	12	2	6	5	5	4	4	4	5	5	5	5	5	5						
	21	10136	36	35	31	20	09	80	2	01	1	2	5	5	4	4	4	5	5	5	5	5	5						
22	00	10137	37	36	33	28	20	80	8	03	1	8	5	5	4	4	4	6	6	6	6	6	6						
	03	10152	38	37	35	29	20	74	8	02	2	8	5	5	4	4	4	6	6	6	6	6	6						
	06	10124	38	38	37	28	18	74	8	12	2	8	5	5	4	4	4	6	6	6	6	6	6						
	09	10118	38	37	37	29	17	74	7	11	5	7	5	5	4	4	4	6	6	6	6	6	6						
	12	10094	40	39	38	29	22	80	7	02	1	6	5	5	4	4	4	6	6	6	6	6	6						
	15	10082	40	39	38	29	22	74	8	02	2	8	5	5	4	4	4	6	6	6	6	6	6						
	18	10069	40	39	38	31	22	74	8	12	2	8	5	5	4	4	4	6	6	6	6	6	6						
	21	10045	39	39	39	31	24	58	8	51	8	5	8	6	4	4	4	6	6	6	6	6	6						
23	00	10050	37	37	36	26	10	58	8	50	5	8	6	6	4	4	4	6	6	6	6	6	6						
	03	10056	35	33	30	23	05	80	1	01	1	1	1	1	1	1	1	5	5	5	5	5	5						
	06	10057	36	33	27	27	12	82	1	02	1	1	1	1	1	1	1	5	5	5	5	5	5						
	09	10057	36	34	29	27	19	80	6	03	1	5	5	5	4	4	4	6	6	6	6	6	6						
	12	10049	36	35	32	26	22	74	6	05	87	8	6	6	5	4	4	6	6	6	6	6	6						
	15	10040	35	33	29	26	25	74	8	02	8	8	8	8	5	5	4	6	6	6	6	6	6						
	18	10049	35	35	32	27	17	72	8	02	2	8	5	5	4	4	4	6	6	6	6	6	6						
	21	10052	35	33	30	28	23	65	8	02	2	8	5	5	4	4	4	6	6	6	6	6	6						
24	00	10055	35	34	33	28	23	65	8	12	2	8	5	5	4	4	4	6	6	6	6	6	6						
	03	10059	35	33	29	28	23	74	4	01	1	4	5	5	4	4	4	6	6	6	6	6	6						
	06	10057	38	37	35	30	15	74	8	12	2	8	5	5	4	4	4	6	6	6	6	6	6						
	09	10051	39	39	39	32	11	58	8	02	2	8	5	5	4	4	4	6	6	6	6	6	6						
	12	10042	40	40	40	32	17	58	8	02	2	8	5	5	4	4	4	6	6	6	6	6	6						
	15	10029	40	39	39	32	17	52	74	8	02	2	8	5	5	4	4	6	6	6	6	6	6						
	18	10016	40	40	40	32	17	48	8	10	4	02	2	8	5	5	4	6	6	6	6	6	6						
	21	10003	41	40	40	33	23	48	8	02	2	8	5	5	4	4	4	6	6	6	6	6	6						
25	00	9990	41	41	41	33	27	58	8	60	2	8	5	5	4	4	4	6	6	6	6	6	6						
	03	9992	41	41	41	32	23	65	8	02	2	8	5	5	4	4	4	6	6	6	6	6	6						
	06	9996	41	41	40	32	17	66	8	02	2	8	5	5	4	4	4	6	6	6	6	6	6						
	09	10010	41	41	41	32	15	66	8	02	2	8	5	5	4	4	4	6	6	6	6	6	6						
	12																												

Results of Surface Observations,
MACQUARIE AUGUST 1962

LOCAL STANDARD TIME	DAY HOUR	STATION LEVEL PRESSURE $\text{mb} \times 10^{-1}$	TEMPERATURES			SURFACE WIND			VISIBILITY VV	CLOUD AMOUNT OKtas	PRESENT WEATHER WW	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			EXTREME TEMPERATURES °F °H
			DRY BULB °F.	WET BULB °F.	DEW POINT °F.	DIRECTION °	SPEED kt	CLOUD TYPE C_L				BASE h	MIDDLE CLOUD C_M	HIGH CLOUD C_H	LOW D_L	MIDDLE D_M	HIGH D_H	DIRECTION °	SPEED kt	ANEMOMETER WIND RUN St.miles	PRECIPITATION Points
28	00	9924	37	37	36	33	18	80	2	2	9	2	2	4	7						
	03	9665	37	37	37	36	16	74	5	1	1	2	2	4	8						
	06	9764	37	37	37	36	26	80	8	61	2	2	4	8	8						
	09	9581	42	42	42	42	35	34	8	60	6	6	5	4	8						
	12	9554	42	42	42	42	34	21	08	8	46	5	5	5	8						
	15	9598	43	43	43	43	26	32	7	42	5	5	5	6	8						
	18	9587	43	42	41	33	34	58	8	2	5	5	5	3	8						
	21	9599	41	41	41	33	34	40	8	50	5	5	5	3	8						
29	00	9631	38	37	35	38	25	80	8	01	2	2	6	7	7						
	03	9665	36	35	33	28	24	80	8	02	7	7	3	4	6						
	06	9707	35	35	32	29	17	80	8	02	7	7	3	4	6						
	09	9749	34	32	28	27	17	80	8	02	7	7	3	4	6						
	12	9775	33	31	27	27	17	80	8	02	7	7	3	4	6						
	15	9799	32	29	24	28	09	80	8	02	7	7	3	4	6						
	18	9609	34	31	27	33	04	80	8	02	7	7	3	4	7						
	21	9784	35	34	32	08	09	74	8	02	7	7	3	4	6						
30	00	9722	37	36	34	09	14	74	8	72	2	2	8	5	4	2					
	03	9614	41	41	41	01	14	80	8	61	2	2	8	5	4	5					
	06	9573	41	41	41	02	15	80	8	60	2	2	8	7	4	8					
	09	9548	41	41	41	36	17	80	8	47	6	6	8	7	4	8					
	12	9538	40	40	40	33	20	16	8	51	2	2	8	7	4	7					
	15	9529	39	38	37	33	37	66	8	42	5	5	8	5	4	7					
	18	9524	36	35	33	31	20	74	8	12	5	5	8	5	4	7					
	21	9530	35	34	33	28	25	74	5	01	5	5	8	1	4	6					
31	00	9582	35	33	33	27	24	74	8	87	2	2	8	3	4						
	03	9641	33	32	31	25	17	74	8	87	8	8	8	3	4						
	06	9700	32	29	23	21	15	80	7	02	2	7	2	2	4						
	09	9748	33	32	30	27	22	80	7	02	2	7	2	2	4						
	12	9778	34	31	27	27	33	80	5	87	8	8	5	3	4						
	15	9829	35	32	26	27	25	80	6	02	1	5	2	2	4						
	18	9883	32	29	21	27	17	80	7	02	2	7	2	2	4						
	21	9922	33	32	29	27	23	74	7	87	8	7	3	4	6						

Results of Surface Observations,
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LOCAL STANDARD TIME		TEMPERATURES								SURFACE WIND		LOW CLOUD						DIRECTION OF CLOUD MOVEMENT		MAXIMUM WIND GUST		ANEMOMETER WIND RUN		PRECIPITATION		EXTREME TEMPERATURES				
		STATION LEVEL PRESSURE		DRY BULB	WET BULB	Dew Point	Direction	Speed	Visibility			Cloud Amount	Past Weather	Present Weather	C _L	A _L	C _M	A _M	C _H	A _H	D _L	D _M	D _H	*x10	kt	St.miles	Points	Max	Min	
		DAY	HOUR	mb x 10 ⁻¹	°F	°F	°F x 10	kt	VV	Datas	WW	%	Datas	C _L	%	C _M	%	C _H	%	D _L	D _M	D _H	*x10	kt	St.miles	Points	Max	Min		
01	00	9958	34	34	34	34	27	25	74	7	02	2	7	2	4	4	4	5	4	6	6	6	6	6	6	6	6	6	6	
	03	9976	34	33	30	27	22	80	3	01	1	2	5	2	4	4	4	5	4	6	6	6	6	6	6	6	6	6	6	
	06	9971	35	32	26	30	26	66	8	03	1	2	5	2	4	4	4	5	4	6	6	6	6	6	6	6	6	6	6	
	09	9937	39	38	37	31	34	16	8	50	1	2	5	2	3	2	3	7	3	2	7	7	7	7	7	7	7	7	7	
	12	9908	41	41	41	31	30	58	8	02	2	2	5	2	3	2	3	7	3	2	7	7	7	7	7	7	7	7	7	
	15	9881	41	41	40	32	34	16	8	50	1	2	5	2	3	2	3	7	3	2	7	7	7	7	7	7	7	7	7	
	18	9896	42	41	39	29	31	58	8	60	1	2	5	2	3	2	3	7	3	2	7	7	7	7	7	7	7	7	7	
	21	9925	41	38	35	30	23	74	5	01	2	2	5	2	3	2	3	7	3	2	7	7	7	7	7	7	7	7	7	
	00	9947	40	38	34	31	26	82	2	01	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
	03	9961	39	36	30	27	27	82	2	02	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
02	06	9988	39	36	31	29	26	80	7	03	1	7	2	4	4	4	4	4	4	4	6	6	6	6	6	6	6	6	6	6
	09	10024	39	36	31	29	24	66	8	80	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0
	12	10048	41	37	31	29	22	92	5	01	1	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	15	10073	39	37	33	29	26	82	5	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	18	10091	39	36	32	28	22	80	3	01	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	21	10098	37	36	34	29	28	80	3	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	00	10094	37	35	32	29	13	58	3	10	1	3	1	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	03	10080	35	34	32	00	00	56	2	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	06	10062	37	36	34	13	08	74	8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	09	10057	37	36	34	13	15	74	8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
03	12	10045	36	35	33	13	20	74	8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	15	10028	36	35	33	14	23	80	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	18	10023	36	35	33	13	23	80	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	21	10009	36	35	34	13	24	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	00	9994	37	36	34	13	24	66	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	03	9971	37	36	35	13	27	58	6	61	1	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	06	9952	38	37	37	12	23	56	8	51	1	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	09	9945	40	40	40	09	11	48	8	51	1	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	12	9934	41	41	41	36	09	08	47	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	15	9927	38	38	38	13	20	80	8	08	43	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
04	18	9925	35	35	34	13	23	80	9	04	50	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	21	9908	36	36	36	10	01	80	5	05	50	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	00	9859	39	38	37	36	09	66	7	01	5	7	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	03	9791	41	40	36	14	58	8	61	5	8	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	06	9722	41	41	41	36	13	56	8	63	5	8	7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	09	9690	32	32	32	28	24	82	0	2	72	6	8	7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	12	9714	36	35	34	30	20	63	7	01	7	5	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	15	9739	35	34	32	31	19	82	3	01	8	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	18	9647	36	34	30	19	82	3	01	8	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	21	9744	35	34	34	17	66	7	85	7	7	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
06	00	9757	36	34	32	29	17	80	4	02	8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	03	9768	32	31	29	12	80	4	85	8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	06	9774	36	34	29	32	17	80	2	01	72	6	8	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	09	9775	37	35	31	23	22	80	3	02	01	01	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12	9758	39	37	34	16	74	7	03	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1
	15	9702	40	39	37	36	16	80	8	02	01	01	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
	18	9679	35	34	32	31	15</td																							

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LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE mb x 10 ⁻¹	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES		
				DRY BULB °F	WET BULB °F	DEWP POINT °F	DIR. × 10	SPEED kt				C _L	C _M	C _H	D _L	D _M	D _H	DIR. × 10	SPEED kt	St.miles	Points	MAX °F	MIN °F		
10	00	9904	39	39	39	39	31	10	08	B	51	5	5	7	2										
	03	9903	41	40	40	40	31	27	58	B	02	5	5	7	4										
	06	9908	40	40	40	40	32	21	48	B	51	5	5	7	2										
	09	9910	42	41	41	41	32	23	58	B	02	5	5	7	6	2									
	12	9907	42	41	41	41	32	26	66	7	01	2	7	5	1										
	15	9904	41	41	41	41	32	24	56	B	50	5	5	6	1										
	18	9984	41	41	41	41	31	24	66	B	02	2	2	8	4										
	21	9983	42	42	42	42	33	26	58	B	50	2	2	6	2										
11	00	9833	42	42	41	34	26	58	8	02	5	8	6	3											
	03	9772	42	42	42	34	33	58	8	61	5	8	7	3											
	06	9782	40	39	38	32	23	74	7	01	6	6	5	4	4										
	09	9756	39	38	36	32	35	74	6	02	9	8	2	4											
	12	9766	38	36	34	29	38	74	8	02	9	8	2	4											
	15	9816	37	36	34	29	37	66	8	02	2	8	5	4											
	18	9877	37	36	34	27	34	56	6	02	8	6	6	4											
	21	9946	36	34	30	24	15	74	4	01	1	4	1	4											
12	00	9976	35	33	30	00	00	82	5	02	1	5	5	4											
	03	9990	52	51	29	00	00	82	2	02	1	2	5	4											
	06	9987	34	33	31	13	09	82	3	02	7	3	5	4											
	09	9990	35	34	32	08	08	80	7	03	1	7	5	4											
	12	9950	37	36	34	11	10	80	8	02	2	8	5	4											
	15	9905	39	38	37	09	13	56	8	02	2	8	8	4											
	18	9873	40	40	40	07	14	56	8	02	5	8	7	3											
	21	9840	42	42	42	02	16	58	8	02	5	8	6	3											
13	00	9817	39	39	39	54	07	66	8	02	5	8	8	4											
	03	9809	40	40	39	34	14	66	8	02	5	8	8	4											
	06	9822	39	39	36	31	12	82	2	01	1	2	4	4											
	09	9844	39	39	38	33	10	80	6	03	1	6	5	4											
	12	9838	40	39	38	58	33	10	74	7	02	2	4	5	4	7									
	15	9834	38	37	35	31	12	80	3	01	1	2	4	4											
	18	9832	37	36	34	31	15	80	1	01	1	1	2	4											
	21	9828	37	36	34	32	21	80	1	02	1	2	4	4											
14	00	9814	35	35	35	31	26	58	8	60	2	5	7	4	2										
	03	9806	36	35	34	29	17	74	3	80	3	2	4	4											
	06	9821	35	34	32	27	17	80	3	02	8	3	3	4											
	09	9840	36	35	31	27	22	80	7	14	5	2	4	4											
	12	9850	35	35	33	27	17	66	8	80	8	2	2	4											
	15	9903	37	35	35	32	25	09	74	6	80	5	2	2	4										
	18	9933	35	34	31	27	10	74	6	02	2	5	2	4											
	21	9965	35	34	34	27	17	74	7	02	2	7	2	4											
15	00	9981	35	35	35	27	19	74	3	89	8	3	2	4											
	03	9998	37	37	37	27	17	74	7	02	3	1	7	8	4										
	06	10006	39	39	39	31	10	80	7	02	2	7	8	4											
	09	10017	40	40	40	32	12	82	8	10	5	8	6	0											
	12	10007	41	41	41	32	20	32	8	50	5	8	6	0											
	15	10009	41	41	41	31	20	56	8	02	2	6	6	3	1										
	18	10022	41	41	41	28	17	55	6	50	5	8	5	3	6										
	21	10038	39	39	39	31	17	60	7	02	5	7	5	4	7										
16	00	10050	39	39	39	31	16	74	8	02	2	8	5	4											
	03	10054	39	39	39	30	12	74	5	01	1	5	8	4											
	06	10064	39	39	39	31	07	80	3	01	0	3	4	4											
	09	10070	40	39	39	32	04	90	7	03	1	1	2	4											
	12	10061	40	40	40	32	02	90	8	47	4	9	6	0											
	15	10049	40	40	40	32	13	08	8	51	5	8	6	1											
	18	10048	41	41	41	32	20	08	8	50	5	8	6	1											
	21	10058	40	40	40	31	14	08	6	50	5	7	6	0											
17	00	10075	40	40	40	31	15	06	8	50	5	8	6	0											
	03	10074	40	40	40	31	12	06	8	50	5	8	6	0											
	06	10073	39	39	32	15	08	8	45	5	8	6	0												
	09	10063	40	40	40	31	16	08	8	45	5	8	6	0											
	12	10036	41	41	41	34	19	74	7	02	4	3	5	4											
	15	9999	41	41	41	34	24	66	8	02	2	8	6	3											
	18	9985	42	42	42	31	30	74	7	50	5	7	6	4											
	21	10012	40	39	39	32	21	80	1	01	5	1	1	4											
18	00	10024	40	39	39	32	21	80	1																

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DAY	HOUR	LOCAL STANDARD TIME		STATION LEVEL PRESSURE				TEMPERATURES			SURFACE WIND			LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		
				DRY BULB	WET BULB	Dew Point	Direction	Speed $\times 10$	VISIBILITY	CLOUD AMOUNT	Present Weather	Low	Middle	High	Direction	Speed $\times 10$	kt	Anemometer Wind Run	Points	Maximum	Minimum	
				in $\times 10^{-3}$	°F	°F	°F	°C	ft/sec	Oktas	W	Oktas	C _L	C _M	C _H	D _L	D _M	D _H	ft/sec	St. miles	°F	°F
28	00	10007	39	39	39	17	03	01	9	45	4	0	0	0	0	0	0	0	0	0	0	0
	05	10003	40	40	40	18	05	01	9	45	4	0	0	0	0	0	0	0	0	0	0	0
	06	9998	41	41	41	17	05	02	9	45	4	0	0	0	0	0	0	0	0	0	0	0
	09	10000	42	42	42	17	05	02	9	45	4	0	0	0	0	0	0	0	0	0	0	0
	12	9999	42	42	42	16	02	05	9	45	4	0	0	0	0	0	0	0	0	0	0	0
	15	9999	42	42	42	16	02	05	9	45	4	0	0	0	0	0	0	0	0	0	0	0
	18	10002	41	41	41	16	02	05	9	50	4	0	0	0	0	0	0	0	0	0	0	0
	21	10009	41	41	41	17	00	00	01	47	4	0	0	0	0	0	0	0	0	0	0	0
29	00	10021	40	40	40	31	03	04	9	43	4	0	0	0	0	0	0	0	0	0	0	0
	03	10026	39	39	39	31	11	04	9	45	4	0	0	0	0	0	0	0	0	0	0	0
	06	10035	39	39	39	31	09	05	9	45	4	0	0	0	0	0	0	0	0	0	0	0
	09	10046	41	41	41	06	03	20	7	1	0	0	0	0	0	0	0	0	0	0	0	0
	12	10051	45	43	41	18	03	74	7	1	0	0	0	0	0	0	0	0	0	0	0	0
	15	10060	43	42	41	00	00	02	9	51	4	0	0	0	0	0	0	0	0	0	0	0
	18	10067	40	39	39	18	03	32	7	5	4	0	0	0	0	0	0	0	0	0	0	0
	21	10076	39	39	38	16	08	32	7	4	4	0	0	0	0	0	0	0	0	0	0	0
30	00	10075	39	39	38	16	11	58	8	60	7	0	0	0	0	0	0	0	0	0	0	0
	03	10059	38	38	38	16	17	48	8	50	5	0	0	0	0	0	0	0	0	0	0	0
	06	10049	39	39	39	18	15	04	8	45	4	0	0	0	0	0	0	0	0	0	0	0
	09	10038	41	41	41	17	13	01	8	47	5	0	0	0	0	0	0	0	0	0	0	0
	12	10007	43	43	43	17	08	08	8	61	5	0	0	0	0	0	0	0	0	0	0	0
	15	9981	42	42	42	14	09	04	8	51	5	0	0	0	0	0	0	0	0	0	0	0
	18	9958	42	42	42	22	02	02	8	45	4	0	0	0	0	0	0	0	0	0	0	0
	21	9946	43	43	43	00	00	04	8	50	5	0	0	0	0	0	0	0	0	0	0	0

Results of Surface Observations,
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Results of Surface Observations,
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LOCAL STANDARD TIME		TEMPERATURES				SURFACE WIND		VISIBILITY				PRESENT WEATHER				LOW CLOUD				DIRECTION OF CLOUD MOVEMENT				MAXIMUM WIND GUST		EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE mb x 10 ⁻¹	DRY BULB °F	WET BULB °F	DEW POINT °F	DIR. °x 10	SPEED kt	DIR. VV	Oktas	WW	W	Oktas	C _L	C _M	C _H	D _L	D _M	D _H	DIR. x 10	KT	St. miles	ANEMOMETER WIND RUN Points	PRECIPITATION in	MAXIMUM TEMPERATURE °F	MINIMUM TEMPERATURE °F		
		wb x 10 ⁻¹	°F	°F	°F	°x 10	kt	VV	Oktas	WW	W	Oktas	C _L	C _M	C _H	D _L	D _M	D _H	DIR. x 10	KT	St. miles	ANEMOMETER WIND RUN Points	PRECIPITATION in	MAXIMUM TEMPERATURE °F	MINIMUM TEMPERATURE °F		
10	00	994.2	40	40	39	36	0.7	20	0	0.2	0	0.2	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0
03		991.0	42	42	41	36	0.8	20	0	0.3	0	0.3	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0
06		966.5	43	43	43	36	1.2	20	0	0.5	0	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0
09		944.6	42	42	42	36	1.2	20	0	0.5	0	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0
12		980.9	45	45	44	0.4	1.2	20	0	0.5	0	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0
15		975.5	43	42	42	36	0.1	20	0	0.5	0	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0
18		972.2	42	41	41	36	1.9	20	0	0.5	0	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0
21		975.1	39	38	37	2.0	2.4	20	0	0.5	0	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0
11	00	977.2	37	36	34	28	3.2	50	0	0.2	0	0.1	0.2	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0
03		981.9	38	34	26	28	3.9	50	0	0.2	0	0.1	0.2	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0
06		955.3	33	24	28	27	6.5	50	0	0.2	0	0.1	0.2	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0
09		988.5	39	35	26	29	2.6	80	0	0.1	0	0.1	0.2	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0
12		990.4	40	36	29	1.8	80	0	0.3	0	0.3	0.1	0.2	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0
15		990.6	41	39	36	32	1.0	80	0	0.2	0	0.1	0.2	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0
18		998.8	40	39	38	32	1.7	6.6	0	0.5	0	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0
21		989.6	42	41	32	1.7	4.8	0	0.2	0	0.2	0	0.2	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0
12	00	989.7	42	42	41	31	2.1	5.0	0	0.5	0	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0
03		989.0	42	42	42	31	2.1	4.8	0	0.5	0	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0
06		988.0	42	42	41	32	2.4	3.2	0	0.5	0	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0
09		990.4	41	39	35	30	2.8	9.0	0	0.7	0	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0
12		993.2	41	38	33	2.9	3.0	8.0	0	0.2	0	0.2	0.2	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0
15		996.5	41	38	33	2.9	2.3	8.0	0	0.5	0	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0
18		998.4	39	35	29	2.9	2.3	9.0	0	0.1	0	0.1	0.2	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0
21		999.0	40	38	34	31	2.0	7.4	0	0.5	0	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0
13	00	998.2	37	36	34	29	2.0	7.4	0	0.2	0	0.1	0.2	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0
03		999.7	38	35	32	2.8	22	8.0	0	0.1	0	0.1	0.2	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0
06		1001.3	37	35	32	2.8	16	8.0	0	0.3	0	0.3	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0
09		1002.4	36	34	30	2.7	14	7.4	0	0.7	0	0.7	0.7	0.7	0.7	0	0	0	0	0	0	0	0	0	0	0	0
12		1004.2	38	36	33	2.9	3.0	8.0	0	0.2	0	0.2	0.2	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0
15		1005.5	39	37	33	2.9	13	8.0	0	0.6	0	0.6	0.6	0.6	0.6	0	0	0	0	0	0	0	0	0	0	0	0
18		1007.2	36	34	31	2.8	15	8.0	0	0.5	0	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0
21		1010.2	36	33	29	2.8	15	8.2	0	0.1	0	0.1	0.1	0.1	0.1	0	0	0	0	0	0	0	0	0	0	0	0
14	00	1012.6	36	33	26	2.6	11	8.0	1	0.2	0	0.1	0.1	0.1	0.1	0	0	0	0	0	0	0	0	0	0	0	0
03		1013.0	37	34	29	2.0	8.0	0	0.4	0	0.3	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0
06		1013.8	37	34	29	2.8	19	8.0	0	0.5	0	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0
09		1013.2	40	37	31	30	2.0	8.2	0	0.1	0	0.1	0.1	0.1	0.1	0	0	0	0	0	0	0	0	0	0	0	0
12		1012.5	41	37	30	31	21	8.2	0	0.7	0	0.7	0.7	0.7	0.7	0	0	0	0	0	0	0	0	0	0	0	0
15		1010.6	41	37	30	31	22	8.2	0	0.2	0	0.2	0.2	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0
18		1007.9	39	36	32	32	29	8.0	0	0.5	0	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0
21		1005.0	40	37	33	32	30	7.4	0	0.2	0	0.2	0.2	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0
15	00	1002.4	39	37	34	29	2.1	7.4	0	0.2	0	0.2	0.2	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0
03		1004.5	37	35	32	28	2.8	8.0	0	0.3	0	0.3	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0
06		1006.9	38	35	32	28	2.8	8.0	0	0.5	0	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0
09		1010.0	39	35	32	28	2.6	8.0	0	0.3	0	0.3	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0
12		1010.8	39	36	33	2.8	17	8.0	0	0.7	0	0.7	0.7	0.7	0.7	0	0	0	0	0	0	0	0	0	0	0	0
15		1009.3	39	37	33	2.8	20	8.0	0	0.7	0	0.7	0.7	0.7	0.7	0	0	0	0	0	0	0	0	0	0	0	0
18		1006.6	40	39	38	31	26	7.4	0	0.5	0	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0
21		1004.7	41	40	31	26	6.5	0	0.2	0	0.2	0	0.2	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0
17	00	1000.4	38	35	32	2.5	17	7.4	0	0.1	0	0.1	0.2	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0
03		1003.8	38	36	32	2.7	10	8.0	4	0.2	0	0.1	0.2	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0
06		1005.7	39	36	32	2.9	14	8.0	3	0.2	0	0.1	0.2	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0
09		1005.8	41	38	34	30	12	8.0	1	0.2	0	0.1	0.2	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0
12		1004.7	43	39	34	32	14	8.2	1	0.2	0	0.1	0.2	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0
15		1003.0	42	40	36	32	15	8.2	1	0.3	0	0.1	0.3	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0
18		1002.2	41	39	36	32	18	8.2	1	0.3	0	0.1	0.3	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0
21		1001.9	41	40	39	32	20	7.4	5	0.3	0	0.1	0.2	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0
18	00	1001.8	41	41	40	32	2.0</																				

Results of Surface Observations
MACQUARIE OCT., 1962

LOCAL STANDARD TIME			TEMPERATURES				SURFACE WIND		CLOUD AMOUNT				DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		EXTREME TEMPERATURES										
	DAY	HOUR	STATION LEVEL PRESSURE		DRY BULB	WET BULB	DEN POINT	DIRECTION	SPEED	VISIBILITY	Oktas	WW	W	PAST WEATHER	AMOUNT	LOW	MIDDLE	HIGH	DIRECTION	MAXIMUM WIND GUST	ANEMOMETER WIND RUN	PRECIPITATION						
			inHg x 10 ⁻¹	°F	°F	°F	°F	°F	mi/h x 10 ⁻¹	VV	Okta	Okta	Okta	C _L	C _M	C _H	LOW	D _M	D _H	mi/h x 10 ⁻¹	kt	St.miles	Points	MAXIMUM °F	MINIMUM °F			
19	00	1004.0	41	40	40	52	13	5	5	5	0.5	0.5	0.5	1	7	3	7	7	7	7	7	7	7	7	44	39		
	03	1004.3	41	41	41	32	12	5	5	5	0.5	0.5	0.5	1	7	3	7	7	7	7	7	7	7	7	7	7		
	06	1005.7	39	39	39	30	11	10	5	5	5	0.5	0.5	0.1	0.1	1	4	4	7	7	7	7	7	7	7	7		
	09	1006.7	41	39	37	31	15	5	5	5	0.5	0.5	0.5	0.1	0.1	1	4	4	7	7	7	7	7	7	7			
	12	1007.0	42	39	35	31	17	40	5	5	0.5	0.5	0.5	0.1	0.1	1	4	4	7	7	7	7	7	7	7			
	15	1006.1	43	41	38	33	15	5	5	5	0.5	0.5	0.5	0.1	0.1	1	4	4	7	7	7	7	7	7	7			
	18	1006.2	42	41	40	32	18	42	5	5	0.5	0.5	0.5	0.1	0.1	1	4	4	7	7	7	7	7	7	7			
	21	1007.1	42	41	39	32	22	40	5	5	0.5	0.5	0.5	0.5	0.5	1	5	5	4	4	7	7	32	27	355	0.001	44	39
20	00	1007.0	42	41	40	33	21	7	7	7	0.5	0.5	0.5	2	2	3	5	5	4	7	7	7	7	7	7	7	7	
	03	1006.2	42	41	40	33	21	7	7	7	0.5	0.5	0.5	2	2	3	5	5	4	7	7	7	7	7	7	7		
	06	1006.4	42	41	40	33	21	7	7	7	0.5	0.5	0.5	2	2	3	5	5	4	7	7	7	7	7	7	7		
	09	1005.6	43	42	41	34	18	7	7	7	0.5	0.5	0.5	2	2	3	5	5	4	7	7	7	7	7	7	7		
	12	1003.4	44	43	40	34	19	7	7	7	0.5	0.5	0.5	2	2	3	5	5	4	7	7	7	7	7	7	7		
	15	1000.6	44	43	42	34	24	80	7	7	7	0.5	0.5	2	2	3	5	5	4	7	7	7	7	7	7	7		
	18	999.3	43	43	42	34	26	7	7	7	0.5	0.5	0.5	2	2	3	5	5	4	7	7	7	7	7	7	7		
	21	998.3	43	42	42	34	24	6	6	7	0.5	0.5	0.5	2	2	3	5	5	4	7	7	7	7	7	7	7		
21	00	997.3	42	42	42	33	19	5	5	5	0.5	0.5	0.5	2	2	3	5	5	4	7	7	7	7	7	7	7		
	03	998.5	39	38	36	25	08	7	7	7	0.5	0.5	0.5	2	2	3	5	5	4	7	7	7	7	7	7	7		
	06	1000.0	39	38	36	28	12	7	7	7	0.5	0.5	0.5	2	2	3	5	5	4	7	7	7	7	7	7	7		
	09	1002.5	39	37	34	24	09	7	7	7	0.5	0.5	0.5	2	2	3	5	5	4	7	7	7	7	7	7	7		
	12	1004.9	40	39	35	20	11	80	4	4	0.5	0.5	0.5	2	2	3	5	5	4	7	7	7	7	7	7	7		
	15	1008.0	39	35	29	21	11	80	4	4	0.5	0.5	0.5	2	2	3	5	5	4	7	7	7	7	7	7	7		
	18	1010.3	36	33	27	20	10	80	4	4	0.5	0.5	0.5	2	2	3	5	5	4	7	7	7	7	7	7	7		
	21	1013.0	35	31	22	20	05	80	4	4	0.5	0.5	0.5	2	2	3	5	5	4	7	7	32	28	383	0.020	42	34	
22	00	1014.9	35	32	25	23	02	80	6	6	0.5	0.5	0.5	1	5	5	4	4	5	5	5	5	5	5	5	5		
	03	1015.6	34	31	27	33	02	82	3	3	0.5	0.5	0.5	1	5	5	4	4	5	5	5	5	5	5	5	5		
	06	1016.6	37	35	30	27	05	82	7	7	0.5	0.5	0.5	2	2	3	5	5	4	5	5	5	5	5	5	5		
	09	1017.8	39	37	33	28	09	80	7	7	0.5	0.5	0.5	2	2	3	5	5	4	5	5	5	5	5	5	5		
	12	1017.8	41	37	31	27	07	80	7	7	0.5	0.5	0.5	2	2	3	5	5	4	5	5	5	5	5	5	5		
	15	1018.1	39	35	29	00	00	80	7	7	0.5	0.5	0.5	2	2	3	5	5	4	5	5	5	5	5	5	5		
	18	1017.5	38	35	28	23	04	80	8	8	0.5	0.5	0.5	2	2	3	5	5	4	5	5	5	5	5	5	5		
	21	1017.9	37	34	29	00	00	80	8	8	0.5	0.5	0.5	2	2	3	5	5	4	5	5	5	5	5	5	5		
23	00	1016.2	36	34	30	14	05	80	7	7	0.5	0.5	0.5	2	2	3	5	5	4	5	5	5	5	5	5	5		
	03	1014.2	36	34	31	14	09	80	3	3	0.5	0.5	0.5	1	5	5	4	4	5	5	5	5	5	5	5	5		
	06	1012.5	36	35	32	14	16	90	7	7	0.5	0.5	0.5	1	5	5	4	4	5	5	5	5	5	5	5	5		
	09	1010.6	38	36	34	13	20	80	7	7	0.5	0.5	0.5	2	2	3	5	5	4	5	5	5	5	5	5	5		
	12	1007.4	39	38	36	13	21	80	7	7	0.5	0.5	0.5	2	2	3	5	5	4	5	5	5	5	5	5	5		
	15	1005.5	40	39	38	13	17	74	8	8	0.5	0.5	0.5	2	2	3	5	5	4	5	5	5	5	5	5	5		
	18	999.2	41	39	38	13	22	55	5	5	0.5	0.5	0.5	2	2	3	5	5	4	5	5	5	5	5	5	5		
	21	994.5	41	40	39	12	22	55	5	5	0.5	0.5	0.5	2	2	3	5	5	4	5	5	5	5	5	5	5		
24	00	985.7	41	41	41	14	26	55	5	5	0.5	0.5	0.5	2	2	3	5	5	4	5	5	5	5	5	5	5		
	03	977.4	42	42	42	11	22	58	5	5	0.5	0.5	0.5	2	2	3	5	5	4	5	5	5	5	5	5	5		
	06	973.0	43	43	43	35	06	08	5	5	0.5	0.5	0.5	2	2	3	5	5	4	5	5	5	5	5	5	5		
	09	971.2	45	45	44	36	15	58	5	5	0.5	0.5	0.5	2	2	3	5	5	4	5	5	5	5	5	5	5		
	12	967.9	45	45	45	45	36	21	50	5	5	0.5	0.5	0.5	2	2	3	5	5	4	5	5	5	5	5	5		
	15	956.2	44	43	42	35	17	55	7	7	0.5	0.5	0.5	2	2	3	5	5	4	5	5	5	5	5	5	5		
	18	965.5	44	44	43	35	01	20	55	8	8	0.5	0.5	0.5	2	2	3	5	5	4	5	5	5	5	5	5		
	21	964.4	43	43	42	36	26	56	8	8	0.5	0.5	0.5	2	2	3	5	5	4	5	5	5	5	5	5	5		
25	00	963.2	42	41	39	33	56	4	4	0.5	0.5	0.5	2	2	3	5	5	4	5	5	5	5	5	5	5	5		
	03	964.5	41	40	38	32	31	74	5	5	0.5	0.5	0.5	2	2	3	5	5	4	5	5	5	5	5	5	5		
	06	957.0	41	39	37	32	24	80	4	4	0.5	0.5	0.5	2	2	3	5	5	4	5	5	5	5	5	5	5		
	09	971.4	42	42	43	36	1	20	50	5	5	0.5	0.5	0.5	2	2	3	5	5	4	5	5	5	5	5	5		
	12	974.1	42	42	43	36	24	80	4	4	0.5	0.5	0.5	2	2	3	5	5	4	5	5	5	5	5	5	5		
	15	976.5	41	40	36	32	24	80	4	4	0.5	0.5	0.5	2	2	3	5	5	4	5	5	5	5	5	5	5		
	18	978.0	41	40	38	32	25	80	4	4	0.5	0.5	0.5	2	2	3	5	5	4	5	5	5	5	5	5	5		
	21	980.3	40	39	37	24	80	4	4	0.5	0.5	0.5	2	2	3	5	5	4	5	5	5	5	5	5	5	5		
26	00	982.5	41	39	37	31	22	74	5	5	0.5	0.5	0.5	2	2	3	5	5	4	5	5	5	5	5	5	5		
	03	982.9	42	40	39	34	26	74	5	5	0.5	0.5	0.5	2	2	3	5	5	4	5	5	5	5	5	5	5		
	06	981.4	42	42	42	34	31	58	5	5	0.5	0.5	0.5	2	2	3	5	5	4	5	5	5	5	5	5	5		
	09	980.2	44	44	43	31	22	74	7	7	0.5	0.5	0.5	2	2	3	5	5	4	5	5	5						

Results of Surface Observations,
MACQUARIE OCT., 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE lb $\times 10^{-3}$	TEMPERATURES			SURFACE WIND		DIRECTION OF CLOUD MOVEMENT												EXTREME TEMPERATURES					
				DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION °x 10	SPEED kt	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD			HIGH CLOUD			MAXIMUM WIND GUST °x 10 kt	ANEMOMETER WIND RUN St. miles	PRECIPITATION	MAXIMUM °F	MINIMUM °F			
									CLOUD AMOUNT	Oktas	ww	w	Oktas	C _L	h	C _M	C _H	D _L	D _M	D _H	DIR. CTION kt	Speed St. miles	Points			
28	00	10054	37	33	25	27	21	80	7	0.2	1	7	8	4				6	6	6	27	368	0000	38	33	
	03	10068	36	32	24	27	10	82	5	1.2	2	5	5	2	4	4										
	06	10085	36	32	24	27	10	82	5	1.5	2	5	5	4	4	4										
	09	10102	37	33	24	27	12	80	6	1.2	2	2	2	5	4	4										
	12	10103	37	33	29	27	10	74	8	1.2	2	8	5	1	4	4										
	15	10103	37	34	28	27	14	80	7	1.2	2	8	7	5	4	4										
	18	10112	35	33	29	27	07	80	8	1.2	2	8	8	5	4	4										
	21	10123	35	32	27	27	11	80	7	2.6	8	7	8	4												
29	00	10122	36	35	35	28	12	80	7	0.2	2	7	5	4				6	6	6	27	368	0000	38	33	
	03	10117	37	35	32	28	15	80	5	0.1	1	3	3	4	4											
	06	10114	38	35	31	29	15	80	7	0.3	1	7	5	4	4											
	09	10101	41	39	35	31	18	82	4	0.1	1	1	4	4	4			7	7	6	6	6	6			
	12	10076	42	40	37	31	26	74	8	6.0	1	3	7	4	4			7	7	6	6	6	6			
	15	10040	42	39	37	32	27	80	8	0.3	2	3	1	4	4			7	7	6	6	6	6			
	18	10002	41	39	36	32	30	74	8	0.2	1	8	5	4	4			7	7	6	6	6	6			
	21	9969	42	41	40	32	32	58	8	6.0	2	8	5	4	4			7	7	6	6	6	6			
30	00	9975	39	37	34	28	24	74	5	0.1	6	3	2	4	4			6	6	6	27	53	615	0003	39	33
	03	9983	33	33	33	27	23	74	5	85	1	5	2	4	4			6	6	6	6	6	6			
	06	9996	35	32	27	28	17	80	6	2.7	3	5	2	4	4			6	6	6	6	6	6			
	09	10018	33	31	27	27	24	80	6	2.7	3	6	3	4	4			6	6	6	6	6	6			
	12	10033	36	34	30	27	26	80	8	0.3	2	3	3	4	4			6	6	6	6	6	6			
	15	10040	37	34	29	28	27	80	8	0.2	2	3	5	4	4			6	6	6	6	6	6			
	18	10052	37	34	28	27	26	74	8	0.2	2	3	5	4	4			6	6	6	6	6	6			
	21	10061	36	33	26	27	26	80	8	0.2	2	3	5	4	4			6	6	6	6	6	6			
31	00	10070	36	33	27	27	24	74	8	6.0	2	8	5	4	4			6	6	6	27	39	456	0000	39	34
	03	10077	35	32	27	28	21	74	8	0.2	3	8	5	4	4			6	6	6	6	6	6			
	06	10094	35	32	27	27	18	74	8	0.2	3	8	5	4	4			6	6	6	6	6	6			
	09	10100	36	33	27	27	15	80	8	0.2	2	8	5	4	4			6	6	6	6	6	6			
	12	10109	38	34	28	27	16	80	8	0.2	2	8	5	4	4			6	6	6	6	6	6			
	15	10121	37	34	29	27	10	80	7	0.2	5	7	5	4	4			6	6	6	6	6	6			
	18	10124	36	33	27	28	09	80	7	0.2	2	7	5	4	4			6	6	6	6	6	6			
	21	10132	36	34	29	27	09	80	7	0.2	2	7	5	4	4			6	6	6	6	6	6			

**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	LOW CLOUD			MIDDLE CLOUD			HIGH CLOUD			DIRECTION SPEED	MAXIMUM WIND GUST	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM		
			mb x 10 ⁻¹	°F	%	°F	%	°F	%	C _L					Type	C _M	Base	C _H	D _L	D _M	D _H	°x 10	kt	Points	°F	°F					
01	00	10130	57	35	33	31	12	80	8	02	2	8	5	4						7	7										
	03	10122	58	37	35	00	8	02	2	2	8	5	4							7	7										
	06	10117	40	39	38	05	05	90	8	02	2	8	5	4						7	7										
	09	10109	42	41	40	04	08	90	5	01	2	4	7	4						7	7										
	12	10095	44	42	39	36	09	90	8	03	1	2	5	4						7	7										
	15	10083	43	42	40	06	09	80	7	02	1	2	5	4						7	7										
	18	10072	43	41	38	36	08	80	7	03	1	2	5	4						7	7										
	21	10064	41	41	39	36	14	80	3	01	2	1	5	4						7	7										
02	00	10051	41	41	40	36	13	80	6	03	1	6	5	4						7	7										
	03	10042	41	40	40	36	10	80	8	03	2	2	5	3						7	7										
	06	10039	41	41	40	35	11	74	8	02	2	2	5	3						8	8										
	09	10036	43	42	40	36	12	80	7	02	2	3	5	4						8	7										
	12	10029	43	41	40	36	12	80	7	03	1	2	5	4						8	7										
	15	10029	42	41	40	36	11	80	8	02	1	2	5	4						8	7										
	18	10030	42	41	39	02	10	80	7	02	2	2	5	4						8	7										
	21	10034	42	40	36	02	08	80	8	01	2	1	5	4						7	7										
03	00	10027	41	39	35	02	06	80	8	02	2	0	0	0						7	7										
	03	10020	40	39	36	00	00	80	8	02	2	0	0	0						7	7										
	06	10018	40	39	37	14	04	80	8	02	2	0	0	0						7	7										
	09	10012	41	39	37	09	04	80	8	02	2	0	0	0						7	7										
	12	10006	41	41	40	18	10	80	8	02	2	0	0	0						8	8										
	15	9998	40	40	40	18	11	74	8	02	2	0	0	0						8	7										
	18	9997	40	39	38	18	11	74	8	02	2	0	0	0						8	7										
	21	9992	39	38	38	17	15	74	8	02	2	0	0	0						8	7										
04	00	9970	39	38	37	17	16	74	8	02	2	0	0	0						8	8										
	03	9957	39	38	37	17	23	65	8	02	2	0	0	0						8	8										
	06	9955	39	38	37	16	27	65	8	02	2	0	0	0						8	8										
	09	9942	39	38	38	16	30	58	8	02	2	0	0	0						8	8										
	12	9934	38	37	35	16	31	58	8	02	2	0	0	0						8	8										
	15	9932	37	37	35	17	30	59	8	02	2	0	0	0						8	8										
	18	9934	37	37	35	16	30	60	8	02	2	0	0	0						8	8										
	21	9937	37	36	35	17	31	56	8	02	2	0	0	0						8	8										
05	00	9937	37	36	35	18	29	66	8	61	6	8	7	4						8	8										
	03	9937	36	35	34	23	74	8	60	7	2	0	0						8	8											
	06	9946	36	35	34	20	74	8	61	7	2	0	0						8	8											
	09	9954	37	35	33	18	19	66	7	02	2	2	7	8					8	8											
	12	9958	38	36	32	18	19	60	2	01	1	2	8	4					8	8											
	15	9962	38	36	32	18	12	62	2	01	1	1	4	4					8	8											
	18	9974	35	33	29	20	05	62	2	02	1	1	4	4					8	8											
	21	9972	33	32	29	20	02	62	2	02	1	1	4	4					8	8											
06	00	9959	34	32	28	31	06	80	5	03	2	0	0	0					8	8											
	03	9960	35	33	30	31	09	80	5	03	2	0	0	0					8	8											
	06	9945	38	36	33	33	10	80	7	03	2	0	0	0					8	8											
	09	9935	40	38	35	35	11	74	8	02	2	0	0	0					8	8											
	12	9904	42	39	35	01	15	74	8	02	2	0	0	0					8	8											
	15	9982	41	40	39	36	10	56	61	61	7	3	2	2					8	8											
	18	9877	38	37	35	00	00	58	61	61	7	3	2	2					8	8											
	21	9881	38	37	35	23	02	58	60	60	7	3	2	2					8	8											
07	00	9980	36	34	30	28	10	80	01	5	2	0	0						8	8											
	03	9864	37	35	34	00	00	80	02	73	1	6	5	4					8	8											
	06	9840	39	38	37	02	06	65	60	73	1	6	5	4					8	8											
	09	9826	41	40	39	30	16	65	65	72	0	2	1	7					8	8											
	12	9832	42	40	35	30	16	65	65	72	0	2	1	7					8	8											
	15	9833	43	40	36	29	14	80	4	80	80	1	1	4	2				8	8											
	18	9850	38	36	33	27	18	80	4	80	80	1	1	4	2				8	8											
	21	9862	39	37	34	27	09	65	80	80	01	2	5	4	7				8	8											
08																															

Results of Surface Observations,
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LOCAL STANDARD TIME	STATION LEVEL PRESSURE mb x 10 ⁻¹	TEMPERATURES				SURFACE WIND		PRESENT WEATHER	LOW CLOUD				MIDDLE CLOUD				HIGH CLOUD				DIRECTION OF CLOUD MOVEMENT		MAXIMUM GUST		EXTREME TEMPERATURES			
		DAY	HOUR	DRY BULB °F	WET BULB °F	DEW POINT °x 10	DIRECTION		AMOUNT	TYPE	C _L	C _M	C _H	D _L	D _M	D _H	LOW	MIDDLE	HIGH	DIRECTION	SPEED x 10 kt	ANEROID WIND RUN St. miles	PREIPITATION Points	MAXIMUM °F	MINIMUM °F			
									w	Oktas																		
10	9996	57	36	33	27	20	8.0	5	12	R	5	2	4				6											
	10010	38	35	29	28	16	8.0	9	12	R	1	8	12				6											
	10020	37	35	32	28	17	9.0	7	12	R	7	4	4				6											
	10055	39	35	28	28	23	7.4	9	12	R	2	9	9				6											
	10077	40	36	26	27	14	9.0	4	12	R	2	3	9	4			1	6										
	10084	41	36	28	27	0.3	9.2	2	12	R	1	1	5	5			2	6										
	10101	58	34	28	0.0	0.0	9.2	9	12	R	0.3	1	1	5			7	6	3	3	27	5.4	411	0.007	42	36		
	10091	57	34	29	0.0	0.0	9.2	5	0.1	R	1	1	5	5			3	6	3	3								
	10061	39	38	37	36	0.6	7.4	R	0.2	1	R	8	5	4			7											
	10054	41	41	40	0.4	1.0	4.8	R	5.0	0.2	8	7	2				1											
11	10004	43	43	42	0.2	1.3	5.8	R	0.2	5.5	R	8	7	2			8											
	9992	43	43	43	43	35	11	0.8	8	4.7	R	2	9	5			8											
	9931	43	43	43	35	13	0.8	8	4.3	R	4	9	2			8												
	9893	44	43	43	35	14	4.8	R	0.2	5.5	R	7	2			8												
	9845	43	43	43	36	18	4.8	2	5.0	R	5	8	7			8												
	9820	43	43	43	34	21	1.6	9	6.0	R	5	7	2			7												
	9851	43	42	41	31	2.2	5.8	R	0.2	6	R	8	4			7												
	9865	42	41	40	30	1.6	6.6	R	0.2	2	R	9	4			7												
	9860	42	42	42	34	1.7	6.3	R	0.0	5	R	5	7	1		7												
	9856	43	42	42	34	1.4	6.3	R	0.0	5	R	5	7	1		7												
12	9807	43	43	43	34	1.7	6.8	R	0.0	5	R	5	7	1		7												
	9772	43	42	42	34	1.7	5.8	R	0.0	5	R	5	7	1		7												
	9751	43	42	41	34	1.9	5.8	R	0.0	5	R	5	7	1		7												
	9749	43	42	42	32	2.3	5.8	R	0.0	5	R	5	7	1		7												
	9744	42	40	37	31	2.8	7.4	R	0.0	5	R	5	7	1		7												
	9743	41	39	36	31	4.0	7.4	R	0.0	5	R	5	7	1		7												
	9765	42	40	37	30	3.6	8.0	R	0.2	2	R	5	7	4	4	7												
	9815	42	40	37	31	2.9	8.0	R	0.2	12	R	3	2	4	4	7												
	9835	44	41	37	31	2.2	8.0	R	0.2	3	R	3	1	4	4	7												
	9846	43	41	37	31	1.7	8.0	R	0.2	1	R	4	1	4	4	7												
13	9852	42	40	37	32	1.3	7.4	R	0.2	2	R	5	1	4	4	7												
	9859	41	40	39	51	0.9	7.4	R	0.3	1	R	5	1	4	4	7												
	9851	40	39	38	31	1.0	7.4	R	0.2	2	R	5	1	4	4	7												
	9844	39	38	37	31	1.6	8.0	R	0.2	8	R	3	2	4	4	7												
	9844	40	39	38	31	1.2	8.2	R	0.2	8	R	3	2	4	4	7												
	9847	38	38	37	30	1.8	8.0	R	0.7	8	R	3	2	4	4	7												
	9836	42	41	38	31	1.5	8.0	R	0.6	0.2	R	1	4	1	4	7												
	9837	41	40	39	31	1.5	7.4	R	0.0	8	R	1	3	9	4	7												
	9855	41	39	37	29	1.8	7.4	R	0.3	8	R	7	2	4	4	6												
	9883	40	38	38	28	2.2	7.4	R	0.0	8	R	5	2	4	4	6												
15	9909	39	36	31	27	1.6	7.4	R	0.0	8	R	4	2	4	4	6												
	9932	39	36	31	27	0.8	9.0	R	0.2	0.2	R	8	4	2	4	6												
	9956	40	38	36	29	1.2	8.0	R	0.7	0.3	R	1	7	2	4	6												
	9980	41	40	39	28	0.9	8.0	R	0.6	0.0	R	2	5	2	4	6												
	9994	43	40	35	29	1.1	8.2	R	0.2	1	R	4	2	2	4	6												
	10001	42	39	35	31	1.0	8.0	R	0.7	0.2	R	2	7	8	4	6												
	10001	41	39	35	31	0.9	8.0	R	0.7	0.2	R	2	7	8	4	6												
	9995	41	39	37	32	1.5	7.4	R	0.2	2	R	5	4	4	4	6												
	9958	43	41	38	36	1.2	8.0	R	0.0	11	R	5	8	8	4	6												
	9938	43	41	39	32	1.8	8.0	R	0.5	12	R	5	8	8	4	6												
16	9955	45	45	45	32	1.9	8.2	R	0.0	11	R	5	8	8	4	6												
	9965	45	45	42	31	1.6	9.2	R	0.1	0.1	R	1	3	1	4	6												
	9976	47	45	43	31	1.7	9.2	R	0.1	0.2	R	1	1	1	4	6												
	9988	46	44	41	51	1.1	9.0	R	0.2	0.2	R	2	5	5	4	6												
	10003	45	45	45	31	1.6	7.4	R	0.2	0.2	R	2	5	5	4	6												
	10015	44	43	43	33	1.4	7.4	R	0.3	0.2	R	2	5	5	4	6												
	10007	44	44	44	51	1.8	5.0	R	0.3	1	R	8	5	4	4	7												
	9995	44																										

Results of Surface Observations,
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LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE $\text{mb} \times 10^{-1}$	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN		PRECIPITATION		EXTREME TEMPERATURES			
				DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION ° x 10	KT				Oktas	ww	W	Oktas	C _L F	h	C _M	C _H	D _L	D _M	D _H	KT	St. miles	Points	MAX °F	MIN °F
19	00	9736	40	38	36	28	29	74	5	01	1	3	1	4	3				6	6	6	6					
03	9771	40	37	35	28	28	74	6	02	2	2	1	4	3				6	6	6	6						
06	9791	41	37	33	28	24	80	4	02	2	4	1	4	3				6	6	6	6						
09	9817	41	39	38	29	24	66	7	00	8	7	2	4	3				6	6	6	6						
12	9838	41	39	38	29	18	80	3	03	8	0	3	3	4				6	6	6	6						
15	9867	42	39	34	29	23	80	4	02	3	4	2	4	4				6	6	6	6						
18	9894	41	39	35	28	21	80	4	02	3	4	2	4	4				6	6	6	6						
21	9915	41	38	33	28	15	80	4	02	3	4	1	4	4				6	6	6	6						
20	00	9942	41	39	36	29	19	80	4	02	3	4	2	4	1			6	6	6	6						
03	9967	39	38	28	22	66	7	80	5	04	2	4	2	4	1			6	6	6	6						
06	9985	41	39	37	28	22	74	7	81	5	7	2	4	3				6	6	6	6						
09	10008	43	41	38	29	18	80	5	01	1	5	2	4	3				6	6	6	6						
12	10020	45	42	38	29	22	80	7	03	3	5	2	4	3				6	6	6	6						
15	10026	44	42	39	31	17	80	6	02	1	2	2	4	3				6	6	6	6						
18	10028	43	40	35	32	12	80	5	03	1	2	1	4	7				6	6	6	6						
21	10024	43	42	39	33	02	74	6	02	2	3	5	4	7				6	6	6	6						
21	00	9986	41	40	39	00	00	50	8	63	5	1	5	4	7			7	2	2	2						
03	9918	41	40	40	09	08	56	6	63	5	1	5	4	7				7	2	2	2						
06	9949	46	45	45	56	12	48	6	51	6	5	7	3	7				7	2	2	2						
09	9822	45	45	45	34	18	16	5	51	5	5	7	2	2				7	2	2	2						
12	9817	45	45	45	34	18	04	5	47	4	5	6	0	8				7	2	2	2						
15	9801	45	45	45	34	17	08	5	43	5	5	6	0	8				7	2	2	2						
18	9779	46	45	45	36	17	32	6	50	4	5	7	2	2				7	2	2	2						
21	9755	46	45	34	24	48	6	50	6	9	7	3	7					7	2	2	2						
22	00	9726	45	44	44	35	24	58	8	02	5	5	7	3	8			7	2	2	2						
03	9717	44	43	43	35	28	58	8	50	5	5	7	3	8				7	2	2	2						
06	9736	42	41	39	52	35	66	8	02	5	5	7	4	8				7	2	2	2						
09	9772	41	41	41	31	38	58	8	02	2	6	7	3	2				7	2	2	2						
12	9817	42	41	39	31	35	66	8	02	2	5	7	3	2				7	2	2	2						
15	9857	41	40	40	29	23	58	8	50	2	9	7	4	8				6	6	6	6						
18	9893	40	39	37	29	25	74	6	02	8	5	2	4	4				6	6	6	6						
21	9931	39	38	37	27	18	74	7	02	8	7	2	4	4				6	6	6	6						
23	00	9942	40	38	35	29	14	80	4	02	2	4	2	4	4			6	6	6	6						
03	9948	41	39	36	32	16	80	6	02	2	5	5	4	4				7	2	2	2						
06	9940	42	41	40	33	17	80	6	02	2	5	5	4	4				7	2	2	2						
09	9918	44	43	42	34	23	66	8	02	2	5	5	4	4				7	2	2	2						
12	9884	45	44	43	34	21	74	8	60	5	5	5	4	4				7	2	2	2						
15	9846	45	44	43	34	21	66	8	62	6	5	5	4	4				7	2	2	2						
18	9813	44	44	44	51	21	58	8	63	5	5	5	4	4				7	2	2	2						
21	9794	44	44	44	34	18	63	8	02	6	9	7	3	8				7	2	2	2						
24	00	9792	41	40	40	27	11	58	8	50	5	8	7	3	8			7	2	2	2						
03	9808	39	37	28	18	13	66	8	12	5	8	5	4	4				6	6	6	6						
06	9838	40	36	28	08	08	80	5	01	2	5	5	4	4				6	6	6	6						
09	9865	43	42	40	31	12	32	3	01	1	1	4	4	4				7	2	2	2						
12	9877	45	43	40	34	12	32	7	03	1	3	2	4	4				7	2	2	2						
15	9885	44	43	42	33	10	82	7	03	8	7	8	4	4				7	2	2	2						
18	9896	43	42	40	32	09	82	5	01	8	5	1	4	4				7	2	2	2						
21	9916	42	41	39	32	04	80	9	02	2	5	3	1	4				7	2	2	2						
25	00	9920	41	41	40	31	05	80	1	01	1	1	1	4	4			7	2	2	2						
03	9925	40	39	38	02	26	02	80	3	12	1	3	1	4	4			7	2	2	2						
06	9931	42	40	37	29	03	03	80	2	02	1	2	1	4	4			6	6	6	6						
09	9940	45	45	39	29	05	80	4	02	4	4	4	4	4				7	2	2	2						
12	9941	45	42	39	31	06	80	8	02	4	4	4	4	4				7	2	2	2						
15	9943	44	41	38	31	07	82	3	02	3	3	1	4	4				7	2	2	2						
18	9944	42	39	36	31	09	82	3	02	3	3	1	4	4				7	2	2	2						
21	9946	40	39	29	07	82	4	03	3	3	8	4	4				7	2	2	2							
26	00	9936	40	39	38	07	80	5	80	8	6	2	4	3			7	2	2	2							
03	9911	40	37	34	10	82	8	60	8	6	2	4	3				7	2	2	2							
06	9884	41	40	38	36	14	82	7	60	8	1	2	3	4				7	2	2	2						
09	9840	42	41	40	36	21	74	8	80	8	8	5	4	4				8	2	2	2						
12	9773	41	41	40	36	30	56	8	60	8	8	7	4	4													

Results of Surface Observations,
MACQUARIE NOV., 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE mb $\times 10^{-1}$	TEMPERATURES			SURFACE WIND		PRESENT WEATHER	VISIBILITY	CLOUD AMOUNT	LOW CLOUD		DIRECTION OF CLOUD MOVEMENT		MAXIMUM WIND GUST		EXTREME TEMPERATURES			
				DRY BULB °F	WET BULB °F	DEW POINT °F	% $\times 10$	KI Speed				TYPE	LOW BASE	MIDDLE	HIGH CLOUD TYPE	DIRECTION	AMOUNT	Wind Run St. miles	Points	MAXIMUM °F	MINIMUM °F
				mb $\times 10^{-1}$	°F	°F	%	kt				Oktas	Oktas	Oktas	kt	% $\times 10$	kt				
28	00	9725	41	40	39	30	30	58	8	50	5	8	5	4	7	7					
	03	9741	40	40	40	30	30	74	8	02	5	8	5	4	7	6					
	06	9765	41	41	40	29	24	74	8	02	2	8	8	4	6	6					
	09	9777	40	40	40	27	23	74	8	02	2	8	8	5	6	6					
	12	9830	41	40	39	28	22	74	9	50	2	8	8	5	6	6					
	15	9847	41	40	39	27	24	74	8	02	2	8	8	5	6	6					
	18	9864	39	39	39	27	22	74	8	60	2	8	8	5	6	6					
	21	9873	39	39	38	29	23	74	7	01	2	7	8	4	6	6					
29	00	9890	39	39	38	27	26	66	8	80	2	8	8	4	6	6					
	03	9907	38	38	38	27	21	80	8	80	2	8	8	4	7	6					
	06	9920	39	38	37	27	18	82	7	02	2	8	8	4	6	6					
	09	9938	42	41	39	29	15	80	7	03	1	8	8	4	7	6					
	12	9927	41	40	40	32	10	80	8	02	2	8	8	4	7	6					
	15	9911	41	40	40	35	07	48	8	51	5	8	8	1	7	6					
	18	9922	42	40	37	29	16	74	5	01	2	8	3	2	6	6					
	21	9934	41	38	35	29	20	80	4	02	2	3	1	4	4	6					
30	00	9942	40	37	32	29	16	80	3	01	1	8	3	2	4	6					
	03	9952	38	37	35	29	14	80	5	80	1	8	3	2	4	6					
	06	9966	39	37	30	27	09	82	5	80	8	5	5	2	4	6					
	09	10037	40	38	34	20	09	80	5	02	1	5	5	2	4	5					
	12	10079	43	39	32	20	05	80	7	02	1	7	4	4	4	4					
	15	10101	43	38	30	25	04	82	4	01	1	4	1	4	4	5					
	18	10118	40	36	29	26	04	80	8	03	1	3	5	4	4	5					
	21	10132	37	35	31	27	01	80	8	03	2	4	5	4	4	5					

Results of Surface Observations,
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LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND			VISIBILITY	CLOUD AMOUNT	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			EXTREME TEMPERATURES						
				DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	PAST WEATHER			C _L	TYPE	AMOUNT	C _M	C _H	D _L	D _M	D _H	^x 10	KT	ST. MILES	POINTS	ANEMOMETER WIND RUN	PRECIPITATION		
				in x 10 ⁻¹	°F	°F	°F	°x 10	kt			VV	Oktas	WW	W	Oktas	h	LOW	MIDDLE	HIGH	^x 10	KT	ST. MILES	POINTS	MAXIMUM °F	MINIMUM °F	
01	00	10128	40	37	32	36	05	82	7	1	2	7	5	4				6									
	03	10110	41	39	35	34	10	82	7	12	2	7	5	4				7									
	06	10098	43	41	39	34	17	82	8	3	5	5	5	4				7									
	09	10074	43	42	41	36	11	58	8	61	6	9	7	4				8									
	12	10036	44	43	43	35	18	66	8	02	6	9	6	4				8									
	15	9993	45	44	43	34	27	52	8	51	5	9	7	3				8									
	18	9965	45	44	43	32	21	58	8	50	6	9	7	2				7									
	21	9970	45	45	44	32	18	05	8	47	5	9	7	0				7									
	00	9973	43	43	43	31	12	02	8	47	4	8	6	0				7									
	03	9979	41	41	41	29	14	16	8	50	5	8	6	1				7									
02	06	9993	41	41	41	30	12	58	8	50	5	8	5	3				7									
	09	10012	43	42	41	31	17	74	7	02	2	6	5	4	0		1	7									
	12	10012	45	44	43	32	17	74	7	02	2	6	4	0	1		7										
	15	10013	46	45	44	32	20	80	7	02	2	5	8	4	0		1	7									
	18	10017	45	43	42	23	74	7	02	2	7	2	4	0			7										
	21	10017	45	44	42	32	22	74	7	02	4	4	7				7										
	00	10010	43	42	41	31	26	74	7	02	2	7	8	4				7									
	03	10030	41	38	34	29	21	80	0	01	8	4	2	4				6									
	06	10045	40	39	37	29	23	80	4	27	8	4	2	4				6									
	09	10053	42	40	37	30	25	32	2	89	8	8	2	4				6									
03	12	10068	43	39	34	29	24	80	7	80	8	8	2	4				6									
	15	10091	43	40	34	29	23	74	7	02	2	7	5	4				6									
	18	10107	42	40	37	30	20	80	7	02	2	7	5	4				6									
	21	10118	42	40	37	30	23	74	6	02	2	7	5	4	1		6										
	00	10118	42	41	40	31	23	80	7	02	2	7	8	4				7									
	03	10111	43	43	43	32	27	74	7	02	2	7	5	4	7			7									
	06	10105	44	43	42	32	28	66	8	02	2	7	5	4				7									
	09	10114	44	44	44	32	24	58	8	02	2	7	5	4				7									
	12	10111	45	45	45	32	18	58	8	02	2	7	5	4				7									
	15	10106	45	44	43	32	20	65	8	02	2	7	5	4				7									
04	18	10094	45	45	44	32	20	65	8	02	2	7	8	4				7									
	21	10084	44	43	42	23	58	8	02	2	7	8	4	1				7									
	00	10065	44	44	44	34	28	58	8	50	5	8	7	3				7									
	03	10047	44	44	44	33	23	32	8	51	5	8	7	1				7									
	06	10052	43	43	43	32	11	74	7	01	5	4	5	4	7			7									
	09	10055	43	42	41	31	10	74	7	50	5	7	5	4				7									
	12	10055	42	42	42	27	09	80	80	80	5	7	7	4	2			6									
	15	10053	43	41	38	28	15	74	7	02	2	5	8	4				6									
	18	10050	42	42	42	29	15	63	8	02	2	5	8	4				6									
	21	10049	40	37	32	27	11	74	6	02	2	5	5	4				6									
06	00	10036	40	37	33	28	12	80	6	02	2	7	5	4	7			6									
	03	10013	40	38	37	31	15	74	8	50	5	8	7	2	7			6									
	06	9977	41	41	41	31	22	32	8	51	5	8	8	4				6									
	09	10005	41	38	33	27	09	80	80	80	5	8	8	4				6									
	12	10032	42	38	32	27	14	80	7	89	8	8	2	4				6									
	15	10067	41	38	32	27	23	80	80	80	5	8	2	4				6									
	18	10093	39	36	31	27	23	74	8	02	2	7	8	4				6									
	21	10109	40	37	32	27	19	74	8	02	2	7	5	4	4			6									
	00	10095	41	41	41	29	20	74	8	02	2	7	5	4	4			6									
	03	10086	42	42	42	29	21	65	8	02	2	7	5	3				6									
07	06	10085	42	41	40	28	23	74	7	01	5	7	5	4				6									
	09	10080	44	42	38	29	24	74	5	80	5	8	8	4				6									
	12	10068	45	43	40	29	23	80	3	01	1	2	1	4				6									
	15	10077	45	44	43	29	23	66	8	02	2	7	5	4	4			6									
	18	10081	43	42	41	26	29	55	8	50	5	8	2	4				6									
	21	10105	42	41	40	27	26	65	8	02	2	7	5	4	4			6									
	00	10120	41	39	36	27	18	74	6	02	2	7	5	4	4			6									
	03	10125	41	39	36	28	17	74	8	02	2	7	5	3				6									
	06	10132	42	42	42	28	15	74	8	02	2	7	5	4				6									

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE mb $\times 10^{-1}$	TEMPERATURES			SURFACE WIND			PRESENT WEATHER			LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			EXTREME TEMPERATURES			
DAY	HOUR		DRY BULB °F	WET BULB °F	DEP POINT °F $\times 10$	DIRECTION °	SPEED kt	VISIBILITY mi	CLOUD AMOUNT Oktas	PAST WEATHER	TYPE C _L	AMOUNT h	C _M	C _H	D _L	D _M	D _H	DIR $\times 10$	KT	MIILES	POINTS	MAX °F	MIN °F	
10	00	9994	43	43	43	31	0.5	0.8	8	50	5	8	7	2							7			
	03	9985	42	42	42	30	0.2	5.8	2	5.0	5	5	8	7	4						7			
	06	9977	42	41	41	15	0.4	4.8	9	5.0	5	5	8	7	3						0			
	09	9959	42	42	42	17	1.0	3.2	9	5.0	5	5	8	7	1						4			
	12	9930	42	42	41	17	1.3	4.8	9	5.0	5	5	8	7	3						4			
	15	9938	42	42	41	17	1.2	5.6	8	0.1	1	5	8	7	4						4			
	18	9962	42	41	40	27	0.7	7.4	8	0.2	2	5	8	7	4						6			
11	21	9979	42	40	37	28	0.9	9.0	5	0.1	1	5	8	7	4						6	27	17	272
	00	10003	43	42	42	32	1.0	8.0	3	0.1	2	3	8	4							7			
	03	100010	42	42	42	34	1.3	7.4	8	0.3	2	2	8	3							7			
	06	10015	44	44	44	34	1.5	7.4	7	0.2	2	2	7	3							7			
	09	10003	46	45	45	34	1.4	7.4	8	0.2	2	2	7	3							7			
	12	10047	46	46	46	34	1.0	5.6	9	0.7	2	4	2	2							7			
	15	10052	46	46	46	34	1.0	5.6	9	0.2	2	4	2	2							7			
12	21	10051	45	45	45	34	1.0	7.4	7	0.2	1	5	8	2							7			
	00	10030	46	45	45	02	2.0	5.0	9	5.8	5	5	8	2							7			
	03	10003	45	45	45	05	1.8	5.8	9	5.8	5	5	8	2							7			
	06	9998	45	45	45	07	1.7	5.2	9	5.2	5	5	8	2							7			
	09	10008	46	46	46	27	0.8	4.0	9	6.8	5	5	8	2							6			
	12	10014	47	46	45	00	0.0	3.4	9	8.4	2	3	8	7	2						7			
	15	10027	46	45	44	00	0.0	7.4	7	0.2	2	3	6	3	7						6			
13	21	10026	43	42	42	35	2.5	7.4	8	0.1	2	3	7	3							7			
	00	9994	42	42	42	18	1.5	5.8	9	6.3	6	8	7	2							4			
	03	9952	43	43	43	18	1.8	5.8	9	6.1	6	8	7	2							3			
	06	9928	42	42	42	18	1.2	5.8	9	6.1	6	8	7	2							4			
	09	9929	45	45	45	1.6	0.2	9.9	6	0.1	1	5	5	6	3						4			
	12	9944	46	45	45	30	0.6	8.4	9	0.3	2	2	8	3	3						7			
	15	9960	46	45	45	34	0.9	8.2	9	0.2	2	2	8	7	3						6			
14	18	9974	43	43	43	27	1.4	8.0	9	0.3	2	2	8	6	3						6			
	21	9987	43	41	38	31	1.0	8.7	3	0.1	1	3	8	5	7						4	35	30	432
	00	9990	42	41	40	29	1.7	8.4	3	0.1	1	3	8	5	7						7			
	03	9922	42	41	40	32	1.2	8.4	3	2.5	1	3	8	4	6						6			
	06	10016	44	43	42	32	1.0	9.7	4	0.3	1	4	8	3	6						6			
	09	10018	44	41	37	28	1.0	9.4	7	0.3	1	7	8	4	4						6			
	12	10033	45	44	42	25	0.5	8.4	7	2.5	8	7	8	4	4						6			
15	15	10043	43	43	43	28	1.1	9.4	7	2.0	2	2	7	3	3						7			
	18	10060	43	41	38	24	0.5	9.4	7	1.5	8	7	7	2	4						6			
	21	10077	41	41	41	27	0.9	6.0	8	5.0	5	5	8	7	3						6	30	23	349
	00	10086	40	38	35	28	1.0	8.4	5	0.1	5	6	6	4	3						6			
	03	10083	42	41	40	29	1.1	8.4	7	0.3	2	2	8	4	6						6			
	06	10131	43	43	43	31	1.2	7.4	9	5.1	5	5	8	7	3						7			
	09	10070	45	45	45	32	2.0	8.0	9	6.1	5	5	8	7	3						7			
16	12	10057	45	45	45	32	1.0	7.4	9	5.1	5	5	8	7	3						7			
	15	10046	45	45	45	32	2.0	8.6	9	6.0	6	6	8	7	2						7			
	18	10054	45	45	45	32	2.4	5.8	9	6.1	6	6	8	7	2						7			
	21	10058	45	45	45	23	1.6	8	5.1	7	7	7	7	7	7						7	31	31	273
	00	10045	45	45	45	32	2.3	1.6	9	6.1	6	6	8	7	2						6	30	33	253
	03	10034	45	45	45	34	2.2	5.6	8	6.1	6	6	8	7	2						6			
	06	10050	45	45	45	32	3.0	5.6	8	6.1	6	6	8	7	2						7			
17	09	10022	45	45	45	52	2.6	5.8	9	6.1	6	6	8	7	2						7			
	12	10116	45	44	43	00	0.0	8.4	8	8.3	2	2	8	7	2						6			
	15	10095	43	43	43	00	0.0	7.4	8	8.3	2	2	8	6	3						6			
	18	10086	43	43	43	34	0.8	1.6	8	5.1	5	5	8	6	1						7			
	21	10080	42	42	42	29	1.2	7.4	8	2.0	5	5	8	5	5						7	29	17	567
	00	10062	43	42	41	32	1.7	5.3	7	0.2	2	2	7	5	5	5	5	5	5	1				
	03	10050	43	42	41	32	1.5	5.4	8	0.2	2	2	7	5	5	5	5	5	4					
18	06	10037	44	44	44	33	1.2	5.4	8	0.1	2	2	7	6	5	5	5	5	5	4				
	09	10058	44	44	44	33	1.7	8.0	8	0.2	2	2	7	6	5	5	5	5	5	4				
	12	10027	46	45	44	32	1.9	8.0	8	0.2	2	2	7	6	5	5	5	5	5	4				
	15	10027	46	45	44	33	1.5	7.4	8	0.2	2	2	7	6	5	5	5	5	5	4				
	18	10029	45	45	45	33	0.9	5.8	8	0.2	2	2	7	6	4	4	4	4	4	3				
	21	10028	45	44	43	34	0.9	5.8	8	0.2	2	2	7	7	3	3								

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LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND			VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	LOW CLOUD			MIDDLE CLOUD			HIGH CLOUD			DIRECTION OF CLOUD MOVEMENT	MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES				
				DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VV				Oktas	WW	W	Oktas	C _L	h	C _M	C _H	D _L	D _M	D _H	DIRECTION	SPEED	MAXIMUM	MINIMUM				
				lb x 10 ⁻¹	°F	°F	°F	°x 10	kt																	°F	°F				
19	00	10018	44	44	44	32	04	08	R	47	6	2	6	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
03	10006	43	43	43	32	02	15	8	R	45	4	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
06	10005	43	43	43	00	00	15	8	R	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
09	10008	46	45	45	00	00	02	7	R	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
12	9994	46	44	42	31	05	02	7	R	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
15	9987	48	44	42	31	10	03	34	R	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
18	9974	45	45	42	34	15	04	34	R	7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
21	9952	45	44	43	56	25	03	03	R	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20	00	9881	45	44	44	35	28	56	R	51	6	1	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
03	9841	45	45	45	36	36	32	58	R	01	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
06	9855	44	43	42	52	19	03	53	R	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
09	9848	45	45	40	35	14	03	53	R	01	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
12	9856	45	44	43	33	17	04	04	R	01	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
15	9821	43	41	39	29	23	03	53	R	7	30	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
18	9833	45	42	41	50	17	03	05	R	25	8	6	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
21	9853	43	40	37	27	19	00	08	R	15	2	7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
21	00	9876	41	39	36	27	15	56	R	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
03	9924	41	38	35	27	24	00	08	R	15	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
06	9946	41	37	33	25	17	04	02	R	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
09	9971	42	39	34	25	13	04	03	R	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
12	9975	45	42	37	28	20	04	05	R	03	8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
15	9942	44	41	37	32	22	00	09	R	6	8	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18	9872	43	43	34	19	32	03	02	R	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	9818	45	44	43	32	26	00	04	R	01	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
22	00	9802	43	43	43	29	22	32	R	21	6	9	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
03	9825	44	42	42	27	19	05	58	R	02	5	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
06	9950	39	37	34	18	20	05	58	R	00	5	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
09	10048	39	36	31	20	18	04	08	R	02	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
12	10107	41	37	32	27	14	04	08	R	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	10145	42	38	31	27	17	04	05	R	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	10166	41	38	33	27	13	04	04	R	02	1	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
21	10182	42	40	37	27	12	00	08	R	50	1	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
23	00	10175	42	40	37	31	17	74	R	02	2	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
03	10159	42	40	37	32	16	74	R	03	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
06	10134	43	41	38	34	17	74	R	02	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
09	10103	45	45	40	32	18	74	R	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	10052	45	45	45	34	18	48	R	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	9999	47	47	34	28	74	R	60	5	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
18	9971	46	46	32	22	24	9	50	R	70	5	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
21	9965	46	46	46	32	19	24	08	R	50	1	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
24	00	9948	45	45	32	17	20	8	R	61	5	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03	9939	43	41	39	17	07	48	R	02	6	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
06	9933	42	41	40	00	00	74	R	21	2	1	7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
09	9941	43	42	40	27	10	84	R	02	6	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	10129	42	40	37	28	17	80	R	7	15	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
15	10144	43	41	37	27	19	82	R	02	1	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18	10158	42	40	37	27	17	82	R	7	0																					

Results of Surface Observations,
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LOCAL STANDARD TIME	STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND			VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		EXTREME TEMPERATURES												
		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VV				Oktas	WW	%	Oktas	C _L	C _M	C _H	D _L	D _M	D _H	Direction	Speed	Anemometer Wind Run	Points	Maximum	Minimum					
		Day	Hour	mb x 10 ⁻¹	°F	°F	°F	* x 10	kt	h	%	h	%	%	h	Base	Low	Middle	High	Low	Middle	High	* x 10	kt	St.miles						
28	00	10049	43	43	43	28	17	5.5	8	5.0	5	5	8	6	3	9	6	6	6	6	6	6	32	30	492	0.002	46	41			
	03	10059	42	41	40	27	17	7.4	8	0.1	2	2	4	8	5	3	9	6	6	6	6	6	6	6	6	6	6	6	6	6	
	06	10066	43	42	41	27	0.9	8.4	5	0.1	2	2	4	8	5	3	9	6	6	6	6	6	6	6	6	6	6	6	6	6	
	09	10064	44	44	44	31	0.9	5.5	3	2.0	5.1	5	5	8	5	3	9	6	6	6	6	6	6	6	6	6	6	6	6	6	
	12	10051	45	45	45	32	1.6	5.8	8	0.2	2	2	3	8	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	15	10022	46	46	46	32	2.0	5.8	8	0.2	2	2	3	8	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	18	10014	45	44	43	32	2.6	5.6	8	0.2	2	2	3	8	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	21	10012	45	44	43	32	2.6	N.D.	8	5.1	5	5	8	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
29	00	9995	45	45	45	32	2.3	5.2	9	5.1	5	5	9	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	03	980	45	45	45	32	2.3	1.6	8	5.1	5	5	9	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	06	985	45	44	44	31	2.0	5.0	8	6.1	5	5	9	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	09	995	44	43	42	31	1.7	5.5	8	0.1	5	5	8	5	3	9	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
	12	10002	45	43	39	30	1.9	8.0	8	1.5	2	2	3	8	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	15	10012	46	42	36	2.9	2.5	8.2	9	0.1	1	1	3	8	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	18	10029	44	41	37	2.6	2.5	8.4	4	0.3	1	1	4	8	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	21	10036	42	40	36	2.8	2.0	8.0	2	0.5	2	2	6	8	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
30	00	10045	42	40	36	2.8	1.7	8.2	4	8.0	8	4	2	2	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	03	10047	41	39	37	2.9	1.7	8.2	7	2.5	8	6	2	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	06	10057	41	39	37	2.9	1.8	8.2	7	2.5	8	5	2	2	4	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	09	10065	44	41	36	2.7	1.9	8.4	3	0.1	8	2	2	4	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	12	10078	44	42	39	2.7	2.3	8.2	6	1.5	8	5	2	2	4	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	15	10092	43	40	35	2.7	2.6	8.4	6	1.5	8	5	2	2	4	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	18	10109	43	40	35	2.7	2.1	8.4	4	0.1	1	1	2	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	21	10126	42	38	32	2.7	2.0	8.4	6	0.3	1	1	4	2	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
31	00	10143	41	38	33	2.7	1.6	8.4	2	0.1	1	1	1	1	1	5	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	03	10153	41	39	35	2.6	1.3	8.4	6	0.3	1	1	5	2	1	5	0	9	6	6	6	6	6	6	6	6	6	6	6	6	6
	06	10165	42	39	35	2.8	0.9	8.4	5	0.2	2	2	1	5	0	9	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
	09	10154	45	43	40	3.0	0.7	8.4	3	0.1	1	1	2	1	5	0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	12	10150	47	45	43	3.3	0.5	8.4	5	0.3	1	1	3	2	1	5	0	2	6	6	6	6	6	6	6	6	6	6	6	6	6
	15	10126	46	44	41	3.4	0.9	8.4	7	0.3	1	1	7	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
	18	10093	44	43	43	3.6	1.4	5.8	8	6.1	6	5	7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	21	10033	45	45	45	3.6	0.8	3.2	8	6.1	6	5	7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	

Results of Surface Observations,
MAWSON JAN. 1962

LOCAL STANDARD TIME				TEMPERATURES		SURFACE WIND		CLOUD AMOUNT		PRESENT WEATHER		LOW CLOUD		DIRECTION OF CLOUD MOVEMENT		MAXIMUM WIND GUST		EXTREME TEMPERATURES				
DAY	HOUR	STATION LEVEL PRESSURE		DRY BULB °F	WET BULB °F	DEWPNT °F	DIRECTION ° x 10	SPEED kt	VISIBILITY mi	Oktas	WW	JE	Oktas	C _L	Type	Low	Middle	High	Anemometer Wind Run mi	PRECIPITATION Points	MAXIMUM °F	MINIMUM °F
		in x 10 ⁻³																				
01	02	9718	25			15	12	21	80	6	15	2	6	5	7							
05		9715	26			15	12	22	80	7	15	2	7	5	6							
08		9721	27			18	11	30	80	8	15	2	8	5	7							
11		9734	31			18	11	25	80	8	15	2	5	5	6	3						
14		9741	34			20	11	19	80	7	01	2	2	5	7	3						
17		9750	56			19	09	11	82	3	01	1	2	0	9	3						
20		9761	33			23	04	04	84	5	03	1	1	0	9	3	4					
23		9774	28			18	12	13	84	4	02	1	3	0	9	3	4					
02	02	9780	25			15	13	14	84	5	03	1	0	0	9	0	0	4				
05		9788	21			10	14	23	84	1	02	1	0	0	9	0	0	0				
08		9791	29			15	13	13	84	3	03	1	0	0	9	0	0	0				
11		9798	33			12	09	07	84	5	03	1	0	0	9	0	0	0				
14		9809	35			17	05	04	84	3	02	1	0	0	9	0	0	0				
17		9814	33			18	06	06	84	5	03	2	1	1	1	0	0	0				
20		9818	53			19	06	06	84	6	02	2	1	1	1	0	0	0				
23		9829	27			18	11	08	84	6	02	2	2	1	1	0	0	0				
03	02	9833	23			16	13	16	84	8	02	2	0	0	9	0	0	5				
05		9834	24			13	13	17	84	8	02	2	0	0	9	0	0	5				
08		9828	25			13	13	23	84	6	01	2	1	1	6	3	7					
11		9822	30			17	13	21	84	6	03	1	1	5	6	3	8					
14		9812	33			17	11	20	84	3	01	1	1	0	9	3	1					
17		9802	35			18	11	12	84	7	03	1	0	0	9	0	0	4				
20		9803	32			17	12	10	84	5	01	1	1	1	1	0	0	8				
23		9777	25			12	15	18	84	0	02	1	0	0	9	0	0	0				
04	02	9754	19	05	15	27	84	0	02	0	0	0	0	0	0	0	0	1				
05		9729	18	04	15	31	84	1	02	0	0	0	0	0	0	0	0	1				
08		9707	23	07	17	18	84	1	02	0	0	0	0	0	0	0	0	1				
11		9684	26	12	27	10	84	0	02	0	0	0	0	0	0	0	0	0				
14		9673	28	13	34	03	84	0	02	0	0	0	0	0	0	0	0	0				
17		9673	29	13	27	04	84	0	02	0	0	0	0	0	0	0	0	0				
20		9669	29	16	32	04	84	1	02	0	0	0	0	0	0	0	0	0				
23		9677	27	22	34	05	84	1	02	0	0	0	0	0	0	0	0	0				
05	02	9699	23	19	13	08	84	2	03	0	2	0	1	1	1	1	0	0				
05		9701	23	13	13	09	84	0	02	0	0	0	0	0	0	0	0	0				
08		9714	25	12	02	14	84	1	02	1	1	1	0	0	0	9	3	3				
11		9730	29	16	11	17	84	1	02	1	1	1	0	0	0	9	3	3				
14		9733	32	18	11	15	84	6	03	1	1	5	0	0	0	9	3	3				
17		9737	31	21	10	17	84	7	03	2	2	2	1	1	1	5	7	7				
20		9739	31	21	11	17	84	8	02	1	1	1	1	1	1	5	7	7				
23		9744	28	18	12	24	84	7	01	2	2	2	0	0	0	9	3	3				
06	02	9764	26	14	11	26	84	7	15	0	1	2	7	7	0	9	3	3				
05		9775	25	11	31	04	84	2	01	2	1	1	2	2	0	9	3	3				
08		9788	28	14	15	17	84	0	02	1	2	1	1	1	0	0	9	3				
11		9794	31	17	12	17	84	5	02	1	1	1	1	1	0	0	9	3				
14		9799	37	15	08	06	84	1	02	1	1	1	1	1	0	0	9	3				
17		9800	33	19	26	08	84	1	02	1	1	1	1	1	1	1	6	6				
20		9795	32	24	30	08	84	1	02	1	1	1	1	1	1	1	6	6				
23		9793	29	24	00	00	84	2	02	1	1	2	1	2	0	0	9	3				
07	02	9794	25	20	00	00	84	1	01	1	1	1	0	0	0	9	3	3				
05		9794	25	17	14	05	84	1	01	2	2	2	7	7	0	9	3	3				
08		9788	27	17	00	00	84	0	02	2	2	2	0	0	0	9	3	3				
11		9787	33	19	09	07	84	0	02	2	2	2	0	0	0	9	3	3				
14		9793	34	24	05	04	84	1	01	3	3	1	1	1	0	0	9	3				
17		9799	34	25	05	05	84	5	03	3	3	1	1	1	1	1	6	6				
20		9803	51	25	06	07	84	2	01	1	1	1	1	1	1	1	6	6				
23		9815	27	20	13	10	84	4	02	1	1	4	2	2	7	7	7	7				
08	02	9823	23	15	13	19	84	4	02	1	2	2	5	5	6	6	6	3				
05		9831	25	11	11	17	84	5	02	2	2	2	5	5	6	6	6	3				
08		9835	27	17	11	17	84	3	01	1	3	1	3	5	6	6	6	3				
11		9844	30	23	05	09	84	5	03	1	5	1	5	1	6	6	6	3				
14		9851	31	21	05	08	84	3	01	1	3	1	3	1	6	6	6	3				
17		9854	33	21	36	04	84	7	15	1	7	1	7	8	7	7	7	5				
20		9853	30	21	06	05	84	7	02	2	2	7	3	3	7	7	7	5				
23		9853	26	20	10	09	84	7	02	2	2	7	3	3	7	7	7	5				
09	02	9860	25	21	05	04	84	7	02	2	2	7	5	5	7	7	7	5				
05		9860	25	20	08	08	84	5	02	2	2	5	5	6	6	6	5	5				
08		9863	29	23	05	05	84	3	02	1	2	4	4	5	5	5	5	5				
11		9866	33	24	07	06	84	6	03	2	2	4	4	5	5	5	5	5				
14		9875	31	23	24	05	84	3	01	1	2	2	2	3	3	3	3	3				
17		9880	31	21	24	05	84	1	01	1	1	1	1	1	1	1	1	1				
20		9885	31	20	24	03	84	1	02	1	1	1	1	1	1	1	1	1				
23		9896	26	20	12	11	84	2	03	1	2	2	2	2	2	2	2	2				

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE			TEMPERATURES			SURFACE WIND		VISIBILITY			CLOUD AMOUNT			PRESENT WEATHER			LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			EXTREME TEMPERATURES		
DAY	HOUR	lb x 10 ⁻³	°F	°F	DEW POINT	= x 10	DIRECTION	kt	SPEED	VV	Oktas	WW	%	Oktas	C _L	C _M	C _H	D _L	D _M	D _H	LOW	MIDDLE	HIGH	ANEMOMETER WIND RUN	kt	St. Miles	Points	MAXIMUM	MINIMUM	
10	02	9905	24				18	12	15	84	2	02	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05	9911	25				19	12	19	84	3	03	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08	9919	29				20	09	20	84	7	03	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11	9923	34				23	05	06	84	6	02	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14	9936	34				27	05	06	84	2	02	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17	9933	31				27	06	05	84	2	02	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20	9935	30				25	00	00	84	7	02	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23	9937	29				23	13	06	84	8	02	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	02	9942	27				22	13	09	74	8	02	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05	9935	24				14	13	21	84	7	02	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08	9932	26				14	13	15	84	7	02	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11	9930	31				18	13	13	84	7	02	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14	9930	34				22	06	03	84	2	01	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17	9927	34				22	07	02	84	1	02	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20	9927	36				24	06	02	84	2	02	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23	9932	27				19	13	12	84	3	02	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	02	9928	24				15	13	15	84	2	02	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05	9920	23				13	13	19	84	1	02	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08	9915	29				16	11	21	84	1	02	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11	9905	32				17	12	20	84	3	03	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14	9909	36				18	07	12	84	5	03	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17	9908	35				21	05	08	84	3	01	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20	9910	33				22	08	05	84	1	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23	9913	25				15	13	17	84	1	02	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	02	9918	22				10	13	21	84	1	02	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05	9920	22				09	15	17	84	2	02	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08	9922	25				10	13	20	84	3	02	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11	9924	29				15	11	20	84	2	02	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14	9932	33				19	04	11	84	5	03	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17	9933	33				19	07	13	84	6	03	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20	9934	31				19	08	11	84	2	02	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23	9936	23				16	13	20	84	2	02	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	02	9931	20				10	13	29	84	3	02	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05	9924	24				08	13	31	84	2	02	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08	9919	23				11	13	28	84	7	03	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11	9907	28				16	13	31	84	7	03	2	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14	9900	30				17	11	34	84	7	02	2	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17	9894	31				18	11	33	84	7	02	2	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20	9897	28				16	11	27	84	7	02	2	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23	9897	25				14	13	31	84	7	02	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	02	9897	23				10	13	37	84	6	02	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05	9892	24				10	13	35	84	2	01	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08	9892	26				11	13	31	84	2	02	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11	9891	29				15	13	26	84	2	02	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14	9890	34				18	11	18	84	1	02	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17	9888	35				18	10	15	84	1	02	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20	9891	31				17	11	11	84	2	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23	9895	24				12	13	23	84	1	02	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	02	9894	22				10	13	27	84	1	02	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05	9892	22				08	12	27	84	1	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08	9891	25				10	13	25	84	1	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11	9891	28				13	13</																						

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE mb x 10 ⁻¹		TEMPERATURES		SURFACE WIND		CLOUD AMOUNT												PRESENT WEATHER			PAST WEATHER			LOW CLOUD			MIDDLE CLOUD			HIGH CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN			EXTREME TEMPERATURES	
DAY	HOUR			DRY BULB °F	WET BULB °F	D.E. POINT °F	DIRECTION ° x 10	SPEED kt	VISIBILITY mi	Cloud Amount	Present Weather	Past Weather	Amount	Type	Base	C _L	C _M	C _H	Low	Middle	High	D _L	D _M	D _H	Direction	Speed	St. Miles	Points	Maximum	Minimum														
19	02	9779	21			14	13	21	84	1	02	0	1	5	7																													
	05	9780	19			10	12	24	84	1	02	0	1	5	7																													
	08	9783	26			17	12	17	84	4	03	1	4	7	7																													
	11	9793	31			22	08	13	84	7	03	2	2	7	7																													
	14	9807	35			24	09	13	84	7	02	2	2	6	7																													
	17	9816	31			24	09	19	74	8	02	70	7	7	7																													
	20	9825	29			23	11	24	74	8	02	70	7	7	7																													
	23	9842	27			22	11	25	66	8	02	70	7	7	7																													
20	02	9856	26			20	12	25	74	8	16	7	8	5	7																													
	05	9862	25			19	11	29	74	8	15	2	2	5	7																													
	08	9872	26			18	11	29	74	8	02	2	2	5	7																													
	11	9878	28			17	11	29	74	8	15	2	2	5	7																													
	14	9889	29			17	10	18	66	8	15	2	2	5	7																													
	17	9894	30			18	09	13	66	7	15	2	2	5	7																													
	20	9895	28			19	09	05	80	7	02	2	2	5	7																													
	23	9894	26			18	13	11	80	7	15	2	2	5	7																													
21	02	9892	26			17	13	14	80	7	15	2	2	5	7																													
	05	9881	25			14	14	14	80	7	02	2	2	4	5																													
	08	9874	24			13	14	17	80	7	02	2	2	3	5																													
	11	9865	27			14	13	20	80	7	02	2	2	2	5																													
	14	9858	32			16	11	09	82	7	02	2	2	3	5																													
	17	9854	35			18	09	06	84	7	01	2	2	2	5																													
	20	9846	31			16	10	11	84	7	03	1	2	0	9																													
	23	9857	24			12	12	21	84	7	03	2	2	0	9	2																												
22	02	9845	22			09	13	30	82	8	03	2	2	8	0	9	2																											
	05	9842	22			09	13	35	82	8	02	2	2	7	0	6	2																											
	08	9835	23			12	13	34	80	8	15	2	2	8	0	6	2																											
	11	9830	26			14	13	38	74	8	09	2	2	7	5	5	2																											
	14	9827	28			19	13	38	74	8	15	2	2	8	6																													
	17	9827	27			20	13	38	65	8	70	2	2	8	6																													
	20	9830	25			23	12	42	80	8	71	7	8	6	5																													
	23	9838	22			21	13	44	00	0	38	7	0	0	0																													
23	02	9844	22			21	13	45	00	0	39	3	0	0	0																													
	05	9849	23			21	13	46	00	0	39	3	0	0	0																													
	08	9856	23			21	15	45	00	0	38	3	0	0	0																													
	11	9861	25			24	13	45	05	0	38	3	0	0	0																													
	14	9874	28			22	13	40	00	0	38	3	0	0	0																													
	17	9893	29			21	13	33	00	0	38	3	0	0	0																													
	20	9914	29			17	13	31	74	8	15	2	2	0	0																													
	23	9926	27			11	13	25	80	6	01	2	2	0	0																													
24	02	9929	20			08	15	26	84	2	01	1	1	2	0	0	9	3																										
	05	9929	17			07	15	32	84	1	02	1	1	1	0	0	9	9	2																									
	08	9933	19			07	15	35	84	1	02	1	1	1	0	0	9	9	3																									
	11	9923	28			13	15	17	84	1	02	1	1	1	0	0	9	9	3																									
	14	9923	32			19	12	17	84	1	02	1	1	1	0	0	9	9	3																									
	17	9922	32			15	05	06	84	0	02	0	0	0	0	0	9	9	1																									
	20	9925	27			14	11	15	84	1	02	0	0	1	0	0	9	9	0																									
	23	9932	26			11	13	17	84	0	02	0	0	0	0	0	9	9	0																									
25	02	9938	24			12	15	25	84	0	02	0	0	0	0	0	0	0	0																									
	05	9938	17			05	15	31	84	0	02	0	0	0	0	0	0	0	0																									
	08	9931	21			08	15	29	84	5	03	1	0	0	0	0	0	0	0																									
	11	9924	29			16	14	16	84	2	02	1	0	0	0	0	0	0	0																									
	14	9920	31			14	12	20	84	1	02	0	0	0	0	0	0	0	0																									
	17	9915	31			16	08	12	84	2	03	0	0	0	0	0	0	0	0																									
	20	9911	30			15	08	08	84	3	03	1	0	0	0	0	0	0	0																									
	23	9890	28			15	13	26	84	3	02	1	3	0	0	0	0	0	0																									
26	02	9888	22			07	13	18	84	0	02	0	0	0	0	0	0	0	0																									
	05	9876	19			06	16	26	84	3	02	0	0	0	0	0	0	0	0																									
	08	9872	25			09	15	17	84	0	02	0	0	0	0	0	0	0	0																									
	11	9873	29			13	13	24	84	7	03	2	0	0	0	0	0	0	0																									
	14	9893	35			15	08	11	84	2	02	0	0	0	0	0	0	0	0																									
	17	9905	31			15	02	0																																				

Results of Surface Observations,
MAWSON JAN., 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE mb $\times 10^{-1}$	TEMPERATURES			SURFACE WIND			VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	LOW CLOUD			MIDDLE CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			ANEMOMETER WIND RUN St. Miles	PRECIPITATION Points	EXTREME TEMPERATURES	
				DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION °x 10	SPEED kt	VV Oktas				C _L h	C _M h	C _H h	D _L	D _M	D _H	"x 10 kt	LOW MIDDLE HIGH	DIRECTION LOW MIDDLE HIGH	SPEED "x 10 kt	MAXIMUM WIND GUST "x 10 kt	MAXIMUM MINIMUM				
28	02	9802	20		19	11	44	05	38	7																		
	05	9792	19		18	11	41	00	39	3																		
	08	9795	19		18	12	40	00	39	3																		
	11	9791	22		21	12	39	00	38	3																		
	14	9811	26		12	12	35	56	7	15	5	7	7	5	5	7												
	17	9826	28		19	12	25	80	7	15	2	5	5	8	8	7												
	20	9835	26		17	12	25	80	8	15	2	R	R	5	8													
	23	9845	25		16	12	23	80	8	15	2	R	R	5	8													
29	02	9848	21		10	13	29	80	7	15	2	7	5	8														
	05	9842	20		08	13	24	80	1	01	2	1	5	7														
	08	9839	23		08	13	22	84	1	02	2	1	5	7														
	11	9832	28		15	13	16	84	1	02	2	1	5	7														
	14	9829	30		15	08	17	84	2	03	0	1	5	7	0	1	1	1	1	1	1	1	1	1	1	1	1	
	17	9823	29		15	07	12	84	2	02	0	1	5	7	0	1	1	1	1	1	1	1	1	1	1	1	1	
	20	9815	27		15	10	11	84	1	02	0	1	5	7														
	23	9903	21		09	13	21	84	1	02	0	1	5	7														
30	02	9792	20		06	12	20	84	1	02	0	1	5	7														
	05	9789	20		08	12	30	84	1	02	0	1	5	7														
	08	9771	22		09	12	25	84	1	02	0	1	5	7														
	11	9765	27		13	12	22	84	1	02	1	1	0	9	3													
	14	9766	32		17	07	10	84	2	02	1	2	0	9	3													
	17	9766	31		18	06	10	84	2	02	1	2	0	9	3													
	20	9765	33		19	16	03	84	6	03	1	6	0	9	3													
	23	9771	26		17	13	15	84	7	02	1	7	5	7														
31	02	9773	25		16	13	17	84	7	02	2	7	5	7														
	05	9773	25		16	13	19	84	7	02	2	7	8	7														
	08	9773	25		15	12	18	84	7	02	2	7	8	7														
	11	9781	27		17	12	17	84	7	02	2	7	8	7														
	14	9787	31		18	11	18	84	0	0	2	2	6	7	1													
	17	9791	31		18	09	10	84	0	0	2	2	6	7	1													
	20	9797	29		18	14	11	84	2	02	2	2	6	7	1													
	23	9805	26		18	11	15	84	2	02	2	2	6	7	1													

Results of Surface Observations,
MAWSON FEB., 1962

LOCAL STANDARD TIME		TEMPERATURES				SURFACE WIND				DIRECTION OF CLOUD MOVEMENT				MAXIMUM WIND GUST				EXTREME TEMPERATURES	
		STATION LEVEL PRESSURE	DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION = × 10 °	SPEED KT	VISIBILITY OKTAS	CLOUD AMOUNT	PAST WEATHER	LOW CLOUD	MIDDLE CLOUD	HIGH CLOUD	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM WIND MPH	MINIMUM WIND MPH		
DAY	HOUR	mb × 10 ⁻²	°F	%	= × 10	KT	VV	OKTAS	WW	OKTAS	C _L	C _M	C _H	St. miles	Points	°F	°F		
01	02	9813	24		15	13	15	82	7	7	7	5	5	3					
05		9819	24		15	14	15	82	7	02	7	7	7	3					
08		9828	25		15	14	15	82	7	02	7	7	7	3					
11		9840	29		16	14	12	83	7	02	7	7	7	3					
14		9850	34		18	09	03	82	7	02	7	7	7	3					
17		9855	30		18	27	0.5	80	7	02	7	7	7	3					
20		9859	29		17	25	0.5	80	7	02	7	7	7	3					
23		9862	28		20	16	0.7	74	3	02	1	3	3	3					
02	02	9864	23		15	14	11	74	6	02	1	1	1	3					
05		9854	19		09	11	24	80	7	02	1	1	1	3					
08		9854	20		10	14	23	84	7	02	1	1	1	3					
11		9858	27		14	14	14	84	1	0	0	0	0	3					
14		9854	32		19	14	14	84	1	0	0	0	0	3					
17		9854	32		20	04	05	84	5	03	1	4	1	3					
20		9848	30		18	09	09	85	5	03	2	6	0	3					
23		9848	25		15	14	19	80	7	03	2	7	7	3					
03	02	9850	22		09	14	19	80	7	02	2	2	2	3					
05		9851	18		06	32	82	82	2	02	2	2	2	3					
08		9855	23		10	14	26	82	7	02	2	2	2	3					
11		9857	26		13	14	25	84	5	02	2	2	2	3					
14		9861	30		15	17	84	2	01	2	2	2	3						
17		9863	31		14	11	09	84	2	02	2	2	2	3					
20		9860	30		14	07	84	1	02	2	2	2	3						
23		9864	21		11	14	16	80	3	02	1	3	3	3					
04	02	9872	14		03	14	21	80	0	02	1	1	1	3					
05		9858	14		03	14	19	84	0	02	1	1	1	3					
08		9853	21		09	14	17	84	0	02	1	1	1	3					
11		9850	24		10	14	15	84	0	02	1	1	1	3					
14		9851	27		11	14	05	84	0	02	1	1	1	3					
17		9851	27		12	23	0.7	84	0	02	1	1	1	3					
20		9859	27		13	26	0.5	84	0	02	1	1	1	3					
23		9868	22		13	14	11	84	0	02	1	1	1	3					
05	02	9881	18		10	14	19	82	9	02	1	1	1	3					
05		9892	14		04	14	23	84	4	02	1	1	1	3					
08		9899	20		06	14	12	84	5	02	1	1	1	3					
11		9909	25		11	14	09	84	5	02	1	1	1	3					
14		9920	29		05	14	17	84	5	02	1	1	1	3					
17		9917	30		13	11	15	84	5	02	1	1	1	3					
20		9934	31		18	11	15	84	5	02	1	1	1	3					
23		9942	18		05	14	28	84	2	02	1	1	1	3					
06	02	9954	17		05	14	28	82	2	02	1	1	1	3					
05		9952	15		05	14	23	84	4	02	1	1	1	3					
08		9945	22		08	14	13	84	4	02	1	1	1	3					
11		9940	27		12	09	12	84	4	02	1	1	1	3					
14		9937	28		12	06	12	84	4	02	1	1	1	3					
17		9938	27		12	04	10	84	4	02	1	1	1	3					
20		9928	27		12	07	09	84	4	02	1	1	1	3					
23		9924	24		14	14	09	82	7	02	0	0	0	3					
07	02	9921	23		11	11	13	92	9	02	1	1	1	3					
05		9913	24		12	14	19	82	9	02	1	1	1	3					
08		9906	25		10	14	24	82	9	02	1	1	1	3					
11		9900	27		14	14	30	80	9	02	1	1	1	3					
14		9901	27		18	14	28	85	9	02	1	1	1	3					
17		9894	29		19	14	31	86	9	02	1	1	1	3					
20		9895	27		18	14	35	83	9	02	1	1	1	3					
23		9904	24		17	14	35	83	9	02	1	1	1	3					
08	02	9985	23		17	14	38	85	8	02	1	1	1	3					
05		9875	23		14	12	42	85	8	02	1	1	1	3					
08		9869	21		21	12	42	80	8	02	1	1	1	3					
11		9853	21		20	12	45	80	8	02	1	1	1	3					
14		9851	22		21	12	49	80	8	02	1	1	1	3					
17		9841	23		22	12	50	80	8	02	1	1	1	3					
20		9829	23		22	12	50	80	8	02	1	1	1	3					
23		9834	22		21	12	50	80	8	02	1	1	1	3					
09	02	9839	23		22	13	50	0	0	0	38	5	5	5					
05		9838	24		23	13	50	0	0	0	38	5	5	5					
08		9838	25		24	13	51	0	0	0	38	3	3	3					
11		9842	25		24	13	50	0	0	0	38	3	3	3					
14		9847	26		25	13	50	0	0	0	38	3	3	3					
17		9863	26		25	13	46	0	0	0	38	3	3	3					
20		9875	26		25	13	46	0	0	0	38	3	3	3					
23		9908	25		24	13	41	48	0	0	0	36	3	3					

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE mb x 10 ⁻³	TEMPERATURES				SURFACE WIND		VISIBILITY VV	CLOUD AMOUNT Oktas	PRESENT WEATHER		LOW CLOUD			MIDDLE CLOUD			HIGH CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN		PRECIPITATION		EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB °F	WET BULB °F	DEP POINT °x 10	DIRECTION kt	SPEED m/s	PAST WEATHER		AMOUNT Oktas	C _L	Type	Base	C _M	C _H	D _L	D _M	D _H	Direction °x 10	Speed kt	St. miles	Points	Maximum Wind Run mi	Minimum Wind Run mi	Maximum Precipitation inches	Minimum Precipitation inches	Maximum Temperature °F	Minimum Temperature °F				
10	02	9918	26		25	11	53	48	8	36	3	0	0	9	2						5											
	05	9938	26		18	11	27	66	8	15	2	0	0	9	2						5											
	08	9961	26		15	11	25	80	8	02	2	0	0	9	7						5											
	11	9967	28		17	11	23	80	8	02	2	0	0	9	7						5											
	14	9976	30		17	11	20	80	8	02	2	0	0	9	7						5											
	17	9977	31		16	11	20	82	8	02	2	0	0	9	7						5											
	20	9971	29		14	11	17	82	7	02	2	0	0	9	7						5											
	23	9966	24		10	12	22	80	6	02	2	0	0	9	5						5											
																					13	47	922			31	23					
11	02	9959	22		06	13	31	84	4	01	1	0	0	9	3	1	0	5	5	5	5											
	05	9958	21		06	11	27	84	2	03	2	7	5	7	7						5											
	08	9947	24		07	13	34	82	7	03	2	7	5	7	7						5											
	11	9937	25		12	12	28	82	7	09	2	7	5	7	7						5											
	14	9934	26		11	12	27	82	8	03	2	8	5	7	7						5											
	17	9930	26		13	12	24	82	8	03	2	8	5	7	7						5											
	20	9923	26		13	12	24	80	7	15	2	7	5	7	7						5											
	23	9923	25		08	13	31	80	6	01	2	5	5	7	7						5											
																					13	47	556			26	19					
12	02	9920	21		06	13	32	80	0	01	2	0	0	9	0	0	0	0	0	3	3											
	05	9924	23		07	14	35	82	0	02	2	0	0	9	3	0	0	0	0	3	3											
	08	9931	25		08	12	29	84	6	03	2	0	0	9	3	0	0	0	0	3	3											
	11	9929	32		11	12	22	84	1	01	2	0	0	9	3	0	0	0	0	3	3											
	14	9929	34		14	12	19	84	0	02	2	0	0	9	0	0	0	0	0	3	3											
	17	9928	34		16	13	15	84	0	02	2	0	0	9	0	0	0	0	0	3	3											
	20	9930	29		13	12	17	84	0	02	2	0	0	9	0	0	0	0	0	3	3											
	23	9926	24		07	13	19	80	0	02	2	0	0	9	0	0	0	0	0	3	3											
																				13	49	663			36	21						
13	02	9919	19		03	17	27	80	0	02	2	0	0	9	0	0	0	0	0	3	3											
	05	9910	21		03	16	23	82	1	02	2	1	5	7	0	0	0	0	0	3	3											
	08	9897	21		03	13	31	84	1	02	2	1	5	7	0	0	0	0	0	3	3											
	11	9897	24		07	12	28	84	1	02	2	1	5	7	0	0	0	0	0	3	3											
	14	9890	28		11	11	19	84	1	02	2	1	1	5	7	0	0	0	0	3	3											
	17	9888	29		11	13	17	84	2	02	2	1	1	5	7	0	0	0	0	3	3											
	20	9890	25		10	11	17	84	3	02	2	1	2	5	7	0	0	0	0	3	3											
	23	9891	18		03	15	19	84	2	02	2	1	5	7	0	0	0	0	0	3	3											
																				13	51	477			30	17						
14	02	9914	17		02	14	19	82	1	02	2	0	1	5	7	0	0	0	0	3	3											
	05	9892	18		02	13	27	84	1	02	2	0	0	9	3	0	0	0	0	3	3											
	08	9896	18		02	15	30	84	1	02	2	0	0	9	3	0	0	0	0	3	3											
	11	9898	21		05	11	25	84	2	03	2	0	0	9	3	0	0	0	0	3	3											
	14	9899	26		10	11	17	82	6	03	2	4	5	7	3	0	0	0	0	3	3											
	17	9898	27		12	12	14	84	7	01	2	4	5	7	3	0	0	0	0	3	3											
	20	9896	25		13	12	16	80	8	03	2	8	5	7	7	0	0	0	0	3	3											
	23	9846	27		16	11	18	86	6	03	2	6	6	7	7	0	0	0	0	3	3											
																				13	38	459			36	20						
15	02	9897	25		10	12	24	80	8	02	2	6	6	7	7	0	0	0	0	3	3											
	05	9897	21		08	12	27	82	6	01	2	6	6	7	7	2	2	2	2	3	3											
	08	9890	24		09	12	25	84	5	01	2	6	6	7	7	2	2	2	2	3	3											
	11	9876	29		13	12	22	84	1	02	2	6	6	7	7	2	2	2	2	3	3											
	14	9863	35		19	12	33	84	1	01	2	6	6	7	7	2	2	2	2	3	3											
	17	9853	36		20	09	05	84	4	03	2	6	6	7	7	2	2	2	2	3	3											
	20	9850	30		17	11	19	74	8	02	2	6	6	7	7	2	2															

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DAY	HOUR	LOCAL STANDARD TIME		TEMPERATURES				SURFACE WIND		LOW CLOUD				DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		EXTREME TEMPERATURES							
		STATION LEVEL PRESSURE mb x 10 ⁻¹		°F	°C	°F	°C	DEGREES	DIRECTION	km	VISIBILITY	PAST WEATHER	CLOUD AMOUNT	CLOUD TYPE	C _L	C _M	C _H	D _L	D _M	D _H	kt	ANEMOMETER WIND RUN St. Miles	PRECIPITATION Points	MAXIMUM °F	MINIMUM °C	
										mm	Oktas															
28	0 2	9765	15			0 4	13	25	82	1	0 2	1	0 2	1	1	1	0	6	1	1	1	1	393		25	15
	0 5	9760	15			0 4	13	25	84	5	0 2	1	0 2	1	1	1	0	1	1	1	1	1				
	0 8	9761	19			0 9	13	17	84	7	0 3	1	0 3	1	1	1	0	0	0	0	0	0				
	1 1	9767	23			1 3	13	21	84	7	0 2	1	0 2	1	1	1	0	0	0	0	0	0				
	1 4	9780	25			1 2	13	25	84	7	0 2	1	0 2	1	1	1	0	0	0	0	0	0				
	1 7	9784	25			1 3	13	25	84	7	0 1	1	0 1	1	1	1	0	0	0	0	0	0				
	2 0	9789	22			1 1	13	24	84	8	0 3	1	0 3	1	1	1	1	1	1	1	1	1				
	2 3	9792	21			1 6	13	27	80	8	0 3	1	0 3	1	1	1	1	1	1	1	1	1				

Results of Surface Observations,
MAWSON MARCH 1962

Results of Surface Observations,
MAWSON MARCH 1962

Results of Surface Observations,
MAWSON MARCH, 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE			TEMPERATURES		SURFACE WIND		VISIBILITY		CLOUD AMOUNT		PRESENT WEATHER		LOW CLOUD		DIRECTION OF CLOUD MOVEMENT		MAXIMUM WIND GUST		ANEMOMETER WIND RUN		PRECIPITATION Points	EXTREME TEMPERATURES					
						DRY BULB °F × 10 ⁻¹	WET BULB °F	Dew Point °F × 10 ⁻¹	Direction ° × 10	Speed kt	VV	Oktas	WW	#	Oktas	Type C _L	Amount h	C _M	High Cloud C _H	Low D _L	Middle D _M	High D _H	Direction ° × 10	Speed kt	St. miles	Wind Run Points	Maximum °F	Minimum °F		
			mb × 10 ⁻¹	°F	°F	°F	°F	°F	°	mi																				
19	02	9812	11		04	11	38	65	8	85	8	8	8	5	6					1										
	05	9811	11		10	11	38	16	01	38	5	7	7	5	6					5										
	08	9819	11		10	11	36	01		73	7																			
	11	9830	12		11	11	31	16		38	3																			
	14	9851	14		07	14	29	74	7	36	4	7	7	5	6					6										
	17	9864	13		00	12	30	66	8	38	5	8	8	5	6					6										
	20	9871	09		08	12	23	56	8	38	5	8	8	5	6					6										
20	02	9885	05	502	14	20	74	3	01	3	3	3	3	5	5	5	5	5	0	6							14	08		
	05	9885	00	501	14	25	58	2	36	3	3	3	3	5	5	5	5	5	0	5										
	08	9881	501	502	14	26	02	2	38	3	3	3	3	5	5	5	5	5	0	0										
	11	9882	04	03	14	25	50	1	36	3	3	3	3	5	5	5	5	5	0	0										
	14	9875	09	08	14	17	84	1	01	3	1	1	1	5	5	5	5	5	0	0										
	17	9876	10		00	14	12	84	1	01	3	1	1	1	5	5	5	5	5	0										
	20	9863	05	503	14	19	84	1	01	3	1	1	1	5	5	5	5	5	0	0										
21	02	9864	11		02	14	28	84	0	01	0	0	0	0	9	9	9	9	9	0								11	01	
	05	9842	11		00	22	04	84	1	01	1	1	1	1	5	5	5	5	5	0	6									
	08	9826	04	501	15	31	80	0	36	1	0	0	0	9	9	9	9	9	0	0										
	11	9817	10		04	16	22	84	1	01	0	1	1	1	5	5	5	5	5	0	0									
	14	9817	17		06	11	25	84	2	02	0	2	1	1	5	5	5	5	5	0	0									
	17	9820	19		04	12	11	87	2	02	1	1	1	1	5	5	5	5	5	0	0									
	20	9821	10		502	11	20	84	3	02	1	1	1	1	5	5	5	5	5	0	0									
22	02	9831	09	503	13	21	84	0	02	1	0	0	0	9	9	9	9	9	0	0								19	04	
	05	9841	09	503	13	19	84	3	03	3	1	1	1	5	5	5	5	5	0	0										
	08	9858	11	505	13	20	84	1	02	0	1	1	1	5	5	5	5	5	0	0										
	11	9867	13	00	13	16	87	2	02	0	2	1	1	5	5	5	5	5	0	0										
	14	9882	13	03	11	17	87	1	02	0	2	1	1	5	5	5	5	5	0	0										
	17	9894	12	00	12	17	87	2	02	0	0	0	0	9	9	9	9	9	0	0										
	20	9903	08	504	12	18	87	1	02	0	0	0	0	9	9	9	9	9	0	0										
23	02	9917	02	511	15	12	84	1	02	0	2	1	1	5	5	5	5	5	0	0								14	01	
	05	9920	500	513	15	27	84	1	01	0	2	1	1	5	5	5	5	5	0	0										
	08	9922	11	507	15	20	87	2	01	0	2	1	1	5	5	5	5	5	0	0										
	11	9923	05	508	13	17	87	2	01	0	2	1	1	5	5	5	5	5	0	0										
	14	9925	08	502	13	14	87	1	01	0	2	1	1	5	5	5	5	5	0	0										
	17	9915	10	505	13	07	87	2	02	0	0	0	0	9	9	9	9	9	0	0										
	20	9919	502	515	13	28	84	1	02	0	2	1	1	5	5	5	5	5	0	0										
24	02	9916	502	515	13	26	84	3	02	0	2	1	1	5	5	5	5	5	0	0								12	502	
	05	9902	04	515	13	19	87	1	02	0	2	1	1	5	5	5	5	5	0	0										
	08	9889	04	511	12	23	87	1	02	0	2	1	1	5	5	5	5	5	0	0										
	11	9885	04	510	11	21	87	1	02	0	2	1	1	5	5	5	5	5	0	0										
	14	9875	12	504	11	10	87	4	03	0	2	1	1	5	5	5	5	5	0	0										
	17	9865	09	507	11	10	87	3	02	0	2	1	1	5	5	5	5	5	0	0										
	20	9844	07	508	13	09	84	3	02	0	2	1	1	5	5	5	5	5	0	0										
25	02	9842	02	515	13	20	84	3	02	0	2	1	1	5	5	5	5	5	0	0									13	39
	05	9847	02	515	13	27	84	1	02	0	2	1	1	5	5	5	5	5	0	0										
	08	9874	01	517	15	17	84	1	02	0	2	1	1	5	5	5	5	5	0	0										
	11	9873	06	512	14	25	84	1	02	0	2	1	1	5	5	5	5	5	0	0										
	14	9882	07	512	14	25	84	1	02	0	2	1	1	5	5	5	5	5	0	0										
	17	9887	06	511	11	19	87	2	03	1	1	1	1	5	5	5	5	5	0	0										
	20	9893	01	513	13	15	84	3	03	1	1	1	1	5	5	5	5	5	0	0										
	23	9897	00	515	13	27	84	3	02	1	0	1	1	5	5	5	5	5	0	0										08	00
26	02	9897	01	515	13	25	84	3	02	1	0	0	0	9	9	9	9	9	3	5	5	5	5	5	5	5	5	5	4	4
	05	9887	02	512	13	32	84	2	02	1	0	0	0	9	9	9	9	9	3	5	5	5	5	5	5	5	5	5	5	5
	08	9890	03	512	13	32	84	3	02	1	0																			

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE				TEMPERATURES		SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER		LOW CLOUD		HIGH CLOUD		DIRECTION OF CLOUD MOVEMENT		MAXIMUM WIND GUST		EXTREME TEMPERATURES					
		DAY	HOUR	mb x 10 ⁻¹	°F	°F	% x 10	DY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	Oktas	ww	%	C _L	Type	C _M	C _H	D _L	D _M	D _H	kt	St. miles	Points	MAXIMUM	MINIMUM
28	02	9874	503	512	11	14	84	7	7	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05	9880	503	513	14	15	84	7	7	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08	9892	501	514	13	17	84	7	7	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11	9911	02	512	13	24	84	7	7	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14	9936	05	509	13	14	84	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17	9957	09	504	27	02	87	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20	9974	12	508	17	08	84	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23	9972	02	509	14	11	84	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	02	9968	00	512	14	14	84	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05	9959	06	510	18	05	84	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08	9957	05	507	22	04	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11	9962	10	502	10	02	84	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14	9940	16	500	02	14	84	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17	9945	15	506	27	11	84	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20	9928	13	504	02	12	84	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23	9919	09	503	13	27	84	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	02	9907	07	503	13	27	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05	9896	06	504	13	36	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08	9891	09	501	16	35	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11	9907	11	501	15	34	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14	9929	18	505	11	15	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17	9947	18	506	20	11	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20	9952	09	504	15	30	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23	9954	01	509	15	35	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	02	9948	05	507	12	15	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05	9959	09	506	12	20	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08	9972	07	506	14	17	87	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11	9973	10	504	14	17	87	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14	9967	12	501	14	16	84	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17	9958	11	503	13	24	80	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20	9946	07	506	16	19	80	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23	9958	06	508	13	20	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Results of Surface Observations,
MAWSON APRIL 1962

LOCAL STANDARD TIME		STATION LEVEL PRESSURE mb x 10 ⁻¹	TEMPERATURES		SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	LOW CLOUD		MIDDLE CLOUD		HIGH CLOUD		DIRECTION OF CLOUD MOVEMENT	MAXIMUM WIND GUST x 10 kt	ANEMOMETER WIND RUN St. Miles	PRECIPITATION Points	EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB °F	WET BULB °F	D.E.W. POINT °F	DIRECTION °x 10	SPEED kt	VV Oktas	WW	C _L Oktas	C _M Base	C _H Type	D _L	D _M	D _H	DIRECTION x 10 kt	SPEED St. Miles	MAXIMUM °F	MINIMUM °F		
01	02	9.946	07	507	13	17	80	0	0.2	1	0	0	0	0	0	0	0	0	0	0	611
	05	9.940	06	506	18	17	84	0	0.2	1	0	0	0	0	0	0	0	0	0	0	
	08	9.933	04	507	00	00	84	1	0.2	2	0	0	0	0	0	0	0	0	0	0	
	11	9.925	06	505	12	17	84	2	0.2	3	1	1	1	1	1	1	1	1	1	1	
	14	9.916	06	506	09	11	84	5	0.3	2	2	0	0	0	0	0	0	0	0	0	
	17	9.896	05	504	07	17	84	7	0.3	2	2	0	0	0	0	0	0	0	0	0	
	20	9.874	04	503	05	15	84	7	0.3	2	2	0	0	0	0	0	0	0	0	0	
	23	9.861	04	505	07	14	84	0	0.1	2	1	0	0	0	0	0	0	0	0	0	
02	02	9.853	03	513	05	07	84	0	0.2	2	0	0	0	0	0	0	0	0	0	0	10
	05	9.857	04	513	10	18	84	0	0.2	2	0	0	0	0	0	0	0	0	0	0	
	08	9.850	03	512	10	15	84	5	0.3	2	2	1	1	1	1	1	1	1	1	1	
	11	9.858	05	511	12	17	84	5	0.3	2	2	1	1	1	1	1	1	1	1	1	
	14	9.871	06	509	09	11	87	3	1.5	2	2	0	0	0	0	0	0	0	0	0	
	17	9.880	04	509	12	12	87	2	0.2	1	1	1	1	1	1	1	1	1	1	1	
	20	9.893	01	515	13	16	87	1	0.2	1	1	1	1	1	1	1	1	1	1	1	
	23	9.893	05	517	13	23	84	0	0.2	1	1	1	1	1	1	1	1	1	1	1	
03	02	9.898	09	519	13	31	84	0	0.2	2	0	0	0	0	0	0	0	0	0	0	507
	05	9.892	08	520	15	14	84	1	0.2	2	0	0	0	0	0	0	0	0	0	0	
	08	9.877	12	521	14	34	84	5	0.3	2	2	1	1	1	1	1	1	1	1	1	
	11	9.866	05	515	11	17	84	5	0.2	2	2	1	1	1	1	1	1	1	1	1	
	14	9.826	02	513	10	14	84	7	0.2	2	2	1	1	1	1	1	1	1	1	1	
	17	9.767	01	509	15	29	56	8	0.3	2	2	1	1	1	1	1	1	1	1	1	
	20	9.721	04	504	13	38	48	8	0.3	2	2	1	1	1	1	1	1	1	1	1	
	23	9.681	07	506	13	35	09	8	0.3	2	2	1	1	1	1	1	1	1	1	1	
04	02	9.645	11	509	13	37	09	8	0.3	2	2	1	1	1	1	1	1	1	1	1	512
	05	9.645	13	12	13	31	48	9	0.3	2	2	1	1	1	1	1	1	1	1	1	
	08	9.647	15	14	13	36	49	8	0.3	2	2	1	1	1	1	1	1	1	1	1	
	11	9.652	14	13	13	34	16	9	0.3	2	2	1	1	1	1	1	1	1	1	1	
	14	9.649	15	14	13	32	16	9	0.3	2	2	1	1	1	1	1	1	1	1	1	
	17	9.646	17	16	13	40	48	9	0.3	2	2	1	1	1	1	1	1	1	1	1	
	20	9.642	17	16	13	40	58	8	0.2	2	2	1	1	1	1	1	1	1	1	1	
	23	9.650	14	07	13	31	56	7	0.2	2	2	1	1	1	1	1	1	1	1	1	
05	02	9.646	16	08	13	33	65	8	0.2	2	2	1	1	1	1	1	1	1	1	1	512
	05	9.662	14	09	11	29	49	8	0.3	2	2	1	1	1	1	1	1	1	1	1	
	08	9.643	14	07	12	50	66	7	0.3	2	2	1	1	1	1	1	1	1	1	1	
	11	9.655	19	12	13	51	16	8	0.3	2	2	1	1	1	1	1	1	1	1	1	
	14	9.686	20	19	13	41	04	8	0.3	2	2	1	1	1	1	1	1	1	1	1	
	17	9.703	23	13	13	44	74	8	0.2	2	2	1	1	1	1	1	1	1	1	1	
	20	9.727	22	10	13	45	80	6	0.1	2	2	1	1	1	1	1	1	1	1	1	
	23	9.738	23	12	13	49	80	5	0.2	2	2	1	1	1	1	1	1	1	1	1	
06	02	9.750	24	10	13	46	80	4	0.1	2	2	1	1	1	1	1	1	1	1	1	13
	05	9.755	23	07	13	43	82	0	0.1	2	2	1	1	1	1	1	1	1	1	1	
	08	9.755	25	09	13	42	74	7	0.2	2	2	1	1	1	1	1	1	1	1	1	
	11	9.754	25	09	14	44	82	5	0.2	2	2	1	1	1	1	1	1	1	1	1	
	14	9.764	24	06	14	44	82	5	0.2	2	2	1	1	1	1	1	1	1	1	1	
	17	9.767	25	09	13	51	24	8	0.2	2	2	1	1	1	1	1	1	1	1	1	
	20	9.782	23	06	13	31	23	82	8	0.2	2	2	1	1	1	1	1	1	1	1	
	23	9.790	21	04	13	37	82	2	0.2	2	2	1	1	1	1	1	1	1	1	1	
07	02	9.792	19	03	13	57	82	5	0.3	2	2	1	1	1	1	1	1	1	1	1	1092
	05	9.801	19	01	13	40	82	8	0.3	2	2	1	1	1	1	1	1	1	1	1	
	08	9.804	17	00	13	36	82	8	0.3	2	2	1	1	1	1	1	1	1	1	1	
	11	9.809	17	02	13	27	82	8	0.3	2	2	1	1	1	1	1	1	1	1	1	
	14	9.807	19	03	15	24	82	8	0.3	2	2	1	1	1	1	1	1	1	1	1	
	17	9.810	19	00	12	23	82	7	0.3	2	2	1	1	1	1	1	1	1	1	1	
	20	9.814	17	01	12	26	82	7	0.3	2											

Results of Surface Observations,
MAWSON APRIL, 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE $\text{mb} \times 10^{-1}$	TEMPERATURES			SURFACE WIND			VISIBILITY VV	CLOUD AMOUNT Oktas	PRESENT WEATHER	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			EXTREME TEMPERATURES								
				DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION °x 10	KILOMETERS KT	SPEED MM/S				DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION °x 10	KILOMETERS KT	AMOUNT Oktas	TYPE C _L	BASE h	MIDDLE CLOUD C _M	HIGH CLOUD C _H	DIRECTION OF CLOUD MOVEMENT	DIRECTION OF CLOUD MOVEMENT	DIRECTION OF CLOUD MOVEMENT	ANEMOMETER WIND RUM St. miles	PRECIPITATION Points	MAXIMUM WIND MPH	MINIMUM WIND MPH	
				mm x 10 ⁻¹				mm x 10 ⁻¹	mm x 10 ⁻¹	mm x 10 ⁻¹	mm x 10 ⁻¹	mm x 10 ⁻¹	mm x 10 ⁻¹	mm x 10 ⁻¹	mm x 10 ⁻¹	mm x 10 ⁻¹	mm x 10 ⁻¹													
10	02	9731	16				502	12	41	8	0.1		1	1	5	5	5	7	7	7	7	7	7	7	7	7	815			
	05	9743	16				503	12	45	8	0.1		1	1	5	6	6	7	7	7	7	7	7	7	7	7	7	7	22	11
	08	9774	15				502	00	00	8	0.1		1	1	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	11	9774	21				501	11	10	8	0.1		1	1	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	14	9780	18				502	12	28	8	0.2		1	1	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	17	9786	18				503	11	25	8	0.2		1	1	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	20	9800	18				503	13	17	8	0.2		1	1	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	23	9813	13				501	13	13	8	0.2		1	1	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
11	02	9815	07				506	13	26	8	0.2		1	1	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	05	9817	07				506	13	19	8	0.3		1	1	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	08	9820	05				508	14	24	8	0.3		1	1	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	11	9820	07				506	14	21	8	0.3		1	1	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	14	9821	11				503	14	17	8	0.2		1	1	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	17	9818	10				504	14	17	8	0.2		1	1	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	20	9819	10				501	14	19	8	0.2		1	1	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	23	9819	11				506	00	00	7	0.2		1	1	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
12	02	9822	10				502	14	17	8	0.8		2	2	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	05	9828	06				502	14	15	8	0.8		2	2	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	08	9842	06				502	15	11	8	0.8		2	2	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	11	9858	08				501	13	08	8	0.8		2	2	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	14	9869	06				502	13	10	8	0.8		2	2	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	17	9885	05				502	11	14	8	0.8		2	2	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	20	9902	06				502	11	10	8	0.8		2	2	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	23	9929	06				506	00	00	7	0.8		2	2	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
13	02	9949	01				506	15	23	7	0.2		2	2	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	05	9969	01				506	12	15	7	0.2		2	2	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	08	9976	02				506	14	25	7	0.1		2	2	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	11	10019	01				509	14	17	8	0.1		2	2	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	14	10035	01				509	14	19	8	0.1		2	2	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	17	10059	01				511	14	14	8	0.1		2	2	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	20	10074	502				513	13	17	8	0.2		2	2	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	23	10088	503				514	14	19	8	0.2		2	2	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
14	02	10100	00				512	11	02	8	0.2		2	2	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	05	10103	00				512	16	07	8	0.2		2	2	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	08	10101	01				513	00	00	8	0.2		2	2	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	11	10097	02				508	00	00	8	0.2		2	2	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	14	10087	04				508	05	04	8	0.2		2	2	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	17	10071	04				508	05	04	8	0.2		2	2	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	20	10050	03				503	06	00	8	0.2		2	2	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	23	10028	04				503	22	04	8	0.2		2	2	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
15	02	9991	05				505	13	23	6	0.2		2	2	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	05	9972	07				504	13	17	6	0.2		2	2	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	08	9947	06				504	12	29	6	0.2		2	2	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	11	9928	08				505	09	15	6	0.2		2	2	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	14	9903	07				504	17	16	6	0.2		2	2	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	17	9882	07																											

Results of Surface Observations,
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LOCAL STANDARD TIME			TEMPERATURES				SURFACE WIND		VISIBILITY				CLOUD AMOUNT				DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		EXTREME TEMPERATURES		
	DAY	HOUR	STATION LEVEL PRESSURE		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VV	Oktas	WW	PRES.	LOW CLOUD	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIR.	SPD.	Anemometer Wind Run	PRECIPITATION	
			mb x 10 ⁻¹	%	°	%	° x 10	kt	km	km	oktas	oktas	oktas	C	C	C	D _L	D _M	D _H	% x 10	ki	St. miles	Points	Max	Min
19	02	9852	502	1010.5	50.2	50.0	50.0	12	0.7	84	1	1	1	1	1	1	3	3	3	13	14	100	0.9	50.8
	05	9841	507	1010.8	50.7	50.5	50.5	100	0.0	84	1	1	1	1	1	1	3	3	3					
	08	9833	503	1010.5	50.3	50.0	50.0	100	0.0	84	1	1	1	1	1	1	3	3	3					
	11	9825	0.0	1010.5	50.5	50.5	50.5	220	0.3	87	7	2	2	2	2	2	3	3	3					
	14	9820	0.5	1010.5	50.4	50.4	50.4	180	0.5	87	7	15	2	2	2	2	3	3	3					
	17	9822	0.6	1010.5	50.1	50.6	50.0	15	0.6	80	7	7	7	7	7	7	3	3	3					
	20	9830	0.6	1010.5	50.5	50.0	50.0	50	0.0	86	8	71	7	8	8	8	3	3	3					
	23	9839	0.8	1010.5	50.7	50.5	50.3	22	0.3	86	8	71	7	8	8	8	3	3	3					
20	02	9847	0.6	1010.5	50.5	50.3	50.2	18	0.3	84	4	3	2	2	2	2	3	3	3	13	14	100	0.9	50.8
	05	9871	0.6	1010.8	50.2	50.0	50.0	180	0.3	84	6	0.3	1	1	1	1	3	3	3					
	08	9881	0.3	1010.5	50.3	50.3	50.3	14	2.2	84	2	1	1	1	1	1	3	3	3					
	11	9893	0.2	1010.5	50.3	50.3	50.3	14	2.7	84	0	0	0	0	0	0	3	3	3					
	14	9915	0.4	1010.5	50.2	50.2	50.2	14	2.1	84	1	1	1	1	1	1	3	3	3					
	17	9944	2.5	1010.5	50.9	50.9	50.9	09	0.5	84	2	0.2	0	0	0	0	3	3	3					
	20	9956	5.0	1010.8	50.8	50.8	50.8	18	1.2	84	4	0.3	0	0	0	0	3	3	3					
	23	9966	5.1	1010.1	50.1	50.1	50.1	18	0.2	84	4	0.3	0	0	0	0	3	3	3					
21	02	9972	5.01	1010.5	51.0	51.0	51.0	18	0.9	82	4	7	3	3	3	3	3	3	3	13	14	149	0.9	50.2
	05	9963	5.00	1010.5	51.3	51.3	51.3	13	1.1	84	2	2	2	2	2	2	3	3	3					
	08	9952	0.2	1010.5	52.2	52.2	52.2	00	0.3	84	2	2	2	2	2	2	3	3	3					
	11	9941	0.3	1010.5	52.3	52.3	52.3	20	0.0	84	2	2	2	2	2	2	3	3	3					
	14	9931	0.5	1010.5	52.3	52.3	52.3	22	0.1	84	1	1	1	1	1	1	3	3	3					
	17	9921	0.5	1010.5	52.3	52.3	52.3	19	0.7	85	0	0	0	0	0	0	3	3	3					
	20	9909	0.4	1010.5	52.1	52.1	52.1	19	0.5	85	0	0	0	0	0	0	3	3	3					
22	02	9878	0.2	1010.5	50.5	50.5	50.5	13	0.1	80	3	0.2	0	0	0	0	3	3	3	13	25	261	0.8	50.3
	05	9856	0.1	1010.5	50.7	50.7	50.7	17	0.6	84	0	0	0	0	0	0	3	3	3					
	08	9830	5.01	1010.5	50.6	50.6	50.6	09	0.3	84	0	0	0	0	0	0	3	3	3					
	11	9810	0.1	1010.5	50.4	50.4	50.4	00	0.0	87	0	0	0	0	0	0	3	3	3					
	14	9803	0.2	1010.5	50.3	50.3	50.3	23	0.3	87	1	1	1	1	1	1	3	3	3					
	17	9797	0.1	1010.5	50.5	50.5	50.5	13	0.1	87	1	1	1	1	1	1	3	3	3					
	20	9790	0.0	1010.5	50.4	50.4	50.4	24	0.4	87	1	1	1	1	1	1	3	3	3					
23	02	9752	5.01	1010.5	50.6	50.6	50.6	00	0.0	84	4	0.2	0	0	0	0	3	3	3	13	24	107	0.5	50.1
	05	9762	5.01	1010.5	50.9	50.9	50.9	13	1.0	84	4	0.2	0	0	0	0	3	3	3					
	08	9748	0.1	1010.5	50.7	50.7	50.7	14	2.5	84	2	1	1	1	1	1	3	3	3					
	11	9758	5.02	1010.5	50.3	50.3	50.3	14	2.7	84	0	0	0	0	0	0	3	3	3					
	14	9758	5.00	1010.5	50.2	50.2	50.2	14	2.2	84	0	0	0	0	0	0	3	3	3					
	17	9753	5.02	1010.5	50.3	50.3	50.3	11	0.2	87	1	1	1	1	1	1	3	3	3					
	20	9757	5.02	1010.5	50.3	50.3	50.3	14	0.1	87	1	1	1	1	1	1	3	3	3					
24	02	9792	5.04	1010.5	50.5	50.5	50.5	14	0.7	84	0	0.2	0	0	0	0	3	3	3	13	24	107	0.5	50.3
	05	9827	5.06	1010.5	51.4	51.4	51.4	15	0.3	84	0	0.2	0	0	0	0	3	3	3					
	08	9856	5.09	1010.5	51.7	51.7	51.7	15	1.3	84	2	1	1	1	1	1	3	3	3					
	11	9879	5.08	1010.5	51.8	51.8	51.8	15	0.9	84	2	1	1	1	1	1	3	3	3					
	14	9903	5.09	1010.5	51.7	51.7	51.7	15	1.3	84	2	1	1	1	1	1	3	3	3					
	17	9926	5.10	1010.5	51.9	51.9	51.9	11	0.7	84	4	0.2	0	0	0	0	3	3	3					
	20	9946	5.11	1010.5	52.0	52.0	52.0	14	1.1	84	4	0.2	0	0	0	0	3	3	3					
25	02	9961	5.09	1010.5	52.0	52.0	52.0	10	1.5	84	4	0.2	0	0	0	0	3	3	3	13	51	183	0.1	50.2
	05	9971	5.05	1010.5	51.8	51.8	51.8	22	0.4	84	0	0.3	0	0	0	0	3	3	3					
	08	9972	5.05	1010.5	51.5	51.5	51.5	13	1.4	84	2	1	1	1	1	1	3	3	3					
	11	9965	5.04	1010.5	51.5	51.5	51.5	36	0.4	84	2	1	1	1	1	1	3	3	3					
	14	9953	5.02	1010.5	51.2	51.2	51.2	07	0.7	85	8	0	0	0	0	0	3	3	3					
	17	9943	0.2	1010.5	50.6	50.6	50.6	07	1.1	84	8	0	0	0	0	0	3	3	3					
	20	9926	0.5	1010.5	50.1	50.1	50.1	07	1.7	85	8	0	0	0	0	0	3	3	3					
26	02	9892	0.6	1010.5	50.5	50.5	50.5	11	3.3	0	1	8	8	8	8	8	3	3	3	0.9	32	272	0.5	51.0
	05	9890	0.7	1010.5	50.6	50.6	50.6	12	2.9	0	1	8	8	8	8	8	3	3	3					
	08	9869	0.7	1010.5	50.6	50.6	50.6	12	3.4	0	0	0	0	0	0	0	3	3	3					
	11	9860	0.8	1010.5	50.7	50.7	50.7	11	3.6	0	0	0	0	0	0	0	3	3	3					
	14	9854	0.9	1010.5	50.8	50.8	50.8	11	3.6	0	0	0	0	0	0	0	3	3	3					
	17	9872	1.0	1010.5	50.9	50.9	50.9	19	0.8	80	8	0	0	0	0	0	3	3	3					
	20	9875	0.9	1010.5	50.5	50.5	50.5	03	1.7	84	4	0	0	0	0	0	3	3	3					
27	02	9866	0.8	1010.5	50.6	50.6	50.6	04	2.5	82	2	2	2	2	2	2	2	2	2	0.9	34	585	1.0	0.5
	05	9868	0.7	1010.5	50.7	50.7	50.7	12	2.0	84	2	2	2	2	2	2	2	2	2					
	08	9866	0.4	1010.5	50.9	50.9	50.9	12	2.5	84	2	2	2	2	2	2	2	2	2					
	11	9868	0.2	1010.5	51.1	51.1	51.1	13	1.7	84	4	0	0	0	0	0	2	2	2					
	14	9872	0.6	1010.5	51.1	51.1	51.1	03	0.9	84	4	0	0	0										

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LOCAL STANDARD TIME	TEMPERATURES										SURFACE WIND										CLOUD AMOUNT										PRESENT WEATHER		DIRECTION OF CLOUD MOVEMENT										MAXIMUM WIND GUST		EXTREME TEMPERATURES	
	STATION LEVEL PRESSURE		DRY BULB		WET BULB		DEW POINT		DIRECTION		LOW CLOUD		HIGH CLOUD		LOW		MIDDLE		HIGH		DIRECTION		SPEED		ANEMOMETER WIND RUN		PRECIPITATION		MAXIMUM		MINIMUM															
	DAY	HOUR	mb x 10 ⁻¹	°F	°F	°F	°C x 10	kt	VV	Gktas	WW	%	Oktas	C _L	h	C _M	C _H	D _L	D _M	D _H	% x 10	kt	St. miles	Points	MAXIMUM	MINIMUM																				
28	02	9874	501				519	13	23	84	0	02																																		
	05	9856	01				517	11	23	84	0	03	03	03	03	03	03	03	03	03	03	03	03	03	03	03	03	03	03	03	03	03														
	08	9846	02				513	11	17	84	0	03	03	03	03	03	03	03	03	03	03	03	03	03	03	03	03	03	03	03	03	03														
	11	9819	04				506	13	29	80	0	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05														
	14	9787	06				504	13	34	16	0	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05														
	17	9772	08				507	13	44	00	0	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05														
	20	9770	10				509	13	43	00	0	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05														
	23	9768	12				510	12	44	00	0	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05														
29	02	9782	10				09	16	36	48	7	38	3	7	5	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7													
	05	9790	11				09	15	41	58	7	38	3	7	5	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7													
	08	9792	12				11	15	25	80	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
	11	9801	12				504	17	21	34	6	02	1	2	0	5	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7													
	14	9788	11				504	17	16	34	6	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
	17	9783	08				508	17	19	34	7	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
	20	9784	11				506	14	07	34	8	03	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
	23	9786	09				509	14	20	34	0	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
30	02	9793	03				517	16	17	84	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
	05	9797	03				519	16	13	84	2	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
	08	9799	04				515	14	13	84	6	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
	11	9804	04				513	14	15	84	5	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
	14	9805	04				514	14	19	84	5	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
	17	9806	500				518	14	19	84	3	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
	20	9801	01				516	14	16	84	2	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
	23	9810	02				516	14	19	84	2	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													

Results of Surface Observations,
MAWSON MAY 1962

Results of Surface Observations,
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LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE mb $\times 10^{-1}$	TEMPERATURES		SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER		LOW CLOUD		MIDDLE CLOUD		HIGH CLOUD		DIRECTION OF CLOUD MOVEMENT		MAXIMUM WIND GUST		ANEMOMETER WIND RUN		PRECIPITATION		EXTREME TEMPERATURES	
				DRY BULB °F	WET BULB °F	DIRECTION °x 10	KILO METERS			AMOUNT	TYPE	AMOUNT	LOW	MIDDLE	HIGH	D _L	D _M	D _H	°x 10	KILO METERS	STATUTES MILES	POINTS	MAXIMUM °F	MINIMUM °F			
19	02	9828	512	523	36	02	84	2	02	1	0	0	9	0	4	6	6	6	2	059	509	515					
	05	9828	513	523	18	02	87	2	02	1	0	0	9	0	4	6	6	6	6	6	6	6	6	6	6	6	
	08	9824	515	527	00	00	87	0	02	0	0	0	9	0	4	6	6	6	6	6	6	6	6	6	6	6	
	11	9818	515	529	09	02	84	4	03	0	3	5	7	0	4	6	6	6	6	6	6	6	6	6	6	6	
	14	9799	515	528	22	02	84	4	03	1	0	0	9	1	4	6	6	6	6	6	6	6	6	6	6	6	
	17	9787	514	527	22	02	84	3	02	1	0	0	9	1	4	6	6	6	6	6	6	6	6	6	6	6	
	20	9797	515	528	18	05	84	6	03	2	0	0	9	0	4	6	6	6	6	6	6	6	6	6	6	6	
20	02	9811	511	526	11	17	87	4	02	1	0	0	9	0	4	6	6	6	6	6	6	6	6	6	6	6	
	05	9838	509	527	13	12	87	2	02	1	0	0	9	0	4	6	6	6	6	6	6	6	6	6	6	6	
	08	9838	513	528	13	20	87	1	02	1	0	0	9	0	4	6	6	6	6	6	6	6	6	6	6	6	
	11	9846	513	529	13	20	87	1	02	1	0	0	9	0	4	6	6	6	6	6	6	6	6	6	6	6	
	14	9834	508	523	13	32	87	2	02	1	0	0	9	0	4	6	6	6	6	6	6	6	6	6	6	6	
	17	9835	509	521	13	24	87	1	02	1	0	0	9	0	4	6	6	6	6	6	6	6	6	6	6	6	
	20	9834	507	520	14	14	84	4	03	3	0	0	9	0	4	6	6	6	6	6	6	6	6	6	6	6	
21	02	9830	508	519	13	27	84	7	02	3	0	0	9	0	4	6	6	6	6	6	6	6	6	6	6	6	
	05	9823	509	521	16	28	84	1	02	1	0	0	9	0	4	6	6	6	6	6	6	6	6	6	6	6	
	08	9818	508	520	16	29	84	4	03	1	0	0	9	0	4	6	6	6	6	6	6	6	6	6	6	6	
	11	9813	505	517	16	27	84	5	03	2	0	0	9	0	4	6	6	6	6	6	6	6	6	6	6	6	
	14	9822	504	516	15	22	80	6	03	2	4	0	9	0	4	6	6	6	6	6	6	6	6	6	6	6	
	17	9823	506	518	14	28	84	2	02	1	0	0	9	0	4	6	6	6	6	6	6	6	6	6	6	6	
	20	9827	507	518	16	31	84	1	02	3	0	0	9	0	4	6	6	6	6	6	6	6	6	6	6	6	
22	02	9844	508	520	15	29	84	1	02	3	0	0	9	0	4	6	6	6	6	6	6	6	6	6	6	6	
	05	9840	509	520	15	26	84	0	02	3	0	0	9	0	4	6	6	6	6	6	6	6	6	6	6	6	
	08	9846	509	520	15	27	84	1	02	3	0	0	9	0	4	6	6	6	6	6	6	6	6	6	6	6	
	11	9858	507	519	15	17	84	1	02	1	0	0	9	0	4	6	6	6	6	6	6	6	6	6	6	6	
	14	9865	506	519	16	23	84	0	02	0	0	0	9	0	4	6	6	6	6	6	6	6	6	6	6	6	
	17	9880	503	517	14	17	84	1	02	0	0	0	9	0	4	6	6	6	6	6	6	6	6	6	6	6	
	20	9895	508	521	15	19	87	1	02	1	0	0	9	3	4	6	6	6	6	6	6	6	6	6	6	6	
23	02	9917	510	523	14	25	84	0	02	0	0	0	9	0	4	6	6	6	6	6	6	6	6	6	6	6	
	05	9920	508	521	15	22	84	0	02	0	0	0	9	0	4	6	6	6	6	6	6	6	6	6	6	6	
	08	9930	509	522	14	23	84	1	02	1	0	0	9	0	4	6	6	6	6	6	6	6	6	6	6	6	
	11	9936	507	522	14	21	84	1	02	1	0	0	9	7	5	6	6	6	6	6	6	6	6	6	6	6	
	14	9944	501	520	13	21	84	5	03	1	0	0	9	7	5	6	6	6	6	6	6	6	6	6	6	6	
	17	9945	502	519	13	19	84	7	03	2	0	0	9	1	5	6	6	6	6	6	6	6	6	6	6	6	
	20	9951	502	519	12	20	84	6	02	2	0	0	9	1	5	6	6	6	6	6	6	6	6	6	6	6	
	23	9953	502	519	12	13	84	0	02	2	0	0	9	1	0	6	6	6	6	6	6	6	6	6	6	6	6
24	02	9943	503	519	12	24	84	4	01	1	0	0	9	1	0	6	6	6	6	6	6	6	6	6	6	6	
	05	9932	501	519	12	27	84	4	03	2	0	0	9	3	0	7	6	6	6	6	6	6	6	6	6	6	
	08	9936	501	518	10	21	84	4	03	2	0	0	9	3	0	7	6	6	6	6	6	6	6	6	6	6	
	11	9938	502	510	09	14	15	5	71	7	0	0	9	2	0	7	6	6	6	6	6	6	6	6	6	6	
	14	9924	501	502	10	25	00	5	38	3	0	0	9	2	0	7	6	6	6	6	6	6	6	6	6	6	
	17	9918	52	01	10	27	00	5	39	3	0	0	9	2	0	7	6	6	6	6	6	6	6	6	6	6	
	20	9925	52	01	10	17	15	5	38	3	0	0	9	1	0	7	6	6	6	6	6	6	6	6	6	6	
	23	9920	53	02	11	23	15	7	71	7	0	0	9	1	0	7	6	6	6	6	6	6	6	6	6	6	
25	02	9933	04	504	11	18	58	8	36	7	02	0	9	1	0	7	6	6	6	6	6	6	6	6	6	6	
	05	9942	05	504	12	18	58	8	36	3	02	0	9	1	0	7	6	6	6	6	6	6	6	6	6	6	
	08	9952	05	504	12	19	58	8	38	3	02	0	9	1	0	7	6	6	6	6	6	6	6	6	6	6	
	11	9965	05	504	12	17	58	8	36	3	02	0	9	1	0	7	6	6	6	6	6	6	6	6	6	6	
	14	9972	07	504	11	17	65	8	10	3	02	0	9	1	0	7	6	6	6	6	6	6	6	6	6	6	
	17	9983	07	503	10	15	65	8	36	3	02	0	9	1	0	7	6	6	6	6	6	6	6	6	6	6	
	20	9984	08	502	10	15	58	8	36	3	02	0	9	1	0	7	6	6	6	6	6	6	6	6	6	6	
	23	9977	08	502	11	17	58	8	36	3	02	0	9	1	0	7	6	6	6	6	6	6	6	6	6	6	
26	02	9972	07	501	12	24	65</																				

Results of Surface Observations,
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LOCAL STANDARD TIME	DAY HOUR	STATION LEVEL PRESSURE				TEMPERATURES		SURFACE WIND		PRESENT WEATHER										DIRECTION OF CLOUD MOVEMENT				MAXIMUM WIND GUST			EXTREME TEMPERATURES	
		DRY BULB		WET BULB		Dew Point	Direction	Speed	VV	Cloud Amount	LOW CLOUD		Type	Amount	Present Weather	Low	Middle	High	Direction	Speed	Wind Run	Points	Max	Min				
		mb $\times 10^{-1}$	°F	%	°F	°C $\times 10$	kt	mph	Oktas	W	C _L	C _M	C _H	h	ww	Oktas	W	Oktas	W	Oktas	W	St. miles						
28	02	9987	05	510	13	15	84	2	36	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	05	9994	01	510	15	20	87	2	36	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	08	9986	501	515	15	20	87	2	36	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	11	9972	501	514	15	21	87	2	36	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	14	9972	01	513	15	14	87	2	36	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	17	9972	00	513	15	18	87	2	36	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	20	9964	501	515	14	18	87	0	36	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29	02	9988	503	517	14	14	87	0	36	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	05	9983	505	519	14	16	87	0	36	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	08	9990	503	515	12	29	84	0	36	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	11	9986	504	516	10	31	80	2	36	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	14	9977	501	514	12	29	80	2	36	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	17	9974	02	513	13	18	80	2	36	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	20	9951	503	515	15	25	80	2	36	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30	02	9996	502	511	15	40	65	3	36	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	05	9849	500	510	16	50	65	3	36	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	08	9797	501	508	15	54	16	2	36	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	11	9750	502	507	15	51	01	0	36	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	14	9717	501	504	15	55	00	0	36	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	17	9676	501	504	15	54	00	0	36	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	20	9662	04	502	15	38	01	0	36	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31	02	9548	09	504	13	31	14	3	36	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	05	9667	10	503	15	15	32	3	36	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	08	9676	11	500	13	19	32	4	36	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	11	9700	13	03	11	16	34	4	36	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	14	9732	12	05	13	05	30	0	36	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	17	9762	12	05	13	17	30	0	36	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	20	9790	15	05	14	16	30	0	36	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	23	9825	13	05	13	19	30	0	36	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Results of Surface Observations,
MAWSON JUNE, 1962

LOCAL STANDARD TIME			TEMPERATURES				SURFACE WIND		CLOUD AMOUNT				DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		EXTREME TEMPERATURES						
	DAY	HOUR	STATION LEVEL PRESSURE		DRY BULB °F		WET BULB °F		DEW POINT °F	DIRECTION °x 10	SPEED kt	VISIBILITY mi x 10 ⁻¹	PRESENT WEATHER		PAST WEATHER Oktas	LOW CLOUD TYPE	HIGH CLOUD TYPE	DIRECTION OF CLOUD MOVEMENT	MAXIMUM WIND GUST kt	ANEMOMETER WIND RUN St. miles	PRECIPITATION Points	MAXIMUM °F	MINIMUM °F	
			in x 10 ⁻¹	in	in	in	in	in					Oktas	ww	ww	Oktas	C _L	C _H	D _L	D _M	D _H	x 10		
01	02	9864	14	004	13	19	80	80	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05		9893	14																					
08		9931	13	00	13	29	80	80	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11		9955	13	02	13	30	80	80	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14		9980	12	00	13	31	80	80	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17		9978	10	01	13	43	80	80	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20		9971	14	05	13	41	80	80	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23		9976	17	04	11	48	80	80	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
02	02	9955	15	.01	15	48	80	80	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
05		9947	18	02	13	51	80	80	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
08		9947	17	02	13	51	80	80	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11		9941	18	05	13	51	80	80	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14		9953	17	09	13	53	80	80	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17		9971	19	07	13	53	80	80	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20		9999	12	06	13	58	74	74	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23		10013	21	04	13	52	74	74	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
03	02	10025	21	04	12	18	84	84	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
05		10028	15	501	12	27	84	84	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
08		10036	11	00	16	25	84	84	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11		10042	08	506	15	31	84	84	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14		10049	10	505	13	22	84	84	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17		10055	13	502	13	22	84	84	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20		10057	13	500	12	25	84	84	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23		10053	10	504	13	33	84	84	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
04	02	10063	10	503	13	25	84	84	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
05		10059	16	502	13	25	84	84	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
08		10062	13	503	13	36	84	84	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11		10067	15	501	13	27	84	84	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14		10067	15	501	13	27	84	84	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17		10067	18	501	13	29	84	84	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20		10064	18	501	13	26	84	84	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23		10066	15	00	13	25	84	84	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
05	02	10064	21	501	13	34	84	84	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
08		10060	23	502	12	32	84	84	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11		10072	21	503	12	32	84	84	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14		10077	21	503	12	31	84	84	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17		10081	21	503	12	25	84	84	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20		10082	17	502	15	29	84	84	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23		10083	15	502	13	31	84	84	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
06	02	10103	17	502	16	25	84	84	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
05		10075	17	502	15	34	84	84	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
08		10070	16	502	14	39	84	84	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11		10067	14	503	15	48	84	84	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14		10074	14	504	16	38	84	84	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17		10076	19	502	14	26	84	84	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20		10091	11	506	14	23	84	84	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23		10082	10	507	16	25	84	84	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
07	02	10111	03	502	36	51	87	87	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
05		10128	501	510	23	50	87	87	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
08		10126	03	510	13	87	87	87	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11		10117	01	512	19	37	87	87	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14		10115	504	516	9	15	87	87	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17		10118	506	518	9	39	87	87	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20		10117	508	519	12	36	87	87	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23		10112	507	517	12	41	87	87	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
08	02	10125	503	512	13	35	80	80	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
05		10094	501	508	13	38	80	80	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
08		10076	03	501	13	41	80	80	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11		10081	08	500	13	34	80	80	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14		10075	08	506	13	41	80	80	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17		10048	13	503	13	41	80	80	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20		10027	13	509	12	49	80	80	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23		10005	14	12	52	80	80	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
09	02	9999	15	13	13	68	00	00	00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
05		10001	17	15	70	00	00	00	00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
08		10028	21	15	58	32	8	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11		10032	23	04	12	58	32	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14		10057	22	05	13</td																			

Results of Surface Observations,
MAWSON JUNE, 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE mb $\times 10^{-1}$	TEMPERATURES			SURFACE WIND			VISIBILITY			LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			EXTREME TEMPERATURES					
				DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION °x 10	SPEED kt	PAST WEATHER	CLOUD AMOUNT	AMOUNT	TYPE	LOW	MIDDLE	HIGH	DIRECTION OF CLOUD MOVEMENT	DIRECTION LOW	DIRECTION MIDDLE	DIRECTION HIGH	ANEMOMETER WIND RUN St. miles	PRECIPITATION Points	MAXIMUM °F	MINIMUM °F				
				mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm				
10	02	10092	19	59	52	59	12	3.9	6.6	8	0.2	3	0	0	0	9	1	2	2	2	2	1	13	54	1142	27 16	
	05	10109	19	58	54	54	12	3.4	6.4	2.1	0.2	3	0	0	0	9	7	0	0	0	0	0	0	0	0		
	08	10115	22	58	52	51	12	3.1	6.4	7	0.2	3	0	0	0	9	7	0	0	0	0	0	0	0	0		
	11	10112	21	58	51	51	12	3.5	6.4	6	0.2	3	0	0	0	9	7	0	0	0	0	0	0	0	0		
	14	10118	23	58	52	53	12	3.5	6.4	5	0.2	3	0	0	0	9	7	0	0	0	0	0	0	0	0		
	17	10126	22	58	52	53	12	3.5	6.4	8	0.2	3	0	0	0	9	7	0	0	0	0	0	0	0	0		
	20	10122	24	58	52	50	12	3.0	6.4	7	0.2	3	0	0	0	9	7	0	0	0	0	0	0	0	0		
	23	10123	25	58	52	50	12	3.0	6.4	6	0.2	3	0	0	0	9	7	0	0	0	0	0	0	0	0		
	02	10123	27	58	52	51	16	1.5	6.4	0	0.3	1	0	0	0	9	7	0	0	0	0	0	0	0	0		
	05	10131	27	58	52	51	14	1.5	6.4	2	0.2	1	0	0	0	9	7	0	0	0	0	0	0	0	0		
11	08	10136	24	58	52	51	18	1.5	6.4	3	0.2	1	0	0	0	9	7	0	0	0	0	0	0	0	0		
	11	10159	25	58	52	51	14	0.2	6.4	4	0.2	1	0	0	0	9	7	0	0	0	0	0	0	0	0		
	14	10171	20	58	52	51	14	0.2	6.4	5	0.3	1	0	0	0	9	7	0	0	0	0	0	0	0	0		
	17	10183	17	58	52	51	15	0.9	6.4	2	0.2	1	0	0	0	9	7	0	0	0	0	0	0	0	0		
	20	10197	12	58	52	51	18	0.4	6.7	4	0.2	1	0	0	0	9	7	0	0	0	0	0	0	0	0		
	23	10202	15	58	52	51	13	2	6.7	2	0.2	1	0	0	0	9	7	0	0	0	0	0	0	0	0		
	02	10209	17	58	52	51	15	1.5	6.7	1	0.2	1	0	0	0	9	7	0	0	0	0	0	0	0	0		
12	05	10217	09	58	52	51	35	0.1	6.7	2	0.2	1	0	0	0	9	7	0	0	0	0	0	0	0	0		
	08	10223	07	58	52	51	36	0.0	6.7	0	0.2	1	0	0	0	9	7	0	0	0	0	0	0	0	0		
	11	10235	06	58	52	51	36	0.0	6.7	4	0.2	1	0	0	0	9	7	0	0	0	0	0	0	0	0		
	14	10233	07	58	52	51	36	0.4	6.7	3	0.2	1	0	0	0	9	7	0	0	0	0	0	0	0	0		
	17	10231	17	58	52	51	14	1.7	6.7	5	0.2	1	0	0	0	9	7	0	0	0	0	0	0	0	0		
	20	10245	17	58	52	51	00	0.0	6.7	5	0.2	1	0	0	0	9	7	0	0	0	0	0	0	0	0		
13	23	10243	15	58	52	51	15	0.2	6.7	3	0.2	1	0	0	0	9	7	0	0	0	0	0	0	0	0		
	02	10247	10	58	52	51	00	0.0	6.4	3	0.2	1	0	0	0	9	7	0	0	0	0	0	0	0	0		
	05	10228	09	58	52	51	00	0.0	6.4	5	0.3	1	0	0	0	8	1	0	0	0	0	0	0	0	0		
	08	10207	06	58	52	51	00	0.0	6.4	2	0.2	1	0	0	0	8	1	0	0	0	0	0	0	0	0		
	11	10198	02	58	52	51	00	0.0	6.7	4	0.3	1	0	0	0	9	3	0	0	0	0	0	0	0	0		
	14	10177	02	58	52	51	00	0.0	6.7	6	0.3	1	0	0	0	9	1	0	0	0	0	0	0	0	0		
14	17	10157	05	58	52	51	01	0.0	6.4	7	0.2	1	0	0	0	9	1	0	0	0	0	0	0	0	0		
	20	10130	06	58	52	51	01	0.0	6.4	8	0.2	1	0	0	0	9	1	0	0	0	0	0	0	0	0		
	23	10108	08	58	52	51	00	0.0	6.4	8	0.2	1	0	0	0	9	1	0	0	0	0	0	0	0	0		
	02	10099	09	58	52	51	06	0.0	6.2	8	7	1	7	0	0	7	2	2	2	2	2	2	2	2	2		
	05	10042	12	58	52	51	09	0.4	6.2	5	1	7	1	7	0	0	9	2	2	2	2	2	2	2	2		
	08	9998	13	58	52	51	10	0.4	6.2	5	2	7	2	7	8	6	7	0	0	0	0	0	0	0	0		
15	11	9956	13	58	52	51	09	0.8	6.4	3	0.4	7	1	7	8	6	7	0	0	0	0	0	0	0	0		
	14	9917	12	58	52	51	08	1.8	6.4	3	0.4	7	1	7	8	6	5	5	0	0	0	0	0	0	0	0	
	17	9880	11	58	52	51	07	0.9	6.2	2	0.2	7	1	7	8	6	5	5	0	0	0	0	0	0	0	0	
	20	9852	12	58	52	51	09	2.4	5	0.2	5	8	8	7	1	7	8	6	5	5	0	0	0	0	0	0	
	23	9821	15	58	52	51	07	1.2	5	0.2	5	8	8	7	1	7	8	6	5	5	0	0	0	0	0	0	
	02	9795	14	58	52	51	08	2.2	0.9	5	8	8	0	2	7	8	6	5	5	0	0	0	0	0	0	0	0
16	05	9791	09	58	52	51	04	2.2	1.0	5	8	8	0	2	7	8	6	5	5	0	0	0	0	0	0	0	0
	08	9784	07	58	52	51	02	2.2	1.1	5	8	8	0	2	7	8	6	5	5	0	0	0	0	0	0	0	0
	11	9775	04	58	52	51	20	1.7	4.8	8	0.2	2	7	8	6	5	5	0	0	0	0	0	0	0	0	0	
	14	9771	01	58	52	51	12	1.4	4.8	8	0.2	2	7	8	6	5	5	0	0	0	0	0	0	0	0	0	
	17	9767	05	58	52	51	12	2.1	4.8	8	0.2	2	7	8	6	5	5	0	0	0	0	0	0	0	0	0	
	20	9756	07	58	52	51	14	2.1	31	5	8	8	0.2	2	7	8	6	5	5	0	0	0	0	0	0	0	0
17	23	9775	09	58	52	51	16	2.9	4.8	0	3.6	5	3	7	0	0	9	9	1	0	0	0	0	0	0	0	0
	02	9782	07	58	52	51	17	1.8	5	0.2	4.8	0	0.2	2	7	8	6	5	5	0	0	0	0	0	0	0	0
	05	9861	08	58	52	51	22	0.4	5	0.2	4.4	2	0.2	2	7	8	6	5	5	0	0	0	0	0	0	0	0
	08	9872	08	58	52	51	22	0.4	5	0.2	4.4	2	0.2	2	7	8	6	5	5	0	0	0	0	0	0	0	0
	11	9871	06	58	52	51	27	0.2	5	0.2	4.4	2	0.2	2	7	8	6	5	5	0	0	0	0	0	0	0	0
	14	9869	05	58	52	51	22	0.2	5	0.2	4.4	2	0.2	2	7	8	6	5	5	0	0	0					

Results of Surface Observations,
MAWSON JUNE, 1962

LOCAL STANDARD TIME	DAY	HOUR	TEMPERATURES				SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER			LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN		PRECIPITATION Points	EXTREME TEMPERATURES			
			STATION LEVEL PRESSURE		DRY BULB	NET BULB	DIRECTION	SPEED			VV	Oktas	WW	%	Oktas	C _r	Type	AMOUNT	DL	D _M	D _H	Direction	x 10	kt	St.miles	MAXIMUM	MINIMUM	
			mm x 10 ⁻¹		°F	°F	°x 10	kt										Low	Middle	High						°F	°F	
19	02	9860	507	515	18	06	84	1	01	1	0	0	0	0	0	0	0	0	7	7	7						504	510
	05	9850	505	513	15	04	84	1	02	1	0	0	0	0	0	0	0	0	7	7	7							
	08	9844	507	517	16	08	84	0	02	1	0	0	0	0	0	0	0	0	6	6	6							
	11	9845	506	516	16	07	84	2	03	1	0	0	0	0	0	0	0	0	7	7	7							
	14	9849	506	517	25	07	87	2	02	1	0	0	0	0	0	0	0	0	6	6	6							
	17	9847	508	520	16	15	87	3	02	1	0	0	0	0	0	0	0	0	7	7	7							
	20	9835	505	518	05	11	87	6	03	2	0	0	0	0	0	0	0	0	7	7	7							
20	02	9820	509	520	12	22	97	2	36	3	0	0	0	0	0	0	0	0	7	7	7						503	510
	05	9815	508	518	12	23	84	3	35	3	0	0	0	0	0	0	0	0	6	6	6							
	08	9812	509	518	12	25	84	2	36	3	0	0	0	0	0	0	0	0	5	5	5							
	11	9819	508	518	11	24	84	4	36	3	0	0	0	0	0	0	0	0	5	5	5							
	14	9823	507	516	12	26	84	6	36	3	0	0	0	0	0	0	0	0	5	5	5							
	17	9831	508	516	12	29	84	6	36	3	0	0	0	0	0	0	0	0	5	5	5							
	20	9834	504	514	12	27	84	5	36	3	0	0	0	0	0	0	0	0	5	5	5							
21	02	9851	500	511	12	29	84	7	36	3	0	0	0	0	0	0	0	0	5	5	5						503	510
	05	9858	500	511	12	17	84	6	02	1	0	0	0	0	0	0	0	0	5	5	5							
	08	9868	501	512	13	16	87	4	02	1	0	0	0	0	0	0	0	0	5	5	5							
	11	9872	502	511	13	30	84	5	36	1	0	0	0	0	0	0	0	0	5	5	5							
	14	9890	503	511	13	30	82	2	36	3	0	0	0	0	0	0	0	0	5	5	5							
	17	9901	503	511	13	30	82	0	36	3	0	0	0	0	0	0	0	0	5	5	5							
	20	9905	502	513	12	23	82	0	36	3	0	0	0	0	0	0	0	0	5	5	5							
22	02	9915	506	515	12	27	80	1	36	3	0	0	0	0	0	0	0	0	3	3	3						503	505
	05	9916	503	513	12	25	82	3	02	1	0	0	0	0	0	0	0	0	3	3	3							
	08	9916	505	515	12	25	82	3	36	3	0	0	0	0	0	0	0	0	3	3	3							
	11	9917	507	517	13	16	84	2	02	1	0	0	0	0	0	0	0	0	3	3	3							
	14	9910	509	519	15	14	84	0	02	1	0	0	0	0	0	0	0	0	3	3	3							
	17	9898	506	518	15	08	87	0	02	1	0	0	0	0	0	0	0	0	3	3	3							
	20	9897	507	519	15	10	87	0	02	1	0	0	0	0	0	0	0	0	3	3	3							
23	02	9893	504	516	15	12	87	0	02	1	0	0	0	0	0	0	0	0	3	3	3						503	509
	05	9915	503	513	08	07	87	2	02	1	0	0	0	0	0	0	0	0	3	3	3							
	08	9924	502	514	08	10	87	1	02	1	0	0	0	0	0	0	0	0	3	3	3							
	11	9952	504	515	14	08	87	3	02	1	0	0	0	0	0	0	0	0	3	3	3							
	14	9972	502	514	11	14	84	2	36	3	0	0	0	0	0	0	0	0	3	3	3							
	17	9976	503	510	13	29	84	2	36	3	0	0	0	0	0	0	0	0	3	3	3							
	20	9990	503	513	13	25	84	2	36	3	0	0	0	0	0	0	0	0	3	3	3							
	23	10006	000	511	13	17	84	0	02	1	0	0	0	0	0	0	0	0	3	3	3							
24	02	10012	501	511	11	20	84	0	36	3	0	0	0	0	0	0	0	0	1	1	1						502	507
	05	1019	01	510	25	09	84	0	36	3	0	0	0	0	0	0	0	0	2	2	2							
	08	1013	01	508	16	25	84	0	02	1	0	0	0	0	0	0	0	0	2	2	2							
	11	1006	03	506	15	30	84	2	36	3	0	0	0	0	0	0	0	0	2	2	2							
	14	1016	06	506	26	03	87	1	02	1	0	0	0	0	0	0	0	0	3	3	3							
	17	1018	01	507	13	25	84	7	36	3	0	0	0	0	0	0	0	0	3	3	3							
	20	10018	14	501	14	16	84	2	02	1	0	0	0	0	0	0	0	0	3	3	3							
	23	10014	13	502	13	21	84	0	02	1	0	0	0	0	0	0	0	0	3	3	3							
26	02	10015	11	504	11	13	84	0	02	1	0	0	0	0	0	0	0	0	1	1	1						502	04
	05	10013	10	507	14	18	84	0	02	1	0	0	0	0	0	0	0	0	1	1	1							
	08	10008	11	507	14	18	84	2	02	1	0	0	0	0	0	0	0	0	1	1	1							
	11	10008	12	505	15	15	84	4	03	1	0	0	0	0	0	0	0	0	1	1	1							
	14	10018	10	506	13	22	84	7	03	1	0	0	0	0	0	0	0	0	1	1	1							
	17	10015	10	507	13	23	84	3	01	1	0	0	0	0	0	0	0	0	1	1	1							
	20	10021	09	507	13	20	84	2	02</																			

Results of Surface Observations,
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Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE		TEMPERATURES		SURFACE WIND		LOW CLOUD		DIRECTION OF CLOUD MOVEMENT		MAXIMUM WIND GUST		ANEMOMETER WIND RUN		PRECIPITATION		EXTREME TEMPERATURES			
DAY	HOUR	mb x 10 ⁻¹	°F	°F	DEW POINT	DRY BULB	WET BULB	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	CLOUD TYPE	CLOUD BASE	CLOUD	DIRECTION	SPEED	St. miles	Points	MAXIMUM	MINIMUM
01	02	9911	510	523	14	17	84	0	02	0	0	0	9	0	0	5					
05		9922	507	524	14	26	84	0	02	0	0	0	9	0	0	6					
08		9955	508	524	13	29	84	0	02	0	0	0	9	0	0	6					
11		9982	509	525	13	31	84	2	03	1	0	0	9	3	0	6					
14		10007	508	524	13	22	84	5	02	1	0	0	9	3	0	6					
17		10026	508	524	13	28	87	1	01	1	0	0	9	3	0	6					
20		10045	509	523	13	19	87	1	01	0	0	0	9	3	0	6					
23		10056	510	523	13	23	87	0	02	0	0	0	9	0	0	6					
02	02	10053	506	520	11	24	87	0	02	0	0	0	9	0	0					507	510
05		10060	509	522	13	22	84	0	02	0	0	0	9	0	0						
08		10052	508	521	12	15	87	0	02	0	0	0	9	0	0						
11		10044	505	520	13	20	87	1	02	0	0	0	9	3	0						
14		10027	505	519	13	24	87	1	02	0	0	0	9	3	0						
17		10005	506	520	13	31	87	1	02	0	0	0	9	3	0						
20		9985	504	519	13	21	87	0	02	0	0	0	9	3	0						
23		9957	502	519	13	26	87	0	02	0	0	0	9	0	0						
03	02	9934	503	518	13	28	87	1	02	0	0	0	9	3	0					502	510
05		9912	506	520	15	19	87	1	02	0	0	0	9	3	0						
08		9886	502	519	14	16	87	1	02	0	0	0	9	3	0						
11		9864	504	519	12	29	87	1	02	0	0	0	9	3	0						
14		9840	501	519	12	31	87	1	02	0	0	0	9	3	0						
17		9839	503	520	12	24	87	1	02	0	0	0	9	3	0						
20		9824	503	517	12	23	87	2	02	0	0	0	9	3	0						
23		9823	501	513	13	12	84	6	03	1	0	0	9	3	0						
04	02	9816	00	509	13	16	84	6	03	7	0	0	9	1	0					00	506
05		9814	01	509	12	22	84	7	03	7	0	0	9	1	0						
08		9815	02	509	12	22	84	3	01	1	0	0	9	1	0						
11		9822	501	510	12	19	80	7	03	1	1	6	5	1	0						
14		9822	01	507	12	22	82	6	02	1	0	0	9	1	0						
17		9823	03	506	12	25	82	7	70	1	0	0	9	1	0						
20		9824	05	503	12	29	66	8	70	7	0	0	9	1	0						
23		9821	07	500	12	27	66	8	22	7	8	6	6	6	0						
05	02	9824	09	00	12	25	82	6	01	3	0	0	9	1	0					08	501
08		9824	11	00	14	16	84	7	02	2	3	2	6	1	0						
11		9821	10	501	13	17	80	8	70	2	3	2	6	1	0						
14		9822	10	502	13	12	84	8	02	7	0	0	9	2	0						
17		9821	10	502	13	18	82	7	02	1	0	0	9	2	0						
20		9825	09	503	13	19	84	6	02	2	0	0	9	1	0						
23		9834	11	503	15	12	84	4	02	2	0	0	9	1	0						
06	02	9836	09	506	15	21	84	2	01	0	0	0	9	2	0					12	08
05		9842	06	508	14	18	87	3	02	0	1	0	9	2	0						
08		9846	06	508	12	22	87	5	03	1	0	0	9	2	0						
11		9858	07	506	14	17	87	7	03	1	1	0	9	2	0						
14		9866	06	509	12	25	87	7	02	2	1	0	9	2	0						
17		9872	03	511	12	29	87	0	01	2	0	0	9	2	0						
20		9878	04	511	12	21	87	7	02	2	0	0	9	1	0						
23		9882	06	509	12	25	84	8	02	2	0	0	9	1	0						
07	02	9883	04	509	12	19	84	8	02	2	0	0	8	1	0					11	02
05		9872	05	508	12	19	84	8	02	2	0	0	8	7	0						
08		9861	04	508	12	24	82	5	02	7	1	0	8	7	0						
11		9854	03	507	12	23	32	8	71	7	2	0	8	2	0						
14		9842	04	507	12	17	48	8	71	7	2	0	8	6	0						
17		9854	02	505	14	19	32	8	71	7	2	0	8	5	0						
20		9833	01	506	15	23	32	8	71	7	2	0	8	5	0						
23		9830	04	509	15	27	32	8	71	7	2	0	8	5	0						
08	02	9821	505	505	15	26	32	8	71	7	8	0	5	5	0					04	506
05		9820	503	512	14	17	74	8	02	2	0	0	8	1	0						
08		9818	504	514	14	17	80	8	02	2	0	0	8	1	0						
11		9818	505	515	16	13	80	7	02	2	0	0	8	2	0						
14		9811	504	515	14	13	82	7	02	2	0	0	8	2	0						
17		9805	505	515	14	14	84	7	01	1	0	0	8	3	0						
20		9800	509	519	13	17	84	4	01	1	0	0	8	7	0						
23		9797	511	522	14	16	84	2	01	0	0	0	8	2	0						
09	02	9795	512	523	16	16	87	3	02	1	0	0	8	1	0					503	512
05		9794	512	523	12	06	87	2	02	0	0	0	8	1	0						
08		9797	513	524	15	03	87	2	02	1	0	0	8	1	0						
11		9806	517	528	17	11	87	1	02	0	0	0	8	3	0						
14		9812	517	527	17	17	87	1	02	0	0	0	8	3	0						
17		9822	512	525	14	12	87	1	02	0	0	0	8	3	0						
20		9843	514	527	12	23	87	4	02	1	0	0	8	3	0						
23		9861	514	524	13	19	87	4	02	1	0	0	8	3	0					509	518

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE				TEMPERATURES			SURFACE WIND		CLOUD AMOUNT			LOW CLOUD			MIDDLE CLOUD			HIGH CLOUD			DIRECTION OF CLOUD MOVEMENT		MAXIMUM WIND GUST		EXTREME TEMPERATURES	
DAY	HOUR	mb x 10 ⁻³	°F	°F	% x 10	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	BASE	LOW	MIDDLE	HIGH	DIRECTION	SPEED	ANECHRO METEOR WIND RUN	PRECIPITATION	MAXIMUM	MINIMUM			
10	02	9881	515			528	13	27	84	4	03	1	0	0	8	2	0	1	1	1	5							
	05	9899	511			521	13	14	84	8	70	7	8	6	6	6	6	6	6	6	5							
	08	9912	511			524	13	22	84	8	72	2	8	8	6	6	6	6	6	6	5							
	11	9924	512			524	13	25	65	6	02	2	8	6	6	6	6	6	6	6	5							
	14	9933	513			527	13	23	82	6	01	2	4	6	6	6	6	6	6	6	5							
	17	9938	514			529	13	19	84	5	01	1	0	0	9	0	0	9	0	0	7							
	20	9934	518			530	14	20	87	1	02	0	0	0	9	0	0	9	0	0	1							
	23	9927	518			530	14	15	87	1	02	1	0	0	9	0	0	9	0	0	5							
11	02	9915	518			530	12	07	87	2	02	0	0	0	0	0	0	8	7	5	5							
	05	9895	516			528	12	16	87	3	02	0	0	0	0	0	0	8	7	5	5							
	08	9869	516			528	12	20	87	3	02	1	0	0	0	0	0	8	7	0	0							
	11	9854	516			528	12	20	87	3	02	1	0	0	0	0	0	8	7	0	0							
	14	9843	516			527	10	14	84	4	02	0	0	0	0	0	0	8	7	0	0							
	17	9785	515			525	05	13	84	4	02	0	0	0	0	0	0	8	7	0	0							
	20	9724	505			516	12	34	85	6	02	0	0	0	0	0	0	8	7	0	0							
	23	9655	500			511	12	52	85	6	02	0	0	0	0	0	0	8	7	0	0							
12	02	9618	01			511	13	56	85	6	02	0	0	0	0	0	0	8	7	0	0							
	05	9587	01			510	13	44	85	6	02	0	0	0	0	0	0	8	7	0	0							
	08	9590	03			502	13	44	85	6	02	0	0	0	0	0	0	8	7	0	0							
	11	9578	04			502	13	54	84	6	02	0	0	0	0	0	0	8	7	0	0							
	14	9577	08			503	13	45	85	6	02	0	0	0	0	0	0	8	7	0	0							
	17	9573	11			504	13	45	85	6	02	0	0	0	0	0	0	8	7	0	0							
	20	9562	11			506	13	59	85	6	02	0	0	0	0	0	0	8	7	0	0							
	23	9592	11			506	13	45	85	6	02	0	0	0	0	0	0	8	7	0	0							
13	02	9624	13			507	13	35	80	8	02	2	0	0	0	0	0	8	1	0	0							
	05	9638	13			507	13	29	80	8	02	2	0	0	0	0	0	8	2	0	0							
	08	9657	09			508	15	31	80	8	02	2	0	0	0	0	0	8	2	0	0							
	11	9675	08			509	15	31	80	8	02	2	0	0	0	0	0	8	2	0	0							
	14	9697	11			506	12	13	82	8	02	2	0	0	0	0	0	8	1	0	0							
	17	9714	08			508	14	13	84	5	01	1	0	0	0	0	0	8	1	0	0							
	20	9725	05			511	15	16	84	8	02	1	0	0	0	0	0	8	1	0	0							
	23	9734	04			513	13	23	84	3	01	1	0	0	0	0	0	8	0	0	0							
14	02	9746	501			516	14	12	84	1	01	0	0	0	0	0	0	8	1	0	0							
	05	9761	01			516	13	16	87	1	02	0	0	0	0	0	0	8	2	0	0							
	08	9775	501			518	13	16	87	1	02	0	0	0	0	0	0	8	2	0	0							
	11	9783	502			519	13	25	87	2	03	1	0	0	0	0	0	8	1	0	0							
	14	9803	502			518	13	23	84	7	03	1	7	5	6	1	2	5	6	1	2							
	17	9819	502			518	13	18	84	3	01	1	3	5	6	0	0	5	6	0	0							
	20	9828	504			519	13	20	87	4	02	1	1	5	6	4	0	5	6	0	0							
	23	9844	503			520	13	21	84	5	02	2	5	5	6	0	0	4	6	0	0							
15	02	9856	505			520	13	18	84	2	01	0	0	0	0	0	0	8	1	0	0							
	05	9863	506			522	13	16	87	1	02	0	0	0	0	0	0	8	1	0	0							
	08	9872	507			523	12	17	87	2	02	0	0	0	0	0	0	8	2	0	0							
	11	9878	507			523	12	20	87	2	02	0	0	0	0	0	0	8	2	0	0							
	14	9882	505			523	12	17	87	2	02	0	0	0	0	0	0	8	1	0	0							
	17	9886	507			524	12	17	87	1	02	0	0	0	0	0	0	8	1	0	0							
	20	9885	509			525	12	22	87	2	02	1	0	0	0	0	0	8	1	0	0							
	23	9881	509			525	13	25	87	2	02	1	0	0	0	0	0	8	1	0	0							
16	02	9878	509			524	13	19	87	4	03	1	0	0	0	0	0	8	1	0	0							
	05	9875	513			529	16	25	84	1	02	0	0	0	0	0	0	8	3	0	0							
	08	9865	512			528	13	17	87	2	02	0	0	0	0	0	0	8	2	0	0							
	11	9866	511			527	15	17	84	2	02	0	0	0	0	0	0	8	3	1	0							
	14	9867	508			526	14	08	87	2	02	0	0	0	0	0	0	8	3	1	0							
	17	9859	511			526	15	19	87	2	02	0	0	0	0	0	0	8	3	1	0							
	20	9861	511			526	16	07	87	1	02	0	0	0	0	0	0	8	3	0	0							
	23	9854	511			525	12	27	84	6	02	2	1	6	5	1	0	8	2	0	0							
17	02	9847	510			525	00	00	87	4	03	2	0	2	3	6	5	1	7	3	2	6						
	05	9844	510			515	12	17	84	8	02	2	0	2	1	6	6	1	7	2	2	6						
	08	9838	510			525	12	17	84	7	02	2	0	2	0	0	0	8	2	0	0							
	11	9820	508			524	10	14	84	8	02	2	0	2	0	0	0	8	2	0	0							
	14	9791	505			522	11	26	82	8	02	2	0	2	0	0	0	8	2	0	0							
	17	9771	502	</																								

Results of Surface Observations,
MAWSON JULY, 1962

LOCAL STANDARD TIME		TEMPERATURES				SURFACE WIND		VISIBILITY				CLOUD AMOUNT				DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		EXTREME TEMPERATURES					
DAY	HOUR	STATION LEVEL PRESSURE	in. x 10 ⁻³	DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION ° x 10	SPEED kt	VV	Oktas	WW	%	PAST WEATHER AMOUNT	LOW CLOUD TYPE	MIDDLE CLOUD TYPE	HIGH CLOUD TYPE	D _L	D _M	D _H	DIRECTION ° x 10	SPEED kt	MAXIMUM WIND RUN miles	PRECIPITATION Points	MAXIMUM °F	MINIMUM °F	
19	02	9751	501	520	16	27	84	4	5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
05		9758	507	523	16	25	84	5	5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
08		9757	505	522	14	24	84	5	5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
11		9742	506	523	14	26	87	5	5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
14		9752	505	523	14	26	87	5	5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
17		9772	506	522	13	18	87	5	5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20		9792	510	525	16	28	87	5	5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23		9802	503	519	13	31	87	5	5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	02	9830	503	517	13	25	84	7	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
05		9843	502	517	13	19	84	7	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
08		9835	505	520	13	25	87	5	5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
11		9880	505	520	14	19	87	5	5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
14		9894	504	518	13	26	87	5	5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
17		9911	504	518	14	21	84	5	5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20		9918	504	519	13	23	84	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23		9930	504	519	13	23	84	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	02	9941	505	519	13	22	84	3	3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
05		9946	506	520	13	25	87	5	5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
08		9954	503	518	13	23	87	5	5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
11		9966	505	520	13	25	87	5	5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
14		9971	502	516	12	25	80	5	5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
17		9971	502	517	12	21	80	5	5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20		9970	501	517	11	19	80	5	5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23		9968	501	517	13	14	80	5	5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	02	9972	501	518	13	15	82	8	8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
05		9965	502	518	13	12	82	8	8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
08		9963	502	516	22	08	82	7	7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
11		9964	505	517	00	00	80	7	7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
14		9955	505	515	20	02	80	7	7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
17		9942	507	516	08	01	80	7	7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20		9925	508	517	00	00	82	4	4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23		9918	508	517	00	00	82	4	4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23	02	9903	509	518	00	00	80	7	7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
05		9888	508	518	00	00	80	7	7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
08		9878	508	517	22	03	82	5	5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
11		9866	507	520	00	00	84	5	5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
14		9862	506	520	00	00	84	5	5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
17		9851	505	520	15	15	84	5	5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20		9847	506	521	00	00	84	5	5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23		9848	507	521	00	00	84	5	5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
24	02	9846	507	523	04	19	84	2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
05		9840	504	522	04	19	84	2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
08		9839	506	523	08	13	87	5	5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
11		9838	510	523	36	02	87	5	5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
14		9837	513	524	15	11	87	1	1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
17		9840	523	527	27	07	87	1	1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20		9853	522	526	21	07	87	1	1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23		9847	520	528	21	11	87	1	1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
25	02	9843	521	528	17	08	87	0	0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
05		9839	522	529	00	00	87	0	0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
08		9857	523	530	00	00	87	0	0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
11		9835	521	533	00	00	87	1	1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
14		9836	521	531	00	00	87	1	1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
17		9839	520	533	11	06	87	1	1	0.2																

Results of Surface Observations,
MAWSON JULY, 1962

DAY	LOCAL STANDARD TIME	STATION LEVEL PRESSURE $\text{mb} \times 10^{-1}$	TEMPERATURES			SURFACE WIND		LOW CLOUD												DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		EXTREME TEMPERATURES		
			(DRY BULB) °F	(WET BULB) °F	(DEW POINT) °F	(DIRECTION) °x 10	(SPEED) kt	VV	PAST WEATHER	CLOUD AMOUNT	PRESENT WEATHER	AMOUNT	TYPE	BASE	C _L	C _H	D _L	D _M	D _H	*x10 kt	ANEMOMETER WIND RUN St.miles	PRECIPITATION Points	MAXIMUM °F	MINIMUM °F			
								W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	
28	02	9940	517			530	17	11	84	2	02	0	0	0	8	1	0	0	7								
	05	9962	516			529	20	05	84	0	02	1	0	0	9	1	5	5	4	6							
	08	9956	514			528	24	07	87	3	02	1	0	0	9	1	5	5	5	6							
	11	9944	512			527	28	04	84	7	02	2	0	0	9	1	1	1	4								
	14	9921	512			526	24	05	84	8	02	2	0	0	9	1	1	1	4								
	17	9899	513			526	13	05	84	8	02	0	0	0	9	1	1	1	4								
	20	9856	510			523	12	24	84	5	02	1	1	0	9	1	1	1	4								
29	23	9825	510			524	18	18	84	9	02	0	0	0	9	1	1	1	4		12	31	241		509	519	
	02	9783	513			523	02	11	82	8	02	0	0	0	9	1	1	1	4								
	05	9765	513			522	20	11	82	8	02	0	0	0	9	1	1	1	4								
	08	9745	512			521	00	00	82	8	02	0	0	0	9	1	1	1	4								
	11	9746	510			523	23	08	82	8	02	0	0	0	9	1	1	1	4								
	14	9748	513			522	00	00	82	8	02	0	0	0	9	1	1	1	4								
	17	9751	510			525	15	18	82	7	01	0	0	0	9	1	1	1	4								
30	20	9763	514			527	00	00	87	2	02	0	0	0	9	1	1	1	4								
	23	9765	515			529	14	14	87	2	02	0	0	0	9	1	1	1	4								
	02	9775	518			532	14	17	87	0	02	0	0	0	9	1	1	1	4								
	05	9780	516			532	15	25	87	0	02	0	0	0	9	1	1	1	4								
	08	9789	518			532	15	25	87	1	02	0	0	0	9	1	1	1	4								
	11	9797	520			534	13	30	87	1	02	0	0	0	9	1	1	1	4								
	14	9808	517			532	13	29	87	2	02	0	0	0	9	1	1	1	4								
31	17	9826	519			533	15	22	87	3	02	0	0	0	9	1	1	1	4								
	20	9851	517			533	24	05	87	1	02	0	0	0	9	1	1	1	4								
	23	9858	518			533	16	17	87	0	02	0	0	0	9	1	1	1	4								
	02	9885	521			536	15	21	87	1	02	0	0	0	9	1	1	1	4								
	05	9902	522			536	16	23	84	2	02	0	0	0	9	1	1	1	4								
	08	9921	521			535	00	00	87	0	02	0	0	0	9	0	0	0	4								
	11	9930	522			536	16	11	89	0	02	0	0	0	9	0	0	0	4								
31	14	9942	520			534	13	07	87	1	03	1	0	0	9	0	0	0	5								
	17	9951	525			536	00	00	87	1	03	1	0	0	9	0	0	0	5								
	20	9945	526			537	00	00	87	1	03	1	0	0	9	0	0	0	5								
	23	9940	523			537	13	11	87	2	02	0	0	0	9	0	0	0	5								
	02	9956	521			536	15	21	87	1	02	0	0	0	9	1	1	1	4								
	05	9962	522			536	16	23	84	2	02	0	0	0	9	1	1	1	4								
	08	9975	521			535	00	00	87	0	02	0	0	0	9	0	0	0	4								
31	11	9980	522			536	16	11	89	0	02	0	0	0	9	0	0	0	5								
	14	9989	520			534	13	07	87	1	03	1	0	0	9	0	0	0	5								
	17	9998	525			536	00	00	87	1	03	1	0	0	9	0	0	0	5								
	20	9945	526			537	00	00	87	1	03	1	0	0	9	0	0	0	5								
	23	9940	523			537	13	11	87	2	02	0	0	0	9	0	0	0	5								
	02	9956	521			536	15	21	87	1	02	0	0	0	9	1	1	1	4								
	05	9962	522			536	16	23	84	2	02	0	0	0	9	1	1	1	4								
31	08	9975	521			535	00	00	87	0	02	0	0	0	9	0	0	0	4								
	11	9980	522			536	16	11	89	0	02	0	0	0	9	0	0	0	5								
	14	9989	520			534	13	07	87	1	03	1	0	0	9	0	0	0	5								
	17	9998	525			536	00	00	87	1	03	1	0	0	9	0	0	0	5								
	20	9945	526			537	00	00	87	1	03	1	0	0	9	0	0	0	5								
	23	9940	523			537	13	11	87	2	02	0	0	0	9	0	0	0	5								
	02	9956	521			536	15	21	87	1	02	0	0	0	9	1	1	1	4								
31	05	9962	522			536	16	23	84	2	02	0	0	0	9	1	1	1	4								
	08	9975	521			535	00	00	87	0	02	0	0	0	9	0	0	0	4								
	11	9980	522			536	16	11	89	0	02	0	0	0	9	0	0	0	5								
	14	9989	520			534	13	07	87	1	03	1	0	0	9	0	0	0	5								
	17	9998	525			536	00	00	87	1	03	1	0	0	9	0	0	0	5								
	20	9945	526			537	00	00	87	1	03	1	0	0	9	0	0	0	5								
	23	9940	523			537	13	11	87	2	02	0	0	0	9	0	0	0	5								

Results of Surface Observations,
MAWSON AUGUST 1962

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION Points	EXTREME TEMPERATURES						
DAY	HOUR		DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION °x 10	KT			Oktas	WW	W	Oktas	C _L	h	C _M	C _H	D _L	D _M	D _H	°x 10	KT	St. miles	in	in	
			mb x 10 ⁻¹																							
01	02	9935	523	537	00	00	87	3	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
05		9923	523	537	00	00	84	4	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
08		9913	524	538	00	00	87	3	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
11		9911	525	538	00	00	87	3	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
14		9907	524	536	00	00	87	1	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
17		9895	525	537	00	00	87	1	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
20		9875	525	538	00	00	87	1	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
23		9846	522	535	00	00	87	1	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
02	02	9817	521	535	00	00	87	2	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
05		9792	516	529	15	20	84	3	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
08		9752	519	532	09	21	84	3	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
11		9733	520	534	09	21	84	5	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
14		9702	520	534	13	17	84	6	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
17		9688	521	533	19	09	84	3	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
20		9681	523	535	19	06	87	3	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
23		9681	525	536	24	04	87	2	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
03	02	9688	526	536	00	00	87	2	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
05		9694	527	537	21	03	87	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
08		9702	529	539	00	00	87	1	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
11		9720	527	538	00	00	87	1	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
14		9733	527	538	15	16	87	3	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
17		9755	527	538	16	07	87	3	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
20		9780	530	542	25	21	87	2	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
23		9804	530	542	00	00	87	2	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
04	02	9821	531	543	15	18	87	1	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
05		9834	531	543	15	22	87	1	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
08		9848	531	543	14	19	87	1	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
11		9866	526	538	13	17	87	1	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
14		9887	527	540	13	24	84	2	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
17		9901	528	541	13	30	84	2	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
20		9918	527	540	14	31	84	1	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
23		9933	526	538	14	31	84	1	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
05	02	9954	522	537	13	33	84	1	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
08		9955	522	538	13	29	87	2	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
11		9967	522	538	13	25	87	1	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
14		9977	524	538	13	17	87	3	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
17		9978	523	535	18	04	87	3	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
20		9971	524	538	20	11	87	3	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
23		9943	526	537	00	00	87	2	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
06	02	9927	519	532	00	00	87	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
05		9919	524	536	25	04	87	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
08		9916	522	534	00	00	87	1	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
11		9909	525	536	00	00	87	5	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
14		9903	524	534	00	00	87	5	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
17		9895	527	537	00	00	87	3	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
20		9890	525	536	00	00	87	3	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
23		9885	527	537	00	00	87	3	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
07	02	9880	526	537	00	00	87	2	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
05		9873	527	538	00	00	87	2	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
08		9874	526	538	00	00	87	1	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
11		9875	526	537	00	00	84	2	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
14		9873	525	536	00	00	84	2	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
17		9875	521	533	09	53	87	2	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
20		9880	519	534	07	57	87	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5
23		9876	519	534	10	57	87	0</																		

Results of Surface Observations,
MAWSON AUGUST 1962

LOCAL STANDARD TIME	HOUR	STATION LEVEL PRESSURE $\text{mb} \times 10^{-1}$	TEMPERATURES			SURFACE WIND			PRESENT WEATHER			LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			EXTREME TEMPERATURES					
			DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION °x 10	KILOMETERS KT	VISIBILITY MM	PAST WEATHER OKtas	AMOUNT OKtas	CLOUD TYPE C _L	C _M %	C _H %	BASE h	MIDDLE h	HIGH h	LOW D _L	MIDDLE D _M	HIGH D _H	DIRECTION °x 10	KILOMETERS KT	ANEMOMETER WIND RUN MILES	PRECIPITATION POINTS	MAXIMUM °F	MINIMUM °F	
DAY																										
10	02	9792	502	510	12	38	66	8	38	3	0	0	0	8	1	0	8	2	2	1	1	12	58	763	06	502
	05	9784	01	511	13	38	84	2	02	1	0	0	0	8	1	0	8	2	2	1	1					
	08	9780	02	512	12	35	80	4	02	1	0	0	0	8	1	0	8	2	2	1	1					
	11	9782	03	511	12	32	74	7	02	2	0	0	0	8	2	2	8	2	2	1	1					
	14	9786	05	510	13	32	84	7	02	2	0	0	0	8	7	1	8	7	2	2	1					
	17	9789	00	512	13	31	84	5	01	2	0	0	0	8	1	1	8	7	2	2	1					
	20	9790	01	514	13	38	84	7	03	1	0	0	0	8	7	0	8	7	3	3	1					
	23	9768	03	512	12	32	84	6	01	2	0	0	0	8	7	0	8	7	0	12	58	763	06	502		
11	02	9746	501	514	13	31	84	1	02	0	0	0	0	8	7	0	8	1	0	3	3					
	05	9718	504	516	21	22	87	1	02	0	0	0	0	8	1	0	8	1	0	3	3					
	08	9677	503	516	16	19	87	1	02	0	0	0	0	8	1	0	8	1	0	3	3					
	11	9660	505	517	16	25	87	0	02	0	0	0	0	9	0	0	9	0	0	3	3					
	14	9657	508	518	15	31	84	0	36	0	0	0	0	9	0	0	9	0	0	3	3					
	17	9681	504	518	16	16	87	0	02	3	0	0	0	9	0	0	9	0	0	3	3					
	20	9710	505	520	13	25	87	0	02	0	0	0	0	9	0	0	9	0	0	3	3					
	23	9735	503	522	13	19	89	0	02	0	0	0	0	9	0	0	9	0	0	3	3			608	00	508
12	02	9732	504	520	11	30	87	0	02	0	0	0	0	9	0	0	9	0	0	3	3					
	05	9719	506	520	15	22	87	0	02	0	0	0	0	9	0	0	9	0	0	3	3					
	08	9701	502	516	12	28	87	0	02	0	0	0	0	9	0	0	9	0	0	3	3					
	11	9683	00	513	12	31	87	2	02	0	1	5	0	5	0	0	5	0	0	3	3					
	14	9660	04	509	15	25	87	5	02	1	0	0	0	9	0	0	9	0	0	3	3					
	17	9629	05	507	27	05	84	7	03	1	0	0	0	8	1	0	8	1	0	3	3					
	20	9598	12	505	13	25	87	0	02	0	0	0	0	9	0	0	9	0	0	3	3					
	23	9581	15	508	10	23	80	8	70	7	0	0	0	8	1	0	8	1	0	3	3			436	17	506
13	02	9556	23	508	11	31	80	8	03	5	0	0	0	8	2	0	8	2	0	3	3					
	05	9532	24	505	12	41	84	8	03	5	0	0	0	8	2	0	8	2	0	3	3					
	08	9515	22	508	12	34	80	7	02	2	0	0	0	9	7	0	9	7	0	3	3					
	11	9499	20	508	12	32	56	6	03	5	0	0	0	9	7	0	9	7	0	3	3					
	14	9517	17	507	12	25	74	8	02	1	0	0	0	9	7	1	9	7	1	3	3					
	17	9520	12	505	09	00	58	8	02	7	0	0	0	9	7	1	9	7	1	3	3					
	20	9504	18	508	12	31	66	8	02	2	0	0	0	9	6	5	9	6	5	2	2			661	24	17
	23	9512	16	509	12	36	66	8	02	2	0	0	0	9	6	5	9	6	5	2	2					
14	02	9545	15	507	12	28	66	8	02	3	8	6	5	5	1	0	8	2	2	2	2					
	05	9585	13	504	12	32	74	8	02	1	5	6	5	5	1	0	8	2	2	2	2					
	08	9639	501	507	04	16	74	7	02	2	5	6	5	5	1	0	8	2	2	2	2					
	11	9690	03	506	09	17	74	8	02	7	6	6	5	7	1	0	8	2	2	2	2					
	14	9727	01	507	05	11	74	8	02	7	2	6	6	7	7	0	8	2	2	2	2					
	17	9746	501	508	05	14	63	8	05	7	2	6	5	5	1	0	8	2	2	2	2					
	20	9762	505	513	05	07	64	6	02	2	0	0	0	9	3	0	8	2	2	2	2					
	23	9769	504	512	10	17	84	2	02	1	0	0	0	9	1	0	8	2	2	2	2					
15	02	9775	507	516	12	18	84	2	02	1	1	6	5	5	1	0	8	2	2	2	2					
	05	9776	503	514	12	19	84	7	02	2	0	0	0	8	3	0	8	2	2	2	2					
	08	9815	501	512	11	16	56	7	02	2	4	6	5	5	7	0	8	2	2	2	2					
	11	9827	502	510	09	11	58	8	71	7	8	6	5	5	7	0	8	2	2	2	2					
	14	9855	502	510	12	11	51	8	70	2	8	5	5	7	7	0	8	2	2	2	2					
	17	9868	00	509	12	17	65	8	02	1	6	6	5	6	1	0	8	2	2	2	2					
	20	9874	01	510	12	24	74	7	03	1	7	6	5	6	6	0	8	2	2	2	2			358	03	507
	23	9871	01	507	12	38	58	7	03	3	6	7	6	6	6	0	8	2	2	2	2					
16	02	9862	01	511	12	38	80	1	01	3	1	6	5	5	1	0	8	2	2	2	2					
	05	9854	503	514	14	33	84	1	01	3	2	6	5	5	7	0	8	2	2	2	2					
	08	9835	505	516	14	38	74	1	02	3	0	0	0	9	0	0	9	0	0	3	3					
	11	9820	504	514	14	38	80	1	02	0	0	0	0	9	0	0	9	0	0	3	3					
	14	9798	501	509	14	40	80	5	03	1	1	6	5	5	2	0	8	2	2	2	2					
	17	9758	04	508	14	31	84	7	02	2	0	0	0	8	1	0	8	2	2	2	2					
	20	9748	07	503	11	30	80	8	02	2	0	0	0	8	1	0	8	2	2	2	2			544	10	506
	23	9734	09	501	11	24	80	8	02	2	0	0	0	8	1	0	8	2	2	2	2					
17	02	9723	09	501	11	26	84	8	02	2	0	0	0	8	1	0	8	2	2	2	2					
	05	9719	09	00	12	21	84																			

Results of Surface Observations,
MAWSON AUGUST 1962

Results of Surface Observations,
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LOCAL STANDARD TIME	STATION LEVEL PRESSURE $\text{mb} \times 10^{-1}$	TEMPERATURES				SURFACE WIND		VISIBILITY	CLOUD AMOUNT	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN St. miles	PRECIPITATION Points	EXTREME TEMPERATURES			
		DAY	HOUR	DRY BULB °F	WET BULB °F	DEW POINT °x 10	DIRECTION kt	SPEED °x 10	PAST WEATHER	AMOUNT	C _L	C _M	C _H	D _L	D _M	D _H	°x 10	kt	MAXIMUM °F	MINIMUM °F			
28	02 9744 518	528	00	00	87	0	02															110	515 523
	05 9735 520	530	00	00	87	0	02																
	08 9731 521	531	00	00	89	0	02																
	11 9730 520	530	00	00	87	2	02																
	14 9735 518	528	20	04	87	2	02																
	17 9739 516	526	00	00	89	2	03																
	20 9748 523	532	00	00	87	2	02																
29	23 9749 521	531	00	00	87	4	03																
	02 9753 523	531	00	00	87	2	02																
	05 9746 520	530	00	00	87	6	03																
	08 9739 517	526	11	06	80	8	03																
	11 9718 513	519	09	22	89	8	35																
	14 9704 513	518	08	33	84	9	71																
	17 9692 512	517	08	38	80	0	39																
30	20 9710 512	515	09	39	81	5	22																
	23 9739 512	517	09	28	48	4	36																
	02 9763 511	517	09	16	56	4	02																
	05 9785 512	518	13	04	74	6	03																
	08 9783 513	518	00	00	15	8	71																
	11 9776 507	514	11	05	80	6	38																
	14 9797 501	504	13	38	80	1	39																
31	17 9827 01	500	00	12	34	02	1																
	20 9858 05	509	11	31	84	6	03																
	23 9891 501	512	14	34	84	2	01																
	02 9904 504	514	13	25	87	0	02																
	05 9913 506	516	14	24	87	2	02																
	08 9916 506	517	13	19	87	1	02																
	11 9921 500	513	12	04	87	0	02																
227	14 9927 00	511	00	00	89	1	02															595	05 513
	17 9924 502	514	09	03	87	1	02																
	20 9914 511	519	00	00	87	1	02																
	23 9912 508	519	00	00	87	3	02																
572																							

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES		SURFACE WIND		VISIBILITY	CLOUD AMOUNT	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST	ANEMOMETER WIND RUN	EXTREME TEMPERATURES							
			DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED		PAST WEATHER	Oktas	Type	Base	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	MAXIMUM	MINIMUM			
DAY	Hour	wb × 10 ⁻¹	°F	°F	° × 10	kt	VV	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	9916	509	519	11	0.9	87	3	0.2	1	0	0	9	0	5	5	5	5	5	5	502	511		
	05	9916	509	519	00	0.9	87	2	0.2	1	0	0	9	0	5	5	5	5	5	5				
	08	9918	508	520	12	0.9	87	2	0.2	1	0	0	9	0	5	5	5	5	5	5				
	11	9907	506	518	00	0.9	87	2	0.2	1	0	0	9	0	5	5	5	5	5	5				
	14	9921	502	515	00	0.0	87	2	0.2	1	0	0	9	0	5	5	5	5	5	5				
	17	9938	506	518	00	0.0	84	8	0.3	1	0	0	8	0	5	5	5	5	5	5				
	20	9937	507	518	00	0.0	84	8	0.2	1	0	0	8	0	5	5	5	5	5	5				
	23	9943	505	516	09	11	84	8	0.2	1	0	0	8	0	5	5	5	5	5	5				
	02	9943	506	516	09	0.4	84	8	0.2	1	0	0	8	0	5	5	5	5	5	5	119			
	05	9955	511	520	13	13	87	1	0.2	1	0	0	8	0	5	5	5	5	5	5				
02	08	9956	512	522	12	13	87	4	0.1	2	0	0	9	1	5	5	5	5	5	5				
	11	9947	508	520	13	12	87	4	0.1	2	0	0	9	1	5	5	5	5	5	5				
	14	9943	505	517	00	0.0	87	4	0.2	2	0	0	9	1	5	5	5	5	5	5				
	17	9925	508	520	00	0.0	87	7	0.3	2	0	0	9	1	5	5	5	5	5	5				
	20	9894	510	522	04	0.5	84	5	0.2	2	0	0	9	1	5	5	5	5	5	5				
	23	9878	510	521	05	0.9	84	4	0.2	2	0	0	9	1	5	5	5	5	5	5	147			
	02	9954	511	522	17	0.5	87	4	0.2	2	0	0	8	1	5	5	5	5	5	5	504	512		
03	05	9848	511	521	22	0.8	87	2	0.2	1	0	0	9	0	5	5	5	5	5	5				
	08	9817	505	516	00	0.0	87	5	0.3	1	0	0	9	0	5	5	5	5	5	5				
	11	9814	504	512	13	19	84	7	0.2	1	0	0	9	0	5	5	5	5	5	5				
	14	9814	503	514	11	25	84	7	0.2	2	0	0	9	0	5	5	5	5	5	5				
	17	9809	505	515	00	0.0	84	8	0.2	2	0	0	8	1	5	5	5	5	5	5				
	20	9798	502	516	14	14	84	7	0.2	2	0	0	8	1	5	5	5	5	5	5	171			
	23	9795	500	517	18	16	82	6	0.2	2	0	0	8	1	5	5	5	5	5	5	05	513		
04	02	9789	501	518	11	28	84	3	0.2	2	0	0	9	0	5	5	5	5	5	5				
	05	9777	502	519	11	31	84	4	0.3	1	0	0	9	0	5	5	5	5	5	5				
	08	9769	01	519	11	30	84	5	0.3	1	0	0	9	0	5	5	5	5	5	5				
	11	9767	01	519	11	26	84	8	0.3	2	0	0	9	0	5	5	5	5	5	5				
	14	9759	04	524	11	20	84	8	0.2	2	0	0	9	1	5	5	5	5	5	5				
	17	9754	03	518	10	16	84	7	0.2	2	0	0	9	1	5	5	5	5	5	5				
	20	9756	501	519	10	24	84	7	0.2	2	0	0	9	1	5	5	5	5	5	5	457			
05	02	9754	00	520	11	29	84	2	0.1	1	0	0	9	0	5	5	5	5	5	5	05	504		
	05	9756	501	521	11	28	82	2	0.1	1	0	0	9	0	5	5	5	5	5	5				
	08	9765	505	523	13	25	82	5	0.2	1	0	0	9	2	1	5	5	5	5	5				
	11	9772	504	522	13	28	82	5	0.2	1	0	0	9	1	1	5	5	5	5	5				
	14	9784	01	518	10	21	84	2	0.2	1	0	0	9	2	1	5	5	5	5	5				
06	17	9791	01	519	10	27	87	2	0.2	1	0	0	9	1	1	5	5	5	5	5				
	20	9809	504	519	10	19	87	2	0.2	1	0	0	9	2	1	5	5	5	5	5	558			
	23	9820	502	517	10	23	84	5	0.3	0	0	0	8	7	1	5	5	5	5	5	02	506		
	02	9835	00	514	10	11	84	8	0.3	1	0	0	8	2	1	5	5	5	5	5				
	05	9842	01	513	10	17	84	8	0.2	2	0	0	7	2	2	5	5	5	5	5				
	08	9854	02	511	10	19	84	8	0.2	2	0	0	7	2	2	5	5	5	5	5				
07	11	9863	03	508	10	18	80	8	0.3	2	0	0	7	2	2	5	5	5	5	5				
	14	9864	05	506	11	20	80	7	0.2	2	0	0	7	3	6	6	6	6	6	6				
	17	9867	05	505	11	19	74	8	0.2	2	0	0	7	3	6	6	6	6	6	6				
	20	9866	02	509	13	16	82	6	0.1	1	0	0	9	7	1	5	5	5	5	5				
	23	9860	02	509	13	21	82	5	0.1	2	0	0	9	1	1	5	5	5	5	5				
	02	9851	02	509	12	18	84	3	0.2	1	0	0	9	0	5	5	5	5	5	5	510			
	05	9850	01	510	00	00	94	3	0.2	1	0	0	9	0	5	5	5	5	5	5				
08	08	9842	00	512	00	00	87	4	0.2	1	0	0	9	0	5	5	5	5	5	5				
	11	9832	03	511	00	00	87	5	0.2	1	0	0	9	7	7	5	5	5	5	5				
	14	9815	05	510	11	20	84	6	0.2	1	0	0	9	7	7	5	5	5	5	5				
	17	9811	03	511	10	21	84	7	0.3	1	0	0	9	7	7	5	5	5	5	5				
	20	9811	01	511	10	24	80	8	0.2	2	0	0	9	0	5	5	5	5	5	5				
	23	9832	00	514	13	17	82	8	0.1	2	0	0	9	1	1	5	5	5	5	5	543			
	02	9847	503	516	13	25	87	0	0.1	1	0	0	9	0	5	5	5	5	5	5	07	502		
09	05	9870	506	517	14	30	86	1	0.8	2	0	0	9	1	0	4	4	4	4	4				
	08	9893	507	517	14	30	86	1	0.8	2	0	0	9	0	5	5	5	5	5	5				
	11	9912	00	514	14	11	84	0	0.2	2	0	0	9	0	5	5	5	5	5	5				
	14	9923	00	512	13	27	8																	

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE		TEMPERATURES			SURFACE WIND		LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			EXTREME TEMPERATURES			
DAY	HOUR	in $\times 10^{-3}$	°F	°F	°C	°C	DIR.	KT	SPEED	VISIBILITY	CLOUD AMOUNT	PAST WEATHER	AMOUNT	TYPE	DIR.	KT	SPEED	ANEMOMETER WIND RUN	PRECIPITATION	MAXIMUM °F	MINIMUM °F
10	02	9926	504		517	12	31	84	6	02	2	0	0	0	1	6	2	2	610	02	505
	05	9924	505		518	11	31	82	7	02	2	0	0	0	1	6	1	1			
	08	9920	503		517	11	33	80	8	02	2	0	0	0	1	6	1	1			
	11	9926	500		513	12	30	82	8	02	2	0	0	0	1	6	1	1			
	14	9925	02		513	11	24	82	8	02	2	0	0	0	1	6	1	1			
	17	9928	01		513	09	28	56	8	02	2	0	0	0	1	6	1	1			
	20	9937	01		513	06	14	74	8	02	2	0	0	0	1	6	1	1			
	23	9941	01		510	04	05	74	8	02	2	0	0	0	1	6	1	1			
11	02	9940	02		512	09	19	74	8	02	2	0	0	0	1	6	2	2	610	02	505
	05	9940	01		513	10	19	80	8	02	2	0	0	0	1	6	1	1			
	08	9938	01		513	11	20	82	8	02	2	0	0	0	1	6	1	1			
	11	9936	05		511	09	19	82	8	02	2	0	0	0	1	6	1	1			
	14	9933	06		509	08	22	84	8	02	2	0	0	0	1	6	1	1			
	17	9932	04		509	10	23	84	8	02	2	0	0	0	1	6	1	1			
	20	9936	02		512	11	27	84	8	02	2	0	0	0	1	6	1	1			
	23	9936	02		512	10	30	84	8	02	2	0	0	0	1	6	1	1			
12	02	9935	01		513	11	30	84	8	02	2	0	0	0	1	6	2	2	610	02	505
	05	9936	01		513	11	26	84	8	02	2	0	0	0	1	6	1	1			
	08	9933	02		512	11	24	84	7	02	2	0	0	0	1	6	1	1			
	11	9923	03		511	10	20	80	7	02	2	0	0	0	1	6	1	1			
	14	9914	06		508	11	26	84	7	02	2	0	0	0	1	6	1	1			
	17	9858	04		510	11	31	80	7	02	2	0	0	0	1	6	1	1			
	20	9885	05		509	11	25	80	7	02	2	0	0	0	1	6	1	1			
	23	9871	05		510	11	25	82	7	02	2	0	0	0	1	6	1	1			
13	02	9859	03		512	11	26	84	1	01	1	0	0	0	1	6	2	2	610	02	505
	05	9841	02		513	10	33	87	1	02	1	0	0	0	1	6	1	1			
	08	9831	00		516	11	29	84	1	02	1	0	0	0	1	6	1	1			
	11	9823	03		512	11	24	84	1	02	1	0	0	0	1	6	1	1			
	14	9817	07		509	09	08	84	1	02	1	0	0	0	1	6	1	1			
	17	9810	03		508	00	00	87	5	03	1	0	0	0	1	6	1	1			
	20	9806	01		514	11	22	87	5	03	1	0	0	0	1	6	1	1			
	23	9793	03		509	10	24	84	7	03	2	0	0	0	1	6	2	2	610	02	505
14	02	9800	03		508	07	17	82	7	03	1	0	0	0	1	6	2	2	610	02	505
	05	9798	04		509	09	23	55	8	71	2	0	0	0	1	6	2	2	610	02	505
	08	9805	03		503	07	08	56	8	71	2	0	0	0	1	6	2	2	610	02	505
	11	9801	06		503	09	19	80	8	02	2	0	0	0	1	6	2	2	610	02	505
	14	9800	08		503	10	17	80	8	02	2	0	0	0	1	6	2	2	610	02	505
	17	9795	06		506	11	20	80	7	02	2	0	0	0	1	6	2	2	610	02	505
	20	9789	00		511	11	18	84	2	02	1	0	0	0	1	6	2	2	610	02	505
	23	9784	00		511	11	11	87	2	02	1	0	0	0	1	6	2	2	610	02	505
15	02	9777	503		513	00	00	87	1	02	2	0	0	0	1	6	2	2	610	02	505
	05	9770	502		510	11	03	87	1	02	2	0	0	0	1	6	2	2	610	02	505
	08	9778	503		514	04	02	87	2	02	2	0	0	0	1	6	2	2	610	02	505
	11	9764	501		512	00	00	87	6	02	2	0	0	0	1	6	2	2	610	02	505
	14	9761	04		510	09	15	87	6	02	2	0	0	0	1	6	2	2	610	02	505
	17	9766	02		509	11	11	84	7	02	2	0	0	0	1	6	2	2	610	02	505
	20	9764	501		511	10	17	84	7	02	2	0	0	0	1	6	2	2	610	02	505
	23	9772	01		509	11	09	84	7	02	2	0	0	0	1	6	2	2	610	02	505
16	02	9771	01		510	11	16	84	7	02	2	0	0	0	1	6	2	2	610	02	505
	05	9780	00		510	11	17	84	7	02	2	0	0	0	1	6	2	2	610	02	505
	08	9781	00		510	11	20	82	7	02	2	0	0	0	1	6	2	2	610	02	505
	11	9792	01		508	11	23	80	7	02	2	0	0	0	1	6	2	2	610	02	505
	14	9794	03		508	11	19	80	7	02	2	0	0	0	1	6	2	2	610	02	505
	17	9801	04		506	00	00	80	8	02	2	0	0	0	1	6	2	2	610	02	505
	20	9812	01		508	09	15	80	8	02	2	0	0	0	1	6	2	2	610	02	505
	23	9826	01		507	08	10	80	7	02	2	0	0	0	1	6	2	2	610	02	505
17	02	9840	00		507	10	04	66	8	70	2	0	0	0	1	6	2	2	610	02	505
	05	9848	01		506	30	03	80	8	02	2	0	0	0	1	6	2	2	610	02	505
	08	9852	02		506	11	15	74	8	02	2	0	0	0	1	6	2	2	610	02	505
	11	9802	04		505	09	08	80	8	02	2	0	0	0	1	6	2	2	610	02	505
	14	9886	06		503	04	02	66	8	70	2	0	0	0	1	6	2	2	610	02	505
	17	9871	05		503	00	00	66	8	70	2	0	0	0	1	6	2	2	610	02	505
	20	9870	03		506	11	14	66	8	02	2	0	0	0	1	6	2	2	610	02	505
	23	9828	506		518	10	23	89	1	02	2	0	0	0	1	6	2	2	610	02	505
18	02	9857	507		514	13	25	82	3	02	1	0	0	0	1	6	2	2	610	02	505
	05	9845	508		515	13	21	84	3	02	1	0	0	0	1	6	2	2	610	02	505
	08	9841	510		518	14	23	87	1	02	1	0	0	0	1	6	2	2	610	02	505
	11	9832	501		512	11	14	87	2	02	1	0	0	0	1	6	2	2	610	02	505
	14	9830	01		510	10	11	87	1	02	1	0	0	0	1	6	2	2	610	02	505
	17	9828	501		513	11	13	89	1	02	1	0	0	0	1	6	2	2	610	02	505
	20	9832																			

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE		TEMPERATURES		SURFACE WIND		VISIBILITY		CLOUD AMOUNT		PRESENT WEATHER		PAST WEATHER		DIRECTION OF CLOUD MOVEMENT		MAXIMUM WIND GUST		ANEMOMETER WIND RUN		PRECIPITATION		EXTREME TEMPERATURES				
DAY	HOUR	in	in	°F	°F	°x 10 ⁻²	mi	kt	VV	Oktas	WW	WW	W	W	Oktas	C _L	C _M	C _H	D _L	D _M	D _H	*x 10 ⁻²	kt	St.miles	Points	°F	°F	
		lb x 10 ⁻¹	in	°F	°F	°x 10 ⁻²	mi	kt	VV	Oktas	WW	WW	W	W	Oktas	C _L	C _M	C _H	D _L	D _M	D _H	*x 10 ⁻²	kt	St.miles	Points	°F	°F	
19	02	9862	506	518	518	11	11	1.6	87	2	5	5	5	5	5	0	0	0	0	6	3	3	42	478	505	512		
	05	9864	507	519	519	12	12	2.5	87	1	7	7	7	7	7	0	0	0	0	7	7	7	7					
	08	9874	519	521	521	11	11	3.1	87	7	6	6	6	6	6	0	0	0	0	5	5	5	5					
	11	9897	518	519	519	11	11	2.4	84	7	7	7	7	7	7	0	0	0	0	5	5	5	5					
	14	9910	515	517	517	11	11	2.2	84	7	7	7	7	7	7	0	0	0	0	5	5	5	5					
	17	9926	516	518	518	11	11	2.1	84	7	7	7	7	7	7	0	0	0	0	5	5	5	5					
	20	9942	519	521	521	11	11	2.3	84	7	7	7	7	7	7	0	0	0	0	5	5	5	5					
	23	9958	511	523	523	11	11	2.9	87	7	7	7	7	7	7	0	0	0	0	5	5	5	5					
20	02	9972	510	522	522	11	11	2.7	87	5	5	5	5	5	5	0	0	0	0	5	5	5	5					
	05	9985	518	520	520	11	11	2.6	84	7	7	7	7	7	7	0	0	0	0	5	5	5	5					
	08	10002	517	519	519	11	11	2.5	84	7	7	7	7	7	7	0	0	0	0	5	5	5	5					
	11	10013	515	515	515	13	13	2.1	65	8	8	8	8	8	8	0	0	0	0	5	5	5	5					
	14	10023	514	517	517	12	12	2.0	74	8	8	8	8	8	8	0	0	0	0	5	5	5	5					
	17	10024	516	519	519	11	11	2.1	84	7	7	7	7	7	7	0	0	0	0	5	5	5	5					
	20	10022	511	522	522	13	13	2.2	84	7	7	7	7	7	7	0	0	0	0	5	5	5	5					
	23	10007	512	522	522	13	13	2.1	84	7	7	7	7	7	7	0	0	0	0	5	5	5	5					
21	02	9997	511	523	523	18	18	0.6	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	504	513
	05	9980	514	524	524	00	00	0.6	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	509	515
	08	9967	514	524	524	00	00	0.6	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	509	515
	11	9954	511	522	522	19	19	0.3	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	509	515
	14	9943	519	521	521	23	23	0.3	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	509	515
	17	9926	519	519	519	23	23	0.3	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	509	515
	20	9916	512	522	522	00	00	0.6	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	509	515
	23	9907	513	524	524	00	00	0.6	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	509	515
22	02	9895	513	524	524	30	30	0.2	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	509	515
	05	9886	515	525	525	00	00	0.2	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	509	515
	08	9878	512	524	524	11	11	1.8	87	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	509	515
	11	9872	510	522	522	10	10	2.0	87	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	509	515
	14	9862	516	519	519	09	14	2.4	87	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	509	515
	17	9854	516	520	520	11	11	1.7	87	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	509	515
	20	9860	511	523	523	11	11	1.3	87	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	509	515
	23	9842	516	526	526	13	13	1.7	87	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	509	515
23	02	9842	517	527	527	00	00	0.6	87	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	506	517
	05	9842	517	529	529	02	02	0.2	87	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	506	517
	08	9847	516	528	528	00	00	0.6	87	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	506	517
	11	9845	510	523	523	11	21	0.3	87	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	506	517
	14	9853	509	523	523	05	13	0.9	87	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	506	517
	17	9854	510	522	522	09	19	0.3	87	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	506	517
	20	9860	513	526	526	10	10	1.7	87	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	506	517
	23	9865	516	528	528	12	12	1.6	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	506	517
24	02	9862	515	528	528	13	17	0.7	87	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	509	518
	05	9867	515	528	528	25	03	0.9	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	509	518
	08	9876	517	526	526	23	08	0.9	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	509	518
	11	9883	512	522	522	22	08	0.8	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	509	518
	14	9889	508	519	519	26	11	0.1	87	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	509	518
	17	9883	508	521	521	23	03	0.7	87	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	509	518
	20	9885	511	522	522	21	21	0.1	87	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	509	518
	23	9891	508	520	520	11	28	0.8	87	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	509	518
25	02	9899	512	523	523	15	21	2.1	87	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	505	518
	05	9909	513	524	524	17	07	0.7	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	505	518
	08	9923	512	523	523	20	07	0.7	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	505	518
	11	9920	508	518	518	09	02	0.5	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	505	518
	14	9932	507	517	517	23	03	0.9	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	505	518
	17	9940	503	515	515	26	02	0.6	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	505	518
	20	9944	508	515	515	22	02	0.6	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	505	518
	23	9946	511	518	518	00	00	0.0	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	505	518
26	02	9952	512	524	524	15	06	0.6	84	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	503	518
	05	9947	515	525	525	15	07																					

Results of Surface Observations,
MAWSON SEPT., 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE mb $\times 10^{-1}$	TEMPERATURES			SURFACE WIND			PRESENT WEATHER	LOW CLOUD AMOUNT	DIRECTION OF CLOUD MOVEMENT	MAXIMUM WIND GUST $\text{kt} \times 10$	ANEMOMETER WIND RUN St.miles			EXTREME TEMPERATURES							
				DRY BULB °F	WET BULB °F	DEP. POINT °F	DIRECTION °x 10	KT	SPEED					C _L	C _M	C _H	D _L	D _M	D _H	DIRECTION KT	SPEED $\text{kt} \times 10$	PRECEPITATION Points	MAXIMUM °F	MINIMUM °F
28	02	9861	05	511	13	26	84	5	03	1	0	0	0	9	9	1	6	5	5	5	5	246	08	00
	05	9857	03	512	12	24	84	7	02	2	0	0	0	9	9	1	1	5	5	5	5			
	08	9855	01	513	10	24	84	2	02	2	0	0	0	9	9	1	1	5	5	5	5			
	11	9847	03	512	10	30	80	8	02	2	1	0	0	6	6	1	2	5	5	5	5			
	14	9845	08	507	06	16	80	8	02	2	0	0	0	8	8	1	2	5	5	5	5			
	17	9835	08	506	08	24	80	8	02	2	0	0	0	8	8	1	2	5	5	5	5			
	20	9815	07	505	10	33	74	8	02	2	0	0	0	8	8	1	2	5	5	5	5			
	23	9799	08	503	11	44	74	8	02	2	0	0	0	8	8	1	2	5	5	5	5			
	02	9768	06	00	10	53	07	8	70	7	0	0	0	8	8	2	2	1	1	1	1			
	05	9761	07	04	11	53	02	8	38	7	0	0	0	8	8	2	2	1	1	1	1			
29	08	9742	09	03	11	56	16	8	36	7	0	0	0	8	8	2	2	1	1	1	1			
	11	9740	08	01	11	50	07	8	38	7	0	0	0	8	8	2	2	1	1	1	1			
	14	9756	08	00	11	56	04	8	38	7	0	0	0	8	8	2	2	1	1	1	1			
	17	9774	10	04	11	39	03	8	70	7	8	6	6	5	5	2	1	1	1	1	1			
	20	9776	09	03	11	37	32	8	38	7	8	6	6	5	5	2	1	1	1	1	1			
	23	9778	10	00	12	25	48	8	36	7	3	6	6	1	2	1	1	1	1	1	1	851	11	05
	02	9785	09	502	12	19	74	8	02	2	0	0	0	8	1	1	1	1	1	1	1			
30	05	9801	08	503	16	13	82	8	02	2	0	0	0	8	8	1	1	1	1	1	1			
	08	9816	07	505	13	19	82	7	02	2	0	0	0	8	8	1	1	1	1	1	1			
	11	9836	12	503	00	00	84	6	01	1	0	0	0	9	9	1	1	1	1	1	1			
	14	9850	13	501	36	06	84	3	05	1	0	0	0	9	9	0	0	1	1	1	1			
	17	9879	09	502	00	00	84	2	05	1	0	0	0	9	9	0	0	1	1	1	1			
	20	9902	04	506	11	21	84	6	05	1	0	0	0	9	9	1	1	1	1	1	1	729	15	02
	23	9918	03	508	11	23	84	6	05	1	0	0	0	9	9	1	1	1	1	1	1			

Results of Surface Observations,
MAWSON OCT., 1962

LOCAL STANDARD TIME		STATION LEVEL PRESSURE $\text{mb} \times 10^{-1}$	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			ANEMOMETER WIND RUN		PRECIPITATION		EXTREME TEMPERATURES				
			DAY	Hour	DRY BULB °F	WET BULB °F	DEW POINT °F				Oktas	ww	w	C _L	h	C _M	C _H	D _L	D _M	D _H	°x 10	kt	St. miles	Points	MAXIMUM °F	MINIMUM °F		
01	02	9932	01		510	11	25	84	B	03	2	0	0	9	1	5		5	1	6								
	05	9933	03		504	10	31	82	B	02	2	0	0	9	1	5		2	2	2								
	08	9918	05		04	09	41	00	B	00	7	7	8	6	6	5		6	5	5								
	11	9905	07		06	09	42	05	B	08	71	7	8	6	6	5		6	5	5								
	14	9887	07		07	10	42	07	B	08	70	7	8	6	6	5		6	5	5								
	17	9827	07		07	10	60	00	B	00	71	7	7	6	6	5		5	5	5								
	20	9789	08		07	10	60	00	B	00	71	7	7	6	6	5		5	5	5								
	23	9765	08		07	10	60	00	B	00	71	7	7	6	6	5		5	5	5								
	02	9769	08		08	11	55	00	B	00	71	7	7	6	6	5		5	5	5								
	05	9767	08		08	12	52	00	B	00	71	7	7	6	6	5		5	5	5								
02	08	9784	09		08	12	38	00	B	00	71	7	7	6	6	5		5	5	5								
	11	9785	11		10	11	38	01	B	01	8	38	7	0	0	0	0	0	0	0								
	14	9771	13		12	11	31	66	B	08	38	3	0	0	0	0	0	0	0	0								
	17	9742	13		03	11	28	80	B	07	36	3	0	0	0	0	0	0	0	0								
	20	9715	11		00	11	25	80	B	07	36	3	0	0	0	0	0	0	0	0								
	23	9699	10		501	11	25	80	B	07	36	3	0	0	0	0	0	0	0	0								
	02	9691	06		506	13	23	84	B	02	01	0	0	0	0	0	0	0	0	0								
	05	9700	03		508	13	26	84	B	02	02	1	0	0	0	0	0	0	0	0								
	08	9711	04		508	13	18	84	B	02	02	0	0	0	0	0	0	0	0	0								
	11	9717	09		504	00	00	87	B	01	03	0	0	0	0	0	0	0	0	0								
03	14	9731	09		503	00	00	87	B	01	03	0	0	0	0	0	0	0	0	0								
	17	9730	11		503	11	17	87	B	02	02	0	0	0	0	0	0	0	0	0								
	20	9731	09		505	11	25	87	B	02	02	0	0	0	0	0	0	0	0	0								
	23	9730	07		407	11	34	84	B	02	02	0	0	0	0	0	0	0	0	0								
	02	9726	06		509	11	38	84	B	02	36	3	0	0	0	0	0	0	0	0								
	05	9729	06		506	11	35	80	B	03	03	0	0	0	0	0	0	0	0	0								
	08	9732	08		506	11	34	66	B	02	36	3	0	0	0	0	0	0	0	0								
	11	9733	09		506	11	39	80	B	05	01	0	0	0	0	0	0	0	0	0								
	14	9743	10		504	11	32	65	B	03	02	0	0	0	0	0	0	0	0	0								
	17	9742	11		504	11	32	65	B	02	05	1	1	0	0	0	0	0	0	0								
04	20	9754	09		506	12	25	66	B	05	02	0	0	0	0	0	0	0	0	0								
	23	9750	05		507	13	21	66	B	03	24	0	0	0	0	0	0	0	0	0								
	02	9757	02		510	12	17	87	B	00	01	2	0	0	0	0	0	0	0	0								
	05	9754	02		511	11	17	84	B	00	02	0	0	0	0	0	0	0	0	0								
	08	9753	03		510	13	27	87	B	01	02	0	0	0	0	0	0	0	0	0								
	11	9748	08		507	12	17	84	B	02	02	0	0	0	0	0	0	0	0	0								
	14	9752	10		504	11	17	84	B	02	02	0	0	0	0	0	0	0	0	0								
	17	9755	09		504	11	22	84	B	01	02	0	0	0	0	0	0	0	0	0								
	20	9767	07		506	11	20	84	B	03	02	0	0	0	0	0	0	0	0	0								
	23	9775	07		507	11	25	84	B	05	03	0	0	0	0	0	0	0	0	0								
06	02	9790	08		506	11	19	84	B	03	02	1	0	0	0	0	0	0	0	0								
	05	9806	08		507	11	21	84	B	03	02	0	0	0	0	0	0	0	0	0								
	08	9817	07		507	13	22	84	B	02	05	1	1	0	0	0	0	0	0	0								
	11	9825	13		502	12	14	84	B	01	05	0	0	0	0	0	0	0	0	0								
	14	9824	14		501	12	22	84	B	02	02	0	0	0	0	0	0	0	0	0								
	17	9821	11		503	10	26	84	B	02	02	0	0	0	0	0	0	0	0	0								
	20	9797	07		507	11	37	84	B	04	02	0	0	0	0	0	0	0	0	0								
	23	9765	04		509	11	36	84	B	05	03	0	0	0	0	0	0	0	0	0								
	02	9730	01		509	11	38	80	B	08	36	3	0	0	0	0	0	0	0	0								
	05	9698	02		507	11	42	56	B	08	36	3	0	0	0	0	0	0	0	0								
07	08	9688	02		506	11	36	56	B	08	36	3	1	0	0	0	0	0	0	0								
	11	9665	06		01	11	38	16	B	07	36	3	1	0	0	0	0	0	0	0								
	14	9650	08		03	11	39	32	B	06	36	3	0	0	0	0	0	0	0	0								
	17	9650	08		502	11	36	66	B	06	36	3	0	0	0	0	0	0	0	0								
	20	9649	07		507	11	36	80	B	02	02	0	0	0	0	0	0	0	0	0								
	23	9652	08		507	12	29	82	B	02	02	0	0	0	0													

Results of Surface Observations,
MAWSON OCT., 1962

LOCAL STANDARD TIME		STATION LEVEL PRESSURE mb x 10 ⁻¹	TEMPERATURES			SURFACE WIND			VISIBILITY VV	CLOUD AMOUNT OKtas	PRESENT WEATHER	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		EXTREME TEMPERATURES	
			DAY	HOUR	DRY BULB °F	WET BULB °F	Dew Point °x 10	Direction kt	Speed x 10	Wind Dir.	Cloud Type C _L	Base h	Middle Cloud C _M	High Cloud C _H	Low D _L	Middle D _M	High D _H	Direction x 10 kt	Speed x 10 kt		
																		St. miles	Points	MAXIMUM °F	MINIMUM °F
10	02	9725	04		508	13	16	87	1	02	0	0	0	9	5	5	6	6	340	15	00
	05	9722	02		510	13	21	87	2	02	1	0	0	9	1	5	5	5			
	08	9717	06		506	10	09	87	1	02	2	0	0	9	1	0	0	1			
	11	9714	13		503	10	17	84	1	05	0	0	0	9	0	0	0	1			
	14	9712	15		500	09	17	84	1	05	0	0	0	9	0	0	0	1			
	17	9711	13		501	09	05	84	3	03	1	0	0	9	0	0	0	5			
	20	9722	07		505	11	21	87	2	02	1	0	0	9	0	0	0	5			
	23	9719	07		508	11	29	87	4	03	1	0	0	9	1	5	2	5			
11	02	9721	07		507	11	30	87	3	02	1	0	0	9	0	0	1	5	482	19	05
	05	9716	08		507	11	25	84	3	02	1	0	0	9	1	2	1	5			
	08	9717	08		506	11	23	84	3	02	1	0	0	9	1	2	2	5			
	11	9711	15		500	11	21	84	4	02	1	0	0	9	1	2	2	5			
	14	9705	19		505	09	19	82	7	01	1	0	0	8	1	0	0	3			
	17	9703	19		507	07	07	82	7	02	2	3	6	6	5	1	2	5			
	20	9705	17		504	09	13	84	8	02	2	0	0	9	7	0	0	3			
	23	9715	14		501	11	31	84	3	01	1	0	0	9	1	0	0	3			
12	02	9733	12		502	11	24	84	6	02	2	0	0	9	1	5	5	4	478	20	07
	05	9754	12		501	11	29	84	8	02	2	4	5	7	7	1	1	4			
	08	9781	14		500	11	30	84	7	02	2	4	5	7	7	0	1	4			
	11	9810	16		503	10	14	84	6	02	2	2	5	7	7	0	1	4			
	14	9834	19		506	04	08	84	6	02	1	0	0	9	3	0	0	3			
	17	9856	18		506	00	00	87	4	02	1	0	0	9	3	5	4	5			
	20	9868	14		506	13	07	87	4	02	1	0	0	9	3	5	4	5			
	23	9874	08		503	12	16	87	4	02	1	0	0	9	0	6	6	6			
13	02	9879	06		505	12	18	87	5	05	1	0	0	9	0	6	6	6	315	15	04
	05	9875	08		505	12	17	84	7	03	2	0	0	9	1	6	6	6			
	08	9864	08		505	10	25	84	8	03	2	0	0	9	1	5	1	6			
	11	9866	12		501	10	25	84	8	02	2	0	0	9	1	5	1	6			
	14	9866	15		501	10	25	84	8	02	2	0	0	9	1	5	1	6			
	17	9877	14		501	09	19	74	0	02	2	0	0	9	1	5	1	6			
	20	9896	10		503	11	16	84	6	02	1	0	0	9	1	5	1	6			
	23	9905	08		505	12	20	84	4	02	1	0	0	9	4	5	6	6			
14	02	9920	07		505	12	17	84	7	03	2	0	0	9	0	0	6	6	507	15	06
	05	9927	08		505	11	23	84	8	03	2	0	0	9	1	7	6	6			
	08	9932	07		506	11	24	84	8	03	2	0	0	9	1	7	7	7			
	11	9932	10		503	11	23	84	8	02	2	0	0	9	1	7	7	7			
	14	9931	12		501	09	19	74	0	02	2	0	0	9	1	7	7	7			
	17	9917	11		501	08	18	58	0	02	2	0	0	9	1	7	7	7			
	20	9882	10		500	09	25	56	0	15	2	0	0	9	1	7	7	7			
	23	9853	10		501	07	24	59	8	15	2	0	0	9	1	7	7	7			
15	02	9791	09		07	11	49	01	B	38	3	8	6	6	6	6	6	6	812	19	09
	05	9763	09		08	11	47	00		39	3	8	6	6	6	6	6	6			
	08	9737	10		09	11	54	00		39	3	8	6	6	6	6	6	6			
	11	9724	13		12	12	51	02	B	38	7	0	0	9	1	7	7	7			
	14	9746	18		06	12	37	16	B	36	3	4	0	0	9	1	7	7			
	17	9764	18		06	12	30	32	B	15	3	6	6	6	6	1	7	7			
	20	9791	17		08	12	32	58	B	71	7	6	5	6	6	1	7	7			
	23	9796	14		501	00	00	84	6	02	2	0	0	9	0	0	5	5			
16	02	9797	13		04	13	14	48	8	71	7	8	6	6	6	5	6	6	477	15	04
	05	9802	09		00	13	12	84	5	01	1	0	0	9	0	1	8	8			
	08	9804	08		00	13	24	84	1	01	1	0	0	9	0	0	0	5			
	11	9817	15		02	00	00	84	0	02	1	0	0	9	0	0	0	5			
	14	9838	15		05	00	00	84	0	02	1	0	0	9	0	0	0	5			
	17	9855	15		04	00	00	87	2	02	1	0	0	9	0	0	0	5			
	20	9866	10		00	00	00	87	7	03	2	0	0	9	0	0	0	5			
	23	9870	07		501	00	00	84	6	02	2	0	0	9	0	0	0	5			
17	02	9862	10		502	00	00	56	8	15	1	0	0	8	1	0	0	2	285		

Results of Surface Observations,
MAWSON OCT., 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			ANEMOMETER WIND RUN	EXTREME TEMPERATURES							
				DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED				VV	Oktas	WW	W	Oktas	C _L	h	C _M	C _H	D _L	D _M	D _H	=x10	kt	St.miles	Points	MAXIMUM	MINIMUM
				mb x 10 ⁻¹	°F	°F	=x10	kt																					
19	02	9776	501	508	11	20	84	3	02	3	2	5	7	1	0	3	5	5	5	7	0	0	0	0	0	0	0	0	
	05	9771	502	510	12	21	84	5	36	3	5	5	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	08	9774	500	509	12	25	84	6	36	2	6	5	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	11	9780	02	509	12	12	84	5	02	2	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	14	9783	05	509	03	03	84	4	02	2	4	5	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	17	9785	04	508	00	00	84	7	02	2	0	0	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	20	9781	03	508	00	00	84	7	02	2	0	0	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	23	9782	02	506	09	03	84	7	02	2	0	0	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20	02	9782	508	513	13	25	84	5	36	3	0	0	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	05	9775	513	518	13	32	84	4	36	3	0	0	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	08	9773	504	514	13	18	84	1	02	3	0	0	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	11	9771	501	510	11	24	84	1	02	3	0	0	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	14	9779	03	508	09	18	84	0	02	3	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	17	9792	01	511	14	03	84	1	02	3	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	20	9799	502	512	10	17	87	0	02	3	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	23	9803	507	515	13	21	87	0	02	3	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
21	02	9808	506	513	12	26	87	0	36	3	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	05	9814	507	515	12	23	87	0	36	3	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	08	9819	504	513	12	22	87	0	36	3	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	11	9820	501	510	11	23	87	0	36	3	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	14	9829	03	510	09	12	87	1	02	3	0	0	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	17	9834	03	508	07	07	87	1	02	3	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	20	9844	501	509	00	00	87	0	02	3	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	23	9855	508	514	13	23	87	0	02	3	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22	02	9864	511	517	13	28	87	0	02	3	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	05	9873	512	518	14	24	89	0	36	3	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	08	9883	504	513	14	16	87	1	02	3	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	11	9893	503	513	00	00	87	4	02	1	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	14	9904	502	511	00	00	87	1	02	1	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	17	9915	501	510	00	00	87	1	02	0	0	0	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	20	9921	501	511	10	08	87	1	02	0	0	0	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	23	9929	505	515	11	17	87	1	02	0	0	0	9	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	02	9933	505	515	12	15	87	4	03	1	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	05	9931	506	514	12	23	84	8	36	3	0	0	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	08	9929	503	512	11	25	82	8	36	3	0	0	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	11	9934	02	508	09	16	82	8	02	3	0	0	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	14	9932	02	505	04	16	80	8	02	3	0	0	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	17	9934	01	506	05	11	82	8	02	2	1	0	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	20	9934	500	508	04	12	80	8	02	2	2	0	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	23	9927	02	506	02	11	90	7	02	2	0	0	9	1	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	02	9920	03	505	11	17	80	8	02	2	0	0	9	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05	9920	04	506	09	22	82	5	02	0	0	0	9	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08	9915	08	503	09	22	82	5	02	0	0	0	9	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11	9914	09	504	00	00	84	6	02	0	0	0	9	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14	9907	10	503	00	00	84	7	02	0	0	0	9	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17	9894	10	503	20	03	84	7	02	0	0	0	9	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20	9878	09	500	00	00	84	7	02	0	0	0	9	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23	9859	07	505	13	20	84	4	02	2	0	0	9	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	02	9858	06	507	00	00	84	7	03	2	0	0	9	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05	9824	05	507	00	00	84	7	02	2	0	0	9																

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LOCAL STANDARD TIME	STATION LEVEL PRESSURE mb x 10 ⁻¹	TEMPERATURES				SURFACE WIND		PRESENT WEATHER										LOW CLOUD		MIDDLE CLOUD		HIGH CLOUD		DIRECTION OF CLOUD MOVEMENT		MAXIMUM WIND GUST		EXTREME TEMPERATURES	
		DAY	HOUR	DRY BULB °F	WET BULB °F	DEW POINT °F	STATION LEVEL PRESSURE mb x 10 ⁻¹	DIRECTION °x 10	SPEED kt	VISIBILITY mi	CLOUD AMOUNT Oktas	PAST WEATHER ww	AMOUNT Oktas	TYPE C _L	BASE h	C _M	C _H	D _L	D _M	D _H	°x 10	kt	Anemometer Wind Run St. miles	PRECIPITATION Points	MAXIMUM °F	MINIMUM °F			
				DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION °x 10	SPEED kt	VV	WW	Oktas	ww	Oktas	C _L	h	C _M	C _H	D _L	D _M	D _H	°x 10	kt	St. miles	Points	MAXIMUM °F	MINIMUM °F			
28	02	9881	501				510	15	30	74	7	36	2	0	0	8	3	0	1	6									
	05	9880	503				512	22	82	82	5	36	3	0	0	8	3	0	5	6	6								
	08	9879	03				512	11	14	84	11	01	1	0	0	9	0	0	5	6	6								
	11	9872	06				511	11	18	84	2	03	0	0	0	9	0	0	5	6	6								
	14	9871	06				511	36	04	84	2	02	0	0	0	9	0	0	5	6	6								
	17	9862	08				507	08	10	84	5	02	1	0	0	9	0	0	5	6	6								
	20	9855	03				508	11	20	84	6	02	1	0	0	9	1	1	6	6	7	7	13	38	326	09	504		
	23	9848	03				511	09	21	84	6	02	2	0	0	9	1	1	6	7	7								
29	02	9840	02				509	11	31	84	6	02	2	0	0	9	2	2	8	2	2	8	1						
	05	9832	02				508	11	35	84	7	02	2	1	0	9	2	2	1	1	1	1							
	08	9819	05				504	11	38	58	7	36	3	0	0	5	2	2	1	1	1	1							
	11	9810	12				00	11	31	65	8	36	3	0	0	8	2	2	1	1	1	1							
	14	9799	14				02	09	29	74	8	05	3	0	0	8	2	2	1	1	1	1							
	17	9781	15				05	11	25	74	7	15	2	4	6	6	2	2	2	2	2	2							
	20	9764	14				03	11	34	82	7	02	7	6	6	6	2	2	2	2	2	2							
	23	9756	14				03	11	31	82	8	15	2	4	6	6	2	2	2	2	2	2							
30	02	9739	15				03	11	34	92	8	36	3	8	8	6	7	2	2	2	2	2							
	05	9726	15				02	11	34	94	8	36	3	8	8	6	7	2	2	2	2	2							
	08	9715	16				07	11	29	04	8	70	3	8	8	6	7	2	2	2	2	2							
	11	9707	20				09	10	30	48	8	36	3	7	8	6	5	1	2	2	2	2							
	14	9698	22				12	11	30	58	8	02	7	5	5	6	5	1	2	2	2	2							
	17	9696	21				11	11	33	56	8	02	3	3	3	5	5	1	2	2	2	2							
	20	9703	21				12	11	41	58	8	70	3	8	8	6	6	2	2	2	2	2							
	23	9707	20				10	11	38	66	8	02	7	7	6	6	6	2	2	2	2	2							
31	02	9713	19				10	11	47	66	6	01	2	3	6	6	2	2	2	2	2	2							
	05	9763	17				10	11	26	65	8	36	2	2	2	6	6	1	2	2	2	2							
	08	9768	19				09	11	32	74	8	02	2	2	2	6	6	1	2	2	2	2							
	11	9777	24				13	11	29	80	5	02	2	1	1	6	6	7	2	2	2	2							
	14	9788	25				12	08	28	82	7	02	2	1	1	6	6	7	2	2	2	2							
	17	9792	23				12	09	27	90	8	14	7	6	6	6	1	2	2	2	2	2							
	20	9790	21				09	09	21	80	7	14	2	2	2	5	5	3	0	2	2	2							
	23	9782	19				04	11	28	82	4	01	2	2	2	5	5	3	0	2	2	2							

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LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE mb $\times 10^{-1}$	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN		EXTREME TEMPERATURES						
				DRY BULB °F	WET BULB °F	DEP POINT °F	DIRECTION °x 10	KILOMETERS KT				W Dktas	WW Dktas	W Dktas	C _L	Type	Low Amount	C _M	C _H	D _L	D _M	D _H	Direction °x 10	Speed KT	St. miles	Points	MAX =F	MIN =F
01	02	9779	17																									
05		9775	12																									
08		9780	13																									
11		9783	19																									
14		9798	20																									
17		9811	20																									
20		9821	18																									
23		9838	14																									
02	02	9847	14																									
05		9846	12																									
08		9865	16																									
11		9875	21																									
14		9888	23																									
17		9896	22																									
20		9896	21																									
23		9898	13																									
02	02	9885	06																									
05		9872	08																									
08		9864	15																									
11		9868	15																									
14		9872	19																									
17		9876	20																									
20		9895	16																									
23		9903	11																									
02	02	9907	12																									
05		9907	11																									
08		9917	15																									
11		9943	23																									
14		9964	28																									
17		9973	29																									
20		9990	27																									
23		9999	27																									
02	02	10014	27																									
05		10018	27																									
08		10013	27																									
11		9995	28																									
14		9984	30																									
17		9974	26																									
20		9963	25																									
23		9951	24																									
02	02	9954	23																									
05		9926	22																									
08		9920	23																									
11		9893	23																									
14		9883	23																									
17		9885	24																									
20		9887	23																									
23		9886	23																									
02	02	9879	21																									
05		9869	22																									
08		9865	23																									
11		9855	24																									
14		9845	25																									
17		9838	27																									
20		9841	23																									
23		9851	22																									
02	02	9853	20																									
05		9874	20																									
08		9880	23																									
11		9891	24																									
14		9905	24																									
17		9901	22																									
20		9894	19																									
23		9865	17																									
02		9848	15																									
05		9825	14																									
08		9797	16																									
11		9790	19																									
14		9770	20																									
17		9761	19																									
20		9751	15																									
23		9748	13																									

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LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE mb $\times 10^{-1}$	TEMPERATURES			SURFACE WIND			LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			EXTREME TEMPERATURES							
				DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION = x 10 kt	SPEED VV	CLOUD AMOUNT OKtas	PAST WEATHER WW	PRESENT WEATHER Oktas	C _L TYPE	C _M BASE	C _H HIGH CLOUD	D _L LOW	D _M MIDDLE	D _H HIGH	DIRECTION = x 10 kt	SPEED St. miles	ANEMOMETER WIND RUN Points	PRECIPITATION	MAXIMUM °F	MINIMUM °F			
				mb $\times 10^{-1}$	°F	°F	= x 10	kt	VV	Oktas	WW	Oktas				D _L	D _M	D _H	kt	St. miles	Points					
10	05	9748	17				0.4	13	33	8.0	8	0.2														
	08	9751	18				0.5	13	32	8.0	8	0.2														
	11	9761	19				0.9	13	30	5.6	8	0.5														
	14	9772	22				1.1	13	31	7.4	7	1.5	2 0 0	0 0 0	0 0 0	0	8	7	2	2	9					
	17	9782	23				1.0	12	27	7.4	8	1.5	2 0 0	0 0 0	0 0 0	0	8	2	2	2	5					
	20	9791	19				0.7	13	29	8.0	6	1.4	2 2 2	0 0 0	0 0 0	0	6	6	0	0	5					
	23	9791	18				0.5	13	35	8.0	7	1.5	2 4	2 4	2 4	2	2	2	2	2	5	13				
	02	9790	18				0.3	13	38	8.4	8	0.2	2	5	6	6	0	0	0	0	0					
	05	9788	15				0.2	13	38	8.4	4	0.3	1	1	5	5	6	1	1	2	4	3				
	08	9779	18				0.5	13	31	8.4	5	0.1	1	2	5	6	7	0	0	0	0					
11	11	9767	23				0.9	13	25	8.4	8	0.3	1	1	7	5	6	0	0	0	0					
	14	9760	24				1.2	12	26	8.0	8	1.5	2 3 3	0 0 0	0 0 0	0	6	6	0	0	0	0				
	17	9754	25				1.2	12	21	8.4	8	1.4	2 2 2	0 0 0	0 0 0	0	6	6	0	0	0	0				
	20	9749	23				0.7	13	20	8.4	7	1.4	1 1 1	0 0 0	0 0 0	0	5	5	0	0	0	0				
	23	9734	15				0.1	16	19	8.4	4	0.3	1	1	1	1	1	1	1	1	50	745	25 13			
	02	9725	11				5.0	2	16	25	8.4	1	0.1	1	1	1	0	0	0	0	0	0				
	05	9719	09				5.0	4	16	27	8.7	1	0.2	2	5	6	6	0	0	0	0	0				
	08	9711	16				0.1	15	21	8.7	1	0.2	2 0 0	0 0 0	0 0 0	0	7	7	0	0	0	0				
	11	9731	20				0.3	13	15	8.7	1	0.2	2 0 0	0 0 0	0 0 0	0	7	7	0	0	0	0				
	14	9758	20				0.6	04	05	8.7	1	0.3	2 0 0	0 0 0	0 0 0	0	7	7	0	0	0	0				
12	20	9802	20				0.8	23	28	8.7	2	0.2	2 0 0	0 0 0	0 0 0	0	6	6	0	0	0	0				
	23	9850	14				0.7	13	24	8.7	2	0.2	1 1 1	0 0 0	0 0 0	0	5	5	0	0	0	0				
	02	9858	12				5.0	2	13	29	8.7	0	0.1	0	0	0	0	0	0	0	0	0				
	05	9884	10				5.0	2	13	29	8.7	0	0.2	0	0	0	0	0	0	0	0	0				
	08	9906	15				0.1	15	25	8.7	0	0.2										0.9				
	11	9927	23				0.7	11	14	8.7	1	0.3	2 0 0	0 0 0	0 0 0	0	7	7	0	0	0	0				
	14	9939	23				0.8	03	10	8.9	1	0.2	2 0 0	0 0 0	0 0 0	0	7	7	0	0	0	0				
	17	9950	25				0.9	11	09	8.9	7	0.3	2 0 0	0 0 0	0 0 0	0	7	7	0	0	0	0				
	20	9954	22				0.9	11	11	8.4	5	0.3	2 0 0	0 0 0	0 0 0	0	6	6	0	0	0	0				
	23	9955	19				0.7	12	17	8.4	7	0.2	2 0 0	0 0 0	0 0 0	0	5	5	0	0	0	0				
14	02	9950	17				0.4	13	23	8.2	5	0.1	2	2	2	7	1	1	6	5	5	41	399	25 10		
	05	9927	15				0.3	12	31	8.2	5	0.2	2 1	2 1	2 1	7	1	1	6	5	5	8				
	08	9904	18				0.6	10	23	8.0	8	0.3	2 0 0	0 0 0	0 0 0	0	6	6	1	1	1	1				
	11	9877	21				0.9	07	10	8.0	8	0.2	2 0 0	0 0 0	0 0 0	0	5	5	1	1	1	1				
	14	9845	23				1.2	09	24	8.0	8	0.5	2 0 0	0 0 0	0 0 0	0	6	6	2	2	2	2				
	17	9816	24				1.1	11	25	8.0	8	0.2	2 1	2 1	2 1	7	1	1	6	5	5	45	374	24 15		
	20	9800	21				1.0	12	31	8.2	8	0.2	2 0 0	0 0 0	0 0 0	0	6	6	2	2	2	2				
	23	9778	19				0.7	13	31	8.2	8	0.2	2 0 0	0 0 0	0 0 0	0	5	5	2	2	2	2				
	02	9755	19				0.7	13	31	8.2	8	0.1	2 0 0	0 0 0	0 0 0	0	6	6	2	2	2	2				
	05	9744	19				0.7	12	34	8.0	8	0.3	2 0 0	0 0 0	0 0 0	0	6	6	1	1	1	1				
15	08	9731	20				0.9	12	34	8.0	8	0.2	2 0 0	0 0 0	0 0 0	0	6	6	1	1	1	1				
	11	9723	23				1.1	11	39	8.0	8	0.3	2 0 0	0 0 0	0 0 0	0	6	6	1	1	1	1				
	14	9719	24				1.1	11	39	8.2	0	0.2	2 0 0	0 0 0	0 0 0	0	6	6	1	1	1	1				
	17	9716	19				1.1	12	55	8.1	0	0.1	2 0 0	0 0 0	0 0 0	0	5	5	2	2	2	2				
	20	9721	18				1.7	12	54	8.0	0	0.3	2 0 0	0 0 0	0 0 0	0	5	5	2	2	2	2				
	23	9726	17				1.6	13	54	8.0	0	0.3	2 0 0	0 0 0	0 0 0	0	5	5	2	2	2	2				
	02	9735	17				1.6	13	54	8.0	0	0.0	2 0 0	0 0 0	0 0 0	0	5	5	2	2	2	2				
	05	9754	18				1.8	13	52	8.0	0	0.3	2 0 0	0 0 0	0 0 0	0	5	5	2	2	2	2				
	08	9773	18				1.8	13	51	0	0	0.0	2 0 0	0 0 0	0 0 0	0	5	5	2	2	2	2				
	11	9787	21				2.0	12	50	0	0	0.0	2 0 0	0 0 0	0 0 0	0	5	5	2	2	2	2				
16	14	9813	22				2.1	13	51	0	0	0.0	2 0 0	0 0 0	0 0 0	0	5	5	2	2	2	2				
	17	9834	22				2.1	12	45	0	0	0.0	2 0 0	0 0 0	0 0 0	0	5	5	2	2	2	2				
	20	9850	23				1.3	12	45	1.6	7	3	3	3	3	3	0	0	0	0	0	69	1181	25 17		
	23	9855	23				1.0	12	43	5.8	8	3	3	3	3	3	0	0	0	0	0					
	02	9846	17				0.4	12	52	6.6	4	3	3	3	3	3	0	0	0	0	0	0				
	05	9866	22				0.5	13	35	8.0	7	0	0.3	2 0 0	0 0 0	0 0 0	0	5	5	2	2	2	2			
	08	9864	24				0.6	13	29	8.0	7	0	0.2	2 0 0</												

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE		TEMPERATURES			SURFACE WIND		VISIBILITY			LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN		PRECIPITATION		EXTREME TEMPERATURES			
DAY	HOUR	lb x 10 ⁻³	°F	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	Oktas	VV	PAST WEATHER	CLOUD AMOUNT	PRESENT WEATHER	CLOUD TYPE	C _L	C _M	C _H	D _L	D _M	D _H	DIR. +x 10	kt	St.miles	Points	°F	°F	
19	02	9847	17	23	13	30	82	7	02	2	1	5	7	1	5	6	6	2	2	2	2	2	2	2	2	2	2
	05	9849	20	27	13	30	82	8	02	2	2	5	7	1	5	6	6	2	2	2	2	2	2	2	2	2	
	08	9851	23	11	12	25	80	8	02	2	2	5	7	1	5	6	6	2	2	2	2	2	2	2	2	2	
	11	9858	26	13	12	29	82	7	02	2	2	4	5	6	6	4	2	2	2	2	2	2	2	2	2	2	
	14	9863	29	17	13	25	82	6	15	15	5	5	6	5	4	2	2	2	2	2	2	2	2	2	2	2	
	17	9862	30	17	13	29	82	7	14	2	1	5	5	7	1	5	6	6	2	2	2	2	2	2	2	2	
	20	9861	26	15	13	25	80	6	14	2	1	5	5	6	1	5	6	6	2	2	2	2	2	2	2	2	
	23	9857	26	15	13	22	82	6	14	2	3	5	5	6	0	5	6	6	2	2	2	2	2	2	2	2	
20	02	9843	25	13	13	25	82	7	14	2	2	5	5	5	2	3	2	2	2	2	2	2	2	2	2	2	
	05	9844	24	13	15	14	80	8	15	2	2	3	6	7	2	3	2	2	2	2	2	2	2	2	2	2	
	08	9840	27	14	09	09	80	7	02	2	2	2	6	6	2	2	2	2	2	2	2	2	2	2	2	2	
	11	9837	28	14	09	06	84	7	02	2	2	2	6	6	3	2	2	2	2	2	2	2	2	2	2	2	
	14	9831	29	15	09	11	84	7	15	2	1	5	7	7	2	3	3	3	3	3	3	3	3	3	3	3	
	17	9828	28	16	09	07	84	7	02	2	1	1	5	5	3	2	3	3	3	3	3	3	3	3	3	3	
	20	9826	27	16	12	15	84	7	02	2	1	5	5	6	3	3	3	3	3	3	3	3	3	3	3	3	
	23	9830	24	10	13	18	84	7	02	2	1	5	6	3	0	3	3	3	3	3	3	3	3	3	3	3	
21	02	9834	19	07	13	27	84	6	02	2	0	0	8	3	0	4	4	4	4	4	4	4	4	4	4	4	
	05	9849	19	05	13	30	84	7	02	2	0	0	8	3	0	5	5	5	5	5	5	5	5	5	5	5	
	08	9855	19	07	13	31	84	4	01	2	0	0	8	7	0	5	5	5	5	5	5	5	5	5	5	5	
	11	9868	25	12	12	24	84	6	02	2	1	1	6	6	1	2	2	2	2	2	2	2	2	2	2	2	
	14	9881	27	13	09	21	84	7	02	2	1	1	6	6	1	1	2	2	2	2	2	2	2	2	2	2	
	17	9897	26	15	03	09	82	7	02	2	1	1	6	6	1	1	2	2	2	2	2	2	2	2	2	2	
	20	9906	24	16	23	05	84	7	02	2	1	1	6	6	3	0	3	3	3	3	3	3	3	3	3	3	
	23	9917	23	14	13	08	84	8	02	2	1	5	7	2	0	3	3	3	3	3	3	3	3	3	3	3	
22	02	9929	24	12	11	17	84	8	02	2	0	0	8	2	0	1	2	2	2	2	2	2	2	2	2	2	
	05	9934	23	11	13	14	80	8	02	2	0	0	8	2	0	1	2	2	2	2	2	2	2	2	2	2	
	08	9941	23	12	12	17	80	8	02	2	0	0	8	2	0	1	2	2	2	2	2	2	2	2	2	2	
	11	9952	27	14	10	11	80	8	02	2	0	0	8	2	0	1	2	2	2	2	2	2	2	2	2	2	
	14	9961	27	15	04	03	82	8	02	2	0	0	8	2	0	1	2	2	2	2	2	2	2	2	2	2	
	17	9960	29	16	13	20	84	7	02	2	0	0	8	2	0	1	2	2	2	2	2	2	2	2	2	2	
	20	9969	26	16	12	16	84	7	02	2	0	0	8	2	0	1	2	2	2	2	2	2	2	2	2	2	
	23	9974	25	13	11	17	84	7	02	2	0	0	8	2	0	1	2	2	2	2	2	2	2	2	2	2	
23	02	9976	23	12	13	15	82	7	02	2	2	2	6	6	2	0	2	2	2	2	2	2	2	2	2	2	
	05	9970	22	11	13	17	84	7	02	2	2	2	6	7	0	0	2	2	2	2	2	2	2	2	2	2	
	08	9967	24	12	13	19	84	3	02	2	1	0	8	7	0	0	2	2	2	2	2	2	2	2	2	2	
	11	9969	28	13	10	15	87	6	03	2	1	0	8	7	0	0	2	2	2	2	2	2	2	2	2	2	
	14	9968	28	15	05	11	87	5	02	2	1	1	1	6	7	0	2	2	2	2	2	2	2	2	2	2	
	17	9969	27	16	04	09	87	5	01	2	1	1	1	6	7	0	2	2	2	2	2	2	2	2	2	2	
	20	9965	26	16	00	00	87	1	01	2	0	0	9	3	0	0	2	2	2	2	2	2	2	2	2	2	
	23	9964	22	14	15	08	87	1	02	0	0	0	9	3	0	0	2	2	2	2	2	2	2	2	2	2	
24	02	9960	18	09	16	18	87	0	02	0	0	0	9	0	0	0	2	2	2	2	2	2	2	2	2	2	
	05	9946	15	04	16	21	87	1	02	0	1	0	9	0	0	0	2	2	2	2	2	2	2	2	2	2	
	08	9937	21	06	14	19	87	1	02	0	1	0	9	0	0	0	2	2	2	2	2	2	2	2	2	2	
	11	9930	26	10	08	08	87	1	02	0	1	0	9	0	0	0	2	2	2	2	2	2	2	2	2	2	
	14	9928	26	12	05	04	87	1	02	0	1	0	9	0	0	0	2	2	2	2	2	2	2	2	2	2	
	17	9920	25	13	07	03	87	1	02	0	1	0	9	0	0	0	2	2	2	2	2	2	2	2	2	2	
	20	9915	25	12	00	00	84	1	02	0	1	0	9	0	0	0	2	2	2	2	2	2	2	2	2	2	
	23	9916	20	09	13	17	84	3	03	1	0	0	9	4	0	0	2	2	2	2	2	2	2	2	2	2	
25	02	9914	18	04	15	16	84	0	02	0	0	0	9	0	0	0	2	2	2	2	2	2	2	2	2	2	
	05	9912	16	02	16	23	84	7	03	2	0	0	9	3	0	0	2	2	2	2	2	2	2	2	2	2	
	08	9910	20	05	13	23	84	1	03	2	0	0	9	3	0	0	2	2	2	2	2	2	2	2	2	2	
	11	9915	23	08	13	23	84	1	02	2	0	0	9	3	0	0	2	2	2	2	2	2	2	2	2	2	
	14	9925	25	09	12	22	84	1	03	2	0	0	9	0	0	0	2	2	2	2	2	2	2	2	2	2	
	17	9936	25	07	13	17	84	2	03	2	0	0	9	7	0	0	2	2	2	2	2	2	2	2	2	2	
	20	9946	22	10	13	16	84	3	02	2	0	0	9	9	0	0	2	2	2	2	2	2	2	2	2	2	
	23	9958	17	05	13	26	84	3	03	1	0	0	9	8	7	0	2	2	2	2	2	2	2	2	2	2	
26	02	9967	15	03	16	21	84	3	02	2	0	0	9	3	0	0	2	2									

Results of Surface Observations,
MAWSON NOV 1962

DAY	HOUR	LOCAL STANDARD TIME	STATION LEVEL PRESSURE mb $\times 10^{-1}$	TEMPERATURES			SURFACE WIND		VISIBILITY mi	PRESENT WEATHER			LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN St.miles	PRECIPITATION Points	EXTREME TEMPERATURES			
				DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION ° x 10	SPEED kt		PAST WEATHER Oktas	AMOUNT C _L	TYPE h	C _M	C _H	D _L	D _M	D _H	LOW DIRECTION ° x 10	MIDDLE DIRECTION ° x 10	HIGH DIRECTION ° x 10	kt	mi	MAXIMUM °F	MINIMUM °F		
				mm	mm	mm	mm	mm		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	MAXIMUM °F	MINIMUM °F			
28	02	10015	17	35	24	24	14	24	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	7	31	17	
	05	10014	19	35	24	24	14	24	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	7	31	17	
	08	10018	21	35	24	24	14	24	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	7	7	31	17	
	11	10030	26	35	24	24	12	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	7	7	31	17
	14	10033	30	35	24	24	15	09	17	15	15	15	15	15	15	15	15	15	15	15	15	15	7	7	31	17
	17	10037	27	35	24	24	15	07	17	15	15	15	15	15	15	15	15	15	15	15	15	15	7	7	31	17
	20	10036	26	35	24	24	17	09	08	17	17	17	17	17	17	17	17	17	17	17	17	17	7	7	31	17
	23	10024	21	35	24	24	18	12	20	18	18	18	18	18	18	18	18	18	18	18	18	18	6	6	31	17
29	02	10000	18	35	24	24	16	13	38	35	35	35	35	35	35	35	35	35	35	35	35	35	6	6	31	17
	05	9994	21	35	24	24	16	13	35	35	35	35	35	35	35	35	35	35	35	35	35	35	6	6	31	17
	08	9952	23	35	24	24	14	13	48	30	30	30	30	30	30	30	30	30	30	30	30	30	5	5	31	17
	11	9941	26	35	24	24	16	12	45	35	35	35	35	35	35	35	35	35	35	35	35	35	5	5	31	17
	14	9945	27	35	24	24	17	15	36	34	34	34	34	34	34	34	34	34	34	34	34	34	5	5	31	17
	17	9910	27	35	24	24	20	15	39	35	35	35	35	35	35	35	35	35	35	35	35	35	5	5	31	17
	20	9888	25	35	24	24	22	15	44	31	31	31	31	31	31	31	31	31	31	31	31	31	5	5	27	18
	23	9873	25	35	24	24	21	15	45	31	31	31	31	31	31	31	31	31	31	31	31	31	5	5	27	18
30	02	9882	25	35	24	24	18	15	43	35	35	35	35	35	35	35	35	35	35	35	35	35	6	6	33	23
	05	9873	29	35	24	24	11	15	44	30	30	30	30	30	30	30	30	30	30	30	30	30	5	5	33	23
	08	9867	30	35	24	24	11	15	41	30	30	30	30	30	30	30	30	30	30	30	30	30	5	5	33	23
	11	9877	30	35	24	24	17	15	31	30	30	30	30	30	30	30	30	30	30	30	30	30	5	5	33	23
	14	9876	33	35	24	24	20	15	29	34	34	34	34	34	34	34	34	34	34	34	34	34	5	5	33	23
	17	9871	34	35	24	24	18	15	25	34	34	34	34	34	34	34	34	34	34	34	34	34	5	5	33	23
	20	9873	30	35	24	24	15	00	00	34	34	34	34	34	34	34	34	34	34	34	34	34	5	5	33	23
	23	9860	24	35	24	24	09	15	29	34	34	34	34	34	34	34	34	34	34	34	34	34	5	5	33	23

Results of Surface Observations,
MAWSON DEC 1962

LOCAL STANDARD TIME	STATION LEVEL PRESSURE		TEMPERATURES			SURFACE WIND		VISIBILITY			CLOUD AMOUNT			PRESENT WEATHER			LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN		PREP. TEMPERATURES		
			DRY BULB $\times 10^{-1}$	WET BULB $\times 10^{-1}$	DEWPPOINT $\times 10^{-1}$	DIRECTION $^{\circ} \times 10$	SPEED ft/sec	VISIBILITY Okta	WW	WE	OKTA	TYPE	LOW CLOUD BASE	MIDDLE CLOUD C _L	HIGH CLOUD C _H	D _L	D _M	D _H	DIRECTION $^{\circ} \times 10$	KT	MILES	POINTS	MAXIMUM F $^{\circ}$	MINIMUM F $^{\circ}$					
	DAY	HOUR																											
01	02	9847	19	05	06	13	31	84	1	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	05	9831	19	08	05	13	35	84	1	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	08	9823	24	11	08	14	33	87	2	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	11	9811	28	14	11	13	18	87	3	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	14	9793	31	17	12	14	25	87	3	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	17	9782	32	20	11	13	18	87	3	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	20	9779	27	23	11	10	17	87	6	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	06	9779	22	06	10	08	87	2	01	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
02	02	9761	19	05	05	15	23	87	0	01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	05	9748	19	08	05	13	20	87	1	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	11	9756	26	14	07	11	16	87	2	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	17	9746	30	20	14	09	16	87	3	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	23	9733	24	18	11	21	87	5	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	18	9739	25	23	13	34	42	15	8	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	05	9750	25	08	24	14	35	56	8	38	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	11	9752	29	14	24	14	39	56	8	73	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	17	9768	30	20	25	14	45	80	8	70	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	23	9750	26	19	14	31	38	56	8	38	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	19	9805	27	19	14	31	80	8	22	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
04	02	9803	27	05	19	15	39	80	8	15	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	08	9810	28	08	16	12	28	80	8	15	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	11	9812	30	16	11	24	80	7	14	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	17	9813	34	18	11	17	82	7	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	23	9803	36	18	12	16	84	6	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	17	9796	36	20	10	15	84	4	01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	23	9787	33	21	11	07	84	4	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	14	9779	26	14	14	22	84	5	03	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
05	02	9775	23	11	15	20	84	4	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	05	9771	25	11	15	19	84	5	03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	08	9771	30	16	15	14	84	4	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	11	9765	34	17	14	19	84	4	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	17	9774	35	19	00	00	84	4	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	23	9785	35	19	00	00	84	4	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	21	9791	35	15	00	00	84	5	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	15	9801	28	15	14	23	84	5	03	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
06	02	9810	24	09	09	14	31	84	5	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	05	9818	24	09	13	31	84	5	02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	08	9828	26	12	13	27	84	5	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	11	9855	32	17	10	17	84	5	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	17	9847	32	19	30	04	87	7	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	23	9851	31	20	26	05	84	7	03	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	21	9850	33	21	08	07	84	7	14	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	22	9855	31	22	05	07	84	7	14	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
07	02	9861	31	21	13	15	80	8	14	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	05	9864	29	19	13	17	80	8	14	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	08	9866	29	15	12	15	80	8	16	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	11	9868	31	19	00	00	82	8	16	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	14	9864	32	21	12	25	06	82	8	02	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	17	9863	34	21	22	02	82	8	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	20	9863	31	25	07	06	82	5	03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	23	9872	27	19	13	17	82	4	01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08	02	9877	25	14	14	25	82	2	03	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	05	9884	24	11	14	29	84	6	03	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	08	9885	28	16	13	27	84	6	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	11	9891	33	19	12	33	82	7	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	14	9899	34	23	10	26	82	7	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	17	9909	33	21	10	24	82	8	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	20	9920	32	26	09	14	82</td																						

Results of Surface Observations,
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LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE mb x 10 ⁻¹	TEMPERATURES			SURFACE WIND		PRESENT WEATHER	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		PRECEPITATION	EXTREME TEMPERATURES					
				DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION °x 10	KILOMETERS KT		VISIBILITY MM	CLOUD AMOUNT OKtas	PAST WEATHER	C _L TYPE	C _M AMOUNT	C _H TYPE	D _L LOW	D _M MIDDLE	D _H HIGH	DIRECTION °x 10	KILOMETERS KT	ANEMOMETER WIND RUN STATUTE MILES SMILES	MAXIMUM -i	MINIMUM -i	
																			POINTS					
10	02	9866	29	13	16	20	84	0	02	0	0	0	0	0	0	0	0	2	5	14	45	369	36	24
	05	9850	25	10	13	32	84	1	02	0	0	0	0	0	0	0	0	0	0	0	0	0		
	08	9839	29	13	13	26	84	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0		
	11	9830	34	17	09	17	84	1	02	0	0	0	0	0	0	0	0	0	0	0	0	0		
	14	9823	34	18	04	09	84	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0		
	17	9814	33	17	09	20	84	1	03	0	0	0	0	0	0	0	0	0	0	0	0	0		
	20	9809	30	16	13	23	84	1	02	0	0	0	0	0	0	0	0	0	0	0	0	0		
	23	9813	26	14	13	19	84	2	15	0	0	0	0	0	0	0	0	0	0	0	0	0		
11	02	9816	24	13	13	19	84	7	03	2	7	4	5	3	3	3	3	3	14	45	369	36	24	
	05	9811	25	15	13	18	84	7	03	2	7	4	6	2	2	2	2	2	0	0	0	0		
	08	9809	27	16	13	21	84	8	02	2	3	5	6	7	2	2	2	2	0	0	0	0		
	11	9807	28	16	13	26	84	8	02	2	3	5	6	7	2	2	2	2	0	0	0	0		
	14	9807	30	20	12	25	82	8	22	7	4	5	6	7	2	2	2	2	0	0	0	0		
	17	9810	31	18	12	15	82	8	15	2	2	5	6	7	2	2	2	2	0	0	0	0		
	20	9810	29	18	13	22	82	7	02	2	3	5	6	7	2	2	2	2	0	0	0	0		
12	02	9784	27	15	13	42	74	8	02	2	4	6	5	6	1	2	2	2	0	0	0	0	32	25
	05	9782	26	17	13	45	66	8	70	7	3	5	6	7	2	2	2	2	0	0	0	0		
	08	9793	27	20	13	41	74	7	15	7	1	2	2	2	0	0	0	0	0	0	0	0		
	11	9803	29	19	13	36	74	7	22	2	2	2	2	2	0	0	0	0	0	0	0	0		
	14	9816	30	21	13	39	74	6	15	7	2	2	2	2	0	0	0	0	0	0	0	0		
	17	9829	28	23	13	38	32	8	70	7	0	0	0	0	0	0	0	0	0	0	0	0		
	20	9842	28	21	13	34	80	8	02	2	1	2	2	2	0	0	0	0	0	0	0	0		
13	02	9870	26	20	15	30	74	7	02	2	7	5	6	7	2	2	2	2	0	0	0	0	35	26
	05	9881	27	18	13	26	80	7	02	2	3	5	6	7	2	2	2	2	0	0	0	0		
	08	9881	30	18	13	25	84	5	01	1	2	5	7	8	2	2	2	2	0	0	0	0		
	11	9883	31	20	13	25	82	8	15	2	1	2	2	2	0	0	0	0	0	0	0	0		
	14	9881	34	21	11	22	82	8	15	2	2	2	2	2	0	0	0	0	0	0	0	0		
	17	9879	33	21	10	17	82	8	15	2	2	2	2	2	0	0	0	0	0	0	0	0		
	20	9879	30	23	09	10	66	8	15	2	3	5	6	7	2	2	2	2	0	0	0	0		
14	02	9884	27	18	13	15	74	7	15	2	4	6	5	6	2	2	2	2	0	0	0	0	35	26
	05	9886	26	14	12	17	80	7	15	2	2	2	2	2	0	0	0	0	0	0	0	0		
	08	9885	29	16	11	13	82	7	01	2	2	2	2	2	0	0	0	0	0	0	0	0		
	11	9883	34	20	11	18	84	8	02	2	2	2	2	2	0	0	0	0	0	0	0	0		
	14	9884	34	21	05	09	84	6	02	2	1	2	2	2	0	0	0	0	0	0	0	0		
	17	9885	33	21	07	06	84	7	02	2	3	5	7	1	1	2	2	2	0	0	0	0		
	20	9883	31	22	26	05	84	7	02	2	3	4	7	7	2	2	2	2	0	0	0	0		
15	02	9895	26	16	15	17	84	6	02	2	1	5	6	7	2	2	2	2	0	0	0	0	33	26
	05	9888	27	15	13	21	84	7	02	2	1	5	6	7	2	2	2	2	0	0	0	0		
	08	9883	29	18	11	14	84	7	02	2	1	5	6	7	2	2	2	2	0	0	0	0		
	11	9873	32	19	11	21	82	7	15	2	1	5	7	7	2	2	2	2	0	0	0	0		
	14	9870	31	22	11	24	80	7	70	7	3	5	6	7	2	2	2	2	0	0	0	0		
	17	9863	32	23	12	21	74	6	15	7	3	5	6	7	2	2	2	2	0	0	0	0		
	20	9856	29	24	10	27	66	8	70	7	3	5	6	7	2	2	2	2	0	0	0	0		
16	02	9851	27	20	12	27	80	7	15	2	3	5	6	7	2	2	2	2	0	0	0	0	38	26
	05	9847	26	18	13	21	80	7	15	2	3	5	6	7	2	2	2	2	0	0	0	0		
	08	9838	28	19	12	19	80	7	02	2	2	2	2	2	0	0	0	0	0	0	0	0		
	11	9826	33	20	12	19	82	5	01	2	2	2	2	2	0	0	0	0	0	0	0	0		
	14	9814	37	23	13	20	84	5	02	2	1	2	2	2	0	0	0	0	0	0	0	0		
	17	9805	35	22	13	20	82	7	02	2	2	2	2	2	0	0	0	0	0	0	0	0		
	20	9801	31	20	14	18	82	6	15	2	3	5	6	7	2	2	2	2	0	0	0	0		
17	02	9792	29	16	13	26	82	7	02	2	3	5	6	7	2	2	2	2	0	0	0	0	39	29
	05	9784	29	15	13	25	82	7	14	2	3	5	6	7	2	2	2	2	0	0	0	0		
	08	9786	30	18	13	23	84	7	14	2	3	5	6	7	2	2	2	2	0	0	0	0		
	11	9786	35	22	12	17	80	7	15	2	3	5	6	7	2	2	2	2	0	0	0	0		
	14	9791	35	22	07	12	82	6	02	2	3	5	6	7	2	2	2	2	0	0	0	0		
	17	9791	35	22	10	17	82	7	02	2	3	5	6	7	2	2	2	2	0	0	0	0		
	20	9797	34	22	12	11	82	6	02	2	3	5	6	7	2	2	2	2	0	0	0	0		
18	02	9811	29																					

Results of Surface Observations,
MAWSON DEC., 1962

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND			VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER			LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES						
			DRY BULB		WET BULB	DEW POINT	DIRECTION	SPEED			VV	Oktas	WW	W	Oktas	C _L	h	C _M	C _H	D _L	D _M	D _H	*x10	kt	St.miles	Points	MAX	MIN		
DAY	Hour		mb x 10 ⁻¹	°F	°F	°F	* x 10	kt																						
19	02	9832	27						19	12	18	80	7	15	2	3	5	1	8	2	2	2	2	1						
	05	9831	26							13	19	65	8	70	7	2	2	5	1	8	2	2	2	2	1					
	08	9831	29							13	19	80	7	15	2	2	2	6	1	8	2	2	2	2	1					
	11	9829	51							13	23	74	6	15	2	4	6	5	2	8	2	2	2	2	1					
	14	9826	52							09	12	80	7	05	2	2	6	5	2	8	2	2	2	2	1					
	17	9850	52							08	06	80	8	05	2	2	5	5	1	5	2	2	2	1						
	20	9833	51							00	00	82	8	02	2	1	5	5	7	2	2	2	1	1						
	23	9836	50							13	18	82	7	02	2	0	0	8	1	2	2	1	13	28	311		35	26		
20	02	9844	25						11	13	24	84	6	02	2	0	0	8	5	6	0	2	1							
	05	9852	25							15	20	84	5	02	2	0	0	8	5	6	0	2	1							
	08	9856	28							14	17	84	5	02	2	1	1	5	7	7	6	2	2	1						
	11	9865	32							13	19	84	3	02	2	0	0	9	3	2	2	2	1							
	14	9878	32							26	06	84	3	02	1	0	0	9	0	1	1	1	1							
	17	9885	32							25	08	84	3	02	2	0	0	9	0	1	1	1	1							
	20	9891	32							05	06	84	2	02	1	0	0	9	3	1	2	8		328		35	24			
	23	9898	28							13	21	87	3	02	1	0	0	9	3	1	3	1	14	33						
21	02	9904	22						10	13	30	87	0	02	0	0	0	9	0	0	1	1	8		328		35	24		
	05	9909	22							13	24	87	1	02	0	0	0	9	0	0	2	1								
	08	9905	29							15	25	87	1	02	0	0	0	8	7	0	2	1								
	11	9896	33							20	11	25	87	4	03	1	1	1	5	5	4	5	5							
	14	9879	35							10	29	84	3	02	2	1	1	5	5	2	2	1								
	17	9856	34							11	30	84	8	02	2	3	5	5	2	2	1									
	20	9830	32							12	45	82	8	02	2	5	5	5	5	2	2	1								
	23	9803	30							12	50	86	8	14	2	8	6	5	5	2	2	1	12	70	356		35	21		
22	02	9798	29						24	12	43	09	8	71	7	8	6	5	5	2	2	2								
	05	9786	26							12	53	03	8	38	7	8	6	5	5	2	2	2								
	08	9768	27							13	49	01	8	38	7	8	6	5	5	2	2	2								
	11	9755	29							13	54	02	8	38	7	8	6	5	5	2	2	1								
	14	9737	27							12	35	61	8	38	7	1	7	5	5	2	2	1	8							
	17	9719	28							13	62	16	8	14	3	3	6	5	5	2	2	1								
	20	9729	26							13	50	01	8	38	7	1	2	1	6	7	2	2	8							
	23	9721	25							13	62	00	8	39	5	0	0	9	1	5	2	2	1	13	91	066		30	24	
23	02	9762	26						15	13	57	00	39	3	1	7	5	7	1	3	2	1	1							
	05	9799	29							12	40	74	6	36	3	1	7	5	7	1	3	2	1							
	08	9810	31							13	36	80	8	15	3	1	6	6	2	2	2	2	1							
	11	9818	30							29	48	8	70	7	0	0	9	2	2	2	2	2	1							
	14	9811	32							12	35	61	8	38	7	1	7	5	2	2	2	2	1							
	17	9810	33							13	29	66	8	14	7	4	6	5	5	2	2	2	1							
	20	9807	32							19	29	80	8	01	2	1	2	1	6	7	2	2	1	14	75	238		34	25	
	23	9792	32							13	34	84	5	02	2	0	0	9	0	0	2	2	1							
24	02	9775	29						07	15	44	87	5	02	2	0	0	9	1	6	2	2	1	1						
	05	9769	30							16	44	87	3	02	2	0	0	9	1	6	2	2	1							
	08	9755	34							16	46	87	1	02	0	0	0	9	0	0	2	2	1							
	11	9755	36							14	45	97	4	03	0	0	0	9	0	0	2	2	1							
	14	9774	36							15	28	87	5	02	1	0	0	9	1	8	3	3	3							
	17	9780	37							16	31	87	1	01	1	0	0	9	0	0	2	2	1							
	20	9775	34							11	47	87	1	02	0	0	0	9	0	0	2	2	1							
	23	9785	29							16	38	87	1	02	0	0	0	9	0	0	2	2	1	14	70	800		37	22	
25	02	9798	28						07	16	38	87	0	02	0	0	0	9	0	0	0	2	2							
	05	9807	28							14	35	87	0	02	0	0	0	9	3	1	2	2	4							
	08	9816	30							08	35	87	2	03	0	0	0	9	3	1	2	2	4							
	11	9823	32							11	25	87	3	02	1	0	0	9	3	0	2	2	4							
	14	9827	35							15	25	89	3	02	1	0	0	9	3	0	2	2	4							
	17	9827	35							15	21	89	2	02	0	0	0	9	3	0	2	2	4							
	20	9825	34</td																											

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND			VISIBILITY	PRESENT WEATHER	LOW CLOUD			MIDDLE CLOUD			HIGH CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB mb x 10 ⁻¹	WET BULB °F	DEW POINT °F	DIRECTION °x 10	SPEED kt	VV			AMOUNT	TYPE	BASE	C _L	C _M	C _H	D _L	D _M	D _H	DIRECTION °x 10	SPEED kt	ANEMOMETER WIND RUN St.miles	PRECIPITATION Points	MAXIMUM °F	MINIMUM °F		
			mb x 10 ⁻¹	°F	°F	°x 10	kt				Okta	ww	%	Okta	C _L	h				Okta	ww	Okta	Okta	Okta	Okta	Okta	Okta
28	02	9845	28		09	13	30	87	2	03	0	0	0	9	0	5	1	6	6	6	6	6	317		36	25	
	05	9829	26		08	13	38	84	6	03	1	0	0	9	7	1	6	6	6	6	6	6					
	08	9829	27		10	13	34	84	7	02	2	0	0	9	9	1	2	2	2	2	2	2					
	11	9840	33		15	12	33	94	7	02	0	0	0	9	9	7	1	2	2	2	2	2					
	14	9863	35		16	10	19	84	7	02	0	0	0	9	9	7	1	2	2	2	2	2					
	17	9882	34		19	07	11	84	7	14	0	0	0	9	9	7	1	2	2	2	2	2					
	20	9892	32		20	00	00	84	7	02	0	0	0	9	9	7	1	2	2	2	2	2					
	23	9897	32		21	13	02	84	8	03	0	0	0	9	9	7	1	2	2	2	2	2					
29	02	9895	30		20	11	09	84	8	02	0	0	0	9	9	7	1	2	2	2	2	2	13	52	317		
	05	9892	31		17	13	09	82	8	02	0	0	0	9	9	7	1	2	2	2	2	2					
	08	9880	31		19	00	00	82	8	15	0	0	0	9	9	7	1	2	2	2	2	2					
	11	9878	32		20	29	08	84	7	01	0	0	0	9	9	7	1	2	2	2	2	2					
	14	9875	33		23	25	05	84	1	01	0	0	0	9	9	7	1	2	2	2	2	2					
	17	9874	33		23	29	17	84	1	03	0	0	0	9	9	7	1	2	2	2	2	2					
	20	9877	31		25	29	14	84	2	03	0	0	0	9	9	7	1	2	2	2	2	2					
	23	9883	29		26	28	15	80	7	03	0	0	0	9	9	7	1	2	2	2	2	2					
30	02	9889	28		25	28	11	80	8	03	0	0	0	9	9	7	1	2	2	2	2	2	254		34	29	
	05	9893	27		23	28	07	80	5	02	0	0	0	9	9	7	1	2	2	2	2	2					
	08	9894	29		20	09	06	84	3	02	0	0	0	9	9	7	1	2	2	2	2	2					
	11	9896	31		22	08	07	84	1	01	0	0	0	9	9	7	1	2	2	2	2	2					
	14	9909	32		23	33	03	84	5	02	0	0	0	9	9	7	1	2	2	2	2	2					
	17	9921	33		23	00	00	84	1	02	0	0	0	9	9	7	1	2	2	2	2	2					
	20	9930	31		22	26	03	84	5	02	0	0	0	9	9	7	1	2	2	2	2	2					
	23	9946	31		22	00	00	84	2	01	0	0	0	9	9	7	1	2	2	2	2	2					
31	02	9969	28		14	13	17	84	2	02	0	0	0	9	9	5	1	2	2	2	2	2	33	27			
	05	9979	28		16	16	17	84	5	03	0	0	0	9	9	5	1	2	2	2	2	2					
	08	9988	31		14	13	21	84	8	03	0	0	0	9	9	5	1	2	2	2	2	2					
	11	9999	34		17	08	16	82	7	02	0	0	0	9	9	5	1	2	2	2	2	2					
	14	10011	35		22	07	17	82	8	15	0	0	0	9	9	5	1	2	2	2	2	2					
	17	10008	34		23	09	23	80	8	15	0	0	0	9	9	5	1	2	2	2	2	2					
	20	10010	32		23	11	25	74	8	15	0	0	0	9	9	5	1	2	2	2	2	2					
	23	10008	32		18	12	32	82	8	14	0	0	0	9	9	5	1	2	2	2	2	2					

Results of Surface Observations,
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LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE	TEMPERATURES				SURFACE WIND	VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	LOW CLOUD				DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		EXTREME TEMPERATURES	
				DRY BULB	WET BULB	D.EW POINT	DIRECTION					LOW	MIDDLE	HIGH	DIRECTION	SPEED	kt	SL.miles	PRECIPITATION	MAXIMUM	MINIMUM	
				°F x 10 ⁻¹	°F	°F x 10 ⁻¹	kt					D _L	C _M	C _H	D _L	D _M	D _H	°x 10 ⁻¹	kt	SL.miles	Points	
01	01	9690	29	27	24	33	10	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04	9704	28	26	21	33	09	80	1	1	1	1	1	1	1	1	1	1	1	1	1	0
	07	9720	29	27	23	34	12	80	1	1	1	1	1	1	1	1	1	1	1	1	1	0
	10	9737	30	27	22	34	12	80	1	1	1	1	1	1	1	1	1	1	1	1	1	0
	13	9754	31	27	22	34	10	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	16	9755	32	29	24	36	10	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	19	9761	31	29	24	10	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22	9752	29	27	23	25	08	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01	9747	27	24	17	09	02	80	6	6	0	0	0	0	0	0	0	0	0	0	0	0
	04	9738	33	29	24	09	12	80	6	6	0	0	0	0	0	0	0	0	0	0	0	0
02	07	9741	30	26	21	18	05	74	8	0	0	0	0	0	0	0	0	0	0	0	0	0
	10	9743	31	28	23	21	04	74	7	0	0	0	0	0	0	0	0	0	0	0	0	0
	13	9745	32	29	24	21	08	74	4	0	0	0	0	0	0	0	0	0	0	0	0	0
	16	9746	33	30	25	27	07	74	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	19	9753	33	29	24	23	05	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	22	9755	31	28	29	25	05	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01	9763	23	22	20	05	04	74	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	04	9765	27	24	19	14	04	74	2	0	0	0	0	0	0	0	0	0	0	0	0	0
	07	9768	26	23	18	05	04	74	2	0	0	0	0	0	0	0	0	0	0	0	0	0
	10	9774	29	25	19	22	08	74	2	0	0	0	0	0	0	0	0	0	0	0	0	0
03	13	9801	30	26	19	20	04	74	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	16	9814	33	29	23	21	14	74	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	19	9817	33	30	26	21	10	74	7	0	0	0	0	0	0	0	0	0	0	0	0	0
	22	9807	26	24	20	12	07	80	8	0	0	0	0	0	0	0	0	0	0	0	0	0
	01	9761	29	25	17	02	20	80	9	0	0	0	0	0	0	0	0	0	0	0	0	0
	04	9728	26	26	26	04	24	08	9	7	7	7	7	7	7	7	7	7	7	7	7	7
	07	9666	25	25	25	07	45	09	9	38	7	7	7	7	7	7	7	7	7	7	7	7
	10	9641	28	28	28	07	35	08	9	38	3	3	3	3	3	3	3	3	3	3	3	3
	13	9635	29	27	25	09	36	08	9	36	3	3	3	3	3	3	3	3	3	3	3	3
	16	9635	29	27	24	09	35	08	9	36	3	3	3	3	3	3	3	3	3	3	3	3
04	19	9646	28	27	26	12	33	08	9	38	3	3	3	3	3	3	3	3	3	3	3	3
	22	9652	29	28	27	07	04	80	9	29	5	5	5	5	5	5	5	5	5	5	5	5
	01	9675	29	28	26	07	26	58	9	0	0	0	0	0	0	0	0	0	0	0	0	0
	04	9688	31	29	25	07	22	74	9	0	0	0	0	0	0	0	0	0	0	0	0	0
	07	9702	33	29	29	06	20	74	6	0	0	0	0	0	0	0	0	0	0	0	0	0
	10	9713	36	33	27	06	14	74	6	0	0	0	0	0	0	0	0	0	0	0	0	0
	13	9734	35	33	30	00	00	74	6	0	0	0	0	0	0	0	0	0	0	0	0	0
	16	9748	35	32	29	15	04	74	6	0	0	0	0	0	0	0	0	0	0	0	0	0
	19	9760	33	30	26	14	04	74	6	0	0	0	0	0	0	0	0	0	0	0	0	0
	22	9767	31	29	27	07	04	80	7	0	0	0	0	0	0	0	0	0	0	0	0	0
05	01	9777	29	26	22	11	05	74	7	0	0	0	0	0	0	0	0	0	0	0	0	0
	04	9790	30	28	25	00	00	74	8	0	0	0	0	0	0	0	0	0	0	0	0	0
	07	9794	34	30	23	00	00	74	6	0	0	0	0	0	0	0	0	0	0	0	0	0
	10	9799	39	34	27	00	00	74	6	0	0	0	0	0	0	0	0	0	0	0	0	0
	13	9801	39	35	28	00	00	74	6	0	0	0	0	0	0	0	0	0	0	0	0	0
	16	9802	35	31	25	00	00	74	6	0	0	0	0	0	0	0	0	0	0	0	0	0
	19	9799	34	31	26	00	00	74	6	0	0	0	0	0	0	0	0	0	0	0	0	0
	22	9788	32	29	29	09	05	80	7	0	0	0	0	0	0	0	0	0	0	0	0	0
	01	9766	31	30	25	04	16	80	8	0	0	0	0	0	0	0	0	0	0	0	0	0
	04	9755	31	27	22	06	22	74	8	0	0	0	0	0	0	0	0	0	0	0	0	0
06	07	9743	32	29	24	07	18	74	8	0	0	0	0	0	0	0	0	0	0	0	0	0
	10	9730	35	32	28	06	14	74	8	0	0	0	0	0	0	0	0	0	0	0	0	0
	13	9720	35	31	26	05	22	74	7	0	0	0	0	0	0	0	0	0	0	0	0	0
	16	9716	33	29	24	09	22	74	7	0	0	0	0	0	0	0	0	0	0	0	0	0
	19	9712	32	29	23	09	32	74	7	0	0	0	0	0	0	0	0	0	0	0	0	0
	22	9712	31	27	21	09	32	74	7	0	0	0	0	0	0	0	0	0	0	0	0	0
	01	9698	30	26	20	09	41	74	7	0	0	0	0	0	0	0	0	0	0	0	0	0
	04	9704	29	25	18	09	40	66	7	0	0	0	0	0	0	0	0	0	0	0	0	0
	07	9741	30	26	19	09	22	66	7	0	0	0	0	0	0	0	0	0	0	0	0	0
	10	9739	31	27	20	09	50	66	7	0	0	0	0	0	0	0	0	0	0	0	0	0
08	13	9739	31	27	20	07	30	74	7	0	0	0	0	0	0	0	0	0	0	0	0	0
	16	9750	31	27	20	09	30	74	7	0	0	0	0	0	0	0	0	0	0	0	0	0
	19	9763	31	27	20	09	30	74	7	0	0	0	0									

Results of Surface Observations,
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LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE $\text{mb} \times 10^{-1}$	TEMPERATURES		SURFACE WIND		VISIBILITY mi	CLOUD AMOUNT Oktas	PRESENT WEATHER	DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST kt	ANEMOMETER WIND RUN St. miles	PRECIPITATION Points		
				DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION ° x 10 KT				LOW CLOUD TYPE C _L	MIDDLE CLOUD TYPE C _M	HIGH CLOUD TYPE C _H			MAXIMUM MINIMUM °F	MINIMUM °F	
				DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION ° x 10 KT				PAST WEATHER AMOUNT Oktas	BASE h	BASE C _N	LOW D _L		MAXIMUM MINIMUM °F	MINIMUM °F	
10	01	9850	28	25	19	09	10	80	5	02	1	1	3	1	18	13	35	28
	04	9855	29	25	20	18	09	74	7	02	1	1	3	1				
	07	9863	33	29	22	00	00	74	6	02	2	2	2	1				
	10	9887	35	31	26	00	00	65	8	02	2	2	2	1				
	13	9871	34	30	24	19	04	74	6	02	2	2	2	1				
	16	9875	33	31	29	21	04	74	6	02	2	2	2	1				
	19	9876	35	32	28	00	00	74	3	01	1	1	1	0				
11	01	9885	29	22	19	09	04	74	1	02	0	1	0	0	09	12	43	25
	04	9888	25	23	17	07	08	74	0	0	0	1	0	0				
	07	9895	36	31	23	09	02	74	2	03	0	1	1	0				
	10	9888	39	34	24	00	00	74	4	03	1	1	5	3				
	13	9885	43	37	26	09	04	74	4	02	1	1	2	0				
	16	9885	39	34	26	23	04	74	8	02	2	2	2	1				
	19	9886	32	31	31	03	04	65	7	02	2	2	2	1				
12	01	9882	31	29	27	03	08	66	8	02	2	2	2	2	03	17	34	28
	04	9873	31	29	27	03	09	66	6	02	2	2	2	2				
	07	9866	30	30	30	03	08	68	8	02	2	2	2	2				
	10	9860	31	30	28	03	08	65	5	02	2	2	2	2				
	13	9856	34	31	27	36	06	65	5	02	2	2	2	2				
	16	9853	30	29	26	09	08	65	5	02	2	2	2	2				
	19	9853	30	29	26	09	10	65	5	02	2	2	2	2				
13	01	9836	27	26	23	07	05	50	5	02	2	2	2	2	03	17	31	27
	04	9864	27	26	23	07	05	50	5	02	2	2	2	2				
	07	9883	30	28	25	00	00	55	5	02	2	2	2	2				
	10	9884	31	29	25	00	00	55	5	02	2	2	2	2				
	13	9885	31	29	25	16	08	53	5	02	2	2	2	2				
	16	9893	32	29	25	18	05	53	5	02	2	2	2	2				
	19	9890	31	28	24	16	05	53	5	02	2	2	2	2				
14	01	9902	27	27	26	00	00	55	8	02	2	2	2	2	04	12	34	25
	04	9906	29	27	25	00	00	55	5	02	2	2	2	2				
	07	9910	30	28	26	00	00	55	5	02	2	2	2	2				
	10	9911	34	31	25	00	00	74	5	02	2	2	2	2				
	13	9918	33	30	25	36	05	74	5	02	2	2	2	2				
	16	9919	33	30	25	00	00	74	5	02	2	2	2	2				
	19	9923	31	27	19	00	00	74	5	02	2	2	2	2				
15	01	9920	21	20	17	12	04	74	1	02	2	2	2	2	11	07	34	25
	04	9919	25	23	18	15	05	74	3	02	2	2	2	2				
	07	9920	31	29	23	00	00	74	3	02	2	2	2	2				
	10	9912	30	28	25	36	04	74	3	02	2	2	2	2				
	13	9909	30	28	23	34	03	74	3	02	2	2	2	2				
	16	9906	31	29	24	02	02	74	2	02	2	2	2	2				
	19	9899	31	28	23	00	00	74	2	02	2	2	2	2				
16	01	9881	26	24	21	12	05	74	3	02	2	2	2	2	02	21	30	23
	04	9878	23	22	19	09	06	74	7	02	2	2	2	2				
	07	9875	29	26	21	04	10	74	7	02	2	2	2	2				
	10	9878	31	27	20	03	15	74	8	02	2	2	2	2				
	13	9888	30	27	21	03	15	74	8	02	2	2	2	2				
	16	9896	29	26	19	04	15	74	8	02	2	2	2	2				
	19	9898	28	25	19	02	05	74	8	02	2	2	2	2				
17	01	9890	26	24	21	15	08	74	8	02	2	2	2	2	03	12	31	26
	04	9883	26	24	20	02	02	74	6	02	2	2	2	2				
	07	9886	28	26	22	04	08	74	7	02	2	2	2	2				
	10	9858	28	26	23	03	07	74	7	02	2	2	2	2				
	13	9857	30	28	26	04	07	74	7	02	2	2	2	2				
	16	9849	31	29	26	03	11	74	7	02	2	2	2	2				
	19	9835	30	28	24	02	10	80	5	01	2	2	2	2				
18	01	9826	28	23	20	00	00	80	6	02	2	2	2	2	03	12	31	26
	04	9826	26	20	18	00	00	80	6	02	2	2	2	2				
	07	9803	29	27	22	09	08	80	6	02	2	2	2	2				
	10	9799	32	28	21	00	00	80	6	02	2	2	2	2				
	13	9750	32	28	22	04	00	80	6	02	2	2	2	2				
	16	9742	29	27	20	09	09	80	6	02	2	2	2	2				
	19	9725	28	26	22	09	09	80	6	02	2	2	2	2				
22	01	9691	25	23	20	05	04	80	5	02	2	2	2	2	09	27	32	25
	04	9626	26	20	18	00	00	80	5	02	2	2	2	2				

Results of Surface Observations,
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LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE mb $\times 10^{-1}$	TEMPERATURES			SURFACE WIND			CLOUD AMOUNT	VISIBILITY	PRESENT WEATHER			LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			ANEMOMETER WIND RUN Points	EXTREME TEMPERATURES			
				DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION °x 10	KT	VV Oktas			PAST WEATHER	AMOUNT	CLOUD TYPE	BASE	C _L	C _M	C _H	D _L	D _M	D _H	DIRECTION °x 10	KT	ST. MILES	MAXIMUM	MINIMUM		
19	01	9683	24	22	15	09	35	74	6	2	2	2	2	2	6	0	5	3	2	2	2	2	2	2	2	2	37	24
	04	9679	26	24	19	09	37	74	6	2	2	2	2	2	6	0	5	3	2	2	2	2	2	2	2	2		
	07	9677	28	25	19	09	36	74	6	2	2	2	2	2	6	0	5	3	2	2	2	2	2	2	2	2		
	10	9682	29	26	18	09	35	74	6	2	2	2	2	2	6	0	5	3	2	2	2	2	2	2	2	2		
	13	9684	31	26	23	12	35	74	6	2	2	2	2	2	6	0	5	3	2	2	2	2	2	2	2	2		
	16	9712	31	29	25	09	30	74	6	2	2	2	2	2	6	0	5	3	2	2	2	2	2	2	2	2		
	19	9752	37	32	24	13	05	74	6	2	2	2	2	2	6	0	5	3	2	2	2	2	2	2	2	2		
	22	9772	32	29	24	00	00	74	6	2	2	2	2	2	6	0	5	3	2	2	2	2	2	2	2	2		
20	01	9796	26	23	17	07	11	74	4	01	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	26
	04	9813	31	28	22	05	10	74	7	3	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	07	9833	32	31	30	32	09	74	7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	10	9822	33	31	27	34	11	74	7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	13	9833	34	32	27	34	10	74	7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	16	9833	33	32	31	34	07	74	7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	19	9857	31	29	26	05	11	74	5	01	2	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
	22	9857	31	30	28	34	09	74	8	03	1	8	2	5	3	3	3	3	3	3	3	3	3	3	3	3		
21	01	9840	30	28	24	31	08	74	8	02	2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	30
	04	9838	30	28	24	34	07	74	7	01	2	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	07	9838	30	28	24	05	13	74	7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	10	9838	32	29	23	36	09	74	7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	13	9838	34	31	20	34	07	74	4	01	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	16	9840	28	28	00	00	00	74	8	03	2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	30
	19	9838	31	30	26	00	00	74	8	02	2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	22	9838	30	29	26	00	00	74	8	02	2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
22	01	9840	29	27	24	14	05	74	9	02	2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	29
	04	9845	29	27	25	16	02	74	8	02	2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	07	9854	31	29	24	00	00	74	9	02	2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	10	9854	33	31	27	00	00	74	9	02	2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	13	9847	35	32	27	30	05	74	9	02	2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	16	9850	32	30	27	32	05	74	7	02	2	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	19	9850	31	29	26	34	06	74	7	02	2	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	22	9854	30	29	26	00	00	74	8	02	2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
23	01	9867	29	28	27	04	09	63	8	22	7	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	29
	04	9879	27	26	24	06	08	58	8	20	7	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	07	9881	29	28	27	06	08	74	8	22	7	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	10	9891	30	28	25	03	11	74	8	15	7	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	13	9891	29	29	29	03	12	74	8	15	7	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	16	9891	29	28	27	03	14	74	5	22	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	19	9887	29	26	17	04	74	0	02	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	22	9891	26	19	15	07	09	74	1	02	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
24	01	9887	22	21	17	09	12	74	7	02	2	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	26
	04	9889	23	22	18	09	08	74	6	01	2	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	07	9889	30	27	22	07	01	74	8	03	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	10	9891	28	27	25	05	04	74	8	02	2	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	13	9887	30	29	27</td																							

Results of Surface Observations,
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LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE				TEMPERATURES			SURFACE WIND			VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	LOW CLOUD			MIDDLE CLOUD			HIGH CLOUD			MAXIMUM WIND GUST "x10	DIRECTION OF CLOUD MOVEMENT	EXTREME TEMPERATURES				
			STATION LEVEL PRESSURE		DRY BULB °F	WET BULB °F	DEW POINT °F	= x 10	DIRECTION	DIRECTION	SPEED kt	VV	Oktas	WW	W	PAST WEATHER	AMOUNT	CLOUD TYPE	C _L	I _r	C _M	C _H	D _L	D _M	D _H	kt	Stations	Points	MAXIMUM WIND RUN	PRECIPITATION	MAXIMUM MINIMUM
			lb x 10 ⁻¹	°F	°F	°F																									
28	01	9911	24	23	17	07	16	80	6	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	33	24
	04	9921	25	23	18	07	14	80	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	07	9922	29	27	23	07	15	74	7	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	10	9941	31	29	25	04	15	74	7	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	15	9942	33	30	27	03	11	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	16	9930	33	31	27	04	05	74	8	01	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	19	9928	33	31	29	25	03	74	8	03	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
22	9909	31	28	24	18	03	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
29	01	9895	31	29	27	33	05	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	30	28
	04	9870	29	27	25	25	10	80	5	01	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	07	9870	31	29	26	27	05	80	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	10	9855	32	30	26	07	14	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	13	9832	32	31	28	03	16	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	16	9824	30	30	29	03	09	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	19	9811	30	29	28	36	05	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
22	9783	28	28	28	36	02	66	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	30	28
30	01	9796	27	26	24	04	05	58	8	70	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	30	26
	04	9785	27	26	23	02	02	56	8	22	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	07	9783	29	29	28	34	02	74	8	15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	10	9776	29	27	23	36	05	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	13	9768	30	28	24	00	00	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	16	9760	30	29	27	16	03	74	7	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	19	9742	28	26	21	14	05	74	6	01	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
22	9726	26	24	19	14	08	74	6	01	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	30	26
31	01	9725	23	21	17	09	02	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	35	22
	04	9725	22	20	16	09	10	74	2	01	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	07	9738	31	29	25	00	00	74	2	01	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	10	9730	32	28	23	36	05	74	6	03	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	13	9739	33	30	25	34	03	74	6	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	16	9754	35	31	24	34	01	74	7	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	19	9768	31	29	25	33	02	74	7	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
22	9778	27	25	20	04	05	74	7	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	35	22

Results of Surface Observations,
WILKES FEB., 1962

LOCAL STANDARD TIME		TEMPERATURES				SURFACE WIND		VISIBILITY		CLOUD AMOUNT		PRESENT WEATHER		PAST WEATHER		LOW CLOUD		DIRECTION OF CLOUD MOVEMENT		MAXIMUM WIND GUST		ANEMOMETER WIND RUN		EXTREME TEMPERATURES			
		STATION LEVEL PRESSURE in x 10 ⁻¹	DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION °x 10	SPEED kt	VV Deltas	WW Deltas	W Deltas	CH C _L	CH C _M	CH C _H	DL D _L	DM D _M	DH D _H	DL D _L	DM D _M	DH D _H	DL D _L	DM D _M	DH D _H	St. miles Points	MAXIMUM °F	MINIMUM °F		
01	01	9789	25	23	20	09	02	74	8	02	2	7	0	9	9	2	2	8	8	8	8	8	8				
	04	9799	27	25	22	04	03	74	8	02	2	5	0	9	9	3	8	8	8	8	8	8	8				
	07	9803	30	27	23	04	05	74	8	02	2	1	0	9	9	3	8	8	8	8	8	8	8				
	10	9806	32	31	29	22	02	74	7	01	2	1	0	9	9	3	8	8	8	8	8	8	8				
	13	9807	32	32	32	03	03	74	7	71	7	7	5	5	6	0	0	0	0	0	0	0	0				
	16	9812	31	30	29	35	05	74	8	71	7	3	3	5	6	6	0	0	0	0	0	0	0				
	19	9821	32	31	30	35	03	74	8	71	7	3	3	5	6	6	0	0	0	0	0	0	0				
	22	9826	30	30	00	00	00	74	8	71	7	3	3	5	6	6	0	0	0	0	0	0	0				
02	01	9833	29	28	26	32	02	66	8	71	7	3	3	5	5	5	5	5	5	5	5	5	5	5	3.4	23	
	04	9840	28	27	25	36	05	74	8	71	7	3	3	5	5	5	5	5	5	5	5	5	5	5			
	07	9843	29	28	26	34	05	66	8	71	7	3	3	5	5	5	5	5	5	5	5	5	5	5			
	10	9841	29	28	26	35	04	74	8	02	7	7	7	7	7	7	7	7	7	7	7	7	7				
	13	9842	30	30	30	34	04	74	8	70	7	7	7	7	7	7	7	7	7	7	7	7	7				
	16	9840	30	29	28	02	05	74	8	02	7	7	7	7	7	7	7	7	7	7	7	7	7				
	19	9837	30	29	28	02	06	74	7	01	2	7	7	7	7	7	7	7	7	7	7	7	7				
	22	9833	29	28	25	07	74	7	02	2	7	7	7	7	7	7	7	7	7	7	7	7	7				
03	01	9823	28	27	25	36	05	66	8	72	7	3	3	5	5	5	5	5	5	5	5	5	5	3.2	26		
	04	9823	27	26	25	04	05	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2				
	07	9813	29	27	23	33	10	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2				
	10	9779	29	27	24	30	10	74	3	01	1	1	1	1	1	1	1	1	1	1	1	1	1				
	13	9786	30	27	22	01	08	74	1	01	0	1	1	1	1	1	1	1	1	1	1	1	1				
	16	9773	30	28	23	28	05	74	7	03	1	7	4	4	4	4	4	4	4	4	4	4	4				
	19	9761	28	25	19	30	03	74	7	02	2	7	4	4	4	4	4	4	4	4	4	4	4				
	22	9750	26	24	30	08	74	7	02	2	7	4	4	4	4	4	4	4	4	4	4	4	4				
04	01	9749	27	26	23	29	02	74	8	02	2	6	6	6	6	6	6	6	6	6	6	6	6	3.2	23		
	04	9749	27	25	22	05	74	6	02	2	6	6	6	6	6	6	6	6	6	6	6	6	6				
	07	9771	29	27	24	03	05	74	6	02	2	6	6	6	6	6	6	6	6	6	6	6	6				
	10	9782	29	27	23	02	10	74	7	01	1	7	4	4	4	4	4	4	4	4	4	4	4				
	13	9608	30	27	22	06	08	74	7	03	1	7	4	4	4	4	4	4	4	4	4	4	4				
	16	9724	30	27	21	02	12	74	2	01	1	2	2	2	2	2	2	2	2	2	2	2	2				
	19	9844	29	27	22	08	16	74	8	03	1	8	4	4	4	4	4	4	4	4	4	4	4				
	22	9853	26	24	20	09	18	74	8	02	2	8	4	4	4	4	4	4	4	4	4	4	4				
05	01	9840	24	22	17	09	30	74	6	01	2	5	5	5	5	5	5	5	5	5	5	5	5	3.0	24		
	04	9830	28	27	25	10	35	58	8	36	3	5	5	5	5	5	5	5	5	5	5	5	5				
	07	9830	31	30	28	09	39	74	8	33	3	5	5	5	5	5	5	5	5	5	5	5	5				
	10	9797	32	30	26	16	20	74	8	03	3	5	5	5	5	5	5	5	5	5	5	5	5				
	13	9779	34	31	27	10	12	74	8	02	2	5	5	5	5	5	5	5	5	5	5	5	5				
	16	9756	33	30	25	15	13	74	8	02	2	5	5	5	5	5	5	5	5	5	5	5	5				
	19	9757	31	30	28	18	20	74	8	71	2	5	5	5	5	5	5	5	5	5	5	5	5				
	22	9705	31	29	26	13	13	74	8	02	2	5	5	5	5	5	5	5	5	5	5	5	5				
06	01	9650	28	28	28	09	50	00	39	3	4	4	4	4	4	4	4	4	4	4	4	4	4	3.4	24		
	04	9674	31	30	10	35	16	8	38	3	4	4	4	4	4	4	4	4	4	4	4	4	4				
	07	9725	36	35	05	08	07	74	6	01	3	5	5	5	5	5	5	5	5	5	5	5	5				
	10	9718	35	32	28	15	20	74	6	02	2	5	5	5	5	5	5	5	5	5	5	5	5				
	13	9721	39	34	26	24	10	74	6	02	2	5	5	5	5	5	5	5	5	5	5	5	5				
	16	9743	39	33	26	03	03	74	7	02	2	7	7	7	7	7	7	7	7	7	7	7	7				
	19	9763	37	33	28	13	16	74	7	02	2	5	5	5	5	5	5	5	5	5	5	5	5				
	22	9761	37	34	29	10	32	74	8	02	2	8	1	1	1	1	1	1	1	1	1	1	1				
07	01	9789	36	33	29	10	10	74	8	02	2	5	5	5	5	5	5	5	5	5	5	5	5	3.9	28		
	04	9813	35	32	28	27	10	74	7	02	2	6	6	6	6	6	6	6	6	6	6	6	6				
	07	9840	37	35	32	04	05	74	8	02	2	6	6	6	6	6	6	6	6	6	6	6	6				
	10	9838	38	33	25	09	17	74	8	02	2	7	7	7	7	7	7	7	7	7	7	7	7				
	13	9855	33	33	23	08	08	61	8	71	2	7	7	7	7	7	7	7	7	7	7	7	7				
	16	9853	36	33	28	17	07	74	7	01	2	7	7	7	7	7	7	7	7	7	7	7	7				
	19	9853	36	34	30	18	03	74	4	01	1	2	2	2	2	2	2	2	2	2	2	2	2				
	22	9846	29	29	05	04	74	8	02	2	8	1	1	1	1	1	1	1	1	1	1	1	1				
08	01	9847	28	27	25	04	09																				

**Results of Surface Observations,
WILKES FEB., 1962**

LOCAL STANDARD TIME		STATION LEVEL PRESSURE $\text{mb} \times 10^{-1}$	TEMPERATURES			SURFACE WIND			VISIBILITY VV	CLOUD AMOUNT OKtas	PRESENT WEATHER WW	LOW CLOUD			MIDDLE CLOUD			HIGH CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			EXTREME TEMPERATURES		
DAY	HOUR		DRY BULB °F	NET BULB °F	DEPT POINT °F	DIRECTION °x 10	SPEED kt	DIR				AMOUNT OKtas	TYPE C _L	BASE h	C _M	C _H	D _L	D _M	D _H	DIRECTION °x 10	SPEED kt	ANEMOMETER WIND RUN St. Miles	PRECEPITATION Points	MAXIMUM °F	MINIMUM °F				
10	01	9945	31	31	29	11	0.4	74	8	0.2	2	9	0	9	7	7	1	1	1	1	1	1	1	1	42	27			
	04	9948	32	30	28	13	1.2	74	8	0.5	2	2	2	5	5	7	7	8	8	8	8	8	8	8					
	07	9955	35	33	31	13	0.4	74	4	0.1	1	1	1	0	9	0	0	0	0	0	0	0	0	0					
	10	9939	35	33	29	0.0	0.0	74	2	0.1	1	1	1	0	9	0	0	0	0	0	0	0	0	0					
	13	9923	37	34	30	32	0.2	74	0	0.1	0	0	0	0	9	0	0	0	0	0	0	0	0	0					
	16	9919	36	33	28	33	0.5	74	0	0.2	0	0	0	0	9	0	0	0	0	0	0	0	0	0					
	19	9912	33	31	26	35	0.3	74	0	0.2	0	0	0	0	9	0	0	0	0	0	0	0	0	0					
	22	9902	27	25	21	0.5	0.3	74	0	0.2	0	0	0	0	9	0	0	0	0	0	0	0	0	0					
11	01	9904	25	23	19	0.8	0.5	74	0	0.2	0	0	0	0	9	0	0	0	0	0	0	0	0	0					
	04	9904	23	21	17	0.8	1.3	74	2	0.3	0	0	0	0	9	0	0	0	0	0	0	0	0	0					
	07	9921	28	24	17	0.5	1.6	74	2	0.3	1	1	1	0	9	0	0	0	0	0	0	0	0	0					
	10	9921	33	29	22	0.4	0.8	74	7	0.5	1	7	0	0	9	0	0	0	0	0	0	0	0						
	13	9920	31	29	25	18	0.8	74	7	0.2	2	7	0	0	9	0	0	0	0	0	0	0	0						
	16	9918	32	28	22	18	0.9	74	6	0.1	2	5	5	6	6	6	6	6	6	6	6	6	6	6					
	19	9910	30	28	24	18	0.7	74	4	0.1	1	4	0	0	9	3	0	0	0	0	0	0	0						
	22	9904	28	24	16	1.4	0.6	70	1	0.1	1	0	0	0	9	3	0	0	0	0	0	0	0	33	23				
12	01	9898	26	24	18	1.4	0.3	74	7	0.5	1	7	0	0	9	3	0	0	0	0	0	0	0						
	04	9896	30	28	24	19	0.7	66	8	0.5	2	8	5	5	5	5	5	5	5	5	5	5	5						
	07	9895	30	29	28	20	0.6	48	8	0.7	2	8	6	4	4	4	4	4	4	4	4	4	4						
	10	9881	32	31	29	19	0.9	56	8	71	7	8	0	0	9	3	0	0	0	0	0	0	0						
	13	9869	36	31	22	19	0.4	65	8	70	7	8	0	0	9	3	0	0	0	0	0	0	0						
	16	9860	32	32	32	15	1.4	40	8	70	7	8	0	0	9	3	0	0	0	0	0	0	0		37	24			
	19	9839	32	31	27	13	1.2	74	1	0.1	1	7	1	0	9	3	0	0	0	0	0	0	0						
	22	9824	29	26	20	0.0	0.0	74	1	0.2	0	1	0	0	9	3	0	0	0	0	0	0	0						
13	01	9811	28	25	20	0.3	0.7	74	2	0.3	2	0	2	0	9	3	0	0	0	0	0	0	0						
	04	9807	27	25	22	18	0.6	74	7	0.3	1	1	5	6	4	2	2	2	2	2	2	2	2						
	07	9812	32	29	22	19	0.2	74	7	0.3	2	3	0	9	3	6	6	6	6	6	6	6	6						
	10	9812	38	34	27	0.9	1.9	74	7	0.5	2	5	5	6	3	6	6	6	6	6	6	6	6						
	13	9824	40	34	25	27	0.5	74	7	0.2	2	1	5	6	3	6	6	6	6	6	6	6	6						
	16	9843	39	35	28	22	1.4	74	6	0.2	2	2	4	6	9	9	9	9	9	9	9	9	9						
	19	9848	36	32	26	16	1.4	74	3	0.1	1	0	0	9	0	9	0	9	0	9	0	9	0		43	28			
	22	9817	32	28	21	10	0.6	74	1	0.1	0	0	0	0	9	0	0	0	0	0	0	0	0						
14	01	9799	29	26	20	1.1	3.8	74	2	0.3	0	2	0	9	3	0	0	0	0	0	0	0	0						
	04	9793	29	26	20	1.0	4.0	74	2	0.2	1	2	1	2	0	9	3	0	0	0	0	0	0						
	07	9794	31	28	20	1.8	1.0	74	2	0.2	1	2	1	2	0	9	3	0	0	0	0	0	0						
	10	9787	33	28	19	0.6	0.5	74	4	0.3	1	4	5	5	5	5	5	5	5	5	5	5	5						
	13	9777	36	33	28	36	1.2	40	8	70	2	8	5	5	5	5	5	5	5	5	5	5	5						
	16	9780	34	30	23	13	1.9	74	7	0.2	2	5	5	6	6	6	6	6	6	6	6	6	6						
	19	9791	35	31	25	0.9	2.0	74	7	0.2	2	5	5	6	6	6	6	6	6	6	6	6	6						
	22	9801	32	30	26	1.4	1.1	74	6	0.1	2	5	5	6	6	6	6	6	6	6	6	6	6						
15	01	9812	34	31	25	0.7	1.0	74	7	0.3	2	7	5	5	5	5	5	5	5	5	5	5	5						
	04	9817	34	31	25	1.1	0.6	74	7	0.2	2	2	2	2	2	2	2	2	2	2	2	2	2						
	07	9831	34	29	20	1.6	0.5	74	7	0.2	2	3	3	5	5	5	5	5	5	5	5	5	5						
	10	9817	35	31	23	0.0	0.0	74	8	0.1	2	1	2	1	2	1	2	1	2	1	2	1	2						
	13	9803	33	31	27	18	0.3	74	8	0.3	2	8	5	5	5	5	5	5	5	5	5	5	5						
	16	9792	30	29	27	17	2.0	74	8	0.2	2	7	8	8	8	8	8	8	8	8	8	8	8						
	19	9752	32	32	22	0.6	2.0	74	8	0.2	2	7	5	5	5	5	5	5	5	5	5	5	5						
	22	9745	32	32	25	0.6	0.5	74	8	0.2	2	7	5	5	5	5	5	5	5	5	5	5	5						
16	01	9760	32	31	29	0.8	4.2	4.8	8	3.6	7	8	5	5	5	5	5	5	5	5	5	5	5						
	04	9762	32	30	28	0.8	4.8	5.8	8	3.6	2	9	5	5	5	5	5	5	5	5	5	5	5						
	07	9772	35	31	24	0.9	4.6	6.5	8	3.6	2	9	5	5	5	5	5	5	5	5	5	5	5						
	10	9716	35	32	10	4.8	5.9	8	3.6	2	9	5	5	5	5	5	5	5	5	5	5	5	5						
	13	9728	34	33	21	17	2.0	74	8	0.2	2	7	5	5	5	5	5	5	5	5	5	5	5						
	16	9681	36	31	22																								

Results of Surface Observations,
WILKES FEB., 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE $\text{mb} \times 10^2$	TEMPERATURES			SURFACE WIND		VISIBILITY VV	CLOUD AMOUNT Oktas	PRESENT WEATHER ww	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN St. miles	PRECIPITATION Points	EXTREME TEMPERATURES			
				DRY BULB °F	WET BULB °F	DEWPONT °F	DIRECTION °x 10	SPEED kt				CLOUD TYPE C _L	AMOUNT h	BASE C _M	HIGH CLOUD C _H	LOW D _L	MIDDLE D _M	HIGH D _H	DIRECTION °x 10	SPEED kt		MAXIMUM WIND SPEED kt	MINIMUM WIND SPEED kt		
19	01	9810	54	33	33	36	07	74	8	02	7	5	6	0	8	2	2	2	2	2	8	04	21	34	29
	04	9817	50	29	27	32	10	74	7	02	7	5	6	0	8	2	2	2	2	2	8				
	07	9820	29	27	23	36	10	74	4	01	7	5	6	0	8	2	2	2	2	2	8				
	10	9824	29	27	22	33	04	74	7	02	7	5	6	0	8	2	2	2	2	2	8				
	13	9830	29	27	24	05	07	74	8	02	7	5	6	0	8	2	2	2	2	2	8				
	16	9830	29	27	23	03	17	74	8	02	7	5	6	0	8	2	2	2	2	2	8				
	19	9832	29	27	23	02	12	74	8	02	7	5	6	0	8	2	2	2	2	2	8				
	22	9837	28	27	25	34	02	58	8	02	56	2	9	9	9	9	9	9	9	9	9				
20	01	9839	28	27	26	04	17	74	8	22	7	5	6	0	8	0	0	0	0	0	1	04	21	34	29
	04	9834	32	31	29	04	20	74	8	12	7	5	6	0	8	0	0	0	0	0	1				
	07	9831	31	30	28	04	15	74	8	01	7	5	6	0	8	0	0	0	0	0	1				
	10	9807	30	28	24	09	22	74	7	01	7	5	6	0	8	0	0	0	0	0	1				
	13	9757	27	27	09	40	00	8	37	3	5	9	9	9	9	9	9	9	9	9	9				
	16	9701	26	26	09	49	00	8	39	3	9	9	9	9	9	9	9	9	9	9	9				
	19	9683	27	27	26	09	49	00	8	39	3	9	9	9	9	9	9	9	9	9	9				
	22	9681	30	28	26	09	42	66	8	02	3	4	5	5	5	1	2	2	2	2	2	09	74	32	26
21	01	9687	31	29	27	09	25	74	7	02	3	7	5	5	5	5	5	5	5	5	5				
	04	9690	32	30	26	09	30	74	7	02	3	7	5	5	5	5	5	5	5	5	5				
	07	9694	36	33	29	07	30	74	7	02	3	7	5	5	5	5	5	5	5	5	5				
	10	9696	36	33	29	06	31	63	7	02	3	7	5	5	5	5	5	5	5	5	5				
	13	9712	38	35	30	06	22	74	7	02	3	7	5	5	5	5	5	5	5	5	5				
	16	9724	36	33	29	06	18	74	7	02	3	7	5	5	5	5	5	5	5	5	5				
	19	9741	35	33	30	08	14	74	7	02	3	7	5	5	5	5	5	5	5	5	5				
	22	9751	39	31	26	07	16	74	7	02	3	7	5	5	5	5	5	5	5	5	5				
22	01	9763	34	31	28	12	02	74	8	02	3	7	5	5	5	5	5	5	5	5	5				
	04	9770	35	32	27	09	10	74	8	02	3	7	5	5	5	5	5	5	5	5	5				
	07	9780	35	31	25	02	02	74	8	02	3	7	5	5	5	5	5	5	5	5	5				
	10	9775	32	30	26	20	08	74	8	02	3	7	5	5	5	5	5	5	5	5	5				
	13	9773	34	32	30	17	06	66	70	02	3	7	5	5	5	5	5	5	5	5	5				
	16	9766	34	31	27	19	04	74	7	01	3	7	5	5	5	5	5	5	5	5	5				
	19	9755	32	28	21	09	18	74	7	01	3	7	5	5	5	5	5	5	5	5	5				
	22	9728	31	28	22	09	20	74	8	02	3	7	5	5	5	5	5	5	5	5	5				
23	01	9701	30	28	23	09	25	74	7	02	3	7	5	5	5	5	5	5	5	5	5				
	04	9675	28	25	22	09	20	74	7	01	3	7	5	5	5	5	5	5	5	5	5				
	07	9650	50	27	20	09	15	74	7	02	3	7	5	5	5	5	5	5	5	5	5				
	10	9621	35	29	21	18	10	74	7	02	3	7	5	5	5	5	5	5	5	5	5				
	13	9610	28	27	25	16	16	74	8	02	3	7	5	5	5	5	5	5	5	5	5				
	16	9593	31	27	20	18	16	74	8	02	3	7	5	5	5	5	5	5	5	5	5				
	19	9574	30	26	18	09	40	74	8	02	3	7	5	5	5	5	5	5	5	5	5				
	22	9583	30	17	09	35	74	8	02	3	7	5	5	5	5	5	5	5	5	5	5				
24	01	9597	30	27	22	12	35	74	7	02	3	7	5	5	5	5	5	5	5	5	5				
	04	9621	30	28	25	04	74	8	02	3	7	5	5	5	5	5	5	5	5	5	5				
	07	9639	30	27	21	18	10	74	8	02	3	7	5	5	5	5	5	5	5	5	5				
	10	9640	31	29	24	16	11	74	8	01	3	7	5	5	5	5	5	5	5	5	5				
	13	9635	53	30	25	13	13	74	7	02	3	7	5	5	5	5	5	5	5	5	5				
	16	9635	53	31	26	18	05	74	8	01	3	7	5	5	5	5	5	5	5	5	5				
	19	9640	34	31	25	15	04	74	7	02	3	7	5	5	5	5	5	5	5	5	5				
	22	9654	33	29	23	04	04	74	8	02	3	7	5	5	5	5	5	5	5	5	5				
25	01	9663	30	30	16	08	48	8	70	7	8	5	6	2	2	2	2	2	2	2	2				
	04	9664	31	29	27	02	05	66	8	70	7	8	5	6	2	2	2	2	2	2	2				
	07	9668	31	30	29	05	05	66	8	70	7	8	7	4	2	2	2	2	2	2	2				
	10	9651	31	31	30	00	00	58	8	70	7	8	6	4	2	2	2	2	2	2	2				
	13	9668	32	31	28	15	06	66	8	01	7	3	6	4	7	2	2	2	2	2	2				
	16	9669	33	29	23	18	05	68	7	02	2	7	3	6	4	7	2	2	2	2	2				
	19	9684	30	29	26	14	03	74	7	02	2	7	3	6	4	7	2	2	2	2	2				
	22	9698	29	29	28	00	00	58	8	71	7	8	6	5	5	5	5	5	5	5	5				
26	01	9728	29	28	28	10	66	8	71	7	8	6	5	5	5	5	5	5	5	5	5				
	04	9746	29	28	26	08	66	8	71	7	8	6	5	5	5	5	5	5	5	5	5				
	07	9752	29	28	27	02	05	66	8	71	7	8	6	5	5	5	5</td								

Results of Surface Observations,
WILKES FEB. 1962

Results of Surface Observations,
WILKES MARCH, 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE lb x 10 ⁻³	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	LOW CLOUD			MIDDLE CLOUD			HIGH CLOUD			DIRECTION OF CLOUD MOVEMENT	MAXIMUM WIND GUST	ANEMOMETER WIND RUN	EXTREME TEMPERATURES			
				DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION °x 10	SPEED kt				PAST WEATHER	AMOUNT	TYPE	BASE	D _L	D _M	D _H	DIRECTION OF CLOUD MOVEMENT	SPEED kt	St. miles	Points	MAXIMUM °F	MINIMUM °F			
												VV	Oktas	WW	W	C _L	C _M	C _H	D _L	D _M	D _H	*x 10					
01	01	9767	27	25	22	00	00	74	6	03	1	6	5	6	0	0	0	0	0	0	0	0	0	0	0	0	0
04		9779	25	21	09	14	01	74	4	01	1	1	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0
07		9789	26	23	15	16	04	74	4	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10		9789	30	27	22	21	04	74	5	03	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13		9791	52	29	25	30	05	74	0	01	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16		9789	32	28	22	00	00	74	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19		9781	27	25	19	21	02	74	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22		9772	24	22	15	25	04	74	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01	01	9764	19	16	02	07	08	74	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04		9755	22	18	06	04	15	74	8	03	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07		9758	26	22	16	04	05	74	8	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10		9716	30	25	13	26	08	74	8	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13		9696	29	26	21	00	00	66	8	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16		9671	28	25	20	00	00	66	8	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19		9659	27	25	20	24	05	74	8	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22		9644	27	25	18	15	01	74	8	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01	01	9644	25	23	19	32	02	66	8	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04		9650	25	23	20	36	10	74	7	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07		9657	26	23	18	04	15	74	7	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10		9698	27	25	19	04	20	74	6	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13		9758	29	26	21	36	13	74	7	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16		9772	27	25	19	05	09	74	8	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19		9802	27	24	18	15	09	74	7	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22		9827	25	24	20	06	05	74	8	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01	01	9850	25	24	22	18	05	66	8	71	2	8	0	9	7	0	0	0	0	0	0	0	0	0	0	0	0
04		9860	26	25	23	18	10	66	8	22	7	3	5	6	2	0	0	0	0	0	0	0	0	0	0	0	0
07		9857	29	27	22	16	05	74	8	02	2	3	5	6	2	0	0	0	0	0	0	0	0	0	0	0	0
10		9856	30	29	18	15	05	74	8	02	2	1	5	6	0	0	0	0	0	0	0	0	0	0	0	0	0
13		9850	34	32	28	24	05	74	7	02	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16		9846	32	30	26	31	03	74	2	01	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19		9841	28	25	19	35	03	74	8	02	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22		9838	24	22	17	04	04	74	8	02	0	2	0	8	7	0	0	0	0	0	0	0	0	0	0	0	0
01	01	9836	26	24	19	04	04	74	0	01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04		9836	28	25	17	02	04	74	8	03	1	8	5	7	0	0	0	0	0	0	0	0	0	0	0	0	0
07		9837	26	23	16	04	05	74	8	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10		9830	32	29	23	36	04	74	8	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13		9825	31	29	26	29	05	74	7	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16		9830	29	27	23	29	06	74	8	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19		9831	25	24	22	30	05	74	8	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22		9832	26	25	23	27	05	74	8	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01	01	9842	25	24	21	30	03	74	8	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04		9853	25	23	17	02	04	74	8	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07		9871	26	23	16	36	04	74	8	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10		9881	29	26	21	04	07	74	7	01	2	7	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0
13		9891	27	26	25	02	07	66	8	71	2	8	5	6	5	0	0	0	0	0	0	0	0	0	0	0	0
16		9902	27	27	25	04	10	74	8	02	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19		9911	27	26	24	03	12	63	8	02	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
22		9921	26	25	23	03	09	66	8	02	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01	01	9922	26	25	22	02	12	63	8	02	0	7	8	5	5	5	5	0	0	0	0	0	0	0	0	0	0
04		9926	25	24	21	10	02	63	8	02	0	2	8	5	5	5	5	0	0	0	0	0	0	0	0	0	0
07		9922	26	24	19	31	03	66	8	02	0	2	7	5	5	6	6	0	0	0	0	0	0	0	0	0	0
10		9940	25	24	21	18	05	74	7	01	2	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13		9884	28	26																							

Results of Surface Observations,
WILKES MARCH 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE $\text{mb} \times 10^{-1}$	TEMPERATURES				SURFACE WIND			VISIBILITY VV	CLOUD AMOUNT OKtas	PRESENT WEATHER WW	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			EXTREME TEMPERATURES ANEMOMETER WIND RUN Points		
				DRY BULB °F	WET BULB °F	Dewpoint °F	Direction °x 10	Speed kt	Direction °	Speed kt				CLOUD TYPE C _L	Amount h	Base C _M	Cloud C _H	Low D _L	Middle D _M	High D _H		
10	01	9759	25	23	16	11	07	74	3	01	VV OKtas	WW	PRESENT WEATHER	LOW CLOUD	MIDDLE CLOUD	HIGH CLOUD	DIRECTION OF CLOUD MOVEMENT	MAXIMUM WIND GUST	ANEMOMETER WIND RUN miles	PRECIPITATION Points	EXTREME TEMPERATURES MAXIMUM MINIMUM	
	04	9768	24	22	16	17	09	74	8	03				1 3 0 9	1 2 5 5	7 7 0	0	3				36 24
	07	9770	28	26	21	16	04	74	7	02				2 2 7 5	5 6 0	0 0 0	3	3				
	10	9767	32	30	27	13	05	74	7	02				2 2 7 5	5 6 0	0 0 0	3	3				
	13	9766	34	31	26	18	07	74	6	01				2 1 5 6	0 0 0	0 0 0	2	2				
	16	9772	55	34	32	05	10	74	6	02				1 6 5 7	0 0 0	0 0 0	2	2				
	19	9785	31	29	24	05	15	74	8	02				2 8 5 7	0 0 0	0 0 0	2	2				
	22	9789	28	28	27	16	09	32	8	73				2 8 7 4	0 0 0	0 0 0	4	4				
	01	9788	27	27	27	08	03	12	8	71				7 8 0	0 0 0	0 0 0	3	3				
	04	9780	27	26	12	03	03	63	8	01				7 8 5	0 0 0	0 0 0	2	2				
11	07	9767	25	24	20	08	04	74	8	01				2 2 6 5	7 7 3	1 1 1	1	1				34 25
	10	9748	28	27	24	06	04	74	6	01				2 2 6 0	0 9 9	3 1 1	1	1				
	13	9729	29	28	25	13	02	74	6	01				2 2 2 0	0 9 9	3 1 1	1	1				
	16	9721	30	28	25	36	06	74	8	02				2 2 8 5	5 7 5	5 5 5	1	1				
	19	9719	27	26	24	03	17	74	8	02				2 2 2 0	5 5 5	5 5 5	1	1				
	22	9718	25	23	17	02	17	74	8	02				2 0 9 5	5 6 6	0 0 0	0	0				
	01	9728	25	23	19	09	01	58	8	70				2 8 5 6	5 6 6	0 0 0	2	2				
12	04	9733	27	25	20	00	00	59	8	70				2 2 8 5	5 5 5	0 0 0	1	1				31 23
	07	9739	27	25	20	08	14	58	8	70				2 2 8 5	5 5 5	0 0 0	1	1				
	10	9751	28	26	22	08	15	58	8	70				7 8 5 5	5 5 5	0 0 0	1	1				
	13	9766	31	29	26	02	12	56	4	01				7 2 2 5	7 7 7	0 0 0	1	1				
	16	9787	31	28	22	22	05	56	8	70				7 7 5 5	5 5 5	0 0 0	4	4				
	19	9805	31	30	27	36	05	74	8	02				2 2 9 5	5 5 5	0 0 0	0	0				
	22	9819	27	26	23	15	07	74	1	01				2 1 5 6	0 0 0	3 3 3	0	0				
13	01	9821	23	22	17	15	03	74	0	01				1 0 0 0	0 0 0	0 0 0	0	0				50 23
	04	9821	26	23	15	00	00	74	8	03				2 3 5 6	1 2 2	8 8 8	1	1				
	07	9804	27	25	18	09	20	74	8	03				2 2 6 5	2 2 2	8 8 8	1	1				
	10	9784	26	24	18	09	35	74	7	01				7 7 7 7	7 7 7 7	0 0 0	1	1				
	13	9751	28	26	22	09	30	74	8	37				3 6 5 5	3 3 3 3	3 3 3 3	2	2				
	16	9720	27	25	20	16	30	66	8	02				3 5 5 5	5 5 5 5	3 3 3 3	2	2				
	19	9670	29	28	26	11	38	16	8	38				3 8 5 5	5 5 5 5	3 3 3 3	2	2				
14	22	9658	30	28	24	14	22	63	8	02				3 8 5 5	5 5 5 5	3 3 3 3	0	0				33 27
	01	9599	29	28	27	10	48	52	8	36				2 8 5 6	5 6 6	3 3 3 3	0	0				
	04	9605	27	25	18	15	28	66	7	01				2 7 5 6	5 5 5 5	3 3 3 3	0	0				
	07	9624	30	27	19	13	07	74	7	01				2 3 5 5	5 5 5 5	3 3 3 3	0	0				
	10	9616	30	29	22	10	11	74	3	01				1 3 0 9	0 9 9 9	3 3 3 3	0	0				
	13	9629	33	29	23	32	04	74	1	01				1 1 0 9	9 7 7 0	1 1 1 1	1	1				
	16	9651	32	30	26	02	04	74	1	02				0 1 0 9	9 7 7 0	0 0 0 0	1	1				
15	19	9679	28	27	24	02	05	74	2	03				1 5 0 9	9 9 9 9	7 7 7 7	0	0				31 27
	22	9706	30	28	25	02	10	74	8	02				2 9 0 9	9 9 9 9	7 7 7 7	0	0				
	01	9762	28	27	23	02	12	66	8	02				6 8 5 5	5 5 5 5	0 0 0 0	2	2				
	04	9812	28	26	20	31	16	66	8	02				2 8 5 5	5 5 5 5	0 0 0 0	2	2				
	07	9857	29	26	21	30	12	66	8	02				2 8 5 5	5 5 5 5	0 0 0 0	2	2				
	10	9887	29	27	24	33	12	74	8	02				2 2 8 5	5 5 5 5	0 0 0 0	2	2				
	13	9909	30	27	18	32	08	74	7	01				2 6 5 5	5 5 5 5	0 0 0 0	2	2				
16	16	9950	29	29	28	02	15	16	8	71				7 7 7 7	7 7 7 7	0 0 0 0	0	0				28 25
	19	9961	28	27	25	03	10	74	6	01				7 6 5 5	5 5 5 5	0 0 0 0	0	0				
	22	9696	25	23	18	09	17	74	6	01				3 7 4 4	4 4 4 4	0 0 0 0	1	1				
	01	9674	28	27	24	09	46	0	39	3			3 7 3 7	3 7 3 7	0 0 0 0	2</td						

Results of Surface Observations,
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LOCAL STANDARD TIME		TEMPERATURES				SURFACE WIND		PRESENT WEATHER				LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE $\text{mb} \times 10^{-1}$	DRY BULB °F	WET BULB °F	DEW POINT °x 10	DIRECTION kt	SPEED °x 10	VISIBILITY VV	CLOUD AMOUNT Oktas	PAST WEATHER	LOW CLOUD TYPE CL h CM	MIDDLE CLOUD CH L DL M DM H DH	HIGH CLOUD CH L DL M DM H DH	DIRECTION OF MOVEMENT *x 10	SPEED kt	ANEMOMETER WIND RUM St.miles Points	PRECIPITATION	MAXIMUM °F	MINIMUM °F		
19	01	9796	29	28	2.5	00	00	74	8	02	2										
	04	9800	25	23	1.9	09	0.3	74	6	02	2										
	07	9810	25	23	1.5	09	1.0	74	4	02	1										
	10	9820	30	28	2.3	04	1.0	70	7	02	2										
	13	9826	31	29	2.6	03	0.5	74	7	02	2										
	16	9833	29	27	2.2	18	0.4	74	7	02	2										
	19	9843	26	25	2.2	12	0.4	74	7	02	2										
	22	9844	27	26	2.4	11	0.3	74	7	02	2										
20	01	9848	27	25	1.9	04	0.3	74	8	02	2	3	5	5	7	3				35	25
	04	9849	26	24	1.9	04	0.7	74	8	02	2	2	2	5	7	1					
	07	9848	27	25	2.1	05	0.7	74	8	02	2	2	2	5	7	1					
	10	9847	26	24	2.1	02	1.0	74	8	02	2	2	2	5	7	1					
	13	9843	27	25	2.1	04	0.5	74	8	02	2	2	2	5	7	1					
	16	9837	26	25	2.2	02	1.0	74	8	02	2	2	2	5	7	1					
	19	9831	25	25	2.4	19	0.5	10	74	8	02	2	2	2	5	7	1				
	22	9823	25	23	1.9	04	1.6	74	8	02	2	3	5	5	7	1				29	25
21	01	9816	25	23	2.0	04	1.8	74	8	02	2	2	2	5	5	5	1				
	04	9814	25	23	1.8	03	1.4	74	8	02	2	2	2	5	5	5	1				
	07	9818	23	21	1.6	03	1.6	74	8	02	2	2	2	5	5	5	8				
	10	9820	23	21	1.5	03	1.0	74	8	01	2	2	2	5	7	7					
	13	9823	25	23	2.0	02	1.4	58	8	71	2	2	2	5	5	5	1				
	16	9822	25	23	2.0	02	1.3	48	8	71	7	2	2	5	5	5	1				
	19	9825	25	24	2.0	03	1.7	32	8	75	7	2	2	5	5	5	1				
	22	9831	24	23	1.8	03	1.8	32	8	71	7	2	2	5	5	5	1			25	23
22	01	9857	24	22	1.7	03	20	48	8	36	3	4	5	5	5	1	1				
	04	9843	24	23	1.9	02	1.5	74	8	02	2	2	2	5	5	5	1				
	07	9854	23	22	1.8	02	21	05	58	8	71	7	2	2	5	5	4				
	10	9861	23	22	1.9	02	1.8	07	66	7	70	7	2	2	5	5	4				
	13	9864	21	19	1.4	05	0.5	74	8	03	7	1	1	5	5	5	4				
	16	9864	23	22	2.0	05	0.7	74	8	02	2	2	2	5	5	6	4				
	19	9855	18	18	1.5	00	0.0	74	7	01	7	6	6	5	5	6	2			24	18
	22	9851	20	19	1.4	02	27	06	74	8	03	2	8	0	9	3	2				
23	01	9838	17	16	1.0	22	03	74	8	02	2	2	2	5	7	0	0				
	04	9824	18	16	1.0	25	04	74	8	02	2	2	2	5	7	0	0				
	07	9810	15	14	1.1	31	07	74	8	02	2	2	2	5	7	0	0				
	10	9787	15	14	1.0	35	08	74	7	01	2	2	2	5	6	0	0				
	13	9772	16	15	1.1	34	09	66	8	71	2	2	2	5	6	0	0				
	16	9769	15	14	1.2	03	1.0	65	7	71	2	2	2	5	6	0	0				
	19	9760	11	10	0.6	08	0.9	74	2	01	7	7	7	5	5	6	0				
	22	9754	09	08	0.3	08	1.2	74	7	03	1	7	7	5	5	6	0				
24	01	9751	11	10	0.6	09	1.0	74	8	02	2	2	2	5	6	0	0				
	04	9753	15	14	0.9	16	0.7	74	7	02	2	2	2	5	6	0	0				
	07	9756	14	13	1.1	23	03	74	7	70	7	7	7	5	6	0	0				
	10	9769	15	14	1.2	27	05	66	7	71	2	2	2	5	6	0	0				
	13	9779	16	14	0.9	32	0.9	74	8	71	7	7	7	5	6	0	0				
	16	9796	15	14	1.2	32	0.5	74	7	01	7	7	7	5	6	0	0				
	19	9817	14	13	0.6	34	0.8	74	6	01	7	6	6	5	6	0	0				
	22	9827	14	13	1.0	10	74	7	02	2	7	7	5	6	0	0				15	09
25	01	9837	16	15	0.7	05	0.5	74	8	02	2	2	2	5	6	0	0				
	04	9837	16	15	1.0	15	15	48	8	71	7	8	8	5	6	0	0				
	07	9832	23	22	1.8	21	07	74	8	02	2	7	7	5	6	0	0				
	10	9821	24	23	2.1	03	23	32	8	58	7	8	8	5	6	0	0				
	13	9821	23	22	2.1	09	2.5	48	7	36	7	7	7	5	6	0	0				
	16	9826	24	23	1.8	15	0.8	74	7	02	3	7	7	5	6	0	0				
	19	9822	26	23	1.7	09	1.2	74	8	03	3	8	8	5	6	0	0				
	22	9813	26	23	1.4	09	1.0	74	8	02	2	8	8	5	6	0	0			26	13
26	01	9837	22	21	1.8	09	20	66	7	02	2	7	7	5	6	0	0				
	04	9796	22	21	1.9	09	0.2	66	7	02	2	7	7	5	6	0	0				
	07	9769	23	21	1.5	14	1.0	65	7	01	2	1	1	5	6	0	0				
	10	9757	23	22	1.1	10	0.6	74	2	01	1	1	1	5	6	0	0				
	13	9713	26	23	1.4	06	0.9	74	1	02	0	1	1	5	6	0	0				
	16	9707	24	22	1.6	06	0.5	74	2	02	0	1	1	5	6	0	0				
	19	9706	21	19	1.1	06	0.9	74	1	01	0	0	0	5	6	0	0				
	22	9715	22	20	1.5	04	1.0	74	2	02	0	1	0	5	6	0	0			27	17
27	01	9732	23	22	0.3	15	66	8	03	2	1	1	5	5	7	1	0	0	1		
	04	9766	25	24	36	10	66	8	02	2	1	1	5	5	7	1	0	0	1		
	07	9793	24	23	02	10	66	8	01	2	1	1	5	5	7	0	0	0	1		
	10	9814	25	24	20	01	0.9	74	0	01	2	1	1	5	5	7	0	0	0	1	
	13	9829	24	23	1.8	06	12	74	8	02	2	1	1	5	5	7	0	0	0	1	
	16	9835	25	24	20	03	16	52	8	71	7	8	8	5	5	7	0	0	0	1	
	19	9854	26	25	22	04	18	74	8	02	2	8	8	5	5	5	1	0	0	1	
	22	9870	25	24</td																	

Results of Surface Observations,
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DAY	HOUR	LOCAL STANDARD TIME		TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER		LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES					
		STATION LEVEL PRESSURE		DRY BULB $\text{mb} \times 10^{-1}$	WET BULB °F	DEW POINT °F	DIRECTION $^{\circ} \times 10$	SPEED kt			Okta	Okta	Okta	Okta	Okta	C _L TYPE	h	C _M BASE	C _H MIDDLE	D _L HIGH	D _M MIDDLE	D _H LOW	DIRECTION $^{\circ} \times 10$	SPEED kt	St. miles	Points	MAXIMUM °F	MINIMUM °F
				%	%	%					Okta	Okta	Okta	Okta	Okta	C _L	h	C _M	C _H	D _L	D _M	D _H						
28	01	9894	27	26	24	02	0.8	66	6	01	2	6	5	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04	9911	25	24	22	06	1.0	66	2	01	1	2	5	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07	9925	25	23	20	04	0.9	74	6	02	1	1	0	9	2	0	0	0	0	0	0	0	0	0	0	0	0	0
	10	9931	28	25	19	03	0.5	74	6	02	2	1	0	9	3	0	0	0	0	0	0	0	0	0	0	0	0	0
	13	9940	28	25	17	00	0.0	74	7	02	2	2	1	0	9	3	0	0	0	0	0	0	0	0	0	0	0	0
	16	9945	24	22	14	11	0.2	74	8	02	2	1	0	9	2	0	0	0	0	0	0	0	0	0	0	0	0	0
	19	9948	21	18	07	14	0.3	74	8	02	2	1	0	9	2	0	0	0	0	0	0	0	0	0	0	0	0	0
	22	9945	20	17	08	14	0.5	74	8	02	2	1	0	9	3	0	0	0	0	0	0	0	0	0	0	0	0	0
	01	9935	19	17	14	04	0.2	66	8	02	2	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04	9918	18	17	14	04	0.2	66	5	01	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	07	9908	14	13	09	07	0.2	66	8	02	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10	9994	21	19	09	05	06	74	8	02	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13	9885	24	21	12	36	0.3	74	8	02	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	16	9883	19	16	05	06	0.6	74	8	02	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	19	9871	16	14	03	13	0.2	74	8	02	0	0	0	9	7	0	0	0	0	0	0	0	0	0	0	0	0	0
	22	9856	16	14	05	14	0.4	74	7	02	0	1	0	9	3	0	0	0	0	0	0	0	0	0	0	0	0	0
	01	9850	11	10	07	06	0.5	66	8	02	2	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04	9843	11	10	06	16	12	66	9	02	2	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07	9840	08	08	01	16	12	74	8	02	2	1	0	9	3	0	0	0	0	0	0	0	0	0	0	0	0	0
	10	9834	08	07	00	16	18	74	8	02	2	1	0	9	3	0	0	0	0	0	0	0	0	0	0	0	0	0
30	13	9829	08	07	01	17	19	74	8	02	2	1	0	9	3	0	0	0	0	0	0	0	0	0	0	0	0	0
	16	9821	08	08	02	16	13	63	8	02	2	1	0	9	3	0	0	0	0	0	0	0	0	0	0	0	0	0
	19	9822	05	05	501	16	15	74	6	02	2	1	0	9	3	0	0	0	0	0	0	0	0	0	0	0	0	0
	22	9813	06	05	00	16	10	66	2	01	1	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	01	9803	02	01	501	16	12	66	2	02	1	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	04	9793	04	03	502	16	06	66	2	02	1	1	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	07	9786	05	04	503	18	05	74	6	02	2	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10	9778	09	09	04	06	04	74	6	02	2	1	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0
	13	9773	12	11	07	17	02	74	7	02	2	3	2	7	5	5	0	0	0	0	0	0	0	0	0	0	0	0
	16	9768	08	07	00	08	05	74	7	02	2	2	1	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0
	19	9775	07	07	00	07	09	74	7	02	2	2	2	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0
	22	9778	07	06	503	06	08	74	1	01	2	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Results of Surface Observations,
WILKES APRIL, 1962

Results of Surface Observations,
WILKES APRIL, 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE mb x 10 ⁻¹	TEMPERATURES				SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		EXTREME TEMPERATURES				
				DRY BULB	WET BULB	DEWPNT	= x 10	DIRECTION	SPEED				C _L	TYPE	BASE	MIDDLE	HIGH	D _L	D _M	D _H	KT	SPD x 10	ANEMOMETER WIND RUN	PRECIPITATION	°F MAXIMUM
				°F	°F	°F	°F	kt	VV	Oktas	ww	%	Oktas	Amount	C _L	C _M	C _H	D _L	D _M	D _H	kt	St. miles	Points		
10	01	9884	12	12	08	2	17	08	74	0	02													13 502	13 502
	04	9867	11	09	2	17	17	74	0	02															
	07	9854	11	09	01	18	15	74	1	02															
	10	9838	10	09	02	18	10	74	1	02															
	13	9806	13	12	08	18	15	74	0	01															
	16	9782	06	05	00	18	20	74	0	02															
	19	9744	03	03	503	18	27	74	0	02															
11	01	9728	01	01	505	18	11	74	0	02															
11	04	9677	501	501	506	18	11	74	0	02															
11	07	9676	01	01	505	27	08	74	0	02															
11	10	9664	504	504	510	06	12	74	2	03															
11	13	9675	01	01	505	05	23	74	7	03															
11	16	9709	02	01	506	05	07	74	7	02															
11	19	9718	01	01	506	16	10	74	8	02															
11	22	9725	502	503	511	18	14	74	8	02															
12	01	9737	509	509	517	16	15	66	7	01															
12	04	9745	511	511	518	16	25	48	7	38															
12	07	9769	518	518	525	17	34	16	8	38															
12	10	9819	523			18	38	04		39															
12	13	9865	521			18	27	08		39															
12	16	9889	524	524	534	18	30	08	1	57															
12	19	9871	520	521	527	18	30	08	1	57															
12	22	9812	513	513	519	18	18	58	0	36															
13	01	9775	510	511	516	18	14	74	0	01															
13	04	9768	508	508	514	16	12	74	0	02															
13	07	9793	509	509	516	18	22	74	0	02															
13	10	9827	510	510	516	18	25	48	0	38															
13	13	9848	510	510	517	20	20	66	0	02															
13	16	9862	508	508	514	18	17	74	0	02															
13	19	9871	511	511	519	18	20	74	0	02															
13	22	9869	508	509	516	16	17	74	0	02															
14	01	9877	510	510	517	17	23	74	0	02															
14	04	9867	506	507	513	18	15	74	0	02															
14	07	9861	507	507	514	18	15	74	1	03															
14	10	9870	501	501	508	18	06	74	5	03															
14	13	9874	00	501	510	15	06	74	8	02															
14	16	9857	03	03	502	00	00	74	8	02															
14	19	9830	02	02	505	04	02	74	8	02															
14	22	9804	12	11	12	05	74	8	02																
15	01	9758	13	12	04	15	05	74	8	02															
15	04	9735	13	12	08	30	08	32	8	71															
15	07	9688	08	08	05	09	48	00		39															
15	10	9672	11	10	06	09	40	00		39															
15	13	9644	13	13	10	09	40	00		39															
15	16	9607	15	15	12	09	52	00		39															
15	19	9567	17	17	14	09	64	00		39															
15	22	9570	18	17	15	09	60	00		39															
16	01	9593	18	18	15	09	52	00		39															
16	04	9598	21	20	15	11	33	58	8	36															
16	07	9614	21	20	18	11	30	32	8	36															
16	10	9654	26	24	19	14	24	66	6	36															
16	13	9680	27	23	13	11	15	61	8	71															
16	16	9708	25	24	20	09	17	66	8	02															
16	19	9742	26	24	18	16	03	66	8	21															
16	22	9760	24	23	21	00	00	48	8	71															
17	01	9773	24	23	21	00	00	58	8	71															
17	04	9769	24	23	21	09	20	58	8	56															
17	07	9762	24	23	21	07	27	32	8	36															
17	10	9752	24	24	22	05	31	00		39															
17	13	9732	28	27	25	06	30	02	8	36															
17	16	9716	21	20	16	08	41	01	8	39															
17	19	9691	19	18	15	07	41	00		39															
17	22	9653	19	18	15	09	55	01		38															
18	01	9554	19	18	14	09	50	48	8	56															
18	04	9638	18	17	12	09	50	58	8	56															
18	07	9636	17	15	09	09	55	32	8	36															
18	10	9644	17	17	14	09	57	65	8																

Results of Surface Observations,

WILKES APRIL, 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE mb x 10 ⁻²	TEMPERATURES			SURFACE WIND		VISIBILITY OKtas	CLOUD AMOUNT OKtas	PRESENT WEATHER	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			EXTREME TEMPERATURES								
				DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION ° x 10	SPEED KT				C ₁	C ₂	C ₃	LOW	MIDDLE	HIGH	D _L	D _M	D _H	DIR	SPD KT	SL	Wind Run Minutes					
																					MAX	MIN							
19	01	9755	19	18	14	14	18	02	74	7	02	5	5	5	5	5	5	5	5	5	5	32	15	19	11				
04	9760	16	14	07	05	08	74	07	74	6	02	5	5	5	5	5	5	5	5	5	5								
07	9779	19	18	13	13	13	27	07	48	8	70	7	7	8	5	5	5	5	5	5	5								
10	9783	18	18	14	15	15	27	07	48	8	71	7	5	5	5	5	5	5	5	5	5								
13	9787	16	15	10	09	06	58	08	71	7	5	5	5	5	5	5	5	5	5	5	5								
16	9794	15	15	12	10	02	48	08	71	7	8	5	5	5	5	5	5	5	5	5	5								
19	9803	18	17	13	18	08	48	08	71	2	8	5	5	5	5	5	5	5	5	5	5								
22	9806	11	10	05	09	07	74	08	02	2	0	0	9	0	0	7													
20	01	9806	13	12	06	15	63	65	8	03	2	8	0	9	1														
04	9801	15	14	10	36	02	48	8	70	7	9	5	5	5	4	4	4	4	4	4	4								
07	9805	13	13	09	15	08	32	8	70	7	5	5	5	5	5	4	4	4	4	4	4								
10	9803	14	13	08	14	05	58	8	71	2	8	0	9	2															
13	9790	12	12	09	17	13	48	8	71	7	8	0	9	2															
16	9783	11	11	08	16	10	48	8	71	7	8	0	9	2															
19	9776	09	09	05	18	14	48	8	71	2	8	0	9	2															
22	9762	08	08	04	16	14	56	8	22	7	1	0	9	2	7	4	4	4	4	4	4	18	19	15	07				
21	01	9747	05	04	502	16	15	74	8	02	2	1	5	5	5	8													
04	9727	04	04	502	16	17	74	8	02	2	0	0	9	0	0	7													
07	9713	06	06	01	16	08	74	8	02	2	0	0	9	0	0	7													
10	9701	06	05	501	18	07	74	6	01	2	1	5	6	0	0	7													
13	9694	07	07	00	16	02	74	1	01	1	0	0	9	0	0	1													
16	9691	06	06	01	00	00	74	0	02	0	0	0	9	0	0	1													
19	9684	07	06	501	00	00	74	0	01	0	0	0	9	0	0	0													
22	9572	06	05	503	00	00	74	0	02	0	0	0	9	0	0	0									09	02			
22	01	9659	05	05	01	00	74	0	02	0	0	0	9	0	0	0	18	19								20	02		
04	9650	07	06	502	20	07	74	1	03	0	0	0	9	0	0	0	7	4	4	4	4	4	4	02	12	20	02		
07	9639	05	05	501	18	01	74	3	03	0	1	5	6	0	0	0	7	4	4	4	4	4	4	02	12	20	02		
10	9628	07	06	00	05	02	74	8	03	2	2	5	6	3	2	7	4	4	4	4	4	4	02	12	20	02			
13	9627	16	15	10	36	10	74	8	02	2	2	5	7	2	2	7	4	4	4	4	4	4	02	12	20	02			
16	9638	18	17	12	36	08	53	8	03	2	2	5	7	2	2	7	4	4	4	4	4	4	02	12	20	02			
19	9647	18	18	15	15	01	58	8	71	2	8	5	5	5	5	5	7	4	4	4	4	4	4	02	12	20	02		
22	9660	19	19	16	22	04	32	8	71	7	8	5	5	5	5	5	7	4	4	4	4	4	4	02	12	20	02		
23	01	9667	20	19	17	18	05	48	8	71	7	2	5	5	5	1	0	4	4	4	4	4	4	02	12	20	02		
04	9681	19	18	14	14	05	58	8	71	7	2	5	5	5	2	7	4	4	4	4	4	4	02	12	20	02			
07	9691	14	13	10	32	04	32	8	71	7	1	5	5	5	2	7	4	4	4	4	4	4	02	12	20	02			
10	9712	17	17	14	00	00	24	8	71	7	8	0	9	2	2	7	4	4	4	4	4	4	02	12	20	02			
13	9720	17	16	12	15	02	24	8	71	7	8	0	9	2	2	7	4	4	4	4	4	4	02	12	20	02			
16	9755	17	16	13	00	00	24	8	71	7	8	0	9	2	2	7	4	4	4	4	4	4	02	12	20	02			
19	9744	16	16	15	12	00	3	44	8	71	7	8	0	9	2	2	7	4	4	4	4	4	4	02	12	20	02		
22	9760	15	14	00	00	0	3	5	8	02	7	8	0	9	0	0	0	4	4	4	4	4	4	02	12	20	02		
24	01	9769	14	13	05	00	00	56	8	02	7	0	0	9	0	0	7	4	4	4	4	4	4	07	14	15	502		
04	9782	12	11	06	04	05	58	8	71	2	2	5	5	5	2	7	4	4	4	4	4	4	07	14	15	502			
07	9789	12	11	07	02	07	1	06	53	8	22	7	1	5	5	5	2	7	4	4	4	4	4	07	14	15	502		
10	9800	12	12	08	07	01	11	06	53	8	02	2	2	5	5	5	2	7	4	4	4	4	4	07	14	15	502		
13	9807	13	13	08	06	08	58	5	02	2	2	5	5	5	2	7	4	4	4	4	4	4	07	14	15	502			
16	9818	10	09	04	05	07	53	8	02	2	2	5	7	2	2	7	4	4	4	4	4	4	07	14	15	502			
19	9828	08	07	01	13	03	74	8	01	0	0	0	9	0	0	0	0	4	4	4	4	4	4	07	14	15	502		
22	9842	00	00	501	11	05	74	1	01	0	0	0	9	0	0	0	0	4	4	4	4	4	4	07	14	15	502		
25	01	9840	501	502	512	00	00	74	1	01	1	1	0	9	3	0	0	0	0	0	0	0	0	0	0	0	0	0	
04	9840	501	501	510	00	00	74	0	01	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
07	9843	501	502	512	04	04	74	0	00	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10	9844	00	00	500	506	04	10	74	0	02	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	9835	05	05	00	00	03	09	74	1	03	0	1	0	9	7	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	9827	00	00	501	505	05	41	74	1	01	0	1	0	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
19	9817	02	01	506	04	10	74	1	01	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22	9799	502	508	04	05	74	0	01	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26	01	9769	505	506	513	00	00	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04	9752	518	508	515	04	04	74	0	00	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07	9742	507	507	517	00	00	74	0	00	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	9732	00	00	501	510	00	00	74	7	00	0	8	0	9	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	9714	10	10	07	16	10	16	8	71	1	8	5	5	5	5	5	7	0	0	0	0	0	0	0	0	0	0		
16	9705	15	14	09	20	27	62	6	02	7	6	0	9	2	2	5	7	0	0	0	0	0	0	0	0	0	0		
19	9699	16	15	08																									

Results of Surface Observations,
WILKES APRIL, 1962

LOCAL STANDARD TIME		STATION LEVEL PRESSURE mb x 10 ⁻¹	TEMPERATURES			SURFACE WIND			VISIBILITY Oktas	CLOUD AMOUNT Oktas	PAST WEATHER			LOW CLOUD			MIDDLE CLOUD			HIGH CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		
DAY	HOUR		DRY BULB °F	WET BULB °F	DEP. POINT °F	DIRECTION x 10	SPEED kt	DIR.			AMOUNT	TYPE	C _L	C _M	C _H	D _L	D _M	D _H	LOW	MIDDLE	HIGH	DIRECTION	SPEED kt	Anemometer Wind Run St. miles	Points	MAXIMUM °F	MINIMUM °F	
28	01	9762	03	02	504	16	15	58	8	36	2	3	5	7	0	7	4											
	04	9769	03	02	506	16	15	58	8	36	2	3	5	7	0	7	4											
	07	9772	03	02	505	16	12	62	8	02	3	1	5	5	0	7	4											
	10	9781	07	06	500	17	08	66	8	02	2	1	5	6	2	0	4											
	13	9795	04	03	502	17	05	74	2	01	2	2	5	6	0	0	4											
	16	9810	501	501	507	17	05	74	2	01	1	1	0	9	2	1	0											
	19	9822	04	04	501	17	19	74	1	01	1	1	0	9	4	0	0											
	22	9835	05	04	503	16	14	74	8	03	1	R	0	9	4	0	0											
29	01	9847	02	02	505	16	15	66	7	02	2	7	0	9	7	0	0											
	04	9850	501	502	510	16	12	66	0	01	1	0	0	9	0	0	0											
	07	9854	503	503	511	16	08	74	0	00	0	0	0	9	0	0	0											
	10	9855	502	503	513	18	04	74	3	03	0	0	0	9	0	0	0											
	13	9853	501	501	508	18	05	74	8	03	1	0	0	9	0	0	0											
	16	9839	02	01	505	17	04	74	8	03	2	8	0	9	9	0	0											
	19	9810	05	04	504	16	08	74	8	02	2	8	0	9	9	0	0											
	22	9749	03	03	501	18	11	08	8	71	2	8	0	9	7	0	0											
30	01	9703	08	08	04	17	09	08	8	71	7	8	7	8	7	8	0											
	04	9594	09	09	06	16	10	08	5	71	7	8	7	8	7	8	0											
	07	9700	11	10	07	16	03	12	8	71	7	8	7	8	7	8	0											
	10	9700	09	09	05	18	11	16	8	71	7	8	7	8	7	8	0											
	13	9675	09	09	05	18	12	48	8	70	7	6	5	7	7	1	0											
	16	9657	05	04	503	18	07	66	8	22	7	6	5	7	7	1	0											
	19	9647	04	03	503	18	05	74	1	01	2	1	5	7	0	0	0											
	22	9654	05	03	512	35	03	74	1	01	1	1	5	7	0	0	0											

Results of Surface Observations,
WILKES MAY, 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE mb x 10 ⁻¹	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER			LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			EXTREME TEMPERATURES			
				DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION °x 10	KILOMETERS KT			OKtas	WW	W	OKtas	C _L	h	C _M	C _H	D _L	D _M	D _H	= x 10 KILOMETERS KT	SLIMES	PRECIPITATION POINTS	MAXIMUM °F	MINIMUM °F
01	01	9649	03	03	508	17	10	74	5	02	1	0	0	9	0	1										
04		9556	01	01	507	00	00	65	5	02	1	0	0	9	0	0	1									
07		9533	502	502	507	18	03	74	6	02	2	0	0	9	0	1										
10		9666	03	03	506	14	01	74	6	01	1	1	5	7	0	1										
13		9689	02	02	507	19	02	74	7	03	1	7	5	7												
16		9701	04	04	503	31	02	74	8	03	2	8	5	7												
19		9711	02	02	508	03	10	74	8	02	2	8	5	7												
22		9725	05	05	00	05	06	74	7	01	2	7	5	7												
01	01	9739	07	07	02	04	06	61	7	71	2	1	5	7	7	0	0	2	2	2	2	16	14	07	504	
04		9753	06	05	501	05	07	61	5	71	2	5	0	9	2	8										
07		9765	06	06	01	05	05	48	8	71	2	8	0	9	2											
10		9779	07	07	01	00	00	53	8	71	7	8	0	9	2											
13		9789	07	07	01	00	00	53	8	71	7	8	0	9	2											
16		9796	07	07	02	00	00	63	8	71	7	8	0	9	2											
19		9803	07	06	00	04	03	48	8	70	7	8	5	6												
22		9806	08	07	02	00	00	48	8	71	7	8	5	6												
01	01	9811	05	05	01	18	02	63	5	01	7	5	5	6	0	0										
04		9810	06	06	01	05	04	63	8	70	7	1	5	6	2											
07		9809	08	07	501	00	00	58	8	70	7	1	5	6	2											
10		9816	10	09	00	00	00	62	8	71	2	8	0	9	2											
13		9803	08	07	00	14	04	58	8	70	7	8	5	6	2											
16		9798	02	01	511	13	06	74	7	01	7	1	5	6	0											
19		9772	501	506	03	03	74	0	01	70	0	0	0	9	0	0										
22		9769	500	506	00	00	74	0	02	1	0	0	9	0	0											
01	01	9815	508	508	514	00	00	74	0	02	7	5	5	6	0	0										
04		9828	506	506	513	20	04	74	0	02	7	5	5	6	0	0										
07		9840	505	505	511	05	06	74	0	02	7	5	5	6	0	0										
10		9848	502	502	508	36	02	74	0	02	7	2	5	6	0	0										
13		9867	503	504	512	00	00	74	1	03	7	2	5	6	0	0										
16		9874	502	503	509	00	00	74	1	02	7	2	5	6	0	0										
19		9884	04	03	505	07	10	74	0	02	7	2	5	6	0	0										
22		9878	01	01	504	18	05	74	0	02	7	2	5	6	0	0										
01	01	9857	05	04	502	09	06	74	0	02	7	2	5	6	0	0										
04		9849	501	501	506	16	02	74	0	02	7	2	5	6	0	0										
07		9842	02	01	508	17	03	74	5	03	1	1	0	9	4	1										
10		9836	04	03	506	18	10	74	7	03	1	1	0	9	4	2										
13		9833	03	02	507	16	05	74	7	02	2	2	1	0	9	3	2									
16		9841	06	05	504	03	02	74	5	01	2	2	1	0	9	3	2									
19		9859	03	02	505	20	02	74	1	02	2	2	1	0	9	0	1									
22		9881	11	10	02	00	00	74	2	03	1	0	0	9	0	0										
01	01	9901	15	15	05	00	00	74	8	03	1	8	5	6												
04		9908	15	15	05	00	00	74	8	02	2	2	5	6												
07		9925	13	11	04	03	01	74	7	01	2	2	5	6												
10		9935	11	11	06	32	02	74	7	01	2	2	5	6												
13		9949	08	07	03	00	00	74	7	02	2	2	5	6												
16		9945	02	02	503	00	00	74	2	01	1	0	0	9	0	1										
19		9948	01	01	507	16	07	74	2	02	1	0	0	9	0	0										
22		9941	502	508	16	05	74	6	03	1	6	5	5	0	0											
01	01	9914	01	01	507	15	10	74	2	01	2	0	0	9	0	1										
04		9890	02	01	507	18	07	74	2	02	2	0	0	9	0	1										
07		9881	03	03	504	18	05	74	8	03	1	8	5	5	6	4										
10		9893	03	02	503	18	08	74	7	01	2	1	0	9	3	4										
13		9913	01	00	507	18	03	74	1	02	2	1	0	9	3	4										
16		9898	00	501	505	16	07	74	7	02	2	7	0	9	2	8										
19		9870	04	03	508	16	14	74	8	02	2	8	0	9	2	2										
22		9820	12	10	02	18	09	74	8	02	2	8	0	9	0	0										
01	01	9765	16	14	07	18	10	66	8	02	2	8	5	7												
04		9752	12	11	03	00	00	66	8	02	3	8	5	7												
07		9765	09	08	02	13	12	48	8	3	3	8	5	7												
10		9769	05	05	01	18	15	32	8	3	3	8	5	7												
13		9773	04	03	03	16	17	66	8	02	2	1	0	9	0	0										
16		9773	02	02	504	15	13	74	6	01	2	6	0	9	3	0	</td									

Results of Surface Observations,
WILKES MAY 1962

Results of Surface Observations,
WILKES MAY, 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES															
				DRY BULB	WET BULB	DEWPONT	DIRECTION	SPEED				DRY BULB	WET BULB	DEWPONT	CLOUD TYPE	LOW CLOUD	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	MAXIMUM WIND RUN	MINIMUM WIND RUN													
				mb x 10 ⁻¹	°F	°F	°F	°x 10	kt	mb x 10 ⁻¹	°F	°F	°F	OKtas	WW	W	OKtas	C _L	C _M	C _H	D _L	D _M	D _H	°x 10	kt	St.miles	Points	°F	°F									
19	01	9698	15	15	12	09	35	04	8	37	3	5	5	6																								
	04	9701	18	18	15	07	25	04	8	57	3	5	5	6																								
	07	9704	19	18	15	07	35	00		59	3																											
	10	9721	16	16	13	05	35	00		59	3																											
	13	9758	16	16	14	06	35	02	8	36	2	4	0	3	0																							
	16	9779	16	16	14	05	25	32	8	36	3	4																										
	19	9815	14	14	11	20	13	62	7	01	3	7	0	9	7																							
	22	9841	04	03	502	04	10	74	7	02	2	7	0	9	7																							
20	01	9864	01	00	507	04	05	74	7	02	2	7	0	9	3																20	03						
	04	9870	09	08	03	13	08	74	8	02	2	8	5	7																								
	07	9889	02	01	505	36	07	74	7	02	2	7	5	7																								
	10	9901	01	00	509	05	05	74	8	03	2	8	5	7																								
	13	9903	00	500	506	05	05	74	8	02	2	8	5	7																								
	16	9910	502	502	508	05	08	74	8	02	2	8	5	7																								
	19	9911	05	05	500	13	05	74	8	02	2	8	5	7																								
	22	9911	03	03	502	16	05	74	8	02	2	8	5	7																								
21	01	9908	504	504	508	06	03	74	8	02	2	8	0	9	1																							
	04	9901	503	503	508	00	00	74	2	01	1	0	0	9	3																							
	07	9891	502	502	507	16	02	74	7	03	1	7	0	9	3																							
	10	9877	505	505	510	18	02	74	6	01	2	4	0	9	3																							
	13	9866	504	505	511	00	00	74	0	02	0	0	0	9	0																							
	16	9867	507	507	513	24	03	74	0	02	0	0	0	9	0																							
	19	9852	510	510	516	07	02	74	2	03	0	0	0	9	0																							
	22	9823	507	507	513	00	00	74	8	03	1	0	0	9	0																	01	510					
22	01	9772	503	503	507	00	00	66	8	03	2	8	0	9	1																							
	04	9742	03	03	501	00	00	66	8	71	2	8	5	6																								
	07	9725	09	09	05	20	14	58	8	71	2	8	5	6																								
	10	9744	07	07	03	16	13	68	8	71	7	8	5	6																								
	13	9745	07	07	03	16	09	48	8	70	7	8	5	6																								
	16	9748	04	03	503	03	10	74	8	02	2	8	5	6																								
	19	9748	05	04	502	03	05	74	8	02	2	8	5	7																								
	22	9748	02	02	502	17	04	74	1	01	1	1	0	9	7																							
23	01	9759	09	08	04	00	00	66	8	03	1	6	0	9	7																							
	04	9762	09	08	04	02	03	66	8	03	2	8	0	9	7																							
	07	9789	14	13	09	00	00	66	8	02	2	8	5	6																								
	10	9813	15	14	08	13	04	66	8	02	2	8	5	6																								
	13	9835	13	13	08	00	00	66	7	01	2	7	0	9	7																							
	16	9857	15	14	09	05	04	66	8	03	2	8	5	6																								
	19	9877	14	13	09	04	09	63	8	02	2	8	5	6																								
	22	9893	10	06	36	10	10	58	8	70	7	8	5	6																								
24	01	9891	04	04	501	02	02	66	8	03	1	8	5	6																								
	04	9887	07	07	06	02	02	66	8	02	2	8	5	6																								
	07	9867	13	13	09	00	00	66	8	02	2	8	5	6																								
	10	9835	12	11	07	18	06	66	8	02	2	8	5	6																								
	13	9875	22	20	15	04	12	66	8	02	2	8	5	6																								
	16	9746	20	19	17	09	58	00	59	3	02	2	8	5	6																							
	19	9745	20	19	09	45	00	59	3	02	2	8	5	6																								
	22	9742	22	20	10	50	00	59	3	02	2	8	5	6																								
25	01	9779	23	22	20	16	05	66	8	02	2	8	0	9	2																							
	04	9789	20	19	17	15	05	66	8	02	2	8	0	9	2																							
	07	9820	17	17	14	03	07	66	8	01	1	2	0	9	3																							
	10	9847	11	09	00	18	10	74	5	03	1	1	0	9	3				</td																			

Results of Surface Observations,
WILKES MAY, 1962

LOCAL STANDARD TIME		STATION LEVEL PRESSURE				TEMPERATURES			SURFACE WIND			VISIBILITY			PRESENT WEATHER			LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			EXTREME TEMPERATURES	
DAY	HOUR	in $\times 10^{-3}$	°F	°F	°F	Dry Bulb	Wet Bulb	Dewpoint	Direction	Speed	Cloud Amount	VV	Oktas	WW	Oktas	C _L	C _H	C _M	D _L	D _M	D _H	Direction	Speed	Anemometer Wind Run Strokes	Points	MAXIMUM	MINIMUM	
28	01	99001	516	516	523	11	03	74	0	0.2	0	0	9	0	0	1												
	04	99000	512	512	518	04	05	74	1	0.3	0	0	9	0	0	2	6	6	6	6	6	6	6	07	15	503	517	
	07	9907	507	507	512	32	07	66	8	0.3	1	8	0	0	9	2	2	8	8	8	8	8	8	8	8	8		
	10	9931	506	506	512	32	03	74	8	0.2	2	8	0	0	9	2	2	8	8	8	8	8	8	8	8	8		
	13	9957	506	506	511	04	06	65	8	0.2	2	8	0	0	9	2	2	8	8	8	8	8	8	8	8	8		
	16	9997	509	509	514	05	07	63	7	0.1	2	7	0	0	9	2	2	7	8	8	8	8	8	8	8	8		
	19	10024	509	509	515	17	09	74	8	0.2	2	7	0	0	9	2	2	7	8	8	8	8	8	8	8	8		
	22	10050	508	508	513	18	07	48	8	71	2	2	8	0	0	9	2	2	8	8	8	8	8	8	8	8		
29	01	10054	507	507	512	18	07	48	R	71	7	8	0	0	9	2	2	8	8	8	8	8	8	8	8	8	8	
	04	10064	503	503	508	35	04	48	R	71	7	8	0	0	9	2	2	8	8	8	8	8	8	8	8	8	8	
	07	10068	505	505	510	02	05	63	R	0.2	7	1	0	0	9	2	2	8	8	8	8	8	8	8	8	8	8	
	10	10074	505	505	509	04	05	63	R	71	2	5	0	0	9	2	2	8	8	8	8	8	8	8	8	8	8	
	13	10064	503	503	509	03	05	66	R	0.1	7	0	0	0	9	0	0	7	0	0	0	0	0	0	0	0	0	
	16	10067	505	505	511	03	05	66	R	0.1	2	0	0	0	9	0	0	5	0	0	0	0	0	0	0	0	0	
	19	10074	506	507	513	03	05	74	R	0.1	2	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	
	22	10074	505	505	511	36	03	74	R	0.2	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	
30	01	10072	502	502	507	05	09	74	R	0.2	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	
	04	10076	501	501	506	05	04	74	R	0.2	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	
	07	10073	506	506	512	16	03	74	R	0.2	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	
	10	10074	505	505	511	18	07	74	R	0.3	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	
	13	10067	500	500	505	16	03	74	R	0.2	2	0	0	0	9	0	0	7	0	0	0	0	0	0	0	0		
	16	10077	502	503	509	17	02	74	R	0.2	2	8	0	0	9	2	2	8	8	8	8	8	8	8	8	8		
	19	10090	500	500	506	14	04	74	R	0.2	2	8	0	0	9	2	2	8	8	8	8	8	8	8	8	8		
	22	10092	04	03	503	15	10	74	R	0.2	2	8	0	0	9	2	2	8	8	8	8	8	8	8	8	8	0.4	506
31	01	10069	05	05	00	18	05	48	R	71	2	8	0	0	9	2	2	8	8	8	8	8	8	8	8	8	8	
	04	10025	03	02	503	03	08	32	R	71	7	8	0	0	9	2	2	8	8	8	8	8	8	8	8	8	8	
	07	9950	15	15	11	07	37	00	39	7	39	3	0	0	9	2	2	8	8	8	8	8	8	8	8	8	8	
	10	9925	17	17	13	07	40	00	39	3	0	0	0	0	9	2	2	8	8	8	8	8	8	8	8	8		
	13	9952	18	17	13	06	25	48	R	36	2	1	5	5	0	9	2	2	8	8	8	8	8	8	8	8		
	16	9976	14	13	07	22	05	66	R	02	2	8	0	0	9	2	2	8	8	8	8	8	8	8	8	8		
	19	10003	14	13	09	16	02	48	R	70	7	8	0	0	9	2	2	8	8	8	8	8	8	8	8	8		
	22	10026	15	15	11	29	10	66	R	02	2	8	0	0	9	2	2	8	8	8	8	8	8	8	8	8	20	03

Results of Surface Observations,
WILKES JUNE, 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND			VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD			HIGH CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN	EXTREME TEMPERATURES		
				DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VV					Oktas	ww	w	Oktas	C _L	h	C _M	C _H	D _L	D _M	D _H	Direction	Speed	Maximum	Wind Run	Points	Maximum	Minimum
				tab x 10 ⁻¹	°F	°F	°F	°x 10	kt																						
01	01	10035	515	14	9	25	08	66	8	02	8	0	9	2																	
	04	10040	506	05	00	05	05	75	1	01	1	1	0	0																	
	07	10056	512	02	513	18	05	73	7	03	1	7	0	9	4	0															
	10	10058	506	506	512	19	12	74	0	01	2	0	0	9	0	0															
	13	10042	516	506	512	18	15	74	0	02	0	0	0	9	0	0															
	16	10027	507	514	18	23	74	0	02	0	0	0	9	0	0																
	19	10020	508	508	516	25	02	0	0	0	0	0	9	0	0																
	22	10018	502	503	510	18	25	74	0	02	0	0	0	9	0	0															
02	01	10018	504	504	510	18	25	74	0	02	0	0	0	9	0	0															
	04	10023	504	504	511	18	27	74	0	02	0	0	0	9	0	0															
	07	10027	516	506	512	18	16	74	0	02	0	0	0	9	0	0															
	10	10025	503	509	18	22	74	1	03	0	0	0	9	0	0	1															
	13	10001	516	506	512	16	22	74	2	02	0	0	0	9	0	0	1														
	16	9992	506	506	513	15	15	74	1	02	1	1	0	9	1	0															
	19	10005	515	505	511	16	17	74	0	02	0	0	0	9	0	0															
	22	10018	511	511	517	15	09	74	0	02	0	0	0	9	0	0															
03	01	10016	507	507	513	05	03	74	0	02	0	0	0	9	0	0															
	04	10024	510	510	515	14	03	74	0	02	0	0	0	9	0	0															
	07	10045	508	508	513	05	02	74	1	03	0	1	0	9	7	0															
	10	10068	510	510	516	06	14	74	5	02	2	8	5	7	7	0															
	13	10080	508	509	514	01	07	74	8	02	2	8	8	5	7	0															
	16	10094	509	509	514	36	05	74	8	02	2	8	8	5	7	0															
	19	10089	511	511	517	05	05	74	8	02	2	8	8	5	7	0															
	22	10103	508	508	513	04	08	74	8	02	2	8	8	5	7	0															
04	01	10107	506	507	511	09	06	74	8	02	2	8	5	7	7	0															
	04	10107	507	507	512	12	10	74	8	02	2	8	5	7	7	0															
	07	10107	510	510	515	14	05	74	8	02	2	8	5	7	7	0															
	10	10109	507	507	512	09	06	62	8	02	2	8	5	7	7	0															
	13	10114	506	506	511	00	00	62	8	02	2	8	5	7	7	0															
	16	10108	505	505	511	12	06	62	8	02	2	8	5	7	7	0															
	19	10108	503	503	509	18	05	58	8	02	2	8	5	7	7	0															
	22	10097	508	508	513	19	06	62	8	01	2	8	5	7	7	0															
05	01	10090	511	511	516	04	03	74	0	01	2	0	0	9	0	0															
	04	10090	512	512	518	03	08	74	0	01	2	0	0	9	0	0															
	07	10093	508	508	513	09	02	74	0	02	0	0	0	9	0	0															
	10	10093	508	508	513	36	02	74	0	02	0	0	0	9	0	0															
	13	10068	513	514	519	00	00	74	0	02	0	0	0	9	0	0															
	16	10092	511	511	517	14	04	74	0	02	0	0	0	9	0	0															
	19	10094	513	513	519	36	02	74	0	02	0	0	0	9	0	0															
	22	10113	510	510	516	00	00	74	0	02	0	0	0	9	0	0															
06	01	10094	513	513	519	15	07	74	2	01	1	0	0	9	0	0															
	04	10094	512	512	518	00	00	74	0	01	2	0	0	9	0	0															
	07	10097	513	513	519	15	03	74	0	01	0	0	0	9	0	0															
	10	10099	513	513	519	11	03	74	0	02	0	0	0	9	0	0															
	13	10104	511	511	517	11	02	74	0	02	0	0	0	9	0	0															
	16	10111	513	515	523	18	03	74	0	02	0	0	0	9	0	0															
	19	10123	515	515	524	15	02																								

Results of Surface Observations,
WILKES JUNF. 1962

LOCAL STANDARD TIME	JAN	HOUR	STATION LEVEL PRESSURE $\text{mb} \times 10^{-2}$	TEMPERATURES		SURFACE WIND		VISIBILITY mi	CLOUD AMOUNT Oktas	PRESENT WEATHER	LOW CLOUD			MIDDLE CLOUD			HIGH CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			ANEROID METER WIND RUN St. miles	PRECIPITATION Points	EXTREME TEMPERATURES		
				DRY BULB °F	WET BULB °F	DEN POINT °	DIRECTION ° x 10				AMOUNT	TYPE	C _L	C _H	C _M	D _L	D _M	D _H	DIRECTION	SPEED = x 10 KT	Wind Run mi	MAXIMUM TEMPERATURE °F	MINIMUM TEMPERATURE °F							
											AMOUNT	TYPE	C _L	C _H	C _M	D _L	D _M	D _H	DIRECTION	SPEED KT										
10	01	9972	16	16	13	20	17	66	8	0.3	1	8	5	7							3									
	04	9970	16	15	11	15	12	66	8	0.2	2	8	5	7							3									
	07	9962	21	20	17	14	09	74	5	0.1	2	2	6	5	7						3									
	10	9969	16	15	10	18	06	74	8	0.3	2	3	5	7	7						3									
	13	9971	17	16	09	08	07	62	8	0.1	2	2	2	5	7	7	1				3									
	16	9982	19	17	10	15	09	74	8	0.2	2	8	5	7							3									
	19	10039	23	21	15	12	16	66	8	0.2	2	8	5	7							3									
	22	10014	22	19	13	09	05	62	8	0.2	2	8	5	7							3									
11	01	10023	21	19	13	07	18	74	8	0.2	2	8	5	7							13	30						24	05	
	04	10026	23	21	14	09	26	52	3	0.6	3	7	5	7																
	07	10040	21	20	15	11	33	48	8	36	3	7	5	7																
	10	10066	23	20	09	12	14	66	7	0.1	3	7	5	7	0															
	13	10069	23	20	11	14	15	74	7	0.1	2	7	0	9	7		1													
	16	10068	24	20	07	14	15	74	7	0.5	2	7	0	9	7															
	19	10074	18	16	08	14	14	74	8	70	2	8	0	9	7															
	22	10067	16	15	09	04	02	74	1	0.1	7	1	0	9	7	0					0.9	42						25	11	
12	01	10066	10	09	02	02	04	74	1	0.1	2	1	5	7	0	0	0													
	04	10058	15	13	05	20	07	74	0	0.2	2	0	0	9	0	0	0													
	07	10048	11	10	02	18	02	74	1	0.2	0	1	0	9	0	0	0													
	10	10043	13	11	00	00	00	74	0	0.1	0	0	0	9	0	0	0													
	13	10035	10	08	504	09	02	74	0	0.2	0	0	0	9	0	0	0													
	16	10018	06	05	504	05	10	74	0	0.2	0	0	0	9	0	0	0													
	19	10011	06	05	505	19	09	74	0	0.2	0	0	0	9	0	0	0													
	22	9986	07	05	508	00	00	74	0	0.0	0	0	0	9	0	0	0												21	01
13	01	9972	02	01	510	04	03	74	0	0.2	0	0	0	9	0	0	0													
	04	9952	02	01	510	16	02	74	0	0.2	0	0	0	9	0	0	0													
	07	9943	04	03	509	16	02	74	1	0.2	0	0	0	9	0	0	0													
	10	9924	02	01	510	16	02	74	8	0.3	2	8	0	9	1	0	0													
	13	9906	01	01	510	06	00	66	7	0.1	2	7	0	9	0	0	0													
	16	9896	06	04	508	18	05	62	8	0.1	2	7	0	9	0	0	0													
	19	9871	06	05	504	17	10	62	8	0.3	2	8	0	9	1	0	0													
	22	9860	11	10	00	18	15	66	8	0.2	2	8	0	9	0	0	0												14	01
14	01	9850	10	10	04	16	02	52	70	0	0.2	0	0	0	0	0	0													
	04	9833	14	15	08	16	02	56	70	0	0.2	0	0	0	0	0	0													
	07	9833	12	11	07	03	05	56	70	0	0.2	0	0	0	0	0	0													
	10	9816	12	11	06	23	06	63	70	0	0.2	0	0	0	0	0	0													
	13	9802	11	10	04	03	08	63	70	0	0.2	0	0	0	0	0	0													
	16	9802	11	10	04	03	06	63	70	0	0.2	0	0	0	0	0	0													
	19	9806	09	08	502	05	09	74	0	0.2	0	0	0	9	7	0	0													
	22	9810	07	05	509	04	10	74	2	0.1	1	2	0	9	3	0	0												19	501
15	01	9816	04	02	511	09	10	74	8	0.2	1	1	0	9	3	0	0													
	04	9829	01	00	511	11	11	74	1	0.1	2	1	5	7	0	0	0													
	07	9838	00	501	508	08	04	74	0	0.2	0	0	0	9	0	0	0													
	10	9842	501	501	506	01	04	74	7	0.3	1	7	0	9	2	0	0													
	13	9842	05	04	505	06	08	74	8	0.2	2	7	0	9	2	0	0													
	16	9844	07	07	00	02	06	58	8	0.1	2	8	0	9	2	0	0													
	19	9847	04	04	501	02	06	58	8	0.1	2	8	0	9	2	0	0													
	22	9841	06	05	503	02	07	66	8	0.2	1	5	0	9	3	0	0												09	505
16	01	9834	05	05	501	02	07	66	8	0.2	2	8	0	9	7	0	0													
	04	9824	04	03	505	03	06	66	8	0.2	2	8	0	9	7	0	0													
	07	9813	04	03	505	04	04	66	8	0.2	2	8	0	9	7	0	0													
	10	9801	04	04	501	11	04	74	8	0.2	2	8	0	9	2	0	0													
	13	9783	05	05	501	12	04	74	8	0.2	2	8	0	9	2	0	0													
	16	9779	08	07	501	18	04	74	8	0.2	2	8	0	9	2	0	0													
	19	9768	01	00	510	13	04	74	6	0.1	2	0	0	9	0	0	0													
	22	9760	04	03	506	04	05	74	5	0.2	1	5	0	9	3	0	0													
17	01	9756	03	02	506	13	03	74	1	0.1	2	1	0	9	3	0	0													
	04	9742	01	01	515	13	04	74	5	0.3	2	5	0	5	5	7	0	0												
	07	9708	00	01	510	14	12	74	8	0.1	2	5	0	5	5	7	1	0	0											
	10	9697	03	02	506	17	07	74	7	0.1	2	5	0	5	5	7	2	0	0											
	13	9686	05	04	504	20	05	62	8	0.2	2	8	0	9	2	0	0													
	16	9685	05	04	505	15	05																							

Results of Surface Observations,
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LOCAL STANDARD TIME		TEMPERATURES						SURFACE WIND		PRESENT WEATHER		LOW CLOUD		MIDDLE CLOUD		HIGH CLOUD		DIRECTION OF CLOUD MOVEMENT		MAXIMUM WIND GUST		EXTREME TEMPERATURES				
		STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEWPONT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	PAST WEATHER	AMOUNT	TYPE	BASE	C _L	C _M	C _H	D _L	D _M	D _H	=x10	kt	St. miles	Points	MAXIMUM	MINIMUM	
DAY	Hour	mb x 10 ⁻¹	°F	°F	°F	% x 10	kt	VV	Oktas	ww	w	Oktas	h	C _M	C _H	D _L	D _M	D _H	=x10	kt	St. miles	Points	°F	°F		
28	01	9882	505	505	512	11	05	74	2	05	0	2	0	9	7	0	6	6								
	04	9878	503	504	511	14	08	74	5	03	1	5	0	9	7	0										
07		9869	501	504	504	12	08	58	0	5	2	8	5	7												
10		9874	502	503	512	04	10	66	1	01	7	1	5	5	0	8										
13		9877	500	501	512	11	02	74	1	01	7	1	5	5	0	8										
16		9876	01	00	508	14	07	58	8	70	7	R	0	9	2											
19		9835	12	11	07	09	40	00	39	3	70	7	R	0	9	2										
22		9827	14		09	35	00	39	3																	
29	01	9853	14	12	05	13	15	62	5	01	3	5	0	9	7	0										
	04	9815	12	10	501	13	12	66	2	01	1	2	0	9	7	0										
07		9780	00	500	507	16	18	74	0	01	0	0	0	9	0	0										
10		9719	506	506	514	16	17	74	1	02	0	1	0	9	0	0										
13		9685	507	507	518	18	07	74	0	02	0	0	0	9	0	0										
16		9665	507	508	521	09	04	78	0	02	0	0	0	9	0	0										
19		9647	504	505	518	03	11	78	0	02	0	0	0	9	0	0										
22		9645	504	505	512	03	13	73	0	02	0	0	0	9	0	0										
30	01	9637	504	504	510	04	15	74	0	02	0	0	0	9	0	0										
	04	9642	504	504	510	02	15	74	0	02	0	0	0	9	0	0										
07		9662	501	502	512	02	10	74	0	02	0	0	0	9	0	0										
10		9681	04	03	507	36	06	74	7	02	2	7	5	7												
13		9711	11	10	04	02	20	58	8	70	3	8	5	7												
16		9762	07	06	501	36	08	58	8	70	7	8	5	5												
19		9799	13	03	502	05	05	66	8	02	7	8	5	5												
22		9806	10	09	04	05	07	56	8	02	2	8	5	5												

Results of Surface Observations,
WILKES JULY, 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE inb x 10 ⁻¹	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			EXTREME TEMPERATURES							
				DRY BULB	WET BULB	DEWPONT	DIRECTION	SPEED				Oktas	WW	W	C _L	i	C _M	C _H	D _L	D _M	D _H	ANEROID METER WIND RUN	PRECIPITATION		
				°F	°F	°x 10		kt														St. miles	Points	MAXIMUM °F	MINIMUM °F
01	01	9813	10	10	06	09	30	00	39	3															
	04	9820	11	11	07	09	40	00	39	1															
	07	9833	11	11	08	09	42	00	39	3															
	10	9847	10	09	03	09	42	48	8	36															
	13	9881	10	08	503	02	07	74	1	01	5	0	0	0	0	0	0	0	0	0	0				
	16	9898	09	07	506	15	07	74	0	01	0	0	0	0	0	0	0	0	0	0	0				
	19	9908	03	03	503	16	04	74	1	03	0	0	0	0	0	0	0	0	0	0	0				
	22	9908	02	01	506	02	06	74	0	01	0	0	0	0	0	0	0	0	0	0	0				
	01	9917	05	04	502	03	10	74	0	01	0	0	0	0	0	0	0	0	0	0	0				
	04	9942	26	06	00	03	08	74	0	01	0	0	0	0	0	0	0	0	0	0	0				
02	07	9925	10	10	04	32	07	74	0	03	0	0	0	0	0	0	0	0	0	0	0				
	10	9925	05	05	501	18	05	66	0	02	0	0	0	0	0	0	0	0	0	0	0				
	13	9922	05	04	502	16	03	66	0	02	0	0	0	0	0	0	0	0	0	0	0				
	16	9920	04	00	16	06	66	0	02	0	0	0	0	0	0	0	0	0	0	0	0				
	19	9911	05	05	00	18	02	66	0	02	0	0	0	0	0	0	0	0	0	0	0				
	22	9893	04	04	502	02	13	66	0	02	0	0	0	0	0	0	0	0	0	0	0				
	01	9873	34	04	502	02	15	74	0	02	0	0	0	0	0	0	0	0	0	0	0				
	04	9866	22	01	505	03	12	74	0	02	0	0	0	0	0	0	0	0	0	0	0				
	07	9864	00	500	506	04	10	74	0	02	0	0	0	0	0	0	0	0	0	0	0				
	10	9860	01	501	507	04	05	74	0	02	0	0	0	0	0	0	0	0	0	0	0				
03	13	9868	01	502	510	03	09	74	0	02	0	0	0	0	0	0	0	0	0	0	0				
	16	9884	02	02	502	04	10	74	0	02	0	0	0	0	0	0	0	0	0	0	0				
	19	9904	05	05	505	09	10	74	0	02	0	0	0	0	0	0	0	0	0	0	0				
	22	9915	03	03	503	09	09	74	0	02	0	0	0	0	0	0	0	0	0	0	0				
	01	9918	00	500	506	18	04	74	0	02	0	0	0	0	0	0	0	0	0	0	0				
	04	9925	502	503	509	07	03	74	0	02	0	0	0	0	0	0	0	0	0	0	0				
	07	9925	503	503	508	03	10	74	0	02	0	0	0	0	0	0	0	0	0	0	0				
	10	9928	504	504	511	10	08	74	0	02	0	0	0	0	0	0	0	0	0	0	0				
	13	9926	504	504	511	07	09	74	0	02	0	0	0	0	0	0	0	0	0	0	0				
	16	9928	503	503	509	15	06	74	0	02	0	0	0	0	0	0	0	0	0	0	0				
05	19	9928	505	505	510	04	06	66	0	02	0	0	0	0	0	0	0	0	0	0	0				
	22	9925	505	505	511	08	04	74	0	01	0	0	0	0	0	0	0	0	0	0	0				
	01	9901	507	507	513	15	05	74	0	02	0	0	0	0	0	0	0	0	0	0	0				
	04	9887	506	506	512	00	00	74	0	02	0	0	0	0	0	0	0	0	0	0	0				
	07	9847	506	506	512	14	03	74	0	02	0	0	0	0	0	0	0	0	0	0	0				
	10	9827	512	512	518	04	05	74	0	02	0	0	0	0	0	0	0	0	0	0	0				
	13	9805	510	510	515	02	03	62	0	01	0	0	0	0	0	0	0	0	0	0	0				
	16	9801	513	513	519	02	04	62	0	01	0	0	0	0	0	0	0	0	0	0	0				
	19	9782	510	510	515	04	05	66	0	01	0	0	0	0	0	0	0	0	0	0	0				
	22	9779	507	508	518	14	02	74	0	02	0	0	0	0	0	0	0	0	0	0	0				
06	01	9776	509	509	515	09	05	74	0	02	0	0	0	0	0	0	0	0	0	0	0				
	04	9776	507	507	513	16	03	74	0	02	0	0	0	0	0	0	0	0	0	0	0				
	07	9775	505	506	511	14	03	74	0	02	0	0	0	0	0	0	0	0	0	0	0				
	10	9778	510	510	515	04	04	74	1	02	0	0	0	0	0	0	0	0	0	0	0				
	13	9779	509	509	515	17	03	74	6	03	1	0	0	0	0	0	0	0	0	0	0				
	16	9786	512	512	516	13	03	74	1	01	2	0	0	0	0	0	0	0	0	0	0				
	19	9786	511	512	523	00	00	74	1	02	2	0	0	0	0	0	0	0	0	0	0				
	22	9786	515	515	520	04	07	74	8	03	1	0	0	0	0	0	0	0	0	0	0				
	01	9786	503	508	508	08	09	66	8	02	1	0	0	0	0	0	0	0	0	0	0				
	04	9789	505	505	510	18	06	66	0	02	0	0	0	0	0	0	0	0	0	0	0				
07	07	9796	507	507	513	18	09	66	0	02	0	0	0	0	0	0	0	0	0	0	0				
	10	9803	508	508	513	17	05	62	0	02	0	0	0	0	0	0	0	0	0	0	0				
	13	9816	510	510	516	17	07	62	0	02	0	0	0	0	0	0	0	0	0	0	0				
	16	9813	509	509	514	07	13	62	0	02	0	0	0	0	0	0	0	0	0	0	0				
	19	9803	511	511	518	06	10	66	0	02	0	0	0	0	0	0	0	0	0	0	0				
	22	9782	510	510	522	08	06	66	0	01	2	0	0	0	0	0	0	0	0	0	0				
	01	9721	510	510	516	18	04	66	0	02	0	0	0	0	0	0	0	0	0	0	0				
	04	9664	509	509	516	08	05	66	0	02	0	0	0	0	0	0	0	0	0	0	0				
	07	9603	02	02	503	19	08	66	0	02	0	0	0	0	0	0	0	0	0	0	0				
	10	9506	07	07	01	23	22	66	0	02	0	0	0												

Results of Surface Observations
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Results of Surface Observations,
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LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE $\text{mb} \times 10^3$	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	LOW CLOUD			MIDDLE CLOUD			HIGH CLOUD			DIRECTION OF CLOUD MOVEMENT	MAXIMUM WIND GUST $\text{kt} \times 10$	EXTREME TEMPERATURES						
				DRY BULB °F	WET BULB °F	DEP POINT °F	DIRECTION kt	SPEED ft/sec				WW	Clouds	WW	Clouds	C _L	Type	C _M	Base	C _H	D _L	D _M	D _H	Direction	Speed	MAXIMUM WIND RUN Points	MINIMUM °F		
									VV	W	W	W	W	W	D _L	D _M	D _H												
19	01	9796	57	65	505	04	07	66	8	02	2	B	5	4															
	04	9793	52	01	506	18	08	66	8	02	2	B	5	4															
	07	9813	51	00	507	18	08	66	8	02	2	B	5	4															
	10	9840	50	501	512	18	04	66	8	02	2	B	5	4															
	13	9852	56	507	516	18	15	66	8	02	2	B	5	4															
	16	9874	512	513	524	18	09	74	1	01	2	1	0	0															
	19	9847	507	508	516	18	05	62	8	03	2	B	6	3	2	0													
	22	9810	506	514	18	07	62	8	03	2	B	5	6																
20	01	9694	59	68	02	09	30	00	37	2																			
	04	9664	14	08	09	26	00	37	2																				
	07	9557	12	12	10	09	35	00	37	2																			
	10	9574	16	16	14	09	33	00	39	3																			
	13	9728	69	07	503	21	07	66	8	02	7	2	6	5	2														
	16	9765	55	04	502	18	06	16	8	71	7	9	6	5	0														
	19	9796	64	03	502	05	02	66	8	01	7	0	0	9	0														
	22	9806	66	06	01	03	12	66	8	02	0	8	6	4															
21	01	9823	52	02	503	04	10	66	8	02	2	B	6	4															
	04	9833	54	03	508	04	12	66	8	02	2	B	6	4															
	07	9847	58	07	501	20	58	8	36	2	2	B	6	4															
	10	9854	57	05	506	20	16	74	8	02	2	2	7	5	7														
	13	9854	55	04	506	31	13	74	7	01	2	2	7	5	0														
	16	9856	501	501	510	03	12	74	5	01	2	2	5	5	0														
	19	9850	501	502	514	04	13	74	8	02	2	B	6	5															
	22	9847	501	00	507	10	74	8	02	2	B	5	5																
22	01	9823	50	501	511	12	66	8	02	2	B	6	4																
	04	9806	51	00	509	18	04	66	8	02	2	B	6	4															
	07	9782	52	02	509	18	05	66	8	02	2	B	5	4															
	10	9769	55	03	504	14	06	66	8	02	2	B	5	4															
	13	9755	508	509	522	03	05	74	1	02	2	B	5	0															
	16	9747	508	508	515	03	05	74	8	02	2	B	5	0															
	19	9747	53	504	516	04	09	66	8	02	2	B	5	5															
	22	9742	504	02	514	02	12	66	8	02	2	B	5	5															
23	01	9740	507	507	514	04	09	74	8	02	2	B	5	3															
	04	9739	505	506	516	04	12	74	8	02	2	B	5	3															
	07	9735	506	506	512	04	16	74	8	02	2	B	5	3															
	10	9735	506	506	513	04	14	74	8	02	2	B	5	3															
	13	9725	504	505	513	04	14	74	8	02	2	B	5	3															
	16	9721	505	505	512	18	08	58	8	71	2	B	5	3															
	19	9713	505	504	516	18	08	66	6	01	2	B	5	3															
	22	9715	503	504	514	04	05	48	8	71	7	B	5	5															
24	01	9721	507	507	513	18	05	48	7	71	7	5	6	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	04	9730	510	510	518	14	02	62	4	01	7	4	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	07	9738	512	512	518	11	04	74	2	01	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	10	9749	513	513	518	09	04	74	5	02	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	13	9749	514	514	519	00	00	74	1	01	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	16	9755	514	514	521	18	04	74	1	01	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	19	9759	519	519	524	03	01	74	1	01	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	22	9761	521	526	18	04	74	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		</																											

Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE $\text{mb} \times 10^{-1}$	TEMPERATURES				SURFACE WIND			PRESENT WEATHER	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		EXTREME TEMPERATURES						
DAY	HOUR		DRY BULB °F	WET BULB °F	Dew Point °F	$\times 10$	DIRECTION	SPEED kt	VISIBILITY mi		C_L	AMOUNT Oktas	C_M	AMOUNT Oktas	C_H	AMOUNT Oktas	D_L	D_M	D_H	$\times 10$	kt	Anemometer Wind Run St. miles	Points	MAXIMUM °F	MINIMUM °F
28	01	9830	523	523	528	04	07	32	2	10	4	0	0	0	0	0	0	0	0	0	0	0	0	504	525
	04	9811	529	510	517	14	02	74	0	01	4	0	0	0	0	0	0	0	0	0	0	0	0		
	07	9794	506	506	515	18	19	74	0	02	3	0	0	0	0	0	0	0	0	0	0	0	0		
	10	9782	514	515	525	17	24	66	1	03	3	1	5	5	0	0	0	0	0	0	0	0	0		
	13	9764	519	519	524	18	30	32	1	36	3	0	0	0	0	0	0	0	0	0	0	0	0		
	16	9769	519	519	524	18	25	62	1	01	3	1	0	0	0	0	0	0	0	0	0	0	0		
	19	9749	521	521	527	18	24	62	1	02	0	1	0	0	0	0	0	0	0	0	0	0	0		
29	22	9743	524	524	530	20	18	74	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0		
	01	9746	525	525	532	20	14	74	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0		
	04	9740	524	524	532	19	10	74	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0		
	07	9729	521	521	530	18	07	74	3	03	0	1	5	7	0	0	0	0	0	0	0	0	0		
	10	9721	521	521	530	17	02	74	3	02	1	3	0	0	0	0	0	0	0	0	0	0	0		
	13	9705	524	524	529	02	03	74	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0		
	16	9702	525	525	531	00	00	74	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0		
	19	9711	524	524	530	04	05	74	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0		
30	22	9728	528	528	534	04	07	74	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0		
	01	9737	533	533	538	18	05	74	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0		
	04	9744	532	532	538	18	02	74	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0		
	07	9757	532	532	538	18	03	74	6	03	1	0	0	0	0	0	0	0	0	0	0	0	0		
	10	9776	530	530	536	00	00	74	8	02	2	0	0	0	0	0	0	0	0	0	0	0	0		
	13	9789	529	529	534	18	01	74	5	01	2	0	0	0	0	0	0	0	0	0	0	0	0		
	16	9803	531	531	537	18	01	74	6	02	2	0	0	0	0	0	0	0	0	0	0	0	0		
	19	9820	531	531	537	09	04	66	5	02	2	0	0	0	0	0	0	0	0	0	0	0	0		
31	22	9830	529	529	535	16	03	66	3	01	1	0	0	0	0	0	0	0	0	0	0	0	0		
	01	9827	525	525	531	00	00	74	8	03	1	0	0	0	0	0	0	0	0	0	0	0	0		
	04	9830	524	524	530	04	04	62	8	71	2	0	0	0	0	0	0	0	0	0	0	0	0		
	07	9834	522	522	529	10	03	32	8	71	7	1	0	0	0	0	0	0	0	0	0	0	0		
	10	9834	524	524	529	18	05	66	1	01	7	1	0	0	0	0	0	0	0	0	0	0	0		
	13	9823	517	523	523	18	03	66	8	02	7	2	0	0	0	0	0	0	0	0	0	0	0		
	16	9812	514	514	523	16	05	66	8	02	7	2	0	0	0	0	0	0	0	0	0	0	0		
	19	9796	515	515	526	16	04	66	8	02	7	2	0	0	0	0	0	0	0	0	0	0	0		
22	9769	521	521	527	16	10	66	1	01	1	1	0	0	0	0	0	0	0	0	0	0	0	0	506	526
																								*	

Results of Surface Observations,
WILKES AUGUST 1962

LOCAL STANDARD TIME		TEMPERATURES				SURFACE WIND		VISIBILITY				CLOUD AMOUNT				PRESENT WEATHER				PAST WEATHER				DIRECTION OF CLOUD MOVEMENT				MAXIMUM WIND GUST		ANEMOMETER WIND RUN		PRECIPITATION		EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION ° x 10	SPEED kt	VV	Oktas	WW	Oktas	L	Type	LOW CLOUD	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	D _L	D _M	D _H	Direction	Speed	St. Miles	Points	MAXIMUM °F	MINIMUM °F							
		wb x 10 ⁻¹	°F	°F	°F	° x 10	kt	VV	Oktas	WW	Oktas	L	Type	LOW CLOUD	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	D _L	D _M	D _H	Direction	Speed	St. Miles	Points	MAXIMUM °F	MINIMUM °F							
01	01	9732	523	523	530	11	05	74	3	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	510	527				
01	04	9698	521	521	528	00	00	74	2	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	510	527				
01	07	9669	519	519	526	18	02	74	2	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	510	527				
01	10	9657	520	520	526	18	05	74	1	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	510	527				
01	13	9647	513	514	525	00	00	74	1	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	510	527				
01	16	9648	513	514	527	11	04	74	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	510	527				
01	19	9654	513	514	529	09	10	74	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	510	527				
01	22	9650	516	517	526	03	05	74	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	510	527				
02	01	9629	523	523	531	09	03	74	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	511	529			
02	04	9615	517	517	525	09	02	74	1	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	511	529				
02	07	9608	518	518	525	04	06	74	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	511	529				
02	10	9617	517	517	525	01	08	66	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	511	529				
02	13	9623	519	519	526	01	08	66	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	511	529				
02	16	9637	521	521	526	04	08	66	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	511	529				
02	19	9650	522	522	526	04	08	66	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	511	529				
02	22	9657	525	525	531	04	08	66	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	511	529				
03	01	9671	529	529	535	04	05	74	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	512	533				
03	04	9684	527	527	535	09	05	74	1	03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	512	533				
03	07	9691	527	527	535	14	05	74	6	03	1	1	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	512	533				
03	10	9693	528	528	535	00	00	74	1	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	512	533				
03	13	9694	530	530	536	22	05	74	1	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	512	533				
03	16	9688	527	527	535	18	05	74	1	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	512	533				
03	19	9701	525	525	531	04	04	74	0	01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	512	533				
03	22	9705	519	519	524	20	08	74	3	03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	512	533				
04	01	9718	519	519	528	04	06	74	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	513	539			
04	04	9729	512	513	529	18	05	74	2	03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	513	539			
04	07	9742	510	510	518	00	00	58	7	71	1	7	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	513	539			
04	10	9757	506	506	515	04	04	16	8	71	7	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	513	539			
04	13	9763	503	503	511	00	00	32	8	70	7	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	513	539			
04	16	9779	514	505	516	03	06	66	6	22	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	513	539			
04	19	9803	525	506	516	13	09	66	6	01	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	513	539			
04	22	9816	502	503	514	21	04	74	0	01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
05	01	9842	505	505	512	36	02	74	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
05	04	9860	505	504	505	00	00	74	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
05	07	9871	503	504	513	08	02	74	1	03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
05	10	9874	507	507	507	31	04	74	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
05	13	9884	504	504	513	18	04	74	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
05	16	9881	504	504	513	00	00	74	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
05	19	9891	508	508	516	10	07	31	48	6	36	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
05	22	9877	510	516	09	02	74	3	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
06	01	9870	513	513	523	18	03	74	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
06	04	9862	508	508	517	18	03	74	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
06	07	9859	505	505	514	18	05	74	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
06	10	9861	02	02	504	17	06	74	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
06	13	9857	01	01	508	18	04	74	0	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
06	16	9850	501	502	508	05	10	66	6	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
06	19	9847	03	02	506	13	11	66	6	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
06	22	9819	06	05	505	09	12	66	6	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
07	01	9801	08	00	504	20	03	10	26	48	7	36	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
07	04	9798	08	08	508	03	10	11	18	58	7	36	3	2	2	0																			

Results of Surface Observations,
WILKES AUGUST 1962

LOCAL STANDARD TIME		STATION LEVEL PRESSURE mb x 10 ⁻¹	TEMPERATURES			SURFACE WIND			VISIBILITY mi	PRESENT WEATHER	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			ANEROID WIND RUN St.miles	PRECIPITATION Points	EXTREME TEMPERATURES					
DAY	HOUR		DRY BULB °F	WET BULB °F	Dew Point °F	Direction ° x 10	Kt	SPEED mi x 10 ⁻¹			Oktas	ww	w	Oktas	C _L	h	C _M	C _H	D _L	D _M	D _H	Direction ° x 10	Kt	mi	mi		
10	01	9684	68						09	55	00		39	3											20	08	
	04	9709	14							55	00		39	3													
	07	9745	18	18	14					40	01	6	39	3	2	5	4	5	7	0	0	0					
	10	9789	17							35	16	8	39	3	4	5	7	0	0	0							
	13	9759	20							44	15	8	39	3	4	5	7	0	0	0							
	16	9610	16							72	00		39	3													
	19	9566	18							82	00		39	3													
11	22	9561	15						09	60	00		39	3												25	17
	01	9542	13							62	00		39	3	2	5	7	0	0	0							
	04	9666	22	20	17	17				37	66	8	02	3	3	7	5	5	5	5	5						
	07	9776	23	22	19	02				18	66	7	02	2	2	7	5	5	5	5	5						
	10	9826	19	18	15	05				65	8	02	2	2	5	5	5	5	5	5	5						
	13	9857	22	21	17	06				21	66	8	02	2	2	5	5	5	5	5	5						
	16	9864	23	21	17	09				30	32	8	35	3	5	5	5	5	5	5	5						
12	19	9843	23	22	19	08			07	40	00		39	3	3	5	5	5	5	5	5				26	21	
	22	9798	25							58	00		39	3	3	5	5	5	5	5	5						
	01	9794	26							65	00		39	3													
	04	9839	24							60	00		39	3													
	07	9883	23	23	21	08				45	00		39	3													
	10	9883	23							48	00		39	3													
	13	9883	23							48	00		39	3													
13	16	9864	24						09	52	00		39	3											22	19	
	19	9854	22							50	00		39	3													
	22	9832	22							60	00		39	3													
	01	9782	22							66	00		39	3													
	04	9708	22							82	00		39	3													
	07	9738	20							72	00		39	3													
	10	9754	20							70	00		39	3													
14	13	9759	20						09	60	00		39	3											21	16	
	16	9795	20							34	4	38	3														
	19	9847	20							34	4	38	3														
	22	9833	19							33	40	39	3														
	01	9820	19							30	01	38	3														
	04	9782	19	18	15	09				22	01	38	3														
	07	9749	20	19	13	09				20	02	8	38	3	8	5	5	5	5	5	5						
15	10	9718	21	20	15	06			09	03	08	8	71	3	8	5	5	5	5	5	5				22	19	
	13	9707	21	21	18	03				33	07	32	8	71	7	8	6	6	6	6	6	6					
	16	9718	21	20	18	07				27	11	16	8	71	7	8	6	6	6	6	6	6					
	19	9776	16	16	12	31				24	16	8	71	7	8	6	6	6	6	6	6						
	22	9841	16	15	10	33				60	8	02	7	3	8	6	4	4	4	4	4						
	01	9904	14	13	08	04				30	01	37	3														
	04	9915	17	16	10	06				22	66	7	01	7	7	0	0	0	0	0	0	0					
16	07	9921	19	17	12	04			09	22	48	8	36	2	2	5	5	5	5	5	5	5			21	15	
	10	9939	19	19	16	04				03	56	8	70	7	8	5	5	5	5	5	5	5					
	13	9945	22	21	18	02				17	74	8	02	7	8	5	5	5	5	5	5	5					
	16	9951	20	14	14	16				14	74	8	02	7	8	5	5	5	5	5	5	5					
	19	9952	19	18	14	08				07	58	8	71	2	2	5	5	5	5	5	5	5					
	22	9935	21	20	17	09				35	09	8	37	3	8	6	4	4	4	4	4	4					
	01	9948	20							35	04		37	3	2	5	5	5	5	5	5	5					
17	04	9965	21	20	16	09			09	25	58	2	36	3	2	5	5	5	5	5	5	5			21	10	
	07	9986	18	16	07	06				12	74	1	01	3	1	5	5	5	5	5	5	5					
	10	9986	17	15	07	07				02	74	6	03	1	0	0	0	0	0	0	0	0					
	13	9988	15	13	03	08				05	74	8	02	7	8	0	0	0	0	0	0	0					
	16	9976	12	11	02	09				08	74	8	02	7	8	0	0	0	0	0	0	0					
	19	9972	07	06	05	05				07	74	8	02	7	8	0	0	0	0	0	0	0					
	22	9931	12	11	06	18	11	48		8	71	7	7	0	9	2	2	2	2	2	2	2					
18	01	9640	12	11	06	18	05	58	09	55	8	71	7	6	0	5	2	8</									

Results of Surface Observations,
WILKES AUGUST, 1962

LOCAL STANDARD TIME		TEMPERATURES				SURFACE WIND		DIRECTION OF CLOUD MOVEMENT												EXTREME TEMPERATURES			
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB °F	WE BULB °F	DEW POINT °F	DIRECTION = x 10 °	SPEED kt	VISIBILITY VV	CLOUD AMOUNT Oktas	PRES. WEATHER	PAST WEATHER	LOW AMOUNT Oktas	TYPE C _L	MIDDLE CLOUD C _M	HIGH CLOUD C _H	LOW D _L	MIDDLE D _M	HIGH D _H	MAX. WIND GUST °x 10 kt	ANEMOMETER WIND RUN miles	PRECIPITATION Points	MAXIMUM -i	MINIMUM -i
		mb x 10 ⁻¹	°F	°F	°F	= x 10	kt	VV	Oktas	ww	wf	Oktas	C _L	C _M	C _H	D _L	D _M	D _H	°x 10 kt	Smiles	Points	-i	-i
19	01	9803	506	506	510	16	12	66	8	02	2	8	0	9	9	9	2	2	7	18	19	503	513
	04	9820	503	503	510	09	12	66	8	02	2	8	0	9	9	9	2	2	7				
	07	9840	503	503	519	09	08	66	8	02	2	8	5	7	7	7	2	2	7				
	10	9845	505	505	513	16	15	66	8	02	2	8	5	7	7	7	2	2	4				
	13	9844	503	504	513	15	10	66	8	02	2	8	5	7	7	7	2	2	4				
	16	9839	503	504	513	18	13	74	8	02	2	8	5	7	7	7	2	2	4				
	19	9839	508	508	516	18	06	74	2	01	2	2	5	7	7	7	2	2	4				
	22	9830	511	511	521	18	15	74	1	02	0	1	5	7	0	0	4	4	18	19			
20	01	9832	511	511	517	18	12	66	3	03	1	1	5	7	0	8	8	8	4			13	512
	04	9829	509	510	522	18	11	74	7	03	1	1	5	7	0	8	8	8	4				
	07	9810	506	506	512	18	10	66	8	02	2	8	0	9	1	2	7	7	7				
	10	9782	501	501	507	18	05	48	8	71	2	8	0	9	4	4	4	4	4				
	13	9749	01	01	507	07	12	32	8	71	2	8	6	4	4	4	4	4	4				
	16	9694	06	06	016	15	13	16	71	7	8	6	4	4	4	4	4	4	4				
	19	9656	13	12	08	12	35	00	39	3	8	6	4	4	4	4	4	4	4	12	90		
	22	9551	13	12	77	00	39	3	8	6	4	4	4	4	4	4	4	4	4	16	85		
21	01	9534	11	15	12	20	15	08	39	3	3	3	3	3	3	3	2	2	2	12	90	19	11
	04	9557	15	15	17	24	15	06	39	3	3	3	3	3	3	3	2	2	2	16	85		
	07	9553	17	17	17	26	15	06	39	3	3	3	3	3	3	3	2	2	2	16	85		
	10	9562	18	17	13	09	10	32	8	71	7	8	5	5	5	5	2	2	2	16	85		
	13	9589	18	17	13	04	10	32	8	71	7	8	5	5	5	5	2	2	2	16	85		
	16	9627	14	13	08	06	18	32	8	71	7	8	5	5	5	5	2	2	2	16	85		
	19	9654	13	12	07	07	19	58	36	3	9	0	0	0	0	0	2	2	2	16	85		
	22	9696	14	13	09	09	08	66	8	02	3	8	6	4	4	4	4	4	4	16	85		
22	01	9733	13	12	07	12	05	74	8	02	2	8	5	5	5	5	5	5	5	32	14	20	501
	04	9773	14	13	06	00	00	74	8	02	2	8	5	5	5	5	5	5	5	32	14		
	07	9804	17	16	11	30	10	66	8	02	2	8	0	0	0	0	0	0	0	32	14		
	10	9842	09	09	04	22	04	63	0	42	1	0	0	0	0	0	0	0	0	32	14		
	13	9891	04	03	05	05	13	05	66	0	2	2	0	0	0	0	0	0	0	32	14		
	16	9921	06	05	01	09	02	65	8	02	2	0	0	0	0	0	0	0	0	32	14		
	19	9933	04	03	05	05	04	66	8	02	2	0	0	0	0	0	0	0	0	32	14		
	22	9937	03	02	04	08	05	66	8	02	2	0	0	0	0	0	0	0	0	32	14		
23	01	9957	03	03	01	08	06	66	8	02	7	0	0	0	0	0	0	0	0	07	15	08	511
	04	9930	04	04	00	08	05	66	8	02	2	0	0	0	0	0	0	0	0	07	15		
	07	9909	04	04	00	20	03	62	8	03	2	8	6	4	4	4	4	4	4	07	15		
	10	9880	503	503	510	26	12	62	6	28	4	6	6	4	4	4	4	4	4	07	15		
	13	9877	501	502	511	12	04	62	7	03	4	1	5	5	5	0	0	0	0	07	15		
	16	9857	503	504	514	14	05	62	8	02	2	0	0	0	0	0	0	0	0	07	15		
	19	9840	506	506	513	12	01	66	6	02	2	0	0	0	0	0	0	0	0	07	15		
	22	9797	508	509	517	13	05	66	2	01	2	0	0	0	0	0	0	0	0	07	15		
24	01	9769	503	503	508	18	03	74	0	01	0	0	0	0	0	0	0	0	0	04	11	12	507
	04	9732	00	00	501	18	14	74	0	02	0	0	0	0	0	0	0	0	0	04	11		
	07	9714	01	00	00	508	18	09	66	8	03	1	7	5	5	5	2	2	2	04	11		
	10	9705	05	05	01	16	12	66	8	02	2	1	5	5	5	5	2	2	2	04	11		
	13	9671	07	06	01	16	05	66	8	02	2	1	5	5	5	0	0	0	0	04	11		
	16	9664	05	05	01	18	05	66	8	02	2	1	5	5	5	0	0	0	0	04	11		
	19	9655	03	02	0506	14	10	74	1	01	2	0	0	0	0	0	0	0	0	04	11		
	22	9647	04	03	0505	19	03	74	1	02	0	1	5	5	5	0	0	0	0	04	11		
25	01	9642	03	02	04	00	00	74	6	03	1	0	0	0	0	0	0	0	0	04	11	17	02
	04	9642	10	06	08	02	06	66	8	03	2	7	5	5	5	2	2	2	7	04	11		
	07	9645	10	09	02	00	00	62	8	03	2	7	5	5	5	2	2	2	7	04	11		
	10	9554	11	09	01	00	00	66	8	02	2	3	5	5	5	2	2	2	7	04	11		
	13	9664	12	11	05	00	00	48	5	71	2	8	5	5	5	2	2	2	7	04	11		
	16	9674	09	08	03	05	05	62	8	22	7	5	5	5	5	2	2	2	7	04	11		
	19	9690	09	08	02	04	08	48	8	70	7	5	5	5	5	2	2	2	7	04	11		
	22	9700	09	08	03	04	07	66	8	02	2	8	6	4	4	4	4	4	4	04	11		
26	01	9711	07	07	02	03	10	74	8	02	2	8	6	5	5	2	2	2	7	05	21	09	04
	04	9725	06	05	00	03	07	58	8	71	2	8	6	5	5	2	2	2	7	05	21		
	07	9739	06	06	02	00	10	58	8	71	2	8	6	5	5	2	2	2	7	05	21		
	10	9744	06	06	00	04	08	66	8	02	2	8	6	5	5	2	2	2	7	05	21		
	13	9752	07	07	04	04	06	66	8	02	2	8	6	5	5	2	2	2	7	05	21		
	16	9752	07	06	01	02	05	66	8	02	2	8	6	5	5	2	2	2	7	05	21		
	19	9745	09	08	01	04	10	66	8	02	2	8	6	5	5	2	2	2	7	05	21		
	22	9728	05	05	00	06																	

Results of Surface Observations,
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LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE $\text{mb} \times 10^{-1}$	TEMPERATURES			SURFACE WIND		VISIBILITY Cloud Amount	PRESENT WEATHER	LOW CLOUD			HIGH CLOUD			DIRECTION OF CLOUD MOVEMENT		MAXIMUM WIND GUST		ANEMOMETER WIND RUN St. miles	PRECIPITATION Points	EXTREME TEMPERATURES		
				DRY BULB °F	WET BULB °F	DEWP POINT ° × 10	DIRECTION DEGREES	SPEED kt			ww	%	Oktas	C _L	C _M	C _H	D _L	D _M	D _H	° × 10	kt		MAXIMUM MINIMUM °F		
28	01	9518	11				09	51	00		39	3													14 11
	04	9535	12				09	52	00		39	3													
	07	9518	12				09	52	00		39	3													
	10	9507	14				11	56	00		39	3													
	13	9505	14				11	54	00		39	3													
	16	9480	13				11	64	00		39	3													
	19	9501	14				11	55	00		39	3													
	22	9542	14				09	45	00		39	3													
29	01	9557	13				09	49	00		39	3													14 11
	04	9550	12				09	52	00		39	3													
	07	9559	13				09	58	00		39	3													
	10	9549	13				11	70	00		39	3													
	13	9559	14				10	72	00		39	3													
	16	9500	14				10	60	00		39	3													
	19	9529	13				09	55	00		39	3													
	22	9591	12				11	44	00		39	3													
30	01	9588	11				09	54	00		39	3													14 11
	04	9732	15	15	12	15	18	58	8	70	3	3	6	4	2	2	5	5	5	5	5	5	5		
	07	9749	20	19	14	09	08	66	8	02	7	2	6	4	2	2	8	5	5	5	5	5	5		
	10	9763	15	14	08	14	13	66	8	02	2	2	8	5	5	5	5	5	5	5	5	5	5		
	13	9767	15	14	07	15	22	66	8	02	2	2	8	5	5	5	5	5	5	5	5	5	5		
	16	9761	13	11	03	11	33	62	8	36	2	2	8	5	5	5	5	5	5	5	5	5	5		
	19	9776	13	12	02	18	10	62	8	02	2	2	8	5	5	5	5	5	5	5	5	5	5		
	22	9776	11	10	04	04	06	66	8	02	2	2	8	5	5	5	5	5	5	5	5	5	5		
31	01	9769	10	10	05	10	05	58	8	71	2	8	5	6	2	2	2	2	2	2	2	2	2	20 10	
	04	9766	10	09	02	11	14	58	8	71	7	5	5	6	2	2	2	2	2	2	2	2	2		
	07	9752	07	06	00	07	13	74	8	01	7	7	0	9	7	0	0	0	0	0	0	0	0		
	10	9747	10	09	00	07	10	74	5	01	1	1	5	7	4	0	0	0	0	0	0	0	0		
	13	9726	11	10	05	36	11	74	3	01	1	3	0	9	4	0	0	0	0	0	0	0	0		
	16	9717	07	06	503	11	25	04	6	37	1	5	0	9	4	0	0	0	0	0	0	0	0		
	19	9721	07	06	504	04	10	66	1	01	3	1	5	5	5	5	5	5	5	5	5	5	5		
	22	9725	10	08	501	00	00	66	B	03	1	8	5	5	5	5	5	5	5	5	5	5	5		

Results of Surface Observations,
WILKES SEPT., 1962

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES			SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		ANEMOMETER WIND RUN		EXTREME TEMPERATURES				
DAY	HOUR		DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION °	SPEED " x 10 kt	VV Oktas	WW Oktas	SE Oktas	C _L h	C _M h	C _H h	D _L	D _M	D _H	DIRECTION °	SPEED " x 10 kt	St. miles	Points	MAXIMUM °F	MINIMUM °F		
		"mb x 10 ⁻³																						
01	01	9721	09	08	03	16	07	74	2	01	2	2	5	0	0	0	0	0	4	6	04	20	10	505
04		9725	06	05	02	16	04	66	0	0	0	0	0	0	0	0	0	0	4	4	04	20	10	505
07		9725	06	05	02	16	04	66	0	0	0	0	0	0	0	0	0	0	4	4	04	20	10	505
10		9715	04	03	04	00	00	74	3	03	2	0	0	0	0	0	0	0	4	4	04	20	10	505
13		9701	06	05	01	04	06	74	6	03	1	6	5	7	0	0	0	0	4	4	04	20	10	505
16		9700	08	07	01	36	12	74	8	03	2	8	5	6	0	0	0	0	4	4	04	20	10	505
19		9708	07	06	01	04	04	74	8	02	2	8	5	6	0	0	0	0	4	4	04	20	10	505
22		9721	04	03	04	02	15	66	1	01	1	1	5	6	0	0	0	0	4	4	04	20	10	505
02	01	9732	502	503	511	13	08	74	0	01	2	0	0	0	0	0	0	0	4	6	04	20	17	505
04		9745	05	04	04	17	05	74	8	03	2	8	5	5	0	0	0	0	4	4	04	20	17	505
07		9751	05	04	03	17	18	74	8	02	0	5	5	6	3	0	0	0	4	4	04	20	17	505
10		9754	11	10	04	15	14	74	7	02	2	7	5	7	0	0	0	0	4	4	04	20	17	505
13		9749	13	11	00	18	15	74	7	02	2	7	5	7	0	0	0	0	4	4	04	20	17	505
16		9740	13	12	06	09	30	02	39	3	01	2	1	5	5	0	0	0	4	6	04	20	17	505
19		9748	13	12	06	16	05	62	7	01	2	7	0	9	2	0	0	0	4	6	04	20	17	505
22		9742	14	13	07	32	08	66	2	01	2	2	0	9	2	0	0	0	4	6	04	20	17	505
03	01	9738	09	08	00	14	10	66	8	03	1	8	0	9	2	0	0	0	4	6	11	50	17	505
04		9726	10	08	03	08	14	74	2	01	2	2	0	9	2	0	0	0	4	6	11	50	17	505
07		9720	11	10	02	13	05	74	8	02	2	8	0	9	2	0	0	0	4	6	11	50	17	505
10		9724	14	12	04	04	13	74	8	01	2	0	0	9	0	0	0	0	4	6	11	50	17	505
13		9732	14	12	03	07	03	74	3	01	2	1	5	5	0	0	0	0	4	6	11	50	17	505
16		9745	16	15	08	15	12	62	8	70	1	8	0	9	2	0	0	0	4	6	11	50	17	505
19		9762	15	14	08	04	05	74	8	02	2	8	0	9	2	0	0	0	4	6	11	50	17	505
22		9776	19	17	09	20	05	58	8	71	2	5	0	9	2	0	0	0	4	6	11	50	17	505
04	01	9777	16	15	11	18	09	58	5	71	7	5	0	9	2	0	0	0	4	6	11	24	21	06
04		9767	08	07	01	20	02	74	0	01	2	2	0	9	2	0	0	0	4	6	11	24	21	06
07		9749	06	05	02	18	05	74	0	02	2	2	0	9	2	0	0	0	4	6	11	24	21	06
10		9735	04	03	07	16	08	74	0	03	2	2	0	9	2	0	0	0	4	6	11	24	21	06
13		9705	07	06	01	501	18	27	74	0	03	2	2	0	9	2	0	0	4	6	11	24	21	06
16		9704	01	01	01	505	18	28	74	0	02	2	2	0	9	2	0	0	4	6	11	24	21	06
19		9734	00	500	507	18	18	74	0	02	2	2	0	9	2	0	0	4	6	11	24	21	06	
22		9749	09	09	501	16	05	74	0	02	2	2	0	9	2	0	0	4	6	11	24	21	06	
05	01	9767	00	501	507	07	10	74	8	02	2	2	8	6	4	0	0	0	4	6	18	34	18	503
04		9790	02	02	506	04	10	74	0	01	2	2	8	6	4	0	0	0	4	6	18	34	18	503
07		9815	09	09	03	04	13	66	8	03	0	0	0	9	0	0	0	0	4	6	18	34	18	503
10		9837	13	12	07	07	11	74	8	02	2	2	8	6	4	0	0	0	4	6	18	34	18	503
13		9857	12	12	07	08	10	74	8	02	2	2	8	6	4	0	0	0	4	6	18	34	18	503
16		9860	09	08	01	08	08	74	7	01	2	2	8	6	4	0	0	0	4	6	18	34	18	503
19		9873	03	09	503	09	11	74	0	01	1	0	0	9	0	0	0	0	4	6	18	34	18	503
22		9866	06	05	502	16	05	74	1	02	0	1	5	7	0	0	0	0	4	6	18	34	18	503
06	01	9854	03	03	504	14	02	74	1	02	0	1	5	7	0	0	0	0	4	6	04	21	14	502
04		9837	02	01	508	16	08	74	0	02	0	0	0	9	0	0	0	0	4	6	04	21	14	502
07		9817	01	00	505	18	03	74	6	03	0	0	0	9	0	0	0	0	4	6	04	21	14	502
10		9795	01	500	510	00	00	74	8	03	1	0	0	9	0	0	0	0	4	6	04	21	14	502
13		9772	08	07	503	00	00	74	5	02	2	0	0	9	0	0	0	0	4	6	04	21	14	502
16		9769	03	02	504	05	08	74	5	02	1	0	0	9	0	0	0	0	4	6	04	21	14	502
19		9777	03	02	504	05	14	74	1	01	2	1	0	9	0	0	0	0	4	6	04	21	14	502
22		9787	01	500	510	04	13	74	0	02	0	0	0	9	0	0	0	0	4	6	04	21	14	502
07	01	9794	02	00	514	04	10	74	0	02	0	0	0	9	0	0	0	0	4	6	04	16	07	504
04		9806	02	01	508	03	15	74	0	02	0	0	0	9	0	0	0	0	4	6	04	16	07	504
07		9815	02	01	508	04	13	74	6	03	0	0	0	9	0	0	0	0	4	6	04	16	07	504
10		9823	04	03	506	03	12	74	6	02	2	1	6	4	0	0	0	0	4	6	04	16	07	504
13		9833	06	05	502	36	06	74	8	03	2	1	6	4	0	0	0	0	4	6	04	16	07	504
16		9840	02	01	508	03	05	74	8	02	2	1	6	4	0	0	0	0	4	6	04	16	07	504
19		9854	02	02	502	08	04	04	74	1	02	1	0	0	9	0	0	0	4	6	04	16	07	504
22		9857	00	500	506	04	07	74	7	03	1	0	0	9	0	0	0	0	4	6	04	16	07	504
08	01	9864	504	504	512	11	07	74	1	01	1	0	0	9	0	0	0	0	4	6	05	17	07	504
04		9856	06	05	506	18	05	74	8	03	2	8	5	5	7	0	0	0	4	6	0			

Results of Surface Observations,
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LOCAL STANDARD TIME		TEMPERATURES				SURFACE WIND		PRESENT WEATHER										DIRECTION OF CLOUD MOVEMENT		MAXIMUM WIND GUST		EXTREME TEMPERATURES	
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEP. POINT	DIRECTION	SPEED	VISIBILITY	CLOUD AMOUNT	LOW CLOUD	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED	Aneroidometer Wind Run	Precipitation	Maximum	Minimum		
		mb x 10 ⁻¹	°F	°F	°F	° x 10	kt	VV	Oktas	ww	ww	ww	D _L	D _M	D _H	z x 10	kt	Stations	Points	°F	°F		
10	01	9805	16	15	10	09	08	74	8	02	2	9	0	9	7								
04		9811	15	14	10	13	03	74	8	02	2	9	0	9	2								
07		9827	12	12	06	17	09	74	8	02	2	9	0	9	2								
10		9825	15	13	05	17	08	66	8	02	2	9	0	9	2								
13		9832	16	15	10	18	11	74	8	02	2	2	1	5	5	2							
16		9840	14	14	09	13	06	74	7	02	2	2	1	0	9	1							
19		9854	13	12	06	00	00	74	8	02	2	2	1	0	9	1							
22		9857	15	14	08	00	00	74	8	02	2	2	1	0	9	2							
11	01	9860	20	19	15	36	05	74	8	02	2	2	0	0	9	2							
04		9867	17	16	10	08	02	74	8	02	2	2	0	0	9	2							
07		9877	16	15	08	13	04	74	8	02	2	2	0	0	9	2							
10		9863	17	17	10	00	00	48	7	01	2	2	7	5	7	0	0						
13		9878	15	14	07	14	05	74	7	01	2	2	7	5	7	0	0						
16		9881	16	15	11	00	00	74	7	02	2	2	7	5	7	0	0						
19		9887	12	11	04	04	03	74	7	01	2	2	7	0	9	3	0						
22		9887	14	13	07	03	05	74	8	02	2	2	7	0	9	3	0						
12	01	9891	16	16	08	32	08	74	7	02	2	2	7	5	5	5	0						
04		9891	14	14	08	07	06	74	7	02	2	2	7	0	9	5	0						
07		9891	13	13	05	00	00	74	7	02	2	2	7	5	5	5	0						
10		9877	15	15	08	05	03	74	7	02	2	2	7	5	6	6	0						
13		9855	11	11	03	13	05	74	0	01	2	2	0	0	9	0	0						
16		9840	07	07	50	16	02	74	1	02	0	0	0	0	9	0	0						
19		9820	03	03	50	04	02	74	7	03	1	0	0	0	9	0	0						
22		9820	06	06	50	02	05	74	8	03	2	0	0	0	9	0	0						
13	01	9806	11	10	02	00	00	66	8	03	2	0	0	0	9	0	7						
04		9799	10	10	02	00	00	66	8	02	2	4	0	0	9	0	7						
07		9776	15	14	05	16	16	74	8	02	2	0	0	0	9	0	7						
10		9752	16	14	05	25	04	74	8	02	2	0	0	0	9	0	7						
13		9728	22	19	10	32	05	74	8	02	2	8	0	0	9	2							
16		9690	19	18	13	09	35	16	8	37	3	7	0	9	2								
19		9668	20	19	17	09	40	00	39	3	7	0	9	2									
22		9647	19			09	45	00	39	3													
14	01	9623	18			10	56	00	39	3													
04		9630	18			10	43	00	39	3													
07		9586	16			09	60	02	39	3	4												
10		9576	19	18	12	09	50	02	37	3	7	5	5	5	3								
13		9568	22	21	16	09	50	02	37	3	7	5	5	5	2								
16		9574	22	20	14	09	50	16	36	3	8	0	9	2									
19		9556	19			09	60	01	37	3	8	0	9	2									
22		9556	20			09	68	00	37	3													
15	01	9600	21	21	17	20	13	66	8	02	2	2	5	5	5	5	0						
04		9606	25	23	19	23	04	74	8	02	2	2	3	5	5	5	2						
07		9603	24	21	11	25	04	74	8	02	2	2	3	5	5	5	2						
10		9610	20	18	12	09	25	58	8	36	3	8	0	9	2								
13		9605	20	19	12	12	20	74	8	02	2	1	1	5	5	5	2						
16		9605	18	16	07	14	06	74	6	01	2	1	1	5	5	5	2						
19		9599	17	14	02	11	14	74	4	01	2	1	1	5	5	5	2						
22		9603	16	15	10	32	02	58	8	73	7	8	4	7	3	0	0						
16	01	9613	17	16	10	00	00	58	8	71	7	8	6	4	4	4	4						
04		9617	14	12	03	16	06	66	7	01	7	7	6	4	4	4	4						
07		9620	14	13	08	09	36	00	39	2	0	0	0	9	0	7	7						
10		9643	18	17	13	09	30	02	38	5	8	0	9	2									
13		9667	19	18	14	07	30	04	37	3	1	0	9	2									
16		9684	20	18	11	09	25	74	8	02	3	8	0	9	2								
19		9701	17	16	10	09	30	48	8	36	3	5	0	9	2								
22		9708	14	09	09	38	16	56	9	9	8	0	0	0	9	0	1						
17	01	9705	15	14	09	09	30	02	36	3	1	0	9	2	2	2	2						
04		9711	20	19	14	18	09	66	8	02	2	2	0	9	2	2	2						
07		9708	17	16	10	00	00	69	8	71	3	3	0	9	7	7	7						
10		9695	18	16	07	16	05	74	8	02	2	0	0	0	9	0	7						
13		9670	16	15	10	00	00	74	5	01	2	0	0	0	9	0	1						
16		9651	13	13	08	07	06	74	4	01	2	0	0	0	9	0	1						
19		9630	08	06	50	16	06	74	2	01	1	0	0	0	9	0	1						
22		9621	05	04	50	01	00	74	2	02	0	0	0	0	9	0	1						
18	01	9618	04	04	50	18	05	74	3	02	0	0	0	0	9	0	1						
04		9633	07	06	50	07	09	74	1	02	0	0	0	0	9	1	0	0					
07		9648	08	07	00	02	18	74	1	02	0	0	0	0	7	0	0	0					
10		9668	10	08	50	02	19	74	1	02	0	0	0	0	9	0	1						
13		9694	12	10	01	02	12	74	8	03	02	2	2	0	5	5	5	0					
16		9718	10	10	03	04	03	74	8	02	0	0	0	0	5	5	5	0					
19		9738	11	10	02	09	08	74	8	02	0	0	0	0	4	4	4	0					
22		9755	10	09	01	05	05	74	8	02	0	0	0	0	0	0	0	0					

Results of Surface Observations,

WILKES SEPT., 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE mb x 10 ⁻¹	TEMPERATURES				SURFACE WIND			VISIBILITY mi	CLOUD AMOUNT Oktas	PRESENT WEATHER W	LOW CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST kt	EXTREME TEMPERATURES		
				DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION ° x 10	KILOMETERS KT	SPEED mi hr ⁻¹	CLOUD TYPE C _L				AMOUNT h	BASE C _M	HIGH CLOUD C _H	LOW D _L	MIDDLE D _M	HIGH D _H		PRECIPITATION Points	MAXIMUM °F	MINIMUM °F
19	01	9770	12	11	06	05	14	66	8	02	2	2	2	2	2	2	2	2	2	4	13	09	
	04	9783	12	11	03	09	10	66	8	02	2	2	2	2	2	2	2	2	2	5			
	07	9800	11	10	04	04	08	66	8	02	2	2	2	2	2	2	2	2	2	6			
	10	9813	11	11	04	05	11	66	8	02	2	2	2	2	2	2	2	2	2	6			
	13	9822	13	12	05	04	05	74	6	02	2	2	2	2	2	2	2	2	2	6			
	16	9833	11	10	04	09	07	66	8	02	2	2	2	2	2	2	2	2	2	6			
	19	9844	10	09	02	04	02	58	8	71	7	5	5	5	5	5	5	5	5	5			
	22	9851	11	10	03	16	03	58	8	71	7	5	5	5	5	5	5	5	5	5			
20	01	9859	10	09	03	04	06	58	8	71	7	8	6	6	5	5	5	5	5	4	14		
	04	9876	10	10	06	04	07	58	8	71	7	8	6	6	5	5	5	5	5	5	12	00	
	07	9886	09	09	05	04	10	16	8	71	7	2	6	6	5	5	5	5	5	5			
	10	9898	05	05	502	19	06	74	7	22	7	7	7	7	7	7	7	7	7	5			
	13	9901	08	07	501	00	00	74	1	01	2	1	5	5	5	5	5	5	5	5			
	16	9916	04	03	509	25	11	74	0	02	0	0	0	0	0	0	0	0	0	0			
	19	9923	02	02	507	27	12	74	1	03	0	1	0	0	0	0	0	0	0	0			
	22	9923	03	02	505	27	05	74	6	03	1	0	0	0	0	0	0	0	0	0			
21	01	9916	03	02	506	36	03	74	8	05	2	0	0	0	0	0	0	0	0	0	7		
	04	9911	03	03	508	05	10	74	2	01	1	0	0	0	0	0	0	0	0	0	1		
	07	9902	01	502	511	04	07	74	7	03	1	7	7	7	7	7	7	7	7	7	5		
	10	9888	04	03	505	00	00	58	8	71	7	8	0	0	0	0	0	0	0	0	0		
	13	9874	04	03	503	18	12	58	8	71	7	8	0	0	0	0	0	0	0	0	0		
	16	9869	02	02	505	05	03	58	8	71	7	8	0	0	0	0	0	0	0	0	0		
	19	9867	06	06	00	03	26	32	8	38	7	8	6	6	4	4	4	4	4	4	27	16	
	22	9869	03	03	502	03	25	16	8	38	3	8	6	6	4	4	4	4	4	4	4	10	504
22	01	9868	02	01	505	04	12	32	8	36	7	0	0	0	0	0	0	0	0	0	0	8	
	04	9864	501	501	508	09	09	74	8	02	3	0	0	0	0	0	0	0	0	0	0	8	
	07	9827	502	502	508	14	02	74	8	02	2	0	0	0	0	0	0	0	0	0	0	7	
	10	9781	20	10	500	07	18	74	8	02	2	0	0	0	0	0	0	0	0	0	0		
	13	9721	14	13	06	16	10	74	8	03	2	1	5	5	5	5	5	5	5	5	5		
	16	9679	16	16	12	11	01	35	0	0	0	1	1	1	1	1	1	1	1	1	1		
	19	9644	16	16	12	10	05	55	0	0	0	1	1	1	1	1	1	1	1	1	1		
	22	9640	16	16	12	09	46	0	0	0	1	1	1	1	1	1	1	1	1	1	1		
23	01	9673	20	18	09	18	17	66	8	00	3	8	0	0	0	0	0	0	0	0	0	0	
	04	9680	21	18	09	09	25	74	7	02	2	7	7	7	7	7	7	7	7	7	0	0	
	07	9678	17	16	11	33	20	48	8	71	2	1	6	6	4	4	4	4	4	4	4	0	
	10	9688	15	14	06	08	02	56	8	71	7	1	5	5	5	5	5	5	5	5	5		
	13	9698	18	17	09	19	08	74	8	01	7	7	7	7	7	7	7	7	7	7	7		
	16	9708	19	17	10	13	03	74	8	02	2	8	5	5	5	5	5	5	5	5	5		
	19	9721	12	11	03	11	05	74	8	02	2	8	5	5	5	5	5	5	5	5	5		
	22	9724	14	13	06	00	00	74	7	02	2	7	7	7	7	7	7	7	7	7	7		
24	01	9735	13	11	01	07	10	74	8	02	2	8	0	0	0	0	0	0	0	0	0	0	
	04	9743	14	13	07	02	06	74	8	02	2	8	0	0	0	0	0	0	0	0	0	0	
	07	9754	14	13	06	05	09	74	8	02	2	8	0	0	0	0	0	0	0	0	0	0	
	10	9767	15	14	09	02	10	66	8	70	7	8	0	0	0	0	0	0	0	0	0	0	
	13	9777	15	14	09	04	05	58	8	71	7	3	6	6	5	5	5	5	5	5	5		
	16	9784	13	12	07	02	10	48	8	71	7	3	6	6	5	5	5	5	5	5	5		
	19	9793	10	09	01	03	03	58	8	71	7	3	6	6	5	5	5	5	5	5	5		
	22	9801	09	09	05	04	05	48	8	71	7	3	6	6	5	5	5	5	5	5	5		
25	01	9803	09	08	05	18	02	48	8	71	7	8	8	8	5	5	5	5	5	5	5	0	
	04	9810	10	10	07	09	02	48	8	71	7	8	8	8	5	5	5	5	5	5	5	0	
	07	9820	09	09	06	06	02	48	8	71	7	8	8	8	5	5	5	5	5	5	5	0	
	10	9823	12	11	05	15	10	48	8	71	7	8	8	8	5	5	5	5	5	5	5	0	
	13	9823	15	14	06	18	09	66	8	02	2	3	5	5	5	5	5	5	5	5	5	0	
	16	9823	12	10	02	19	08	74	8	01	2	3	5	5	5	5	5	5	5	5	5	0	
	19	9820	11	10	02	10	23	58	8	36	2	2	2	2	2	2	2	2	2	2	2	0	
	22	9813	13	12	07	09	14	66	8	02	3	8	5	5	5	5	5	5	5	5	5	0	
26	01	9793	14	13	06	18	11	74	8	02	3	8	5	5	5	5	5	5	5	5	5	0	
	04	9774	13	12	04	15	05	62	8	00	2	8	5	5	5	5	5	5	5	5	5	0	
	07	9756	11	10	04	19	05	74	8	02	2	8	5	5	5	5	5	5	5	5	5	0	
	10	9686	11	10	04	17	17	74	8	02	2	8	5	5	5	5	5	5	5	5	5	0	
	13	9644	13	12	04	21	03	74	8	02	2	8	5	5	5	5	5	5	5	5	5	0	
	16	9637	18	16	09	01	14	74	8	02	2	8	5	5	5	5	5	5	5	5	5	0	
	19	9644	17</td																				

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						
		STATION LEVEL PRESSURE	DRY BULB °F	WET BULB °F	DEW POINT °F	DIR. x 10	KT	VV	Oktas	WW	PAST WEATHER	AMOUNT	TYPE	C _L	C _H	D _L	D _M	D _H	DIR. x 10	KT	St. miles	Points	MAXIMUM °F	MINIMUM °F
DAY	Hour	mb x 10 ⁻¹																						
28	01	9793	11	10	04	04	25	16	R	38														
	04	9821	08	07	501	09	06	74	7	01	3	R	6	5	7									
	07	9835	11	10	04	06	03	74	7	02	2	7	5	5	7									
	10	9845	13	12	05	06	00	74	8	02	2	8	5	5	6									
	13	9850	13	12	05	16	09	74	6	01	2	6	5	5	6									
	16	9855	14	12	03	14	05	74	1	01	2	1	5	5	6									
	19	9857	05	04	504	11	12	74	1	01	0	1	5	5	6									
	22	9857	07	06	505	15	05	74	0	01	0	0	0	0	0									
29	01	9843	05	05	502	18	03	74	0	02	0	0	0	0	0									
	04	9822	04	03	507	11	12	74	0	02	0	0	0	0	0									
	07	9796	04	04	503	18	05	74	0	02	0	0	0	0	0									
	10	9755	07	05	506	18	20	74	0	02	0	0	0	0	0									
	13	9708	08	08	01	18	27	56	0	36	0	0	0	0	0									
	16	9688	10	09	01	18	26	74	0	02	3	0	0	0	0									
	19	9671	07	06	503	16	15	74	0	02	0	0	0	0	0									
	22	9674	06	05	503	20	16	74	0	02	0	0	0	0	0									
30	01	9688	09	08	01	03	06	74	0	02	0	0	0	0	0									
	04	9711	02	02	504	04	11	74	0	02	0	0	0	0	0									
	07	9735	02	02	504	02	13	74	0	02	0	0	0	0	0									
	10	9766	02	01	510	02	06	74	0	02	0	0	0	0	0									
	13	9782	04	02	512	04	07	74	1	03	0	0	0	0	0									
	16	9803	04	03	507	02	07	74	1	02	0	0	0	0	0									
	19	9826	501	502	512	04	07	74	1	02	0	0	0	0	0									
	22	9854	01	501	511	04	06	74	8	02	2	0	0	0	0									

Results of Surface Observations,
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Results of Surface Observations,
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LOCAL STANDARD TIME		STATION LEVEL PRESSURE mb x 10 ⁻²	TEMPERATURES			SURFACE WIND		VISIBILITY km	CLOUD AMOUNT Oktas	PRESENT WEATHER	LOW CLOUD			MIDDLE CLOUD			HIGH CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			EXTREME TEMPERATURES	
DAY	HOUR		DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION ° x 10	SPEED kts				PAST WEATHER	AMOUNT	Type	LOW	MIDDLE	HIGH	DIRECTION	SPEED	Anemometer Wind Run ft Miles	PRECIPITATION	MAXIMUM	MINIMUM	Wind Run	Points	Temperature	Temperature	
			DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION ° x 10	SPEED kts	WW	%	h	C _L	C _M	C _H	D _L	D _M	D _H	kt	Points	°F	°F	Wind Run	Points	Wind Run	Wind Run			
10	01	9483	24	21	12	12	50	58	8	36	1	5	2	2	1	1	1	1	1	1	1	1	1	1	28	21	
	04	9464	23	20	11	18	59	58	7	36	1	5	2	2	1	1	1	1	1	1	1	1	1	1	28	21	
	07	9476	24	22	18	12	60	58	7	36	1	5	2	2	1	1	1	1	1	1	1	1	1	1	28	21	
	10	9484	26	25	20	11	60	66	7	36	1	5	2	2	1	1	1	1	1	1	1	1	1	1	28	21	
	13	9495	26	25	20	11	48	56	7	36	1	5	2	2	1	1	1	1	1	1	1	1	1	1	28	21	
	16	9529	27	26	22	09	38	56	7	36	1	5	2	2	1	1	1	1	1	1	1	1	1	1	28	21	
	19	9561	26	25	20	09	37	56	8	36	1	5	2	2	1	1	1	1	1	1	1	1	1	1	28	21	
	22	9568	25	23	18	10	50	56	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	21	
	01	9549	23	21	14	11	47	66	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	21	
	04	9545	21	19	11	50	56	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	21	
	07	9564	23	21	13	10	40	56	7	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	21	
11	10	9572	25	22	14	09	40	66	8	03	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	21	
	13	9588	26	23	16	10	30	66	7	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	21	
	16	9603	26	25	20	09	28	74	7	01	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	21	
	19	9629	24	23	18	09	25	74	8	03	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	21	
	22	9655	24	21	10	09	23	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	21	
	01	9665	23	21	13	09	30	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	21	
	04	9684	22	20	11	09	26	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	21	
	07	9718	23	19	08	10	25	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	21	
	10	9728	24	22	16	09	25	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	21	
	13	9737	26	23	16	07	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	21	
	16	9746	25	24	22	00	48	71	7	01	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	21	
	19	9765	24	20	16	03	05	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	21	
12	22	9774	20	18	12	14	02	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	21	
	01	9788	22	21	18	00	00	58	8	71	7	6	3	2	2	2	2	2	2	2	2	2	2	2	28	19	
	04	9802	18	17	12	07	05	66	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	18	
	07	9811	20	19	15	09	06	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	18	
	10	9817	28	26	22	16	05	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	18	
	13	9823	21	19	12	16	07	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	18	
	16	9831	27	24	17	00	00	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	18	
	19	9837	22	21	15	33	12	74	7	01	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	18	
	22	9844	19	18	14	03	15	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	18	
	01	9850	18	17	13	02	13	58	8	71	7	6	3	2	2	2	2	2	2	2	2	2	2	2	28	18	
	04	9857	18	17	10	02	12	66	8	22	7	6	3	2	2	2	2	2	2	2	2	2	2	2	28	18	
	07	9866	17	17	12	02	13	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	18	
13	10	9878	19	19	11	03	13	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	18	
	13	9873	18	17	13	06	03	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	18	
	16	9873	19	18	12	21	03	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	18	
	19	9871	15	14	09	03	07	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	18	
	22	9852	13	12	04	00	00	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	18	
	01	9857	14	13	05	09	07	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	18	
	04	9826	11	10	01	14	07	74	7	01	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	18	
	07	9809	06	05	05	05	03	74	3	01	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	18	
	10	9792	15	13	03	34	05	74	2	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	18	
	13	9784	13	12	03	02	07	74	2	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	18	
	16	9777	12	11	02	02	11	74	1	03	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	18	
16	19	9779	10	09	00	00	12	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	05	
	22	9776	11	10	01	00	00	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	05	
	01	9776	10	09	01	00	00	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	05	
	04	9769	05	05	00	11	06	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	05	
	07	9772	07	06	03	03	11	74	1	01	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	05	
	10	9776	10	08	50	02	10	74	0	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	05	
	13	9774	12	11	02	02	11	74	1	03	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	05	
	16	9777	11	09	00	02	12	74	7	03	1	01	2	2	2	2	2	2	2	2	2	2	2	2	28	05	
	19	9779	10	08	50	05	09	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	05	
	22	9776	11	10	01	00	00	74	7	03	0	0	2	2	2	2	2	2	2	2	2	2	2	2	28	05	
17	01	9776	10	09	01	00	00	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	05	
	04	9779	07	06	03	04	11	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	05	
	07	9782	11	10	01	06	04	74	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	28	05	
	10	9785																									

Results of Surface Observations,
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LOCAL STANDARD TIME	TEMPERATURES										SURFACE WIND		PRESENT WEATHER										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		PAST WEATHER		LOW CLOUD		HIGH CLOUD		DIRECTION		SPEED		ANEMOMETER WIND RUN		PRECIPITATION
			in	in	°F	°F	°F	°F	°C	°C	°	kt	VV	Oktas	ww	W	Oktas	C _L	Type	h	C _M	C _H	D _L	D _M	D _H	°x10	kt	St. miles	Points		
19	01	9708	05	05	502	09	07	74	1	01	1	02	1	1	1	1	1	5	5	5	5	5	5	6	6	6	6	6	6	18	04
	04	9705	03	02	506	14	05	74	1	02	1	02	1	1	1	1	1	5	5	5	5	5	5	6	6	6	6	6	6	18	04
	07	9705	13	10	502	00	00	74	1	02	1	02	1	1	1	1	1	5	5	5	5	5	5	6	6	6	6	6	6	18	04
	10	9706	13	12	502	00	00	74	1	02	1	02	1	1	1	1	1	5	5	5	5	5	5	6	6	6	6	6	6	18	04
	13	9708	18	17	11	32	03	74	1	02	1	02	1	1	1	1	1	5	5	5	5	5	5	6	6	6	6	6	6	18	04
	16	9721	17	16	08	27	05	74	1	02	1	02	1	1	1	1	1	5	5	5	5	5	5	6	6	6	6	6	6	18	04
	19	9745	13	12	06	27	15	74	1	02	1	02	1	1	1	1	1	5	5	5	5	5	5	6	6	6	6	6	6	18	04
	22	9762	11	10	02	27	07	74	0	02	0	02	0	0	0	0	0	5	5	5	5	5	5	6	6	6	6	6	6	18	04
20	01	9772	05	04	503	07	06	74	0	03	0	03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	01	
	04	9789	01	01	505	06	07	74	7	03	0	03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	01	
	07	9796	07	05	507	05	06	74	8	02	2	2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	01	
	10	9795	12	10	03	02	12	74	8	02	2	2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	01	
	13	9788	16	15	08	04	10	74	8	02	2	2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	01	
	16	9778	19	16	06	05	15	74	8	02	2	2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	01	
	19	9741	17	16	10	09	40	04	8	38	3	3	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	01	
	22	9711	12	09	45	00	39	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	01	
21	01	9671	12	09	55	00	59	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	25	01	
	04	9650	12	09	50	00	58	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	25	01	
	07	9650	13	09	58	00	59	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	25	01	
	10	9640	20	09	55	00	59	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	25	01	
	13	9626	21	21	17	09	50	04	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	01	
	16	9621	22	21	17	09	48	08	8	37	3	3	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	01	
	19	9617	23	22	18	09	45	05	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	01	
	22	9616	23	22	18	09	36	04	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	01	
22	01	9623	26	25	21	09	28	64	8	02	3	3	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	11		
	04	9647	26	25	21	18	09	48	8	70	2	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	11		
	07	9661	27	25	20	02	04	48	8	71	2	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	11		
	10	9681	28	26	22	27	09	48	8	71	2	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	11		
	13	9696	27	26	23	34	06	74	8	02	2	2	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	11		
	16	9717	26	25	22	34	08	65	8	02	2	2	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	11		
	19	9739	25	24	21	36	11	52	8	02	2	2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	11		
	22	9757	27	21	17	04	08	58	8	70	7	7	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	22		
23	01	9759	21	20	16	10	02	60	8	02	7	8	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	13		
	04	9782	22	20	14	06	04	55	8	02	2	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	13		
	07	9793	23	21	16	03	04	55	8	02	2	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	13		
	10	9805	25	24	20	09	02	66	8	02	2	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	13		
	13	9811	26	25	22	00	00	66	8	70	2	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	13		
	16	9815	25	24	20	36	05	32	8	71	2	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	13		
	19	9820	23	19	27	11	48	8	71	2	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	13		
	22	9820	17	16	10	05	06	50	8	02	2	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	13		
24	01	9826	08	07	00	04	08	78	3	01	7	3	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	13		
	04	9826	13	11	03	04	09	78	3	03	1	8	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	13		
	07	9816	17	15	06	02	06	63	8	02	1	6	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	13		
	10	9798	20	19	15	01	05	63	8	02	1	6	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	13		
	13	9789	19	18	11	25	10	74	8	72	2	2	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	13		
	16	9782	13	11	03	27	16	74	8	02	2	2	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	13		
	19	9776	10	09	02	29	07	58	8	71	2	2	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	13		
	22	9766	08	07	00	04	09	63	8	02	7	8	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	13		
25	01	9745	04	03	505	04	10	53	6	02	7	8	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6		
	04	9738	04	02	502	07	11	63	6	02	1	6	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6		
	07	9732	07	07	01	32	06	63	6	02	2	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6		
	10	9720	08	08	03	32	10	48	8	71	2	2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6		
	13	9711	10	09	01	34	08	74	8	02	2	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6		
	16	9711	09	08	01	22	04	74	8																						

Results of Surface Observations
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LOCAL STANDARD TIME	STATION LEVEL PRESSURE (in) $\times 10^{-3}$	TEMPERATURES				SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD			HIGH CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			ANEMOMETER WIND RUN miles	PRECIPITATION Points	EXTREME TEMPERATURES			
		STATION LEVEL PRESSURE (in)		DRY BULB °F	WET BULB °F	DEW POINT °F	% x 10		DIRECTION KT	SPEED KT	OKtas	WW	W	OKtas	C _L	C _M	C _H	D _L	D _M	D _H	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST			EXTREME TEMPERATURES			
DAY	Hour																												MAXIMUM WIND GUST			
28	01	9698	22	21	18	13	13	48	8	73	3	7	7	6	4	2	8	DL	DM	DH	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST	29	09	MAXIMUM WIND GUST			
04		9694	21	20	15	14	03	58	7	71	01	2	2	5	5	0	0	9	3	0	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST			MAXIMUM WIND GUST			
07		9688	24	21	12	08	04	74	7	02	0	0	0	0	0	0	0	9	0	0	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST			MAXIMUM WIND GUST			
10		9700	29	26	19	04	02	74	05	01	2	2	0	0	0	0	0	9	0	0	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST			MAXIMUM WIND GUST			
13		9721	26	24	17	03	08	74	00	02	0	0	0	0	0	0	0	9	0	0	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST			MAXIMUM WIND GUST			
16		9755	23	21	12	03	06	74	00	02	0	0	0	0	0	0	0	9	0	0	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST			MAXIMUM WIND GUST			
19		9809	15	14	08	04	09	02	00	47	4	4	0	0	0	0	0	9	0	1	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST			MAXIMUM WIND GUST			
22		9834	14	13	08	03	10	32	00	44	4	4	0	0	0	0	0	9	0	1	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST			MAXIMUM WIND GUST			
29	01	9872	15	15	11	05	08	56	2	02	4	0	0	0	0	0	0	7	0	1	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST	27	12	MAXIMUM WIND GUST			
04		9902	20	18	13	07	12	74	05	03	1	1	0	0	0	0	0	7	0	1	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST			MAXIMUM WIND GUST			
07		9935	23	22	17	09	08	74	00	02	1	1	0	0	0	0	0	7	0	1	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST			MAXIMUM WIND GUST			
10		9952	26	25	20	09	05	74	00	02	0	0	0	0	0	0	0	7	0	1	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST			MAXIMUM WIND GUST			
13		9953	27	24	16	05	06	74	00	02	0	0	0	0	0	0	0	7	0	1	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST			MAXIMUM WIND GUST			
16		9955	24	22	17	03	10	74	00	02	0	0	0	0	0	0	0	7	0	1	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST			MAXIMUM WIND GUST			
19		9952	23	22	16	09	09	74	00	02	0	0	0	0	0	0	0	7	0	1	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST			MAXIMUM WIND GUST			
22		9958	21	19	12	09	14	74	05	02	0	0	0	0	0	0	0	7	0	1	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST			MAXIMUM WIND GUST			
30	01	9948	19	18	14	11	18	74	05	02	2	2	0	0	0	0	0	5	0	1	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST	26	16	MAXIMUM WIND GUST			
04		9938	19	18	13	11	11	74	05	02	2	2	0	0	0	0	0	5	0	1	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST			MAXIMUM WIND GUST			
07		9917	21	19	12	16	10	74	05	02	2	2	0	0	0	0	0	5	0	1	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST			MAXIMUM WIND GUST			
10		9698	26	25	20	18	05	74	05	02	2	2	0	0	0	0	0	5	0	1	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST			MAXIMUM WIND GUST			
13		9681	26	25	13	18	13	74	05	02	2	2	0	0	0	0	0	5	0	1	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST			MAXIMUM WIND GUST			
16		9689	22	20	14	14	07	16	05	02	71	7	0	0	0	0	0	5	0	1	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST			MAXIMUM WIND GUST			
19		9667	23	22	17	16	11	58	08	71	7	0	0	0	0	0	0	5	0	1	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST			MAXIMUM WIND GUST			
22		9655	23	22	19	16	10	48	08	71	7	0	0	0	0	0	0	5	0	1	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST			MAXIMUM WIND GUST			
31	01	9831	24	23	19	16	05	74	08	02	2	2	0	0	0	0	0	7	0	1	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST	30	25	MAXIMUM WIND GUST			
04		9607	25	24	21	02	08	32	03	71	2	2	0	0	0	0	0	5	0	1	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST			MAXIMUM WIND GUST			
07		9780	26	25	23	05	03	01	08	75	7	0	0	0	0	0	0	5	0	1	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST			MAXIMUM WIND GUST			
10		9752	25	25	22	18	07	01	03	75	7	0	0	0	0	0	0	5	0	1	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST			MAXIMUM WIND GUST			
13		9738	26	26	23	18	06	16	08	71	7	0	0	0	0	0	0	5	0	1	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST			MAXIMUM WIND GUST			
16		9733	30	29	28	04	20	16	08	56	3	0	0	0	0	0	0	6	4	4	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST			MAXIMUM WIND GUST			
19		9738	30	30	29	06	30	01	08	59	3	0	0	0	0	0	0	5	7	7	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST			MAXIMUM WIND GUST			
22		9755	27	26	24	34	20	62	08	02	3	0	0	0	0	0	0	5	7	7	DIR	S x 10	KT	SPEED	MAX WIND GUST	MIN WIND GUST			MAXIMUM WIND GUST			

Results of Surface Observations
WILKES NOV 1962

LOCAL STANDARD TIME		STATION LEVEL PRESSURE				TEMPERATURES		SURFACE WIND		VISIBILITY				CLOUD AMOUNT				DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST		EXTREME TEMPERATURES			
DAY	HOUR	in	in	°F	°F	%	%	° x 10 ⁻²	KT	VV	Oktas	WW	Present Weather	Past Weather	Amount	Type	Base	Low	Middle	High	Direction	Speed	Anemometer Wind Run	Points	Maximum	Minimum
		lb x 10 ⁻¹	in	in	in	%	%	° x 10 ⁻²	KT	KT	KT	KT	KT	KT	KT	KT	KT	D _L	D _M	D _H	KT	KT	KT Miles	Wind Run	Wind Run	Wind Run
01	01	9789	25	25	23	02	03	48	8	71	3	7	7	7	7	7	5	4	4	4	8	34	13	25	22	
	04	9802	25	25	23	14	07	05	08	73	75	7	7	7	7	7	5	4	4	4	8	34	13			
	07	9824	25	24	22	02	05	01	08	75	7	7	7	7	7	7	5	4	4	4	8					
	10	9837	25	24	21	02	08	02	08	71	7	7	7	7	7	7	5	4	4	4	8					
	13	9847	25	24	22	06	10	03	08	71	7	7	7	7	7	7	5	5	5	5	7					
	16	9857	24	23	19	32	08	48	88	71	7	7	7	7	7	7	5	5	5	5	7					
	19	9865	24	23	20	32	02	48	88	71	7	7	7	7	7	7	5	5	5	5	7					
	22	9866	24	23	20	32	06	10	88	71	7	7	7	7	7	7	5	5	5	5	7					
02	01	9870	22	21	18	26	11	16	88	71	7	7	7	7	7	7	5	5	5	5	6					
	04	9877	21	20	17	26	09	48	88	71	7	7	7	7	7	7	5	5	5	5	6					
	07	9879	23	22	20	00	00	40	88	71	7	7	7	7	7	7	5	5	5	5	6					
	10	9878	26	22	15	27	13	74	88	02	7	8	8	8	8	8	5	5	5	5	6					
	13	9884	24	22	16	27	11	74	88	01	2	2	2	2	2	2	5	5	5	5	6					
	16	9888	25	23	19	27	12	74	88	02	2	2	2	2	2	2	5	5	5	5	6					
	19	9884	23	22	18	29	07	74	7	02	2	7	7	7	7	7	0	0	0	0	0					
	22	9892	15	14	10	07	06	74	3	01	1	3	5	5	5	5	5	5	5	5	6					
03	01	9915	13	12	08	05	03	74	5	02	0	3	5	5	5	5	5	7	0	0	0			26	10	
	04	9933	12	12	08	14	03	74	7	03	1	7	5	5	5	5	5	7	0	0	0					
	07	9955	16	15	10	03	04	74	1	01	1	0	0	0	0	0	9	0	0	0	1					
	10	9966	24	22	15	16	04	74	1	02	0	0	0	0	0	0	9	0	0	0	1					
	13	9982	27	24	15	00	00	74	0	02	0	0	0	0	0	0	9	0	0	0	1					
	16	9997	25	23	15	09	03	74	1	02	0	0	0	0	0	0	9	0	0	0	1					
	19	10002	16	14	07	09	08	74	2	03	0	0	0	0	0	0	9	0	0	0	0					
	22	10001	16	15	09	20	08	74	0	01	0	0	0	0	0	0	9	0	0	0	0			27	10	
04	01	9989	13	12	05	18	07	74	0	01	0	0	0	0	0	0	9	0	0	0	0					
	04	9977	12	10	01	14	01	74	0	02	0	0	0	0	0	0	9	0	0	0	0					
	07	9969	18	16	08	00	00	74	0	02	0	0	0	0	0	0	9	0	0	0	0					
	10	9970	24	21	10	32	07	74	0	02	0	0	0	0	0	0	9	0	0	0	0					
	13	9972	25	21	10	18	09	74	0	02	0	0	0	0	0	0	9	0	0	0	0					
	16	9970	25	22	12	32	03	74	0	02	0	0	0	0	0	0	9	0	0	0	0					
	19	9957	17	15	05	11	03	74	0	02	0	0	0	0	0	0	9	0	0	0	0					
	22	9946	23	20	08	18	13	74	0	02	0	0	0	0	0	0	9	0	0	0	0			29	08	
05	01	9947	16	13	00	07	07	74	0	02	0	0	0	0	0	0	9	0	0	0	0					
	04	9943	13	12	05	05	10	74	0	02	0	0	0	0	0	0	9	0	0	0	0					
	07	9933	26	24	18	20	24	74	0	02	0	0	0	0	0	0	9	0	0	0	0					
	10	9915	25	23	16	16	08	74	0	02	0	0	0	0	0	0	9	0	0	0	0					
	13	9911	24	22	14	35	06	74	0	02	0	0	0	0	0	0	9	0	0	0	0					
	16	9898	26	23	15	00	00	74	0	02	0	0	0	0	0	0	9	0	0	0	0					
	19	9884	25	22	12	36	03	74	0	02	0	0	0	0	0	0	9	0	0	0	0					
	22	9864	17	16	11	33	02	1	39	0	0	0	0	0	0	0	9	0	0	0	0			32	09	
06	01	9864	12	11	04	16	35	02	1	39	3	0	0	0	0	0	9	0	0	0	0					
	04	9846	06	06	00	18	34	62	0	36	3	0	0	0	0	0	9	0	0	0	0					
	07	9830	07	06	50	01	13	30	04	1	37	3	0	0	0	0	9	0	0	0	0					
	10	9820	11	10	00	16	37	74	0	36	3	0	0	0	0	0	9	0	0	0	0					
	13	9803	15	13	04	17	25	74	0	02	3	0	0	0	0	0	9	0	0	0	0					
	16	9803	17	15	05	17	27	74	0	02	3	0	0	0	0	0	9	0	0	0	0					
	19	9802	14	13	07	09	02	74	0	02	3	0	0	0	0	0	9	0	0	0	0					
	22	9794	10	09	01	07	10	74	0	02	3	0	0	0	0	0	9	0	0	0	0			17	06	
07	01	9795	05	04	508	06	11	74	0	02	0	0	0	0	0	0	9	0	0	0	0					
	04	9795	04	04	501	15	05	74	5	03	1	5	5	5	5	5	9	0	0	0	0					
	07	9779	11	10	03	06	09	74	6	03	2	2	6	6	6	6	9	0	0	0	0					
	10	9769	14	12	05	01	07	74	6	02	2	2	5	5	5	5	9	0	0	0	0					
	13	9779	15	13	05	07	09	74	6	03	2	2	5	5	5	5	9	0	0	0	0					
	16	9782	15	14	07	09	00	74	7	01	2	2	7	7	7	7	9	0	0	0	0					
	19	9793	12	11	03	07	07	74	1	01	2	2	7	7	7	7	9	0	0	0	0					
	22	9801	07	05	510	09	05	74	1	01	2	2	7	7	7	7	9	0	0	0	0			16	04	
08	01	9822	01	500	512	09	20	74	1	02	0	1	0	0	0	0	9	0	0	0	0					
	04	9840	08	06	503	11	11	74	8	03	2	2	8	8	8	8	9	0	0	0	0					
	07	9841	15	16	02	15	09	74	8	02	2	2	8	8	8	8	9	0	0	0	0					
	10	9840	17	15	04	17	06	74	8	01	2	2	8	8	8	8	9	0	0	0	0					
	13	9850	22	18	07	18	03	74	9	01	2	2	9	9	9	9	9	0	0	0	0					
	16	9851	23	20	08	00	00	74	1	03	2	2	9	9	9	9	9	0	0	0	0					
	19	9851	14	12	03	09	10	74	0	01	2	2	9	9	9	9	9	0	0	0	0					
	22	9846	10	09	00	08	10	74	0	01	2	2	9	9	9	9	9	0	0	0	0					
09	01	9840	12	09	508	08	08	74	0	02	0	1	3	3	3	3	9	0	0	0	0					
	04	9835	18	16	08	10	09	74	8	03	1	3	3	3	3	3	9	0	0	0	0					
	07	9823	21	19	11	16	09	74	7	01	2	2	4	4	4	4	9	0	0	0	0					
	10	9820	20	19	15	08	08	66	8	03	2</td															

Results of Surface Observations,
WILKES NOV 1962

LOCAL STANDARD TIME		STATION LEVEL PRESSURE mb x 10 ⁻²	TEMPERATURES			SURFACE WIND		VISIBILITY km	CLOUD AMOUNT	LOW CLOUD		DIRECTION OF CLOUD MOVEMENT		MAXIMUM WIND GUST		ANEROID METER WIND RUN miles	PRECIPITATION Points	EXTREME TEMPERATURES			
DAY	HOUR		DRY BULB °F	WET BULB °F	DEW POINT °F	% x 10 DIRECTION	KT SPEED			WW	Oktas	PAST WEATHER	C _L	TYPE	D _L	M _M	H _H	KT SPEED	MAXIMUM WIND GUST miles	MAXIMUM MINIMUM °F	
			in	in	in	in	in			in	in	in	in	in	in	in	in	in	in		
10	01	9809	18	16	9	09	25	48	8	36	36	3	B	6	6	6	6	09	40	27 15	
04		9807	17	15	07	09	21	62	8	36	36	3	B	6	6	6	6				
07		9805	19	18	13	09	21	52	8	36	36	3	B	6	6	6	6				
10		9798	23	21	15	09	20	74	8	02	22	8	6	6	6	6	6				
13		9786	24	23	19	09	27	62	8	36	36	3	B	6	6	6	6				
16		9779	25	22	14	09	23	65	7	36	35	3	B	6	6	6	6				
19		9769	23	21	15	09	27	65	8	36	36	3	B	6	6	6	6				
22		9751	20	19	13	09	34	32	8	36	35	3	B	6	6	6	6				
11	01	9727	24	22	15	17	15	66	8	02	3	3						09	40	27 15	
04		9692	23	21	16	19	17	65	8	03	22	6									
07		9648	27	25	19	27	10	55	8	71	22	6									
10		9630	29	27	24	06	04	63	8	02	78	8									
13		9620	29	27	22	06	18	74	8	02	78	8									
16		9640	28	26	22	32	05	58	8	70	22	8									
19		9667	28	26	22	03	18	66	8	36	36	7	B	6	6	6	6		29 24		
22		9682	28	26	22	09	28	58	6	36	36	3	B	6	6	6	6				
12	01	9708	26	24	19	09	26	74	8	02	22	8						09	36	31 23	
04		9730	26	24	20	09	28	53	8	36	36	3	B	6	6	6	6				
07		9753	26	25	22	09	21	52	8	71	32	8									
10		9759	29	27	23	08	15	55	8	02	78	8									
13		9789	31	28	21	27	04	74	8	02	78	8									
16		9803	31	27	19	05	06	66	8	77	23	8									
19		9823	29	27	23	24	04	65	8	77	23	8									
22		9833	25	23	18	09	10	66	8	02	78	8									
13	01	9844	23	21	15	03	02	58	8	70	78	6	4	4	4	4	4	09	37	27 20	
04		9853	22	21	15	04	04	58	8	71	78	6	4	4	4	4	4				
07		9860	25	23	18	16	08	58	8	71	78	6	4	4	4	4	4				
10		9864	26	25	23	18	10	58	8	02	72	2	5	5	5	5	5				
13		9857	27	26	23	18	08	58	8	71	78	6	0	9	9	0	0				
16		9854	27	26	23	18	11	65	8	02	78	8	0	9	9	0	0				
19		9847	24	23	19	14	06	74	8	02	70	0	0	9	0	0	0				
22		9837	21	19	10	04	06	74	8	02	20	0	0	9	0	0	0				
14	01	9833	19	17	09	04	10	74	8	02	20	0	0	9	0	0	0	7	7	26 13	
04		9832	20	18	13	04	13	74	8	02	20	0	0	9	0	0	0	7	7		
07		9850	23	20	10	04	10	74	8	02	20	0	0	9	0	0	0	7	7		
10		9826	26	23	15	02	13	74	8	02	20	0	0	9	0	0	0	7	7		
13		9823	26	23	13	02	13	74	5	01	22	0	0	9	0	0	0	7	7		
16		9820	26	23	15	02	09	74	7	03	22	0	0	9	0	0	0	7	7		
19		9830	20	18	10	06	09	74	7	02	22	0	0	9	0	0	0	7	7		
22		9837	15	14	08	04	10	74	1	01	21	0	0	9	3	0	0				
15	01	9847	13	12	04	07	08	74	0	01	10	0	0	9	0	0	0	04	16	29 13	
04		9856	15	13	04	16	02	74	2	02	0	0	0	9	0	0	0				
07		9866	20	18	08	09	05	74	5	03	10	0	0	9	0	0	0				
10		9871	28	25	16	05	02	74	2	02	10	0	0	9	0	0	0				
13		9867	24	21	13	18	10	74	1	01	10	0	0	9	0	0	0				
16		9864	24	22	16	18	07	74	7	03	0	0	0	9	0	0	0				
19		9860	21	20	14	06	12	74	7	03	0	0	0	9	0	0	0				
22		9860	19	17	07	11	02	74	8	03	25	0	0	9	3	2	0				
16	01	9855	22	20	14	18	09	74	8	03	22	8	5	7	5	5	2	04	12	38 16	
04		9862	23	21	15	36	05	74	8	02	22	6	5	5	2	2	0				
07		9859	28	25	17	15	04	74	8	02	22	6	5	5	2	0	0				
10		9855	29	25	15	19	04	74	7	02	22	6	5	5	0	0	0				
13		9850	33	29	21	36	06	74	5	01	22	0	0	9	0	0	0				
16		9843	32	28	20	54	04	74	1	01	22	0	0	9	0	0	0				
19		9853	26	23	15	14	06	74	1	02	21	0	0	9	4	2	1				
22		9820	20	18	11	14	07	74	1	02	01	0	0	9	3	0	0				
17	01	9810	16	14	06	09	09	74	1	02	02	0	1	0	0	9	3	0	0		
04		9808	20	18	11	34	02	74	1	02	02	0	1	0	0	9	0	0	0		
07		9810	26	23	15	02	74	3	02	02	0	0	0	0	9	0	0	1			
10		9811	31	25	09	00	00	74	3	02	02	0	0	0	0	9	0	0	1		
13		9806	34	28	16	00	00	74	4	03	00	0	0	0	0	9	0	0	1		
16		9806	31	26	16	31	03	74	1	01	10	0	0	0	0	9	0	0	1		
19		9813	25	22	13	04	05	74	1	02	10	0	0	0	0	9	0	0	1		
22		9815	18	16	08	05	11	74	0	02	02	0	0	0	0	9	0	0	0		
18	01	9818	18	16	09	07	12	74	0	02	02	0	0	0	0	9	0	0	0		
04		9823	19	17	09	07	12	74	3	03	00	0	0	0	0	9	0	0	0		
07		9828	24	22	15	04	08	74	3	02	02	0	1	0	0	9	3	0	2		
10		9821	29	25	16	01	07	74	1	02	01	0	1	0	0	9	3	0	0		
13		9814	28	25	14	36	06	74	3	02	00	0	3	0	0	9	3	0	0		
16		9811	30	26	16	00	00	74	1	03	00	0	1	0	0	9	0	0	0		
19		9803	27	24	16	00	00	74	1	03	00	0	1	0	0	9	4	0	0		
22		9789	16	14	06	07	11	74	1	02	01	0	1	5	5	0	0	0	0		

Results of Surface Observations,
WILKES NOV 1962

LOCAL STANDARD TIME		STATION LEVEL PRESSURE				TEMPERATURES		SURFACE WIND		VISIBILITY				CLOUD AMOUNT				PRESENT WEATHER				LOW CLOUD				DIRECTION OF CLOUD MOVEMENT				MAXIMUM WIND GUST		EXTREME TEMPERATURES	
DAY	HOUR	mm x 10 ⁻¹	°F	°F	°F	DRY BULB	MET BULB	DEWPONT	DIRECTION ° x 10	KILOMETERS	VV	Oktas	WW	W	UNITS	CLOUD TYPE	C _L	C _M	C _H	LOW	MIDDLE	HIGH	DIRECTION ° x 10	KILOMETERS	ST. MILES	PRECIPITATION Points	MAXIMUM °F	MINIMUM °F					
19	01	9796	20	18	12	07	08	74	7	02	2	7	7	5	5																		
	04	9796	15	14	07	09	07	74	7	02	2	8	7	5	5																		
	07	9800	24	21	13	20	03	74	8	02	2	8	7	5	5																		
	10	9799	26	23	15	17	10	74	6	01	2	6	5	6	0																		
	13	9795	28	25	11	17	09	74	7	03	2	7	5	5	0																		
	16	9797	30	27	20	20	06	74	5	01	2	5	5	5	0																		
	19	9795	26	24	17	04	07	74	3	01	1	3	5	7	0																		
	22	9794	21	19	12	04	16	74	0	02	0	0	0	9	0																		
20	01	9804	20	18	08	04	16	74	1	02	0	1	0	9	3	0																	
	04	9806	22	20	12	05	15	74	7	02	2	8	5	7	0																		
	07	9810	25	25	19	04	13	74	8	02	2	8	5	7	0																		
	10	9814	26	24	19	04	12	74	9	02	2	8	5	7	0																		
	13	9824	27	25	20	02	12	74	8	02	2	8	5	7	0																		
	16	9831	26	25	21	04	03	66	8	71	2	8	5	7	0																		
	19	9834	25	24	20	00	00	66	8	02	2	8	5	7	0																		
	22	9837	23	21	15	02	04	74	8	02	2	8	5	7	0																		
21	01	9843	22	20	13	03	04	74	8	02	2	8	7	5	7	0																	
	04	9850	23	21	17	13	08	74	7	02	2	8	5	7	0																		
	07	9857	26	24	18	18	04	74	8	02	2	8	5	6	0																		
	10	9859	26	25	20	05	05	74	8	02	2	8	5	6	0																		
	13	9857	28	26	21	18	06	74	7	01	2	7	5	6	0																		
	16	9855	29	27	22	17	07	74	4	01	1	4	5	6	0																		
	19	9859	24	21	15	05	04	74	1	01	0	1	5	6	0																		
	22	9867	22	19	10	13	07	74	6	02	2	6	5	6	0																		
22	01	9860	17	15	05	10	24	74	0	01	2	0	0	9	0	0																	
	04	9865	25	23	16	18	04	74	1	03	0	1	5	7	0	0																	
	07	9872	28	25	19	09	02	74	8	02	2	8	5	7	0																		
	10	9878	28	25	17	14	04	74	8	02	2	8	5	7	0																		
	13	9885	29	28	25	02	05	74	8	02	2	8	5	7	0																		
	16	9894	29	27	22	17	07	74	4	01	1	4	5	6	0																		
	19	9902	28	25	19	15	25	04	74	8	02	2	8	5	7	0																	
	22	9907	28	25	19	27	10	74	8	02	2	8	5	7	0																		
23	01	9911	27	24	17	29	10	74	8	02	2	8	5	7	0																		
	04	9920	27	25	20	32	08	74	8	02	2	8	5	7	0																		
	07	9928	26	24	18	32	12	74	8	02	2	8	5	7	0																		
	10	9931	28	26	21	30	09	74	3	03	1	3	2	6	0	0																	
	13	9944	26	24	19	31	17	74	1	01	0	1	1	6	0	0																	
	16	9945	25	23	25	30	02	05	74	8	02	2	8	5	7	0																	
	19	9942	24	23	19	31	10	74	7	02	2	7	5	6	0																		
	22	9937	22	20	12	20	08	74	8	02	2	8	5	7	0																		
24	01	9942	21	19	12	03	12	74	8	02	2	8	5	6	0																		
	04	9923	18	16	08	09	10	74	6	02	2	8	5	6	0																		
	07	9911	21	19	10	05	11	74	8	02	2	8	5	6	0																		
	10	9899	25	23	16	04	17	74	8	02	2	8	5	6	0																		
	13	9869	28	26	21	08	23	74	6	01	2	6	0	9	7	0																	
	16	9851	25	23	18	09	30	66	6	36	2	6	0	9	7	0																	
	19	9941	23	21	14	11	50	63	8	56	3	3	0	9	7	8	0																
	22	9818	24	22	16	11	32	63	8	36	3	2	0	9	7	8	0																
25	01	9797	24	23	18	13	20	48	8	36	3	8	0	9	7	0																	
	04	9786	23	21	16	10	45	16	8	37	3	5	5	5	3	0																	
	07	9793	24	22	16	12	30	58	8	36	3	5	5	5	2	0																	
	10	9804	29	26	20	16	15	66	8	71	3	5	5	5	2	0																	
	13	9804	31	28	22	31	10	66	8	02	2	7	5	5	2	0																	
	16	9791	25	22	11	46	01	8	37	2	8	5	5	5	2	0																	
	19	9832	30	26	16	06	14	63	8	71	3	5	5	5	7	0																	
	22	9843	29	25	14	11	17	66	8	02	2	7	5	5	7	0																	
26	01	9857	28	26	21	11	08	66	8	02	2	8	5	7	0																		
	04	9874	28	26	21	07	05	74	8	02	2	8</td																					

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 $\text{mb} \times 10^{-1}$	DRY BULB °F	MET BULB °F	DEW POINT °F	$\Delta \times 10$	DIRECTION kt	VV 0km	WW 0km	PAST WEATHER	CLOUD AMOUNT	C _L h	C _M h	C _H h	BASE h	LOW	MIDDLE	HIGH	DIRECTION kt	SPEED $\times 10$	ANEMOMETER WIND RUN St.miles	PRECIPITATION Points	MAXIMUM °F	MINIMUM °F
28	01	9965	24	22	17	06	05	74	8	02	2	8	5	7	6									
	04	9965	25	23	15	02	06	74	8	02	2	8	5	7	7									
	07	9965	27	23	12	36	03	74	8	02	2	8	5	7	7									
	10	9980	28	26	19	28	04	74	8	02	2	8	5	7	7									
	13	9980	30	27	20	23	05	74	8	02	2	8	5	7	7									
	16	9980	30	27	20	23	05	74	8	01	2	7	6	7	7									
	19	9980	28	25	19	24	05	74	8	01	2	7	6	7	7									
	22	9972	18	16	07	10	05	74	6	01	1	1	6	7	7									
29	01	9975	21	20	15	09	05	74	8	03	2	8	5	6	6									
	04	9975	24	22	17	07	03	74	8	02	2	8	5	6	6									
	07	9969	27	24	16	36	04	74	8	02	2	8	5	6	6									
	10	9962	28	26	22	36	04	74	8	02	2	8	5	6	6									
	13	9959	31	27	18	36	03	74	8	02	2	7	5	6	6									
	16	9956	30	28	23	01	04	74	8	02	2	7	5	6	6									
	19	9956	27	25	18	04	09	74	8	02	2	8	5	6	6									
	22	9955	28	25	16	07	08	74	8	02	2	2	5	6	6									
30	01	9952	28	26	22	07	12	58	8	70	2	8	6	4	4									
	04	9952	26	25	22	07	13	66	8	70	2	8	6	4	4									
	07	9948	25	23	17	03	10	58	8	70	2	8	6	4	4									
	10	9946	28	27	24	00	00	16	8	71	7	8	6	5	5									
	13	9936	25	24	21	16	11	24	8	71	7	8	6	5	5									
	16	9931	28	27	24	00	00	74	8	70	7	8	6	5	5									
	19	9929	27	26	21	16	05	66	8	70	7	8	6	5	5									
	22	9921	25	24	21	06	04	48	8	71	7	8	6	5	5									

Results of Surface Observations,
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LOCAL STANDARD TIME	DAY	HOUR	TEMPERATURES				SURFACE WIND		VISIBILITY	CLOUD AMOUNT	PRESENT WEATHER	FAST WEATHER	LOW CLOUD			MIDDLE CLOUD			HIGH CLOUD			DIRECTION OF CLOUD MOVEMENT		MAXIMUM WIND GUST		ANEMOMETER WIND RUN	PRECIPITATION	EXTREME TEMPERATURES			
			STATION LEVEL PRESSURE		DRY BULB	WET BULB	DEW POINT	DIRECTION					Oktas	ww	#	Oktas	ww	#	C _L	h	C _H	C _M	D _L	D _M	D _H	*x10	kt	St. miles	Points	MAXIMUM	MINIMUM
			mb x 10 ⁻¹	°F	%	°F	%	°F x 10	kt	VV																					
01	01	9915	21	20	15	00	00	74	8	02	7	8	5	6	6	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0
	04	9911	24	21	16	09	02	74	8	02	7	8	5	6	6	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
	07	9901	27	24	18	21	03	74	8	02	7	8	5	6	6	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
	10	9890	27	24	16	19	03	74	6	01	2	2	1	1	1	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
	13	9878	32	28	19	00	00	74	5	01	1	1	1	1	1	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
	16	9869	29	26	18	15	02	74	5	01	1	1	1	1	1	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
	19	9861	30	27	20	34	04	74	1	01	0	1	0	1	0	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
	22	9850	24	23	19	08	03	74	8	03	0	8	5	6	6	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
	01	9847	23	22	16	11	09	74	8	02	2	8	5	6	6	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
	04	9840	23	21	15	14	12	74	8	02	2	8	5	6	6	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
02	07	9841	25	22	13	10	05	74	7	01	2	2	7	7	7	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
	10	9837	27	24	16	04	06	74	3	01	2	1	1	1	1	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
	13	9841	29	26	18	36	04	74	1	02	0	1	1	1	1	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
	16	9845	29	26	21	00	00	74	8	03	1	1	1	1	1	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
	19	9840	26	24	16	10	04	74	5	02	1	1	1	1	1	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
	22	9840	18	16	08	07	74	5	02	1	1	1	1	1	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
	01	9840	21	19	13	14	04	74	6	03	1	1	1	1	1	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
	04	9839	23	21	12	16	03	74	7	03	2	0	0	0	0	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
	07	9843	26	23	13	05	02	74	8	03	2	2	8	8	8	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
	10	9843	29	25	15	17	07	74	8	02	2	2	8	8	8	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
03	13	9839	29	26	16	18	08	74	8	02	2	2	5	5	5	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
	16	9841	31	27	18	23	04	66	7	02	2	2	5	5	5	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
	19	9841	31	27	18	20	03	74	7	02	2	2	7	5	5	8	8	2	0	0	0	0	0	0	0	0	0	0	0		
	22	9841	29	25	19	00	00	74	8	03	2	1	5	5	5	8	8	2	0	0	0	0	0	0	0	0	0	0	0		
	01	9840	25	23	18	11	05	74	8	02	2	2	8	5	5	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
	04	9841	26	24	18	05	04	74	8	02	2	2	8	5	5	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
	07	9857	30	26	17	09	03	74	2	01	2	2	2	5	5	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
	10	9826	31	27	17	36	05	74	8	02	1	1	1	1	1	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
	13	9810	30	27	20	36	05	74	9	02	2	2	8	5	5	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
	16	9784	31	28	20	04	18	74	8	02	2	2	8	5	5	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
05	19	9766	30	28	22	07	17	74	8	02	2	2	8	5	5	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
	22	9762	29	27	22	07	15	74	8	02	2	1	5	5	5	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
	01	9772	30	27	22	07	19	74	8	02	2	8	5	7	7	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
	04	9782	30	28	23	07	21	74	8	02	2	8	5	7	7	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
	07	9799	30	28	24	06	22	65	8	02	2	8	5	7	7	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
	10	9806	31	30	28	05	32	32	8	71	7	8	5	5	5	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
	13	9820	32	30	26	03	25	32	8	71	7	8	5	5	5	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
	16	9837	33	31	29	03	23	52	8	02	7	8	5	5	5	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
	19	9840	32	31	29	05	17	52	8	02	2	2	1	1	1	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
	22	9837	32	30	27	07	14	66	8	02	7	8	5	5	5	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	
06	01	9837	32	29	24	18	04	74	8	02	2	8	5	6	6	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0
	04	9837	30	27	20	25	04	74	8	02	2	8	5	6	6	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0
	07	9845	31	29	26	18	01	58	8	71	7	8	5	5	5	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0
	10	9843	34	31	27	33	02	32	8	70	7	2	1	1	1	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0
	13	9840	42	38	31	00	00	74	6	02	1	1	1	1	1	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0
	16	9829	38	35	25	00	00	74	7	02	2	1	1	1	1	8	8	2	0	0	0	0</td									

Results of Surface Observations,
WILKES DEC. 1962

LOCAL STANDARD TIME		STATION LEVEL PRESSURE	TEMPERATURES				SURFACE WIND		LOW CLOUD				DIRECTION OF CLOUD MOVEMENT				MAXIMUM WIND GUST		EXTREME TEMPERATURES					
DAY	HOUR		DRY BULB mb x 10 ⁻¹	°C	WET BULB °F	%	DEW POINT °F	DIR. x 10	SPEED kt	VISIBILITY	CLOUD AMOUNT	PAST WEATHER	AMOUNT	TYPE	BASE	CLOUD	DIR. LOW	DIR. MIDDLE	DIR. HIGH	SPEED x 10 kt	ANEMOMETER WIND RUN St. miles	PRECIPITATION Points	MAXIMUM °F	MINIMUM °F
									VV	Oktas	WW	W	Oktas	C _L	h	C _M	C _H	D _L	D _M	D _H				
10	01	9890	28	27	24	04	12	74	8	02	2	B	5	7										
	04	9885	27	25	20	06	12	74	8	01	2	B	0	9										
	07	9876	28	26	21	07	14	74	8	05	2	B	0	9										
	10	9867	31	29	25	05	15	48	8	71	7	B	0	9										
	13	9853	32	31	29	04	18	48	8	71	7	B	0	9										
	16	9841	30	28	24	05	25	48	8	71	7	B	0	9										
	19	9840	28	26	22	07	20	62	8	02	7	B	0	9										
	22	9824	28	25	19	09	24	66	8	02	2	B	0	9										
11	01	9811	27	25	20	09	26	66	8	02	2	B	5	6										
	04	9807	27	24	17	08	30	66	8	02	2	B	5	6										
	07	9804	27	25	20	08	25	66	8	02	2	B	5	6										
	10	9811	31	27	19	20	04	74	8	02	2	B	5	6										
	13	9807	30	27	21	22	12	58	8	71	7	B	5	6										
	16	9810	32	29	25	16	05	74	8	02	2	B	5	6										
	19	9816	30	27	19	06	05	58	8	71	7	B	5	6										
	22	9824	28	26	22	12	08	74	6	01	2	B	5	6										
12	01	9827	26	24	18	00	06	66	7	01	2	B	0	9										
	04	9836	27	25	21	14	11	58	8	02	2	B	5	6										
	07	9847	26	26	25	20	06	04	8	73	7	B	5	6										
	10	9846	28	26	21	18	12	74	8	02	2	B	5	6										
	13	9843	31	28	23	04	03	74	8	02	2	B	5	6										
	16	9843	29	27	23	32	07	74	8	02	2	B	5	6										
	19	9840	30	28	23	00	00	74	8	02	2	B	5	6										
	22	9836	31	29	24	02	15	74	8	02	2	B	5	6										
13	01	9839	30	28	24	05	13	74	8	02	2	B	5	7										
	04	9844	29	27	23	36	04	74	7	02	2	B	5	7										
	07	9851	31	29	25	02	05	74	8	02	2	B	5	7										
	10	9857	33	30	26	02	10	74	8	02	2	B	5	7										
	13	9862	35	31	25	34	03	66	8	02	2	B	5	7										
	16	9863	34	32	29	20	04	74	9	02	2	B	5	7										
	19	9871	31	30	27	20	05	16	8	71	7	B	5	7										
	22	9872	32	29	24	34	06	62	8	02	7	B	5	7										
14	01	9865	29	27	23	09	18	62	8	36	2	B	5	4										
	04	9868	30	27	21	09	17	74	8	02	2	B	5	4										
	07	9873	29	29	28	25	08	10	8	71	7	B	5	4										
	10	9872	32	30	26	18	05	48	8	71	7	B	5	4										
	13	9867	33	30	26	16	07	74	8	02	2	B	5	4										
	16	9864	34	32	29	18	03	74	8	02	2	B	5	4										
	19	9858	34	31	26	18	03	74	8	02	2	B	5	4										
	22	9851	30	28	23	09	08	74	7	02	2	B	5	4										
15	01	9859	29	26	21	05	08	74	7	02	2	B	5	4										
	04	9863	30	28	23	05	08	74	7	02	2	B	5	4										
	07	9869	31	29	26	24	02	58	8	71	7	B	5	7										
	10	9871	35	32	28	20	03	32	8	71	7	B	5	7										
	13	9865	33	31	27	16	05	66	8	22	7	B	5	7										
	16	9860	40	35	28	00	00	74	8	02	2	B	5	7										
	19	9864	32	30	27	02	05	74	8	02	2	B	5	7										
	22	9860	30	29	27	32	04	58	7	71	2	B	5	7										
16	01	9860	29	27	23	05	02	74	8	02	2	B	5	7										
	04	9860	30	28	24	00	00	74	8	02	2	B	5	7										
	07	9860	33	31	27	00	00	74	7	01	2	B	5	7										
	10	9860	30	28	24	02	10	74	8	02	2	B	5	7										
	13	9864	29	26	19	36	14	74	8	02	2	B	5	7										
	16	9867	27	25	19	02	14	74	8	02	2	B	5	7										
	19	9867	27	25	20	02	14	66	8	02	2	B	5	7										
	22	9868	26	28	22	03	11	32	8	71	2	B	5	7										
i 7	01	9865	25	25	23	03	08	08	8	71	7	B	6	4										
	04	9858	27	26	23	03	11	32	8	71	7	B	6	4										
	07	9856	28	28	26	02	12	32	8	71	7	B	6	5										
	10	9849	29	28	26	36	09	66	8	02	2	B	6	5										
	13	9846	32	30	27	00	00	58	8	70	7	B	6	5										
	16	9840	32	29	24	05	12	66	8	22	7	B	6	5										
	19	9837	30	28	24	00	00	66	8	02	7	B	6	5										
	22	9830	28	27	25	07	11	58	8	71	2	B	6	5										
18	01	9827	28	25	17	07	10	56	8	71	7	B	6	4										
	04	9818	28	25	18	16	10	56	8	71	7	B	6	5										
	07	9813	28	26	21	18	10	74	8	02	7	B	6	5										
	10	9806	30	25	14	18	07	62	8	02	2	B	6	5</										

Results of Surface Observations,
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Results of Surface Observations,
WILKES DEC. 1962

LOCAL STANDARD TIME	DAY	HOUR	STATION LEVEL PRESSURE $\text{mb} \times 10^{-1}$	TEMPERATURES			SURFACE WIND			VISIBILITY VV	CLOUD AMOUNT Oktas	PRESENT WEATHER	LOW CLOUD			MIDDLE CLOUD			HIGH CLOUD			DIRECTION OF CLOUD MOVEMENT			MAXIMUM WIND GUST			EXTREME TEMPERATURES		
				DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION ° x 10 kt	SPEED kt	PAST WEATHER				AMOUNT	TYPE	BASE	C _L	C _M	C _H	D _L	D _M	D _H	DIRECTION ° x 10 kt	SPEED kt	ANEROID WIND RUN St. miles	PRECIPITATION	MAXIMUM in.	MINIMUM in.			
									ww																Points					
28	01	9752	55	29	21	14	13	74	8	02	2	1	1	5	5	2														
	04	9772	52	28	21	13	15	74	8	02	2	2	6	5	5	2														
	07	9784	52	30	26	20	04	74	8	02	2	2	8	5	7	0														
	10	9779	55	30	20	09	11	74	2	01	2	2	5	7	0	0														
	13	9782	56	32	25	15	04	74	1	01	2	1	5	7	0	0														
	16	9779	56	33	28	03	06	74	0	01	0	0	0	0	0	0														
	19	9772	53	30	25	01	06	74	0	02	0	0	0	0	0	0														
	22	9767	51	28	24	20	07	74	0	02	0	0	0	0	0	0														
29	01	9761	26	23	17	02	04	74	0	02	0	0	0	0	0	0														
	04	9761	28	25	18	02	10	74	0	02	0	0	0	0	0	0														
	07	9769	27	26	23	36	15	66	1	03	0	1	6	1	0	0														
	10	9771	28	25	17	01	23	74	1	02	0	1	5	5	0	0														
	13	9788	28	25	18	02	25	74	1	02	0	1	5	5	0	0														
	16	9795	29	26	19	05	14	74	7	03	1	7	5	5	0	0														
	19	9810	28	26	21	04	14	74	8	05	1	8	5	5	5	0														
	22	9810	27	24	16	04	13	74	8	02	2	8	5	5	5	0														
30	01	9812	26	24	18	06	14	74	8	02	2	8	5	5	5	0														
	04	9812	25	24	19	08	16	74	8	02	2	8	5	5	5	0														
	07	9815	27	25	19	07	13	74	8	02	2	8	5	5	6	0														
	10	9815	29	26	20	00	00	74	8	02	2	8	5	6	6	0														
	13	9818	31	27	18	22	03	74	8	02	2	8	5	7	7	0														
	16	9823	31	27	20	16	08	74	8	02	2	8	5	7	7	0														
	19	9821	31	26	17	09	02	74	7	02	2	7	5	7	7	0														
	22	9813	30	27	21	17	08	74	7	02	2	8	6	5	5	0														
31	01	9801	31	28	22	21	06	66	8	22	2	4	6	5	5	0														
	04	9793	32	28	20	09	28	74	8	02	2	8	5	6	6	0														
	07	9805	32	28	18	10	33	74	8	02	2	4	6	4	4	0														
	10	9814	32	29	22	10	33	74	8	02	2	5	6	5	5	0														
	13	9830	34	31	25	14	14	74	7	02	2	6	6	6	6	0														
	16	9842	34	30	22	19	25	74	7	02	2	7	5	6	6	0														
	19	9849	33	29	21	09	23	74	8	02	2	6	5	6	6	0														
	22	9854	31	28	22	10	35	74	9	02																				

**Results of Radiosonde Observations,
DAVIS JAN., 1962**

DAY	SURFACE				1000 MB.		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS									
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg																						
01	979	5028	2.0	516	0.67	5084	1.7	5110	1.1	5140	1.2	5158	1.2	5170	0.9	5170	2.0	5170	0.4	5170	2.0	5170	0.4					
02	986	5023	1.5	510	0.72	5088	1.3	5110	1.2	5153	0.7	5164	0.7	5174	0.6	5176	2.4	5176	0.4	5176	2.4	5176	0.4					
03	964	5004	2.6	528	0.55	5064	1.7	5097	1.7	5146	1.4	5132	1.4	5174	0.9	5162	2.2	5162	0.5	5162	2.2	5162	0.5					
04	977	5006	1.8	517	0.66	5065	1.5	5110	1.3	5157	1.3	5145	1.3	5177	0.5	5171	2.5	5171	0.2	5171	2.5	5171	0.2					
05	977	5020	1.9	517	0.65	5078	1.6	5110	1.4	5156	1.5	5151	1.5	5156	0.5	5197	0.5	5197	0.5	5197	0.5	5197	0.5					
06	980	5008	2.5	515	0.69	5057	1.6	5113	0.9	5160	1.6	5126	1.2	5160	0.7	5193	0.7	5193	0.5	5193	0.5	5193	0.5					
07	985	5022	2.2	511	0.73	5062	1.4	5117	1.6	5148	1.6	5131	1.2	5154	0.7	5198	0.7	5198	0.4	5198	0.4	5198	0.4					
08	987	5016	1.9	510	0.73	5084	1.4	5117	1.5	5105	1.5	5143	1.3	5144	0.8	5195	0.8	5195	0.4	5195	0.4	5195	0.4					
09	991	5014	2.5	505	0.77	5086	1.8	5121	1.5	5115	1.5	5157	1.2	5150	1.2	5210	0.8	5210	0.4	5210	0.4	5210	0.4					
10	992	5028	1.6	506	0.77	5072	1.4	5122	1.2	5110	1.3	5158	1.2	5148	1.2	5218	0.7	5218	0.3	5218	0.3	5218	0.3					
11	992	5038	1.8	505	0.77	5087	1.4	5121	1.2	5125	1.2	5157	1.1	5159	1.1	5222	0.7	5222	0.3	5222	0.3	5222	0.3					
12	991	5020	1.7	506	0.77	5084	1.2	5121	1.1	5118	1.2	5157	1.0	5134	0.9	5267	0.4	5267	0.2	5267	0.2	5267	0.2					
13	995	5043	1.5	503	0.90	5082	1.7	5124	1.4	5114	1.4	5150	1.1	5170	1.1	5227	0.4	5227	0.2	5227	0.2	5227	0.2					
14	990	5032	1.4	506	0.77	5092	1.2	5120	1.0	5115	1.0	5157	1.0	5150	0.9	5267	0.4	5267	0.2	5267	0.2	5267	0.2					
15	991	5016	1.7	505	0.76	5075	1.8	5122	1.0	5100	1.5	5159	1.2	5169	0.9	5195	0.9	5195	0.5	5195	0.5	5195	0.5					
17	991	5014	1.6	506	0.77	5073	1.6	5122	1.0	5108	1.5	5168	1.4	5138	1.2	5211	0.7	5211	0.3	5211	0.3	5211	0.3					
17	979	5030	1.0	516	0.67	5084	0.8	5112	1.2	5121	0.8	5159	0.6	5135	0.6	5190	0.4	5190	0.2	5190	0.2	5190	0.2					
18	980	5057	2.6	515	0.67	5099	1.5	5111	1.2	5126	0.9	5157	1.0	5165	0.7	5198	0.5	5198	0.2	5198	0.2	5198	0.2					
19	989	5058	1.4	507	0.76	5084	1.3	5120	1.1	5113	1.2	5156	1.0	5150	1.0	5200	0.5	5200	0.3	5200	0.3	5200	0.3					
20	987	5008	1.2	510	0.73	5090	1.4	5117	1.1	5111	0.9	5154	0.7	5149	0.7	5253	0.5	5253	0.3	5253	0.3	5253	0.3					
22	992	5022	1.4	506	0.76	5085	1.5	5120	1.5	5121	1.5	5154	1.3	5148	1.3	5223	0.7	5223	0.5	5223	0.5	5223	0.5					
23	991	5044	0.8	505	0.77	5077	1.0	5121	0.7	5105	0.7	5168	0.6	5148	0.6	5217	0.6	5217	0.4	5217	0.4	5217	0.4					
24	990	5057	0.9	507	0.77	5095	0.9	5119	0.9	5122	0.9	5165	0.8	5139	0.6	5175	0.3	5175	0.3	5175	0.3	5175	0.3					
26	987	5036	2.0	507	0.78	5094	1.3	5116	1.1	5132	1.1	5163	1.0	5171	1.0	5263	0.4	5263	0.2	5263	0.2	5263	0.2					
26	991	5035	1.7	508	0.81	5097	1.5	5124	1.3	5125	1.3	5155	1.3	5170	1.3	5200	0.9	5200	0.7	5200	0.7	5200	0.7					
28	983	5034	1.2	513	0.76	5069	1.5	5114	1.4	5124	0.9	5160	1.0	5152	0.5	5186	0.4	5186	0.2	5186	0.2	5186	0.2					
29	982	5015	1.8	516	0.76	5069	1.5	5114	1.4	5110	1.4	5151	1.3	5144	1.3	5251	0.8	5251	0.6	5251	0.6	5251	0.6					
29	976	5016	1.6	519	0.65	5068	1.4	5109	1.5	5111	1.5	5155	1.4	5135	1.4	5256	0.8	5256	0.6	5256	0.6	5256	0.6					
30	977	5035	1.2	517	0.66	5075	1.4	5110	1.1	5111	1.1	5156	1.0	5136	1.0	5256	0.1	5256	0.1	5256	0.1	5256	0.1					
31	983	5023	1.2	513	0.70	5077	1.2	5115	1.2	5116	1.2	5161	1.0	5149	1.0	5205	0.6	5205	0.4	5205	0.4	5205	0.4					
DAY	500 MILLIBARS				400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS					
	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg																									
01	499	540	0.1	652	455	0.1	839	540	1.04	470	2.96	455	576	438	727	407	923	399										
02	507	325	0.2	661	432	0.1	849	540	1.14	465	3.05	459	576	428	710	419												
03	491	307	0.2	649	408	0.1	840	524	1.04	465	2.96	466	576	428	728	410	924	405										
04	501	335	0.2	655	430	0.1	844	524	1.10	465	3.05	450	576	423	728	410	917	413										
05	499	349	0.1	552	434		849	538	1.10	453	3.04	430	576	423	728	410	917	413										
06	502	347	0.2	555	451		842	545	1.05	455	2.98	444	576	427	721	408	917	413										
07	506	358	0.2	558	465		844	564	1.05	462	2.97	446	576	415	722	405	919	393										
08	506	362	0.2	557	457		844	564	1.06	478	2.97	459	576	422	720	416	917	412										
09	507	380	0.2	557	479		843	556	1.07	474	2.98	456	576	424	722	417	917	406										
10	507	366	0.2	558	478		843	561	1.07	472	2.98	471	576	435	719	431	913	416										
11	506	366	0.1	557	473		843	570	1.08	477	2.99	459	576	421	725	415	918	416										
12	508	353	0.1	661	448		848	562	1.11	477	3.01	461	576	444	722	428												
13	512	355	0.2	663	464		850	547	1.13	487	3.03	465	576	429	724	418	918	429										
14	511	325	0.2	664	451	0.1	851	516	1.15	464	3.07	457	576	441														

Results of Radiosonde Observations,
DAVIS FEB., 1962

DAY	SURFACE				1000 MB.		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS						
	hr	PRESSURE	$^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO	gpDm	$^{\circ}\text{C} \times 10^{-1}$	gpDm	$^{\circ}\text{C} \times 10^{-1}$	gpDm	$^{\circ}\text{C} \times 10^{-1}$	gpDm	$^{\circ}\text{C} \times 10^{-1}$	gpDm	$^{\circ}\text{C} \times 10^{-1}$	gpDm	$^{\circ}\text{C} \times 10^{-1}$	gpDm	$^{\circ}\text{C} \times 10^{-1}$	gpDm	$^{\circ}\text{C} \times 10^{-1}$	gpDm				
01	987	5031	12	509	0.73	5095	1.4	117	5115	0.9	164	5141	0.7	214	5154	0.6	5218	0.6	3715	0.5					
03	986	5031	18	510	0.73	5085	1.7	117	5114	1.7	163	5148	0.7	213	5222	0.7	375	0.4							
03	984	5057	10	511	0.71	5098	0.6	115	5120	1.2	163	5148	0.7	213	5233	0.7	373	0.4							
04	987	5062	17	506	0.73	5094	1.5	117	5133	1.1	163	5171	1.0	212	5246	0.6	372	0.3							
05	990	5075	0.9	506	0.75	5105	1.1	119	5145	1.1	165	5154	0.8	214	5226	0.6	376	0.4							
06	992	5054	19	506	0.77	5089	1.2	121	5104	0.5	167	5139	0.4	218	5178	0.3	381	0.3							
08	994	5030	0.9	504	0.79	5054	0.6	124	5076	1.7	171	5096	0.8	213	5154	0.5	389	0.4							
09	993	018	10	506	0.78	5058	0.7	123	5095	0.7	170	5106	0.6	212	5133	0.6	388	0.2							
10	996	5023	15	506	0.80	5096	1.3	125	5137	1.2	171	5154	1.0	213	5131	0.7	387	0.2							
10	993	5044	16	504	0.79	5075	1.9	123	5115	1.5	169	5143	1.2	216	5187	0.5	384	0.2							
11	991	5029	13	505	0.79	5080	2.0	123	5109	1.5	169	5142	1.2	216	5219	0.6	380	0.3							
12	988	5034	16	508	0.75	5059	1.4	119	5100	1.2	165	5130	1.0	216	5196	0.4	380	0.2							
13	989	5023	22	508	0.75	5080	1.9	110	5104	1.5	166	5128	1.6	217	5156	1.1	380	0.6							
14	988	005	15	508	0.75	5056	1.2	110	5101	1.0	166	5117	1.0	217	5140	0.9	383	0.7							
15	981	5024	13	514	0.69	5076	1.1	113	5112	0.7	159	5128	1.2	216	5140	0.9	375	0.1							
16	973	010	15	521	0.63	502	1.3	109	5055	1.5	156	5105	1.5	215	5136	1.4	373	0.9							
18	983	5002	15	514	0.70	5051	2.2	110	5045	1.8	161	5133	1.5	215	5111	1.0	376	0.4							
19	983	5064	11	505	0.77	5098	0.9	121	5115	1.0	157	5122	1.0	215	5177	0.7	382	0.7							
20	983	5044	12	503	0.70	5099	1.3	114	5120	1.5	160	5148	1.3	215	5175	0.6	375	0.2							
21	983	5069	11	514	0.76	5104	1.0	120	5130	1.1	156	5152	1.0	215	5189	0.9	380	0.4							
22	979	5033	20	516	0.67	5084	1.7	112	5107	1.9	159	5125	1.2	215	5202	0.4	372	0.3							
23	977	5070	10	517	0.55	5075	1.0	110	5109	1.1	155	5114	1.1	215	5175	0.7	371	0.4							
24	972	5064	12	522	0.64	5105	0.9	110	5130	1.1	154	5156	1.0	215	5176	0.5	368	0.4							
24	981	5057	14	513	0.69	5105	1.4	110	5137	1.2	154	5156	0.9	215	5227	0.6	365	0.3							
25	985	5057	19	511	0.72	5100	1.7	115	5130	1.4	152	5169	1.1	215	5219	0.8	374	0.5							
26	962	005	25	530	0.54	5041	2.2	099	5070	2.1	145	5076	2.3	215	5243	1.9	365	0.5							
27	982	5046	20	513	0.69	5087	1.7	113	5126	1.4	159	5159	1.2	215	5176	1.2	374	0.7							
28	979	5018	27	517	0.68	5062	2.1	113	5081	2.1	159	5090	2.1	215	5150	2.4	377	0.5							
DAY	500 MILLIBARS				400 MILLIBARS		300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS			
	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$	gpDm	gpDm	$^{\circ}\text{C} \times 10^{-1}$	gpDm	gpDm	$^{\circ}\text{C} \times 10^{-1}$	gpDm	$^{\circ}\text{C} \times 10^{-1}$	gpDm	$^{\circ}\text{C} \times 10^{-1}$	gpDm	$^{\circ}\text{C} \times 10^{-1}$	gpDm	$^{\circ}\text{C} \times 10^{-1}$	gpDm		
01	505	505	0.3	656	471		843	533	109	454	501	445	573	429	724	434	919	405							
03	504	340	0.3	658	439		845	574	110	452	503	444	573	433	723	410									
03	501	374	0.2	652	477		858	525	106	448	209	448	571	458	719	439	910	433							
04	499	386	0.1	650	461		840	471	108	432	303	344	575	449	724	436									
05	506	340		658	439		849	482	119	427	516	454	586	462	734	450	926	440							
06	511	344	0.2	664	434		854	445	124	467	316	458	585	472	733	463	925	459							
08	523	259	0.7	681	359	0.3	875	522	129	534															
09	523	246	0.4	682	369	0.3	876	494	131	504	517	510	583	470	732	452	923	464							
10	523	271	0.2	690	371	0.2	874	514	131	527	319	492	581	456	729	454	922	459							
10	518	273		674	404		864	543	123	497	312	482	581	456	727	455	918	448							
11	509	363	0.2	660	466		850	486	117	471	308	471	579	451	726	455	918	448							
12	510	328		664	421		853	554	119	476	309	476	579	447	727	461									
13	510	341	0.3	664	424		855	556	114	493	303	477	573	453	721	455	913	444							
14	515	307	0.2	670	421		856	575	116	493	305	477	575	447	723	466	915	446							
16	507	311	0.2	661	415		853	531	121	433	314	454	585	456	731	442	927	447							
16	505	309	0.4	662	384		853	556	112	492	302	468	572	441											
18	506	337	0.2	660	428		849	533	116	451	307	436	578	452	729	421	923	412							
18	514	307	0.3	668	424		857	568	118	499	308	436	578	452	729	421	922	432							
19	506	320		660	430		849	549	112	479	303	433	575	448	726	439	918	432							
20	510	338		663	443		851	540	117	479	306	432	576	450	723	447									
22	500	382		662	420		843	539	109	465	302	451	574	445	569	457									
22	502	530		655	430		844	542	111	450	302	451	574	445	569	457									
24	498	344		651	445		839	545	107	445	304	466	573	454	721	434	912	434							
24	495	355	0.1	647	472		834	529	101	459	202	479	565	441	712	436	905	451							
25	503	339	0.1	658	430		848	474	119	447	100	454	581	458	729	454	922	446							
26	500	265	0.6	657	375		851	453	122	430	106	437	589	429	739	423	933	455							
27	505	311	0.5	660	415	0.2	850	513	111	430	304	467	580	477	730										

**Results of Radiosonde Observations,
DAVIS MARCH, 1962**

DAY	SURFACE			1000 MB.			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS						
	#	PRESSURE mb	$^{\circ}\text{C} \times 10^{-1}$	TEMPER- ATURE dg/kg	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO																
01	950	5007	24	54.0	0.44	50.39	2.5	0.89	50.69	2.3	1.36	50.99	2.0	2.38	51.70	1.3	55.3	2.22	0.4	56.4	2.86	0.4			
02	970	5042	29	52.4	0.60	50.56	2.5	1.05	51.00	1.7	1.51	51.33	1.4	2.52	52.05	0.8	57.4	2.70	0.5	52.10	0.8	0.5			
04	984	5024	25	51.2	0.71	50.75	2.1	1.16	51.07	1.8	1.52	51.44	1.4	2.52	52.05	0.8	58.1	2.77	0.5	52.05	0.8	0.5			
04	992	5050	18	50.5	0.77	50.66	1.5	1.22	51.00	1.7	1.53	51.44	1.5	2.55	52.05	0.9	57.7	2.93	0.4	52.05	0.9	0.4			
05	989	5075	17	50.8	0.74	51.00	1.6	1.18	51.00	1.5	1.55	51.51	1.1	2.55	52.05	0.9	57.7	2.93	0.4	52.05	0.9	0.4			
07	994	5091	7.9	50.3	0.75	50.89	1.2	1.20	51.25	1.4	1.53	51.45	1.2	2.58	52.05	0.5	58.0	2.99	0.4	52.05	0.5	0.4			
07	985	5091	3.3	51.0	0.76	51.35	0.0	1.15	51.70	1.0	1.55	51.52	0.8	2.59	52.04	0.4	57.1	2.95	0.4	52.04	0.4	0.4			
08	977	5088	1.0	51.5	0.65	51.26	1.0	1.09	51.58	0.9	1.55	51.95	0.8	2.52	53.35	0.4	56.5	2.85	0.2	53.35	0.4	0.2			
13	984	5057	2.0	51.2	0.71	50.93	1.7	1.15	51.25	1.4	1.51	51.50	1.1	2.60	52.27	0.8	57.2	2.99	0.4	52.27	0.8	0.4			
13	982	5076	2.0	51.3	0.69	51.16	1.6	1.12	51.35	1.5	1.58	51.55	1.4	2.57	52.25	0.7	56.9	2.69	0.4	52.25	0.7	0.4			
11	978	5090	1.6	50.9	0.65	51.50	1.1	1.08	51.91	0.9	1.53	52.01	0.7	2.51	52.24	0.6	56.5	2.74	0.5	52.24	0.6	0.5			
13	987	5105	1.5	51.0	0.67	51.23	1.2	1.16	51.59	1.3	1.52	51.49	1.0	2.62	52.31	0.5	57.2	3.56	0.3	52.31	0.5	0.3			
13	983	5105	0.8	51.3	0.67	51.05	1.0	1.10	51.09	0.7	1.57	51.44	0.6	2.57	52.37	0.4	56.8	2.87	0.3	52.37	0.4	0.3			
14	979	5092	1.7	51.5	0.67	51.41	1.3	1.10	51.75	1.0	1.55	52.00	0.8	2.53	52.56	0.5	56.5	31.2	0.3	52.56	0.5	0.3			
13	995	5059	1.3	50.3	0.70	51.29	1.0	1.21	51.64	1.0	1.57	51.81	0.2	2.66	52.62	0.3	57.7	2.66	0.3	52.62	0.3	0.3			
16	984	5076	1.5	51.0	0.70	51.25	0.7	1.13	51.55	0.7	1.59	51.72	0.8	2.58	52.27	0.7	57.1	2.79	0.5	52.27	0.7	0.5			
17	972	5114	0.9	52.1	0.60	51.29	0.9	1.03	51.68	0.9	1.49	51.74	0.8	2.48	51.95	0.6	56.2	25.8	0.3	52.21	0.7	0.3			
13	986	5074	1.3	50.7	0.75	51.29	1.0	1.18	51.49	1.1	1.64	51.81	0.9	2.62	52.21	0.7	57.5	2.68	0.4	52.21	0.7	0.4			
19	987	5059	2.5	50.9	0.73	50.96	1.9	1.17	51.31	1.5	1.63	51.65	1.1	2.62	52.34	0.4	57.3	3.20	0.2	52.34	0.4	0.2			
20	980	5052	2.0	51.3	0.67	51.10	1.5	1.11	51.30	1.5	1.57	51.58	1.2	2.57	52.32	0.7	56.8	31.5	0.3	52.32	0.7	0.3			
23	984	5064	1.9	51.2	0.70	51.10	1.3	1.14	51.45	1.1	1.50	51.80	0.9	2.58	52.65	0.5	56.8	31.8	0.3	52.65	0.5	0.3			
23	985	5071	1.5	51.3	0.69	50.98	1.5	1.13	51.10	1.6	1.59	51.39	1.4	2.59	52.15	0.9	57.1	3.09	0.4	52.15	0.9	0.4			
23	988	5100	1.0	50.8	0.73	51.55	0.7	1.15	51.70	0.8	1.51	51.63	1.0	2.60	52.25	0.8	57.1	3.10	0.4	52.25	0.8	0.4			
24	985	5163	0.5	51.1	0.69	51.97	0.5	1.11	52.19	0.5	1.59	52.35	0.4	2.53	52.53	0.3	56.3	34.0	0.2	52.53	0.3	0.2			
25	988	5155	0.7	50.8	0.73	51.36	1.0	1.16	51.73	0.8	1.51	52.00	0.7	2.50	52.39	0.4	57.0	3.35	0.2	52.39	0.4	0.2			
26	980	5144	0.7	51.4	0.66	51.67	0.7	1.08	51.83	0.5	1.54	51.64	0.5	2.53	52.45	0.3	56.5	34.1	0.1	52.45	0.3	0.1			
27	986	5110	1.0	51.0	0.70	51.62	0.9	1.14	51.89	0.5	1.59	52.20	0.7	2.56	52.48	0.5	56.7	30.9	0.2	52.48	0.5	0.2			
28	986	5110	1.2	51.0	0.70	51.00	1.0	1.14	51.20	1.7	1.51	51.42	1.5	2.61	52.05	0.9	57.3	2.85	0.4	52.05	0.9	0.4			
29	987	5108	1.4	50.9	0.72	51.43	1.2	1.15	51.40	1.3	1.51	51.65	1.0	2.60	52.26	0.7	57.2	31.4	0.4	52.26	0.7	0.4			
30	992	5154	0.7	50.5	0.75	51.64	0.7	1.19	51.85	2.0	1.45	52.10	0.8	2.62	52.36	0.3	57.1	32.0	0.1	52.36	0.3	0.1			
31	989	5202	0.5	50.7	0.71	52.30	0.2	1.09	52.54	1.5	1.53	52.72	0.1	2.51	52.49	0.2	56.2	30.5	0.1	52.49	0.2	0.1			
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS			
	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg				
01	4.95	3.00	0.4	6.39	4.34	8.30	4.43	1.03	4.12	2.99	4.23	5.71	4.31	7.19	4.32	9.08	4.50	7.19	4.32	9.08	4.50	7.19	4.32	9.08	4.50
02	4.93	3.45	0.2	6.45	4.34	8.35	5.04	1.05	4.19	2.99	4.52	5.69	4.62	7.18	4.50	9.10	4.58	7.18	4.50	9.10	4.58	7.18	4.50	9.10	4.58
04	5.03	3.66	0.2	6.55	4.57	8.42	5.46	1.07	4.54	2.99	4.52	5.75	4.47	7.23	4.69	9.15	4.65	7.23	4.69	9.15	4.65	7.23	4.69	9.15	4.65
05	5.05	3.64	0.2	6.62	4.60	8.48	5.46	1.12	4.59	2.95	4.46	5.75	4.50	7.26	4.49	9.18	4.57	7.26	4.49	9.18	4.57	7.26	4.49	9.18	4.57
07	5.08	3.61	0.3	6.61	4.15	8.50	5.49	1.12	4.59	2.95	4.47	5.75	4.50	7.27	4.50	9.20	4.57	7.27	4.50	9.20	4.57	7.27	4.50	9.20	4.57
07	5.00	3.73	0.2	6.51	4.47	8.39	5.39	1.05	4.54	2.95	4.52	5.73	4.57	7.22	4.61	9.13	4.77	7.22	4.61	9.13	4.77	7.22	4.61	9.13	4.77
08	4.94	3.21	0.2	6.48	4.39	8.37	5.37	1.04	4.62	2.95	4.59	5.71	4.55	7.22	4.59	9.12	4.32	7.22	4.59	9.12	4.32	7.22	4.59	9.12	4.32
10	5.00	3.78	0.2	6.50	4.77	8.37	5.37	1.04	4.62	2.95	4.59	5.70	4.55	7.20	4.61	9.06	4.51	7.20	4.61	9.06	4.51	7.20	4.61	9.06	4.51
11	4.92	3.66	0.1	6.44	4.52	8.31	5.48	1.03	4.68	2.98	4.74	5.69	4.64	7.07	4.52	9.00	4.51	7.07	4.52	9.00	4.51	7.07	4.52	9.00	4.51
12	5.00	3.74	0.1	6.51	4.65	8.39	5.01	1.07	4.63	2.98	4.74	5.67	4.59	7.05	4.61	9.06	4.77	7.05	4.61	9.06	4.77	7.05	4.61	9.06	4.77
13	4.97	3.29	0.1	6.45	4.40	8.35	5.35	1.00	4.63	2.98	4.74	5.66	4.61	7.05	4.61	9.06	4.77	7.05	4.61	9.06	4.77	7.05	4.61	9.06	4.77
14	4.90	3.46	0.2	6.42	4.20	8																			

Results of Radiosonde Observations,
DAVIS APRIL, 1962

DAY	SURFACE			1000 MB.		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS				
	PRESSURE	TEMPER- ATURE	MIXING RATIO	gpDm	gpDm	°C × 10 ⁻¹	gpDm	gpDm	°C × 10 ⁻¹	gpDm	°C × 10 ⁻¹	gpDm	°C × 10 ⁻¹	gpDm	°C × 10 ⁻¹	gpDm	°C × 10 ⁻¹	gpDm	°C × 10 ⁻¹	gpDm	°C × 10 ⁻¹	
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	gpDm	°C × 10 ⁻¹	dg/kg	
01	989	5185	0.5	507	0.71	5212	0.5	513	5251	0.5	518	5212	0.6	524	524	0.3	567	289	0.7	568	293	0.4
02	985	5081	1.3	521	0.69	5154	1.0	513	5168	1.0	513	5154	0.9	517	517	1.1	535	246	0.7	536	246	0.4
03	972	5074	1.8	521	0.61	5116	1.3	504	5132	1.3	508	5134	1.2	517	517	1.0	570	273	0.7	570	273	0.4
04	976	5065	1.7	518	0.64	5104	1.4	508	5119	1.5	508	5155	1.4	518	518	1.0	568	273	0.7	568	273	0.4
05	975	5052	1.2	518	0.64	5063	1.4	509	5085	1.5	516	5118	1.4	519	519	1.0	570	273	0.7	570	273	0.4
06	980	5056	1.3	515	0.68	5099	1.5	512	5131	1.5	518	5144	1.3	520	520	0.8	570	287	0.4	570	287	0.4
07	980	5005	2.2	515	0.69	5011	2.6	515	5029	2.6	516	5034	2.8	509	509	1.4	581	188	0.7	581	188	0.5
08	975	5089	1.0	518	0.63	5119	0.7	507	5140	0.7	513	5161	0.8	518	518	0.5	567	265	0.7	567	265	0.5
09	980	5032	1.7	515	0.69	5082	1.5	520	5122	1.5	518	5144	1.2	521	521	0.7	570	298	0.4	570	298	0.4
10	976	5035	1.6	517	0.66	5092	1.3	510	5121	1.2	516	5156	1.0	522	522	0.7	567	297	0.5	567	297	0.5
11	984	5135	0.8	511	0.68	5175	0.8	511	5173	1.0	517	5191	0.9	524	524	0.6	566	293	0.4	566	293	0.4
12	996	5180	0.5	502	0.77	5203	0.7	519	5217	1.0	513	5223	0.6	525	525	0.3	571	299	0.7	571	299	0.7
13	000	5199	0.6	501	0.77	5261	0.4	520	5254	0.6	522	5226	0.6	524	524	0.2	574	310	0.4	574	310	0.4
14	995	5184	0.5	503	0.76	5167	0.4	510	5147	0.5	515	5157	0.5	520	520	0.4	575	265	0.2	575	265	0.2
15	984	5164	0.5	511	0.68	5179	0.4	511	5171	0.5	517	5177	0.4	521	521	0.4	566	269	0.5	566	269	0.5
16	978	5158	0.8	516	0.63	5147	0.9	526	5181	0.8	524	5204	0.6	520	520	0.4	552	295	0.4	552	295	0.4
17	985	5165	0.7	510	0.70	5114	0.6	514	5115	0.5	515	5135	0.4	520	520	0.6	571	280	0.4	571	280	0.4
18	979	5089	1.0	515	0.66	5135	0.5	509	5123	1.4	515	5144	1.3	521	521	0.8	564	283	0.5	564	283	0.5
19	983	5144	0.9	512	0.68	5177	0.8	510	5205	0.7	515	5217	0.5	526	526	0.2	567	354	0.1	567	354	0.1
20	989	5175	0.5	507	0.72	5202	0.4	514	5224	0.4	518	5216	0.4	520	520	0.2	567	311	0.5	567	311	0.5
21	979	5200	0.3	510	0.68	5241	0.2	509	5255	0.2	514	5204	0.2	523	523	0.2	564	306	0.2	564	306	0.2
22	976	5210	0.4	517	0.61	5237	0.2	502	5274	0.2	516	5279	0.2	523	523	0.2	555	292	0.2	555	292	0.2
23	981	5192	0.5	504	0.65	5248	0.4	506	5245	0.4	515	5235	0.4	526	526	0.4	584	308	0.2	584	308	0.2
24	992	5186	0.5	514	0.74	5205	0.6	516	5234	0.5	516	5231	0.5	525	525	0.4	566	309	0.4	566	309	0.4
25	992	5197	0.5	506	0.73	5165	0.5	516	5175	0.5	515	5163	0.5	521	521	0.5	575	265	0.5	575	265	0.5
26	986	5173	0.5	509	0.70	5200	0.3	512	5210	0.2	517	5177	0.2	525	521	0.3	563	290	0.3	563	290	0.3
27	989	5159	0.5	511	0.68	5180	0.4	511	5201	0.2	516	5183	0.2	522	522	0.3	566	315	0.4	566	315	0.4
28	976	5095	1.5	517	0.64	5116	1.5	508	5140	1.2	513	5174	1.0	525	519	0.9	565	261	0.6	565	261	0.6
29	977	5129	0.7	517	0.63	5162	0.6	506	5203	0.6	515	5227	0.6	524	524	0.7	560	291	0.4	560	291	0.4
30	980	5169	0.5	514	0.64	5214	0.2	507	5215	0.3	515	5230	0.5	524	524	0.5	558	299	0.4	558	299	0.4

Results of Radiosonde Observations,
DAVIS MAY, 1962

DAY	SURFACE			1000 MB.		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS												
	PRESSURE	TEMPERATURE	MIXING RATIO	gpDm	gpDm	TEMPERATURE	MIXING RATIO	gpDm	gpDm	TEMPERATURE	MIXING RATIO	gpDm	gpDm	TEMPERATURE	MIXING RATIO	gpDm	gpDm	TEMPERATURE	MIXING RATIO	gpDm	gpDm	TEMPERATURE	MIXING RATIO							
	mb	°C x 10^-1	dg/kg	gpDm	°C x 10^-1	dg/kg	gpDm	°C x 10^-1	dg/kg	gpDm	°C x 10^-1	dg/kg	gpDm	°C x 10^-1	dg/kg	gpDm	°C x 10^-1	dg/kg	gpDm	°C x 10^-1	dg/kg	gpDm	°C x 10^-1	dg/kg						
01	990	5196	0.6	506	0.71	5242	0.4	115	5271	1.56	5268	0.3	253	5284	0.2	362	542	0.2	362	542	0.2	362	542	0.2						
02	999	5238	0.5	001	0.77	5240	1.1	119	5246	1.53	5245	0.2	251	5245	0.2	369	572	0.2	305	505	0.2	381	295	0.2						
03	002	5260	0.2	003	0.81	5210	1.24	124	5174	1.59	5176	0.2	259	5269	0.2	369	572	0.2	372	513	0.2	372	513	0.2						
04	991	5170	0.4	506	0.75	5202	1.15	5216	1.51	5198	0.2	257	5237	0.2	369	587	0.2	287	070	0.2	369	587	0.2							
05	990	5206	0.4	506	0.72	5211	0.2	114	5240	0.2	159	5209	0.3	257	5237	0.2	369	587	0.2	286	044	0.2	286	044	0.2					
06	993	5170	0.4	504	0.75	5208	0.3	117	5235	0.4	162	5203	0.3	260	5260	0.2	369	587	0.2	372	513	0.2	372	513	0.2					
07	986	5109	1.4	509	0.70	5169	0.8	113	5199	0.7	158	5231	0.6	256	5224	0.7	368	290	0.5	367	316	0.5	367	316	0.5					
08	986	5123	0.8	509	0.70	5180	0.6	113	5195	0.6	158	5221	0.6	254	5222	0.6	367	287	0.5	367	287	0.5	367	287	0.5					
09	985	5114	1.0	510	0.70	5170	0.7	113	5190	0.8	157	5224	0.7	254	5224	0.7	364	333	0.5	363	320	0.5	363	320	0.5					
10	980	5143	0.6	514	0.65	5195	0.4	108	5215	0.5	152	5218	0.6	251	5218	0.6	363	320	0.5	363	320	0.5	363	320	0.5					
11	999	5180	0.5	001	0.79	5196	0.6	122	5193	0.6	157	5193	0.7	245	5239	0.6	376	299	0.4	376	299	0.4	376	299	0.4					
12	993	5219	0.4	504	0.74	5204	0.5	116	5208	0.5	153	5183	0.8	246	5261	0.4	375	287	0.4	366	265	0.4	358	286	0.4					
13	988	5194	0.4	508	0.71	5237	0.2	111	5258	0.2	156	5232	0.2	245	5265	0.2	358	287	0.4	358	287	0.4	358	287	0.4					
14	982	5236	0.3	513	0.65	5252	0.3	106	5290	0.3	149	5300	0.3	246	5246	0.2	358	286	0.4	354	551	0.4	354	551	0.4					
15	982	5211	0.4	512	0.65	5240	0.5	106	5290	0.3	149	5325	0.3	246	5264	0.5	365	323	0.5	365	323	0.5	365	323	0.5					
16	980	5246	0.4	513	0.64	5231	0.3	105	5242	0.5	150	5291	0.3	245	5263	0.5	368	285	0.4	368	285	0.4	368	285	0.4					
17	986	5267	0.2	509	0.68	5253	0.2	109	5269	0.2	153	5271	0.2	250	5240	0.2	367	335	0.5	367	335	0.5	367	335	0.5					
18	983	5263	0.2	514	0.66	5275	0.2	107	5287	0.2	150	5269	0.2	247	5241	0.2	364	303	0.4	364	303	0.4	364	303	0.4					
19	977	5118	1.2	517	0.63	5176	0.7	105	5214	0.6	150	5250	0.6	247	5241	0.6	364	303	0.4	364	303	0.4	364	303	0.4					
20	976	5098	1.0	517	0.63	5145	0.8	106	5174	0.7	152	5210	0.7	250	5250	0.6	361	303	0.4	361	303	0.4	361	303	0.4					
21	979	5115	0.7	515	0.65	5151	0.7	108	5282	0.7	153	5215	0.7	251	5232	0.7	362	305	0.4	362	305	0.4	362	305	0.4					
22	989	5145	0.7	507	0.72	5208	0.5	114	5233	0.5	159	5225	0.6	246	5264	0.5	366	323	0.5	366	323	0.5	366	323	0.5					
23	994	5200	0.6	503	0.75	5208	0.6	117	5229	0.5	162	5232	0.5	246	5264	0.5	366	323	0.5	366	323	0.5	366	323	0.5					
24	998	5185	0.5	500	0.70	5192	0.4	121	5184	0.5	166	5208	0.5	245	5244	0.5	375	335	0.5	375	335	0.5	375	335	0.5					
25	002	5120	0.7	003	0.83	5127	0.5	127	5155	1.3	173	5166	0.5	245	5230	0.5	383	320	0.5	383	320	0.5	383	320	0.5					
26	993	5082	0.9	504	0.77	5150	0.8	120	5179	0.8	165	5244	0.7	244	5244	0.7	376	309	0.5	376	309	0.5	376	309	0.5					
27	993	5188	0.3	504	0.75	5182	1.1	117	5185	1.1	166	5209	1.2	240	5281	1.2	369	351	0.4	369	351	0.4	369	351	0.4					
28	001	5225	0.2	002	0.79	5251	0.2	121	5212	0.2	156	5192	1.1	244	5260	1.1	374	333	0.2	374	333	0.2	374	333	0.2					
29	982	5062	1.3	513	0.69	5099	1.2	113	5131	1.1	159	5163	1.0	244	5240	0.6	369	295	0.4	369	295	0.4	369	295	0.4					
30	963	5060	1.7	528	0.54	5084	1.6	098	5119	1.5	145	5133	1.7	249	5201	0.9	357	295	0.5	357	295	0.5	357	295	0.5					
31	000	5097	1.1	000	0.82	5147	1.1	125	5185	1.0	170	5219	0.7	244	5244	0.5	379	323	0.5	379	323	0.5	379	323	0.5					
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS								
	GEPOT-ENTHALPY	TEMPERATURE	MIXING RATIO	gpDm	°C x 10^-1	dg/kg	GEPOT-ENTHALPY	TEMPERATURE	MIXING RATIO	gpDm	°C x 10^-1	dg/kg	GEPOT-ENTHALPY	TEMPERATURE	MIXING RATIO	gpDm	°C x 10^-1	dg/kg	gpDm	°C x 10^-1	dg/kg	gpDm	°C x 10^-1	dg/kg	gpDm	°C x 10^-1				
	gpDm	°C x 10^-1	dg/kg	gpDm	°C x 10^-1	dg/kg	gpDm	°C x 10^-1	dg/kg	gpDm	°C x 10^-1	dg/kg	gpDm	°C x 10^-1	dg/kg	gpDm	°C x 10^-1	dg/kg	gpDm	°C x 10^-1	dg/kg	gpDm	°C x 10^-1	dg/kg	gpDm	°C x 10^-1				
01	480	425	0.1	636	514	0.8	821	531	0.84	503	5270	5.1	531	560	6.72	589	851	599	589	851	599	589	851	599	589	851	599	589		
02	499	598	0.1	648	500	1.0	832	575	0.92	515	5278	5.3	530	582	6.82	598	598	602	598	602	598	598	602	598	598	602	598	598		
03	509	380	0.1	659	483	0.5	844	572	1.00	538	5284	5.5	536	573	6.82	598	598	604	598	604	598	598	604	598	598	604	598	598		
04	502	553	0.2	653	476	0.7	839	578	0.96	566	5279	5.58	536	580	6.80	598	598	606	598	606	598	598	606	598	598	606	598	598		
05	497	369	0.2	648	470	0.8	835	565	0.88	575	5270	5.74	525	596	6.64	605	843	631	605	843	631	605	843	631	605	843	631	605	843	
06	500	382	0.2	650	500	0.9	833	626	0.83	579	5264	5.93	516	620	6.64	630	831	649	630	831	649	630	831	649	630	831	649	630	831	
07	497	384	0.2	647	488	0.9	832	605	0.84	595	5264	6.02	514	614	6.63	631	661	649	631	661	649	631	661	649	631	661	649	631	661	
08	494	420	0.2	644	443	0.9	832	614	0.85	581	5266	6.09	508	615	6.49	648	666	682	648	666	682	648	666	682	648	666	682	648	666	682
09	488	366	0.4	642	411	0.9	829	591	0.80	595	5260	6.03	511	624	6.24	624	628	628	624	628	624	628	624	628	624	628	624	628	624	628
10	487	377	0.2	655	445	0.9	841	609	0.92	562	5274	5.80	527	612	6.63	621	625	625	621	625	625	621	625	625	621	625	625	621	625	625
11	505	354	0.4	651	461	0.9	836	600	0.91	560	5273	5.62	529	607	6.67	625	645	645	625	645	645	625	645	645	625	645	645	625	645	645
12	502	337	0.2	655	445	0.9	822	586	0.74	590	5254	6.05	606	621	6.67	649	649	649	649	649	649	649	649	649	649	649	649	649	649	649
13	498	334	0.2	651	461	0.9	822	617	0.60	584	5240	6.17	574	645	6.45	635	670	670	635	670	670	635	670	670	635	670	670	635	670	670
14	486	365	0.2	657	481	0.9	822	617	0.60	584	5240	6.17	574	645	6.45	635	670	670	635	670	670	635	670							

Results of Radiosonde Observations,
DAVIS JUNE, 1962

DAY	SURFACE				1000 MB.		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS							
	PRESSURE		TEMPERATURE		MIXING RATIO																					
	mb	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg																
01	003	5059	11	003	085	5115	10	134	5154	11	175	5164	10	274	5224	07	586	295	04							
02	004	5127	06	004	085	5135	05	128	5150	04	174	5150	05	274	5190	05	388	249	04							
03	006	5124	05	006	084	5141	05	127	5163	05	175	5126	07	274	5167	06	389	256	06							
04	011	5151	010	009	5139	04	134	5170	02	179	5123	01	274	5170	07	395	225									
05	011	5136	06	010	089	5195	04	131	5226	02	176	5180	02	277	5171	09	390	270								
06	014	5180	06	012	089	5242	02	131	5127	02	175	5249	02	273	5237	02	384	285	02							
07	014	5121	07	012	093	5164	04	134	5142	07	179	5140	08	280	5190	09	393	271	05							
08	014	5064	09	012	094	5089	06	138	5127	04	184	5110	06	286	5161	01	208	04								
09	015	5084	05	013	095	5084	07	139	5112	04	184	5118	02	282	5175	03	398	140	06							
10	012	5121	06	010	090	5162	06	133	5194	05	178	5176	07	279	5140	00	395	198								
11	016	5140	06	013	094	5145	07	137	5128	09	184	5126	07	285	5184	05	398	271	03							
12	015	5132	04	013	095	5069	05	139	5087	05	186	5069	08	289	5106	06	406	181	06							
13	098	5129	08	000	081	5096	07	125	5081	09	172	5094	07	274	5163	03	390	217	08							
14	083	5144	10	512	067	5184	08	110	5189	08	155	5203	08	255	5182	11	369	218	09							
15	072	5148	09	520	059	5192	07	102	5220	06	146	5244	05	243	5265	05	353	343	02							
16	089	5190	06	507	071	5223	05	113	5259	04	156	5297	03	253	5256	02	364	296	02							
17	088	5254	03	508	070	5191	03	113	5169	03	159	5154	07	259	5194	03	373	226								
18	083	5186	06	512	066	5233	05	108	5250	04	152	5250	05	250	5245	06	361	293	05							
19	078	5169	07	516	063	5219	05	105	5251	05	149	5249	05	245	5294	03	354	351	02							
20	084	5169	05	517	067	5236	03	109	5270	03	152	5298	03	248	5289	04	357	364	02							
21	089	5216	04	507	071	5250	03	112	5257	02	155	5308	02	250	5322	02	357	375	02							
22	091	5173	06	505	074	5171	06	116	5185	06	162	5203	07	260	5240	04	371	327	02							
23	092	5123	07	505	075	5140	06	119	5168	04	164	5200	04	251	5255	03	372	317	02							
24	091	5068	11	506	077	5068	08	121	5114	07	167	5142	08	268	5156	10	390	224	04							
25	096	5110	05	502	079	5147	04	122	5179	04	167	5206	03	267	5177	04	380	256								
26	003	5176	03	003	082	5195	03	124	5228	02	169	5166	02	270	5184	03	383	277								
27	097	5159	04	500	078	5206	02	120	5232	02	165	5201	02	263	5227	03	375	209								
28	093	5172	03	504	074	5345	02	116	5243	02	160	5279	02	256	5266	03	366	334								
29	076	5223	03	517	061	5219	02	103	5235	02	147	5191	03	246	5241	02	357	293								
30	096	5208	05	503	075	5226	04	117	5234	04	161	5237	02	259	5226	02	371	302	03							
DAY	500 MILLIBARS				400 MILLIBARS		300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS				
	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO		GEOPOTENTIAL	TEMPERATURE	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO														
	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$			
01	515	347	03	667	467	01	852	623	096	675	270	680	518	706	651	705										
02	519	325	03	672	439	01	859	590	105	692	277	691	518	703	650	722										
03	519	321	04	673	432	01	860	595	105	720	276	687	518	703	650											
04	526	315		680	435		868	578																		
05	521	322		674	446		860	596	109	667	284	643	531	667	665	678	838	693								
06	513	351		665	446		853	573	103	625	282	619	531	646	667	663										
07	522	326	04	678	415	02	868	542	117	695	293	638														
08	535	234	07	695	360	02	888	533	135	724																
09	534	258	04	692	381	01	883	546	131	721	301	664	550	629	685	650	858									
10	528	294		683	431		870	581	122	617	301	581	555	616	692	638	868	664								
11	528	320	02	681	433	01	869	579	123	603	304	595	557	620	693	652	867	680								
12	541	258	03	698	386		889	541	139	722	308	667														
13	522	255	07	680	376	02	872	548	121	676	294	674	538	723	669	740										
14	501	312	04	655	443		844	548	097	645	272	667	515	705												
15	479	413		627	507		811	608	066	656	240	653	486	680	619	720										
16	492	367	02	643	492		853	612	092	652	257	775														
17	505	290		661	420		850	561	096	735	265	702	504	754												
18	491	336	04	644	453		829	609	076	670	249	670	492	700												
19	479	445		626	523		808	604	056	666	229	688	470	722												
20	482	442		628	533		809	627	054	688	226	700														
21	471	446		628	525																					

Results of Radiosonde Observations,
DAVIS JULY 1962

DAY	SURFACE			1000 MB.		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS						
	mg	PRESSURE $^{\circ}\text{C} \times 10^{-1}$	TEMPER- ATURE dg/kg	MIXING RATIO gpDm	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg																	
0 0 0 0 5	5146	0.9	004	083	5177	0.8	126	5199	0.7	170	5206	0.8	269	5233	0.7	381	286	0.5						
0 0 9 8 6	5140	1.0	009	071	5154	1.0	113	5193	0.7	159	5174	1.0	258	5220	0.8	370	286	0.5						
0 1 9 8 0	5104	1.2	514	069	5140	1.0	110	5164	1.0	156	5161	1.1	255	5222	0.8	366	318	0.3						
0 4 9 7 9	5080	0.6	516	066	5128	0.6	109	5159	1.0	154	5178	1.0	254	5206	0.9	366	298	0.4						
0 6 9 8 0	5104	0.9	514	066	5172	0.7	109	5199	0.5	155	5225	0.6	251	5250	0.6	362	314	0.4						
0 6 9 8 7	5144	0.5	509	070	5192	0.5	113	5212	0.6	157	5253	0.5	255	5261	0.5	365	323	0.3						
0 7 9 8 1	5221	0.3	513	065	5227	0.4	107	5224	0.5	152	5200	0.7	250	5265	0.4	359	357	0.2						
0 8 9 7 5	5206	0.3	517	060	5215	0.3	102	5245	0.3	146	5249	0.3	243	5284	0.4	351	365	0.2						
0 9 8 6	5203	0.5	509	069	5228	0.5	110	5252	0.4	155	5275	0.4	250	5290	0.4	359	355	0.2						
1 0 9 8 3	5200	0.6	512	066	5216	0.6	108	5245	0.5	152	5279	0.4	248	5282	0.4	357	352	0.2						
1 1 9 7 5	5154	0.8	518	061	5187	0.8	104	5206	0.6	148	5205	0.6	246	5270	0.2	356	334	0.3						
1 2 9 6 5	5101	0.7	526	055	5140	0.7	098	5173	0.6	143	5211	0.7	238	5246	0.6	349	315	0.3						
1 3 9 7 4	5146	0.6	519	061	5175	0.5	103	5215	0.5	148	5238	0.5	245	5248	0.6	356	301	0.3						
1 4 9 8 2	5164	0.6	513	067	5200	0.5	109	5227	0.4	154	5216	0.7	252	5255	0.5	362	351	0.2						
1 5 9 7 9	5213	0.5	514	064	5167	0.7	107	5171	0.8	152	5176	0.8	251	5250	0.5	361	330	0.3						
1 6 9 8 1	5178	0.6	513	065	5180	0.7	108	5196	0.8	153	5211	0.7	251	5259	0.3	361	330	0.1						
1 7 9 7 2	5126	0.8	520	060	5140	0.6	102	5179	0.7	146	5213	0.6	244	5265	0.4	354	319	0.2						
1 8 9 6 5	5109	0.9	526	055	5151	0.7	096	5191	0.6	142	5215	0.5	239	5285	0.2	348	332	0.3						
1 9 9 8 1	5122	0.5	514	066	5174	0.7	109	5192	0.7	154	5229	0.6	251	5261	0.5	361	346	0.2						
2 0 9 9 3	5195	0.3	504	074	5240	0.2	115	5258	0.3	159	5270	0.3	255	5276	0.4	365	341	0.2						
2 1 9 9 1	5266	0.2	506	070	5224	0.2	112	5211	1.57	5206	2.55	5246	0.5	366	315									
2 2 9 8 2	5276	0.2	512	065	5220	0.2	106	5220	1.51	5228	2.48	5245	0.5	360	305									
2 3 9 8 2	5309	0.1	512	063	5339	0.1	102	5358	0.1	145	5365	0.1	239	5315	0.2	347	335							
2 4 9 8 2	5310	0.1	513	061	5330	0.1	102	5345	0.1	144	5348	0.2	238	5328	0.3	346	468							
2 5 9 7 9	5209	0.4	515	053	5266	0.4	104	5222	0.3	147	5310	0.3	242	5305	0.3	350	370	0.1						
2 6 9 8 4	5222	0.5	503	074	5225	0.5	116	5250	0.5	160	5257	0.4	257	5285	0.1	366	355							
2 7 9 8 8	5171	0.9	508	071	5239	0.6	112	5266	0.4	156	5266	0.4	253	5280	0.3	354	340							
2 8 9 7 7	5197	0.3	516	062	5252	0.3	103	5279	0.4	147	5261	0.3	245	5257	0.2	354	340							
2 9 9 7 2	5216	0.4	520	058	5250	0.4	099	5282	0.3	142	5295	0.3	239	5295	0.3	347	356	0.2						
3 0 9 8 6	5209	0.2	509	067	5289	0.2	107	5320	0.2	150	5346	0.2	243	5365	0.2	350	385	0.1						
3 1 9 8 6	5307	0.1	509	066	5335	0.2	106	5340	0.2	149	5279	0.3	244	5392	0.2	353	359							
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS					
	gpDm	GEOPOT- ENTIAL TEMPER- ATURE MIXING RATIO	TEMPER- ATURE dg/kg	gpDm	GEOPOT- ENTIAL TEMPER- ATURE MIXING RATIO	TEMPER- ATURE dg/kg	gpDm	GEOPOT- ENTIAL TEMPER- ATURE MIXING RATIO	TEMPER- ATURE dg/kg	gpDm	GEOPOT- ENTIAL TEMPER- ATURE MIXING RATIO	TEMPER- ATURE dg/kg	gpDm	GEOPOT- ENTIAL TEMPER- ATURE MIXING RATIO	TEMPER- ATURE dg/kg	gpDm	GEOPOT- ENTIAL TEMPER- ATURE MIXING RATIO	TEMPER- ATURE dg/kg	gpDm	GEOPOT- ENTIAL TEMPER- ATURE dg/kg				
0 1 5 0 9	379	0.2	660	481	844	609	092	650	267	661	510	709	642	727										
0 2 4 9 8	380	0.2	648	475	834	582	081	647	252	705	510	736	612	750										
0 3 4 9 3	415		641	505	827	610	073	720	243	698	483	736	612	750										
0 4 4 9 4	409		641	506	825	606	069	686	242	686	482	731												
0 6 4 8 8	431	0.1	635	518	817	609	062	708	232	722														
0 6 4 9 1	437		637	562	815	551	058	726	226	743														
0 7 4 8 4	460		629	540	810	627	055	704	224	727														
0 8 4 7 5	436		622	535	804	630	050	690	220	722	455	774												
0 9 4 8 4	429		631	539	811	611	055	642	225	729														
1 0 4 8 2	443		627	531	809	611	055	695	224	716														
1 1 4 8 2	385	0.2	634	440	822	579	065	775	231	744	467	749												
1 2 4 7 6	370	0.2	627	486	811	505	056	704	227	715	465	738												
1 3 4 8 4	390	0.2	633	490	817	504	062	703	233	698	471	714	602	733	761	770								
1 4 4 8 7	441		633	534	814	536	058	695	230	695	469	736												
1 5 4 8 7	423		635	524	817	623	063	663	237	670	484	682												
1 6 4 8 7	413		636	500	819	619	065	667	239	667	484	673	619	679										
1 7 4 8 1	410		631	495	803	624	056	688	227	710														
1 8 4 7 3	450		621	499	814	650	055	730	224	718														
1 9 4 8 6	430		633	527	818	637	061	710	230	748	463	782												
2 0 4 9 0	430		637	529	816	627	066	730	234	738														
2 1 4 9 3	401		641	511	824	627	066	730	234	738														
2 2 4 8 7	396		636	491	819	631	061	715	229	734														
2 3 4 7 4	387		623	500	806	640	048	704	217	732														
2 4 4 7 0	455		616	540	797	641	039	711	199	744														

Results of Radiosonde Observations,
DAVIS AUGUST 1962

DAY	SURFACE				1000 MB.		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS					
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg																		
01	977	5317	0.1	515	0.59	5333	0.1	0.99	5342	0.1	1.42	5322	0.1	2.37	5308	0.1	3.45	365						
02	966	5310	0.2	523	0.52	5311	0.1	0.92	5301	0.2	1.35	5287	0.1	2.32	5279	0.1	3.41	326						
03	978	5229	0.2	515	0.62	5272	0.3	1.03	5271	0.4	1.47	5256	0.4	2.42	5246	0.4	3.51	353						
04	993	5298	0.2	503	0.72	5269	0.4	1.13	5279	0.5	1.57	5282	0.4	2.53	5263	0.3	3.63	328						
05	984	5157	0.7	511	0.68	5201	0.5	1.10	5233	0.5	1.54	5251	0.5	2.51	5279	0.4	3.62	329						
06	982	5223	0.2	513	0.66	5169	0.7	1.09	5195	0.6	1.54	5210	0.6	2.52	5255	0.5	3.62	338						
07	977	5204	0.5	513	0.66	5173	0.5	1.09	5190	0.6	1.53	5221	0.6	2.51	5254	0.4	3.61	331						
08	933	5170	0.5	512	0.67	5206	0.5	1.09	5259	0.5	1.53	5278	0.4	2.49	5283	0.4	3.58	348	0.2					
09	977	5129	1.1	517	0.63	5162	0.7	1.06	5200	0.6	1.51	5240	0.6	2.48	5265	0.5	3.58	352	0.2					
10	957	5114	0.8	532	0.48	5124	0.7	0.92	5156	0.6	1.37	5188	0.6	2.37	5193	0.1	3.49	292						
11	975	5046	2.0	534	0.49	5060	1.7	0.93	5059	1.6	1.40	5122	1.6	2.41	5195	1.0	3.53	278	0.5					
12	955	5035	2.4	535	0.48	5061	2.0	0.92	5095	1.8	1.39	5132	1.4	2.39	5213	0.8	3.52	278	0.4					
13	975	5144	1.0	518	0.62	5194	0.7	1.04	5221	0.6	1.49	5207	0.7	2.50	5254	0.5	3.57	337	0.3					
14	982	5179	0.7	512	0.65	5219	0.5	1.08	5250	0.5	1.52	5284	0.4	2.47	5305	0.3	3.56	354	0.2					
15	976	5080	1.3	518	0.63	5135	1.0	1.07	5150	1.0	1.53	5153	1.1	2.55	5225	0.8	3.66	314	0.3					
16	962	5061	1.4	529	0.53	5105	1.1	0.97	5140	1.0	1.43	5158	1.0	2.42	5237	0.7	3.54	288	0.5					
17	972	5108	0.9	520	0.60	5141	0.7	1.03	5174	0.7	1.48	5205	0.7	2.46	5235	0.7	3.57	289	0.4					
18	981	5170	0.6	513	0.65	5231	0.4	1.07	5249	0.4	1.51	5272	0.4	2.47	5297	0.4	3.57	330						
19	984	5250	0.3	510	0.66	5279	0.2	1.07	5298	0.2	1.50	5244	0.3	2.45	5277	0.4	3.55	322						
20	983	5275	0.3	508	0.65	5288	0.2	1.06	5302	0.2	1.49	5270	0.3	2.46	5263	0.3	3.56	324						
21	995	5305	0.1	501	0.73	5350	0.1	1.13	5369	0.1	1.55	5367	0.1	2.48	5309	0.1	3.57	358						
22	996	5307	0.1	501	0.73	5329	0.1	1.13	5323	0.1	1.56	5312	0.1	2.52	5292	0.2	3.61	338						
23	987	5348	0.1	508	0.65	5310	0.1	1.05	5316	0.1	1.49	5290	0.1	2.45	5274	0.3	3.55	344	0.2					
24	982	5360	0.1	512	0.61	5348	0.1	1.01	5330	0.1	1.44	5280	0.2	2.40	5301	0.2	3.48	362						
25	964	5282	0.2	502	0.23	5051	0.5	5219	0.5	0.93	5228	0.5	1.38	5217	0.5	2.35	5263	0.5	3.45	343	0.3			
26	969	5150	0.9	523	0.57	5176	0.8	0.99	5205	0.7	1.44	5226	0.5	2.41	5274	0.4	3.51	336	0.3					
27	966	5249	0.3	523	0.57	5211	0.4	0.96	5224	0.4	1.41	5217	0.5	2.38	5261	0.4	3.48	343	0.1					
28	969	5222	0.5	522	0.56	5185	0.4	0.99	5195	0.7	1.44	5215	0.7	2.41	5263	0.4	3.51	342	0.2					
29	973	5140	0.0	520	0.60	5177	0.8	1.03	5209	0.7	1.47	5230	0.6	2.44	5285	0.4	3.53	351	0.2					
30	983	5194	0.5	512	0.68	5173	0.5	1.10	5211	0.4	1.55	5245	0.4	2.52	5292	0.3	3.62	327	0.1					
31	982	5210	0.9	512	0.65	5250	0.2	1.07	5262	0.2	1.51	5273	0.2	2.48	5259	0.2	3.58	350	0.1					
DAY	500 MILLIBARS				400 MILLIBARS		300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS		
	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg																					
01	470	435	0.1	617	516	781	0.48	703	218	728	0.1	2.37	808	0.1	3.45	366	0.1	3.55	344	0.2				
02	468	412	0.1	615	518	797	0.42	700	212	725	0.2	2.42	809	0.2	3.41	326	0.2	3.48	362					
03	477	421	0.2	625	505	807	0.52	679	224	689	0.1	2.47	807	0.1	3.51	353	0.3	3.55	335					
04	490	404	0.4	639	512	821	0.66	697	237	710	0.2	2.53	806	0.2	3.46	343	0.3	3.56	336					
05	488	421	0.2	636	525	817	0.59	716	227	745	0.1	2.46	805	0.1	3.45	343	0.3	3.56	336					
06	487	444	0.4	634	528	814	0.54	769	219	784	0.2	2.41	804	0.2	3.51	336	0.3	3.56	333					
07	487	420	0.2	635	516	816	0.58	763	219	797	0.1	2.45	803	0.1	3.48	343	0.1	3.48	343	0.1				
08	483	443	0.4	629	559	808	0.48	760	213	791	0.2	2.44	802	0.2	3.51	342	0.2	3.51	322					
09	482	455	0.5	627	589	806	0.47	753	213	779	0.1	2.43	801	0.1	3.51	351	0.2	3.53	351	0.2				
10	476	409	0.2	625	521	807	0.49	718	218	743	0.1	2.45	800	0.1	3.48	343	0.1	3.48	343					
11	483	329	0.4	637	439	813	0.61	825	230	728	0.2	2.48	799	0.2	3.57	357	0.2	3.57	357					
12	480	380	0.2	631	482	815	0.60	701	230	728	0.1	2.47	798	0.1	3.56	356	0.1	3.56	356					
14	483	415	0.2	631	514	813	0.57	695	227	715	0.2	2.46	797	0.2	3.55	355	0.2	3.55	355					
14	480	448	0.2	627	534	807	0.53	680	225	705	0.1	2.44	796	0.1	3.54	354	0.1	3.54	354					
15	493	394	0.2	643	459	810	0.57	729	227	745	0.1	2.43	795	0.1	3.53	353	0.1	3.53	353					
16	482	378	0.2	632	497	814	0.58	737	227	737	0.1	2.45	794	0.1	3.52	352	0.1	3.52	352					
17	485	397	0.7	635	497	817	0.50	764	235	716	0.1	2.47	793	0.1	3.51	351	0.1	3.51	351					
18	482	424	0.2	629	542	809	0.53	695	224	717	0.1	2.46	792	0.1	3.50	350	0.1	3.50	350					
19	482	397	0.7	632	502	814	0.56	723	224	759	0.1	2.45	791	0.1	3.50	350	0.1	3.50	350					
20	483	405	0.1	631	514	815	0.54	745	221	751	0.1	2.44	790	0.1	3.49	349	0.1	3.49	349					
21	482	411	0.1	629	518	815	0.57	726	226	733	0.1	2.48	789	0.1	3.57	357	0.1	3.57	357					
23	437	4																						

Results of Radiosonde Observations
DAVIS SEPT., 1956

DAY	SURFACE			1000 MB.		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS				
	PRESSURE	TEMPERATURE	TEMPERATURE	dg/kg	gpDm	dg/kg	gpDm	dg/kg	gpDm	dg/kg	gpDm	dg/kg	gpDm	dg/kg	gpDm	dg/kg	gpDm	dg/kg	gpDm	dg/kg		
	mb	°C x 10^-1	°C x 10^-1	gpDm	gpDm	°C x 10^-1	gpDm	°C x 10^-1	gpDm	°C x 10^-1	gpDm	°C x 10^-1	gpDm	°C x 10^-1	gpDm	°C x 10^-1	gpDm	°C x 10^-1	gpDm	°C x 10^-1		
01	988	5223	0.2	508	0.70	5225	0.3	112	5221	0.3	157	5240	0.3	255	5255	0.3	365	5220	0.2			
02	986	5230	0.3	509	0.60	5238	0.2	110	5265	0.2	154	5245	0.2	248	5241	0.2	359	5265	0.2			
03	980	5221	0.4	514	0.64	5211	0.3	106	5243	0.3	150	5259	0.3	245	5253	0.6	357	505	0.4			
04	973	5146	0.7	521	0.61	5160	0.7	103	5221	0.7	148	5214	0.7	245	5245	0.6	354	505	0.2			
05	982	5108	0.8	513	0.68	5149	0.8	111	5180	0.8	156	5188	0.9	251	5239	0.6	351	535	0.3			
06	977	5140	0.7	515	0.64	5154	0.7	107	5180	0.7	152	5183	0.9	248	5234	0.4	357	530	0.2			
07	979	5142	0.9	515	0.65	5160	0.8	108	5192	0.6	159	5197	0.7	241	5254	0.5	371	528	0.3			
08	991	5120	0.8	505	0.75	5162	0.5	113	5190	0.5	158	5263	0.5	257	5233	0.3	368	515	0.3			
09	991	5186	0.5	506	0.73	5227	0.3	114	5239	0.5	161	5221	0.6	259	5222	0.4	371	241				
10	993	5164	0.4	504	0.75	5200	0.4	117	5210	0.5	162	5255	0.5	258	5260	0.4	364	305	0.1			
11	992	5155	0.4	505	0.75	5180	0.5	117	5210	0.5	161	5253	0.4	249	5214	0.4	361	304	0.2			
12	978	5139	0.7	516	0.64	5185	0.4	106	5214	0.4	151	5196	0.6	250	5223	0.4	362	275	0.3			
13	976	5122	0.7	517	0.63	5147	0.6	106	5182	0.5	151	5200	0.5	245	5223	0.4	357	271	0.3			
14	970	5140	0.5	522	0.58	5168	0.5	101	5200	0.5	146	5216	0.5	245	5248	0.6	358	305	0.4			
15	974	5120	0.5	519	0.61	5152	0.6	104	5173	0.8	149	5194	0.9	245	5248	0.2	359	323				
16	980	5131	0.8	514	0.66	5171	0.6	103	5194	0.6	153	5211	0.6	251	5244	0.2	361	323				
17	978	5168	0.5	515	0.64	5189	0.7	106	5209	0.5	151	5210	0.6	249	5257	0.3	359	334	0.1			
18	985	5196	0.3	510	0.68	5224	0.3	109	5250	0.3	153	5256	0.3	247	5265	0.3	360	347	0.1			
19	995	5170	0.4	502	0.76	5236	0.3	118	5275	0.3	161	5316	0.2	257	5290	0.3	360	347	0.1			
20	991	5235	0.3	508	0.71	5257	0.3	112	5288	0.3	155	5264	0.4	251	5272	0.2	361	352				
21	984	5210	0.3	510	0.67	5294	0.4	109	5268	0.4	152	5249	0.3	247	5295	0.3	355	333	0.2			
22	976	5275	0.3	519	0.60	5236	0.3	101	5235	0.4	146	5236	0.3	243	5279	0.4	356	364	0.2			
23	986	5218	0.3	510	0.68	5250	0.4	109	5264	0.4	153	5258	0.4	250	5277	0.4	356	315	0.2			
24	988	5220	0.3	508	0.69	5271	0.3	110	5264	0.4	154	5300	0.3	248	5316	0.3	357	353	0.1			
25	989	5209	0.5	507	0.71	5229	0.5	113	5256	0.4	156	5298	0.3	250	5334	0.3	358	365	0.2			
26	978	5203	0.3	515	0.63	5211	0.3	105	5225	0.3	149	5226	0.3	243	5250	0.3	358	335				
27	983	5258	0.3	511	0.67	5198	0.5	109	5200	0.5	154	5178	0.4	253	5236	0.3	354	325				
28	982	5182	0.8	510	0.68	5193	0.6	111	5199	0.5	156	5207	0.4	254	5222	0.3	367	265	0.5			
29	974	5111	0.8	519	0.61	5195	0.6	104	5195	0.8	149	5190	0.9	248	5236	0.7	359	309	0.4			
30	996	5108	1.1	503	0.78	5198	0.5	121	5194	0.6	156	5208	0.8	264	5238	0.7	374	325	0.3			
	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			
DAY	GEOPOTENTIAL	TEMPERATURE	TEMPERATURE	dg/kg	gpDm	dg/kg	gpDm	dg/kg	gpDm	dg/kg	gpDm	dg/kg	gpDm	dg/kg	gpDm	dg/kg	gpDm	dg/kg	gpDm	dg/kg	gpDm	dg/kg
	gpDm	-°C x 10^-1	dg/kg	gpDm	gpDm	-°C x 10^-1	dg/kg	gpDm	gpDm	-°C x 10^-1	dg/kg	gpDm	dg/kg	gpDm	-°C x 10^-1	dg/kg	gpDm	dg/kg	gpDm	-°C x 10^-1	dg/kg	gpDm
01	492	411	0.1	641	465	640	465	600	072	669	245	700	500	703	751	615	752	615	752	615	752	615
02	491	362	0.1	641	436	633	436	641	084	650	257	698	500	703	737	486	753	615	752	615	752	615
03	488	352	0.2	641	430	628	430	681	076	695	249	685	477	756	734	486	753	615	752	615	752	615
04	486	350	0.2	639	434	627	437	687	071	725	242	716	477	756	734	486	753	615	752	615	752	615
05	488	464	0.2	637	488	621	405	657	067	707	237	730	477	756	734	486	753	615	752	615	752	615
06	486	446	0.2	632	513	614	514	622	059	721	224	751	477	756	734	486	753	615	752	615	752	615
07	481	446	0.2	628	513	611	511	655	055	712	224	723	477	756	734	486	753	615	752	615	752	615
08	497	433	0.2	644	472	626	526	624	071	700	242	723	477	756	734	486	753	615	752	615	752	615
09	494	405	0.2	644	472	631	511	655	055	712	224	751	477	756	734	486	753	615	752	615	752	615
10	499	344	0.2	624	425	626	524	620	080	699	249	737	486	753	615	752	615	752	615	752	615	
11	497	370	0.2	651	440	636	527	642	085	780	257	845	474	780	725	486	753	615	752	615	752	615
12	488	402	0.2	637	495	622	528	593	082	777	244	825	475	777	601	777	766	766	766	766	766	
13	492	350	0.2	644	466	628	528	620	069	777	238	755	474	740	721	777	766	766	766	766	766	
14	486	365	0.2	637	475	621	521	621	063	731	231	726	474	756	734	486	753	615	752	615	752	615
15	485	403	0.1	633	515	614	514	652	058	710	229	704	470	705	734	486	753	615	752	615	752	615
16	488	359	0.1	636	513	618	484	646	059	726	227	730	462	754	591	717	762	676	676	676	676	
17	485	411	0.1	633	496	616	530	650	058	715	227	728	705	470	684	591	717	762	676	676	676	
18	486	420	0.1	634	511	617	603	664	064	685	236	706	477	693	611	675	785	660	660	660	660	
19	491	426	0.1	638	522	619	642	662	062	710	228	724	471	710	603	713	725	676	676	676		
20	487	411	0.1	635	530	616	649	658	058	712	228	718	467	721	596	725	725	676	676	676		
21	481	418	0.1	629	525	610	636	655	055	696	225	725	464	719	596	725	725	676	676			
22	478	412	0.1	626	524	607	643	650	050	710	220	733	456	751	585	761	761	676	676			
23	487	412	0.1	636	489	621	583	666	066	717	220	736	456	751	585	761	761	676	676			
24	492	420	0.1	603	510	613	616	659	063	687	230	714	472	720	600	735	735	676	676			
25	483	424	0.1	631	505	615	596	663	063	671	234	700	475	714	607	719	719	676	676			
26	484	418	0.1	632	511	614	622	660	060	692	231	715	470	725	602	713	713	676	676			
27	491	394	0.2	641	474	628	620	705	075	682	244	730	472	725	602	713	713	676	676			
28	497	359	0.2	649	455	635	597	076	755	066	706	237	739	483	708	612	672	672				
29	486	389	0.2	637	479	621	605	666	066	693	235	710	478	684	612	672	672	672	672			
30	501	365	0.1	653	468	638	606	684	084	693	255	711	498	670	633	808	625	625	625			

Results of Radiosonde Observations,
DAVIS OCT., 1962

DAY	SURFACE			1000 MB.		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS						
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg																		
01	984	5099	15	511	070	5146	10	113	5170	09	158	5168	10	257	5211	08	570	268	06					
03	961	5116	14	529	051	5150	11	094	5178	09	139	5204	07	237	5259	05	343	286	04					
03	978	5107	13	515	065	5160	09	128	5173	10	154	5193	07	252	5247	06	363	298	04					
04	968	5075	12	525	057	5121	10	101	5157	10	146	5202	07	244	5270	05	355	286	05					
05	975	5105	07	517	063	5165	06	105	5203	05	150	5227	05	247	5289	03	357	323	03					
06	976	5153	06	517	062	5175	05	105	5194	06	150	5225	05	248	5233	03	359	312	01					
07	965	5050	10	526	054	5127	09	093	5156	08	144	5177	08	242	5237	06	354	305	03					
08	969	5069	11	523	058	5115	09	102	5143	09	148	5177	09	247	5217	07	359	301	03					
09	966	5059	08	525	056	5123	07	100	5146	08	145	5165	08	245	5215	06	357	298	03					
10	968	5105	09	521	057	5129	10	101	5146	09	146	5172	09	246	5214	07	358	303	04					
11	972	5101	11	521	060	5133	09	103	5148	09	149	5159	06	248	5240	03	359	319	01					
12	985	5105	08	510	071	5135	09	114	5159	09	159	5176	09	258	5260	05	368	325	03					
13	990	5167	06	507	073	5182	06	116	5191	05	161	5180	06	260	5225	04	371	304	02					
14	989	5160	04	507	072	5175	03	115	5146	03	160	5165	05	240	5200	02	373	245	01					
15	976	5139	04	517	063	5166	04	105	5196	03	150	5220	03	249	5194	03	362	262	02					
16	988	5151	04	507	072	5180	06	114	5201	04	159	5186	04	250	5208	02	372	259	01					
17	980	5130	09	514	066	5170	09	108	5204	07	153	5225	07	247	5261	05	361	312	04					
18	977	5153	07	517	062	5185	07	105	5212	07	149	5218	07	246	5288	04	355	334	01					
19	977	5160	02	517	063	5201	07	105	5215	06	149	5256	04	244	5314	03	352	365	02					
20	975	5140	09	516	063	5172	09	106	5196	08	151	5233	06	247	5311	03	354	387	02					
21	975	5210	03	511	067	5230	04	109	5256	03	153	5257	03	249	5296	03	357	372	01					
22	991	5266	03	506	071	5196	05	113	5230	03	157	5257	02	254	5291	02	363	350	01					
23	989	5213	03	507	072	5178	03	115	5197	03	159	5214	02	246	5251	01	358	263	01					
24	976	5212	03	517	061	5212	02	103	5225	03	148	5204	02	240	5253	01	351	310	02					
25	969	5193	04	522	056	5219	05	099	5241	03	143	5250	02	249	5253	01	359	321	03					
26	978	5162	07	516	064	5156	05	107	5198	05	152	5234	05	249	5244	03	368	299	04					
27	982	5075	15	513	069	5130	11	112	5145	12	158	5171	11	247	5244	06	368	295	04					
28	982	5076	12	513	068	5125	10	112	5164	09	157	5170	10	256	5229	07	363	295	04					
29	969	5032	22	524	059	5080	16	103	5104	16	150	5121	15	251	5250	05	366	319	03					
30	980	5060	14	515	067	5114	12	111	5143	11	157	5183	09	251	5250	04	363	310	04					
31	974	5096	09	519	063	5114	09	106	5136	09	152	5152	08	251	5237	04	363	310	04					
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS		
	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg																					
01	501	298	05	656	404	02	846	546	093	715	263	716	505	673	641	648								
03	477	380	02	627	478		811	622	059	666	233	668	478	663	614	646								
03	491	396	01	640	510		823	606	072	661	248	660	496	634	633	626								
04	483	383	02	633	491		816	617	062	677	236	674	481	652	617	648								
05	483	425		630	545		810	612	057	670	230	675	475	673	609	659								
06	486	395	01	636	498		820	598	065	691	238	686	481	680										
07	481	370	02	632	482		815	624	059	695	231	691	475	655	612	635	789							604
08	486	405		634	514		815	642	061	661	234	679	479	643	617	624	795							
09	484	378	02	634	513		816	629	061	700	232	693	475	684	610	655	786							
10	485	397	02	635	490		818	624	061	731	230	727	471	689	605	671								
11	485	415		632	520		815	642	066	701	228	701	471	672	606	645								
12	494	420		641	536		822	633	067	669	238	700	480	695	614	680								
13	499	393		649	475		834	605	079	668	231	695	494	675	636	654								
14	504	328		658	455		845	580	091	707	226	680	508	671	643	658								
15	492	362		644	450		830	591	075	694	248	671	495	665	630	666	805	659						
16	502	338		654	470		838	629	082	726	251	716	496	656	632	662	808	631						
17	487	422		635	523		817	612	065	655	240	642	489	632	627	616								
18	482	405		632	475		818	654	073	609	250	649	498	627	634	652								
19	477	444		625	485		810	590	062	632	238	643	489	602	645	645								
20	478	421		626	518		808	609	059	629	237	605	491	579										
21	481	454		627	545		809	612	058	634	246	622	488	591	628	591	809	567						
22	488	430		636	502		819	604	064	660	239	651	487	536	624	626								629
23	497	353		650	446		836	598	080	708	252	683	497	659	633	629	810	614						
24	488	344		640	468		825	617	068	686	241	669	489	632	624									

**Results of Radiosonde Observations,
DAVIS NOV 1962**

DAY	SURFACE			1000 MB.		900 MILLIBARS		850 MILLIBARS		800 MILLIBARS		700 MILLIBARS		600 MILLIBARS								
	mb	PRESSURE	TEMPERATURE	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	GEOPOTENTIAL	gpDm	GEOPOTENTIAL	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	GEOPOTENTIAL	gpDm	GEOPOTENTIAL	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	GEOPOTENTIAL	gpDm	GEOPOTENTIAL	$^{\circ}\text{C} \times 10^{-1}$	dg/kg
01	986	5072	1.0	510	072	5121	1.0	115	5157	1.0	160	5195	0.0	25	5205	0.0	1.4	5191	236	369	348	0.2
02	978	5043	1.4	517	065	5090	1.2	119	5120	1.4	156	5156	1.2	25	5193	0.2	0.4	5197	356	305	305	0.4
03	986	5047	2.2	510	073	5091	1.5	117	5113	1.4	153	5151	1.2	25	5193	0.2	0.7	5222	375	375	310	0.4
04	002	5051	1.4	003	085	5087	1.1	123	5105	0.7	176	5127	0.7	27	5176	0.7	0.8	5197	118	384	257	0.7
05	001	5056	1.5	002	084	5094	0.9	129	5094	0.8	175	5103	0.7	27	5177	0.7	0.7	5145	392	224	224	0.7
06	949	5040	1.5	508	074	5107	0.8	118	5110	0.6	165	5099	0.6	25	5157	0.4	1.4	5091	236	0.3	236	0.3
07	988	5085	0.9	508	073	5148	0.4	115	5135	0.4	161	5205	0.4	25	5197	0.4	0.4	5197	374	261	261	0.4
08	983	5086	0.7	513	068	5130	0.6	102	5158	0.5	157	5193	0.5	25	5255	0.2	0.2	5195	365	313	313	0.4
09	977	5077	1.1	517	065	5120	1.1	108	5161	0.9	153	5135	0.9	25	5255	1.0	1.0	5144	364	286	0.5	0.5
10	986	5071	0.8	515	067	5111	1.1	111	5141	1.0	156	5165	1.1	25	5241	0.6	0.6	5157	300	0.4	300	0.4
11	976	5088	1.0	523	059	5117	1.1	103	5146	0.9	148	5149	0.9	24	5245	0.6	0.6	5159	319	0.3	319	0.3
12	990	5072	1.0	507	075	5115	1.4	110	5143	1.1	164	5185	0.9	26	5244	0.5	0.5	5175	332	0.3	332	0.3
13	972	5107	0.6	505	077	5093	0.7	120	5125	0.7	157	5153	0.6	25	5231	0.3	0.3	5177	315	0.2	315	0.2
14	980	5080	0.9	517	067	5151	1.1	119	5134	1.1	155	5144	0.6	25	5231	0.3	0.3	5177	315	0.2	315	0.2
15	985	5036	1.2	511	072	5090	1.2	115	5113	1.1	152	5144	1.1	25	5216	0.3	0.3	5164	241	241	241	0.4
16	986	5071	0.9	510	073	5096	1.1	115	5129	0.5	153	5134	0.5	25	5229	0.7	0.7	5173	286	0.4	286	0.4
17	943	5045	1.5	512	070	5083	1.6	115	5129	0.5	153	5134	0.5	25	5211	0.5	0.5	5175	295	0.4	295	0.4
18	986	5031	1.8	508	073	5090	1.2	116	5132	1.1	142	5201	0.3	26	5201	0.3	0.3	5174	250	0.4	250	0.4
19	983	5073	1.0	512	070	5108	1.1	113	5125	1.0	159	5154	0.9	25	5192	0.7	0.7	5173	290	0.4	290	0.4
20	986	5056	1.4	510	072	5120	1.1	116	5144	1.0	151	5177	0.9	25	5221	0.7	0.7	5173	280	0.2	280	0.2
21	993	5049	1.5	505	079	5093	1.4	129	5126	1.3	158	5155	1.0	25	5247	0.5	0.5	5177	310	0.4	310	0.4
22	996	5050	1.5	502	080	5098	1.6	124	5123	1.2	170	5150	1.2	25	5240	0.5	0.5	5181	291	0.3	291	0.3
23	994	5071	1.1	504	079	5114	1.3	121	5150	1.1	157	5175	1.0	25	5240	0.5	0.5	5178	285	0.3	285	0.3
24	992	5082	1.0	505	076	5134	1.1	120	5146	1.0	155	5170	1.0	25	5240	0.5	0.5	5176	267	0.3	267	0.3
25	993	5081	1.2	504	077	5116	0.9	121	5133	0.9	156	5195	0.7	25	5227	0.7	0.7	5180	243	0.3	243	0.3
26	997	5079	1.5	509	080	5141	1.0	125	5185	0.7	157	5173	0.7	25	5192	0.6	0.6	5180	239	0.4	239	0.4
27	001	5084	1.4	002	083	5149	0.7	126	5172	0.7	171	5218	0.6	27	5270	0.6	0.6	5184	249	0.4	249	0.4
28	001	5089	0.9	002	083	5148	0.7	126	5142	0.8	172	5126	0.5	27	5273	0.6	0.6	5188	220	0.4	220	0.4
29	990	5079	0.7	506	075	5117	0.7	119	5146	0.4	165	5145	0.6	25	5265	0.5	0.5	5180	218	0.4	218	0.4
30	980	5039	1.6	515	069	5091	1.4	111	5125	1.5	158	5144	1.2	25	5210	0.8	0.8	5170	295	0.4	295	0.4
DAY	500 MILLIBARS			400 MILLIBARS		300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS						
	gpDm	GEOPOTENTIAL	TEMPERATURE	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	GEOPOTENTIAL	TEMPERATURE	$^{\circ}\text{C} \times 10^{-1}$	gpDm	GEOPOTENTIAL	TEMPERATURE	$^{\circ}\text{C} \times 10^{-1}$	gpDm	GEOPOTENTIAL	TEMPERATURE	$^{\circ}\text{C} \times 10^{-1}$	gpDm	GEOPOTENTIAL	TEMPERATURE	$^{\circ}\text{C} \times 10^{-1}$	
01	492	445	0.2	638	554	819	606	070	626	249	591	506	544	649	528	836	499	516	835	499	516	499
02	494	390	0.2	643	510	826	620	075	635	253	606	507	578	649	539	835	516	835	516	516	516	516
03	501	401	0.5	651	470	837	580	089	617	266	620	520	578	662	561	842	567	842	567	567	567	567
04	520	325	0.4	674	434	861	501	105	628	276	611	519	570	660	575	842	567	842	567	567	567	567
05	524	318	0.7	678	429	866	565	955	545	305	527	567	567	612	513	900	496	900	496	496	496	496
06	512	317	0.4	666	442	853	581	109	539	295	513	561	475	708	472	0	0	0	0	0	0	0
07	504	335	0.4	588	416	846	581	109	538	292	513	561	475	708	472	0	0	0	0	0	0	0
08	494	369	0.4	645	434	836	510	095	549	281	507	550	428	702	375	902	372	902	372	372	372	372
09	493	352	0.3	646	432	834	582	095	497	283	463	556	406	707	398	919	374	919	374	374	374	374
10	494	382	0.2	645	461	831	584	085	559	286	508	539	423	691	384	919	374	919	374	374	374	374
11	485	380	0.2	637	460	823	584	080	554	286	508	539	423	691	384	919	374	919	374	374	374	374
12	499	428	0.1	646	499	832	574	088	572	272	512	541	428	693	369	880	326	880	326	326	326	326
13	505	354	0.1	658	448	847	526	107	514	293	500	563	457	600	372	923	357	923	357	357	357	357
14	500	280	0.2	656	396	846	555	103	514	292	460	566	389	719	369	0	0	0	0	0	0	0
15	503	327	0.2	658	401	848	555	102	514	290	436	565	387	719	372	919	374	919	374	374	374	374
16	505	326	0.1	661	414	850	586	107	533	296	461	570	399	723	388	919	374	919	374	374	374	374
17	505	334	0.3	658	462	845	547	104	515	294	455	566	413	718	395	919	374	919	374	374	374	374
18	501	380	0.2	651	469	839	550	091	501	290	429	565	398	719	367	919	374	919	374	374	374	374
19	504	331	0.3	657	432	845	578	102	509	291	447	567	387	720	380	919	374	919	374	374	374	374
20	501	350	0.1	654	450	840	552	101	489	292	435	569	372	723	361	923	357	923	357	357	357	357
21	505	389	0.1	655	470	842	541	105	471	2												

Results of Radiosonde Observations,
DAVIS DEC., 1962

DAY	SURFACE			1000 MB.			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS					
	g	PRESSURE hPa	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO																	
01	980	5036	1.8	514	0.60	5084	1.7	115	5098	1.5	160	5123	1.4	260	5130	1.1	262	5134	1.1	262	5136	1.1	271	0.6
02	983	5036	1.2	512	0.70	5101	1.1	114	5120	1.4	151	5124	1.1	262	5130	1.0	261	5132	1.0	262	5136	1.1	210	0.4
03	981	5039	1.2	513	0.69	5076	1.2	113	5148	1.0	160	5130	1.0	262	5132	1.0	261	5134	1.0	262	5136	1.0	214	0.4
04	975	5018	1.2	519	0.64	5060	1.0	109	5099	1.1	155	5117	1.0	256	5125	1.0	256	5127	1.0	256	5129	1.0	215	0.5
05	990	010	1.5	515	0.69	5042	1.5	114	5070	1.7	160	5120	1.0	262	5122	1.0	262	5124	1.0	262	5126	1.0	250	0.5
06	985	009	1.4	511	0.73	5055	1.3	117	5085	1.3	154	5124	0.9	266	5127	0.9	266	5129	0.9	266	5131	0.9	256	0.4
07	991	5012	2.0	506	0.77	5073	1.9	122	5100	1.9	169	5137	1.5	269	5140	1.5	269	5143	1.5	269	5146	1.5	237	0.4
08	995	5024	1.6	503	0.80	5070	1.5	124	5110	1.5	170	5131	1.5	272	5133	1.5	272	5135	1.5	272	5137	1.5	221	0.3
09	945	5038	1.5	511	0.72	5095	1.7	115	5109	1.5	162	5115	1.3	263	5126	1.3	263	5128	1.3	263	5130	1.3	223	0.3
10	984	5050	0.9	512	0.70	5114	0.9	114	5142	1.2	160	5153	0.8	260	5161	1.1	260	5163	1.1	260	5165	1.1	241	0.3
11	986	5028	1.4	510	0.75	5096	1.3	117	5113	1.5	163	5134	1.5	265	5141	1.5	265	5143	1.5	265	5145	1.5	247	0.7
12	990	5029	1.2	507	0.75	5096	0.9	119	5112	1.0	166	5137	0.8	267	5145	1.0	267	5147	1.0	267	5149	1.0	237	0.6
13	988	5033	1.3	508	0.75	5079	1.1	119	5098	1.0	165	5120	0.9	266	5128	0.9	266	5130	0.9	266	5132	0.9	256	0.4
14	989	5030	1.6	508	0.75	5056	1.7	119	5095	1.4	157	5127	1.1	267	5134	1.1	267	5136	1.1	267	5138	1.1	275	0.2
15	986	5005	2.0	510	0.71	5074	1.6	118	5105	1.6	164	5140	1.3	264	5147	1.3	264	5149	1.3	264	5151	1.3	295	0.3
16	979	5003	1.7	516	0.68	5076	1.6	102	5100	1.7	158	5146	1.3	258	5152	1.3	258	5154	1.3	258	5156	1.3	275	0.5
17	981	5010	1.3	514	0.69	5062	1.3	113	5100	1.3	160	5132	1.3	260	5140	1.3	260	5142	1.3	260	5144	1.3	264	0.6
18	992	5025	0.9	513	0.70	5085	0.8	114	5096	2.5	161	5126	2.6	261	5130	2.6	261	5132	2.6	261	5134	2.6	260	0.4
19	981	5027	1.7	514	0.60	5087	1.4	113	5117	1.5	160	5144	1.4	227	5151	1.4	227	5153	1.4	227	5155	1.4	232	0.3
20	991	5019	1.1	506	0.77	5079	1.0	121	5103	1.2	158	5124	0.9	259	5131	1.2	259	5133	1.2	259	5135	1.2	281	0.2
21	992	5002	0.9	505	0.78	5055	0.7	123	5076	0.6	170	5105	0.5	272	5115	0.5	272	5117	0.5	272	5119	0.5	289	0.2
22	986	5005	1.3	510	0.74	5066	0.9	118	5106	0.7	166	5140	0.8	269	5147	0.8	269	5149	0.8	269	5151	0.8	285	0.1
23	970	5025	1.2	510	0.73	5060	0.60	105	5096	1.1	151	5145	1.0	251	5151	1.0	251	5153	1.0	251	5155	1.0	275	0.5
24	978	5040	1.0	516	0.66	5079	1.0	111	5111	0.9	157	5134	0.9	257	5142	0.9	257	5144	0.9	257	5146	0.9	289	0.3
25	979	5026	1.9	516	0.67	5073	1.7	111	5115	1.4	158	5149	1.3	258	5156	1.3	258	5158	1.3	258	5160	1.3	270	0.4
26	979	5035	1.8	516	0.67	5071	1.3	112	5099	1.1	159	5130	1.0	259	5145	1.0	259	5147	1.0	259	5149	1.0	273	0.3
27	988	5028	2.2	509	0.74	5094	1.6	113	5133	1.3	164	5141	0.9	265	5150	1.3	265	5152	1.3	265	5154	1.3	279	0.3
28	987	5018	1.9	510	0.73	5075	1.4	117	5110	1.2	164	5122	0.9	265	5131	1.2	265	5133	1.2	265	5135	1.2	279	0.3
29	989	5034	1.5	508	0.75	5080	1.7	110	5120	1.4	165	5144	0.9	255	5151	1.4	255	5153	1.4	255	5155	1.4	240	0.4
30	996	5032	1.1	509	0.81	5070	1.7	125	5105	1.1	172	5145	0.9	272	5152	1.1	272	5154	1.1	272	5156	1.1	225	0.2
31	001	022	1.5	-	-	5042	1.1	125	5105	1.1	178	5059	0.7	272	5059	0.7	272	5061	0.7	272	5063	0.7	0.95	-

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS			
	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO																			
01	504	331	0.5	657	438	0.4	845	536	1.08	469	300	433	576	408	728	408	728	417	569	419	721	417	569	419	408
02	508	320	0.5	662	406	0.5	853	541	1.09	534	297	462	569	419	721	419	721	421	569	421	721	421	569	421	405
03	508	312	0.2	663	415	0.5	852	549	1.08	525	297	466	569	421	721	421	721	424	569	424	721	424	569	424	405
04	503	303	0.2	659	404	0.5	849	549	1.04	442	1.11	523	205	463	570	379	724	380	724	395	570	395	724	395	
05	506	334	0.2	660	426	0.5	849	557	1.05	503	295	458	569	405	721	405	721	405	569	405	721	405	569	405	
06	509	546	0.2	662	441	0.5	850	560	1.06	514	295	457	569	396	721	396	721	396	569	396	721	396	569	396	
07	514	525	0.2	668	423	0.5	851	561	1.14	516	303	460	576	406	728	406	728	406	576	406	728	406	576	406	
08	510	518	0.3	673	414	0.5	852	557	1.19	509	303	465	580	405	728	405	728	405	580	405	728	405	580	405	
09	510	299	0.2	665	400	0.5	848	545	1.17	483	308	449	583	391	736	374	736	374	583	39					

Results of Radiosonde Observations,
MACQUARIE SEPT., 1962

1100 Hours GMT

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS						
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg		GEOPOT- ENTIAL gpDm	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg			
01																							
02																							
03																							
04																							
05																							
06																							
07																							
08																							
09																							
10																							
11																							
12																							
13	983	0.1	658	488	847	494	112	482	301	508	5118	07	378	271	04								
14	997	0.17	31	513	5061	24	5091	22	175	5101	20	276	5125	06	391	204							
15	004	0.40	45	004	089	5009	30	134	5043	20	182	5055	28	286	5100	22	404	181	13				
16	006	0.44	50	006	091	5006	44	137	5020	36	185	5045	32	289	5101	16	407	154					
17	002	0.44	46	002	087	5012	52	132	5046	23	180	5083	17	287	5148	14	397	205					
18	992	0.56	57	506	080	5023	50	125	5005	42	174	5029	37	279	5102	19	397	137	17				
19	006	0.26	30	005	090	5052	22	134	5091	19	181	5122	17	281	5191	06	394	282	03				
20	998	0.50	52	500	084	008	44	131	000	43	179	5014	42	294	5070	50	403	145	16				
21	994	0.53	56	504	082	011	41	127	5014	40	176	5035	36	280	5105	23	397	169	12				
22	999	0.10	32	001	084	5055	22	129	5090	19	176	5127	16	276	5172	03	391	245					
23	013	0.17	29	001	086	5014	32	131	5041	30	179	5052	23	283	5095	23	401	160	16				
24	001	0.46	45	001	086	5064	21	139	5100	19	186	5100	12	290	5089	07	408	145	07				
25	013	0.26	29	011	094	095	5001	42	141	5025	38	193	5055	28	297	5113	19	414	170	13			
26	011	0.47	52	010	095	5001	44	134	5021	35	183	5011	40	288	5090	21	406	143	14				
27	003	0.45	55	003	088	005	44	139	5003	42	187	5003	14	292	5087	16	410	149	17				
28	001	0.56	57	002	087	030	51	134	006	43	183	5020	38	288	5085	22	406	162	08				
29	008	0.49	48	007	093	021	49	139	5003	42	187	5003	14	281	5061	09	401	160	05				
30	995	0.61	58	504	083	024	47	129	5004	40	177	5029	25	281	5061	09	401	160	05				
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS				
	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg		
01																							
02																							
03																							
04																							
05																							
06																							
07																							
08																							
09																							
10																							
11																							
12																							
13	507	361	01	658	488	847	494	112	482	301	508	5118	07	378	271	04							
14	522	309	411	578	411	868	504	124	525	313	492												
15	538	270	07	695	380	03	888	504	145	535	331	519	594	506	506	15	405	187	09				
16	542	275	02	698	405	888	535	145	575	330	500												
17	530	300	685	396	877	571	142	517	529	501	599	425											
18	533	238	09	693	337	02	889	485	148	520	535	491	604	467	754	426							
19	523	372	02	673	496	861	505	128	455	521	438	597	389										
20	538	253	07	696	383	02	888	580	144	513	533	490											
21	532	267	06	689	385	02	880	538	137	510	326	462											
22	522	323	06	676	407	867	573	128	486	319	448	594	433	746	403								
23	539	270	06	697	386	03	887	541	142	540	328	503	595	462	743	450							
24	535	265	07	693	392	02	884	538	141	546	328	511	594	446	744	458							
25	544	237	04	703	373	01	895	535	154	527	340	534	605	491	752	488							
26	550	235	09	709	364	03	901	531	159	548	344	532	606	515									
27	542	246	07	700	374	02	892	541	149	536	334	541	594	542									
28	541	249	07	700	348	02	892	545	150	534	336	542	599	512									
29	546	243	08	705	360	03	898	527	153	563	337	535	600	504	476	746	490						
30	536	274	02	692	395	03	883	506	147	505	336	486	606	476	755	429							

**Results of Radiosonde Observations,
MACQUARIE OCT., 1962**

DAY	SURFACE				1000 MB.		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS							
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg																				
01	985	0 40	4.8	511	0 74	0 14	4.6	120	5015	3 9	168	5050	3 2	272	5105	1 8	390	160	11							
02	0 01	0 16	2.5	0 01	0 84	5059	1 8	129	51110	1 6	5131	175	276	5150	1 0	391	220	0 6								
03	0 05	0 40	4.1	0 04	0 88	5018	2 6	134	5055	2 3	181	5094	2 0	284	5090	4 02	150									
04	0 10	0 43	4.1	0 09	0 93	5037	3 0	139	5006	1 8	177	5035	1 0	291	5104	1 5	409	143								
05	9 94	0 41	4.9	505	0 80	5017	3 6	126	50045	2 5	174	5010	2 0	280	5065	3 98	149	0 9								
06	9 87	0 39	4.6	510	0 75	0 11	4.2	111	5005	3 8	159	5040	3 1	273	5104	1 0	391	176								
07	9 87	0 40	510	0 75	0 16	4 8	111	5005	4 1	170	5050	3 6	275	5086	2 5	392	168	1 2								
08	9 85	0 50	4 4	512	0 73	5011	3 5	119	5005	3 2	167	5045	2 4	270	5110	1 3	387	200	0 8							
09	9 97	0 36	4 1	502	0 83	5015	3 1	129	50015	1 7	177	5039	2 81	5110	3 98	191										
10	9 74	0 41	4 7	521	0 64	5009	5 7	110	50040	3 1	157	5062	2 6	261	5126	1 1	376	218	0 9							
11	9 90	0 53	5 6	508	0 78	0 19	4 4	124	50002	4 4	172	5019	4 2	278	5082	2 6	396	133	1 8							
12	9 99	0 46	4 0	0 00	0 85	5031	2 8	130	5063	2 2	177	5091	1 1	279	5172	1 1	393	263	0 5							
13	0 11	0 23	3 2	0 15	0 93	5060	2 1	130	5094	1 5	184	5121	0 8	285	5192	3 99	260									
14	0 05	0 43	4 5	505	0 65	0 89	5040	3 1	134	5040	2 8	182	5063	2 0	285	5125	1 7	401	208	1 0						
15	0 05	0 61	5 1	505	0 65	0 91	0 22	50	137	5034	5 2	186	5015	4 7	293	5044	3 3	412	120	1 7						
16	9 95	0 61	5 3	505	0 65	0 81	0 27	52	128	5000	5 1	177	5019	4 2	282	5094	2 6	399	155	1 1						
17	0 02	0 50	4 9	505	0 63	0 87	5019	3 0	133	5037	2 9	181	5053	2 0	284	5016	1 2	401	200	0 8						
18	0 04	0 51	4 9	504	0 64	0 89	5002	4 0	135	5028	2 5	193	5051	3 2	297	5115	2 1	403	185	0 9						
19	0 08	0 62	4 7	507	0 92	0 07	4 6	138	5011	3 2	187	5007	2 4	293	5059	2 7	413	109	1 1							
20	9 99	0 61	4 9	502	0 82	0 07	4 0	132	5017	3 4	180	5039	3 2	285	5094	2 4	403	149	1 7							
21	0 14	0 18	2 2	0 11	0 95	5076	1 5	139	5120	1 4	185	5109	0 5	297	5145	4 04										
22	0 18	0 29	2 7	0 15	0 99	5064	2 1	144	0 01	0 9	192	5006	2 0	298	5050	4 19	101									
23	9 95	0 50	4 9	503	0 82	0 21	4 5	129	5035	4 4	177	5111	4 1	294	5046	3 6	404	0 78	3 2							
24	9 64	0 62	5 3	503	0 57	0 29	4 3	103	0 00	4 4	151	5026	3 8	256	5075	2 8	376	121	0 2							
25	9 89	0 43	4 2	515	0 70	5011	3 0	116	5050	2 1	163	5086	2 0	265	5155	1 2	380	220	0 3							
26	9 89	0 62	5 2	509	0 77	0 15	4 4	123	5017	3 6	171	5032	3 0	275	5104	1 1	392	198	0 4							
27	0 04	0 24	2 9	0 04	0 88	5065	1 9	132	5110	1 6	178	5132	1 5	280	5134	3 96										
28	0 13	0 21	2 6	0 11	0 94	5069	2 0	139	5097	1 6	185	5139	1 3	287	5140	0 6	402	210	0 4							
29	9 97	0 53	5 1	502	0 83	0 00	4 2	130	5030	3 5	177	5058	2 8	281	5116	1 6	398	196	0 9							
30	0 07	0 22	3 0	0 06	0 90	5063	2 4	134	5095	2 1	181	5100	1 2	284	5120	4 01										
31																										
DAY	500 MILLIBARS				400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS			
	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg																							
	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg																				
01	524	260	0 5	681	4 00	0 2	871	551	1 33	4 94	3 24	4 56	597	4 51												
02	523	301	0 2	679	4 29		867	535	1 31	4 91	3 22	4 70	591	4 45	741	4 26										
03	537	265		694	3 95	0 1	885	532	1 40	5 65	3 25	4 72	593	4 75	741	4 55	976	4 31								
04	544	251	0 3	703	3 74		895	523	1 52	5 36	3 19	4 87	605	4 73	754	4 44										
05	533	260	0 3	693	3 46		888	479	1 48	5 39	3 15	4 95	602	4 66												
06	525	260		683	3 80		875	524	1 40	4 77	3 30	4 85	599	4 26												
07	527	266	0 4	683	4 05	0 1	873	526	1 35	4 60	3 28	4 85	594	4 26												
08	520	299	0 2	674	4 36		863	503	1 30	4 51	3 28	4 84	601	4 19	751	4 24										
09	531	295	0 2	686	4 10		875	578	1 29	5 24	3 16	4 60	592	4 50												
10	508	321	0 4	652	4 16		856	496	1 24	4 92	3 14	4 73	585	4 56	733	4 42										
11	533	217	1 0	694	3 23	0 4	891	460	1 53	5 22	3 29	5 25	603	4 99												
12	524	297	0 2	680	4 00	0 2	873	477	1 41	4 78	3 31	4 61	602	4 52	751	4 42										
13	528	360		679	4 67		869	494	1 35	4 78	3 26	4 64	598	4 42	742	4 16										
14	533	315	0 4	687	4 26		878	510	1 43	4 92	3 32	4 79	592	4 50												
15	550	210	1 1	711	3 27	0 4	898	487	1 63	5 24	3 16	547	607	5 09												
16	536	224		696	3 31	0 2	892	465	1 50	5 59	3 33	4 57	607	5 09												
17	532	304	0 3	688	4 20		878	525	1 40	5 15	3 28	4 94	593	5 09	736	5 15										
18	537	265		668	5 66		861	461	1 33	4 14	3 28	4 09	605	4 60												
19	551	205		711	3 30	0 2	907	485	1 63	5 41	3 44	5 42	605	5 33												
20	539	244	0 8	698																						

**Results of Radiosonde Observations,
MACQUARIE NOV 1962**

DAY	SURFACE			1000 MB.			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS						
	g	PRESSURE	$^{\circ}\text{C} \times 10^{-1}$	TEMPERATURE	dp	dg/kg	MIXING RATIO	gpDm	dp	dg/kg	MIXING RATIO	gpDm	dp	dg/kg	MIXING RATIO	gpDm	dp	dg/kg	MIXING RATIO	gpDm	dp	dg/kg	MIXING RATIO		
01	0.07	0.52	5.2	0.05	0.91	5.007	3.6	1.37	5.037	3.1	1.94	5.022	1.8	2.90	5.075	2.2	4.08	1.52	0.04	5.107	2.2	4.04	1.65	1.5	
02	-0.04	0.56	4.5	0.04	0.89	5.012	3.6	1.34	5.028	3.5	1.92	5.047	3.4	2.86	5.107	2.7	4.04	1.43	1.9	5.078	2.7	4.04	1.43	1.9	
03	0.00	0.41	4.0	0.00	0.86	5.005	4.0	1.52	5.01	2.6	1.81	5.043	2.2	2.85	5.078	2.7	4.04	1.43	1.9	5.082	2.4	3.97	1.32	1.6	
04	0.99	0.28	4.2	5.04	0.86	5.022	3.4	1.26	5.035	3.2	1.74	5.044	3.1	2.79	5.082	2.4	3.97	1.32	1.6	5.082	2.4	3.97	1.32	1.6	
05	0.98	0.10	3.2	5.02	0.83	5.009	1.2	1.29	5.015	1.77	5.047	5.047	0.9	2.80	5.124	0.9	3.97	1.76	5.124	0.9	3.97	1.76	5.124		
06	0.98	0.38	4.6	5.09	0.76	5.021	3.3	1.21	5.043	2.7	1.69	5.057	9.3	2.71	5.123	1.8	3.89	1.99	1.0	5.123	1.8	3.89	1.99	1.0	
07	0.98	0.30	4.6	5.10	0.75	5.020	3.6	1.21	5.050	2.8	1.68	5.078	2.4	2.71	5.140	1.6	3.87	2.21	0.6	5.078	2.4	2.71	5.140	1.6	
08	0.04	0.51	5.0	0.04	0.89	5.011	3.8	1.34	5.030	3.2	1.92	5.052	2.4	2.86	5.085	1.3	4.05	1.51	0.2	5.085	1.3	4.05	1.51	0.2	
09	0.99	0.52	4.6	5.01	0.64	5.015	3.0	1.30	5.040	2.7	1.77	5.057	2.3	2.81	5.112	0.7	3.98	1.54	1.0	5.112	0.7	3.98	1.54	1.0	
10	0.10	0.27	3.1	0.09	0.96	5.005	1.9	1.39	5.006	1.6	1.87	5.004	1.2	2.93	5.047	1.9	4.14	0.94	1.5	5.004	1.2	2.93	5.047	1.9	
11	0.98	0.59	5.8	5.15	0.72	5.042	5.5	1.20	5.022	4.8	1.69	5.007	4.0	2.74	5.055	3.0	3.94	1.29	1.9	5.055	3.0	3.94	1.29	1.9	
12	0.97	0.56	5.8	5.10	0.65	5.007	3.6	1.11	5.033	3.0	1.59	5.042	2.6	2.63	5.107	1.6	3.80	2.00	0.7	5.107	1.6	3.80	2.00	0.7	
13	0.98	0.49	4.4	5.11	0.75	5.010	3.5	1.20	5.048	2.4	1.68	5.070	1.5	2.71	5.145	0.8	3.86	2.30	0.5	5.145	0.8	3.86	2.30	0.5	
14	0.98	0.38	4.6	5.09	0.76	5.022	3.2	1.21	5.044	2.6	1.69	5.075	2.0	2.71	5.157	1.0	3.86	2.60	0.4	5.157	1.0	3.86	2.60	0.4	
15	0.00	0.48	4.1	0.01	0.86	5.030	2.6	1.31	5.044	2.2	1.78	5.074	1.5	2.83	5.075	1.4	4.01	1.51	1.3	5.075	1.4	4.01	1.51	1.3	
16	0.02	0.67	5.6	0.02	0.88	5.026	4.0	1.54	5.008	2.7	1.93	5.025	2.5	2.86	5.060	2.9	4.04	0.83	2.6	5.060	2.9	4.04	0.83	2.6	
17	0.98	0.68	5.7	5.10	0.77	5.045	5.2	1.23	5.043	5.6	1.72	5.009	4.7	2.79	5.036	5.7	4.00	1.07	2.3	5.036	5.7	4.00	1.07	2.3	
18	0.99	0.42	4.0	5.10	0.76	5.024	3.0	1.21	5.056	2.6	1.67	5.074	2.6	2.72	5.092	1.4	3.90	1.47	0.5	5.092	1.4	3.90	1.47	0.5	
19	0.99	0.50	4.4	5.05	0.80	5.025	3.0	1.25	5.065	2.4	1.72	5.099	2.0	2.74	5.155	0.8	3.89	2.44	0.3	5.155	0.8	3.89	2.44	0.3	
20	0.02	0.61	4.6	0.02	0.88	5.010	4.3	1.34	5.024	3.2	1.92	5.059	2.8	2.95	5.105	2.2	4.05	1.02	2.6	5.105	2.2	4.05	1.02	2.6	
21	0.97	0.75	6.0	5.20	0.67	5.037	5.1	1.13	5.002	4.3	1.61	5.016	3.7	2.66	5.035	0.9	3.87	1.12	0.5	5.035	0.9	3.87	1.12	0.5	
22	0.94	0.42	5.05	0.81	5.021	3.1	1.26	5.053	2.5	1.73	5.070	2.5	2.76	5.131	0.6	3.91	2.14	0.4	5.131	0.6	3.91	2.14	0.4		
23	0.98	0.67	5.2	5.17	0.70	5.025	4.7	1.16	5.000	4.1	1.64	5.023	3.5	2.69	5.086	2.3	3.87	1.61	1.1	5.086	2.3	3.87	1.61	1.1	
24	0.92	0.56	5.5	5.08	0.80	5.021	2.9	1.25	5.033	2.5	1.73	5.065	1.8	2.76	5.139	0.9	3.91	2.30	0.5	5.139	0.9	3.91	2.30	0.5	
25	0.95	0.43	4.0	5.04	0.82	5.029	7.7	1.27	5.070	2.2	1.74	5.055	2.2	2.78	5.094	3.96	1.55	5.094	3.96	1.55	5.094	3.96	1.55	5.094	3.96
26	0.90	0.61	5.3	5.24	0.62	5.011	4.2	1.07	5.020	3.6	1.55	5.055	2.9	2.59	5.111	2.1	3.76	1.82	1.2	5.111	2.1	3.76	1.82	1.2	
27	0.97	0.49	4.5	5.23	0.63	5.009	5.6	1.04	5.040	3.0	1.56	5.055	2.9	2.60	5.117	1.7	3.76	1.87	1.0	5.117	1.7	3.76	1.87	1.0	
28	0.98	0.42	4.3	5.10	0.76	5.025	3.3	1.21	5.055	2.7	1.69	5.074	2.5	2.72	5.135	1.7	3.89	2.15	0.8	5.135	1.7	3.89	2.15	0.8	
29	0.94	0.48	4.1	5.04	0.81	5.018	2.6	1.26	5.044	2.1	1.74	5.080	2.0	2.77	5.123	0.6	3.93	2.03	0.4	5.123	0.6	3.93	2.03	0.4	
30	0.14	0.53	3.5	5.01	0.12	5.06	5.051	2.6	1.41	5.022	2.3	1.89	5.007	1.6	2.95	5.040	1.1	4.15	1.33	0.9	5.040	1.1	4.15	1.33	0.9

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS			
	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dp	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dp	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dp	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dp	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dp	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dp	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dp	gpDm			
01	5.44	2.35	0.8	7.03	3.43	0.4	8.98	5.03	1.57	5.22	3.45	4.99	6.11	4.81	4.66	6.10	4.56	4.81	4.66	6.10	4.56	4.81	4.66	6.10	4.56
02	5.39	2.55	0.8	6.97	3.65	0.3	8.90	5.15	1.50	4.92	3.40	4.68	6.04	4.46	4.66	6.04	4.46	4.66	6.04	4.46	4.66	6.04	4.46	4.66	
03	5.40	2.29	0.9	7.00	3.51	0.3	8.94	5.18	1.53	4.92	3.44	4.69	6.05	4.51	4.78	7.48	4.50	9.40	4.51	7.48	4.50	9.40	4.51	7.48	4.50
04	5.34	2.24	0.8	6.93	3.50	0.3	8.97	5.15	1.50	4.80	3.40	4.63	5.37	4.68	3.28	3.26	4.50	4.35	4.50	6.06	4.46	4.50	6.06	4.46	
05	5.32	2.31	0.4	6.91	3.67	4.21	8.84	4.81	1.35	4.44	3.28	4.55	5.99	4.51	7.48	4.50	9.40	4.51	7.48	4.50	9.40	4.51	7.48	4.50	
06	5.22	3.07	0.4	6.76	4.21	4.25	8.64	4.71	1.39	4.50	3.26	4.35	5.99	4.51	7.48	4.50	9.40	4.51	7.48	4.50	9.40	4.51	7.48	4.50	
07	5.18	3.26	0.3	6.72	4.25	4.25	8.67	4.70	1.39	4.50	3.26	4.35	5.99	4.51	7.48	4.50	9.40	4.51	7.48	4.50	9.40	4.51	7.48	4.50	
08	5.40	2.45	0.3	6.99	3.79	0.3	8.90	5.04	1.50	4.90	3.40	4.63	5.37	4.68	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	
09	5.35	2.28	0.8	6.94	3.64	0.3	8.87	5.02	1.54	4.84	3.45	4.64	5.49	4.60	4.72	7.58	4.66	9.46	4.66	7.58	4.66	9.46	4.66	7.58	4.66
10	5.53	1.88</																							

Results of Radiosonde Observations,
MACQUARIE DEC., 1962

DAY	SURFACE			1000 MB.			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS								
	PRESSURE			TEMPERATURE			GEOPOTENTIAL			GEOPOTENTIAL			TEMPERATURE			GEOPOTENTIAL			TEMPERATURE			GEOPOTENTIAL					
	mb	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm																				
01	997	0.69	6.1	5.02	0.85	0.78	6.6	1.52	0.53	6.5	1.82	0.21	4.4	2.88	5.045	1.8	4.10	0.72	1.0	4.00	1.94	0.4	4.00	1.94	0.4		
02	002	0.67	5.5	0.02	0.88	0.00	4.0	1.33	5.35	1.81	5.066	2.6	2.84	5.125	0.9	4.00	1.94	0.4	4.09	1.70	0.7	4.09	1.70	0.7			
03	012	0.56	3.8	0.11	0.93	0.04	5.029	2.8	1.41	5.046	2.0	1.88	5.055	1.5	2.92	5.102	1.4	4.09	1.70	0.7	4.09	1.70	0.7	4.09	1.70	0.7	
04	009	0.66	5.0	0.08	0.93	0.04	3.5	1.39	5.026	3.3	1.87	5.041	3.1	2.91	5.085	1.7	4.10	1.28	0.6	4.10	1.28	0.6	4.10	1.28	0.6		
05	005	0.45	3.7	0.05	0.89	0.03	5.037	2.8	1.34	5.060	2.1	1.81	5.094	1.7	2.86	5.145	0.6	3.99	2.09	0.3	4.09	1.70	0.7	4.09	1.70	0.7	
06	012	0.46	3.9	0.10	0.94	0.08	2.5	1.40	5.079	1.2	1.88	5.025	2.3	2.94	5.051	1.9	4.13	1.28	0.5	4.13	1.28	0.5	4.13	1.28	0.5		
07	011	0.56	4.6	0.10	0.95	0.06	2.0	1.41	0.16	1.0	1.90	5.016	0.9	2.95	5.065	0.8	4.15	1.20	0.2	4.15	1.20	0.2	4.15	1.20	0.2		
08	010	0.62	5.2	0.09	0.95	0.24	4.1	1.41	0.76	1.3	1.91	5.035	2.1	2.99	5.017	3.8	4.20	0.98	0.3	4.20	0.98	0.3	4.20	0.98	0.3		
09	000	0.66	5.8	0.01	0.87	0.51	6.0	1.34	0.45	6.0	1.83	0.28	5.7	2.90	5.021	6.3	4.11	0.83	0.3	4.11	0.83	0.3	4.11	0.83	0.3		
10	991	0.56	4.4	5.01	0.96	5.015	3.0	1.33	0.41	1.82	5.30	1.2	2.89	5.046	1.8	4.09	1.00	0.3	4.09	1.00	0.3	4.09	1.00	0.3			
11	006	0.67	5.7	0.06	0.92	0.40	4.9	1.40	0.12	4.4	1.88	5.023	3.6	5.034	3.5	4.45	1.09	0.4	4.45	1.09	0.4	4.45	1.09	0.4			
12	003	0.61	5.5	0.03	0.89	0.34	4.8	1.35	0.27	2.9	1.84	0.11	2.91	5.029	2.6	4.12	0.76	0.3	4.12	0.76	0.3	4.12	0.76	0.3			
13	000	0.60	4.6	0.01	0.86	5.013	3.0	1.31	5.032	3.0	1.79	5.037	1.2	2.83	5.104	4.06	1.82	4.06	1.82	4.06	1.82	4.06	1.82	4.06	1.82		
14	007	0.53	4.8	0.06	0.91	5.015	3.3	1.37	5.031	2.9	1.84	5.068	2.2	2.89	5.102	4.06	1.67	4.06	1.67	4.06	1.67	4.06	1.67	4.06	1.67		
15	005	0.72	5.9	0.05	0.91	0.21	4.6	1.37	0.15	4.1	1.86	5.006	4.1	2.91	5.056	3.2	4.11	1.32	0.8	4.11	1.32	0.8	4.11	1.32	0.8		
16	009	0.50	4.2	0.08	0.93	5.027	3.8	1.38	5.005	1.0	1.83	5.033	0.8	2.87	5.062	0.9	4.07	1.22	0.3	4.07	1.22	0.3	4.07	1.22	0.3		
17	008	0.60	4.9	0.07	0.93	0.61	2.1	1.40	0.55	1.89	0.32	2.96	5.028	0.8	4.15	0.96	0.9	4.15	0.96	0.9	4.15	0.96	0.9				
18	003	0.70	6.1	0.03	0.89	0.19	4.8	1.35	5.002	4.3	1.93	5.013	4.3	2.89	5.089	2.7	4.07	1.60	0.9	4.07	1.60	0.9	4.07	1.60	0.9		
19	994	0.73	5.7	5.04	0.82	0.33	5.0	1.28	5.008	4.1	1.76	5.033	3.6	2.81	5.094	2.4	3.99	1.28	0.9	3.99	1.28	0.9	3.99	1.28	0.9		
20	985	0.61	4.6	5.07	0.79	5.008	3.1	1.24	5.042	2.4	1.72	5.075	1.8	2.75	5.140	1.2	3.90	2.37	0.6	3.90	2.37	0.6	3.90	2.37	0.6		
21	982	0.72	5.7	5.14	0.72	0.20	4.2	1.18	5.066	3.5	1.67	5.036	2.7	2.71	5.103	0.8	3.88	1.71	0.3	3.88	1.71	0.3	3.88	1.71	0.3		
22	018	0.53	4.2	0.15	1.00	5.039	2.4	1.45	5.073	2.2	1.92	5.066	2.6	2.96	5.090	1.5	4.14	1.54	0.8	4.14	1.54	0.8	4.14	1.54	0.8		
23	997	0.77	6.7	5.03	0.75	0.38	5.3	1.32	0.77	4.7	1.81	0.36	4.2	2.89	5.029	3.1	4.09	1.03	1.5	4.09	1.03	1.5	4.09	1.03	1.5		
24	999	0.50	4.4	0.01	0.86	5.027	2.6	1.51	5.056	2.0	1.78	5.091	0.9	2.80	5.160	0.5	3.94	2.54	0.3	3.94	2.54	0.3	3.94	2.54	0.3		
25	999	0.64	5.4	0.01	0.86	5.000	4.0	1.52	5.031	5.2	1.80	5.049	3.1	2.84	5.103	2.0	4.01	1.73	1.2	4.01	1.73	1.2	4.01	1.73	1.2		
26	015	0.56	3.8	0.13	0.98	5.018	2.9	1.43	5.021	5.1	1.91	5.038	3.0	2.95	5.098	0.7	4.15	1.39	0.3	4.15	1.39	0.3	4.15	1.39	0.3		
27	004	0.70	6.5	0.04	0.90	0.35	5.2	1.36	0.09	4.7	1.84	5.058	2.7	2.89	5.082	1.4	4.08	1.09	0.3	4.08	1.09	0.3	4.08	1.09	0.3		
28	001	0.71	6.3	0.02	0.88	0.20	4.9	1.54	0.05	2.1	1.85	0.21	3.2	2.89	5.057	1.6	3.79	0.95	0.1	3.79	0.95	0.1	3.79	0.95	0.1		
29	004	0.61	4.1	0.04	0.89	5.022	2.9	1.54	5.055	2.4	1.81	5.090	1.9	2.84	5.140	0.7	4.00	1.79	0.3	4.00	1.79	0.3	4.00	1.79	0.3		
30	013	0.56	3.3	0.11	0.96	5.038	1.8	1.41	5.074	1.5	1.87	5.094	0.8	2.91	5.103	0.8	4.09	1.29	0.3	4.09	1.29	0.3	4.09	1.29	0.3		
31	003	0.72	5.8	0.03	0.89	0.80	7.6	1.37	0.65	7.1	1.86	0.51	6.8	2.95	0.02	5.2	4.17	0.55	5.5	4.17	0.55	5.5	4.17	0.55	5.5		
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS					
	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg																					
01	549	1.65	0.8	7.14	2.54	0.4	9.17	4.07	1.81	5.75	3.64	5.24	6.25	5.58	7.66	4.88											
02	533	2.84	0.9	6.94	3.01	0.2	9.93	4.12	1.63	4.57	3.37	4.86	4.86	5.00	7.61	4.78											
03	544	2.76	0.6	7.01	3.65	0.2	9.94	4.93	1.58	4.78	3.48	4.80	5.15	5.00	7.61	4.86											
04	547	2.23	0.5	7.06	3.92	0.3	9.01	4.90	1.60	5.31	3.47	5.11	6.14	4.80	7.61	4.86											
05	532	2.78	0.3	6.99	3.86	0.1	8.81	4.69	1.54	4.69	3.45	4.69	4.69	5.13	7.61	4.69											
06	530	2.51	0.7	7.10	3.60	0.3	9.05	4.73	1.65	5.51	3.62	5.30	5.30	5.12	7.60	4.85											
07	532	2.10	0.5	6.97	2.99	0.3	8.97	4.20	1.64	4.54	3.45	4.52	4.52	5.16	7.61	4.86											
13	536	2.07	0.9	6.97	2.99	0.3	8.97	4.20	1.64	4.54	3.45	4.52	4.52	5.16	7.61	4.86											
14	540	2.53	0.8	6.99	3.72	0.2	8.91	5.30	1.54	5.18	3.44	4.68	4.68	5.12	7.60	4.81	9.50	4.81	9.50	4.81	9.50	4.81	9.50	4.81	9.50	4.81	
15	547	2.20	0.9																								

Results of Radiosonde Observations,
MACQUARIE JAN. 1962

2300 Hours GMT

DAY	SURFACE			1000 MB.		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS								
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	gpDm	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	gpDm	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	gpDm	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	gpDm	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	gpDm	TEMPERATURE	MIXING RATIO			
	mb	°C x 10^-1	dg/kg	gpDm	°C x 10^-1	dg/kg	gpDm	°C x 10^-1	dg/kg	°C x 10^-1	dg/kg	gpDm	°C x 10^-1	dg/kg	gpDm	°C x 10^-1	dg/kg	°C x 10^-1	dg/kg	gpDm	°C x 10^-1	dg/kg	gpDm	°C x 10^-1	dg/kg	
01	996	068	36	503	082	5014	27	124	5047	22	175	5070	13	278	5147	10	393	214	05	393	214	05	394	185	10	
02	993	067	44	505	081	5010	36	126	5025	30	174	5052	27	279	5113	10	394	185	10	393	214	05	393	214	05	
03	984	061	43	513	073	5013	28	118	5042	18	165	5070	13	253	5147	07	383	238	06	383	238	06	383	238	06	
04	995	060	36	503	082	5016	22	25	127	5055	21	174	5045	10	277	5130	04	393	195	05	393	195	05	393	195	05
05	998	057	33	500	085	5025	32	130	5062	19	178	5100	15	280	5115	08	398	160	00	398	160	00	398	160	00	
06	016	074	44	013	094	5030	26	144	5061	24	191	5051	11	295	5087	15	413	141	14	413	141	14	413	141	14	
07	994	073	45	505	081	009	37	127	5010	45	175	5039	34	280	5097	19	397	172	09	397	172	09	397	172	09	
08	015	078	56	012	098	005	36	143	5025	32	191	5027	29	297	5063	22	415	105	16	415	105	16	415	105	16	
09	014	077	55	015	028	010	41	143	5015	33	192	5000	39	298	5048	24	418	117	17	418	117	17	418	117	17	
10	006	063	50	005	091	015	45	137	5027	27	186	5022	32	293	5035	26	415	110	15	415	110	15	415	110	15	
11	996	064	38	503	083	5020	25	128	5066	22	175	5056	08	279	5102	10	397	135	15	397	135	15	397	135	15	
12	000	064	40	001	086	5010	26	131	5003	180	5026	284	5072	24	405	135	18	405	135	18	405	135	18	405	135	18
13	002	077	44	002	087	5012	31	133	5051	180	5051	284	5095	13	403	131	17	403	131	17	403	131	17	403	131	17
14	989	079	67	509	078	065	68	125	5034	57	174	5005	47	280	5038	32	400	121	15	400	121	15	400	121	15	
15	999	068	41	000	085	5015	29	131	5041	23	178	5071	16	281	5141	05	398	163	03	398	163	03	398	163	03	
16	004	072	57	004	091	081	70	138	5088	68	188	5073	62	297	5103	13	420	049	37	420	049	37	420	049	37	
17	983	081	55	013	073	026	45	119	5001	38	167	5031	33	271	5088	19	390	172	10	390	172	10	390	172	10	
18	996	059	51	020	083	5001	36	129	5019	35	179	5039	32	281	5083	25	400	150	14	400	150	14	400	150	14	
19	994	057	49	504	082	016	43	127	5017	38	176	5041	34	280	5098	22	398	141	14	398	141	14	398	141	14	
20	988	054	45	510	076	005	39	122	5030	39	170	5064	16	273	5095	20	391	152	15	391	152	15	391	152	15	
21	985	032	37	512	073	5024	31	118	5055	25	165	5090	20	267	5165	11	381	257	04	381	257	04	381	257	04	
22	999	057	41	000	085	5028	27	130	5060	24	177	5095	21	280	5157	14	395	198	09	395	198	09	395	198	09	
23	007	074	58	006	092	015	45	138	5024	40	187	5030	32	292	5155	12	412	118	20	412	118	20	412	118	20	
24	997	079	53	502	084	056	50	131	5026	42	180	5100	40	287	5105	30	407	102	18	407	102	18	407	102	18	
25	013	045	39	513	073	026	45	119	5001	38	167	5031	33	271	5088	19	390	172	10	390	172	10	390	172	10	
26	024	076	50	020	105	040	43	152	5031	42	199	5003	36	307	5105	20	427	105	11	427	105	11	427	105	11	
27	019	072	55	016	101	037	30	148	5022	38	197	5044	39	304	5104	26	427	105	11	427	105	11	427	105	11	
28	016	058	39	013	099	5025	29	144	5040	20	192	5052	09	296	5079	12	426	120	03	426	120	03	426	120	03	
29	015	068	45	015	100	5006	30	145	5045	25	194	5001	61	310	5041	42	420	124	02	420	124	02	420	124	02	
30	996	087	50	015	084	055	66	131	5044	61	180	5019	54	298	5037	42	409	095	27	409	095	27	409	095	27	
31	990	084	62	507	080	040	50	126	5005	40	174	5025	30	280	5056	21	399	142	14	399	142	14	399	142	14	

Results of Radiosonde Observations,
MACQUARIE FEB., 1962

2300 Hours GMT

DAY	SURFACE				1000 MB.				900 MILLIBARS				850 MILLIBARS				800 MILLIBARS				700 MILLIBARS				600 MILLIBARS			
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	TEMPER- ATURE dg/kg	MIXING RATIO	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	gpDm	MIXING RATIO	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	gpDm	MIXING RATIO	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	gpDm	MIXING RATIO	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	gpDm	MIXING RATIO	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	gpDm	MIXING RATIO				
01	984	083	64	513	074	065	62	121	048	58	170	010	46	276	5040	31	397	101	17	5116	12	388	192	07				
02	985	079	44	512	074	5001	39	120	5035	21	168	5056	21	272	5114	16	391	230	05	5116	12	388	192	07				
03	993	049	41	507	080	5017	34	125	5050	30	173	5071	26	276	5114	16	391	230	05	5116	06	400	235	04				
04	008	062	32	007	092	5036	20	137	5070	17	184	5103	10	285	5167	06	400	235	04	5116	06	400	235	04				
05	005	061	52	005	090	001	40	136	5014	39	184	5036	36	289	5065	32	408	125	20	5065	32	408	125	20				
06	998	061	53	503	085	019	45	130	5008	29	179	027	236	5046	405	126	405	126	405	5116	12	388	192	07				
07	982	061	45	514	071	5011	35	117	5049	29	164	5074	16	267	5130	07	383	230	05	5116	12	388	230	05				
08	989	066	37	508	078	5016	27	123	5057	25	170	5075	13	273	5141	05	389	200	03	5116	05	389	200	03				
09	988	076	59	511	075	039	51	122	015	47	170	5015	39	276	5069	25	395	144	15	5116	05	389	144	15				
10	985	080	62	512	075	033	47	121	014	39	170	5015	36	275	5080	25	394	135	17	5116	05	389	135	17				
11	999	075	49	504	087	000	35	132	5031	19	180	5050	13	284	5105	06	401	174	07	5116	06	401	174	07				
12	004	085	68	004	091	085	72	138	055	57	188	042	60	295	5016	43	417	090	24	5116	06	401	174	07				
13	004	097	55	004	091	083	54	138	085	27	188	067	19	297	015	12	419	075	11	5116	06	401	174	07				
14	020	057	39	017	102	037	20	148	025	14	197	007	10	303	5033	425	049	425	049	5116	06	401	174	07				
15	018	077	52	016	101	002	39	147	023	24	195	010	11	302	5030	422	080	13	422	080	13	5116	06	401	174	07		
16	020	081	58	017	103	060	55	150	040	50	199	045	50	303	015	32	430	065	09	5116	06	401	174	07				
17	013	088	54	011	097	020	41	145	077	37	194	048	43	302	5007	38	425	030	30	5116	06	401	174	07				
18	010	083	61	009	096	097	64	144	126	19	194	106	60	304	027	427	021	427	021	5116	06	401	174	07				
19	013	084	61	011	098	029	44	144	023	41	193	065	16	302	009	424	064	424	064	5116	06	401	174	07				
20	011	067	555	009	095	068	64	137	054	62	192	042	53	300	5009	41	422	072	32	5116	06	401	174	07				
21	991	086	62	507	080	086	71	127	055	60	177	024	27	296	020	408	064	408	064	5116	06	401	174	07				
22	987	077	552	510	076	005	30	122	5024	23	170	5050	12	273	5125	05	390	188	20	5116	06	401	174	07				
23	004	077	551	004	096	015	38	136	012	57	185	000	30	291	5040	30	412	076	20	5116	06	401	174	07				
24	006	092	500	006	092	045	52	130	023	47	188	5014	37	294	5055	20	415	114	12	5116	06	401	174	07				
25	987	077	511	511	076	005	36	121	5024	31	169	5055	25	273	5131	14	388	217	05	5116	06	401	174	07				
26	005	075	43	005	090	5021	29	135	5053	25	183	5089	19	285	5130	05	412	166	13	5116	06	401	174	07				
27	006	078	59	005	092	050	48	130	5075	37	186	5030	31	291	5036	17	412	091	24	5116	06	401	174	07				
28	001	075	58	002	088	045	53	135	068	34	185	086	294	013	415	078	15	415	078	15	5116	06	401	174	07			

DAY	500 MILLIBARS				400 MILLIBARS				300 MILLIBARS				200 MILLIBARS				150 MILLIBARS				100 MILLIBARS				80 MILLIBARS				60 MILLIBARS				
	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	TEMPER- ATURE dg/kg	MIXING RATIO	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	gpDm	MIXING RATIO	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	gpDm	MIXING RATIO	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	gpDm	MIXING RATIO	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	gpDm	MIXING RATIO	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	gpDm	MIXING RATIO	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	gpDm	MIXING RATIO					
01	535	194	08	697	316	03	895	463	161	431	44	337	451	348	488	614	484	761	481	757	451	757	451	757	451	757	451	757	451	757	451	757	451
02	522	169	02	680	384	871	463	144	431	421	355	445	455	355	455	605	458	754	462	754	462	754	462	754	462	754	462	754	462	754	462	754	462
03	523	314	04	577	429	868	447	142	422	355	445	455	355	455	605	458	754	462	754	462	754	462	754	462	754	462	754	462	754	462	754	462	
04	531	303	05	687	386	884	415	157	440	349	471	471	349	471	617	473	754	473	754	473	754	473	754	473	754	473	754	473	754	473	754	473	
05	545	199	05	707	325	903	476	167	501	356	495	516	516	495	619	531	761	532	946	502	761	532	946	502	761	532	946	502	761	532	946	502	
06	542	215	05	703	324	03	899	480	159	554	344	525	508	497	608	509	761	532	946	502	761	532	946	502	761	532	946	502	761	532	946	502	
07	515	298	07	670	424	010	927	409	190	595	371	536	536	536	554	773	546	959	516	773	546	959	516	773	546	959	516	773	546	959	516		
08	522	288	04	678	404	04	925	464	183	601	357	533	533	533	554	774	519	957	523	774	519	957	523	774	519	957	523	774	519	957	523		
09	531	236	07	690	343	03	884	492	145	517	332	510	517	517	597	777	548	961	534	777	548	961	534	777	548	961	534	777	548	961	534		
10	530	230	09	690	343	03	885	492	144	508	332	503	503	503	598	774	546	959	523	774													

Results of Radiosonde Observations,
MACQUARIE MARCH, 1962

DAY	SURFACE			1000 MB.			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS							
	mb	PRESSURE	TEMPERATURE	°C × 10⁻¹	dg/kg	gpDm	GEOPOTENTIAL	TEMPERATURE	°C × 10⁻¹	dg/kg	gpDm	GEOPOTENTIAL	TEMPERATURE	°C × 10⁻¹	dg/kg	gpDm	GEOPOTENTIAL	TEMPERATURE	°C × 10⁻¹	dg/kg	gpDm	GEOPOTENTIAL	TEMPERATURE	°C × 10⁻¹	dg/kg	
01	993	0.89	5.7	5.05	0.81	0.04	3.6	12.6	50.27	5.4	17.4	50.15	5.2	28.0	50.44	1.6	4.00	0.94	4.00	2.9	3.90	1.38	1.5			
02	990	0.82	5.5	5.08	0.79	0.41	4.3	12.5	50.15	5.5	17.4	50.02	5.2	28.0	50.64	2.9	3.90	1.38	4.00	2.5	3.94	1.52	1.6			
03	988	0.80	5.0	5.09	0.77	0.03	3.5	12.3	50.25	5.0	17.1	50.34	5.2	27.5	50.85	2.5	3.94	1.52	4.00	2.3	3.93	1.60	1.0			
04	990	0.70	4.9	5.08	0.78	0.10	3.0	12.4	50.30	2.5	17.2	50.50	2.5	27.5	51.21	1.3	3.93	1.60	4.00	2.2	4.00	1.58	1.3			
05	997	0.69	5.4	5.02	0.84	0.05	3.9	13.0	50.15	5.7	17.8	50.40	5.1	28.2	50.88	2.2	4.00	1.58	4.00	2.0	4.00	1.97	0.5			
06	0.02	0.70	4.9	5.02	0.87	0.00	3.5	13.3	50.43	3.0	18.0	50.60	2.2	28.4	51.03	0.7	4.00	1.97	4.00	1.97	4.00	1.97	0.5			
07	0.19	0.65	4.7	5.01	1.1	0.16	3.6	14.6	50.26	5.3	19.4	50.55	1.8	29.8	50.77	4.17	1.49	4.17	1.49	4.17	1.49	1.49	0.5			
08	0.24	0.56	4.0	5.02	1.04	0.00	3.3	15.0	50.29	1.0	19.9	50.17	3.0	30.6	50.31	1.0	4.25	1.05	1.7	4.25	1.05	1.7	1.0	0.5		
09	0.09	0.72	5.3	5.08	0.95	0.57	4.0	14.2	50.57	4.4	19.0	50.53	1.9	29.9	51.15	1.6	4.21	0.70	1.0	4.21	0.70	1.0	1.0	0.5		
10	0.01	0.71	4.5	5.10	0.95	0.51	3.4	14.2	50.34	3.0	19.1	50.17	2.0	29.8	50.11	4.20	0.57	4.20	0.57	4.20	0.57	0.57	0.5			
11	0.12	0.82	5.2	5.20	0.94	0.44	4.4	14.3	50.53	1.2	19.3	50.49	1.9	31.0	50.21	2.7	4.21	0.79	1.9	4.21	0.79	1.9	1.9	0.5		
12	0.04	0.62	5.5	5.04	0.89	0.10	4.2	13.5	50.55	3.9	18.4	50.24	3.4	28.9	50.76	2.2	4.07	1.38	4.07	1.38	4.07	1.38	0.5			
13	0.10	0.78	4.7	5.09	0.94	0.17	3.2	14.0	50.38	1.6	19.7	50.53	2.9	29.1	50.74	4.12	1.00	1.6	4.12	1.00	1.6	1.6	0.5			
14	0.22	0.75	5.0	5.01	1.08	0.25	4.5	15.0	50.05	5.6	19.8	50.25	3.6	30.4	50.56	2.6	4.24	1.13	1.0	4.24	1.13	1.0	1.0	0.5		
15	0.07	0.91	5.0	5.06	0.93	0.14	3.7	13.8	50.24	3.3	18.7	50.05	2.9	29.4	50.35	2.8	4.14	1.20	1.8	4.14	1.20	1.8	1.8	0.5		
16	0.07	0.49	3.9	5.07	0.92	5.04	2.2	13.6	50.91	2.0	19.4	50.56	0.7	29.8	50.55	1.3	4.08	1.28	1.1	4.08	1.28	1.1	1.1	0.5		
17	0.06	0.51	4.0	5.05	0.90	5.00	1.9	13.5	50.20	1.0	19.4	50.36	2.8	28.8	50.97	1.5	4.06	1.58	1.9	4.06	1.58	1.9	1.9	0.5		
18	0.97	0.74	5.4	5.02	0.84	0.04	3.7	13.0	50.24	3.2	17.7	50.54	2.8	28.2	50.90	0.9	3.99	1.77	0.7	3.99	1.77	0.7	0.7	0.5		
19	0.82	0.54	4.5	5.02	0.71	5.00	3.7	11.7	50.23	3.3	15.5	50.54	2.8	26.8	51.21	1.8	3.85	2.01	0.9	3.85	2.01	0.9	0.9	0.5		
20	0.99	0.69	5.0	5.01	0.85	0.04	4.1	13.1	50.17	3.7	17.9	50.30	3.4	28.4	50.72	2.5	4.03	1.30	1.2	4.03	1.30	1.2	1.2	0.5		
21	0.99	0.92	7.1	5.09	0.73	0.56	6.2	12.5	50.30	5.6	17.4	50.10	5.0	29.0	50.50	3.4	3.93	1.34	0.7	3.93	1.34	0.7	0.7	0.5		
22	0.03	0.76	5.5	5.03	0.89	0.23	3.4	13.5	50.14	2.7	18.3	50.35	2.1	29.7	50.94	1.5	4.05	1.76	1.3	4.05	1.76	1.3	1.3	0.5		
23	0.98	0.69	5.1	5.01	0.85	0.07	4.0	13.0	50.43	2.9	17.8	50.53	1.8	29.1	51.39	0.9	3.97	2.18	0.4	3.97	2.18	0.4	0.4	0.5		
24	0.07	0.39	4.1	5.06	0.91	5.02	3.1	13.5	50.54	2.7	18.3	50.60	2.8	28.7	50.85	2.5	4.05	1.80	1.1	4.05	1.80	1.1	1.1	0.5		
25	0.20	0.57	3.3	5.17	1.01	5.04	2.3	14.6	50.81	1.8	19.3	50.93	0.6	29.6	51.20	4.13	1.75	4.13	1.75	4.13	1.75	1.75	0.5			
26	0.99	0.67	5.5	5.00	0.86	0.15	4.5	13.2	50.07	5.7	18.1	50.00	1.1	29.6	50.80	0.7	4.05	1.11	0.6	4.05	1.11	0.6	0.6	0.5		
27	0.05	0.78	5.7	5.05	0.92	0.58	6.1	13.9	50.56	2.9	18.8	50.41	4.0	29.6	50.24	3.6	4.17	0.91	1.1	4.17	0.91	1.1	1.1	0.5		
28	0.95	0.73	6.2	5.05	0.82	0.54	6.2	12.9	50.27	4.7	17.8	50.27	3.9	29.5	50.24	2.8	4.06	0.99	2.0	4.06	0.99	2.0	2.0	0.5		
29	0.02	0.64	4.2	5.02	0.88	5.02	3.1	13.4	50.14	2.2	18.2	50.11	2.2	28.8	50.64	2.2	4.03	1.05	1.3	4.03	1.05	1.3	1.3	0.5		
30	0.04	0.71	4.3	5.00	0.90	5.015	3.0	13.5	50.52	2.5	18.2	50.80	1.2	29.5	51.54	0.9	3.95	2.46	0.9	3.95	2.46	0.9	0.9	0.5		
31	0.14	0.81	5.2	5.12	0.92	0.21	4.1	14.4	50.12	3.3	19.2	50.43	3.1	29.8	50.59	1.3	4.16	1.45	1.45	4.16	1.45	1.45	1.45	0.5		
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS				
	geopotential	temp	atm	geopotential	temp	atm	geopotential	temp	atm	geopotential	temp	atm	geopotential	temp	atm	geopotential	temp	atm	geopotential	temp	atm	geopotential	temp	atm		
01	701	322	0.2	898	456	162	514	349	528	612	517	757	514	944	514	757	514	509	514	944	514	944	514	514	0.5	
02	696	322	0.5	893	469	155	509	342	501	608	486	754	500	500	500	754	500	500	500	500	500	500	500	500	0.5	
03	246	0.8	688	358	0.2	892	449	150	454	340	402	608	482	754	500	500	500	754	500	500	500	500	500	500	500	0.5
04	527	2.4	688	358	0.2	879	451	153	429	346	480	610	519	756	501	501	501	756	501	501	501	501	501	501	501	0.5
05	535	25.1	693	372	0.2	887	458	160	435	346	455	619	511	764	533	533	533	764	533	533	533	533	533	533	533	0.5
06	533	2.9	689	40.0	0.2	883	420	155	46.6	346	455	613	510	758	506	506	506	758	506	506	506	506	506	506	506	0.5
07	553	21.2	714	327	0.5	910	481	169	54.3	346	455	613	510	758	506	506	506	758	506	506	506	506	506	506	506	0.5
08	564	1.94	726	30.5	0.5	925	457	185	53.2	346	512	615	522	754	532	532	532	754	532	532	532	532	532	532	532	0.5
09	561	14.0	727	2.4	9.0	930	391	197	52.4	344	512	617	522	754	532	532	532	754	532	532	532	532	532	532	532	0.5
10	560	1.59	656	2.5	92.5	927	42.2	19.0	57.3	347	512	628	559	759	537	537	537	759	537	537	537	537	537	537	537	0.5
11	560	1.73	724	2.88	0.5	924	44.0	185	51.7	347	512	621	557	762	567	567	567	762	567	567	567	567	567	567	567	0.5
12	543	2.31	703	3.53	0.2	897	47.7	167	50.7	345	514	613	529	757	532	532	532	757	532	532	532	532	532	532	532	0.5
13	551	1.82	653	3.04	0.2	912	44.2	174	51.7	345	512	611	537	755	529	529	529	755	52							

Results of Radiosonde Observations,
MACQUARIE APRIL, 1962

2300 Hours GMT

DAY	SURFACE			1000 MB.		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg														
01	0.20	0.67	4.3	0.17	1.02	5.024	2.5	1.48	5.034	2.4	1.95	5.057	1.9	2.99	5.130	1.3	4.15	1.98	1.0	
02	0.09	0.80	5.9	0.08	0.94	0.48	5.7	1.41	0.36	5.5	1.90	0.09	4.8	2.97	5.040	3.6	4.17	1.07	2.0	
03	0.01	0.61	4.6	0.00	0.86	5.026	2.7	1.31	5.026	1.0	1.79	5.048	2.84	5.078	2.3	4.02	1.50	1.6		
04	0.17	0.56	2.6	0.15	0.99	5.047	2.3	1.34	5.007	1.0	1.93	5.010	1.0	2.98	5.058	1.4	4.17	1.35	0.9	
05	0.13	0.53	4.3	0.11	0.96	0.45	1.9	1.43	0.46	1.7	1.92	0.14	3.8	2.99	5.020	2.6	4.20	0.95	2.2	
06	0.01	0.73	5.9	0.00	0.87	0.18	4.7	1.34	5.002	4.0	1.81	0.00	2.6	2.88	5.034	1.2	4.09	0.88		
07	9.88	0.58	4.7	5.10	0.76	5.004	2.6	1.21	5.040	2.4	1.69	5.069	1.8	2.72	5.152	1.1	3.87	2.09	0.9	
08	0.07	0.31	2.8	0.06	0.90	5.050	2.4	1.35	5.082	2.1	1.82	5.111	1.8	2.85	5.099	2.0	4.03	1.50	1.5	
09	9.90	0.65	5.7	5.09	0.78	5.003	4.0	1.23	5.025	3.5	1.72	5.026	3.7	2.77	5.064	3.0	3.97	1.24	2.0	
10	9.77	0.25	4.6	5.20	0.66	5.011	3.5	1.12	5.046	2.7	1.59	5.076	2.3	2.67	5.146	1.3	3.77	2.27	0.7	
11	9.85	0.41	4.2	5.13	0.73	5.025	1.9	1.18	5.062	1.9	1.66	5.095	1.5	2.67	5.174	0.7	3.81	2.60	0.3	
12	9.87	0.50	4.2	5.11	0.75	5.024	2.4	1.20	5.064	1.7	1.67	5.097	1.3	2.59	5.173	0.6	3.83	2.65	0.4	
13	9.88	0.16	4.1	5.10	0.75	5.041	2.5	1.20	5.075	2.0	1.67	5.011	1.7	2.59	5.176	1.0	3.82	2.65	0.5	
14	0.03	0.44	3.0	0.03	0.87	5.050	2.1	1.32	5.091	1.8	1.78	5.111	1.3	2.82	5.126	1.3	3.99	1.39	1.8	
15	0.04	0.53	4.8	0.05	0.89	0.62	4.6	1.36	0.44	5.9	1.86	0.43	6.6	2.93	5.020	4.6	4.15	0.85	3.0	
16	9.89	0.72	6.4	5.08	0.78	0.37	5.6	1.25	0.36	5.9	1.74	0.11	51	2.80	5.048	3.5	4.01	1.05	2.4	
17	9.93	0.46	3.6	5.05	0.78	5.032	2.4	1.24	5.070	2.0	1.69	5.099	1.2	2.73	5.156	0.6	3.88	2.22		
18	9.92	0.63	5.4	5.06	0.80	0.05	4.1	1.26	5.026	3.5	1.74	5.037	3.2	2.78	5.097	2.2	3.96	1.61	1.4	
19	9.96	0.45	3.6	5.03	0.82	5.033	4.0	1.27	5.065	1.8	1.74	5.100	2.7	2.79	5.115	1.3	3.94	1.95	0.4	
20	0.05	0.60	5.0	0.04	0.90	5.005	4.0	1.35	5.035	3.4	1.83	5.061	2.7	2.87	5.076	1.6	4.06	1.51	0.7	
21	0.07	0.61	4.4	0.06	0.91	0.10	0.9	1.36	5.022	1.84	5.055	2.88	5.065	0.8	4.08	1.14	0.7			
22	0.01	0.74	6.2	0.01	0.87	0.51	6.1	1.34	0.20	5.1	1.83	5.004	4.3	2.89	5.027	1.0	4.10	0.95	0.8	
23	0.03	0.47	4.7	0.04	0.88	5.025	3.5	1.34	5.051	3.0	1.81	5.078	2.4	2.84	5.154	1.3	3.99	2.52	0.6	
24	0.00	0.74	6.0	0.01	0.87	0.22	4.6	1.34	5.009	3.8	1.82	5.035	3.1	2.87	5.101	1.1	4.04	1.59	0.6	
25	0.16	0.46	4.3	0.14	0.90	0.20	4.8	1.45	5.010	3.9	1.94	5.005	3.5	2.99	5.044	3.7	4.15	1.20	0.0	
26	0.02	0.78	6.5	0.03	0.90	0.62	6.5	1.57	0.44	5.16	0.22	5.080	11	2.84	5.151	0.7	3.99	2.27	0.6	
27	0.04	0.64	3.0	0.04	0.89	5.023	3.0	1.34	5.042	2.1	1.82	5.080	11	2.84	5.151	0.7	3.99	2.27	0.6	
28	0.12	0.59	4.8	0.11	0.96	5.017	3.0	1.41	5.036	2.3	1.89	5.045	1.6	2.94	5.065	2.0	4.15	1.19	1.2	
29	0.00	0.72	6.3	0.01	0.87	0.55	6.2	1.54	0.25	5.2	1.83	0.00	4.6	2.88	5.065	3.1	4.08	1.31	1.6	
30	0.11	0.35	3.7	0.10	0.94	5.026	2.8	1.59	5.066	1.5	1.87	5.023	0.9	2.92	5.081	1.7	4.11	1.34		

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS		
	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg																					
01	5.49	2.75	0.4	7.06	3.93	0.2	8.98	5.31	1.54	5.36	3.39	5.35	6.01	5.15	7.46	5.01	9.34	5.03						
02	5.55	1.96	0.9	7.17	3.27	0.2	9.12	4.94	1.68	6.34	3.47	5.70	5.98	5.18	7.42	5.36								
03	5.39	2.01	1.2	7.01	3.14	0.5	8.98	4.80	1.55	5.55	3.38	5.55	6.10	5.66	7.52	5.50								
04	5.54	2.22	0.4	7.14	3.36		9.09	5.10	1.70	5.72	3.52	5.85	6.16	5.66	7.58	5.58								
05	5.60	1.80		7.22	3.09		9.21	4.59	1.80	6.18	3.59	5.79	6.16	5.60	7.58	5.58								
06	5.47	1.90		7.09	5.20		9.06	4.81	1.65	5.64	3.48	5.42	6.08	5.47	7.51	5.40								
07	5.19	2.76	0.5	6.76	3.86		8.70	4.52	1.40	4.69	3.30	4.64	5.97	5.04	7.41	5.07	9.30	5.63						
08	5.39	2.30	0.8	6.99	3.41	0.3	8.94	4.96	1.53	5.51	3.37	5.44	5.98	5.32	7.43	5.24	9.28	5.48						
09	5.34	2.05	1.1	6.97	3.08	0.5	8.95	4.60	1.54	5.02	3.37	5.27	5.97	5.56	7.39	5.58								
10	5.10	2.92	0.4	6.65	3.75		8.62	4.55	1.34	4.58	3.23	4.73	5.03	5.83	7.27	5.51								
11	5.10	3.71	0.2	6.61	4.61		8.49	5.13	1.16	4.67	3.08	4.73	5.30	5.89	7.29	5.89								
12	5.11	3.70	0.2	6.62	4.81		8.49	5.09	1.17	4.74	3.07	4.73	5.30	5.91	7.48	5.91	9.28	5.84						
13	5.12	3.44	0.3	6.64	4.56		8.51	4.83	1.22	4.60	3.13	4.81	5.31	5.89	7.29	5.89								
14	5.35	1.90	1.2	6.97	3.26	0.4	8.92	4.92	1.49	6.09	3.32	5.54	6.08	5.97	7.48	5.91								
15	5.54	1.61	1.1	7.17	3.03	0.5	9.16	4.56	1.74	6.14	3.54	5.85	6.08	5.97	7.51	5.40	9.34							

**Results of Radiosonde Observations,
MACQUARIE MAY, 1962**

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS			
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	
01	012	051	46	011	095	5008	27	141	031	194	009	33	297	5040	15	418	098	13		
02	001	061	52	001	087	5005	45	132	022	37	5055	25	284	5100	19	402	165	14		
03	992	054	46	005	080	5011	34	125	034	33	5049	30	277	5113	19	394	193	07		
04	995	034	31	004	081	5049	23	125	028	19	5125	15	273	5183	04	386	269	02		
05	972	064	53	022	063	005	39	109	022	34	5060	26	260	5116	12	376	200	04		
06	968	036	35	026	059	5023	28	105	054	24	5152	20	254	5150	09	369	215	05		
07	990	030	32	050	088	5047	25	122	065	24	5159	14	271	5179	10	384	258	06		
08	993	023	34	005	080	5051	23	124	081	22	5110	14	273	5181	07	587	245	03		
09	993	042	45	005	080	5034	25	125	059	26	5067	16	276	5104	13	395	115	14		
10	994	042	35	005	080	5033	26	125	065	21	5173	13	275	5114	14	393	149			
11	998	057	54	001	085	047	7	132	050	60	5181	022	298	5032	41	409	106	26		
12	999	062	55	001	085	012	46	131	011	48	5011	44	286	5065	32	405	127	19		
13	005	061	58	004	091	045	58	137	011	47	5166	38	291	5036	20	411	090	23		
14	006	084	66	006	092	050	58	139	025	60	5188	025	294	5048	33	414	115	12		
15	001	071	64	001	087	044	55	134	027	55	5105	005	299	5065	32	409	137	16		
16	991	071	54	008	080	057	62	127	030	56	5165	003	298	5068	26	400	145	17		
17	989	052	46	009	077	5019	26	122	053	21	5170	000	292	5156	01	387	235	05		
18	999	042	44	001	085	5009	33	131	053	27	5179	20	291	5139	14	397	210	02		
19	000	033	39	001	085	5036	31	130	051	24	5177	15	291	5117	06	393	150			
20	015	064	52	013	099	039	54	145	009	45	5144	39	294	5048	33	414	134	09		
21	018	067	52	016	102	060	65	149	025	53	5198	014	293	5079	26	421	135	06		
22	020	052	52	017	103	045	49	149	023	54	5108	002	294	5066	22	422	141			
23	012	056	54	011	097	026	40	145	022	43	5104	29	297	5059	13	415	132			
24	011	058	57	009	095	035	53	141	016	47	5165	39	295	5077	25	414	145	14		
25	005	056	57	005	091	036	515	137	019	45	5165	29	291	5074	12	410	146			
26	002	036	44	002	087	5001	31	133	016	11	5181	522	287	5075	21	405	160	12		
27	014	032	39	012	096	5050	16	141	053	30	5189	24	294	5074	11	413	165	11		
28	018	032	42	015	102	077	16	140	039	19	5107	004	10	5064	09	422	141	11		
29	021	045	44	018	104	065	19	151	035	18	5000	015	305	5078	08	424	141			
30	009	048	53	008	094	060	24	140	040	12	5199	004	10	5062	12	414	129	06		
31	004	024	44	004	089	025	21	135	011	11	5184	004	11	5020	22	410	100			

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS		
	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg																					
01	556	196	08	718	302	03	916	447	177	619	352	634	601	617										
02	537	251	08	697	341	04	892	478	578	534	540	580	547											
03	528	263	07	685	385	02	875	542	135	565	320	543	517	566	549	710	538							
04	515	365	01	656	450	084	854	534	118	498	308	494	571	538	714									
05	509	276		667	369		860	507	119	511	305	517	566	549	710	538								
06	502	305	02	656	435	046	846	514	112	472	302	479	568	518	713	541								
07	514	350	03	667	446		855	536	118	407	307	494	571	526	714	541								
08	518	320	04	671	455		859	546	122	506	309	519	571	536	715	539	900	548						
09	532	211	08	693	307		891	474	147	636	325	600	578	587	719	577								
10	529	223		689	346		884	490	142	586	323	591	576	623										
11	547	194	12	709	295	04	907	467	164	672	337	658	587	619										
12	542	219	09	702	344	03	998	484	155	617	334	587	588	602										
13	550	182	13	713	306	05	910	479	165	706	338	633	592	629										
14	551	214	11	713	325	05	901	494	164	654	342	591	597	598	738	559								
15	545	225	06	707	338	02	900	505	155	595	339	540	598	559										
16	536	225	05	695	343	02	901	504	148	567	321	533	593	530										
17	518	339	01	671	447		861	508	127	442	318	474	585	490	732	480	921	519						
18	533	256		692	365		884	538	156	605	316	572	574	574										
19	530	296	05	685	428		872	579	127	551	320	569	577	554	723	470	910	495						
20	554	234		713	369	03	903	521	158	578	344	625	594	592										
21	558	236	03	717	359		910	510	165	640	342	601	595	604	734	591	915	598						
22	559	225		718	364		911	523	163	640	342	601	595	581										

Results of Radiosonde Observations,
MACQUARIE JUNE 1962

DAY	SURFACE			1000 MB.		900 MILLIBARS		850 MILLIBARS		800 MILLIBARS		700 MILLIBARS		600 MILLIBARS			
	mb	PRESSURE $^{\circ}\text{C} \times 10^{-1}$	TEMPER- ATURE dg/kg	MIXING RATIO gpDm	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO gpDm	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	
01	0.08	0.14	2.9	0.08	0.91	5075	2.1	136	5034	0.9	194	5004	1.7	290	5037	1.7	410
02	0.05	0.32	4.2	0.05	0.94	5042	2.8	135	5010	1.2	194	5012	1.5	291	5036	1.5	411
03	9.98	0.40	4.9	5.01	0.84	0.16	4.8	129	5011	3.4	179	0.21	1.4	285	0.45	0.9	405
04	9.86	0.52	5.6	5.11	0.75	0.30	4.8	121	0.01	4.4	170	5030	3.8	274	5055	3.3	395
05	9.83	0.54	5.7	5.13	0.74	0.27	5.2	121	0.2	4.6	168	5025	4.0	273	5075	3.1	392
06	9.90	0.49	4.4	5.08	0.77	5012	3.9	123	5034	3.5	170	5060	2.0	274	5100	0.7	392
07	9.95	0.46	5.4	5.04	0.81	0.00	4.2	127	5024	3.8	175	5026	2.8	280	5090	0.7	397
08	9.90	0.61	5.6	5.08	0.78	0.21	4.5	124	5013	3.6	172	5050	3.0	275	5110	1.5	394
09	9.95	0.44	4.4	5.04	0.81	0.25	3.3	127	5051	2.8	174	5070	2.0	275	5145	1.3	391
10	0.01	0.09	2.6	0.02	0.85	5070	2.0	129	5109	1.8	176	5149	1.3	290	5209	0.4	388
11	0.05	0.33	3.9	0.04	0.89	5029	3.1	134	5063	2.5	181	5081	2.3	284	5130	1.8	400
12	0.05	0.28	4.1	0.04	0.89	5019	3.3	134	5040	2.6	182	5053	1.7	285	5080	0.8	404
13	0.06	0.57	5.2	0.05	0.91	0.26	4.7	137	0.00	2.8	185	5007	2.1	291	5091	1.9	408
14	9.94	0.56	5.0	5.05	0.81	0.12	3.9	127	5012	1.7	175	5032	2.9	290	5030	2.4	393
15	9.86	0.53	5.0	5.11	0.74	0.00	3.9	120	5011	2.6	168	5024	1.1	273	5074	1.2	391
16	9.79	0.58	4.6	5.17	0.69	0.07	2.8	115	5026	3.0	163	5039	1.3	262	5110	0.7	384
17	9.87	0.41	4.0	5.11	0.68	5032	2.8	120	5050	2.6	167	5084	2.5	269	5133	1.5	385
18	9.84	0.47	5.4	5.11	0.74	0.22	3.1	120	5007	1.8	168	5005	2.0	273	5072	1.2	392
19	9.74	0.56	4.4	5.21	0.64	5017	2.8	110	5041	2.4	157	5095	2.0	255	5162	0.6	373
20	9.80	0.45	5.4	5.17	0.70	0.00	4.2	115	5010	3.9	164	5035	3.2	268	5104	2.0	385
21	9.78	0.32	3.0	5.19	0.67	5034	2.0	112	5076	1.5	159	5120	1.2	261	5159	0.4	376
22	9.76	0.29	3.4	5.20	0.66	5036	2.3	111	5074	1.7	158	5110	1.2	260	5194	0.5	373
23	9.98	0.32	5.2	502	0.83	5055	2.2	128	5000	1.8	174	5120	1.5	275	5111	0.8	388
24	0.06	0.07	2.1	0.05	0.88	5102	1.5	132	5111	0.9	179	5056	3.2	284	5110	1.3	401
25	9.99	0.44	4.8	0.00	0.86	0.00	4.2	132	5023	3.8	180	5050	3.4	293	5180	2.6	401
26	0.00	0.21	4.0	0.01	0.85	5029	3.2	131	5030	4.5	178	5045	3.4	293	5150	0.8	408
27	0.15	0.39	3.6	0.13	0.91	5019	3.1	143	5041	2.7	191	5074	1.4	293	5022	2.5	411
28	0.08	0.63	5.3	0.07	0.72	0.05	4.0	138	0.29	11	187	0.11	14	293	5069	1.2	157
29	9.95	0.50	5.0	5.05	0.81	0.15	4.8	129	0.00	4.4	175	5020	4.0	280	5112	1.5	393
30	9.92	0.34	4.9	5.05	0.80	5004	4.1	125	5016	4.0	174	5037	3.6	277	5112	1.5	394
DAY	500 MILLIBARS			400 MILLIBARS		300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO gpDm	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO gpDm	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO gpDm	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$
01	547	218	0.6	707	325	901	507	156	672	335	570	594	542	737	544		
02	547	231	0.6	708	349	902	503	157	596	339	552	600	527	744	539		
03	542	223	702	342	0.2	897	495	152	575	335	542	595	537				
04	531	235	0.7	691	353	895	514	144	528	330	523	592	525	736	541		
05	527	247	0.7	686	367	879	506	139	530	326	510	587	543				
06	524	277	0.3	680	416	868	567	128	522	314	524	575	541	718	564		
07	531	276	688	395	877	586	131	545	316	541	575	558	717	564			
08	525	298	0.3	680	432	868	559	128	524	313	542	572	554	714	573		
09	522	348	0.3	674	458	862	530	125	515	310	541	569	565				
10	516	375	667	449	857	506	122	499	310	515	570	563	712	559			
11	513	280	0.5	690	384	881	544	133	594	315	556						
12	538	268	0.5	695	390	866	550	136	635	316	589	572	571	712	588		
13	543	248	0.5	701	383	891	559	139	709	314	618	566	591	706	597		
14	533	259	0.6	690	376	882	548	134	631	314	581	569	572	710	579	891	599
15	527	234	0.4	686	370	878	525	133	595	316	574	572	576				
16	518	281	0.3	675	370	868	524	122	566	306	544	565	563				
17	519	274	0.2	675	385	867	509	125	581	307	582						
18	528	245	0.7	686	357	880	525	134	591	314	592	568	501	707	621	883	669
19	503	360	655	451	844	523	102	561	287	531	544	598					
20	519	292	0.5	674	427	860	614	113	574	277	549	556	551				
21	507	325	0.2	651	452	847	597	101	571	294	556	541	573	681	611		
22	501	397	652	451	842	509	105	514	291	541	550	553					
23	517	365	0.3	668	485	855	504	114	565	298	560	554	585				
24	532	265	0.6	690	375	881	542	130	701	305	612	557	600	697	592	876	610
25	535	255	0.7	693	391	893	546	133	662	313	578	568	580				
26	535	260	0.7	693	377	884	549	134	636	313	580	568	593				
27	540	303	695	431	893	569	134	631	311	583	568	564					
28	547	239	0.3	708	350	900	523	149	733	320	672	567	624	704	637		
29	535	249	0.6	693	378	885	554	137	595	320							
30	527	302	0.4	682	457	870	567	125	552	309	562						

**Results of Radiosonde Observations,
MACQUARIE JULY 1962**

2300 Hours GMT

DAY	SURFACE				1000 MB.		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS						
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg																			
01	991	0.28	5.2	5.07	0.77	5.054	2.1	1.22	5.089	1.8	1.69	5.054	2.1	1.22	5.115	1.4	3.67	2.45	0.2						
02	977	0.49	5.5	5.19	0.67	4.016	4.8	1.13	5.010	4.1	1.52	4.66	5.111	2.0	3.83	1.80	1.0								
03	971	0.21	4.1	5.24	0.61	5.043	2.8	1.06	5.071	2.4	1.53	5.081	2.3	2.55	5.162	1.3	3.69	2.51	0.7						
04	992	5.004	1.9	5.06	0.77	5.080	1.4	1.21	5.120	1.2	1.57	5.164	1.0	2.67	5.221	0.4	3.80	2.40							
05	0.01	0.52	3.8	0.005	0.86	5.046	2.4	1.30	5.060	2.1	1.78	5.082	2.3	2.80	5.122	2.0	3.95	2.01	0.9						
06	998	0.39	5.1	5.01	0.84	5.039	2.1	1.28	5.078	1.7	1.75	5.115	1.4	2.77	5.164	0.4	3.91	2.50							
07	970	0.27	4.0	5.07	0.77	5.030	3.2	1.22	5.054	2.6	1.70	5.079	2.0	2.72	5.156	1.1	3.87	2.45	0.5						
08	0.27	0.31	3.1	0.21	1.05	5.066	2.3	1.50	5.050	1.5	1.98	5.056	3.3	2.02	5.101		4.19	1.77	0.6						
09	0.29	0.46	4.0	0.24	1.04	5.074	3.8	1.54	5.020	2.4	2.02	5.018	1.0	3.07	5.091		4.25	1.78	1.2						
10	0.35	0.40	3.9	0.27	1.12	0.61	1.3	1.59	0.29	2.07	0.02	3.14	5.044		4.53	1.21									
11	0.27	0.44	4.4	0.22	1.07	0.44	2.6	1.54	0.35	1.1	2.03	0.02	3.09	5.066	0.9	4.27	1.41								
12	0.19	0.51	5.1	0.16	1.01	5.014	3.6	1.47	5.075	3.1	1.95	5.026	0.9	3.00	5.095		4.17	1.80	0.5						
13	0.11	0.53	5.2	0.08	0.93	0.06	4.4	1.39	5.009	3.0	1.87	5.035	1.6	2.91	5.101		4.09	1.74	0.3						
14	0.00	0.32	5.6	0.00	0.85	5.044	2.3	1.30	5.053	1.8	1.77	5.086	0.7	2.79	5.130		3.96	1.60							
15	0.17	0.32	3.4	0.15	0.99	5.046	2.5	1.44	5.052	2.3	1.91	5.015	0.9	2.06	5.089	0.7	4.13	1.88	0.4						
16	0.07	0.61	4.8	0.07	0.92	5.020	3.2	1.37	5.032	2.2	1.95	5.048	0.9	2.99	5.101		4.05	1.97	0.4						
17	0.08	0.60	5.5	0.08	0.93	0.17	4.7	1.39	5.006	4.1	1.87	5.031	3.6	2.92	5.093	2.3	4.10	1.65	1.2						
18	0.05	0.46	5.0	0.04	0.80	5.025	3.3	1.35	0.15	1.84	5.019	1.1	2.98	5.090	0.7	4.06	1.64								
19	0.00	0.00	3.0	0.01	0.84	5.074	2.1	1.28	5.100	2.1	1.74	5.150	1.3	2.74	5.208	0.8	3.88	2.85	0.3						
20	0.11	0.28	3.7	0.10	0.94	5.059	1.7	1.39	5.033	1.8	1.87	5.073	2.9	5.120	1.4	4.07	1.57	0.7							
21	0.12	0.27	4.4	0.11	0.95	0.39	2.7	1.42	0.11	2.2	1.90	5.015	1.2	2.95	5.097	0.8	4.13	1.70	0.4						
22	0.01	0.25	2.7	0.01	0.85	5.025	3.0	1.30	5.022	3.4	1.79	5.053	3.4	2.84	5.086	2.6	4.01	1.59	1.4						
23	9.99	0.28	3.7	5.01	0.15	5.040	2.5	1.30	5.065	2.3	1.77	5.076	2.5	2.81	5.100	0.8	3.98	1.82							
24	0.15	0.27	3.7	0.12	0.97	0.19	2.9	1.43	0.11	2.3	1.91	5.011	1.5	2.95	5.091	1.2	4.13	1.76	0.7						
25	9.99	0.51	4.9	5.01	0.85	0.10	4.3	1.31	0.00	4.4	1.79	5.013	4.3	2.85	5.070	2.8	4.03	1.54	1.3						
26	9.82	0.59	4.7	5.14	0.72	0.05	4.2	1.17	5.010	4.0	1.66	5.035	3.6	2.70	5.094	2.5	3.87	1.74	1.3						
27	0.02	0.23	2.8	0.02	0.86	5.064	1.9	1.30	5.107	1.7	1.78	5.051	2.8	5.110	1.3	3.98	2.00	0.8							
28	9.89	0.57	5.2	5.09	0.77	0.04	4.3	1.25	5.022	3.8	1.71	5.012	4.0	2.76	5.062	1.3	3.95	1.53	0.8						
29	0.00	0.23	3.2	0.01	0.85	5.051	2.2	1.29	5.041	0.7	1.76	5.112	0.7	2.77	5.175	0.5	3.92	2.50	0.4						
30	0.04	0.16	2.9	0.05	0.88	5.072	2.2	1.32	5.169	1.9	1.78	5.131	1.1	2.79	5.183	0.7	3.93	2.32							
31	9.76	0.57	5.2	5.19	0.67	0.21	4.9	1.13	5.038	4.2	1.61	5.035	3.6	2.65	5.100	2.2	3.83	1.69	1.2						
DAY	500 MILLIBARS				400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS		
	GEOPO- TENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg																			
01	515	3.20	0.3	6.70	4.48	0.2	8.57	5.74	1.14	5.54	2.97	5.71	5.53	5.73											
02	517	2.69	0.6	6.73	4.06	0.2	8.63	5.62	1.13	6.47	2.72	6.06	5.72	5.46	5.72	5.46									
03	4.99	3.56	0.3	6.50	4.88	0.2	8.57	5.27	0.99	5.20	2.96	5.28	5.45	5.71											
04	511	5.46		6.63	4.51		8.51	5.49	1.11	5.21	2.97	5.29	5.58	5.28	7.01	5.84									
05	529	2.96	0.5	6.85	4.15	0.2	8.75	5.88																	
06	521	3.41		6.75	4.42		8.64	5.14	1.26	5.26	3.12	5.26	5.72	5.46											
07	516	3.60	0.2	6.68	4.56	0.2	8.57	5.35	1.16	5.59	3.00	5.41													
08	553	2.85	0.6	7.09	4.04	0.2	8.98	5.79	1.44	6.92	3.20	6.15	5.72	6.01	7.11	6.19	8.89	6.14							
09	558	2.80	0.6	7.16	3.64	0.2	9.09	5.36	1.57	7.27	3.27	7.03	5.69	6.60	7.04	6.67									
10	571	2.05		7.32	3.40	0.2	9.27	4.95	1.80	7.07	3.49	7.24	5.89	7.06	7.21	7.09	8.99	7.59							
11	563	2.49		7.21	3.65	0.2	9.14	5.14	1.68	6.70	3.41	6.63	5.87	6.64	7.22	6.85	8.92	7.16							
12	552	2.58		7.10	3.58	0.2	8.89	5.18	1.56	6.46	3.33	6.19	5.93	6.50	7.19	6.74									
13	544	2.29		7.04	3.45		8.98	5.15	1.50	6.77	3.28	5.90	5.80	6.27	7.16	6.29	8.93	6.62							
14	531	2.66		5.89	3.81		8.90	5.48	1.37	5.65	3.21	5.45	5.77	5.93	7.17	6.29									
15	547	2.92	0.2	7.03	4.13		8.91	5.71	1.39	6.47	3.18	5.85	5.73	5.80	7.12	6.20									
16	539	2.79	0.6	6.95	4.12		8.83	5.81	1.31	6.21	3.10	5.93	5.65	5.80	7.12	6.20									
17	544	2.67	0.5	7.01	4.05		8.89	5.71	1.39	6.23	3.18	5.76													
18	541	2.58	0.4	6.98	3.92	0.2	8.89</td																		

Results of Radiosonde Observations,
MACQUARIE AUGUST 1962

DAY	SURFACE			1000 MB.			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS							
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	GEOPOT- ENTIAL	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg																			
01	985	043	41	512	073	5018	55	118	5056	28	155	5081	23	269	5109	10	387	157	05							
02	985	007	33	512	072	5049	25	117	5047	24	154	5042	21	267	5108	22	384	197	12							
03	998	009	32	501	083	5062	24	125	5042	23	174	5134	14	274	5216	07	386	305	03							
04	993	052	45	506	080	5015	35	125	5046	31	172	5052	27	276	5105	14	393	182	11							
05	995	043	52	503	082	005	45	128	5048	42	176	5057	34	240	5100	22	390	180	11							
06	992	063	56	506	080	025	45	126	5058	29	174	5038	34	279	5075	05	397	168	11							
07	994	032	37	504	081	5039	27	125	5064	25	173	5048	20	275	5105	05	389	274	03							
08	998	028	32	501	083	5042	22	128	5079	17	175	5111	12	276	5105	05	393	271								
09	007	017	28	006	084	5074	16	134	5111	14	180	5136	06	230	5206	03	393	271								
10	023	033	35	019	192	5044	26	148	5040	23	195	5050	13	298	5120	05	415	205	05							
11	029	036	38	024	109	5002	22	154	5025	16	202	5055	16	305	5130	12	422	204	05							
12	023	048	39	019	104	5005	28	149	5048	23	196	5098	18	299	5095	07	416	184	04							
13	012	044	46	010	095	5001	40	141	5022	37	189	5042	35	293	5114	20	409	220	09							
14	012	044	45	010	095	5004	41	141	5026	37	189	5050	32	293	5124	17	410	205	08							
15	999	052	47	500	085	001	35	131	5023	31	179	5055	26	283	5101		400	193								
16	990	029	40	507	077	5034	30	122	5054	26	170	5081	23	272	5147	15	388	215	09							
17	004	010	24	004	087	5076	19	131	5110	17	178	5115	11	281	5102		393	164	06							
18	998	030	39	501	084	5035	26	128	5070	22	176	5085	17	279	5106		396	181								
19	998	010	24	501	082	5062	21	127	5093	06	174	5128	05	271	5200	03	387	252	02							
20	014	012	22	012	095	5084	15	139	5079	10	186	5107	09	283	5143	10	404	197	07							
21	012	034	43	012	095	5036	32	140	5040	22	189	5010	24	294	5093	16	411	157	09							
22	006	028	29	005	090	5062	21	134	5069	19	181	5129	10	282	5153	07	398	195								
23	005	039	48	005	090	005	43	136	5028	35	184	5051	30	283	5100	13	405	178	12							
24	001	050	54	001	087	002	43	132	5018	33	181	5020	19	285	5079	07	404	169	04							
25	992	059	55	506	080	013	46	125	5076	25	174	5029	10	278	5095	17	396	170	11							
26	985	017	34	573	072	5038	26	117	5086	21	184	5124	16	265	5197	27	378	287	05							
27	968	061	61	524	061	041	54	106	012	48	155	5022	40	260	5089	20	378	165	07							
28	976	008	31	520	065	5050	22	108	5098	21	155	5070	09	253	5154	09	373	209	09							
29	954	050	57	538	049	020	45	095	5010	39	143	5044	31	247	5110	21	364	190	08							
30	975	016	21	520	065	5047	22	109	5084	18	156	5124	14	257	5176	04	370	268	02							
31	993	051	50	506	081	001	38	126	5032	32	174	5061	25	278	5095	08	395	162								
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS				
	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg					
01	522	260	04	679	398	01	868	558	125	514	313	486	321	553	572	464	720	453								
02	517	290	05	674	393	02	864	548	118	573	363	505	505	561	565	485										
03	513	412		662	485		849	550	110	516	297	501	565	552	561											
04	526	294	05	682	409		872	551	120	651	288	595														
05	531	283	05	688	400	02	878	562	130	596	311	594														
06	531	273	05	688	383	02	880	540	135	557	320	543	581	515	726	527										
07	522	270		683	403		874	534	134	521	322	522	582	524	724	540										
08	518	370	01	669	446		859	514	122	506	311	512	572	536												
09	530	349		675	454		861	559	120	516	307	517	570	508												
10	548	280	04	704	415	01	893	569	141	670	318	602	572	586												
11	554	286		710	403		899	574	145	666	321	653	570	618												
12	550	295	02	704	412	01	894	558	141	696	314	667	559	664	704	681										
13	542	294	05	697	392	01	888	548	137	724	310	661	557	685												
14	542	280	04	699	384	02	891	530	142	706	314	662														
15	523	307		687	441		874	564	125	641	301	633	550	634	687	636										
16	520	302	05	675	426		863	585	110	639	286	643														
17	533	255	03	690	385		891	555	130	654	306	630	551	527												
18	529	279		685	409		874	575	124	623	304	603	557	575												
19	517	336	01	670	457		857	556	113	558	297	554	557	516	703	494										
20	537	273	03	695	380	01	866	537	141	583	324	553	576	508												
21	546	254	06	704	376	01	896	543	149	565	333	519	599	495	745	489										
22	530	294		686	412		875	550	137	516	326	493														

**Results of Radiosonde Observations,
MACQUARIE SEPT., 1962**

DAY	SURFACE				1000 MB.			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS						
	mb	PRESSURE $^{\circ}\text{C} \times 10^{-1}$	TEMPER- ATURE dg/kg	MIXING RATIO gpDm	gpDm	$^{\circ}\text{C} \times 10^{-1}$	TEMPER- ATURE dg/kg	gpDm																		
01	003	044	4.0	0.03	5046	2.6	133	5079	2.2	180	5105	1.6	281	5155	1.0	395	252	0.5								
02	006	027	3.6	0.05	5020	2.2	134	5048	1.6	182	5064	1.1	285	5124	1.7	402	193	1.1								
03	995	043	4.6	0.04	504	0.82	001	41	127	5030	3.4	175	5060	2.8	275	5131	1.5	394	230	0.6						
04	971	003	3.3	0.01	5034	0.61	5034	2.6	106	5055	2.1	153	5094	1.8	255	5141	1.5	372	185	0.8						
05	977	032	3.3	0.06	518	0.57	22	112	5075	1.4	158	5110	1.3	290	5171	0.9	374	229	0.7							
06	967	049	4.3	0.06	530	0.56	028	48	102	5011	4.2	150	5026	3.7	255	5191	2.4	373	167	1.3						
07	967	011	3.7	0.02	509	0.55	5050	4.2	134	5058	5.4	148	5096	1.9	249	5165	1.0	363	254	0.6						
08	988	021	2.7	0.05	507	0.75	029	5050	2.2	120	5089	1.9	166	5114	1.8	269	5133	3.84	215							
09	992	052	5.4	0.07	507	0.79	025	3.5	125	5000	4.4	174	5018	4.1	279	5088	2.5	397	160	1.4						
10	978	037	4.3	0.07	518	0.67	5017	3.6	112	5053	2.9	159	5087	2.3	262	5152	0.7	376	251	0.4						
11	999	016	3.3	0.01	501	0.91	5008	1.4	130	5020	0.9	178	5057	0.9	282	5094	4.26	192								
12	985	034	3.8	0.02	512	0.73	5024	2.8	118	5056	2.3	156	5095	2.0	265	5154	0.5	383	249	0.5						
13	985	022	3.2	0.02	512	0.73	5049	2.2	117	5080	1.9	154	5108	1.3	265	5163	0.4	380	254	0.5						
14	002	044	5.2	0.03	508	0.07	43	134	5023	3.8	182	5046	3.3	285	5123	2.0	403	172	0.7							
15	008	043	4.6	0.07	502	0.92	5005	3.9	134	5025	5.5	185	5055	3.0	289	5103	0.7	406	189	0.6						
16	007	044	5.2	0.05	501	0.91	5004	3.9	137	5027	2.9	184	5061	2.4	289	5089	1.1	407	166							
17	000	053	5.3	0.01	506	0.06	5006	4.2	132	5015	3.7	180	5019	1.2	285	5065	2.7	401	145	1.8						
18	001	035	3.3	0.01	505	0.85	5039	2.6	130	5064	2.4	177	5096	2.1	279	5190	0.9	395	246	0.5						
19	004	039	4.8	0.04	509	0.89	5023	2.7	134	5048	1.7	181	5083	1.9	284	5155	1.4	400	197	0.3						
20	998	053	5.6	0.02	502	0.85	5008	4.5	131	5007	3.9	179	5030	3.5	294	5099	2.4	401	165	1.6						
21	994	038	4.5	0.05	505	0.85	5028	2.7	130	5055	2.5	178	5060	0.7	281	5140	1.4	398	181	1.2						
22	008	009	3.1	0.07	501	0.91	5084	2.0	135	5115	1.5	181	5150	1.3	281	5195	0.7	395	225	0.4						
23	011	037	3.7	0.10	504	0.94	5040	2.6	139	5080	2.2	186	5067	1.9	290	5195	1.6	407	154	0.7						
24	005	029	2.5	0.05	508	0.88	5070	1.9	133	5104	1.6	179	5131	0.6	280	5166	3.95	215								
25	014	039	2.7	0.20	509	0.96	5054	2.1	140	5096	1.9	197	5060	0.7	297	5074	4.10	154	0.6							
26	007	056	5.4	0.06	502	0.92	501	4.1	138	5025	3.6	186	5039	3.2	290	5111	1.8	407	176	0.7						
27	001	056	5.4	0.00	500	0.87	5016	4.8	133	5000	0.0	45	181	5025	3.9	287	5075	2.7	405	146	1.7					
28	005	059	4.8	0.05	501	0.91	5036	3.7	137	5010	0.6	186	5021	3.0	291	5080	2.2	409	154	0.6						
29	004	050	5.2	0.04	500	0.90	5036	5.5	137	5016	4.7	185	5005	4.4	290	5078	2.1	409	155	4.6						
30	982	056	5.6	0.04	514	0.72	5025	4.9	118	5007	4.1	186	5038	3.5	270	5105	2.1	387	184	0.9						
DAY	500 MILLIBARS				400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS			
	gpDm	$^{\circ}\text{C} \times 10^{-1}$	TEMPER- ATURE dg/kg	MIXING RATIO gpDm	gpDm	$^{\circ}\text{C} \times 10^{-1}$	TEMPER- ATURE dg/kg	gpDm																		
01	526	334	6.78	4.76	867	5.27	133	485	5.23	475	591	4.91	738	478	928	488										
02	535	289	0.5	6.90	420	0.2	879	550	132	532	318	534	579	5.22												
03	526	326	0.2	6.79	434	0.07	867	564	152	583	334	584	590	5.62												
04	506	281	0.5	6.64	370	0.3	856	509	116	563	297	589	595	5.94	591	593										
05	506	305	0.4	6.59	450	0.2	846	556	107	513	293	528	562	5.62												
06	507	275	0.6	6.63	403	0.2	853	549	113	526	299	522	516	516	706	518										
07	493	359	0.2	6.44	445	0.07	835	504	0.99	497	289	460														
08	517	279	0.3	6.73	413	0.1	862	554	124	509	313	472	582	463	729	480										
09	531	267	0.5	6.89	383	0.1	879	561	134	561	318	536														
10	506	347	0.1	5.59	420	0.2	852	473	119	492	406	523	566	5.09	712	521										
11	532	290	0.2	6.66	393	0.07	857	548	117	513	547	517	522	487												
12	512	353	0.3	6.62	460	0.2	853	507	117	501	306	497	572	484	716	486										
13	510	350	0.3	6.62	460	0.2	886	552	144	540	327	514	599	497	739	503										
14	537	272	0.2	6.95	377	0.2	887	552	144	540	327	514	596	481	744	459										
15	540	285	0.6	6.97	393	0.2	887	547	144	547	330	523	598	465	747	432	941	426								
16	542	239	0.0	7.00	375	0.2	893	521	148	587	330	523	596	481												
17	541	226	0.4	7.00	360	0.3	895	503	153	522	340	520	532	527												
18	523	344	0.2	6.72	381	0.2	871	541	146	500	331	499	597	473	74											

**Results of Radiosonde Observations,
MACQUARIE OCT., 1962**

DAY	SURFACE			1000 MB.		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS				
	mb	PRESSURE $^{\circ}\text{C} \times 10^{-1}$	TEMPER- ATURE dg/kg	gp Dm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO	gp Dm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO	gp Dm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO	gp Dm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO	gp Dm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO	gp Dm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO	
01	9.96	0.22	2.6	5.02	0.81	5.052	2.2	1.25	5.102	1.7	1.73	5.125	1.5	2.78	5.102	0.8	3.93	1.91	0.6	3.99	1.85	0.6
02	0.03	0.39	3.7	0.03	0.87	5.038	2.8	1.52	5.055	2.6	1.90	5.087	2.2	2.52	5.117	0.6	3.99	1.85	0.6	3.89	1.84	0.7
03	0.09	0.53	4.5	0.08	0.93	5.032	3.1	1.88	5.021	2.7	1.95	5.040	0.9	2.91	5.106	1.4	4.09	1.41	0.7	4.07	1.35	0.7
04	0.05	0.56	4.2	0.04	0.89	5.026	3.1	1.34	5.019	1.0	1.93	5.036	0.8	2.98	5.156	0.7	3.87	2.46	0.5	3.89	1.94	1.2
05	9.83	0.51	5.6	5.14	0.72	0.17	4.8	1.18	5.012	4.1	1.66	5.029	3.8	2.71	5.109	1.3	3.88	1.92	1.1	3.85	2.11	0.5
06	9.93	0.39	4.0	5.05	0.86	0.22	1.4	1.26	5.009	1.7	1.75	5.020	0.9	2.00	5.084	1.8	3.93	1.52	1.4	3.99	1.52	1.4
07	9.84	0.75	5.6	5.14	0.73	0.31	4.3	1.19	5.006	3.5	1.68	5.032	2.9	2.72	5.108	1.6	3.89	1.94	1.2	3.87	2.46	0.5
08	9.93	0.30	5.5	5.06	0.74	5.039	2.4	1.24	5.071	2.0	1.71	5.096	1.7	2.73	5.156	0.7	3.87	2.46	0.5	3.88	1.92	1.1
09	9.84	0.57	5.5	5.13	0.74	0.19	4.3	1.20	5.014	2.3	1.68	5.043	1.6	2.72	5.109	1.3	3.88	1.92	1.1	3.85	2.11	0.5
10	9.89	0.56	5.6	5.09	0.77	5.046	2.4	1.21	5.044	1.8	1.68	5.101	0.7	2.70	5.169	1.1	2.75	5.094	1.50	3.95	1.50	1.0
11	9.91	0.49	4.4	5.07	0.78	5.030	2.9	1.23	5.045	2.0	1.71	5.073	1.1	2.75	5.169	0.9	3.95	1.50	1.0	3.92	2.60	0.9
12	0.02	0.39	3.9	5.02	0.86	5.054	2.4	1.31	5.049	1.9	1.78	5.119	1.8	2.79	5.187	0.3	3.92	2.60	0.9	4.00	2.09	0.9
13	0.13	0.90	5.0	5.01	0.74	5.047	1.4	1.41	5.054	0.7	1.90	5.051	2.2	2.90	5.125	1.0	4.07	1.65	1.5	4.10	1.08	1.5
14	0.11	0.37	3.8	5.03	0.93	5.064	2.3	1.58	5.040	1.0	1.95	5.070	1.0	2.90	5.052	0.4	4.04	2.11	0.3	4.03	1.86	0.6
15	0.03	0.58	5.2	5.08	0.88	0.10	4.3	1.54	5.036	0.4	1.94	5.025	1.0	2.88	5.109	1.2	3.87	2.11	0.3	3.88	1.92	1.1
16	0.05	0.50	4.0	5.00	0.90	5.036	2.1	1.55	5.031	1.7	1.94	5.031	1.0	2.86	5.109	1.0	4.04	2.11	0.3	4.03	1.86	0.6
17	0.03	0.58	4.9	5.08	0.89	5.009	3.1	1.54	5.010	1.7	1.92	5.040	1.2	2.86	5.109	1.0	4.03	1.86	0.6	4.10	1.25	0.6
18	0.07	0.50	4.2	5.06	0.91	0.04	1.9	1.57	5.009	1.8	1.95	5.024	1.0	2.91	5.049	1.2	4.02	2.17	0.3	4.10	1.34	0.6
19	0.06	0.63	4.0	5.05	0.91	5.006	3.7	1.57	5.025	2.8	1.95	5.001	3.0	2.91	5.055	0.9	3.95	1.94	0.9	3.96	1.94	0.9
20	0.03	0.39	3.9	5.04	0.88	5.040	2.5	1.52	5.057	0.8	1.90	5.101	2.1	2.81	5.175	1.0	4.17	1.05	1.0	4.15	0.90	1.0
21	0.18	0.58	3.5	5.01	0.99	5.052	2.7	1.44	5.054	2.0	1.92	5.032	1.0	2.97	5.057	1.0	4.17	1.05	1.0	4.15	0.94	1.0
22	0.11	0.39	3.6	5.01	0.94	0.18	1.0	1.40	5.044	1.2	1.89	5.018	1.0	2.95	5.053	0.8	4.15	0.90	1.0	3.84	0.94	1.0
23	9.71	0.71	5.7	5.24	0.63	0.42	5.4	1.09	5.09	4.5	1.58	5.024	3.9	2.63	5.024	1.3	3.77	1.92	0.4	3.77	1.92	0.4
24	9.72	0.54	4.2	5.23	0.63	0.03	3.2	1.09	5.030	2.6	1.56	5.062	2.2	2.60	5.101	1.3	3.87	2.11	0.4	3.88	1.92	0.4
25	9.81	0.66	5.9	5.16	0.71	0.40	5.6	1.17	5.018	5.0	1.66	5.057	4.5	2.71	5.071	2.9	3.90	1.60	1.3	3.92	2.24	1.3
26	9.97	0.38	3.9	5.02	0.83	5.040	2.5	1.28	5.075	1.8	1.75	5.098	1.4	2.77	5.153	1.3	3.92	2.24	1.2	3.92	2.24	1.2
27	0.11	0.31	2.4	5.01	1.00	5.062	1.8	1.38	5.103	1.7	1.94	5.108	0.8	2.87	5.147	1.0	4.02	2.17	0.3	4.06	1.81	1.2
28	0.11	0.51	4.2	5.09	0.94	5.027	2.9	1.39	5.051	2.5	1.87	5.070	2.2	2.90	5.125	1.4	4.06	1.81	1.2	4.06	1.81	1.2
29	0.03	0.27	2.6	5.02	0.86	5.074	1.8	1.30	5.011	1.7	1.77	5.140	1.4	2.78	5.156	0.7	3.93	2.09	0.4	3.93	2.09	0.4
30	0.11	0.27	3.3	5.09	0.93	5.067	2.3	1.37	5.075	2.1	1.94	5.079	1.4	2.88	5.090	0.9	4.06	1.66	0.4	4.06	1.66	0.4
31																						

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS		
	gp Dm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO	gp Dm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO	gp Dm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO	gp Dm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO	gp Dm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO	gp Dm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO	gp Dm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO			
01	5.26	2.84	0.3	6.71	4.15		8.70	5.61	1.33	4.78	3.24	4.49	5.96	4.39	7.46	4.40								
02	5.33	2.83		6.89	4.12		8.78	5.53	1.35	5.22	3.25	4.65	5.94	4.51	7.44	4.24								
03	5.44	2.49		7.02	3.76		8.93	5.52	1.47	5.69	3.34	5.10	6.20	4.76										
04	5.43	2.50		7.02	3.48		8.96	5.08	1.54	5.30	3.25	4.51	5.08	4.59	7.57	4.37								
05	5.26	2.40	0.5	6.86	3.43	0.4	8.80	5.01	1.41	4.91	3.30	4.91	6.01	4.55	7.52	4.12								
06	5.33	2.58	0.4	6.90	4.00	0.1	8.80	5.40	1.41	4.75	3.32	4.61	6.03	4.27	7.54	4.12								
07	5.22	3.01	0.4	6.77	4.25		8.66	5.32	1.31	4.60	3.24	4.36	5.97	4.59	7.48	4.04								
08	5.15	3.27		6.71	4.33		8.62	5.10	1.29	4.72	3.20	4.64	5.98	4.55										
09	5.22	2.76	0.7	6.78	4.10		8.68	5.63	1.25	4.94	3.13	4.84	5.83	4.62	7.32	4.26	9.47	4.21						
10	5.18	2.76	0.4	6.75	3.78	0.2	8.70	4.76	1.36	4.94	3.04	3.28	5.87	5.76										
11	5.29	2.19	0.6	6.90	3.20	0.3	8.66	4.92	1.40	5.04	3.37	4.95	6.02	5.00	7.50	4.60								
12	5.22	3.34		6.78	4.15		8.68	4.91	1.31	4.94	3.22	4.44	5.96	4.14	7.48	4.04								

Results of Radiosonde Observations,
MACQUARIE NOV, 1962

DAY	SURFACE				1000 MB.	900 MILLIBARS				850 MILLIBARS				800 MILLIBARS				700 MILLIBARS				600 MILLIBARS													
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm		TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg													
0 1	0 0 4	0 6 2	5 2	0 0 4	0 9 0	5 0 0 0	3 9	1 3 5	5 0 3 4	3 2	1 8 4	5 0 5 8	3 4	2 8 8	5 0 9 6	2 0	4 0 6	1 6 3	1 3																
0 2	0 0 2	0 3 4	4 6	0 0 2	0 8 7	5 0 0 1	4 2	1 3 3	5 0 2 5	3 6	1 8 1	5 0 4 0	1 9	2 8 6	5 0 9 4	1 5	4 0 4	1 6 0	1 4																
0 3	0 9 4	0 3 9	4 6	5 0 5	0 8 1	5 0 1 3	3 7	1 2 7	5 0 2 1	3 4	1 7 5	5 0 2 1	4 0	2 8 0	5 0 6 9	3 0	4 0 0	1 3 2	1 8																
0 4	0 9 6	0 2 8	3 6	5 0 2	0 8 2	5 0 2 5	3 1	1 2 7	5 0 5 1	2 8	1 7 5	5 0 7 1	2 5	2 7 9	5 0 8 5	3 9 6	1 7 0																		
0 5	0 9 4	0 4 7	4 1	5 0 4	0 8 1	5 0 0 5	3 2	1 2 6	5 0 3 1	2 1	1 7 4	5 0 6 6	2 4	2 7 7	5 0 9 0	1 3	3 9 4	1 6 4	0 5																
0 6	0 5 0	5 1 4	4 7	5 0 1 0	3 8	1 1 7	5 0 3 4	3 2	1 6 5	5 0 6 5	2 5	2 6 8	5 1 3 5	1 6	3 8 3	2 1 6	0 4																		
0 7	0 0 2	0 4 0	3 1	0 0 3	0 8 7	5 0 5 5	2 2	1 3 2	5 0 9 9	2 0	1 7 9	5 0 8 5	1 2	2 8 3	5 1 0 1	1 8	4 0 0	1 8 4	0 9																
0 8	0 9 7	0 6 1	5 4	5 0 2	0 8 4	0 2 0	4 9	1 3 0	5 0 1 0	4 1	1 7 8	5 0 3 0	3 7	2 8 4	5 0 6 1	2 1	4 0 3	1 2 5	1 5																
1 0	0 9 8	0 5 9	5 3	5 0 1	0 8 5	0 4 5	5 6	1 3 1	5 0 8 9	1 9	1 8 1	5 1 0 6	1 3	2 8 6	5 0 2 8	1 5	4 0 7	0 9 7	0 9																
1 1	0 9 8	0 6 0	5 8	5 0 3	0 7 3	0 2 8	5 0	1 1 9	5 0 0 2	4 2	1 6 8	5 0 2 9	3 5	2 7 3	5 0 8 0	1 0	4 0 8	0 8 3	2 7																
1 2	0 9 8	0 5 7	4 0	5 1 4	0 7 2	5 0 0 7	3 3	1 1 7	5 0 4 5	2 5	1 6 5	5 0 6 3	1 5	2 6 8	5 1 3 5	0 5	3 8 3	2 3 0	0 3																
1 3	0 9 8	0 3 9	4 1	5 1 2	0 7 4	5 0 2 1	3 4	1 1 9	5 0 5 2	2 9	1 6 6	5 0 8 0	2 3	2 6 8	5 1 5 3	1 4	3 8 3	2 4 0	0 7																
1 4	0 9 9	0 5 2	4 2	5 0 0	0 8 5	5 0 2 2	2 9	1 3 0	5 0 5 2	1 8	1 7 7	5 0 8 8	1 8	2 8 0	5 1 2 3	1 3	3 9 7	1 7 5	0 4																
1 5	0 9 9	0 7 5	5 4	5 0 2	0 8 4	0 0 2	3 7	1 3 0	5 0 2 8	1 9	1 7 7	5 0 4 6	0 8	2 8 1	5 1 2 4	0 6	3 9 7	1 9 9																	
1 6	0 9 8	0 7 5	5 8	5 0 1	0 8 6	0 6 1	5 1	1 3 2	5 0 3 8	4 7	1 8 1	5 0 0 1	3 8	2 8 7	5 0 5 6	3 5	4 0 7	1 3 7	1 9																
1 7	0 9 6	0 7 3	5 9	5 2 8	0 5 8	0 3 9	5 1	1 0 4	0 0 5	4 4	1 5 2	5 0 2 4	4 0	2 5 8	5 0 8 4	2 6	3 7 5	1 6 7	1 4																
1 8	0 9 8	0 5 4	4 2	5 1 4	0 7 2	5 0 1 5	2 9	1 1 6	5 0 5 5	2 3	1 6 3	5 0 9 5	2 0	2 6 5	5 1 6 0	1 0	3 8 0	2 3 1	0 5																
1 9	0 0 1	0 5 0	4 4	0 0 2	0 8 6	5 0 2 7	2 7	1 3 1	5 0 5 9	2 1	1 7 9	5 0 9 1	2 1	2 8 1	5 1 3 1	0 6	3 9 7	1 7 7																	
2 0	0 9 8	0 7 3	6 4	5 0 5	0 7 3	0 7 0	6 9	1 2 0	6 0	6 8	1 7 0	0 3 1	6 0	2 7 7	5 0 1 9	4 7	3 9 9	0 9 4	2 8																
2 1	0 9 7	0 5 1	5 5 6	5 1 8	0 6 4	5 0 0 5	4 2	1 1 4	5 0 2 2	3 8	1 6 3	5 0 4 8	3 5	2 6 6	5 1 0 9	2 3	3 8 3	1 6 0	1 4																
2 2	0 9 9	0 6 1	5 5 5	5 0 7	0 7 0	5 0 0 5	3 9	1 2 5	5 0 2 6	3 5	1 7 3	5 0 4 6	3 2	2 7 7	5 1 1 7	2 0	3 9 4	1 8 2	1 2																
2 3	0 9 8	0 6 7	4 7	5 1 1	0 7 5	5 0 2 0	3 1	1 2 1	5 0 4 8	2 8	1 6 8	5 0 6 0	2 0	2 7 1	5 1 3 5	0 7	3 8 7	2 3 0	0 3																
2 4	0 9 5	0 7 0	4 5	5 0 4	0 8 1	5 0 2 2	2 9	1 2 7	5 0 5 3	2 2	1 7 4	5 0 8 1	1 7	2 7 6	5 1 5 2	0 7	3 9 1	2 3 3	0 3																
2 5	0 9 5	0 5 7	2 4	5 1 3	0 7 3	5 0 0 6	3 7	1 1 8	5 0 3 0	3 3	1 5 6	5 0 4 7	3 2	2 7 1	5 0 6 0	3 4	3 9 1	1 2 9	2 0																
2 6	0 9 6	0 5 6	4 8	5 2 6	0 6 0	5 0 0 1	4 0	1 0 6	5 0 2 4	3 8	1 5 4	5 0 4 4	3 3	2 5 8	5 1 1 6	2 0	3 7 4	2 0 0	0 8																
2 7	0 9 8	0 4 8	4 9	5 1 6	0 7 0	5 0 1 1	3 8	1 1 6	5 0 4 0	3 3	1 5 3	5 0 5 8	3 0	2 6 7	5 1 3 0	1 6	3 8 3	2 0 0	0 9																
2 8	0 9 4	0 5 9	4 2	5 0 4	0 8 1	5 0 2 2	3 1	1 2 6	5 0 3 0	1 4	1 7 4	5 0 5 3	0 8	2 7 8	5 0 9 8	2 1	3 9 6	1 6 4	1 5																
2 9	0 0 5	0 5 1	4 1	0 0 4	0 8 9	5 0 3 0	2 6	1 3 4	5 0 6 6	2 3	1 8 1	5 0 7 2	2 2	2 8 5	5 1 1 4	1 3	4 0 2	1 7 0	0 8																
3 0	0 0 8	0 6 1	5 2	0 0 7	0 9 2	5 0 5 3	5 6	1 3 9	5 0 5 0	5 1	1 8 8	5 0 2 5	4 4	2 9 5	5 0 2 1	0 2	4 1 7	0 6 5	3 6																
DAY	500 MILLIBARS				1000 MB.	400 MILLIBARS				300 MILLIBARS				200 MILLIBARS				150 MILLIBARS				100 MILLIBARS				80 MILLIBARS				60 MILLIBARS					
	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg								
0 1	5 4 1	2 5 5	0 6	7 0 0	3 5 5	0 3	8 9 4	5 0 6	1 5 4	4 9 5	3 4 4	4 7 2	6 1 3	4 5 9	7 6 2	4 4 5																			
0 2	5 3 9	2 5 7	0 7	6 9 8	3 4 5	0 4	8 9 2	5 0 4	1 5 2	4 8 8	3 4 4	4 6 2	6 1 5	4 4 5	7 6 4	4 4 4																			
0 3	5 3 7	2 1 9	0 9	6 9 7	3 3 5	0 4	8 9 2	5 1 1	1 5 2	4 8 5	3 4 2	4 6 5	6 1 1	4 7 4	7 5 9	4 6 8																			
0 4	5 3 1	2 6 3	0 6	6 9 9	3 5 6	0 8 2	8 8 2	5 1 0	1 4 7	4 8 3	3 3 3	4 5 7	6 0 8	4 5 2	7 5 7	4 6 0																			
0 5	5 2 9	2 5 6	0 3	6 8 7	3 8 3	0 1	8 7 9	5 3 5	1 4 3	4 6 9	3 3 4	4 6 5	6 0 5	4 4 5	7 5 8	4 5 0																			
0 6	5 1 5	3 0 1	0 4	6 7 1	4 1 5	0 2	8 6 3	4 6 6	1 3 5	4 2 1	3 2 8	4 4 6	6 0 0	4 5 0	7 4 9	4 4 1	9 4 1	4 4 6																	
0 7	5 3 3	2 7 6	0 6	6 9 0	4 0 0	0 2	8 8 0	5 5 9	1 4 1	5 1 5	3 2 9	4 7 2	5 9 8	4 5 1	7 4 7	4 5 3																			
0 8	5 3 9	2 2 6	0 9	6 9 9	3 4 9	0 3	8 9 2	5 1 8	1 5 2	4 9 8	3 4 0	4 9 7	6 0 7	4 5 5	7 5 5	4 5 9																			
0 9	5 4 6	2 0 6	0 6	7 0 8	3 1 5	0 2	9 0 4	5 0 0	1 5 5	5 0 5	3 2 7	4 6 2	6 0 6	4 5 9	7 5 4	4 6 4	9 4 7	4 7 0																	
1 0	5 4 8	1 3 8	0 9	7 0 4	3 3 4	0 3	8 9 9	5 1 2	1 5 6	5 3 3	3 4 2	4 7 8	6 1 0	4 5 3	7 2 9	4 5 6																			

Results of Radiosonde Observations,
MACQUARIE DEC., 1962

DAY	SURFACE			1000 MB.		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS				
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	GEOPOT- ENTIAL $^{\circ}\text{C} \times 10^{-1}$	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	GEOPOT- ENTIAL $^{\circ}\text{C} \times 10^{-1}$	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	GEOPOT- ENTIAL $^{\circ}\text{C} \times 10^{-1}$	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg				
01 002	065	47	002	087	010	37	153	5015	31	181	5041	25	286	5089	07	404	159					
02 006	039	41	006	090	026	23	135	5056	20	183	5088	16	285	5155	11	401	167	06				
03 012	067	56	010	096	004	43	142	5021	36	190	5060	26	294	5064	412	139	05					
04 006	066	55	006	091	024	31	136	5046	27	184	5065	19	287	5114	09	404	195	11				
05 001	044	38	000	085	035	26	130	5066	24	177	5094	21	280	5151	14	394	226	06				
06 008	060	48	007	092	017	36	138	5000	41	186	5015	32	292	5033	29	413	109	16				
07 013	066	59	012	097	018	43	143	001	41	192	5001	36	298	5050	34	418	100					
08 002	078	61	002	088	045	65	134	010	38	184	055	13	292	5004	34	413	080	26				
09 995	055	56	503	083	057	60	130	041	60	179	028	59	287	5025	44	408	093	28				
10 004	078	61	004	090	033	54	137	006	44	185	5017	39	290	5075	13	410	112	10				
11																						
12 993	060	52	002	081	061	59	128	035	52	177	015	47	284	5026	35	405	086	21				
13 002	058	37	001	086	020	29	131	5062	24	178	5095	20	281	5120	08	396	229					
14 007	069	59	006	093	032	51	139	010	45	187	5032	35	290	5087	23	410	155	12				
15 002	072	63	002	088	025	51	134	5001	45	183	5020	40	288	5067	42	408	122	19				
16 012	069	43	010	096	004	25	141	011	191	003	296	5034	11	416	095	12						
17 004	067	54	004	090	015	34	136	5013	31	185	016	291	5047	410	140	06						
18 000	066	60	001	086	003	36	132	5021	32	180	5047	25	284	5107	18	401	160					
19 985	075	57	512	074	014	34	120	5015	23	168	5051	19	272	5119	10	388	199	05				
20 997	050	44	502	083	023	26	128	5058	21	170	5098	19	277	5165	09	393	189					
21 005	040	34	005	092	042	24	137	5081	21	184	5121	17	285	5137	05	401	199	04				
22 010	069	53	009	094	000	39	140	016	36	189	5006	39	295	5050	34	415	197	N 4				
23 994	067	56	504	081	005	28	127	5012	12	159	5035	08	280	5087	39	399	144					
24 006	050	45	006	091	019	27	136	5064	17	184	5100	19	287	5127	05	403	163					
25 010	053	35	009	094	009	35	138	5076	18	184	5121	15	287	5117	405	150	08					
26 012	068	59	010	096	005	36	141	5005	34	190	002	17	296	5061	13	415	120	15				
27 006	063	53	006	091	005	40	137	5033	32	185	5012	24	291	5055	21	411	102	N 4				
28 000	067	57	001	086	000	36	132	5020	36	180	5049	38	284	5077	12	403	134					
29 007	072	39	006	091	023	34	130	5056	17	184	5095	17	286	5115	403	164						
30 016	083	51	013	098	030	27	144	5029	27	192	5007	29	298	5047	29	418	082	12				
31 988	087	71	510	088	115	95	136	107	95	187	078	82	295	5003	44	415	070	25				
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			
	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$		
01 540	200	307	702	902	430	168	497	359	475	623	511	768	514									
02 535	266	03	593	887	470	156	464	347	455	616	479	762	490	952	471							
03 548	240	707	345	02	901	517	158	526	491	612	466	760	484									
04 538	258	07	696	889	03	889	528	151	505	341	455	611	465	759	462							
05 528	258	04	687	354	02	883	448	152	471	343	483											
06 551	206	08	712	320	03	909	483	166	566	352	523	613	518	759	489							
07 556	201	07	718	309	05	917	461	175	593	359	535	616	530	764	515	953	482					
08 553	175	13	716	310	05	913	473	171	562	355	528	617	526	761	493	950	487					
09 546	184	13	710	304	05	906	479	165	534	352	510	616	510	761	490							
10 547	213	05	709	519	04	906	473	163	565	348	513											
11																						
12 544	175	709	254	06	911	416	897	449	161	508	349	479	618	464	766	471	957	461				
13 529	303	07	685	374	881	437	153	438														
14 543	227	07	703	355	03	896	528	153	508	341	490											
15 545	189	12	707	328	03	902	495	161	555	346	514	611	493	758	480							
16 556	187	05	718	313	03	915	480	172	529	354	549	616	512	761	502							
17 546	194	12	709	301	06	905	468	167	597													
18 537	235	07	697	346	04	891	513	153	489	342	483	609	479	757	463	948	471					
19 521	296	03	678	389	02	869	481	138	444	332	436	517	477	602	478	750	458	940	473			
20 528	255	01	683	365	01	878	459	144	477	334	477											
21 534	290		690	408		882	487	150	469													
22 555	190	15																				
23 535	188		698	307		897	449	161	508	349	479	618	464	766	471	957	461					
24 539	229	06	699	333	02	895	475	158	519	346	478	614	474									
25 541	210	07	702	320	03	898	490	159	507	348	492	615	502	760	490							
26 554	211	10	716	296	06	916	454	176	579	358	549	620	512	765	497	954	490					
27 550	158	18	713	278	06	912	449	172	553	358	531	621	510	766	500	955	481					
28 540	206	06	702	320	04	899	460	162	479													
29 539	235	16	700	316	02	899	426	164	539	352	509	618	472	765	477							

Results of Radiosonde Observations,
MAWSON JAN., 1962

DAY	SURFACE			1000 MB.			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS						
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dp/kg	gpDm	GEOPOT- ENTIAL	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	dp/kg	gpDm	GEOPOT- ENTIAL	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	dp/kg	gpDm	GEOPOT- ENTIAL	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	dp/kg	gpDm	GEOPOT- ENTIAL	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	dp/kg	gpDm	GEOPOT- ENTIAL	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dp/kg		
01	979	5061	16	517	567	5073	09	115	5112	08	158	5153	07	258	5201	05	569	275	05	369	275	05	375	261	04
02	984	5043	21	509	574	5086	14	117	5125	12	163	5155	06	263	5212	06	375	261	04	368	261	04	375	261	04
03	973	5078	12	520	569	5077	06	106	5120	05	152	5158	04	255	5198	03	368	272	02	362	280	02	362	280	02
04	970	5050	18	523	560	5089	13	104	5108	09	150	5144	08	250	5213	03	362	280	02	362	280	02	362	280	02
05	977	5059	16	518	566	5063	11	110	5115	15	157	5138	07	257	5212	04	369	301	01	369	301	01	369	301	01
06	980	5039	24	517	568	5082	09	112	5113	07	158	5156	07	257	5222	04	369	280	02	369	280	02	369	280	02
07																									
08	986	5057	24	510	572	5092	16	116	5130	11	162	5163	08	261	5221	04	375	277	02	375	277	02	375	277	02
09	991	5036	22	505	577	5089	16	121	5119	11	168	5146	08	267	5243	03	378	315	03	378	315	03	378	315	03
11	994	5046	18	504	579	5096	14	123	5125	11	167	5153	09	263	5225	06	379	329	03	379	329	03	379	329	03
11	992	5048	18	504	578	5083	10	123	5117	10	169	5154	07	268	5232	06	380	286	02	380	286	02	380	286	02
12	992	5056	14	505	578	5094	15	122	5122	12	168	5143	08	268	5211	04	380	254	02	380	254	02	380	254	02
13	993	5073	14	504	578	5094	11	122	5123	11	168	5197	07	268	5205	03	381	245	02	381	245	02	381	245	02
14	989	5044	15	507	576	5076	08	120	5119	07	165	5144	08	266	5194	05	379	275	03	379	275	03	379	275	03
15	989	5056	14	507	575	5089	09	119	5124	08	165	5148	06	265	5217	04	378	254	02	378	254	02	378	254	02
16	990	5024	21	506	576	5079	18	120	5109	16	167	5138	14	267	5211	07	379	272	05	379	272	05	379	272	05
17	982	5036	18	513	570	5058	08	115	5098	08	161	5138	07	261	5194	07	374	260	04	374	260	04	374	260	04
18	978	5072	15	516	566	5089	13	110	5119	11	156	5150	07	255	5206	04	369	277	02	369	277	02	369	277	02
19	986	5039	23	509	573	5071	16	119	5105	15	164	5159	13	264	5227	07	376	290	04	376	290	04	376	290	04
21	988	5040	18	508	575	5090	12	119	5127	10	165	5158	10	264	5236	06	376	249	03	376	249	03	376	249	03
22	984	5054	15	513	571	5092	11	115	5135	11	161	5157	10	260	5217	04	372	293	03	372	293	03	372	293	03
23	993	5084	13	503	579	5078	06	123	5114	06	169	5137	05	270	5178	04	383	274	03	383	274	03	383	274	03
25	994	5079	12	503	579	5085	05	123	5123	06	169	5154	05	269	5176	04	384	222	02	384	222	02	384	222	02
26	987	5061	13	509	574	5081	06	118	5125	05	164	5168	05	264	5167	05	380	215	02	380	215	02	380	215	02
27	994	5079	12	503	570	5085	05	123	5122	04	169	5156	04	271	514n	04	386	192	02	386	192	02	386	192	02
28	984	5067	14	511	572	5089	09	115	5127	10	162	5160	10	261	5195	08	374	260	05	374	260	05	374	260	05
29	978	5065	14	516	565	5089	05	110	5131	06	156	5159	05	255	5191	03	370	249	03	370	249	03	370	249	03
31	977	5092	20	516	566	5116	09	109	5156	08	155	5186	08	253	5256	06	364	301	03	364	301	03	364	301	03
31	982	5035	14	513	570	5083	12	114	5112	12	161	5149	11	260	5224	06	372	267	05	372	267	05	372	267	05

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS			
	GEOPO- TENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dp/kg	gpDm	GEOPO- TENTIAL $^{\circ}\text{C} \times 10^{-1}$	TEMPER- ATURE dp/kg	gpDm	GEOPO- TENTIAL $^{\circ}\text{C} \times 10^{-1}$	TEMPER- ATURE dp/kg																
01	499	352	02	651	577	457	838	577	101	474	293	438	557	407	719	392	917	370	918	398	918	398	918	398	918
02	504	357	03	657	544	443	841	564	105	463	300	455	572	452	723	412	918	426	913	412	913	412	913	412	913
03	498	342	18	651	543	430	839	542	105	450	298	455	572	452	722	417	917	424	912	417	912	417	912	417	912
04	491	361	16	643	548	458	830	560	100	437	294	457	566	429	717	410	910	424	909	410	909	410	909	410	909
05	496	364	16	648	546	456	834	544	101	437	295	425	570	410	722	399	920	426	907	410	907	410	907	410	907
06	498	366	16	649	547	479	836	554	102	455	294	451	557	426	722	417	917	424	908	417	908	417	908	417	908
07																									
08	502	364	02	647	572	459	839	551	105	458	296	456	571	431	722	417	917	420	908	417	908	417	908	417	908
09	506	380	02	656	560	480	841	564	105	471	297	460	568	435	718	426	913	432	912	426	912	432	912	432	912
11	506	381	01	657	541	481	843	532	109	473	300	461	571	432	722	417	917	424	909	417	909	424	909	417	909
11	508	368	01	660	563	463	848	554	113	462	304	466	575	441	725	424	920	430	917	424	917	430	917	424	917
12	511	315	02	665	525	432	852	559	115	482	306	469													

Results of Radiosonde Observations,
MAWSON FEB., 1962

DAY	SURFACE			1000 MB.		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS				
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg																
01	987	5056	0.9	509	0.74	5073	1.1	118	5129	1.0	164	5150	0.9	264	5227	0.5	376	265	0.2			
02	985	5087	0.8	510	0.72	5084	0.9	116	5119	0.8	162	5171	0.8	261	5210	0.3	374	265				
03	986	5104	0.6	508	0.73	5119	0.6	117	5150	0.6	163	5163	0.6	262	5232	0.3	375	285	0.2			
04	992	5073	1.4	504	0.77	5117	0.9	121	5144	0.7	167	5159	0.4	266	5200		379	269	0.4			
05	995	5089	0.8	508	0.80	5107	1.2	123	5126	1.6	169	5110	0.6	270	5174	0.6	384	232	0.7			
06	991	5051	0.7	505	0.77	5081	1.2	5100	5100	0.5	168	5114	1.2	269	5175	1.1	384	219	0.8			
07	989	5049	1.4	508	0.76	5080	1.3	120	5121	1.2	166	5110	1.5	268	5149	1.2	384	177	1.2			
09	986	5050	0.4	510	0.73	5065	2.1	118	5095	1.6	155	5119	1.5	267	5126	1.5	383	184	1.1			
10	998	5033	1.9	000	0.83	5051	1.2	128	5100	1.0	174	5127	1.3	275	5185	0.9	389	242	0.5			
11	993	5053	0.9	505	0.78	5083	0.8	122	5122	0.7	168	5164	0.8	268	5175	0.5	388	196				
12	993	5056	0.6	504	0.78	5099	0.5	122	5131	0.5	168	5175	0.5	268	5195	0.5	381	247				
13	989	5085	0.7	507	0.75	5115	0.6	118	5146	0.6	154	5184	0.5	253	5221	0.4	375	277	0.2			
14	990	5076	0.9	506	0.76	5096	0.9	119	5130	0.8	155	5146	1.1	265	5205	0.8	378	291	0.5			
15	983	5034	1.9	512	0.71	5076	1.5	115	5114	1.4	151	5149	1.2	258	5221	0.7	371	264	0.6			
16	979	5044	1.0	515	0.68	5085	1.0	112	5098	1.0	158	5151	0.9	258	5206	0.8	372	226	0.4			
17	976	5001	1.1	518	0.66	5029	1.1	5079	5158	1.0	159	5109	0.8	259	5188	0.8	373	225				
18	987	5021	2.0	509	0.75	5060	1.2	119	5093	0.9	165	5138	0.8	265	5217	0.7	371	282	0.5			
19	982	5050	0.9	513	0.70	5080	1.1	114	5116	1.2	160	5139	1.1	261	5210	0.7	375	236	0.3			
20	981	5085	1.0	514	0.68	5095	0.8	112	5136	0.9	157	5165	0.9	258	5224	0.7	370	245	0.4			
22	981	5074	0.7	514	0.68	5105	0.6	112	5145	0.5	157	5181	0.5	256	5191	0.5	370	244	0.3			
22	980	5039	1.6	514	0.69	5076	0.9	113	5121	0.9	159	5164	0.9	259	5209	0.7	371	260	0.2			
24	973	5051	1.1	520	0.62	5088	0.9	106	5128	0.9	152	5155	1.1	251	5229	0.7	364	250	0.3			
24	978	5093	0.5	515	0.66	5143	0.4	109	5154	0.4	155	5170	0.6	254	5229	0.6	365	274	0.2			
25	983	5112	0.6	512	0.69	5138	0.8	112	5179	0.5	158	5179	0.4	258	5174		373	222				
26	969	5068	1.8	552	0.59	5070	1.8	104	5099	1.5	150	5154	1.3	251	5198	0.9	364	239	0.7			
27	976	5074	1.1	517	0.65	5094	1.4	109	5135	1.2	155	5138	0.7	255	5161	0.5	370	231				
28	970	5061	1.3	522	0.61	5064	1.7	108	5103	1.5	155	5139	1.3	255	5193	1.0	371	266	0.6			
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			
	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	
01	506	544	0.1	659	447	846	5150	5150	112	459	304	453	580	443	731	428	925	420				
02	504	541		656	461	844	5150	5150	110	440	303	456	578	422	729	418	923	416				
03	502	368		654	456	842	5158	5158	107	440	303	456	580	454	729	449	922	428				
04	509	355	0.2	662	427	852	515	517	458	455	309	455	585	452	735	440	928	446				
05	515	521	0.4	670	415	860	5149	5123	470	315	450	586	452	737	453	929	447					
06	517	280		674	368	867	518	518	510	319	474	588	455	737	453	935	377					
07	519	249	0.7	677	363	870	519	5128	520	317	473	584	454	739	412	935						
09	517	290	0.4	673	402	865	537	527	491	316	479	586	444	735	442	929	439					
10	521	293	0.2	677	401	867	537	527	497	316	462	587	446	735	448	928	445					
10	517	325	0.3	670	444	859	519	5122	496	311	471	587	447	731	425	925	426					
11	516	286		672	401	852	552	5119	515	308	477	577	450	727	459	920	451					
12	512	313		666	434	855	541	5113	549													
13	505	324		659	431	848	556	5112	479	302	472	573	446	722	441	915	444					
14	505	393	0.2	656	459	844	528	5109	471	299	465	569	455	719	435	912	441					
15	500	329	0.3	654	429	843	543	5107	475	299	453	570	447	719	439	912	445					
16	503	316	0.2	657	424	847	547	5110	473	302	446	574	436	724	434	918	428					
17	505	290		661	421	850	560	5113	473	304	461	575	421	727	422	922	423					
18	507	346	0.3	660	435	848	513	5114	476	305	463	575	445	725	440	918	431					
19	506	303	0.2	661	424	850	550	5115	475	305	460	575	459	725	443	915	429					
20	501	320	0.2	656	414	848	538	5107	484	297	473	567	454	724	447	918	432					
22	500	343		653	428	843	535	5107	485	299	454	571	429	723	415	918	370					
22	501	350	0.1	654	435	844	541	5109	484	301	452	572	448	721	443	915	435					
24	493	339	0.1	648	433	857	546	5109	487	305	436	568	428	719	416	915	399					
24	495	351	0.1	647	463	853	543	5110	471	291	456	562	451	711	445	904	438					
26	504	311		658	430	846	518	5112	480	302	481	570	465	717	462	910	440					
26	496	285	0.5	653	381	845	526	5111	459	303	446	574	446	724	446	917	435					
27	501	325	0.3	656	425	844	523	5111	459	302	457	574	442	724	440	917	442					
28	451	333	0.3	655	430	844	504	5113	452	303	473	572	464									

Results of Radiosonde Observations,
MAWSON MARCH 1962

DAY	SURFACE			1000 MB.		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS			
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg														
01	956	5066	18	5.33	0.49	5061	12	0.94	5101	11	1.40	5125	11	2.41	5208	0.9	3.54	245	0.6		
02	965	5036	18	5.26	0.57	5066	15	1.01	5098	16	1.47	5136	14	2.48	5186	1.1	3.61	257	0.6		
03	978	5040	12	5.16	0.67	5071	18	1.11	5099	14	1.58	5137	11	2.58	5209	0.8	3.71	266	0.7		
04	989	5024	17	5.08	0.77	5059	17	1.21	5093	17	1.68	5127	15	2.69	5195	0.9	3.81	272	0.5		
05	987	5087	13	5.09	0.73	5103	15	1.17	5135	13	1.65	5145	12	2.63	5208	0.8	3.75	281	0.5		
07	982	5057	21	5.13	0.70	5057	21	1.15	5080	13	1.62	5100	17	2.63	5186	1.0	3.76	270	0.5		
07	989	5055	11	5.08	0.75	5075	0.8	1.19	5117	0.7	1.65	5136	0.8	2.65	5216	0.5	3.78	285	0.3		
08	977	5124	17	5.16	0.65	5130	0.9	1.08	5168	0.9	1.54	5158	0.4	2.54	5204	0.3	3.66	285	0.2		
09	985	5153	04	5.09	0.70	5172	0.3	1.13	5209	0.2	1.58	5209	0.6	2.56	5209	0.3	3.69	250			
11	987	5176	03	5.09	0.71	5185	0.3	1.13	5210	0.2	1.59	5168	0.4	2.58	5219	0.3	3.70	300	0.2		
12	984	5151	05	5.11	0.69	5159	0.4	1.12	5182	0.4	1.57	5210	0.4	2.56	5188	0.3	3.71	200			
12	990	5121	04	5.05	0.75	5134	0.4	1.19	5172	0.3	1.64	5205	0.3	2.63	5179	0.3	3.78	181			
14	981	5118	08	5.13	0.67	5154	0.4	1.18	5140	0.3	1.63	5155	0.3	2.63	5176	0.3	3.78	210	0.3		
15	995	5116	07	502	0.78	5176	0.6	1.21	5208	0.6	1.55	5209	0.3	2.55	5190	0.3	3.69	196	0.7		
16	984	5108	08	511	0.70	5126	0.6	1.13	5156	0.6	1.59	5191	0.6	2.57	5216	0.8	3.69	280	0.6		
17	977	5130	05	516	0.66	5141	0.4	1.08	5195	0.4	1.53	5212	0.5	2.51	5224	0.4	3.63	264	0.3		
18	981	5115	11	513	0.68	5130	1.9	1.11	5160	1.1	1.56	5195	0.9	2.51	5275	0.5	3.62	299	0.4		
20	988	5180	05	507	0.72	5180	0.6	1.14	5218	0.5	1.59	5244	0.4	2.55	5270	0.2	3.66	314			
20	985	5117	07	511	0.69	5147	0.6	1.12	5175	0.4	1.58	5213	0.4	2.55	5255	0.3	3.65	305	0.1		
21	984	5116	05	508	0.70	5141	0.6	1.13	5181	0.5	1.58	5215	0.5	2.55	5257	0.4	3.66	329	0.2		
22	992	5177	03	505	0.75	5175	0.4	1.18	5209	0.4	1.63	5193	0.3	2.61	5254	0.2	3.71	342	0.2		
23	990	5169	05	506	0.75	5180	0.5	1.15	5214	0.3	1.53	5196	0.3	2.59	5254	0.2	3.69	335	0.1		
24	985	5155	06	509	0.70	5181	0.4	1.12	5222	0.3	1.56	5264	0.3	2.53	5265	0.2	3.65	335	0.1		
25	989	5161	03	506	0.73	5187	0.3	1.15	5222	0.3	1.60	5214	0.3	2.59	5225	0.2	3.69	310	0.2		
27	988	5174	04	507	0.71	5225	0.2	1.13	5261	0.2	1.57	5282	0.2	2.53	5267	0.2	3.64	526			
28	996	5171	03	502	0.71	5174	0.3	1.20	5155	0.3	1.65	5172	0.2	2.65	5224	0.2	3.67	300	0.2		
29	989	5173	04	507	0.74	5126	0.4	1.17	5165	0.3	1.63	5207	0.3	2.60	5224	0.2	3.70	305			
30	996	5128	04	501	0.79	5153	0.4	1.22	5184	0.4	1.67	5209	0.4	2.65	5225	0.2	3.75	264			
31	994	5153	05	504	0.77	5175	0.4	1.19	5204	0.3	1.64	5210	0.3	2.62	5232	0.2	3.75	258			
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS		
	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	
01	485	330	0.3	639	412	0.1	831	518	100	443	294	424	526	426	719	417	913	422			
02	492	335	0.3	645	430	0.1	834	530	102	446	296	434	5149	717	442	910	435				
03	501	349	0.3	653	445	0.1	841	563	101	459	293	452	5146	462	707	439	900	437			
04	510	369	0.2	661	466	0.1	846	588	110	468	301	453	573	452	722	438	915	431			
05	504	344	0.3	658	432	0.1	847	505	112	493	302	461	527	421	538	738	363	936	350		
07	506	365	0.2	657	463	0.1	844	534	113	415	308	451	515	451	719	431	913	431			
07	506	391	01	555	493	0.1	840	580	106	451	299	451	524	462	707	439	900	437			
08	494	380	01	546	461	0.1	833	555	097	475	288	464	527	462	709	512	907	512			
09	501	313	02	555	429	0.1	845	517	109	467	300	464	571	446	720	441	914	420			
11	497	380	01	649	457	0.1	836	556	100	459	291	468	561	453	679	444	903	430			
12	504	269	02	662	384	0.2	853	536	115	479	307	465	517	517	720	448	911	476			
12	512	275	02	659	379	0.2	861	535	124	491	313	493	579	493	724	509	912	500			
13	511	295	02	666	414	0.1	855	565	117	485	307	491	574	490	719	512	907	512			
14	503	238	08	663	344	0.3	858	489	119	527	306	506	571	494	717	509	905	490			
15	504	566	03	657	445	0.1	846	502	113	468	303	477	578	509	715	497	903	496			
16	499	352	04	653	439	0.1	840	564	105	455	298	459	567	481	714	491	903	495			
17	493	339	02	646	446	0.1	834	542	098	454	289	463	559	460	660	486	700	482	889	488	
18	489	400	02	659	484	0.1	826	497	095	462	286	471	553	486	670	497	887	489			
20	494	388	02	643	480	0.1	831	511	097	463	287	466	553	495	694	497	887	489			
20	494	562	04	645	469	0.1	832	547	096	477	286	476	552	504	698	503	885	499			
21	492	434	01	640	494	0.1	825	529	095	478	279	489	545	494	691	500	879	507			
22	497	410	01	645	520	0.1	829	554	093	480	283	481	549	503	695	504					
23	495	416	01	643	498	0.1	829	532	093	486	283	486	548	502	693	512	880	523			
24	489	417	01	637	511	0.1	823	508	090	483	280	488	548	487	694	490	883	496			
25	496	420	01	643	535	0.1	825	505	088	486	280	480	548	487	694	490	883	496			
26	490	410	01	638	508	0.1	823	505	090	467	280	488	546	484	691	503	895	525			
27	494	376	02	645	465	0.1	833	546	097	48											

Results of Radiosonde Observations,
MAWSON APRIL, 1962

DAY	SURFACE			1000 MB.			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS							
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$		MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm		GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$		GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$		GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$		GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$		GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$						
		mb	$^{\circ}\text{C} \times 10^{-1}$		dg/kg	gpDm		gpDm	$^{\circ}\text{C} \times 10^{-1}$		gpDm	$^{\circ}\text{C} \times 10^{-1}$	gpDm			$^{\circ}\text{C} \times 10^{-1}$	gpDm	$^{\circ}\text{C} \times 10^{-1}$								
01	985	5165	03	511	069	5187	03	112	5222	02	156	5245	02	255	5226	02	367	279	02	360	239	02	357	05		
02	989	5233	02	507	070	5241	02	112	5275	02	155	5300	02	248	5270	02	360	239	02	357	05	02	356	05		
03	964	5110	10	527	055	5097	12	099	5125	12	145	5155	12	245	5210	09	357	283	05	356	268	05	356	05		
04	965	5105	10	526	055	5107	08	099	5145	07	145	5190	06	243	5220	08	356	268	05	356	268	05	356	05		
05	976	5051	12	518	055	5038	11	110	5071	10	157	5115	09	253	5199	07	370	287	04	367	266	02	367	02		
06	980	5083	06	514	058	5111	09	111	5144	08	157	5183	08	256	5213	09	368	284	05	368	284	05	368	05		
07	982	5087	08	512	069	5109	09	113	5154	08	159	5177	08	258	5211	08	370	289	04	366	316	03	366	03		
08	980	5108	07	515	067	5139	08	110	5158	04	156	5191	06	255	5219	07	366	316	03	366	289	02	366	02		
10	977	5093	07	516	065	5135	05	109	5159	06	154	5152	07	254	5233	06	365	292	04	365	292	04	365	04		
11	982	5141	06	513	057	5135	08	111	5163	08	156	5206	07	255	5229	06	367	266	02	367	266	02	367	02		
12	997	5172	04	500	079	5214	04	121	5230	05	165	5192	06	264	5252	03	375	329	01	375	329	01	375	01		
13	010	5175	03	509	088	5180	130	5192	176	5180	176	5180	176	275	5225	06	387	264	06	369	314	03	369	03		
14	998	5127	09	500	080	5175	05	122	5142	12	169	5145	13	269	5213	08	382	246	07	361	253	07	361	07		
15	983	5119	10	512	069	5142	05	112	5179	05	158	5218	05	256	5219	06	368	299	03	368	299	03	368	03		
17	981	5171	05	513	066	5151	04	103	5159	03	154	5176	03	254	5208	03	366	289	02	366	289	02	366	02		
17	982	5157	08	512	067	5194	07	110	5214	06	155	5212	07	254	5196	09	367	284	05	367	284	05	367	05		
18	984	5240	03	510	067	5204	04	109	5243	03	153	5281	03	248	5278	04	358	334	02	358	334	02	358	02		
19	987	5126	08	509	071	5172	07	113	5213	06	158	5241	05	255	5264	05	365	319	02	365	319	02	365	02		
20	996	5150	05	501	079	5149	03	122	5154	03	168	5165	03	267	5227	07	378	314	03	369	314	03	369	03		
21	985	5173	05	510	069	5169	08	112	5137	11	159	5160	10	258	5229	06	369	314	03	369	314	03	369	03		
23	975	5183	03	517	062	5175	03	104	5210	03	149	5173	07	248	5212	07	361	253	07	361	253	07	361	07		
24	985	5180	02	511	066	5245	02	108	5262	02	151	5300	01	247	5281	03	357	296	05	357	296	05	357	05		
24	997	5202	02	501	077	5253	02	116	5231	02	153	5201	01	262	5215	07	396	273	05	396	273	05	396	05		
25	989	5150	12	507	075	5184	07	115	5205	07	160	5200	08	259	5219	08	370	303	04	370	303	04	370	04		
26	987	5131	05	508	072	5176	03	114	5213	03	159	5239	03	257	5243	05	368	314	03	368	314	03	368	03		
27	986	5175	03	509	070	5199	112	5240	03	156	5210	02	254	5237	05	366	300	02	366	300	02	366	02			
28	979	5122	09	515	066	5088	07	110	5129	05	156	5173	06	255	5244	05	365	294	04	365	294	04	365	04		
29	980	5164	05	514	065	5171	03	108	5216	03	153	5216	03	251	5266	05	360	305	02	360	305	02	360	02		
30	982	5224	04	512	066	5186	07	103	5204	04	153	5190	04	254	5254	03	362	326	02	362	326	02	362	02		
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS				
	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$		MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm		GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$		GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$		GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$		GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$		GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$						
		dg/kg	gpDm		dg/kg	gpDm		dg/kg	gpDm		dg/kg	gpDm		dg/kg	gpDm		dg/kg	gpDm		dg/kg	gpDm	dg/kg	gpDm			
01	497	3449	03	649	450	836	566	100	480	289	495	553	511	696	530	02	561	494	696	511	882	530	02	561	882	
02	490	317	02	645	411	837	511	101	493	289	486	553	528	697	525	02	562	496	697	520	851	598	02	562	851	
03	486	371	02	637	461	825	503	092	461	283	466	561	494	696	511	02	562	496	696	511	876	516	02	562	876	
04	485	357	01	637	457	824	554	087	481	277	490	542	496	688	507	02	563	496	688	507	876	516	02	563	876	
06	499	349	05	651	460	838	568	094	522	281	504	545	513	670	522	02	564	513	670	522	876	516	02	564	876	
06	496	386	02	647	482	832	585	088	542	273	527	534	545	675	561	02	565	545	675	561	876	516	02	565	876	
07	498	394	01	648	487	832	589	091	520	277	532	547	559	679	565	02	566	559	679	565	876	516	02	566	876	
08	494	384	02	645	469	831	560	093	515	276	530	539	555	680	555	02	567	555	680	555	876	516	02	567	876	
10	494	336	02	641	483	830	591	090	507	277	500	489	549	525	683	561	02	568	549	683	561	876	516	02	568	876
11	492	396	02	641	514	823	585	084	552	267	555	524	585	684	585	02	569	524	684	585	876	516	02	569	876	
12	505	420	01	649	514	831	607	087	557	270	551	529	585	680	582	02	570	529</td								

Results of Radiosonde Observations,
MAWSON MAY 1962

DAY	SURFACE			1000 MB.		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS					
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg																
01	9.91	5.222	0.3	5.06	0.72	5.219	0.5	5.14	5.211	0.4	5.19	5.196	0.4	5.27	5.247	0.3	5.69	3.26	0.2				
02	0.01	5.189	0.5	0.02	0.80	5.235	0.4	1.22	5.235	0.4	1.66	5.194	0.8	2.66	5.208	0.8	3.78	2.83	0.5				
03	0.03	5.222	0.3	0.04	0.81	5.219	0.2	5.03	5.175	1.0	5.151	5.151	1.1	2.69	5.201	0.8	3.82	2.60	0.6				
04	9.93	5.189	0.5	5.03	0.76	5.189	0.2	1.13	5.220	0.5	1.63	5.222	0.5	2.52	5.206	0.8	3.75	2.62	0.6				
05	9.89	5.186	0.3	5.06	0.72	5.240	0.2	1.14	5.259	0.4	1.58	5.244	0.7	2.47	5.221	0.6	5.69	2.92	0.4				
06	9.94	5.195	0.4	5.05	0.76	5.238	0.4	1.17	5.240	0.2	1.61	5.230	0.6	2.59	5.235	0.6	3.70	3.02	0.4				
07	9.90	5.245	0.3	5.07	0.71	5.262	0.2	1.12	5.244	0.5	1.55	5.300	0.1	2.51	5.270	0.2	3.61	3.24	0.1				
08	9.89	5.218	0.3	5.08	0.70	5.271	0.2	1.11	5.237	0.5	1.56	5.272	0.3	2.53	5.242	0.2	3.64	3.09	0.1				
09	9.85	5.206	0.3	5.10	0.69	5.194	0.2	1.11	5.237	0.2	1.56	5.246	0.5	2.52	5.288	0.2	3.62	3.02	0.2				
10	9.99	5.179	0.3	5.01	0.79	5.218	0.2	1.11	5.217	0.2	1.65	5.271	0.2	2.62	5.231	0.5	3.75	2.66	0.1				
11	9.85	5.133	1.2	5.12	0.70	5.127	1.2	1.13	5.151	1.2	1.59	5.159	1.0	2.59	5.200	0.8	3.72	3.00	0.6				
13	9.91	5.101	1.0	5.06	0.75	5.151	1.5	1.19	5.181	0.9	1.61	5.185	0.7	2.60	5.218	0.7	3.72	2.94	0.4				
14	9.83	5.148	0.5	5.04	0.76	5.157	0.3	1.19	5.181	0.5	1.64	5.201	0.4	2.62	5.251	0.3	3.73	2.82	0.2				
15	9.83	5.220	0.4	5.12	0.69	5.200	0.3	1.10	5.216	0.3	1.55	5.225	0.5	2.52	5.252	0.2	3.63	3.05	0.2				
16	9.92	5.215	0.3	5.13	0.66	5.237	0.4	1.05	5.275	0.4	1.48	5.14	0.3	2.43	5.287	0.3	3.54	3.04	0.1				
17	9.93	5.236	0.2	5.05	0.72	5.274	0.1	1.13	5.289	0.1	1.56	5.306	0.1	2.54	5.212	0.2	3.66	2.51	0.2				
18	9.83	5.214	0.5	5.04	0.74	5.232	0.5	1.15	5.230	0.5	1.59	5.251	0.4	2.58	5.221	0.6	3.70	2.45	0.6				
19	9.83	5.246	0.2	5.11	0.65	5.245	0.2	1.08	5.234	0.2	1.52	5.252	0.5	2.50	5.222	0.3	3.62	2.75	0.2				
20	9.83	5.233	0.3	5.10	0.66	5.275	0.1	1.07	5.307	0.1	1.50	5.433	0.8	2.46	5.245	0.4	3.57	3.00	0.2				
21	9.84	5.224	0.4	5.10	0.69	5.211	0.3	1.08	5.255	0.3	1.51	5.296	0.2	2.46	5.286	0.3	3.56	3.29	0.1				
22	9.92	5.220	0.3	5.05	0.73	5.216	0.4	1.10	5.235	0.3	1.53	5.221	0.5	2.51	5.285	0.2	3.60	3.60	0.1				
23	9.93	5.189	0.4	5.07	0.75	5.216	0.3	1.16	5.234	0.3	1.62	5.194	0.7	2.60	5.249	0.6	3.70	3.41	0.3				
24	9.95	5.155	0.6	5.01	0.78	5.204	0.5	1.20	5.239	0.4	1.64	5.262	0.5	2.62	5.251	0.5	3.72	3.35	0.2				
25	9.97	5.144	0.9	5.01	0.79	5.176	0.7	1.21	5.216	0.6	1.65	5.247	0.5	2.63	5.229	0.7	3.74	3.19	0.3				
27	9.86	5.172	1.1	5.09	0.72	5.144	0.8	1.15	5.182	0.7	1.60	5.210	0.7	2.59	5.239	0.6	3.70	3.09	0.4				
28	9.99	5.172	0.5	5.05	0.80	5.180	0.4	1.23	5.213	0.4	1.67	5.241	0.4	2.66	5.228	0.2	3.77	3.12	0.1				
30	9.84	5.155	0.6	5.01	0.71	5.112	0.2	1.21	5.255	0.2	1.65	5.241	0.3	2.63	5.242	0.2	3.71	3.06	0.1				
31	9.90	5.126	0.9	5.02	0.56	5.163	0.7	1.13	5.154	0.7	1.63	5.201	0.6	2.56	5.254	0.6	3.67	3.04	0.1				
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS				
	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$			
01	4.96	3.89	0.1	6.47	4.76	8.33	5.56	0.93	5.24	2.79	5.25	5.38	5.68	5.79	5.84								
02	5.06	3.92	0.2	6.56	4.80	8.41	5.93	0.97	5.39	2.93	5.27	5.45	5.80	6.04	6.28								
03	5.12	3.50	0.3	6.64	4.73	8.48	5.91	1.10	5.13	2.35	5.57	5.44	5.60	5.85	6.26								
04	5.04	3.66	0.2	6.54	4.82	8.41	5.86	0.97	5.64	2.79	5.54	5.36	5.85	6.72	6.04	8.51	6.19						
05	4.97	3.61	0.2	6.49	4.76	8.33	5.93	0.84	5.08	2.93	5.64	5.88	6.06	6.57	6.10								
06	4.98	3.88	0.2	6.49	4.74	8.33	6.07	0.82	5.09	2.92	5.68	5.15	6.18	6.52	6.10								
07	4.88	3.89	0.2	6.39	4.56	8.28	5.26	0.95	5.75	2.55	5.97	5.17	5.18	6.53	6.47								
08	4.92	3.50	0.2	6.45	4.42	8.33	5.77	0.88	5.77	2.55	5.92	5.21	6.20	6.58	6.37								
09	4.89	3.94	0.4	6.39	4.86	8.23	6.09	0.78	5.58	2.51	5.72	5.16	6.00	6.54	6.17								
10	5.05	3.87	0.3	6.62	4.11	8.51	5.55	1.02	5.59	2.78	6.17	5.29	6.23	6.66	6.41	8.42	6.60						
11	5.01	3.20	0.3	6.55	4.54	8.43	5.98	1.10	5.74	2.79	5.71	5.33	6.04	6.58	6.32								
13	5.00	3.55	0.2	6.52	4.63	8.45	6.05	0.86	5.04	2.68	5.79	5.21	6.23	6.58	6.41								
15	5.02	3.66	0.1	6.53	4.80	8.37	6.08	0.84	5.02	2.67	6.10	5.19	5.32	6.54	6.60								
16	4.98	3.04	0.1	6.29	5.12	8.24	5.94	0.75	5.17	2.53	6.07	5.04	5.33	6.40	6.57								
17	5.01	3.26	0.3	6.53	4.45	8.42	5.56	0.97	5.70	2.78	5.94	5.30	6.34	6.65	6.63								
18	4.92	3.41	0.4	6.44	4.55	8.31	5.67	0.87	5.81	2.69	5.90	5.22	6.05	6.60	6.38								
19	4.85	3.81	0.1	6.36	4.83	8.20	5.00	0.71	5.97	2.51	6.00	5.03	6.25	6.40	6.44								
20	4.82	4.13	0.3	6.31	4.94	8.15	5.14	0.67	5.67	2.47	5.96	4.98	6.22	6.36	6.49								
21	4.85	4.36	0.2	6.32	5.32	8.14	5.94	0.66	6.03	2.45	6.09	4.95	6.42										
22	4.91	4.28	0.2	6.39	5.25	8.21	5.25	0.71	6.08	2.49	6.32	4.96	6.65	6.31	6.84								
23	4.94	4.51	0.4	6.41	5.24	8.23	5.18	0.74	6.22	2.51	6.22	4.99	6.65	6.34	6.81								
24	4.97	4.36	0.4	6.43	5.54	8.23	5.39	0.74	6.10	2.52	6.19	5.00	6.65	6.35	6.79								
25	5.00	4.29	0.2	6.46	5.44	8.20	5.98	0.81	6.06	2.59													

Results of Radiosonde Observations,
MAWSON JUNE, 1962

DAY	SURFACE				1000 MB.		900 MILLIBARS		850 MILLIBARS		800 MILLIBARS		700 MILLIBARS		600 MILLIBARS							
	g	PRESSURE $^{\circ}\text{C} \times 10^{-1}$	TEMPER- ATURE dg/kg	MIXING RATIO	gpdm	gpdm	$^{\circ}\text{C} \times 10^{-1}$	TEMPER- ATURE dg/kg	MIXING RATIO	gpdm	$^{\circ}\text{C} \times 10^{-1}$	TEMPER- ATURE dg/kg	MIXING RATIO	gpdm	$^{\circ}\text{C} \times 10^{-1}$	TEMPER- ATURE dg/kg	MIXING RATIO	gpdm	$^{\circ}\text{C} \times 10^{-1}$	TEMPER- ATURE dg/kg	MIXING RATIO	
01	9.95	5079	1.0	502	0.80	5088	0.9	1.23	5118	1.0	5151	1.0	26.9	5230	0.7	581	28.9	0.4				
02	9.03	5094	0.6	0.04	0.85	5110	0.6	1.29	5146	0.6	5174	0.8	27.3	5206	0.6	386	27.4	0.4				
03	0.06	5100	0.4	0.05	0.87	5136	0.4	1.31	5174	0.4	1.76	5180	0.5	27.5	5187	0.4	389	25.2	0.3			
04	0.06	5060		0.07							1.79	5140		28.0	5185	0.7	394	21.7	0.8			
05	0.07	5054		0.06	0.89	5080		1.35	5115		1.79	5149		27.9	5181		394	22.6				
06	0.17	50189	0.5	0.11	0.89	5209	0.4	1.31	5242	0.5	1.76	5201	0.3	27.5	5204		387	28.8				
07	0.10	5187	0.7	0.09	0.87	5207	0.6	1.29	5245	0.5	1.73	5268	0.4	27.1	5235	0.7	382	31.8	0.5			
08																						
09	0.11	5067	1.4	0.10	0.93	5050		1.37	5055		1.84	5131		28.6	5155		403	17.8	0.4			
10	0.13	5042	1.0	0.12	0.95	5026		1.40	5076		1.87	5125		28.8	5124	0.6	405	18.4	0.4			
11	0.22	5133	0.6	0.19	1.00	5100		1.44	5129	0.4	1.91	5105		29.3	5146	0.5	411	21.1	0.4			
12	0.22	5131	0.9	0.19	1.01	5050		1.46	5038	0.8	1.94	5046		29.8	5075	1.1	416	14.9	0.7			
13	0.22	5111	1.0	0.09	5144	0.66	1.19	5156	1.1	1.30	5098	1.9	1.77	5105	2.0	28.0	5086	2.7	39.8	14.7	1.8	
14	0.77	5054		0.09	5144	0.66	5156		1.09	5164	1.1	1.54	5147	1.3	25.5	5176		36.9	24.6			
15	0.86	5217	0.3	0.09	509	0.69	5245	0.3	1.10	5211	0.3	1.55	5155		25.5	5208		36.7	28.4			
16	0.86	5218	0.3	0.01	0.77	5201	0.5	1.19	5160	0.7	1.65	5175	0.6	25.4	5221	0.3	37.6	29.4	0.2			
17	0.93	5191	0.6	0.04	0.75	5177	0.4	1.18	5176	0.4	1.63	5168	0.9	25.4	5160	1.3	37.9	20.3	1.0			
18	0.95	5195	0.5	0.02	0.70	5210	0.5	1.11	5243	0.4	1.55	5266	0.4	25.1	5276	0.3	36.1	32.7	0.2			
19	0.86	5224	0.4	0.12	0.65	5248	0.2	1.07	5285	0.2	1.50	5326	0.1	25.4	5318	0.2	35.2	33.0				
20	0.86	5174	0.5	0.09	0.70	5210	0.4	1.12	5247	0.3	1.50	5180	0.3	25.0	5344	0.2	35.9	36.3	0.2			
21	0.92	5207	0.5	0.04	0.73	5235	0.2	1.15	5273	0.1	1.58	5110	0.2	25.2	5326		56.0	35.4	0.2			
22	0.91	5194	0.4	0.05	0.73	5208	0.3	1.17	5207	0.3	1.60	5247	0.2	25.7	5244		36.6	40.2	0.2			
23	0.91	5165	0.5	0.04	0.83	5169	0.3	1.26	5210	0.2	1.70	5244	0.2	26.9	5259		37.8	32.9	0.2			
24	0.00	5116	0.6	0.00	0.81	5124	0.5	1.24	5166	0.6	1.69	5210	0.4	25.5	5285	0.3	37.7	31.2	0.3			
25	0.01	5119	0.4	0.02	0.83	5142	0.4	1.26	5172	0.5	1.71	5180	0.3	27.1	5194	0.6	38.5	24.6	0.5			
26	0.03	5133	0.4	0.04	0.85	5129		1.28	5156		1.74	5155		27.5	5180		38.8	24.4				
27	0.00	5140	0.6	0.00	0.81	5153		1.24	5188		1.70	5188		26.9	5192		38.3	26.7				
28	0.01	5188	0.3	0.00	0.81	5203	0.2	1.23	5230	0.2	1.67	5251	0.2	26.4	5221		37.6	28.0				
29	0.84	5209	0.3	0.08	0.68	5194		1.11	5209		1.55	5212		25.4	5217		36.6	27.4				
30	0.93	5228	0.3	0.04	0.73	5248		1.15	5283		1.60	5310	0.1	25.5	5300	0.1	36.2	33.5				
DAY	500 MILLIBARS				400 MILLIBARS		300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS					
	GEOPOT- ENTIAL	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO	gpdm	GEOPOT- ENTIAL	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO	gpdm	GEOPOT- ENTIAL	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO	gpdm	GEOPOT- ENTIAL	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO	gpdm	GEOPOT- ENTIAL	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO			
01	510	345	0.3	662	463	847	606	0.93	691	265	680	507	702									
02	516	339	0.3	669	452	854	615	0.98	696	270	682	513	697									
03	520	334	0.2	673	447	859	598	1.03	704	276	677	519	700	651	710							
04	526	323	0.4	680	441	866	597	1.10	718	282	676	527	673	662	671							
05	525	327		679	434	865	603	1.09	711	282	660	527	673	662	652							
06	516	361		667	450	853	606	1.00	646													
07	509	366	0.2	661	465	848	567	1.00	618	278	619	528	634	665	652							
08																						
09	537	273	0.5	694	397	0.1	883	569	1.30	674	305	635	554	632	691	641						
10	539	277	0.5	695	399	0.2	886	539	1.32	725	304	624	554	640	689	662	863	866	700			
11	544	271		702	385	893	550	1.41	733	315	627	560	694	694	686	865	866	700				
12	551	244	0.4	710	379	0.2	901	534	1.50	733	315	773	554	717								
13	534	241	0.8	693	360	0.3																
14	499	339	0.2	652	465	839	573	0.91	636	266	678	508	712	640	727							
15	495	387		645	486	830	600	0.80	610	255	694	436	716	629	693							
16	505	355	0.2	657	467	842	597	0.85	747	254	715											
17	511	292	0.5	666	421	855	559	1.02	724	270	721											
18	487	423		634	511	818	576	0.70	627	246	659	490	689	620	715							
19	479	409		629	489	813	592	0.61	666	235	670	477	711									
20	483	449		630	506	814	587	0.62	659	236	680	477	726	607	743							
21	485	447	0.1	632	517	814	601	0.64	650	240	664	413	711									
22	495	346		650	446	837	593	0.80	756	249	724	485	754									
23	504	423		651	533	834	615	0.79	710	250	726											
24	504	374	0.1	655	496	838	619	0.85	649	256	719											
25	515	354	0.1	667	433	855	565	1.01	730	270	730	506	756									
26	519	336	0.1	671	443	857	614	1.03	705	273	708	512	744	641	766							
27	512	354	0.1	668	470	848	605	0.94	702	266	699	505	735	635	7							

Results of Radiosonde Observations,
MAWSON JULY, 1962

DAY	SURFACE			1000 MB.			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS					
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg																		
01 906	5224	02	506	083	5241	02	125	5274	02	169	5296	02	266	5237	02	377	299							
02 991	5189	03	505	073	5216	02	115	5244	02	159	5269	02	256	5257	02	369	327							
03 981	5175	05	513	065	5209	06	108	5236	05	151	5274	04	247	5295	04	357	346	03						
04 982	5119	08	513	068	5154	08	111	5185	08	156	5216	07	253	5262	05	363	332	03						
05 984	5140	06	511	069	5166	06	112	5193	06	157	5230	05	255	5238	06	365	319	03						
06 987	5152	06	508	071	5194	05	113	5235	04	168	5260	04	266	5266	05	353	344	02						
07 982	5189	04	513	066	5210	03	105	5244	03	152	5261	03	248	5272	04	357	350	01						
08 980	5260	03	513	063	5261	02	105	5242	02	148	5294	02	244	5266										
09 990	5238	03	505	071	5280	03	112	5309	03	155	5311	03	251	5281	04	360	357	02						
10 989	5269	01	501	070	5285	01	110	5311	01	153	5244	02	249	5299	02	357	376	01						
12 959	5159	11	530	050	5149	11	093	5157	11	139	5176	10	237	5245	06	348	325	03						
13 976	5119	05	527	054	5120	05	097	5155	04	143	5184	05	241	5254	04	351	333	03						
14 987	5212	03	508	070	5225	03	111	5239	04	160	5234	03	250	5269	03	357	335	04						
15 988	5245	02	514	063	5236	02	105	5274	02	149	5249	02	249	5266	02	362	345	01						
16 984	5232	02	512	067	5250	03	109	5243	03	146	5251	03	246	5265		355	342	01						
17 972	5166	05	520	059	5170	03	102	5215	03	146	5251	03	240	5254		361	314							
18 974	5221	02	518	059	5185	02	102	5225	02	146	5251	02	240	5266	03	353	335	02						
19 984	5189	04	510	068	5226	03	110	5266	03	153	5206	04	246	5262		352	339							
20 995	5204	03	502	076	5228	03	117	5266	03	154	5253	04	250	5264	02	360	325							
21 996	5167	03	501	077	5214	02	120	5231	02	155	5175	02	263	5242	06	374	309	04						
22 990	5213	03	507	071	5175	03	114	5211	03	159	5215	02	257	5237	03	368	302	03						
23 984	5196	02	511	061	5218	02	109	5256	01	153	5262	02	250	5295	03	360	308							
24 984	5292	02	510	065	5294	02	106	5318	01	149	5338	01	243	5305		352	367							
25 987	5306	01	508	057	5327	01	107	5345	01	149	5375	01	242	5345		349	381							
26 998	5301	02	503	075	5314	01	115	5343	01	158	5308	01	254	5267	05	364	343	02						
27 996	5267	02	501	075	5260	01	117	5270	01	164	5262	02	261	5273	03	371	350	02						
28 977	5249	02	516	061	5240	02	102	5262	01	146	5281	02	243	5284	03	352	353	02						
29 978	5279	02	515	061	5274	00	102	5304	01	145	5300	01	240	5296		349	343							
30 990	5296	01	505	070	5303	01	111	5337	01	156	5365	01	251	5294	03	360	353							
31 993	5310	01	504	071	5299	01	117	5320	01	161	5251	01	257	5273	02	367	320							
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS		
	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg																					
01 506	365			657	470		843	587	091	670	264	682	506	712										
02 493	405			643	479		827	611	075	665	248	690	498	729										
03 482	406	02		631	514		812	631	059	660	233	680	474	725	605	733								
04 489	427	01		635	530		816	535	063	666	237	692	477	732										
05 491	422			638	537		820	642	063	710	232	738	468	762										
06 489	430			637	496		820	631	063	728	231	749												
07 483	399			633	498		816	529	059	722	228	744												
08 479	414			627	521		808	631	053	699	224	715												
09 485	440			631	536		812	546	054	721	223	729	460	757										
10 484	469			629	564		809	528	055	670	228	704												
12 474	416			623	465		810	589	055	704	227	703												
13 483	424			625	499		808	543	055	672	228	694												
14 487	422			630	519		813	624	059	664	233	684	479	694										
15 480	436			628	502		816	631	064	657	238	677	480	703										
16 487	406			636	499		811	623	059	649	235	649	482	550	618	649								
17 478	445			624	520		819	635	063	704	237	698	479	702										
18 478	423			625	523		804	645	047	709	217	720												
19 486	410			634	532		801	659	046	711	218	721												
20 501	394	01		650	499		832	666	071	704	227	724												
21 501	400	02		651	486		835	621	075	700	236	772												
22 493	379	02		643	490		825	632	065	785	230	767	472	780										
23 487	394			636	508		817	656	055	765	231	750	459	700										
24 476	437			623	541		803	660	042	734	209	779	441	790										
25 473	453			619	545		798	665	039	711	209	737												
26 489	435			636	524		817	622	059	755	226	750												
27 496	427			643																				

Results of Radiosonde Observations,
MAWSON AUGUST 1962

Results of Radiosonde Observations,
MAWSON SEPT., 1962.

DAY	SURFACE			1000 MB.		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS			
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	GEOPOT- ENTIAL	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	GEOPOT- ENTIAL	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	GEOPOT- ENTIAL	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm		
01	995	5236	03	502	075	5261	03	116	5272	03	160	5244	05	259	5214	05	371	272	04		
02	982	5226	00	514	066	5197	02	108	5216	03	153	5255	04	251	5195	06	364	254			
03	978	5177	03	515	064	5185	04	106	5224	04	151	5260	04	249	5226	05	361	259			
04	976	5193	00	507	062	5204	04	104	5241	04	148	5259	02	245	5240	02	357	281	02		
05	984	5172	05	510	069	5214	03	110	5245	03	154	5250	04	251	5271	04	361	325	02		
06	985	5186	05	510	069	5186	04	111	5225	04	156	5226	05	253	5292	05	362	385	02		
07	987	5204	04	508	071	5187	03	113	5226	02	157	5264	02	254	5262	02	364	352	02		
08	998	5205	04	500	078	5215	04	120	5249	04	164	5303	04	241	5268	02	370	349	01		
09	993	5175	04	503	075	5223	04	117	5250	04	161	5235	04	258	5261	02	369	410	04		
10	994	5174	05	503	075	5225	02	117	5266	02	161	5290	02	258	5287	04	361	312	04		
11	994	5160	04	502	075	5165	03	118	5245	03	162	5280	03	258	5275	04	368	385	00		
12	984	5168	03	510	069	5194	03	111	5226	03	155	5273	03	251	5279	03	361	314	02		
13	980	5156	03	513	066	5207	05	108	5236	05	152	5267	04	247	5329	03	357	360	03		
14	977	5189	07	515	065	5214	05	105	5216	03	149	5239	04	245	5292	03	355	317	01		
15	978	5176	03	514	065	5211	04	107	5252	04	151	5278	04	246	5309	03	354	354	02		
16	985	5189	05	510	069	5203	04	111	5241	04	155	5276	03	249	5310	03	357	364	02		
17	985	5223	05	510	069	5225	03	110	5254	03	154	5268	03	249	5287	03	359	361	01		
18	986	5216	03	508	069	5249	02	111	5281	02	154	5311	02	249	5292	03	359	320			
19	999	5222	03	500	078	5257	03	119	5296	03	163	5278	03	259	5302	03	367	369	02		
20	998	5251	02	500	076	5293	01	117	5317	01	150	5250	02	257	5276	02	366	371	01		
21	989	5260	02	506	069	5275	02	110	5307	01	153	5316	01	248	5307	02	356	350			
22	985	5274	01	501	066	5285	01	107	5315	01	150	5328	01	244	5321	02	352	358			
23	987	5264	01	508	068	5283	01	109	5305	01	151	5329	01	246	5295	03	355	353			
24	991	5249	02	505	071	5257	02	112	5281	02	156	5314	01	251	5301	02	360	335	02		
25	995	5256	01	502	075	5256	01	116	5292	01	159	5323	01	254	5284	03	364	347			
26	993	5256	02	504	074	5193	03	116	5215	02	161	5196	01	259	5246	01	371	274			
27	985	5164	05	509	070	5187	02	113	5200	02	157	5182	02	256	5218	03	369	269			
28	974	5133	12	519	062	5109	10	105	5130	08	151	5165	08	251	5225	07	362	296	04		
29	980	5138	03	514	065	5154	05	109	5192	05	154	5232	04	251	5240	05	362	295	03		
30	993	5166	06	504	075	5191	03	118	5203	04	163	5226	03	261	5222	07	373	287	05		
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS		
	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm		
01	501	349	03	652	480	838	580	089	666	262	670	503	726								
02	493	316	00	649	452	837	561	085	702	237	486	730									
03	491	350	03	643	437	831	574	077	718	247	704										
04	486	374	02	636	476	821	598	065	732	233	732										
05	487	400	02	636	505	819	607	063	704	234	715										
06	487	444	02	633	505	815	630	059	700	229	732										
07	489	425	02	637	514	819	624	067	681	238	700	479	714								
08	497	400	04	647	456	835	556	087	659	259	688	499	729								
09	500	310	04	647	456	843	574	087	678	251	799										
10	496	370	03	647	464	832	604	073	778	236	807										
11	495	385	02	647	437	833	591	076	788	240	789										
12	489	386	02	640	446	827	582	071	760	237	755	472	753	602	734						
13	485	401	02	633	494	817	613	063	690	235	711	475	710	607	711						
14	485	381	03	633	498	815	641	059	712	228	723	466	734								
15	479	421	02	627	512	809	622	054	702	223	738										
16	482	454	02	628	537	809	620	054	701	224	723										
17	484	436	02	631	524	812	621	058	695	229	718										
18	486	409	03	634	511	816	635	059	721	229	719	467	737								
19	491	442	02	637	545	817	656	059	711	228	732	465	750								
20	490	465	03	635	545	816	630	060	703	230	725										
21	482	412	02	631	509	813	605	061	675	233	704										
22	478	426	02	625	515	808	606	055	696	225	722										
23	480	418	02	628	519	811	599	059	675	232	715	472	717								
24	486	419	03	633	531	816	596	065	668	237	699	477	734	607	733						
25	489	433	03	636	518	820	604	069	663	242	686	485	696								
26	500	362	02	652	464	837	613	078	766	244	749	480	735								
27	497	348	03	649	469	834	611	077	750	244	736	477	713	609	705	782					
28	491	374	02	642	464	827	613	067	723	238	724										
29	490	376	02	641	487	824	632	068	693	07	707										
30	501	375	03	652	494	833	645	076	707												

Results of Radiosonde Observations,
MAWSON OCT., 1962

DAY	SURFACE				1000 MB.		900 MILLIBARS		850 MILLIBARS		800 MILLIBARS		700 MILLIBARS		600 MILLIBARS				
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg													
01	977	5133	12	516	5156	10	107	5182	9	152	5219	07	250	5264	05	362	286	04	
02	970	5160	06	522	5157	04	101	5201	04	146	5234	03	243	5255	04	353	314	03	
03	973	5146	06	519	5161	07	103	5200	06	148	5232	05	245	5295	04	354	323	03	
04	975	5163	05	518	5184	04	104	5204	04	149	5236	04	245	5284	03	355	331	03	
05	981	5129	06	513	5170	05	109	5212	05	154	5243	05	251	5294	04	360	359	02	
06	968	5166	07	523	5170	06	99	5211	05	144	5252	04	240	5270	01	351	313	02	
07	969	5140	06	523	517	05	100	5201	05	145	5240	04	241	5247	05	351	305	04	
08	976	5122	07	517	5158	05	106	5203	05	151	5235	05	247	5295	05	358	323	03	
09	972	5175	04	519	5160	04	103	5184	04	148	5205	04	246	5240	03	357	310	02	
10	971	5148	04	521	5159	04	102	5194	04	147	5217	04	249	5299	03	356	317	03	
11	975	5114	09	513	5131	07	107	5183	06	152	5216	06	249	5255	05	360	314	03	
12	988	5128	06	508	5170	05	115	5180	05	160	5204	04	258	5230	03	369	289	02	
13	979	5107	09	503	5177	06	120	5183	05	155	5186	07	264	5217	07	377	259	05	
14	976	5140	11	517	5140	11	106	5152	10	152	5184	09	251	5227	06	363	257	05	
16	980	5129	10	514	5144	07	110	5176	06	155	5210	06	253	5244	04	365	297	03	
16	982	5121	12	512	5159	11	112	5144	12	158	5144	14	258	5206	09	371	275	05	
17	977	5123	10	517	5145	10	107	5181	09	152	5199	08	250	5272	05	359	353	02	
18	977	5184	04	516	5163	21	105	5252	04	148	5273	03	245	5261	02	354	340	02	
19	978	5254	03	516	5125	03	104	5280	03	147	5288	02	243	5324	02	350	384	02	
20	981	5226	02	513	5165	24	106	5281	02	150	5283	02	245	5305	01	353	348		
21	987	5247	03	508	5169	25	110	5274	02	154	5274	02	250	5284	04	359	338		
22	993	5212	03	504	5174	22	116	5264	02	161	5213	02	258	5250	04	369	300	04	
23	992	5154	07	504	5183	18	118	5211	07	162	5240	06	260	5250	05	371	301	02	
24	982	5153	05	512	5168	16	110	5190	03	155	5207	03	254	5240	03	364	324	03	
25	969	5169	06	522	5157	14	099	5217	07	144	5253	06	241	5270	04	351	328	02	
27	975	5167	05	519	5162	19	105	5215	06	149	5252	05	245	5270	05	355	339	02	
27	988	5195	04	508	5171	20	113	5239	04	157	5276	03	255	5242	06	365	318	01	
28	983	5166	07	513	5166	19	109	5229	03	153	5260	03	251	5261	02	361	327		
29	972	5099	08	520	5161	07	105	5157	06	150	5199	07	248	5270	05	358	315	03	
30	976	5086	14	511	5170	10	114	5156	09	159	5194	09	257	5264	06	367	323	03	
31	978	5121	06	516	5127	06	108	5170	05	153	5207	05	251	5247	05	362	325	02	
DAY	500 MILLIBARS				400 MILLIBARS		300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS		
	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg																
01	489	390	02	639	468	824	618	071	670	245	675	488	679						
02	480	399	01	630	498	813	625	058	678	231	679								
03	480	409	01	629	519	810	631	057	667	231	662	479	659	614	649				
04	481	417		629	524	810	636	055	685	228	695	471	675	606	664				
05	484	436		631	535	812	641	071	684	243	694	485	705	618	696	790	677		
07	479	376	00	630	466	815	586												
07	479	377	02	629	485	813	631	056	699	229	677	476	634	614	644				
08	484	409		633	515	813	640	050	675	232	673	479	645						
09	484	410	01	632	526	813	650	058	690	229	704	471	687	604	664				
10	482	424		629	534	810	649	053	703	223	710	465	680	600	664				
11	467	405	02	536	506	819	623	082	710	233	710	475	667	611	664				
12	498	346		651	453	837	600	081	719	250	729	489	710						
13	507	320	04	662	494	849	592	093	726	262	715	505	671	640	662				
14	494	323	03	640	437	835	599	084	638	260	651	507	646	643	816	641			
15	493	370	02	644	469	828	611	075	675	248	675	493	676						
17	484	442		631	516	814	592	065	650	240	654	487	643	624	642	810	620		
17	501	343	03	653	466	837	611	082	702	254	703	497	653	638	654	810	517		
18	480	421		629	490	815	567	068	618	245	638	494	640	631	623				
19	484	468		631	514	814	593	064	638	241	630	492	607	629	582				
20	479	417		626	522	809	611	057	655	232	653	480	606	619	601				
21	485	417		633	526	814	631	061	657	236	653	483	639						
22	498	357	03	650	444	837	592	081	731	251	691	495	669	631	653	807	629		
23	499	377	02	651	462	835	623	081	673	255	670	500	663						
24	491	387	02	641	486	825	625	068	694	241	681	487	639						
25	477	424		624	537	805	633	050	682	224	664	473	612	612	581	795	554		
27	480	424	02	630	524	808	641	055	664	229	657	481	578	623	539	810	490		
27	492	410	01	640	510	822	639	067	672	242	632	495	573						
28	487	415		635	507	816	656	060	685	234	646	487	551	632	493				
29	485	391	02	634	496	817	634	061	673	236	638	491	552	633	532	820	502		
30	493	423		641	519	821	669	067	655	242	633	495	574	637	543				
31	488	430		634	545	815	636	062	653	238	623	491	584	632	557	817	523		

Results of Radiosonde Observations,
MAWSON NOV 1962

DAY	SURFACE			1000 MB.		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS						
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO
mb	°C x 10^-1	dg/kg	gpDm	°C x 10^-1	dg/kg	gpDm	°C x 10^-1	dg/kg	gpDm	°C x 10^-1	dg/kg	gpDm	°C x 10^-1	dg/kg	gpDm	°C x 10^-1	dg/kg	gpDm	°C x 10^-1	dg/kg	gpDm	°C x 10^-1	dg/kg	gpDm
01	985	5210	0.6	510	0.7	0.70	5139	0.6	1173	1.0	1.0	1.0	5181	0.5	159	5187	0.4	257	5264	0.4	366	539	0.3	
02	987	5105	0.7	505	0.8	0.70	5139	0.5	1173	1.0	1.0	1.0	5181	0.5	151	5179	0.5	265	5243	0.5	371	532	0.2	
03	991	5125	0.8	505	0.7	0.70	5097	1.0	120	1.0	1.0	1.0	5184	0.5	156	5149	0.6	265	5255	0.6	375	524	0.2	
04	001	5033	1.4	0.02	0.85	0.70	5085	1.0	120	1.0	1.0	1.0	5184	0.5	156	5160	0.6	267	5247	0.6	380	528	0.2	
05	993	5048	1.8	1550	0.4	0.70	5090	1.2	122	1.0	1.0	1.0	5185	0.6	175	5155	0.8	274	5242	0.8	385	506	0.4	
06	987	5060	1.5	1550	0.9	0.73	5110	1.2	1156	1.0	1.0	1.0	5186	0.6	168	5160	0.8	267	5247	0.8	380	528	0.2	
07	987	5067	1.4	1550	0.9	0.73	5115	0.8	117	1.0	1.0	1.0	5187	0.6	153	5194	0.6	261	5234	0.9	373	527	0.5	
08	982	5100	0.9	0.3	5122	0.6	5123	0.6	112	1.0	1.0	1.0	5175	0.6	157	5209	0.6	255	5199	0.5	374	526	0.5	
09	975	5100	0.9	5118	0.6	5120	0.8	117	1.0	1.0	1.0	5184	0.8	152	5199	0.7	250	5280	0.4	360	506	0.4		
10	979	5100	0.8	5115	0.6	5124	1.0	109	1.0	1.0	1.0	5184	0.8	145	5198	0.8	253	5264	0.4	362	524	0.3		
11	972	5128	0.5	5121	0.6	5123	1.0	104	1.0	1.0	1.0	5185	0.7	149	5148	0.5	247	5259	0.5	358	505	0.2		
12	989	5130	0.5	5107	0.7	5144	0.5	116	5147	0.5	150	5147	0.5	151	5221	0.5	259	5246	0.4	370	505	0.2		
13	993	5085	0.9	5004	0.77	5127	0.9	120	5161	0.6	156	5132	0.8	158	5195	0.4	270	5279	0.2	379	227	0.4		
14	975	5064	1.0	5119	0.64	5081	0.7	108	5125	0.6	153	5174	0.4	252	5195	0.3	365	267	0.5	383	292	0.4		
15	975	5085	1.6	5118	0.64	5088	1.7	108	5116	1.5	156	5137	1.2	255	5191	0.6	368	244	0.5	373	323	0.3		
16	987	5056	1.2	5109	0.73	5101	1.1	117	5130	1.2	153	5161	1.2	262	5192	0.6	371	295	0.2	380	205	0.4		
17	985	5100	0.6	5110	0.71	5109	0.5	115	5144	0.8	151	5156	0.9	250	5151	0.4	371	290	0.4	381	244	0.3		
18	985	5074	1.0	5110	0.72	5112	1.0	115	5155	1.0	151	5192	0.6	260	5174	0.6	371	319	0.3	382	279	0.2		
19	985	5050	1.4	5110	0.72	5093	1.0	116	5131	0.8	152	5170	0.8	261	5143	0.6	371	319	0.3	382	274	0.5		
20	985	5080	0.9	5111	0.71	5111	0.7	115	5150	0.9	150	5187	0.5	259	5232	0.6	370	279	0.2	382	243	0.4		
21	994	5051	1.2	5033	0.79	5081	1.2	125	5124	1.2	171	5154	1.1	270	5236	0.6	362	274	0.5	380	283	0.4		
22	997	5058	1.2	5000	0.82	5120	1.0	126	5160	0.8	171	5192	0.7	269	5275	0.4	380	256	0.6	380	256	0.4		
23	995	5094	0.7	5020	0.70	5119	1.1	123	5150	1.0	169	5187	0.7	257	5211	0.3	380	256	0.6	380	257	0.4		
24	997	5092	0.6	505	0.76	5125	0.7	119	5151	0.7	165	5198	0.5	264	5222	0.6	376	257	0.6	380	257	0.4		
25	999	5091	0.7	501	0.80	5136	0.7	123	5169	0.5	169	5165	0.6	268	5240	0.6	380	263	0.2	385	255	0.6		
26	002	5091	0.7	5074	0.7	5120	0.5	128	5137	0.6	174	5139	0.4	272	5202	0.8	385	255	0.6	389	218	0.4		
27	987	5040	1.2	508	0.75	5034	1.2	506	5064	0.4	157	5100	0.4	275	5179	0.5	389	196	1.1	384	569	279		
28	983	5071	1.1	512	0.70	5105	0.6	113	5142	0.4	159	5180	0.4	269	5183	0.8	384	196	1.1	385	569	279		
29	987	5040	1.2	508	0.75	5034	1.2	506	5064	0.4	157	5100	0.4	275	5261	0.3	389	218	0.4	385	255	0.6		
30	983	5071	1.1	512	0.70	5105	0.6	113	5142	0.4	159	5180	0.4	269	5183	0.8	384	196	1.1	385	569	279		

Results of Radiosonde Observations,
MAWSON DEC., 1962

DAY	SURFACE			1000 MB.			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS					
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	GEOPOT- ENTIAL gpDm	$^{\circ}\text{C} \times 10^{-1}$	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	GEOPOT- ENTIAL gpDm	$^{\circ}\text{C} \times 10^{-1}$	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	GEOPOT- ENTIAL gpDm	$^{\circ}\text{C} \times 10^{-1}$	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	GEOPOT- ENTIAL gpDm	$^{\circ}\text{C} \times 10^{-1}$	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	
01	975	5073	11	518	063	5105	09	107	5159	08	153	5181	06	251	5251	03	362	314	01					
02	974	5048	23	519	064	5044	18	109	5059	17	156	5101	18	257	5183	11	370	271	06					
03	981	5023	18	514	069	5073	11	114	5115	11	160	5154	10	260	5194	10	373	260	07					
04	977	5039	09	517	067	5056	09	111	5094	08	158	5132	06	259	5154	08	374	227	06					
05	982	5054	10	513	070	5083	10	114	5119	08	150	5144	07	261	5157	04	375	240	04					
06	986	5017	17	510	073	5084	15	117	5109	16	154	5129	08	265	5201	10	378	260	06					
08	989	5046	11	507	076	5070	14	120	5113	13	156	5128	12	270	5193	09	383	257	05					
09	994	5029	16	503	080	5073	12	124	5116	11	171	5154	10	260	5194	10	373	260	07					
10	985	5041	10	510	070	5054	08	117	5095	05	153	5134	06	264	5148	04	379	235	03					
11	981	5039	12	515	065	5082	11	113	5123	09	159	5165	06	258	5236	02	370	276						
12	988	5036	18	515	067	5065	17	111	5089	16	158	5127	14	259	5191	10	372	265	06					
13	988	5035	16	507	075	5084	14	119	5115	13	166	5145	12	265	5209	09	378	293	04					
14	989	5026	14	508	076	5085	11	120	5129	10	166	5163	09	266	5195	04	379	254	06					
15	984	5037	17	511	072	5078	14	116	5109	13	162	5150	12	262	5221	08	374	324	04					
16	979	5017	14	516	067	5056	14	112	5105	12	158	5143	11	258	5223	08	369	307	04					
17	982	5017	15	513	070	5076	13	115	5111	12	161	5150	08	261	5223	08	372	299	05					
19	983	5040	18	512	071	5081	17	115	5124	14	161	5151	13	261	5219	09	373	278	05					
19	985	5035	13	510	073	5150	13	117	5150	10	163	5154	09	263	5212	06	375	295	04					
20	991	5035	15	501	077	5084	13	121	5150	09	157	5150	07	267	5209	05	379	274	04					
21	978	5031	23	506	075	5075	19	111	5113	16	158	5144	14	269	5173	12	373	204	11					
22	980	5018	24	514	069	5050	14	119	5089	12	156	5141	11	267	5180	12	381	247	07					
23	981	5016	16	510	066	5021	10	112	5025	14	159	5069	11	262	5159	08	376	249						
24	981	5046	12	514	069	5060	07	113	5100	06	159	5146	06	259	5218	08	373	242						
25	988	5045	10	513	070	5064	07	114	5108	07	161	5144	06	261	5177	07	375	212						
26	983	5044	20	512	071	5070	13	115	5105	10	162	5134	06	263	5152	08	378	214						
27	983	5060	09	513	070	5054	08	115	5089	06	162	5119	05	263	5149	08	370	210	05					
28	989	5015	15	507	076	5075	12	120	5108	06	167	5136	11	268	5185	11	361	253	11					
29	989	5038	25	507	076	5084	18	120	5094	12	167	5117	09	268	5186	06	381	298	02					
30	988	5022	15	500	083	5067	15	127	5096	10	174	5100	05	277	5125	11	392	206	05					
31	999	5005	19	500	084	5054	11	131	5096	10	177	5139	11	279	5099	24	399	105	27					
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS		
	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg			
01	491	334	04	644	442	01	834	525	099	474	291	442	565	423	716	413	911	420						
02	501	314	02	656	390		847	577	105	518	294	451	567	417	716	419	914	416						
03	503	343	03	657	428		845	577	102	529	291	461	562	432	713	423								
04	505	321	02	650	419		848	579	103	534	291	481	563	415	714	418								
05	506	335	03	660	429		848	570	102	534	290	479	562	412	715	405	888	407						
06	508	334	03	662	428		851	559	108	535	296	472	567	432	718	420								
08	513	337	02	667	417		857	549	114	519	303	475	574	427	725	417								
08	518	279	02	675	384		867	527	123	522	310	491	581	443	719	423								
09	511	303	03	667	398		857	554	117	505	305	486	576	422	725	411								
10	499	357	03	651	453		840	515	106	460	297	445	571	402	722	416								
11	502	345	03	654	451		842	535	107	457	300	457	573	407	725	398	892	389						
12	506	367	02	657	467		844	551	107	478	298	461	570	419	721	415								
13	509	353	03	661	484		845	556	107	492	297	459	569	426	720	422								
14	506	365	03	657	455		845	550	109	485	300	458	572	422	723	418								
15	502	375	02	653	450		841	556	106	477	295	456	568	434	719	418								
16	498	347	03	651	444		839	573	102	472	294	457	567	431	714	417	913	411						
17	501	339	03	654	440	01	842	580	102	484	294	453	566	430	717	428								
19	502	354	02	657	455		841	592	104	481	295	459	566	428	717	410								
20	509	341	02	662	451		849	559	112	495	302	466	574	437	725	409								
21	507	268	07	664	400		854	549	111	568	295	469	565	440										

Results of Radiosonde Observations,
WILKES JAN. 1962

DAY	1200 Hours GMT																				
	SURFACE			1000 MB.		900 MILLIBARS			850 MILLIBARS		800 MILLIBARS			700 MILLIBARS		600 MILLIBARS					
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	gpDm	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg													
01	976	5010	23	683	065	5068	17	109	5108	14	156	5143	12	256	5170	08	371	233 05			
02	975	5006	24	691	065	5060	14	109	5089	09	156	5108	08	258	5152	07	373	220 05			
03	982	5003	24	536	070	5050	11	115	5068	16	162	5081	22	265	5123	382	162				
04	964	5018	30	782	056	5023	23	101	5053	22	148	5088	18	251	5159	12	366	210 09			
05	976	003	30	687	066	5041	25	110	5073	21	157	5108	19	259	5160	13	374	223 08			
06	980	006	28	652	069	5046	23	114	5080	20	160	5117	17	261	5182	10	375	228 07			
07	971	002	23	725	062	5023	15	107	5052	11	154	5087	10	256	5178	09	369	263 05			
08	976	5005	24	686	066	5029	14	110	5072	15	158	5113	14	259	5182	10	372	260 06			
09	984	009	25	617	072	5039	19	117	5077	17	164	5116	14	265	5195	08	377	281 04			
10	988	5004	22	589	075	5047	19	120	5080	14	167	5119	12	268	5194	07	380	281 04			
11	989	5002	32	580	076	5052	24	121	5082	19	167	5116	16	268	5188	09	381	278 05			
12	985	5006	31	609	073	5065	22	117	5102	17	163	5130	15	264	5191	10	377	261 06			
13	989	5002	25	578	076	5062	20	120	5099	17	166	5137	14	267	5190	10	380	258 06			
14	992	5013	19	552	078	5089	10	122	5108	11	168	5116	07	270	5181	07	383	248 07			
15	990	5012	24	568	077	5070	19	121	5105	16	167	5128	09	269	5170	07	383	288 06			
16	990	5022	22	569	076	5086	14	120	5117	13	166	5150	12	266	5217	08	378	278 04			
17	985	5011	32	606	072	5081	20	115	5111	16	151	5142	13	261	5218	06	372	296 04			
18	974	5022	23	693	063	5068	10	108	5102	08	154	5140	07	254	5212	05	366	269 03			
19	975	5011	25	689	065	5034	22	110	5066	18	159	5101	14	258	5178	10	372	241 08			
20	985	5007	30	611	073	5065	13	117	5100	07	164	5128	06	264	5198	04	377	251			
21	984	5003	31	620	072	5102	11	116	5155	10	162	5170	08	263	5206	07	376	242 03			
22	985	5004	31	609	072	5070	13	117	5102	10	167	5137	08	263	5212	05	375	269 03			
23	989	5023	32	574	076	5085	14	120	5067	16	167	5150	08	266	5225	05	378	300 03			
24	987	5022	24	596	073	5093	06	117	5116	05	164	5141	04	263	5220	03	375	280			
25	983	5028	24	657	070	5098	08	114	5137	07	159	5168	06	259	5196	04	372	244			
26	981	5011	26	642	069	5075	09	113	5106	08	159	5136	07	259	5221	04	371	279 02			
27	988	5012	26	581	075	5089	07	119	5108	10	165	5140	07	267	5185	07	379	245			
28	992	003	34	588	078	5089	07	122	5132	07	168	5130	06	269	5192	05	382	259 02			
29	981	5012	33	640	069	5071	12	115	5100	10	160	5131	10	260	5195	06	373	267 04			
30	974	5023	25	695	064	5070	14	108	5090	12	155	5118	10	256	5193	06	369	272 04			
31	977	5007	30	676	066	5061	15	111	5090	09	157	5124	08	257	5193	07	370	270 05			
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	
01	503	280	05	660	394	02	850	531	111	488	301	461	573	412	725	401	922	388			
02	505	290	03	661	398	01	852	537	115	458	307	450	579	416	732	407	927	391			
03	519	299	08	681	297	05	861	431	142	591	326	518	591	482	739	459	931	428			
04	498	292	05	655	363	03	850	479	119	440	313	428	588	409	739	407	935	403			
05	505	313	04	661	400	02	853	512	121	440	314	424	589	421	741	400	937	398			
06	507	309	03	662	400	01	853	521	119	455	311	451	584	422	735	408	931	388			
07	500	308	04	655	428	04	844	541	108	459	300	441	574	418	726	407	922	391			
08	501	361	02	654	457	04	841	549	106	465	298	439	573	411	725	402	921	392			
09	499	363	02	650	473	05	857	531	103	451	296	441	571	405	723	399	920	390			
10	509	376	02	660	466	05	847	532	101	460	303	443	576	407	728	402	925	357			
11	510	370	02	662	440	05	850	558	111	485	302	438	576	415	726	425	921	403			
12	507	345	03	660	441	04	848	560	109	477	301	438	575	415	727	408	923	399			
13	511	329	03	665	412	04	854	556	114	488	305	456	577	420	728	411	924	400			
14	514	322	04	669	417	04	858	559	115	505	305	453	578	424	729	415	924	401			
15	513	335	03	666	453	05	853	563	115	475	305	443	579	418	730	409	926	397			
16	507	258	01	655	450	04	847	533	113	458	306	440	579	421	730	412	926	400			
17	501	373	01	652	475	04	841	483	111	435	305	428	579	413	730	401	927	387			
18	496	324	03	650	395	04	842	491	113	426	307	420	579	433	729	428	923	421			
19	503	300	05	657	429	04	847	509	115	454	307	444	580	414	731	452	923	410			
20	508	348	02	662	424	04	852	526	119	457	311	441	584	407	736	407	932	407			
21	507	311	02	662	415	04	852	530	112	483	303	450	576	416	725	401	923	402			
22	504	366	01	656	464	04	844	501	112	451	304	442	578	409	730	404	926	400			
23	505	374	01	656	471	04	844	513	111	446	305	434	579	423	730	404	926	408			
24	504	353	05	657	419	04	846	527	113	465	304	451	576	430	727	423	921	415			
25	504	273	04	659	421	04	848	548	114	452	307	444	579	438	729	450	923	421			
26	501	345	04	654	434	04	842	525	110	447	303	426	577	433	727	426	922	410			
27	511	301	04	666	410	05	857	532	117	488	308	452	580	414	731	456	926	407			
28	512	342	04	665	428	0															

Results of Radiosonde Observations,

WILKES FEB., 1962

DAY	SURFACE			1000 MB.		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS				
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg			
01	983	5000	36	624	071	5062	20	116	5090	09	162	5122	09	263	5198	08	375	269	05			
02	984	5012	35	620	071	5079	17	115	5110	12	163	5139	08	263	5211	07	375	284	04			
03	974	5011	28	702	063	5092	14	107	5131	12	153	5166	08	252	5202	04	365	260				
04	984	5014	27	614	072	5074	16	116	5114	15	162	5157	13	263	5153	17	378	182				
05	974	5006	33	702	064	5042	18	109	5079	15	155	5112	14	257	5159	13	373	196	11			
06	976	023	32	682	066	5023	23	111	5050	19	159	5079	15	261	5158	11	375	240	07			
07	985	021	36	607	073	5031	22	118	5069	18	165	5102	14	267	5179	08	380	265	05			
08	989	001	31	575	077	5039	23	121	5079	20	168	5111	17	270	5166	12	384	248	06			
09	993	016	31	544	079	5055	21	124	5022	32	170	5123	17	271	5174	12	385	250	07			
10	991	007	31	579	077	5061	16	122	5100	14	169	5101	12	270	5178	07	383	257	04			
11	991	5009	28	560	077	5056	15	122	5094	15	169	5129	12	269	5198	08	382	260	04			
12	984	002	34	619	072	5040	16	117	5076	16	164	5112	15	266	5123	17	383	190	07			
13	985	019	31	613	074	5010	21	120	5031	13	167	5075	11	270	5170	10	383	264	05			
14	979	016	29	659	068	5038	19	113	5070	16	160	5105	15	261	5180	10	375	250	06			
15	975	001	39	729	065	5020	27	111	5052	27	158	5070	25	261	5120	18	378	178	12			
16																						
17	982	006	38	635	071	5024	21	116	5058	18	163	5093	17	265	5169	11	379	235	06			
18	984	022	32	619	073	5025	20	118	5064	19	165	5106	17	267	5168	12	381	245	06			
19	983	5018	27	622	071	5059	22	115	5080	22	162	5104	20	264	5168	13	378	245	07			
20																						
21	974	017	36	701	064	5029	28	109	5060	25	157	5089	20	259	5154	12	373	240	06			
22	975	5001	25	692	066	5041	11	110	5080	12	157	5119	09	258	5193	06	371	259	03			
23	957	5011	22	768	051	5016	12	096	5052	11	143	5108	10	244	5198	04	357	266	06			
24	964	010	25	773	056	5033	10	101	5063	18	148	5092	17	250	5160	13	365	230	04			
25	968	5011	31	745	060	5050	24	105	5079	21	152	5107	18	254	5158	13	369	231	08			
26	973	5010	34	704	063	5032	23	109	5059	17	156	5087	12	258	5165	08	372	244	03			
27	968	5028	27	751	059	5059	21	103	5083	17	150	5113	16	252	5123	08	369	197	05			
28	973	5011	30	705	063	5062	18	107	5088	13	154	5124	12	255	5167	06	369	250	03			
29																						
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			
	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$		
01	505	354	03	658	421	848	540	115	450	308	440	581	429	757	425	951	424					
02	503	363	02	655	448	843	514	112	442	305	435	579	432	750	418	925	413					
03	495	340		649	440	839	468	111	434	304	430	578	426	729	422	923	416					
04	512	255	05	672	335	868	479	129	502	318	469	587	460	736	438	929	432					
05	507	240	09	668	320	864	487	127	470	317	448	589	455	738	450	950	442					
06	506	329	03	659	460	847	480	119	432	311	449	583	450	732	449	924	448					
07	510	332	02	663	431	852	533	121	436	313	452	584	446	733	445	926	445					
08	515	323	04	669	442	856	558	124	443	316	447	588	451	737	449	929	445					
09	515	344	03	667	445	855	529	123	455	314	457	589	458	733	451	925	444					
10	513	376	01	666	447	853	560	119	458	311	456	581	461	729	456	921	449					
11	513	339	01	667	429	857	518	122	484	311	473	580	460	729	451	921	440					
12	516	282	04	671	414	860	571	121	485	311	490	579	475	729	448	921	440					
13	514	291	03	669	403	860	532	120	469	310	421	580	454	729	449	921	440					
14	505	332	03	659	431	851	491	119	467	310	476	579	459	728	459	919	458					
15	512	261	07	669	367	862	520	127	470	317	469											
16																						
17	511	290	06	667	415	856	540	124	438	317	445	577	427	739	430	933	435					
18	510	357	02	662	452	851	497	120	442	313	437	586	427	737	430	930	433					
19	508	344	03	661	447	849	539	115	460	307	443	579	438	729	440	922	443					
20																						
21	503	345	03	656	446	843	560	109	440	303	430	577	424	728	413	924	400					
22	501	334	06	655	406	849	486	115	472	305	458	576	446	726	445	919	441					
23	487	318	04	641	419	831	532	097	463	288	459	558	469	706	462	897	459					
24	497	299	03	652	400	844	527	110	440	304	432	577	435	727	427	921	422					
25	500	331	04	654	417	843	533	109	452	302	440	576	454	726	436	919	436					
26	503	317		657	437	845	504	114	441	308	430	582	422	732	430	925	447					
27	502	276		660	376	852	515	119	456	312	463	583	429	732	463	924	441					
28	499	338	03	653	428	845	490	115	438	308	444	580	432	730	423	923	449					
29																						

**Results of Radiosonde Observations,
WILKES MARCH 1962**

DAY	SURFACE				1000 MB.		900 MILLIBARS		850 MILLIBARS		800 MILLIBARS		700 MILLIBARS		600 MILLIBARS			
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg
01	978	5027	23	665	0.67	5053	10	111	5079	0.9	158	5110	0.8	259	5130	0.6	376	187
02	966	5029	24	765	0.57	5060	14	101	5092	10	148	5125	0.9	249	5142	1.3	355	185
03	980	5030	21	545	0.68	5089	16	112	5119	12	158	5140	13	259	5191	0.7	373	233
04	984	5021	22	616	0.71	5073	15	116	5096	14	162	5124	11	263	5188	0.7	377	239
05	983	5037	26	623	0.70	5103	17	114	5128	17	160	5152	11	260	5181	0.7	374	250
06	991	5027	22	559	0.77	5082	19	121	5116	15	157	5150	12	267	5206	0.8	381	238
07	985	5052	16	611	0.72	5090	0.9	115	5119	0.8	162	5150	0.7	262	5176	0.7	376	233
08	968	5022	30	744	0.59	5063	11	103	5090	1.2	150	5120	13	251	5180	1.0	365	257
09	974	5018	29	698	0.63	5080	19	107	5105	17	154	5098	16	256	5165	0.9	370	250
10	979	5006	30	661	0.68	5021	22	112	5080	20	159	5112	16	260	5187	1.0	373	272
11	972	5028	29	715	0.61	5082	20	106	5106	11	152	5135	12	252	5216	0.8	364	285
12	981	5003	32	646	0.69	5061	19	114	5100	14	160	5088	17	260	5218	0.7	372	279
13	967	5018	31	755	0.58	5056	17	103	5049	18	150	5069	14	254	5110	0.9	370	219
14	968	5021	27	750	0.58	5060	22	103	5089	19	150	5104	18	252	5163	1.0	366	251
15	996	5022	29	519	0.81	5081	19	125	5116	17	171	5152	12	270	5237	0.7	381	309
16																		
17	961	011	26	733	0.54	5003	22	099	5035	21	147	5067	20	250	5137	17	366	206
18	978	5014	28	669	0.66	5070	20	111	5098	18	157	5124	16	258	5176	12	373	243
19	984	5033	26	613	0.72	5080	18	115	5112	15	161	5140	13	261	5186	1.1	375	261
20	983	5039	23	623	0.70	5092	16	114	5122	15	160	5150	12	259	5210	0.8	372	372
21	983	5040	24	626	0.72	5086	20	116	5118	16	162	5151	13	262	5223	0.8	373	306
22	985	5076	20	603	0.71	5058	11	115	5130	14	161	5159	11	260	5230	0.7	371	325
23	976	5118	13	675	0.63	5135	11	107	5098	13	153	5104	0.8	255	5154	0.5	370	237
24	981	5110	24	637	0.67	5168	0.3	109	5170	0.7	155	5143	0.8	255	5211	0.6	367	285
25	982	5036	20	629	0.69	5085	14	113	5120	13	160	5156	11	259	5215	0.7	371	299
26	971	5062	16	723	0.61	5072	14	105	5100	14	151	5124	13	252	5184	0.9	365	260
27	985	5033	25	604	0.72	5078	18	116	5117	14	162	5153	10	263	5211	0.4	374	300
28	995	5062	13	599	0.79	5091	12	123	5122	12	169	5149	0.9	269	5203	0.6	381	288
29	987	5089	11	590	0.73	5099	10	117	5121	0.6	163	5130	2.6	256	5209	0.9	375	298
30	982	5149	09	624	0.67	5159	0.5	110	5154	1.6	156	5160	2.5	251	5218	0.7	367	305
31	977	5138	11	663	0.63	5162	0.7	107	5149	1.5	152	5163	0.5	251	5242	0.5	362	325
DAY	500 MILLIBARS				400 MILLIBARS		300 MILLIBARS		200 MILLIBARS		150 MILLIBARS		100 MILLIBARS		80 MILLIBARS		60 MILLIBARS	
	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg
01	509	286	0.8	666	370	0.4	861	498	127	400	316	486	583	458	732	466	922	472
02	489	247	0.8	649	343	0.3	844	492	110	445	302	470	571	470	718	457	909	462
03	504	311	0.5	660	385	0.3	882	500	121	440	313	451	582	476	729	480	919	482
04	508	320	0.3	662	427	0.2	820	510	119	451	311	456	581	462	729	460	921	457
05	504	329	0.2	658	434	0.2	847	512	116	450	308	453	579	456	728	459	919	461
06	511	324	0.2	665	434	0.3	853	559	117	450	310	442	582	447	731	450	922	452
07	507	306	0.2	662	419	0.2	852	510	118	458	310	451	581	441	731	443	923	448
08	495	326	0.3	649	459	0.2	837	560	103	437	297	439	569	440	719	445	911	450
09	500	350	0.3	652	463	0.2	847	588	113	452	305	442	577	429	727	440	920	452
10	502	377	0.2	653	465	0.2	838	556	105	449	298	435	571	437	720	440	914	443
11	493	364	0.2	645	451	0.2	832	550	97	458	287	460	559	432	709	439	901	447
12	500	376	0.3	651	481	0.2	836	558	102	460	294	449	566	445	715	449	907	451
13	502	326	0.4	657	375	0.2	848	530	109	475	301	458	571	437	721	440	914	442
14	495	356	0.2	647	450	0.2	835	558	100	468	291	455	562	445	711	445	904	445
15	510	349	0.2	664	415	0.2	855	505	119	496	306	510	573	494	719	490	908	482
16																		
17	498	315	0.4	651	432	0.2	842	512	111	451	302	460	571	482	717	508	904	508
18	503	340	0.3	655	443	0.2	843	527	109	460	300	471	568	487	714	494	902	504
19	505	353	0.3	657	446	0.2	845	509	113	458	305	462	575	462	722	482	911	490
20	501	358	0.2	653	456	0.2	840	567	104	470	295	465	564	467	712	466	903	477
21	502	339	0.3	655	462	0.2	841	567	103	482	293	489	560	470	708	471	898	475
22	498	330	0.3	649	466	0.2	836	558	100	482	290	478	558	475	706	465	896	479
23	501	316	0.3	655	459	0.2	843	530	111	440	304	447	575	441	725	439	918	442
24	495	366	0.2	646	474	0.2	831	594	0.95	477	285	466	554	470	703	463	893	468
25	499	386	0.2	649	488	0.2	836	529	101	483	290	486	557	492	703	490	892	490
26	495	346	0.2	648	437	0.2	834	558	0.96	492	285	487	552	484	698	488	887	490
27	502	389	0.2	652	479	0.2	838	559	100	506	298	498	555	483	701	496	889	500
28	509	374	0.2	659	474	0.2	845	580	100	503	287							

Results of Radiosonde Observations,
WILKES APRIL, 1962

DAY	SURFACE			1000 MB.		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS			
	mb	PRESSURE	TEMPERATURE	MIXING RATIO	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm											
01	985	5096	14	609	070	5137	10	113	5161	10	159	5200	08	257	5260	05	367	329	05		
02	991	5106	14	561	075	5116	08	119	5133	05	165	5164	03	264	5241	02	375	329	01		
03	979	5117	13	650	066	5092		110	5103		157	5122		258	5172	08	372	247	06		
04	981	5205	06	631	055	5159	05	109	5125		155	5142		256	5168		371	207			
05	993	5118	12	546	076	5135	08	120	5148	04	165	5154		266	5187	06	379	250			
06	981	5131	11	638	067	5130	09	111	5147	06	156	5163	03	257	5162	04	373	213			
07	992	5072	15	549	076	5150	10	119	5144	07	165	5124	07	266	5181	05	380	253			
08	983	5031	28	562	071	5072	19	115	5099	19	162	5128	14	262	5208	06	374	295	04		
09	991	5082	17	557	076	5097	16	120	5100	16	167	5130	13	267	5205	07	379	296	03		
10	973	5167	09	698	060	5180		103	5124	05	150	5142		249	5211		362	282			
11	973	5189	07	696	059	5215	05	101	5244	05	146	5157	04	245	5218		357	290			
12	987	5204	05	582	069	5207		111	5165		157	5158	08	257	5208	06	370	271	04		
13	987	5239	04	593	069	5209		112	5188		157	5199		256	5207		369	268			
14	983	5164	09	615	068	5157	06	111	5153		157	5153		257	5153		373	278			
15																					
16	974	5035	26	695	063	5083	18	107	5120	14	153	5144	12	254	5177	10	368	258	05		
17	959	5074	21	815	051	5049	21	096	5074	16	143	5090	14	245	5165	10	360	209	08		
18	972	5068	18	713	061	5065	14	106	5107	12	152	5155	10	252	5191	10	365	248	06		
19	980	5080	18	657	067	5067	12	110	5175	10	155	5189	09	255	5214	08	367	284	05		
20	977	5127	12	664	064	5121	13	108	5128	15	154	5159	11	253	5228	07	365	312	04		
21	968	5153	08	734	057	5098	12	101	5130	08	147	5164	08	246	5240	05	356	325	03		
22	965	5078	19	768	055	5093	18	099	5119	15	145	5145	13	245	5220	07	356	310	03		
23	975	5089	17	688	063	5132	17	106	5162	11	151	5193	08	251	5205	08	363	278	05		
24	983	5134	10	621	068	5156	07	111	5179	07	156	5202	07	254	5250	04	364	328			
25	981	5176	09	630	066	5169	03	109	5137	04	155	5180	03	254	5381	06	363	338			
26	970	5088	14	726	059	5087	11	104	5100	12	150	5140	10	250	5210	07	362	299	04		
27	975	5144	10	682	052	5125	13	105	5142	13	151	5126	11	253	5167	04	366	268	03		
28	982	5153	09	624	068	5130	10	111	5163	08	156	5205	07	255	5210		368	259			
29	981	5151	09	633	066	5172	07	110	5163	05	155	5163	07	255	5180	10	371	197	01		
30	965	5155	08	762	054	5133	09	098	5154	09	143	5177	08	242	5223	07	354	300	04		
31																					
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS		
	gpDm	TEMPERATURE	MIXING RATIO	gpDm	TEMPERATURE	MIXING RATIO	gpDm	TEMPERATURE	MIXING RATIO	gpDm	TEMPERATURE	MIXING RATIO	gpDm	TEMPERATURE	MIXING RATIO	gpDm	TEMPERATURE	MIXING RATIO	gpDm	TEMPERATURE	MIXING RATIO
01	493	414		641	506		826	519	093	470	293	485	550	483	696	500	893	516			
02	503	349		657	420		847	512	111	493	300	506	561	526	705	528	891	535			
03	503	336	03	656	454		845	482	114	460	305	476	572	500	717	519	904	507			
04	505	260		663	375		855	510													
05	511	273		669	363		862	510	123	486	311	507	575	518	718	553	901	553			
06	506	265		665	350	03	857	528	115	501	303	508	569	499	715	495	902	518			
07	511	312		667	370																
08	502	411		651	500		840	486	105	476	295	513	555	541	698	550	781	566			
09	507	363	02	658	468		843	578	105	509	292	518	555	519	699	532	883	561			
10	491	357		643	460		831	518	095	489	283	519	546	525							
11	485	386		636	464		823	540	086	482	276	486	541	515	685	530	870	549			
12	499	362	02	650	488																
13	499	528		654	410		847	465	111	529	295	549	553	557	694	589	873	616			
14	506	253	07	667	301	06	865	410	123	630	303	575	558	557	697	604	876	614			
15																					
16	498	320		654	390		845	534	105	518	291	510	552	560	694	571	875	589			
17	495	237	07	654	368	02	847	521	104	544	289	520	551	531	695	541					
18	496	290	04	651	424		839	569	097	522	294	518	546	525	691	529	875	548			
19	496	337	03	649	457		835	580	094	520	290	515	543	536	686	542	870	551			
20	493	345	02	645	457		831	583	091	512	278	509	541	522	685	530	871	540			
21	482	420		633	470		819	556	081	505	269	508	530	540	673	543	857	562			
22	483	363	02	535	447		823	572	078	536	263	523	530	525	668	488	851	562			
23	491	583	02	641	479		826	560	081	540	265	525	551	522	573	663	582	843	594		
24	490	414		638	530		820	590	077	550	265	526	569	515	594	654	604	833	620		
25	489	401		639	491		824	570	080	563	262	524	584	516	613	653	630	829	651		
26	489	377	02	640	468		826	568	086	533	270	525	527	503	667	609	844	637			
27	495	367	02	646	455		833	564	092	549	276	570	531	590	669	612	846	642			
28	498	342		650	457		836	564	094	540	278	562	534	582	673	605	851	637			
29	503	303	05	658	427		844	600	095	593	276	578	532	594	670	619	847	650			
30	481	398	02	631	487		816	557	076	528	261	547	519	573	659	638	838	624			

**Results of Radiosonde Observations,
WILKES MAY, 1962**

DAY	SURFACE			1000 MB.			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS					
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	GEOPOT- ENTIAL $^{\circ}\text{C} \times 10^{-1}$	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	geopotential gpDm																
01	971	5168	07	709	059	5150	09	102	5181	08	147	5177	08	246	5230	06	357	325	03					
02	979	5139	10	651	065	5180	07	107	5210	06	152	5240	05	248	5292	04	357	348	05					
03	977	5183	07	660	063	5179	06	105	5210	06	150	5245	05	246	5311	03	353	398	13					
04	980	5217	05	638	065	5160	04	081	5180	05	153	5183	04	252	5257	03	361	355	10					
05	988	5158	07	577	072	5166	06	115	5182	05	160	5201	03	258	5269	03	367	276						
06	986	5162	08	595	071	5130	09	114	5149	08	160	5186	07	259	5235	02	371	271	02					
07	995	5172	07	528	078	5138	10	121	5170	08	166	5169	05	266	5202	06	379	258	03					
08	987	5155	07	596	072	5136	08	115	5169	02	160	5191	02	259	5188	06	373	230	05					
09	979	5205	05	649	065	5128	08	108	5152	04	154	5184	03	253	5208	05	365	267	06					
10	990	5204	05	565	072	5183	06	114	5169	04	160	5179	02	259	5217	02	371	284	02					
11	992	5188	06	552	073	5242	04	115	5210	06	159	5193	03	258	5232	03	370	290	02					
12	989	5195	06	573	071	5242	04	112	5251	05	156	5218	04	254	5248	01	365	303	01					
13	988	5252	04	573	069	5240	03	110	5252	04	154	5220	03	252	5232	02	364	263	01					
14	979	5243	04	646	063	5230	04	105	5213	04	150	5197	02	249	5207	02	362	252	02					
15	975	5201	06	692	060	5171	06	102	5199	05	148	5170	08	247	5240	06	358	295	05					
16	971	5132	12	716	059	5180	08	101	5205	07	146	5229	06	244	5244	03	355	300	01					
17																								
18																								
19	981	5100	16	633	067	5103	12	111	5144	11	157	5172	13	256	5232	45	367	328	02					
20	991	5151	10	556	074	5150	05	117	5152	163	5169	262	5244	372	335									
21	984	5233	05	605	067	5151	06	111	5140	156	5170	04	255	5215	367	304								
22	975	5150	09	682	062	5139	10	105	5148	11	151	5170	10	251	5109	06	363	295	04					
23	988	5103	14	590	073	5113	10	116	5120	16	162	5150	13	262	5208	08	374	298	03					
24	974	5067	23	681	064	5045	10	108	5081	10	155	5124	09	260	5200	08	373	285	04					
25	991	5162	08	560	075	5107	13	119	5130	10	165	5142	07	245	5218	376	300							
26	994	5197	06	534	075	5168	04	118	5150	164	5171	263	5231	374	309									
27	992	5288	03	558	072	5152	11	115	5169	161	5190	259	5240	370	319									
28	002	5228	05	626	080	5237	04	122	5176	08	168	5180	09	256	5232	07	378	302	04					
29	007	5201	05	664	086	5123	05	130	5146	08	175	5169	08	274	5231	06	386	300	04					
30	009	5177	07	080	088	5136	04	131	5146	09	177	5177	09	276	5214	08	390	216	09					
31	000	5099	14	012	082	5147	11	125	5161	11	171	5122	15	273	5179	04	386	260						
32																								
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS		
	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	geopotential gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	geopotential gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$												
01	483	410		632	501		816	574	074	530	259	533	519	568	659	588	839	613						
02	482	422		630	508		814	572	074	531	259	539	518	574	658	591	838	595						
03	477	410		626	490		812	520	077	510	263	520	525	548	667	570	848	599						
04	485	439		633	525		818	529	081	512	268	521	528	565	669	570	849	613						
05	499	321		654	415		844	536	099	562	282	554	540	565	681	589	860	620						
06	499	364	02	650	476		835	582	092	551	277	550	535	582	674	604	852	628						
07	509	335	02	663	420		851	590	102	572	284	576	539	604	677	620	855	625						
08	505	285	03	651	400		851	559	103	609	281	578	531	635	667	649	841	664						
09	494	353	03	648	425		836	572	091	561	273	578	531	617	659	635	844	659						
10	500	337	02	654	428		842	570	096	568	278	579	531	626	664	639	839	660						
11	498	362		650	464		835	570	091	570	273	589	526	609	664	623	841	642						
12	492	380	01	643	470		830	591	090	574	274	566	529	595	668	602	846	640						
13	495	320	01	649	436		837	557	095	535	281	548	538	580	679	585	858	615						
14	492	339	02	644	457		830	593	087	540	272	539	531	565	672	573	852	607						
15	486	379	02	637	471		822	615	077	552	260	560	517	582	657	600	837	613						
16	483	379	01	633	485		817	590	072	569	251	584	505	601	643	620	820	640						
17																								
18																								
19	493	432		640	554		820	604	074	572	254	597	507	597	647	618	824	646						
20	498	420		647	470		833	564	087	590	268	580	523	593	662	609	840	630						
21	496	344	03	649	432		837	584	090	597	273	587	527	602	665	628	840	658						
22	491	390	02	639	514		822	561	081	539	265	559	521	594	660	615	837	648					</td	

Results of Radiosonde Observations,
WILKES JUNE, 1962

**Results of Radiosonde Observations,
WILKES JULY, 1962**

DAY	SURFACE			1000 MB.		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS							
	PRESSURE in	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	GEOPOT- ENTIAL $^{\circ}\text{C} \times 10^{-1}$	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	GEOPOT- ENTIAL $^{\circ}\text{C} \times 10^{-1}$	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	GEOPOT- ENTIAL $^{\circ}\text{C} \times 10^{-1}$	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	GEOPOT- ENTIAL $^{\circ}\text{C} \times 10^{-1}$	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg		
01	9.91	51.59	0.9	5.60	0.74	51.47	0.6	11.7	51.73	0.6	16.2	52.05	0.5	2.60	52.51	0.4	3.70	35.0	0.1	3.70	35.0	0.1	3.70	35.0	0.1
02	9.91	51.48	0.9	5.57	0.73	52.10	0.6	11.5	51.99	0.7	16.0	52.08	0.4	2.58	52.45	0.3	3.69	30.0	0.0	3.69	30.0	0.0	3.69	30.0	0.0
03	9.90	52.03	0.4	5.61	0.71	52.40	0.4	11.3	52.00	0.7	15.9	51.62	0.7	2.59	51.74	0.3	3.73	24.6	0.0	3.73	24.6	0.0	3.73	24.6	0.0
04	9.93	52.07	0.6	5.42	0.73	51.81	0.4	11.7	51.30	0.6	16.3	51.41	0.6	2.63	51.93	0.9	3.76	26.2	0.4	3.68	24.0	0.4	3.68	24.0	0.4
05	9.78	52.34	0.5	6.49	0.63	51.58	0.4	10.7	51.17	0.5	15.3	51.22	0.5	2.54	51.90	0.9	3.62	29.1	0.2	3.62	29.1	0.2	3.62	29.1	0.2
06	9.79	52.41	0.3	6.45	0.63	52.19	0.5	10.6	51.38	0.3	15.1	51.74	0.6	2.51	52.01	0.6	3.64	26.0	0.2	3.64	26.0	0.2	3.64	26.0	0.2
07	9.80	52.40	0.4	5.35	0.63	52.33	0.3	10.5	51.88	0.3	15.1	51.67	0.6	2.50	52.10	0.6	3.65	23.4	0.4	3.65	23.4	0.4	3.65	23.4	0.4
08	9.63	51.56	1.0	7.77	0.55	51.40	0.6	10.6	51.68	0.6	14.1	51.70	0.6	2.40	52.28	0.6	3.52	30.2	0.4	3.52	30.2	0.4	3.52	30.2	0.4
09	9.88	52.12	0.6	5.77	0.69	52.71	0.2	11.0	52.60	0.2	15.5	52.04	0.5	2.53	52.28	0.6	3.62	29.1	0.2	3.62	29.1	0.2	3.62	29.1	0.2
10	9.83	52.45	0.4	6.10	0.67	51.98	0.3	10.9	51.80	0.3	15.4	51.67	0.6	2.53	52.30	0.6	3.65	30.8	0.2	3.65	30.8	0.2	3.65	30.8	0.2
11	9.73	52.67	0.3	6.84	0.59	51.58	0.2	10.2	51.81	0.4	14.7	51.98	0.4	2.45	52.49	0.4	3.55	34.0	0.2	3.55	34.0	0.2	3.55	34.0	0.2
12	9.70	52.94	0.2	7.11	0.54	53.18	0.1	9.5	52.56	0.1	14.0	51.97	0.1	2.38	52.55	0.1	3.48	31.1	0.0	3.48	31.1	0.0	3.48	31.1	0.0
13	9.70	52.39	0.4	7.10	0.58	51.41	1.0	10.1	51.40	1.2	14.7	51.62	1.1	2.46	52.18	0.8	3.58	29.3	0.5	3.58	29.3	0.5	3.58	29.3	0.5
14	9.83	51.71	0.8	6.28	0.68	51.33	1.2	11.1	51.35	1.4	15.7	51.32	1.5	2.58	51.89	1.0	3.71	27.0	0.6	3.71	27.0	0.6	3.71	27.0	0.6
15																									
16	9.74	50.90	1.6	6.90	0.63	50.98	1.3	10.7	51.19	1.2	15.5	51.52	1.0	2.52	52.40	0.6	3.63	31.8	0.3	3.63	31.8	0.3	3.63	31.8	0.3
17	9.78	51.36	1.1	6.90	0.64	51.15	1.3	10.8	51.58	1.0	15.4	51.75	0.8	2.52	52.60	0.5	3.62	32.7	0.2	3.62	32.7	0.2	3.62	32.7	0.2
18	9.80	51.37	0.6	6.41	0.65	51.91	0.8	10.8	51.79	0.7	15.3	51.95	0.3	2.51	52.35	0.3	3.62	31.8	0.2	3.62	31.8	0.2	3.62	31.8	0.2
19	9.85	52.19	0.5	6.02	0.68	51.66	0.3	11.1	51.70	0.5	15.7	51.71	0.5	2.50	52.23	0.5	3.68	25.4	0.4	3.68	25.4	0.4	3.68	25.4	0.4
20	9.80	51.57	0.9	6.45	0.65	51.90	0.7	10.7	52.10	0.7	15.2	52.31	0.6	2.50	52.20	0.7	3.62	30.0	0.5	3.62	30.0	0.5	3.62	30.0	0.5
21	9.85	51.83	0.5	6.01	0.68	52.11	0.5	11.0	52.44	0.5	15.4	52.45	0.5	2.51	52.62	0.5	3.61	34.0	0.2	3.61	34.0	0.2	3.61	34.0	0.2
22	9.75	51.92	0.4	6.80	0.60	52.57	0.5	10.1	52.59	0.4	14.5	52.57	0.4	2.41	52.83	0.4	3.50								
23	9.71	52.08	0.4	7.04	0.57	52.36	0.3	9.9	52.71	0.3	14.2	53.02	0.3	2.36	53.30	0.2	3.45	34.8	0.2	3.45	34.8	0.2	3.45	34.8	0.2
24	9.76	52.83	0.3	6.69	0.60	52.50	0.2	10.1	52.60	0.2	14.5	52.90	0.2	2.40	52.90	0.1	3.50	30.1	0.1	3.50	30.1	0.1	3.50	30.1	0.1
25	9.85	52.83	0.3	5.96	0.67	51.99	0.1	11.0	52.04	0.1	15.5	51.83	0.2	2.45	52.55	0.3	3.63	35.2	0.2	3.63	35.2	0.2	3.63	35.2	0.2
26	9.97	52.88	0.3	5.10	0.86	51.71	0.1	12.9	51.90	0.1	15.6	51.67	0.1	2.42	52.20	0.1	3.81	34.0	0.1	3.81	34.0	0.1	3.81	34.0	0.1
27	9.89	52.99	0.2	5.72	0.70	51.79	0.1	11.3	51.67	0.1	15.8	51.82	0.1	2.42	52.20	0.1	3.56	25.9	0.1	3.56	25.9	0.1	3.56	25.9	0.1
28	9.75	52.96	0.3	6.71	0.58	51.83	0.1	10.1	52.09	0.1	15.5	52.27	0.1	2.42	52.67	0.1	3.52	36.1	0.1	3.52	36.1	0.1	3.52	36.1	0.1
29	9.71	53.15	0.2	6.00	0.54	53.64	0.1	9.4	53.12	0.1	15.7	53.00	0.1	2.42	53.55	0.1	3.59	38.9	0.1	3.59	38.9	0.1	3.59	38.9	0.1
30	9.82	53.49	0.1	6.14	0.62	53.47	0.1	10.2	52.86	0.1	14.6	52.58	0.1	2.42	52.79	0.2	3.52	35.9	0.2	3.52	35.9	0.2	3.52	35.9	0.2
31	9.79	52.61	0.3	6.28	0.60	53.03	0.2	10.1	53.17	0.2	14.4	53.00	0.3	2.47	53.21	0.3	3.47	36.9	0.1	3.47	36.9	0.1	3.47	36.9	0.1
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Results of Radiosonde Observations,
WILKES AUGUST, 1962

DAY	SURFACE				1000 MB.		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS						
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	gpDm	gpDm	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	gpDm	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	gpDm	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	gpDm	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	gpDm	TEMPERATURE	MIXING RATIO	
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg	gpDm	°C × 10⁻¹	dg/kg
01	965	5252	0.2	746	052	5229	0.4	094	5260	0.5	138	5269	0.4	234	5270	0.4	344	535	335	344	535	335	344	535	335
02	965	5301	0.2	742	051	5347	0.1	090	5329	0.2	133	5345	0.1	229	5289	0.2	338	540	340	353	511	0.4	353	511	0.4
03	970	5317	0.2	769	055	5248	0.5	109	5161	1.4	179	5179	0.8	242	5228	0.7	353	311	0.4	364	321	0.3	364	321	0.3
04	980	5205	0.5	638	066	5127	0.5	114	5197	0.5	156	5197	0.4	254	5232	0.5	369	508	0.4	365	278	0.3	365	278	0.3
05	988	5219	0.4	657	071	5175	0.7	111	5229	0.5	155	5240	0.5	254	5240	0.5	365	284	0.4	365	308	0.3	365	308	0.3
06	985	5153	0.8	605	069	5190	0.5	111	5187	0.5	155	5209	0.4	254	5209	0.4	351	240	0.4	365	247	0.3	365	247	0.3
07	979	5208	0.5	646	064	5172	0.6	111	5201	0.3	156	5222	0.3	254	5222	0.3	354	247	0.3	365	247	0.3	365	247	0.3
08	985	5233	0.3	600	069	5172	0.4	111	5119	1.2	164	5150	1.0	264	5190	0.9	377	240	0.6	377	240	0.6	377	240	0.6
09																									
10																									
11	987	5052	2.0	595	073	5086	1.2	117	5119	1.2	164	5150	1.0	264	5190	0.9	377	240	0.6	377	240	0.6	377	240	0.6
12																									
13																									
14	977	5087	1.7	667	064	5153	0.8	107	5192	0.7	152	5217	0.7	242	5232	0.9	359	318	0.2	379	328	0.3	382	252	0.3
15	995	5073	1.8	526	079	5091	1.5	123	5139	1.2	169	5163	1.1	257	5227	0.5	382	296	0.4	382	296	0.4	382	296	0.4
16	997	5139	1.1	510	081	5100	1.2	124	5158	1.0	170	5177	0.5	242	5232	0.7	352	296	0.4	352	296	0.4	352	296	0.4
17	961	5116	1.3	794	052	5092	1.2	096	5130	1.1	142	5169	1.0	242	5232	0.7	352	296	0.4	352	296	0.4	352	296	0.4
18	976	5206	0.5	668	061	5220	0.5	103	5253	0.4	147	5282	0.5	242	5280	0.5	355	299	0.3	355	299	0.3	355	299	0.3
19	984	5221	0.4	608	069	5239	0.2	110	5271	0.2	154	5205	0.3	246	5208	0.3	364	300	0.4	364	300	0.4	364	300	0.4
20																									
21	965	5108	1.4	761	055	5142	1.0	098	5179	0.9	143	5199	0.9	242	5232	0.9	355	312	0.2	364	312	0.2	364	312	0.2
22	993	5156	0.7	540	075	5165	0.6	118	5180	0.5	164	5149	0.4	257	5215	0.4	377	280	0.3	377	280	0.3	377	280	0.3
23	984	5209	0.5	608	069	5161	0.6	112	5245	0.2	158	5149	0.4	242	5230	0.7	355	280	0.4	355	280	0.4	355	280	0.4
24	966	5161	0.7	755	055	5143	0.7	098	5170	0.8	143	5197	0.7	242	5230	0.7	355	280	0.4	355	280	0.4	355	280	0.4
25	969	5128	1.0	730	058	5147	1.0	101	5173	0.9	146	5202	0.8	244	5260	0.5	354	322	0.3	354	322	0.3	354	322	0.3
26	975	5129	1.0	684	061	5189	0.7	103	5219	0.6	148	5208	0.7	246	5248	0.3	357	303	0.3	357	303	0.3	357	303	0.3
27																									
28																									
29																									
30	977	5103	1.1	666	064	5140	0.8	107	5167	0.7	152	5200	0.6	250	5250	0.7	360	318	0.5	356	314	0.5	356	314	0.5
31	972	5137	0.8	703	060	5163	0.7	102	5200	0.6	147	5197	0.7	245	5253	0.5	360	318	0.5	356	314	0.5	356	314	0.5

Results of Radiosonde Observations,
WILKES SEPT., 1962

DAY	SURFACE			1000 MB.		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS			
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg		
01	971	5139	0.9	713	0.65	5192	0.7	107	5229	0.6	151	5207	0.7	250	5230	0.4	361	288			
02	974	5094	1.4	693	0.62	5144	0.6	105	5186	0.6	150	5215	0.5	247	5269	0.4	357	340	0.3		
03	976	5094	1.5	675	0.64	5114	1.1	108	5145	0.9	153	5179	0.8	252	5233	0.7	363	322	0.3		
04	973	5177	0.7	695	0.60	5127	0.5	104	5102	1.0	150	5134	0.5	250	5214	0.6	362	308			
05	987	5159	0.9	586	0.71	5163	0.7	114	5153	0.8	160	5174	0.7	259	5216	0.5	371	293	0.3		
06	978	5162	0.8	660	0.63	5158	0.7	107	5111	0.5	153	5150	0.5	252	5220	0.5	365	270			
07	985	5189	0.7	599	0.69	5172	0.7	112	5178	0.7	157	5150	0.5	257	5213	0.5	369	295			
08	982	5088	1.6	628	0.68	5122	1.2	112	5150	1.0	157	5181	0.8	256	5255	0.5	366	308			
09	980	5099	1.3	645	0.66	5145	0.7	109	5185	0.7	154	5218	0.6	252	5239	0.6	363	311	0.3		
10	985	5107	1.3	604	0.71	5121	0.8	114	5159	0.8	160	5197	0.7	258	5255	0.6	369	292	0.4		
11	985	5110	1.1	574	0.74	5140	1.1	117	5162	1.0	162	5200	0.8	260	5223	0.6	372	300	0.3		
12	982	5161	0.7	628	0.68	5113	0.9	111	5117	0.7	158	5132	0.6	258	5210	0.4	370	283	0.2		
13	969	5068	2.1	737	0.59	5063	1.3	103	5098	1.4	150	5130	1.3	251	5194	0.9	364	250	0.6		
14																					
15	960	5083	1.1	807	0.51	5122	0.9	094	5147	0.8	140	5175	0.8	240	5186	0.7	353	262	0.3		
16	970	5082	1.5	722	0.60	5070	1.2	104	5107	0.9	150	5142	0.6	250	5223	0.6	362	319	0.3		
17	963	5134	0.8	775	0.53	5081	1.1	098	5108	0.5	144	5147	0.6	243	5227	0.2	354	318	0.2		
18	964	5116	1.1	770	0.54	5150	0.8	097	5179	0.8	142	5212	0.7	240	5231	0.4	351	301	0.2		
19	984	5122	1.0	609	0.69	5168	0.8	112	5203	0.6	157	5239	0.6	254	5252	0.5	364	320	0.2		
20	992	5161	0.8	547	0.74	5201	0.4	116	5169	0.5	162	5192	0.6	260	5258	0.5	370	320	0.2		
21	987	5143	1.0	589	0.70	5180	0.4	113	5179	0.4	158	5215	0.3	256	5259	0.3	366	515			
22																					
23	972	5110	1.1	707	0.61	5119	0.9	104	5148	0.9	149	5184	0.8	249	5212	0.8	360	310	0.4		
24	979	5121	1.0	650	0.65	5158	0.9	108	5190	0.8	153	5220	0.6	251	5241	0.6	361	320	0.3		
25	982	5119	1.1	629	0.68	5147	0.7	111	5182	0.7	156	5220	0.6	253	5252	0.5	364	327	0.2		
26	964	5082	1.6	769	0.54	5110	1.1	098	5141	1.0	144	5175	0.9	242	5241	0.6	355	250	0.6		
27	973	5086	1.7	702	0.61	5132	0.6	104	5148	0.9	150	5175	0.8	248	5243	0.5	359	321	0.3		
28	986	5149	1.7	599	0.71	5147	0.7	114	5182	0.7	159	5196	0.7	256	5261	0.3	367	322	0.3		
29	967	5141	0.8	744	0.56	5119	0.5	100	5160	0.5	146	5131	0.4	246	5199	0.4	359	260			
30	983	5184	0.6	618	0.68	5150	0.7	111	5162	1.0	157	5153	1.0	256	5225	0.4	369	257			
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS		
DAY	GEOPO- TENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg			
01	489	396		638	522		818	665	0.59	740	225	755	461	745	591	750	758	756			
02	484	395	0.2	633	517		813	650	0.56	712	226	724	463	740	593	742	762	735			
03	489	430		635	558		816	613	0.66	548	241	662	485	685	618	701	788	723			
04	489	402		639	465		826	560	0.80	502	259	628	506	672	640	680	812	690			
05	499	372	0.2	652	427		841	545	0.92	538	268	650	514	682	648	683	820	686			
06	494	350		647	425		836	563	0.85	597	254	707	494	700	627	700	798	700			
07	496	400		645	526		827	609	0.74	581	246	710	486	710	612	732	781	722			
08	493	398	0.1	644	472		828	605	0.74	700	244	729	482	732	612	732	781	722			
09	490	410		639	506		821	645	0.66	595	236	726	474	730	604	740	740	740			
10	497	390	0.2	646	509		828	614	0.75	672	247	693	490	689	625	693	795	684			
11	499	398	0.1	648	512		829	640	0.75	652	247	702	487	720	619	719	719	719			
12	499	362		651	415		841	621	0.77	658	253	660	512	553	655	521	843	479			
13	494	327	0.4	648	440		835	596	0.77	642	252	660	502	614	642	568	827	510			
14																					
15	482	345	0.1	635	455		820	610	0.67	651	244	650	496	606	636	575	819	526			
16	488	405		636	490		819	520	0.69	645	244	651	493	591	635	542	822	502			
17	481	590	0.1	630	504		813	520	0.60	654	235	640	487	564	630	525	820	422			
18	479	382		629	494		815	582	0.65	617	244	594	502	521	648	471	841	409			
19	491	396		641	491		826	597	0.77	612	256	598	512	553	655	521	843	479			
20	497	380	0.1	647	491		831	621	0.77	658	253	624	505	574	648	544	836	459			
21	494	385		645	467		830	596	0.77	642	252	660	502	614	642	568	827	510			
22																					
23	487	410		635	510		818	600	0.66	662	240	667	479	698	613	689	785	690			
24	488	423		635	529		816	611	0.63	671	236	677	481	664	616	672	789	680			
25	490	424		637	525		818	620	0.65	679	237	701									
26	485	341	0.3	637	464		822	613	0.66	700	237	694	479	698	613	689	785	690			
27	487	360	0.2	637	478		821	621	0.66	677	240	670	485	656	621	648	797	657			
28	493	402		642	507		825	613	0.74	642	250	647	501	590	642	571	826	536			
29	488	359		639	465		830</td														

Results of Radiosonde Observations,
WILKES OCT., 1962

DAY	SURFACE			1000 MB.		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS			
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg		
01	992	5151	08	547	075	5100	05	119	5125	165	5160	264	5240	376	270						
02	988	5156	04	582	072	5130		116	5131	162	5157	261	5207	374	253						
03	981	5170	07	631	066	5190	03	108	5199	153	5188	252	5234	363	296	04					
04	991	5159	08	560	072	5227	05	115	5220	04	5193	258	5232	369	292	02					
05	980	5132	09	639	066	5161	06	109	5175	06	5194	253	5219	365	259	06					
06	970	5106	13	724	059	5129	11	102	5148	10	5170	09	247	5228	06	359	272	05			
07	980	5111	14	648	016	5130	12	110	5149	12	155	5170	10	254	5229	07	366	291	05		
08	974	5033	22	709	061	5069	13	105	5100	13	152	5143	13	252	5199	10	365	275	05		
09	953	5058	22	863	046	5068	11	090	5090	09	136	5129	06	237	5209	05	349	305	04		
10	956	5033	25	845	049	5041	14	094	5075	11	141	5110	09	242	5193	05	354	277	03		
11	963	5044	22	787	055	5045	24	099	5090	11	146	5170	10	245	5224	07	356	320	03		
12	977	5081	19	675	065	5105	15	109	5137	12	154	5170	10	253	5243	06	364	330	02		
13	984	5056	19	617	071	5114	12	114	5149	12	160	5181	09	258	5240	05	369	328	02		
14	987	5096	14	589	072	5130	11	115	5171	08	160	5210	07	259	5238	04	370	312	01		
15	977	5149	09	663	063	5165	06	106	5128	152	5159	252	5229	363	311						
16	978	5123	08	660	064	5166	07	107	5175	07	152	5203	07	259	5248	05	360	310	04		
17	980	5071	14	646	067	5140	09	110	5188	07	155	5220	06	252	5255	09	363	323	03		
18	975	5094	15	697	061	5140	09	104	5174	07	149	5210	06	247	5249	05	357	329	03		
19	974	5103	13	694	061	5165	08	104	5159	06	150	5185	04	248	5238	05	359	308			
20	975	5083	17	683	064	5072	13	108	5110	12	154	5149	11	254	5202	09	367	264	06		
21	962	5050	22	798	054	5024	22	099	5054	21	146	5086	19	248	5155	13	363	235	08		
22	959	5039	25	690	063	5090	16	107	5117	15	152	5145	14	253	5190	11	366	258			
23	982	5048	23	632	066	5110	15	110	5140	13	156	5171	11	254	5258	05	364	321	02		
24	974	5122	11	660	064	5169	08	107	5177	09	152	5212	06	249	5300	03	357	348	01		
25	972	5132	09	707	059	5190	07	101	5192	220	06	466	226	05	243	5269	05	353	306		
26	973	5071	18	700	060	5081	15	104	5112	15	150	5140	12	251	5200	09	363	294	04		
27	969	5055	21	743	059	5070	16	104	5102	16	150	5131	14	251	5194	09	364	267	05		
28	980	5094	14	647	067	5082	15	111	5105	14	158	5127	13	259	5160	08	374	228			
29	996	5042	21	517	080	5111	13	124	5149	11	170	5147	17	250	5170	10	385	210			
30	987	5051	611	592	073	5112	13	116	5140	12	162	5161	12	257	5169	10	375	273	06		
31	973	5011	33	705	063	5045	24	108	5080	22	155	5103	19	257	5162	13	371	249	07		
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS		
	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	
01	506	350		658	464		843	502	087	690	261	548	512	588	655	519	844	441			
02	504	342		658	394		851	509	104	691	279	537	530	557	674	500	866	411			
03	491	380	02	642	483		826	579	080	612	258	505	514	553	658	500	850	427			
04	498	372		648	478		835	548	091	604	270	593	527	544	671	528	859	471			
05	495	331	03	649	435		836	595	085	637	265	575	523	525	667	500	857	474			
06	488	346	03	641	439		827	598	077	640	254	618	508	555	650	540	836	508			
07	494	382	02	644	489		829	591	080	641	256	640	506	621	645	600	826	570			
08	494	358	03	645	478		830	577	081	621	257	639	506	619	645	605	825	580			
09	476	405		625	485		809	615	056	665											
10	480	408		628	527		811	580	063	631	241	614	494	579	635	575	817	560			
11	483	402		632	492		815	619	064	643	241	629	492	595	633	566	823	518			
12	489	433		637	512		819	609	068	650	244	621	498	568	641	518	830	451			
13	495	420		643	515		826	612	073	655	248	637	500	586	642	546	828	496			
14	496	404		645	510		827	620	073	680	246	670	494	626	632	610	812	581			
15	490	402		639	500		821	631	069	651	244	640	494	618	633	608	812	610			
16	488	367		640	445		827	581	077	648	253	641	501	634	638	634	815	630			
17	489	404		639	494		822	599	072	648	247	661	495	625	633	610	813	590			
18	483	408		632	504		816	600	066	640	242	633	493	592	633	585	814	576			
19	486	399		638	435		829	512	084	612	262	628	512	604	651	600	832	576			
20	496	359	03	650	408		840	549	095	580	278	569	535	542	680	525	867	500			
21	494	305	04	650	415		833	575													
22	496	331		650	440		836	596	091	551	275	538	539	476	686	470	879	430			
23	491	460		639	488		823	609	072	640	249	606	504	565	647	533	834	492			
24	483	413		632	477		819	550	074	590	254	603	508	590	649	571	832	548			
25	481	350		634	457		820	594	071	610	250	603	504	578	645	577	827	562			
26	490	384	02	641	484		825	573	078	609	257	596	515	536	659	518	847	492			
27	493	352	03	645	456		831	589													

Results of Radiosonde Observations,
WILKES NOV 1962

DAY	SURFACE				1000 MB.		900 MILLIBARS				850 MILLIBARS				800 MILLIBARS				700 MILLIBARS				600 MILLIBARS			
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg																				
01	986	5044	23	596	073	5101	19	116	5131	18	162	5152	12	262	5201	09	375	261	07	5202	05	372	273	05		
02	989	5048	19	615	072	5119	14	115	5137	09	161	5170	08	260	5219	03	372	273	05	5225	03	362	299	05		
03	000	5061	17	010	083	5070	12	128	5097	09	174	5119	07	276	5140	06	392	202	05	5243	02	370	270	05		
04	996	5070	14	522	081	5040	10	126	5040	175	5062	5062	276	5139	09	392	198	05	5139	09	392	198	05			
05	989	5038	20	583	075	5033	120	5055	168	5068	270	5157	15	262	5157	09	385	197	05	5157	09	385	197	05		
06	979	5097	12	663	066	5122	109	5114	155	5139	270	5157	15	262	5157	09	385	197	05	5157	09	385	197	05		
07	979	5117	11	654	065	5158	09	108	5188	07	153	5221	05	260	5225	03	362	299	05	5225	03	362	299	05		
08	985	5056	23	603	071	5117	07	115	5154	06	160	5189	05	260	5243	02	370	270	05	5243	02	370	270	05		
09	981	5083	16	639	068	5118	10	111	5151	10	157	5185	09	260	5206	09	368	292	05	5206	09	368	292	05		
10	977	5057	19	670	066	5061	13	110	5150	11	157	5141	09	255	5221	07	367	314	05	5221	07	367	314	05		
11	966	5018	24	759	057	5062	19	101	5094	18	148	5123	16	249	5187	11	362	261	04	5187	11	362	261	04		
12	981	5017	22	641	069	5059	18	114	5108	15	160	5138	13	260	5189	10	374	242	07	5189	10	374	242	07		
13	984	5036	22	613	072	5071	15	116	5112	12	162	5149	09	262	5177	10	376	223	08	5177	10	376	223	08		
14	984	5066	16	614	071	5091	12	116	5115	16	162	5142	05	263	5170	08	377	235	08	5170	08	377	235	08		
15	986	5046	19	598	073	5089	10	117	5118	07	163	5119	06	265	5135	06	381	202	04	5135	06	381	202	04		
16	983	5016	23	622	071	5060	08	115	5069	163	5070	266	5118	14	383	198	08	5118	14	383	198	08				
17	981	5011	18	652	069	5081	14	113	5097	07	160	5093	06	263	5119	09	379	200	08	5119	09	379	200	08		
18	980	5022	21	646	068	5108	13	111	5120	07	158	5130	06	259	5163	11	374	235	05	5163	11	374	235	05		
19	979	5022	21	656	068	5063	14	112	5096	15	164	5133	13	259	5206	08	372	250	05	5206	08	372	250	05		
20	983	5031	24	622	070	5105	15	114	5132	14	162	5164	09	262	5195	06	376	253	03	5195	06	376	253	03		
21	956	5031	23	602	073	5096	11	116	5129	12	162	5161	11	265	5221	08	378	267	03	5221	08	378	267	03		
22	990	5022	20	566	076	5090	15	120	5129	12	162	5161	11	265	5200	03	377	270	02	5200	03	377	270	02		
23	994	5048	17	536	076	5123	12	119	5156	10	165	5173	06	264	5230	06	372	240	10	5230	06	372	240	10		
24	982	5051	12	633	070	5059	07	114	5098	07	160	5140	08	259	5176	11	377	238	07	5176	11	377	238	07		
25	981	5011	25	641	070	5059	14	114	5072	14	161	5107	16	267	5122	07	372	260	05	5122	07	372	260	05		
26	990	5022	28	565	077	5075	19	121	5107	16	167	5130	14	268	5177	11	382	255	06	5177	11	382	255	06		
27	996	5029	23	525	080	5102	14	123	5138	12	169	5145	11	269	5212	08	382	259	06	5212	08	382	259	06		
28	998	5022	23	504	082	5090	17	126	5151	13	172	5144	10	272	5220	07	385	248	03	5220	07	385	248	03		
29	996	5026	20	562	080	5102	14	124	5151	11	170	5158	11	270	5218	08	382	297	04	5218	08	382	297	04		
30	993	5022	25	543	079	5090	16	122	5150	14	168	5162	12	268	5228	07	379	309	04	5228	07	379	309	04		

DAY	500 MILLIBARS				400 MILLIBARS				300 MILLIBARS				200 MILLIBARS				150 MILLIBARS				100 MILLIBARS				80 MILLIBARS				60 MILLIBARS			
	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg																													
01	504	360	03	655	476	840	583	093	585	277	520	545	413	699	355	901	346	726	397	923	385	724	390	921	380	725	341	926	338			
02	501	341	02	655	424	843	556	097	528	279	556	542	478	691	429	888	350	725	341	926	338	725	352	932	340	726	352	932	340			
03	524	362	02	679	431	866	583	113	630	290	617	547	528	692	491	883	440	726	352	932	340	726	352	932	340	727	352	932	340			
04	525	284	02	680	423	868	581	114	659	292	610	548	547	692	522	880	476	727	352	932	340	727	352	932	340	728	352	932	340			
05	518	288	02	674	407	864	558	112	641	291	580	549	527	694	507	882	480	728	352	932	340	728	352	932	340	729	352	932	340			
06	497	352	02	649	445	837	527	100	510	288	481	558	476	704	478	898	420	729	352	932	340	729	352	932	340	730	352	932	340			
07	489	380	02	641	427	834	440	105	411	302	429	576	399	728	411	923	407	730	352	932	340	730	352	932	340	731	352					

Results of Radiosonde Observations,
WILKES DEC., 1962

DAY	SURFACE				1000 MB.			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS							
	mb	TEMPERATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPERATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPERATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPERATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPERATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPERATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPERATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm					
01	986	5006	22	598	075	5070	17	118	5111	15	164	5150	11	264	5195	04	377	241	03								
02	984	5028	20	617	071	5100	13	115	5112	12	161	5132	07	262	5181	04	376	230	06								
03	984	5003	14	616	072	5089	13	116	5113	14	162	5142	13	263	5177	11	377	243	07								
04	977	5003	27	677	066	5051	21	110	5090	18	157	5129	14	258	5160	11	373	225	06								
05	984	001	34	617	072	5045	25	117	5079	21	164	5112	17	265	5183	11	378	249	07								
06	983	010	29	626	072	5060	22	116	5094	18	163	5121	16	263	5181	12	377	261	07								
07	986	001	29	599	074	5035	28	119	5070	22	166	5107	18	267	5190	11	379	259	06								
08	990	021	23	569	077	5068	20	121	5103	17	167	5139	13	268	5188	07	381	223									
09	990	006	28	569	076	5073	19	121	5112	15	167	5140	13	267	5181	06	381	217	03								
10	983	018	27	623	071	5072	15	115	5108	14	161	5143	12	262	5197	09	374	253	06								
11	982	010	29	634	070	5067	21	114	5099	17	161	5131	16	261	5202	09	374	247	07								
12	984	005	26	617	072	5059	17	116	5093	16	162	5131	14	263	5200	09	375	268	05								
13	987	5005	30	594	074	5062	21	119	5087	19	166	5120	15	267	5192	10	380	253	07								
14	986	027	34	603	074	5047	18	119	5080	15	165	5117	13	266	5195	10	379	259	05								
15	986	008	26	602	074	5057	22	118	5088	19	165	5119	16	266	5181	11	379	263	05								
16	987	029	24	592	074	5078	17	118	5107	16	164	5136	15	264	5190	10	377	271	05								
17	984	5012	28	619	071	5078	17	115	5111	16	162	5134	15	262	5200	09	374	288	05								
18	980	5016	18	648	069	5056	17	113	5090	15	160	5128	13	260	5203	09	375	259	06								
19	987	5012	31	593	074	5068	20	118	5097	18	165	5120	17	266	5182	11	379	262	06								
20	986	5027	23	599	073	5072	20	117	5106	17	164	5130	15	264	5189	10	376	280	05								
21	986	5015	22	600	073	5094	15	117	5132	13	163	5140	12	263	5202	08	375	283	04								
22	990	5005	25	572	075	5104	13	119	5139	12	165	5168	08	265	5206	08	377	279									
23	987	5028	18	593	073	5089	28	117	5120	25	163	5130		264	5168		379	202									
24	977	5022	26	668	066	5078	18	110	5107	16	167	5139	14	257	5197	10	370	269	05								
25	976	5010	25	680	066	5049	15	111	5084	15	157	5122	13	258	5191	06	371	252	05								
26	964	006	32	782	057	5015	23	103	5050	21	150	5087	19	252	5157	14	367	224	08								
27	970	017	28	735	061	5021	16	106	5059	12	153	5099	11	255	5182	09	368	270	05								
28	977	011	27	673	067	5041		112	5078	07	159	5104	06	260	5164	04	375	234	03								
29	981	5022	25	644	069	5087	16	113	5121	14	159	5150	11	259	5195	04	372	251									
30	982	5001	28	631	070	5064	18	115	5107	14	161	5149	11	261	5211	08	373	272	04								
31	985	5011	32	611	073	5035	17	118	5070	15	165	5108	13	266	5192	09	379	271	05								
DAY	500 MILLIBARS				400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS				
	gpDm	TEMPERATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPERATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPERATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPERATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPERATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPERATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPERATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPERATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg			
01	509	301	666	371	859	504	122	489	313	442	596	413	738	407	933	418											
02	507	311	02	652	407	854	501	126	452	313	446	583	419	737	410	933	400										
03	507	344	03	660	436	849	507	118	451	310	452	583	423	734	412	930	400										
04	504	308	03	660	390	852	530	117	441	311	429	585	405	737	400	934	391										
05	509	326	03	653	430	850	557	111	490	302	430	576	412	728	410	924	403										
06	506	349	03	659	449	846	569	105	470	297	447	571	394	725	406	923	370										
07	509	327	03	664	415	853	550	112	500	303	439	577	405	724	390	927	375										
08	513	295	669	384	861	523	117	540	305	466	578	414	731	388	928	388											
09	514	280	05	671	391	861	547	121	490	312	435	586	399	738	385	936	381										
10	504	341	03	656	447	846	530	111	462	304	428	579	415	732	390	929	388										
11	505	339	03	658	435	847	512	113	450	307	420	583	404	735	402	931	390										
12	505	339	03	658	428	847	532	113	466	306	451	587	408	739	405	935	392										
13	510	329	03	653	451	849	574	114	455	307	451	583	394	736	391	933	389										
14	509	348	02	661	450	847	565	112	466	304	420	580	401	732	406	928	392										
15	508	361	02	660	455	847	554	111	459	303	440	578	402	731	392	928	392										
16	506	357	03	655	450	846	550	111	470	302	439	576	416	727	419	922	410										
17	504	317	04	659	405	850	518	111	460	304	440	578	418	730	409	926	397										
18	503	340	03	656	434	844	551	108	453	301	450	575	409	727	401	924	391										
19	508	348	03	660	457	846	567	111	450	304	452	578	428	729	422	924	419										
20	505	343	03	658	460	844	565	110	440	30																	

Results of Radiosonde Observations,
WILKES JAN., 1962

DAY	2400 Hours G.M.T.																							
	SURFACE			1000 MB.			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS					
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dp/kg	gpDm																				
01	979	0.01	2.9	6.91	0.64	50.78	1.2	1.09	51.01	0.7	51.55	0.5	2.57	51.58	0.9	3.71	2.25	0.5						
02	974	5.011	2.4	7.00	0.67	50.63	1.9	1.12	50.99	1.7	51.50	1.5	2.59	51.81	0.9	3.74	2.27	0.8						
03	977	5.028	2.2	6.76	0.66	50.53	1.1	1.11	50.74	1.5	50.93	2.3	2.59	51.76	0.4	3.74	2.13							
04	967	5.033	3.1	7.55	0.58	50.40	2.6	1.03	50.64	2.3	50.85	2.0	2.54	51.30	1.5	3.70	1.93	0.9						
05	970	0.06	3.0	7.30	0.61	50.37	2.4	1.06	50.70	2.1	51.53	1.7	2.54	51.73	1.1	3.69	2.17	0.9						
06	979	0.11	6.56	6.68	0.48	1.8	1.13	50.81	1.7	51.55	1.5	2.60	51.69	1.1	3.74	2.29	0.7							
07	975	0.03	2.6	6.92	0.65	50.37	1.8	1.10	50.71	1.5	51.10	1.4	2.57	51.83	1.0	3.71	2.48	0.6						
08	973	5.011	2.3	7.11	0.63	50.47	1.8	1.08	50.80	1.7	51.16	1.5	2.56	51.80	1.1	3.69	2.58	0.6						
09	980	0.08	3.1	6.47	0.69	50.49	1.8	1.13	50.87	1.6	51.24	1.3	2.61	51.95	0.9	3.74	2.69	0.5						
10	986	0.00	2.4	6.00	0.73	50.57	1.8	1.18	50.91	1.7	51.26	1.5	2.65	52.00	0.9	3.77	2.83	0.4						
11	989	5.003	2.0	5.75	0.76	50.50	1.8	1.21	50.80	1.6	51.16	1.4	2.68	51.88	0.7	3.81	2.79	0.3						
12	987	5.008	3.9	5.96	0.74	50.64	2.4	1.19	50.99	1.9	51.36	1.5	2.66	51.92	0.9	3.79	2.63	0.3						
13	988	5.019	2.8	5.83	0.75	50.73	2.0	1.19	51.06	1.6	51.40	1.3	2.66	52.00	0.9	3.78	2.64	0.6						
14	991	5.018	3.0	5.60	0.77	50.71	2.2	1.21	51.02	1.8	51.12	1.7	2.69	51.86	0.8	3.82	2.51	0.5						
15	992	5.015	2.4	5.61	0.77	50.92	1.5	1.21	51.21	1.1	51.19	0.7	2.69	51.78	0.5	3.82	2.44	0.4						
16	988	5.019	2.3	5.85	0.74	50.88	1.7	1.19	51.14	1.5	51.30	1.2	2.66	51.81	0.7	3.79	2.58	0.5						
17	988	5.022	2.4	5.83	0.74	50.89	1.6	1.18	51.18	1.3	51.49	1.1	2.64	52.22	0.7	3.75	3.11	0.3						
18	980	5.011	2.5	6.48	0.68	50.66	1.8	1.13	50.84	1.3	51.10	0.8	2.61	51.92	0.7	3.73	2.55	0.3						
19	985	5.000	3.5	6.13	0.72	50.70	1.6	1.17	51.01	1.3	51.31	1.0	2.64	51.94	0.6	3.76	2.77	0.3						
20	984	5.014	2.7	6.20	0.71	50.88	1.3	1.15	51.20	1.1	51.52	0.9	2.51	52.09	0.5	3.74	2.59	0.3						
21	985	5.007	2.8	6.06	0.72	50.70	1.1	1.17	51.08	0.9	51.40	0.7	2.53	52.11	0.5	3.76	2.50	0.4						
22	990	5.016	2.9	5.66	0.76	50.79	1.4	1.20	51.20	1.0	51.55	0.8	2.66	52.20	0.6	3.78	3.02	0.3						
23	989	5.011	3.0	5.74	0.75	50.93	0.9	1.19	51.24	0.9	51.60	0.6	2.64	52.33	0.3	3.75	3.16	0.2						
24	986	5.026	1.6	5.95	0.73	50.87	0.7	1.17	51.16	0.6	51.48	0.3	2.63	52.04	0.5	3.76	2.45							
25	978	5.02	2.7	6.05	0.69	50.64	0.8	1.13	51.00	0.7	51.40	0.5	2.60	52.28	0.3	3.72	2.69							
26	978	5.022	2.7	6.65	0.67	50.47	1.2	1.11	50.82	1.2	51.58	1.0	2.59	51.78	0.6	3.73	2.30							
27	994	5.018	2.6	5.55	0.79	50.81	0.6	1.23	51.17	0.5	51.40	0.4	2.70	51.84	0.4	3.84	2.53							
28	984	5.006	2.9	5.93	0.74	50.74	1.3	1.18	51.05	1.2	51.42	1.1	2.65	51.92	0.7	3.78	2.54	0.4						
29	987	5.014	3.3	6.64	0.67	50.81	1.0	1.11	51.12	0.9	51.39	0.7	2.57	52.12	0.4	3.69	2.71	0.2						
30	978	5.006	2.9	7.09	0.63	50.67	1.4	1.07	50.89	1.1	51.54	0.9	2.54	51.90	0.7	3.67	2.71	0.5						
31	973	5.006	2.9	7.09	0.63	50.67	1.4	1.07	50.89	1.1	51.54	0.9	2.54	51.90	0.7	3.67	2.71	0.5						
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS		
	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dp/kg																					
01	5.04	2.92	0.2	6.60	3.88	0.1	8.53	5.12	1.13	5.05	3.02	4.70	5.75	4.01	7.29	3.85	9.27	3.48						
02	5.06	5.04	0.4	6.61	4.10		8.52	5.15	1.15	4.93	3.08	4.47	5.81	4.22	7.32	4.08	9.29	3.91						
03	5.07	2.96	0.3	5.63	4.04		8.53	5.02	1.24	4.40	3.17	4.47	5.90	4.18	7.42	4.03	9.39	3.83						
04	5.03	2.92	0.4	5.61	3.67	0.2	8.56	4.49	1.28	4.41	3.21	4.27	5.94	4.05	7.44	4.25	9.40	3.99						
05	5.01	3.13	0.4	6.61	3.67	0.2	8.48	5.02	1.16	4.30	3.11	4.23	5.87	4.17	7.39	4.06	9.34	3.90						
06	5.05	3.23	0.3	6.59	4.19	0.2	8.50	5.00	1.19	4.46	3.12	4.35	5.86	4.17	7.38	4.06	9.34	3.90						
07	5.02	3.57	0.4	6.58	4.05		8.49	5.27	1.13	4.50	3.07	4.35	5.83	4.17	7.36	3.83	9.34	3.65						
08	4.98	3.55	0.2	6.50	4.46		8.48	5.23	1.04	4.57	2.96	4.63	5.83	3.99	7.36	3.83	9.34	3.65						
09	5.03	3.55	0.3	6.55	4.54		8.42	5.46	1.07	4.50	3.00	4.31	5.71	4.07	7.26	4.07	9.25	3.89						
10	5.06	3.64	0.2	6.58	4.64		8.45	5.38	1.10	4.56	3.03	4.39	5.78	4.08	7.26	4.07	9.25	3.89						
11	5.09	3.81	0.1	6.60	4.68		8.47	5.45	1.11	4.70	3.02	4.45	5.76	4.10	7.28	4.01	9.25	3.90						
12	5.09	3.33	0.2	6.52	4.45		8.49	5.69	1.10	4.86	3.02	4.40	5.75	4.00	7.29	3.93	9.26	3.83						
13	5.08	3.39	0.3	6.62	4.33		8.50	5.54	1.12	4.66	3.05	4.32	5.80	4.07	7.32	3.99	9.29	3.88						
14	5.13	5.18	0.4	6.68	4.12		8.57	5.60	1.15	4.08	3.06	4.55	5.78	4.26	7.29	4.12	9.25	3.95						
15	5.13	3.39	0.2	6.66	4.15		8.55	5.63	1.14	4.09	3.04	4.59	5.75	4.06	7.28	3.96	9.25	3.82						
16	5.10	3.30	0.4	6.63	4.42		8.51	5.50	1.14	4.69	3.06	4.55	5.71	4.06	7.33	3.97	9.30	3.85						
17	5.04	3.72	0.2	6.55	4.74		8.42	4.98	1.11	4.28	3.05	4.28	5.79	4.13	7.31	3.94	9.29	3.72						
18	5.03	3.26	0.3	6.58	3.88		8.55	5.10	1.20	4.44	3.23	4.32	5.97	4.26	7.49	4.07	9.45	3.83						
19	5.05	3.48	0.1	6.58	4.46		8.47	5.14	1.14	4.53	3.07	4.39	5.81</td											

Results of Radiosonde Observations,
WILKES FEB., 1962

DAY	SURFACE			1000 MB.			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS						
	PRESSURE		TEMPERATURE	gpDm		gpDm		gpDm		gpDm		gpDm		gpDm		gpDm		gpDm		gpDm		°C × 10⁻¹			
	mb	= °C × 10⁻¹	dg/kg	gpDm	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	gpDm	gpDm	°C × 10⁻¹	dg/kg	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	°C × 10⁻¹	dg/kg		
01	980	5011	27	647	058	5070	21	113	5098	19	159	5125	16	260	5205	10	373	263	07						
02	984	5017	31	613	072	5068	24	116	5100	19	163	5130	16	263	5203	09	375	298	04						
03	981	5017	27	638	069	5100	13	113	5126	07	159	5162	10	258	5223	06	371	272							
04	977	5017	28	658	066	5079	16	110	5127	14	156	5141	10	257	5161		372	219							
05	984	5004	34	624	071	5037	16	116	5058	14	163	5102	13	265	5186	09	379	215	08						
06	973	5022	32	712	063	5008	15	108	5043	14	155	5079	13	258	5152	09	372	246	06						
07	984	037	42	619	072	5002	28	117	5052	18	165	5090	15	266	5183	10	379	266	05						
08	986	000	28	601	073	5050	17	118	5076	18	165	5094	13	267	5162	06	381	239	07						
09	990	022	35	569	077	5041	24	122	5072	20	169	5105	16	271	5175	11	384	265	04						
10	995	014	36	526	081	5056	17	126	5093	16	172	5128	14	273	5174	10	387	257	06						
11	992	5022	21	550	078	5074	15	123	5110	14	168	5133	13	269	5184	07	382	260	04						
12	987	5013	32	590	075	5044	21	119	5078	19	165	5113	17	267	5164	14	382	218	08						
13	982	000	27	631	071	5020	23	117	5055	21	164	5082	19	267	5123	15	384	185	09						
14	981	5003	24	646	070	5034	16	115	5065	15	162	5084	13	264	5177	09	378	243	04						
15	983	010	29	626	071	5049	17	116	5089	15	162	5115	14	263	5178	11	378	218	08						
16	977	018	26	675	067	5009	24	112	5040	22	160	5079	19	262	5156	12	377	217	08						
17	971	5007	34	721	061	5057	23	106	5073	21	155	5092	19	256	5114	20	373	183	09						
18	980	021	32	651	069	5017	16	115	5045	13	162	5085	11	264	5174	09	378	259	04						
19	982	5017	26	634	070	5060	18	115	5092	16	161	5103	13	263	5175	08	377	249	03						
20	983	5006	32	625	071	5055	19	116	5088	16	162	5133	11	263	5173	09	379	218	04						
21	969	022	37	738	060	5018	28	119	5046	19	153	5082	17	295	5162	11	369	244	08						
22	978	027	28	668	068	5034	21	111	5069	14	160	5104	18	261	5176	12	374	263	06						
23	965	5011	28	779	056	5050	09	101	5086	08	148	5118	14	249	5186	11	362	249	06						
24	964	5011	29	626	066	5036	26	100	5073	16	147	5112	14	248	5181	11	362	227	08						
25	967	5008	35	758	058	5055	24	102	5079	21	149	5100	19	252	5148	15	367	222	09						
26	976	5017	32	782	065	5067	18	109	5087	11	156	5109	18	258	5175	12	372	241	07						
27	966	5034	31	766	057	5011	31	109	5035	28	150	5065	08	253	5124	10	369	194	07						
28	970	5036	30	768	060	5064	18	105	5100	12	151	5138	07	251	5172	09	369	254	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																			
	gpDm	= °C × 10⁻¹	dg/kg	gpDm	= °C × 10⁻¹	dg/kg	gpDm	= °C × 10⁻¹	dg/kg	gpDm	= °C × 10⁻¹	dg/kg	gpDm	= °C × 10⁻¹	dg/kg	gpDm	= °C × 10⁻¹	dg/kg	gpDm	= °C × 10⁻¹	dg/kg	gpDm	= °C × 10⁻¹	dg/kg	
01	502	356	03	654	446	844	5203	112	443	505	435	579	447	730	431	923	421								
02	503	361	03	655	442	844	5209	112	436	5018	444	502	422	723	414	929	410								
03	500	351		654	452	841	494	112	433	505	433	519	417	730	412	926	408								
04	504	300		659	404	842	470	123	442	516	440	5088	432	738	422	933	420								
05	513	230	08	674	392	04	869	481	131	492	521	469	5098	459	738	441	931	431							
06	503	337	03	657	391	01	859	452	120	451	511	454	5093	440	732	433									
07	508	324	04	669	412	853	547	121	440	513	452	5042	454	734	445	934	436								
08	512	327	03	655	440	855	552	121	443	514	454	5094	448	734	445	934	442								
09	515	328	03	668	443	856	520	125	443	517	449	5080	456	737	449	930	439								
10	517	346	02	669	442	847	547	123	457	515	461	5084	456	735	449	926	439								
11	512	336	02	664	442	852	527	121	449	515	451	5084	456	732	450	925	441								
12	515	290	06	670	415	860	540	121	497	511	474	5060	457	729	452	921	448								
13	518	273	06	675	400	02	865	544	124	494	515	463	5084	459	735	441	926	433							
14	509	330	02	663	426	853	508	120	466	512	450	5082	446	732	440	926	431								
15	510	302	04	666	400	857	467	120	474	511	474	5082	455	731	440	924	437								
16	509	260	07	667	412	858	522	122	466	514	454	5085	459	734	449	927	440								
17	506	277	05	663	395	854	510	122	448	515	450	5085	442	735	442	929	429								
18	508	344	02	661	450	849	500	119	447	513	412	5087	422	737	424	932	426								
19	517	339	01	669	445	858	542	130	458	513	444	5090	409	742	412	937	418								
20	510	304	02	665	400	855	557	118	472	509	460	5081	428	731	440	923	459								
21	499	359	03	651	457	839	521	107	451	299	443	5072	438	722	425	917	409								
22	504	345		652	446	845	524	114	443	507	436	5080	428	731	430	924	431								
23	494	290	04	651	378	02</td																			

Results of Radiosonde Observations,
WILKES MARCH, 1962

DAY	SURFACE			1000 MB.			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS						
	mb	PRESSURE $^{\circ}\text{C} \times 10^{-1}$	TEMPER- ATURE dg/kg	1000 MB.			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS						
				gpDm	gpDm	gpDm																			
01	979	5033	20	653	067	5055	14	112	5090	12	159	5126	11	259	5190	08	372	287	05						
02	974	5032	17	698	063	5074	09	108	5084	08	154	5118	05	257	5100	05	375	124	15						
03	967	5033	22	759	058	5068	17	102	5094	14	149	5122	11	250	5165	05	365	230	03						
04	986	5012	26	602	074	5066	15	118	5100	15	165	5138	13	269	5190	10	382	254	06						
05	985	5034	20	610	072	5059	15	117	5078	14	164	5112	12	265	5199	09	378	241	04						
06	987	5036	20	590	073	5109	15	117	5123	12	163	5148	09	263	5200	04	376	249	04						
07	992	5033	23	550	077	5090	18	121	5126	13	167	5161	11	266	5190	05	380	249	04						
08	974	5054	20	700	063	5069	11	107	5106	12	153	5147	11	253	5190	09	367	232	04						
09	972	5022	26	714	062	5052	23	107	5076	21	154	5105	19	255	5154	09	368	222							
10	977	5022	24	673	066	5040	19	111	5070	17	158	5100	16	259	5165	09	373	246	05						
11	977	5038	24	676	065	5034	22	110	5086	14	157	5121	13	257	5195	08	370	279	04						
12	974	5029	23	699	064	5064	17	108	5098	16	155	5133	14	255	5213	08	366	286	04						
13	977	5029	22	673	066	5050	11	111	5093	08	158	5133	09	258	5198	04	371	264	04						
14	962	5012	23	794	054	5047	15	099	5082	14	146	5106	15	247	5174	10	361	255	04						
15	989	5016	28	579	074	5099	16	118	5131	14	164	5161	12	263	5225	06	375	268							
16	991	5027	28	560	077	5080	18	121	5117	15	167	5137	14	267	5203	09	380	244	07						
17																									
18	970	5009	23	734	060	5048	21	105	5067	23	152	5094	19	255	5156	14	369	238	07						
19	981	5039	19	641	069	5048	20	114	5072	16	161	5110	13	261	5163	11	375	240	04						
20	985	5029	25	610	072	5082	16	116	5112	16	162	5133	14	263	5204	09	375	262	05						
21	987	5048	20	633	073	5105	14	117	5129	10	163	5150	10	263	5220	07	374	280	05						
22	985	5050	22	694	072	5096	17	116	5125	15	162	5156	13	261	5229	07	372	310	04						
23	981	5094	16	637	067	5109	12	111	5130	09	157	5166	08	256	5220	07	368	275	03						
24	976	5101	16	679	065	5049	23	106	5170	10	151	5148	06	252	5188	06	365	257							
25	983	5049	22	621	070	5090	18	114	5108	18	161	5140	14	261	5210	08	372	302	04						
26	977	5050	19	671	065	5081	11	109	5120	11	156	5141	10	256	5194	08	369	280	03						
27	979	5043	25	653	068	5108	14	112	5125	11	158	5140	09	258	5213	03	370	293	02						
28	993	5038	24	546	078	5085	18	122	5102	16	169	5134	13	269	5193	07	382	279	04						
29	991	5099	15	559	076	5085	13	120	5109	07	166	5140	10	266	5200	04	379	281							
30	984	5131	12	610	069	5120	08	113	5132	15	159	5150	12	259	5212	02	371	300							
31	979	5151	08	650	065	5169	07	108	5146	04	153	5164	04	253	5222	02	364	315							
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS			
	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	
01	503	529	02	656	432	847	459	117	444	310	456	580	455	729	455	920	456								
02	513	5201	12	674	310	871	474	130	535	316	500	533	476	731	460	923	440								
03	497	275	05	655	358	850	500	118	438	309	448	558	455	728	468	920	451								
04	513	321	04	667	412	858	504	127	454	319	445	589	456	739	457	929	459								
05	509	319	03	663	427	853	515	121	438	314	472	586	439	736	440	928	447								
06	507	316	02	661	429	849	516	115	457	308	418	590	442	729	443	922	446								
07	511	312	02	665	419	855	518	118	462	310	447	592	437	732	440	925	442								
08	498	319	03	653	424	842	516	104	440	303	429	576	431	726	434	919	438								
09	498	358	03	651	445	838	518	105	429	301	406	579	436	733	432	912	436								
10	504	351	02	655	463	841	519	109	437	303	427	575	423	726	420	920	433								
11	499	349	02	652	453	839	516	105	441	299	432	572	430	721	445	913	454								
12	495	379	02	645	479	833	506	100	447	293	436	567	426	717	426	912	425								
13	500	363	02	651	481	836	506	102	445	294	447	565	442	715	438	909	433								
14	491	340	02	643	459	831	502	102	455	290	442	562	430	713	432	906	436								
15	503	373	02	654	475	841	512	107	477	297	470	566	450	714	464	905	468								
16	513	385	06	670	376	862	506	102	495	312	501	576	511	721	506	909	500								
17																									
18	499	340	03	651	470	840	403	109	448	302	444	570	481	717	485	906	492								
19	506	342	02	659	423	849	430	116	448	309	445	578	468	727	470	916	478								
20	505	352	02	657	440	845	504	147	111	459	302	470	570	458	718	469	908	474							
21	503	360	02	655	457	841	505	105	477	295	459	506	442	715	450	907	461								
22	499	369	02	651	460	837	505	101	478	291	479	559	461	707	460	899	459								
23	497	353	02	650	445	837	505	100	474	290	470	558	464	706	461	897	465								
2																									

Results of Radiosonde Observations,
WILKES APRIL, 1962

DAY	SURFACE			1000 MB.		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS			
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	gpDm	$^{\circ}\text{C} \times 10^{-1}$															
01	979	5101	12	650	065	5144	10	108	5171	09	154	5175	05	252	5249	03	363	328	02		
02	988	5100	13	583	073	5119	10	115	5150	10	162	5173	08	260	5250	05	370	340	03		
03	986	5128	12	598	071	5109	10	115	5153	05	161	5160	261	5211	373	246					
04	979	5172	08	648	064	5184	08	107	5131	05	154	5155	253	5202	367	257					
05	991	5138	12	560	075	5109	06	119	5154	05	165	5149	266	5152	382	190					
06	987	5124	11	588	071	5156	07	115	5155	04	160	5150	261	5165	04	376	200	05			
07	985	5106	14	605	071	5144	11	114	5160	07	160	5166	261	5183	374	231	06				
08	983	5055	17	627	071	5062	22	115	5089	20	162	5110	18	264	5163	13	378	225	08		
09	993	5037	17	546	078	5070	22	123	5100	18	169	5133	270	5203	09	382	293	07			
10	985	5118	10	604	071	5098	11	115	5115	16	161	5140	262	5212	04	373	300	03			
11	972	5172	09	705	058	5190	05	101	5136	147	5137	248	5197	361	231						
12																					
13	979	5178	03	742	063	5188		105	5216		150	5198	248	5218	361	282	02				
14	986	5216	05	591	070	5147		113	5167		159	5178	259	5159	374	218					
15	969	5131	12	732	059	5081	11	103	5114	10	149	5154	249	5181	08	363	249	03			
16	961	5026	16	796	053	5049	15	098	5070	16	145	5086	245	5120	16	358	249	06			
17	976	5043	24	679	065	5066	19	109	5092	19	156	5120	257	5180	11	371	200				
18																					
19	978	5071	17	663	065	5123	12	109	5152	11	154	5172	254	5204	08	367	267	06			
20	980	5104	14	642	066	5148	10	109	5169	09	155	5191	253	5227	07	365	286	05			
21	971	5143	10	710	059	5110	12	103	5137	11	149	5163	248	5233	06	359	319	03			
22	964	5149	11	767	054	5102	07	098	5120	07	144	5161	243	5237	03	354	304	02			
23	969	5102	16	730	058	5110	13	102	5140	12	148	5162	247	5212	07	359	297	04			
24	985	5110	13	601	070	5160	09	113	5190	08	158	5208	07	256	5232	02	367	302	01		
25	984	5184	05	606	069	5140	07	118	5164	06	157	5177	05	256	5247	04	366	322	02		
26	974	5178	06	682	061	5143	09	104	5157	09	150	5180	09	249	5217	08	361	292	04		
27	971	5089	12	717	060	5084	11	104	5107	13	151	5135	252	5180	09	365	262	05			
28	977	5163	08	664	063	5161	08	106	5198	07	151	5164	252	5210	02	364	295	01			
29	985	5194	06	597	070	5127	07	113	5139	02	159	5162	02	260	5178	02	374	255	02		
30	970	5139	12	723	058	5142	12	101	5173	09	147	5207	07	246	5212	08	358	275	05		
12																					
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS		
	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	
01	489	412		638	570		823	523	089	480	472	549	459	696	475	885	484				
02	495	456	02	660	400	01	830	491	100	470	298	554	492	699	13	887	507				
03	504	311		642	505		850	480	112	502	300	564	523	708	30	893	540				
04	497	338		649	465		838	474	106	464	297	491	497	707	510	893	527				
05	517	244	08	676	357	03	870	500	129	500	319	481	583	527	727	28	913	531			
06	510	253		669	351	04	863	508	121	525	308	515	573	509	717	24	902	537			
07	506	286	05	663	389	02	854	538	114	517	301	501	566	498	712	28	919	519			
08	512	264	07	669	377	02	863	517	124	528	308	545	566	535	709	39	894	546			
09	510	387	02	660	475		847	549	109	503	296	519	559	527	703	39	895	532			
10	501	378	01	652	486		838	549	090	504	287	497	551	509	696	32	881	535			
11	490	352		644	404		834	538	095	485	285	477	549	502	695	20	880	542			
12																					
13	489	361	01	640	475		828	500	084	459	295	501	547	539	690	552	873	572			
14	507	284		655	359	02	861	454	119	520	300	570	555	587	696	593	876	603			
15	493	336		647	381		840	494	103	502	289	515	552	523	695	552	877	576			
16	488	301	02	645	384	01	838	503	099	510	286	514	549	513	693	540	876	564			
17	505	255		664	360	03	857	513	113	553	298	558	558	538	701	552	884	570			
18																					
19	498	307	04	653	432		840	568	098	528	285	506	548	520	692	533	877	550			
20	494	371	02	646	453		832	582	091	519	277	512	540	524	684	535	869	546			
21	485	412		636	456		822	569	084	501	272	501	536	523	679	537	864	554			
22	482	366		634	459		820	580	079	527	266	520	528	539	671	550	853	567			
23	487	382	02	638	459		824	580	079	535	263	519	524	550	666	546	850	563			
24	494	402		643	513		825	610	081	554	265	562	522	570	662	582	843	599			
25	492	419		640	525		823	531	081	556	263	572	518	598	657	609	835	623			
26	489	381	02	640	466		826	589	085	543	268	562	525	592	664	604	842	620			
27	494	360	02	645	471		830	591	088	538	273	545	530	583	670	600	849	623			
28	493	342	01	647	432		834	582	089	571	272	557	528	583	668	847	612				
29	504	317	01	658	451		844	580	101	577	283	562	540	592	679	608	857	628			
30	487	377	02	638	479		823	562	083	537	262	560	519	574							

Results of Radiosonde Observations,

WILKES MAY, 1962

DAY	SURFACE			1000 MB.			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS			
	#b	PRESSURE	TEMPERATURE	MIXING RATIO	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	gpDm	
	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	$^{\circ}\text{C} \times 10^{-1}$	dg/kg		
01	967	5189	07	737	055	5132	09	099	5150	09	144	5174	08	243	5226	05	355	500	03			
02	976	5149	10	672	062	5164	09	105	5186	07	150	5210	07	248	5262	05	358	534	03			
03	981	5133	09	636	066	5189	07	108	5220	06	152	5248	05	248	5310	03	356	379	02			
04	979	5144	08	652	064	5192	04	106	5220	04	151	5260	03	246	5307	03	354	351	02			
05	984	5207	06	628	068	5148	05	112	5151	04	157	5180	03	256	5256	03	366	533				
06	984	5166	07	609	069	5144	07	112	5175	06	157	5183	05	255	5238	03	367	254	04			
07	992	5108	11	547	076	5125	09	120	5162	09	165	5204	07	263	5244	03	375	278				
08	988	5160	08	578	072	5150	07	115	5180	06	160	5189	10	260	5199	09	373	264	06			
09	977	5129	11	661	539	5130	07	107	5158	10	153	5180	09	252	5226	07	364	266	05			
10	983	5201	05	613	066	5186	04	109	5168	15	154	5185	15	252	5253	03	363	275				
11	993	5182	07	541	073	5224	06	115	5250	05	159	5205	08	257	5246	05	368	308	03			
12	988	5184	06	575	070	5240	05	111	5230	06	156	5210	04	254	5242	03	365	299				
13	988	5244	03	573	069	5261	03	104	5247	03	155	5212	04	253	5244	03	364	295				
14	983	5245	04	611	666	5231	04	107	5249	04	152	5211	03	250	5231	02	362	257				
15	975	5249	04	673	060	5189	07	103	5204	06	148	5218	12	246	5218	09	359	279	02			
16	971	5158	09	709	059	5161	09	101	5187	08	147	5149	12	247	5202	09	359	289	04			
17	975	5213	06	678	060	5716	05	102	5230	05	147	5244	05	244	5241	05	355	322				
18																						
19																						
20	989	5208	07	572	073	5130	07	116	5142	05	162	5156	05	261	5232	03	372	326	01			
21	989	5189	07	572	073	5151	02	116	5153	02	161	5190	03	260	5250	04	370	317	01			
22	973	5178	12	699	061	5117	03	105	5127	15	153	5159	11	251	5202	07	365	295	04			
23	979	5100	14	652	066	5117	16	110	5139	15	156	5140	11	256	5202	08	368	300	04			
24	987	5103	15	592	072	5129	13	115	5151	11	161	5178	10	260	5232	06	370	285	04			
25	983	5081	18	620	069	5102	12	113	5130	11	159	5158	10	259	5210	06	371	287	03			
26	992	5152	09	547	075	5133	07	119	5139	16	165	5161	02	264	5230	02	375	319	01			
27	995	5247	03	527	075	5147	11	159	5149	16	174	5174	02	263	5244	04	375	288				
28	991	5217	05	557	071	5280	03	113	5209	05	158	5200	06	255	5280	04	365	304				
29	007	5204	06	670	086	5150	07	129	5155	09	174	5170	09	273	5238	06	384	305	04			
30	008	5208	05	672	087	5107	08	131	5125	08	177	5156	07	278	5210	04	389	276	02			
31	995	5094	16	533	089	5085	07	133	5095	07	180	5120	06	281	5152	05	398	157	06			
1																						
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			
	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	
	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	$^{\circ}\text{C} \times 10^{-1}$	dg/kg		
01	482	397	02	631	504	816	557	076	517	262	528	523	555	664	570	845	596					
02	484	398	02	633	495	817	586	076	522	262	532	521	561	662	593	841	633					
03	480	418	02	629	483	814	543	077	514	263	535	522	568	663	844	600						
04	479	422	02	627	494	812	520	078	494	268	514	530	540	672	571	842	610					
05	493	394	03	644	425	835	496	098	528	263	545	542	552	672	571	843	610					
06	497	338	03	655	455	838	594	094	546	279	548	537	561	678	573	859	600					
07	504	367	03	655	455	843	552	098	553	282	554	539	587	678	502	856	621					
08	503	339	03	556	452	842	596	097	556	279	567	531	621	669	502	846	643					
09	494	378	02	647	438	834	574	091	559	273	563	526	627	663	645	838	668					
10	491	378	01	647	438	831	576	086	566	268	569	519	627	667	831	658						
11	495	399	02	644	500	832	575	089	569	274	574	527	670	674	576	855	592					
12	493	394	02	643	463	829	577	086	560	268	572	519	672	668	849	599	602					
13	493	517	02	648	415	848	547	106	550	289	569	581	676	602	854	621						
14	492	337	02	645	436	832	572	089	543	274	544	532	570	674	576	855	592					
15	487	557	02	639	457	826	559	084	542	268	535	527	567	668	581	849	599					
16	487	591	02	637	486	821	577	077	560	259	572	515	589	655	602	833	621					
17	481	402	02	630	488	815	579	072	558	254	573	509	595	644	610	826	628					
18																						
19																						
20	497	430	04	644	516	826	583	082	558	264												

Results of Radiosonde Observations,
WILKES JUNE 1962

DAY	SURFACE			1000 MB.			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS			
	PRESSURE db	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	gpDm	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg														
01	006	5167	08	055	085	09	129	5142	06	175	5130	05	276	5205	05	388	374	01				
02	003	5211	05	031	083	5100	127	5136	07	174	5136	05	274	5197	05	389	191					
03	004	5222	05	042	082	5172	05	125	5175	05	171	5160	05	271	5169	05	386	229				
04	011	5228	04	091	087		136			176			277	5181	05	391	246					
05	009	5220	05	078	087	5151	06	130	5137	05	176	5152	05	276	5192	05	389	246				
06	010	5250	04	085	086	5241	02	128	5241	02	172	5179	05	272	5207	05	384	251				
07	012	5234	04	100	088	5212	03	130	5225	03	175	5204	05	275	5185	05	379	234				
08	011	5238	04	091	087	5167		131	5141	05	176	5173	05	276	5179	05	391	232				
09	004	5212	05	042	084	5155	07	127	5166	07	172	5195	06	271	5221	06	383	284	03			
10	996	5063	02	517	080	5102	08	124	5149	10	170	5178	09	269	5191	10	383	248	07			
11	004	5052	12	042	087	5180	12	131	5120	12	177	5158	11	277	5194	10	390	250	06			
12	005	5117	10	050	086	5111	10	130	5152	10	176	5155	10	276	5179	06	390	249				
13	994	5156	06	532	077	5112		121	5107	167	5131	268	5178	04	382	238						
14	982	5111	13	626	068	5110	11	112	5146	11	158	5159	11	258	5183	12	372	229	08			
15	984	5178	06	611	068	5173	06	111	5187	04	156	5212	03	254	5254	05	367	252	05			
16	981	5155	07	630	066	5189	06	109	5205	06	153	5230	06	250	5284	04	361	296				
17	971	5178	06	710	059	5160	04	101	5209	04	146	5254	04	242	5276	04	354	277	05			
18	967	5065	15	753	057	5131	08	100	5162	09	145	5192	08	244	5239	06	355	329	03			
19	979	5139	08	651	065	5162	08	108	5197	08	153	5211	07	251	5231	03	362	313	03			
20	979	5150	06	649	064	5197	07	107	5196	07	151	5207	05	249	5244	04	360	314	03			
21	977	5166	06	651	063	5173	06	106	5203	06	150	5237	05	248	5244	03	359	309	03			
22	980	5182	05	641	065	5215	05	106	5254	04	151	5214	04	249	5237	02	360	329	02			
23	991	5167	06	554	074	5145	11	117	5130	14	163	5162	11	262	5237	06	373	310	02			
24																						
25																						
26	983	5133	07	620	078	5155	05	121	5189	05	166	5215	05	264	5210		377	274				
27	987	5199	05	588	069	5232	05	111	5210	04	156	5215	05	254	5249		364	329				
28	987	5169	04	567	070	5214	05	112	5244	05	156	5252	04	252	5280	02	361	348				
29	978	5177	07	657	065	5127		108	5154	09	143	5170	10	242	5242	06	360	324				
30	966	5184	05	745	046	5138	05	98	5154	09	143	5170	10	242	5242	06	352	334	03			
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			
	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	
01	518	344	02	671	425		859	555	112	604	292	613	552	613	690	647	865	658				
02	521	322	02	676	415		864	545	110	615	298	616	540	632	677	623	853	650				
03	517	322	02	671	423		860	556	108	618	295	623	533	648	669	671	841	681				
04	521	321		675	427		865	559	110	619	293	623	534	651	664	843	688					
05	520	309		674	431		852	570	111	633	292	625	537	647	672	668	845	694				
06	514	336		667	443		855	569	105	621	290	620	532	643	660	659	842	670				
07	510	326		664	437		849	583	099	615	287	613	537	642	653	647	839	659				
08	521	341	01	673	467		860	550	115	598	287	613	549	649	612	629	863	649				
09	511	378	01	666	472		856	502	116	592	286	613	563	653	604	616	870	628				
10	513	348	03	665	461		853	532	110	571	286	613	567	647	595	598	860	608				
11	520	320	02	675	410		856	527	120	619	287	613	553	644	591	615						
12	520	344		673	454		859	540	112	592	285	613	547	644	594	615						
13	513	307	02	668	421		856	557	103	609	288	613	549	648	591	614	847	657				
14	503	337	03	656	444		842	590	092	614	269	627	520	660	555	574	827	704				
15	497	352	03	649	468		833	610	085	619	261	623	507	684	640	700	811	720				
16	489	370	01	640	476		826	580	075	647	251	645	495	613	710	798	740					
17	482	373	02	632	474		817	596	065	651	240	671	482	706	614	721	783	740				
18	480	421		628	529		810	621	058	665	232	678	473	724	604	747	765	772				
19	488	420		635	535		817	615	053	662	237	700	478	723	604	741	775	763				
20	487	405		635	518		817	617	055	680	238	690	480	710	612	733	779	761				
21	485	422		634	515		814	640	058	672	232	678	474	715	605	730	773	750				
22	486	428		633	550		813	650	057	689	229	700	468	740	597	766	761	790				
23	500	410		648	526		827	680	056	732	235	726	471	756	599	758	762	810				
24																						
25																						
26	506	360		657	482		841	611	083	750	249	750	484	770	611	796	773	825				
27	490	411		637	530		819	630	065	704	236	721	475	734	605	750	770	773			</	

Results of Radiosonde Observations,
WILKES JULY, 1962

Results of Radiosonde Observations,
WILKES AUGUST 1962

DAY	SURFACE			1000 MB.		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO													
	mb	°C × 10⁻¹	dg/kg	gpDm	gpDm	°C × 10⁻¹	dg/kg													
01	967	5284	0.3	730	0.53	5248	0.2	0.95	5258	0.3	139	5254	0.3	235	5268	0.3	345	533		
02	961	5278	0.2	776	0.49	5269	0.3	0.90	5282	0.3	133	5290	0.3	230	5270	0.3	339	5235		
03	969	5528	0.2	709	0.53	5326	0.1	0.94	5282	0.2	138	5210	0.2	236	5258	0.2	346	316		
04	974	5232	0.4	679	0.61	5135	1.0	1.04	5153	1.0	150	5172	1.0	248	5235	0.7	355	313	04	
05	987	5196	0.5	545	0.71	5167	0.5	1.13	5190	0.4	158	5221	0.4	255	5231	0.2	367	305	02	
06	982	5190	0.6	619	0.66	5190	0.6	1.09	5226	0.6	153	5218	0.6	251	5222	0.6	363	293		
07	980	5146	0.9	640	0.66	5150	0.6	0.91	5187	0.5	154	5220	0.7	251	5245	0.5	363	286		
08	980	5222	0.4	633	0.64	5210	0.4	1.07	5201	0.4	151	5222	0.3	250	5230	0.3	361	279		
09	990	5222	0.4	561	0.72	5209	0.2	1.14	5197	0.3	159	5187	0.3	257	5258	0.5	368	320		
10																				
11																				
12																				
13																				
14	975	5066	1.7	687	0.63	5106	1.2	1.07	5141	1.1	153	5176	0.9	252	5191	0.9	365	231	08	
15	992	5078	1.8	551	0.76	5118	1.2	1.20	5155	1.0	165	5190	0.8	263	5261	0.5	373	332		
16	998	5077	1.3	501	0.82	5100	1.0	1.25	5138	0.9	171	5177	0.8	270	5238	0.4	381	321	02	
17	976	5106	1.3	672	0.65	5080	0.7	1.09	5120	0.8	155	5162	0.8	254	5211	0.7	366	280	05	
18	969	5180	0.8	730	0.56	5213	0.4	0.97	5251	0.5	142	5229	0.6	239	5250	0.6	350	303	04	
19	984	5192	0.6	610	0.67	5257	0.5	1.09	5261	0.3	152	5302	0.3	247	5259	0.2	358	311		
20	981	5208	0.5	651	0.65	5198	0.4	1.08	5223	0.5	152	5217	0.6	250	5212	0.9	363	291	05	
21	955	5083	1.9	643	0.47	5121	1.0	0.90	5128	1.4	136	5159	1.1	236	5158	1.3	351	233	08	
22	980	5083	1.6	643	0.68	5148	1.0	1.11	5150	0.9	157	5187	0.7	295	5220	0.5	367	282	02	
23	991	5156	1.0	558	0.75	5155	0.7	1.18	5161	0.4	164	5159	2.63	5224	0.3	375	307	02		
24	971	5174	0.7	206	0.59	5136	0.7	1.02	5161	0.8	148	5177	0.9	246	5240	0.6	358	279	05	
25	964	5121	0.9	765	0.53	5150	0.7	0.96	5170	0.8	142	5188	0.8	241	5230	0.7	352	305	04	
26	974	5144	1.1	690	0.61	5180	0.7	1.03	5192	0.8	146	5216	0.7	245	5269	0.5	355	319	02	
27																				
28																				
29																				
30	975	5067	1.8	678	0.63	5132	0.7	1.06	5168	0.7	151	5186	0.7	249	5270	0.4	360	308	03	
31	975	5138	0.9	680	0.62	5174	0.7	1.04	5200	0.6	149	5230	0.6	246	5257	0.6	356	339	03	

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS								
	GEOPO- ENTIAL	TEMPE- RATURE	MIXING RATIO																											
	gpDm	-°C x 10 ⁻¹	dg/kg	gpDm	-°C x 10 ⁻¹	dg/kg	gpDm	-°C x 10 ⁻¹	dg/kg	gpDm	-°C x 10 ⁻¹	dg/kg	gpDm	-°C x 10 ⁻¹	dg/kg	gpDm	-°C x 10 ⁻¹	dg/kg	gpDm	-°C x 10 ⁻¹	dg/kg	gpDm	-°C x 10 ⁻¹	dg/kg	gpDm	-°C x 10 ⁻¹				
01	471	420		618	518		800	626	047	666	221	662	466	630	500	680	773	679	600	680	773	679	600	680	773	679	600	680	773	
02	465	420		612	512		795	610	043	664	216	692	456	713	587	720	757	625	602	713	720	757	625	602	713	720	602	713	720	
03	473	393		622	489		807	590	055	663	228	672	470	713	602	714	772	716	620	713	772	716	620	713	772	716	620	713	772	
04	481	403		650	503		812	616	055	709	226	704	467	698	600	701	771	710	628	704	771	710	628	704	771	710	628	704	771	
05	493	417		642	507		824	615	070	645	245	644	494	661	629	670	802	677	629	670	802	677	629	670	802	677	629	670	802	
06	492	360		643	472		827	607	074	677	247	670	481	689	624	702	794	718	624	689	702	794	718	624	689	702	794	624	689	702
07	492	348	02	644	471		828	629	069	718	238	722																		
08	490	359		641	485		824	621	065	750	235	738	470	771	598	783	761	799	590	792	590	798	761	799	590	792	590	798	761	
09	495	391		644	496		826	632	067	748	232	780	464	792	590	808	761	799	590	808	761	799	590	808	761	799	590	808	761	
10																														
11																														
12																														
13																														
14	498	279	10	654	406		842	580	087	703	258	692	501	708	632	730	801	715	620	708	632	730	801	715	620	708	632	730	801	
15	499	421		646	527		828	620	074	679	247	683	489	691	622	691	794	688	622	691	794	688	622	691	794	688	622	691	794	
16	508	370		659	457		846	578	090	763	256	735	493	720	625	707	797	686	625	707	797	686	625	707	797	686	625	707	797	
17	495	323	04	649	431		836	584	080	730																				
18	478	383	02	628	472		812	600	058	675	232	659	480	620	618	798	585	620	618	798	585	620	618	798	585	620	618	798	585	
19	486	383	01	638	488		820	648	065	655	242	647	490	634	627	634	805	612	627	634	805	612	627	634	805	612	627	634	805	
20	491	372	02	602	452		829	591	080	649	255	660	501	670	625	675	707	647	625	675	707	647	625	675	707	647	625	675	707	
21	481	340	03	633	472		821	549	075	627	256	659	503	647	639	627	639	816	635	627	639	816	635	627	639	816	635	627	639	816
22	496	375		646	481		831	596	077	694	248	668	492	668	627	658	803	644	627	658	803	644	627	658	803	644	627	658	803	
23	502	463		653	471		838	600	082	718	253	707	495	682	700	799	707	707	700	799	707	707	700	799	707	707	700	799	707	
24	487	362	03	639	458		824	604	067	719	236	724	475	715	607	716	777	712	607	716	777	712	607	716	777	712	607	716	777	
25	480	368	02	632	475		815	621	057	712	226	741	461	754	590	758	756	760	590	758	756	760	590	758	756	760	590	758	756	
26	482	399		630	511		812	614	059	697	229	735	464	760	593	758	759	757	593	758	759	757	593	758	759	757	593	758	759	
27																														
28																														
29																														
30	487	411		634	546		812	700	049	761	216	752	450	763	579	770	744	778	575	770	744	778	575	770	744	778	575	770	744	
31	480	443		626	553		805	656	046	724	214	751	447	773	575	770	744	763	575	770	744	763	575	770	744	763	575	770	744	

Results of Radiosonde Observations,
WILKES SEPT., 1962

DAY	SURFACE			1000 MB.		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS						
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg																		
01	972	5146	701	059	5169	06	102	5187	06	147	5185	06	246	5234	05	357	321							
02	975	5150	08	678	062	5167	06	105	5195	06	149	5223	06	247	5250	05	358	302						
03	972	5115	10	706	060	5150	06	103	5174	06	148	5204	06	246	5240	05	357	317	03					
04	975	5146	09	679	063	5091	10	107	5117	06	155	5148	06	253	5229	05	364	320						
05	982	5127	15	629	066	5160	09	109	5178	09	154	5195	07	253	5232	05	364	298	04					
06	982	5173	08	626	064	5099	06	112	5127	05	158	5157	04	257	5223	05	369	283	02					
07	982	5167	07	628	066	5160	07	109	5153	06	155	5158	08	255	5203	05	368	268						
08	985	5137	08	606	070	5148	09	113	5160	09	158	5194	08	257	5240	05	368	298	02					
09	979	5113	12	652	065	5148	08	101	5178	08	153	5210	07	252	5244	07	363	299	04					
10	983	5109	13	624	069	5127	08	112	5151	08	158	5196	07	255	5272	05	365	309						
11	988	5090	14	584	073	5135	09	116	5166	09	162	5195	08	259	5245	06	371	292	04					
12	989	5103	13	673	073	5160	09	116	5194	08	161	5210	07	259	5220	05	371	301	03					
13	978	5093	13	663	066	5105	09	109	5144	09	155	5181	08	253	5195	05	367	263						
14																								
15	960	5647	16	806	052	5070	11	096	5088	10	143	5119	11	243	5197	09	356	258	05					
16	962	5099	14	790	053	5071	13	097	5107	13	144	5143	11	243	5219	07	355	285	04					
17	970	5067	16	723	059	5119	11	103	5146	11	148	5159	09	248	5235	06	358	324	03					
18	965	5132	09	762	054	5152	07	097	5167	07	145	5176	05	245	5221	03	356	303						
19	980	5112	12	645	066	5165	08	084	5200	07	153	5230	00	251	5250	04	361	322						
20	989	5126	12	577	078	5181	08	120	5212	06	165	5247	05	262	5247	05	372	318						
21	990	5183	06	563	080	5170	07	123	5173	08	168	5199	07	265	5269	05	375	325	06					
22	983	5188	07	619	057	5169	06	110	5140	05	156	5147	09	256	5209	08	361	277	05					
23	968	5083	16	743	057	5134	10	100	5160	09	146	5187	09	245	5221	07	356	309	03					
24	974	5100	15	681	062	5139	08	106	5171	08	151	5194	08	249	5229	07	360	315	04					
25	982	5126	13	627	067	5165	09	110	5188	08	155	5210	07	253	5247	06	363	335	03					
26	974	5118	11	695	052	5118	07	110	5132	04	151	5160	06	250	5240	04	361	318	03					
27	962	5085	19	788	053	5110	13	096	5132	11	142	5160	10	242	5222	07	354	261	06					
28	983	5118	12	616	068	5164	09	111	5196	08	156	5211	07	254	5248	02	364	325	03					
29	979	5153	08	646	065	5131	07	109	5164	06	154	5170	05	253	5230	03	364	300	02					
30	973	5157	09	692	060	5146	05	103	5157	06	149	5152	07	249	5197	05	362	274						
31																								
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS		
	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg			
01	484	372		640	529		821	654	060	753	226	761	461	749	591	740	759	736						
02	485	403		633	519		814	657	053	739	221	740	455	764	584	742	752	746						
03	483	418		630	537		811	610	059	658	233	674	477	674	611	688	783	704						
04	490	427		637	529		815	580	068	605	245	645	492	666	525	674	799	681						
05	492	378	02	643	460		832	531	087	615	264	616	513	662	549	665	822	670						
06	498	352	01	651	419		840	553	088	677	261	693	503	693	536	688	809	682						
07	497	367	01	648	464		833	594	081	665	254	577	498	585	532	680	805	670						
08	495	402		643	524		828	545	076	673	248	703	489	702	622	700	793	695						
09	490	380	02	640	485		824	605	069	710	239	725	475	735	607	730	776	722						
10	492	394	01	641	499		824	640	069	675	241	700	481	710	605	688	788	672						
11	498	389	02	647	513		828	636	074	683	247	678	490	683	624	681	797	679						
12	498	391	01	647	507		830	601	079	686	248	730	485	725	615	746	784	720						
13	497	316	03	651	425		838	590	081	746	248	746	486	716	618	694	790	674						
14																								
15	486	346	03	639	451		824	613	068	677	245	648	493	606	632	598	815	561						
16	487	386	02	633	503		818	569	074	624	253	616	505	597	544	567	831	500						
17	485	405		633	509		816	613	064	654	240	643	491	588	543	546	829	512						
18	484	382		634	494		817	607	067	653	244	618	499	530	545	471	839	387						
19	487	407		636	509		820	584	073	653	254	575	513	525	658	500	879	433						
20	493	379		650	487		833	520	082	636	253	610	516	551	660	502	850	438						
21	501	410		649	515		831	618	080	640	257	630	509	582	650	551	836	482						
22	497	351	03	649	458		834	610	079	671	253	672	500	607	640	579	823	542						
23	483	400		632	500		816	597	064	655	237	679	483	654	619	644	796	621						
24	486	412		634	524		826	610	075	655	249	664	495	659										
25	488	426		636	523		816	625	064	655	257	682	482	681	616	680	789	680						
26	488	385	02	639	471		8																	

Results of Radiosonde Observations,
WILKES OCT. 1962

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS				
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg		GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg											
01	9.92	5123	1.0	548	075	5167	0.9	117	5175	0.8	163	5168	0.8	262	5225	0.3	374	264			
02	9.93	5167	0.7	543	074	5180	0.7	118	5131	0.5	164	5160	0.4	263	5213	0.3	375	268			
03	9.85	5167	0.6	595	0.6	5180	0.3	111	5157	0.7	157	5168	0.6	256	5210	0.9	369	248			
04	9.86	5183	0.5	591	0.69	5205	0.6	111	5222	0.4	156	5205	0.5	254	5238	0.6	365	318			
05	9.88	5178	0.5	576	071	5207	0.3	113	5215	0.3	158	5175	0.4	257	5210	0.7	370	260			
06	9.76	5104	1.2	574	063	5121	1.1	107	5146	0.9	152	5180	0.8	251	5231	0.5	363	269			
07	9.70	5110	1.4	721	059	5123	1.2	102	5139	1.2	148	5163	1.0	247	5208	0.7	360	268			
08	9.85	5138	0.8	600	070	5132	1.1	114	5152	1.0	159	5170	0.9	258	5223	0.7	370	300			
09	9.53	5063	1.8	870	020	5	0.9	5104	1.1	135	5145	0.9	256	5225	0.7	347	304				
10																					
11	9.56	5050	1.7	840	049	5059	1.1	093	5092	1.1	140	5129	0.9	240	5209	0.5	352	303			
12	9.72	5051	1.4	707	061	5074	1.2	106	5113	1.2	152	5151	1.1	251	5230	0.7	362	318			
13	9.81	5066	1.8	658	068	5112	1.2	111	5158	0.9	157	5183	0.8	255	5242	0.5	366	327			
14	9.87	5082	1.7	593	072	5128	1.2	116	5162	1.1	161	5197	0.8	259	5240	0.4	370	319			
15	9.81	5143	0.8	635	067	5157	0.7	110	5186	0.7	155	5215	0.3	255	5226	0.6	366	305			
16																					
17	9.78	5116	1.0	657	064	5155	0.7	108	5166	0.6	155	5191	0.5	251	5257	0.4	361	312			
18	9.77	5093	1.4	666	064	5139	0.7	107	5174	0.7	152	5211	0.6	250	5248	0.5	361	314			
19	9.70	5106	0.6	719	058	5144	0.9	101	5166	0.7	147	5191	0.6	245	5248	0.4	355	315			
20	9.80	5141	0.7	644	066	5152	0.7	109	5160	0.5	154	5178	0.4	253	5238	0.2	364	270			
21																					
22	9.66	5028	2.4	762	057	5062	1.9	102	5090	1.9	148	5120	1.6	249	5168	1.2	364	234			
23	9.79	5053	1.3	653	067	5092	1.4	111	5125	1.2	157	5160	1.1	257	5208	0.8	370	263			
24	9.82	5082	1.7	632	068	5135	1.2	111	5169	1.0	156	5208	0.6	253	5285	0.4	362	329			
25	9.73	5131	1.1	696	060	5191	0.6	102	5225	0.6	147	5210	0.6	244	5287	0.2	353	339			
26	9.74	5111	1.1	691	061	5142	1.0	105	5165	1.0	150	5190	0.9	248	5247	0.6	359	300			
27																					
28	9.69	5045	1.7	738	059	5091	1.4	103	5115	1.4	149	5141	1.2	259	5182	0.9	364	248			
29	9.95	5050	1.2	539	077	5112	1.5	121	5149	1.2	167	5163	1.2	267	5155	0.7	382	221			
30	9.92	5062	1.7	553	077	5104	1.1	120	5135	1.1	166	5170	1.0	266	5190	1.0	380	229			
31	9.78	5035	2.4	668	067	5073	1.9	111	5097	1.8	157	5117	1.7	259	5160	1.3	374	146			
32																					
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS		
	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg			
	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg			
01	504	324		658	433		846	574	0.9	568	268	645	520	577	662	523	852	438			
02	505	349		656	471		831	593	0.81	641	257	629	511	563	655	530	849	393			
03	500	305	0.3	655	407		845	545	0.95	658	271	634	524	567	667	532	853	500			
04	493	374	0.2	644	486		830	560	0.83	611	262	590	513	559	649	854	440				
05	500	332	0.2	654	427		842	559	0.95	605	274	595	530	554	675	495	866	459			
06	492	341	0.3	646	439		832	583	0.83	612	263	583	521	535	665	509	854	473			
07	489	352	0.3	641	455		826	613	0.75	638	252	629	504	582	645	574	829	558			
08	497	390		646	492		832	577	0.83	644	258	648	507	625	646	606	826	575			
09	474	393	0.1	626	435		814	580	0.65	615	244	621	496	584	637	449	823	500			
10																					
11	478	416		626	520		810	551	0.62	622	240	616									
12	488	426		636	502		817	621	0.67	656	243	628	496	567	639	526	826	475			
13	492	420		640	513		822	603	0.71	651	247	629	499	593	641	538	829	466			
14	496	411		644	516		828	604	0.75	673	250	657	499	602	639	584	823	531			
15	493	392		643	486		826	627	0.72	663	246	657	494	618	632	606	812	593			
16																					
17	488	379	0.2	640	454		826	576	0.77	631	254	632	503	535	641	620	821	574			
18	488	395	0.2	638	486		822	590	0.72	645	249	637	500	605	640	584	822	558			
19	482	397		632	495		816	580	0.69	609	247	615	500	591	640	585	822	566			
20	495	298		651	393	0.2	842	531	0.98	622	276	600	530	592	671	576	853	556			
21																					
22	495	321	0.4	649	436		837	545	0.96	520	283	502	551	451	700	446					
23	499	352		651	466		836	589	0.87	619	266	577	528	494	676	458	870	419			
24	488	410		637	504		822	567	0.77	595	256	592	512	560	655	533	842	500			
25	480	363		632	433		821	559	0.75	604	254	602	503	581	649	570	832	551			
26	487	387	0.2	637	480		822	598	0.74	598	255	588	511	557	653	547	838	532			
27																					
28	494	348	0.2	646	458		832	580	0.87	573	271	530	538	431	689	391	887	349			
29	515	275	0.6	672	371	0.2	822	555	114	710	286	634	544	450	694	389	894	362			
30	511</																				

Results of Radiosonde Observations,
WILKES NOV 1962

DAY	SURFACE			1000 MB.	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PRESSURE mb	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg		gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg	gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg
01	982	5041	26	614	0.69	5086	18	114	5113	16	160	5140	14	261	5172	12	574	263	0.6
02	978	5050	23	664	0.66	5104	15	110	5131	14	155	5159	12	255	5218	0.3	567	282	0.4
03	995	5090	15	524	0.79	5087	12	123	5099	0.8	170	5120	0.6	271	5166	3.6	222		
04	997	5076	14	513	0.81	5028		127	5048		174	5055		277	5110	3.9	200	0.4	
05	993	5036	21	542	0.79	5030	0.8	124	5034		172	5072		274	5150	3.9	196		
06	983	5140	09	621	0.69	5116		112	5126		159	5146		259	5194	3.1	281		
07	978	5117	11	659	0.64	5178	07	106	5196	05	152	5162		251	5229	3.6	280		
08	984	5097	11	611	0.70	5148	07	112	5182	06	157	5220	06	254	5267	0.3	385	300	
09	983	5081	12	619	0.69	5131	07	112	5159	07	158	5187	05	257	5216	3.6	260	0.5	
10	980	5072	17	641	0.68	5099	13	112	5136	12	158	5171	10	257	5226	0.7	368	310	0.3
11	965	5052	16	766	0.56	5069	14	100	5102	13	147	5140	13	247	5190	1.0	380	265	0.6
12	975	5033	26	687	0.65	5060	17	109	5095	17	156	5129	14	256	5189	1.0	369	242	0.7
13	986	5039	22	599	0.72	5118	13	116	5152	11	162	5177	10	261	5209	0.8	374	250	0.7
14	983	5049	15	614	0.70	5056	13	115	5088	12	162	5162	08	263	5152	3.7	210		
15	987	5067	15	592	0.73	5103	10	116	5132	09	162	5160	08	262	5165	3.7	223		
16	986	5022	21	601	0.73	5065	08	117	5089	06	164	5089		268	5103	1.8	385	184	1.1
17	981	5033	19	615	0.69	5082	10	113	5105	07	159	5091		263	5119	1.3	379	200	0.8
18	983	5043	19	625	0.70	5080	10	114	5115	09	160	5102	05	263	5139	0.9	378	209	0.4
19	980	5046	17	647	0.68	5097	12	111	5154	11	157	5176	09	256	5202	0.3	370	236	
20	981	5038	23	640	0.69	5092	16	113	5121	14	159	5152	12	258	5204	0.8	371	260	
21	987	5028	22	601	0.72	5097	13	116	5132	11	162	5169	10	261	5188	1.0	374	357	0.2
22	987	5024	22	591	0.74	5084	10	118	5118	10	164	5156	09	263	5202	0.7	376	260	
23	983	5032	21	545	0.78	5112	14	121	5142	12	167	5168	10	267	5190	0.5	380	250	0.3
24	991	5059	15	558	0.76	5129	12	119	5163	11	165	5149		265	5185	3.7	237		
25	980	5043	20	646	0.69	5055	14	113	5083	14	160	5113	13	261	5181	1.0	374	249	0.6
26	988	5020	24	582	0.75	5070	16	119	5103		166	5131	15	267	5177	1.1	381	248	0.6
27	994	5028	21	538	0.79	5097	16	123	5130	11	169	5134	12	269	5191	1.0	382	258	0.6
28	998	5029	17	508	0.82	5108	13	125	5140	12	171	5168	09	271	5217	0.7	383	260	0.4
29	997	5028	20	516	0.81	5106	16	124	5146	13	170	5165	11	269	5221	0.7	381	264	0.5
30	995	5039	21	508	0.80	5100	14	124	5136	12	170	5152	12	270	5219	0.8	381	296	0.4

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS		
	GEOPOT- ENTIAL gpDm	TEMPER- ATURE $^{\circ}\text{C} \times 10^{-1}$	MIXING RATIO dg/kg																					
01	503	366	03	654	479	0.0	840	581	0.95	566	280	505	551	380	706	371	906	335						
02	496	367	02	652	469		838	554	0.94	595	276	530	545	455	696	394	895	344						
03	517	329		670	453		858	570	1.08	514	289	592	547	506	694	455	889	392						
04	526	300	02	681	422		869	587	1.15	565	292	513	548	545	692	502	882	451						
05	522	307		678	410		866	557	1.15	529	294	594	551	555	697	505	888	444						
06	499	382		650	456		849	514	1.05	561	294	535	559	536	704	460	896	479						
07	491	369		643	443		833	500	1.01	436	295	443	568	448	717	415	912	431						
08	493	378		645	425		838	434	1.11	459	306	409	582	396	734	417	929	406						
09	500	288	05	656	413		845	445	1.13	450	305	447	578	435	730	407	926	404						
10	495	389	01	646	460		836	499	1.02	448	297	305	577	353	732	364								
11	489	332	03	642	450		833	468	1.05	416	300	421	576	356	729	383	927	379						
12	501	299	05	657	405		847	530	1.09	491	300	440	577	381	731	373	930	362						
13	504	340	03	657	439		845	560	1.10	546	296	451	561	392	713	400	912	363						
14	511	387		667	400		857	539	1.12	544	301	441	580	332	737	326	940	326						
15	508	321	02	662	437		850	539	1.14	477	306	453	581	362	736	352	936	356						
16	518	288	05	674	400	0.2	863	561	1.17	528	308	460	584	390	738	370	937	364						
17	511	303	03	666	410		855	561	1.11	510	301	440	578	395	733	362	932	369						
18	510	302	03	665	422		854	568	1.10	525	300	448	576	377	730	378	929	374						
19	501	309		656	414		846	546	1.09	517	297	452	573	380	727	381	926	370						
20	501	328	02	655	434		843	553	1.03	502	294	450</												

Results of Radiosonde Observations,
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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					
	mb	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg				
01	990	5029	21	567	076	5094	17	120	5129	14	166	5148	12	265	5230	07	377	273	05						
02	984	5041	18	615	071	5098	14	115	5121	13	161	5113	07	262	5189	03	376	238							
03	984	5034	17	613	071	5083	12	115	5103	12	162	5125	12	263	5173	11	377	240	07						
04	983	5022	22	625	071	5078	14	115	5112	17	161	5138	13	262	5168	10	376	231	05						
05	980	5011	27	649	069	5056	17	113	5102	17	160	5111	12	261	5171	12	376	235	05						
06	984	5004	31	614	072	5069	20	116	5100	17	162	5135	14	263	5180	10	376	239	06						
07	984	5017	53	616	072	5051	25	117	5079	22	164	5110	18	265	5190	10	378	258	06						
08	990	5016	26	576	076	5070	19	121	5103	17	167	5137	14	267	5205	08	379	258	06						
09	990	5011	26	575	076	5090	16	120	5124	14	166	5130	11	267	5195	07	380	225	03						
10	988	5017	24	588	075	5080	16	119	5112	15	165	5144	12	265	5185	10	379	241	07						
11	980	5022	26	646	069	5055	14	113	5098	13	160	5140	11	260	5191	10	373	240	07						
12	985	5026	28	610	072	5078	17	116	5101	17	163	5129	14	263	5200	09	376	259	06						
13	985	5003	29	611	073	5058	18	117	5099	17	163	5132	14	264	5187	10	378	238	02						
14	988	5011	31	586	075	5070	18	119	5097	17	166	5129	14	266	5186	10	380	251	06						
15	987	5005	31	593	074	5064	19	119	5098	17	165	5131	15	216	5186	10	379	270	05						
16	986	006	27	601	073	5078	20	118	5103	18	164	5129	11	265	5187	07	376	270	05						
17	986	5017	29	604	073	5069	20	118	5096	17	164	5130	14	265	5200	09	377	290	04						
18	981	5020	24	638	069	5086	12	113	5112	11	159	5141	11	259	5210	08	371	265	06						
19	985	5023	23	609	073	5061	19	117	5103	16	163	5135	13	264	5191	10	377	259	06						
20	987	5033	26	593	074	5072	22	118	5098	19	165	5126	16	265	5198	09	378	267	06						
21	985	5027	23	606	072	5100	16	116	5115	14	162	5132	14	262	5201	08	375	289	04						
22	989	5027	29	578	075	5093	17	119	5130	15	165	5165	11	265	5199	10	377	271							
23	988	5068	14	580	074	5090	17	118	5124	16	164	5133	23	265	5190	10	378	262							
24	981	5040	23	643	069	5076	16	113	5111	14	159	5149	12	259	5185	10	374	215	09						
25	979	5034	22	660	067	5085	18	111	5115	18	157	5140	18	258	5200	08	370	280	04						
26	963	5018	30	788	056	010	14	101	5026	14	149	5063	14	252	5139	14	367	211	09						
27	969	009	29	745	059	5039	18	104	5075	17	151	5115	16	251	5178	11	365	249	07						
28	978	5001	31	664	068	5041	15	112	5080	14	159	5120	12	259	5200	08	372	258	06						
29	977	5028	27	673	066	5042	15	110	5079	12	157	5119	09	258	5180	10	373	230							
30	982	5027	23	626	069	5090	15	113	5124	12	159	5159	11	259	5200	03	372	268	05						
31	982	006	25	638	071	5020	15	116	5052	12	163	5093	12	264	5181	10	377	270	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	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	GEOPOTENTIAL	TEMPERATURE	MIXING RATIO	
	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$	dg/kg	gpDm	$^{\circ}\text{C} \times 10^{-1}$		
01	507	347	662	350	510	01	857	492	121	473	312	430	587	409	739	593	935	409							
02	508	290	662	394	512	425	855	510	450	460	314	446	537	415	738	410	934	400							
03	508	328	04	662	400	852	501	120	455	313	430	566	420	738	411	933	400								
04	508	308		663	454	855	500	121	459	314	433	568	413	740	400	937	388								
05	507	320	04	661	428	851	519	115	469	308	413	562	425	733	411	929	393								
06	507	332	03	660	454	847	560	108	481	299	451	774	399	727	390	925	379								
07	507	344	03	660	442	848	550	110	502	301	431	776	406	728	398	925	384								
08	510	315	02	664	423	853	521	115	499	305	441	780	395	733	388	930	379								
09	513	282	04	669	393	861	525	117	520	306	460	599	405	732	390	929	390								
10	511	315	03	665	436	854	520	121	460	313	440	568	406	741	396	938	382								
11	504	331	03	656	414	848	522	114	440	309	410	566	385	739	378	938	368								
12	506	352	03	656	444	848	510	115	450	309	426	564	407	737	398	934	385								
13	509	315	03	663	434	852	544	116	450	308	423	565	390	737	400	934	387								
14	510	330	02	663	450	851	571	116	460	309	420	563	405	736	382	934	385								
15	508	377	02	660	443	848	551	113	454	307	431	581	402	734	394	931	380								
16	507	353	02	660	460	847	559	111	452	304	430	579	400	732	392	928	394								
17	506	323	03	660	420	850	548	113	464	305	440	579	410	731	401	927	391								
18	501	319	04	656	426	845	554	108	458	301	432	574	419	726	401	923	387								
19	507	349	03	656	457	840	501	111	416	308	329	579	420	730	410	926	399								
20	507	348	05	659	460	845	586	110	451	303	429	577	414	729	400	926									

Results of Radiosonde Observations,
TROPOPAUSE

DAVIS ISLAND, 1962

January				February				March			
DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE
			TYPE				TYPE				TYPE
01	795	320	546	01	802	318	542	01	729	350	490
02	849	300	565	02	845	300	574	02	741	347	488
03	860	282	560	03	732	351	543	04	747	345	522
04	793	324	522	04	537	407	461	04	848	300	586
05	805	314	544	05	810	317	489	05	808	318	546
06	842	300	564	06	777	335	504	07	890	279	598
07	802	320	569	07	888	335	504	07	857	291	591
08	802	320	569	08	1085	216	644	08	836	300	564
09	829	316	559	09	1027	238	623	09	762	337	538
10	811	315	565	10	945	264	594	10	921	265	608
11	843	300	570	11	683	388	489	11	753	340	528
12	848	300	562	12	853	300	554	12	786	325	549
13	774	354	542	13	905	275	578	13	777	330	523
14	810	315	555	14	933	266	613	14	606	468	411
15	817	312	570	15	792	325	513	15	843	300	543
16	855	300	548	16	923	266	671	16	833	300	538
17	863	295	571	17	800	324	527	17	846	300	581
18	814	312	573	18	914	273	581	18	814	370	561
19	823	305	560	19	899	277	557	19	722	356	545
20	793	322	551	20	768	340	527	20	787	321	561
21	896	280	560	21	872	288	541	21	828	300	539
22	914	270	606	22	844	300	542	22	762	334	580
23	860	293	585	23	768	335	536	23	774	338	568
24	881	289	586	24	814	310	545	24	732	347	574
25	695	375	494	25	756	346	495	25	762	330	531
26	762	342	532	26	738	353	451	26	759	335	562
27	890	282	561	27	834	332	516	27	840	300	577
28	914	280	562	28				28	802	316	555
29	860	292	542					29	765	332	568
30	844	296	552					30	833	300	552
31	839	283	588					31			
April				May				June			
DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE
			TYPE				TYPE				TYPE
01	866	288	558	01	725	345	552	01	1042	218	697
02	835	299	555	02	832	300	576	02	1012	231	706
03	899	250	607	03	914	260	590	03	1082	210	722
04	899	274	568	04	827	310	580	04			
05	934	255	602	05	954	247	617	05	1064	216	675
06	833	300	592	06	914	261	557	06	982	242	643
07	893	288	460	07	877	278	634	07	1049	223	676
08	896	282	606	08	975	237	545	08			
09	914	268	588	09	832	300	614	09	1131	200	721
10	832	300	555	10	747	335	565	10	1090	283	608
11	829	300	653	11	987	238	651	11	869	300	579
12	860	287	624	12	887	278	637	12	1177	188	753
13	887	277	553	13	854	292	603	13	1027	232	680
14	975	246	604	14	908	260	616	14	1098	238	622
15	857	278	500	15	847	282	628	15	866	276	605
16	827	300	645	16	710	350	551	16			
17	880	281	620	17	830	300	583	17	1096	200	735
18	830	300	617	18	884	276	596	18	908	263	663
19	747	356	548	19	896	267	637	19	975	226	669
20	780	323	578	20	899	264	632	20	960	233	705
21	823	300	588	21	844	291	654	21	988	225	689
22	777	320	552	22	847	289	656	22	822	300	662
23	884	271	624	23	969	239	640	23	1015	212	726
24	751	347	548	24	851	300	612	24	969	246	733
25				25	890	274	685	25	1092	200	715
26	831	300	597	26	735	350	610	26	905	272	649
27	975	238	620	27	822	300	620	27	896	270	685
28	881	278	640	28	829	300	623	28	933	251	665
29	762	334	570	29	1006	228	733	29	978	229	683
30	821	300	596	30	819	300	605	30	1018	220	678
31				31	945	253	639				

Results of Radiosonde Observations,
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DAVIS ISLAND, 1962

July								August								September								
DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	
01	1012	226	667	3	01	1048	230	713	4	01	918	255	678	1	01	1134	183	685	4	01	1176	200	739	1
02	988	233	684	1	02	945	235	696	2	02	1042	210	739	1	02	1067	200	707	4	02	1059	200	721	3
03	1024	218	720	1	03	884	263	678	2	03	1067	200	707	4	03	985	224	711	1	03	1059	200	721	2
04	914	260	682	2	04	954	240	685	2	04	1059	200	721	2	04	1071	200	700	4	04	1249	150	737	4
05	945	241	715	1	05	982	228	726	1	05	985	224	711	1	05	1207	160	837	1	05	1176	200	739	1
06	1058	200	726	4	06	1002	216	758	2	06	1059	200	721	2	06	1068	200	720	2	06	1067	200	707	4
07	960	233	704	2	07	914	253	725	3	07	985	224	711	1	07	1059	200	721	2	07	1067	200	707	4
08	1050	200	690	3	08	975	226	742	2	08	1071	200	700	4	08	1067	200	707	4	08	1059	200	721	2
09	916	252	660	3	09	1047	200	753	4	09	1249	150	737	4	09	1151	173	835	1	09	1207	160	837	1
10	869	271	676	2	10	944	238	713	3	10	1151	173	835	1	10	1068	200	720	2	10	1176	200	739	1
11	1065	200	775	1	11	1088	192	840	1	11	1207	160	837	1	11	1068	200	720	2	11	1176	200	739	1
12	942	242	682	2	12	1060	200	701	4	12	1064	200	696	3	12	1059	200	777	1	12	1067	200	707	4
13	1000	222	704	4	13	893	262	686	2	13	1059	200	721	2	13	1067	200	707	4	13	1064	200	721	2
14	917	249	696	3	14	807	300	640	1	14	945	242	721	2	14	1058	200	710	2	14	1067	200	707	4
15	955	246	660	3	15	1024	212	733	6	15	872	274	694	1	15	946	262	688	1	15	1066	200	717	3
16	914	257	667	1	16	932	248	669	3	16	914	254	705	3	16	899	258	684	3	16	905	256	661	4
17	945	245	721	1	17	896	258	680	4	17	924	248	687	4	17	972	230	684	2	17	923	251	650	2
18	912	252	673	1	18	838	266	669	2	18	906	216	696	4	18	905	256	661	4	18	907	228	690	3
19	930	247	725	1	19	957	233	728	2	19	924	248	687	4	19	994	228	690	3	19	906	227	735	2
20	930	247	697	4	20	1027	209	735	1	20	975	251	595	3	20	911	277	577	1	20	905	256	661	4
21	1006	221	726	1	21	948	235	745	3	21	972	230	684	2	21	972	230	684	2	21	972	230	684	2
22	899	261	700	2	22	945	235	720	4	22	972	230	684	2	22	972	230	684	2	22	972	230	684	2
23	930	247	706	1	23	884	278	545	4	23	972	230	684	2	23	972	230	684	2	23	972	230	684	2
24	914	245	704	1	24	834	300	559	2	24	972	230	684	2	24	972	230	684	2	24	972	230	684	2
25	872	272	700	3	25	975	226	705	2	25	972	230	684	2	25	972	230	684	2	25	972	230	684	2
26	1057	208	749	3	26	954	232	729	2	26	972	230	684	2	26	972	230	684	2	26	972	230	684	2
27	878	265	739	1	27	945	235	720	4	27	972	230	684	2	27	972	230	684	2	27	972	230	684	2
28	795	300	693	2	28	881	261	722	2	28	972	230	684	2	28	972	230	684	2	28	972	230	684	2
29	800	300	631	1	29	899	265	718	2	29	972	230	684	2	29	972	230	684	2	29	972	230	684	2
30	961	240	649	3	30	948	235	745	3	30	887	281	566	4	30	846	300	576	1	30	846	310	578	1
31	701	362	670	4	31	881	281	566	4	31	914	268	606	1	31	847	300	554	3	31	1027	238	629	1
October								November								December								
DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	
01	1036	221	708	1	01	988	230	628	1	01	768	335	518	2	01	978	246	531	1	01	978	245	524	1
03	811	300	622	4	02	826	300	620	1	02	936	260	598	1	02	978	245	524	1	02	978	245	524	1
05	1072	200	661	4	03	1012	235	636	3	03	963	250	626	1	03	978	245	524	1	03	978	245	524	1
06	966	234	677	1	04	1106	200	628	1	04	939	262	606	1	04	978	245	524	1	04	978	245	524	1
07	957	234	662	4	05	966	254	619	1	05	954	258	609	1	05	978	245	524	1	05	978	245	524	1
08	902	262	665	2	06	853	300	581	1	06	975	251	595	3	06	978	245	524	1	06	978	245	524	1
09	921	250	694	1	07	956	248	580	1	07	972	230	684	2	07	972	230	684	2	07	972	230	684	2
10	963	234	694	1	08	884	278	545	4	08	972	230	684	2	08	972	230	684	2	08	972	230	684	2
11	914	257	671	3	09	834	300	559	2	09	972	230	684	2	09	972	230	684	2	09	972	230	684	2
12	927	248	691	2	10	823	300	584	1	10	972	230	684	2	10	972	230	684	2	10	972	230	684	2
13	975	231	690	4	11	823	300	574	4	11	972	230	684	2	11	972	230	684	2	11	972	230	684	2
14	930	254	674	2	12	832	300	574	4	12	972	230	684	2	12	972	230	684	2	12	972	230	684	2
15	940	250	693	2	13	896	274	545	3	13	972	230	684	2	13	972	230	684	2	13	972	230	684	2
16	1082	200	726	4	14	916	262	622	1	14	851	300	568	1	14	972	230	684	2	14	972	230	684	2
17	969	234	661	3	15	982	242	545	1	15	848	300	573	1	15	972	230	684	2	15	972	230	684	2
18	914	255	591	3	16	899	275	593	1	16	878	284	565	1	16	972	230	684	2	16	972	230	684	2
19	810	305	590	2	17	914	268	575	3	17	846	300	576	1	17	914	274	571	1	17	914	274	571	1
20	866	274	624	4	18	914	268	575	3	18	847	300	554	3	18	914	274	571	1	18	914	274	571	1
21	972	229	641	3	19	840	300	552	3	19	972	238	629	1	19	972	238	629	1	19	972	238	629	1
22	942	244	652	2	20	866	267	448	3	20	972	238	629	1	20	972	238	629	1	20	972	238	629	1
23	1018	220	728	1	21	846	300	564	1	21	972	238	629	1	21	972	238	629	1	21	972	238	629	1
24	960	240	715																					

Results of Radiosonde Observations, 1100 Hours G.M.T.
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MACQUARIE ISLAND, 1962

July				August				September				
DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	
01	893	291	562	1	01	1000	257	580	01	698	377	520
02	805	229	529		02	997	254	580	02	914	279	584
03	1030	248	617		03	975	261	580	03	1049	234	620
04	1082	224	613	5	04	975	261	580	04	826	329	517
05	1018	245	575	1	05	945	244	576	05	1042	235	593
06	902	286	540	1	06	777	342	480	06	703	381	521
07	908	283	593	1	07	640	420	413	07	985	257	617
08	792	335	534	1	08	863	568	502	08	997	250	639
09	936	271	630	2	09	866	310	508	09	1012	240	558
10	631	417	422	1	10	1155	206	518	10	1033	237	633
11	1027	245	558	1	11	913	280	418	11	957	265	586
12	873	500	477	2	12	695	385	429	12	901	226	616
13	710	384	490		13	668	400	446	13	1128	216	596
14	936	274	521		14	701	380	451	14	1171	200	608
15	1163	200	669	3	15	957	270	553	15	1091	226	619
16	1049	233	505		16	1009	245	603	16	1195	195	579
17	832	520	523		17	1036	243	572	17	1000	236	581
18	823	529	517		18	832	320	515	18	945	275	551
19	1153	200	641	3	19	716	374	455	19	1066	236	581
20	1030	248	616		20	1201	192	654	20	856	315	486
21	1176	226	514	3	21	914	284	453	21	1055	238	628
22	1113	241	626	1	22	799	336	485	22	1052	214	605
23	1201	192	640	1	23	823	323	530	23	1116	213	605
24	823	522	451	1	24	865	300	519	24	524	467	392
25	817	321	473	1	25	988	253	569	25	786	350	427
26	805	334	452	1	26	762	344	503	26	1174	200	550
27	817	330	495	1	27	796	328	522	27	982	264	517
28	850	316	519	1	28	762	350	490	28	1143	210	595
29	988	255	565	1	29	814	329	482	29	823	332	476
30	1012	244	611	1	30	1137	212	591	30	1140	210	608
31									31	1190	200	623

October				November				December				
DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	
01	893	291	562	1	01	1000	257	580	01	1195	195	579
02	805	229	529		02	997	254	580	02	1000	236	581
03	1030	248	617		03	975	261	580	03	945	275	551
04	1082	224	613	5	04	975	261	580	04	1066	236	581
05	1018	245	575	1	05	945	244	576	05	856	315	486
06	902	286	540	1	06	777	342	480	06	1055	235	579
07	908	283	593	1	07	640	420	413	07	1061	236	616
08	792	335	534	1	08	863	310	508	08	1128	216	596
09	936	271	630	2	09	866	310	508	09	1171	200	608
10	631	417	422	1	10	1155	206	518	10	1091	226	619
11	1027	245	558	1	11	913	280	418	11	1134	212	643
12	873	500	477	2	12	695	385	429	12	1094	229	567
13	710	384	490		13	668	400	446	13	975	271	464
14	936	274	521		14	701	380	451	14	900	294	537
15	1163	200	669	3	15	957	270	553	15	1067	238	628
16	1049	233	505		16	1009	245	603	16	1030	245	610
17	832	520	523		17	1036	243	572	17	1122	216	625
18	823	529	517		18	832	320	515	18	1058	236	583
19	1153	200	641	3	19	716	374	455	19	975	263	580
20	1030	248	616		20	1201	192	654	20	731	365	468
21	1176	226	514	3	21	914	284	453	21	1055	322	437
22	1113	241	626	1	22	799	336	485	22	1052	214	605
23	1201	192	640	1	23	823	323	530	23	1116	213	605
24	823	522	451	1	24	865	300	519	24	524	467	392
25	817	321	473	1	25	988	253	569	25	786	350	427
26	805	334	452	1	26	762	344	503	26	1174	200	550
27	817	330	495	1	27	796	328	522	27	982	264	517
28	850	316	519	1	28	762	350	490	28	1143	210	595
29	988	255	565	1	29	814	329	482	29	823	332	476
30	1012	244	611	1	30	1137	212	591	30	1140	210	608
31									31	1190	200	623

Results of Radiosonde Observations, 2300 Hours GMT
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MACQUARIE ISLAND, 1962

January						February						March					
DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	ATMOSPHERE	TYPE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	ATMOSPHERE	TYPE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	ATMOSPHERE	TYPE
01	771	350	452	1		01	1052	237	553	1		01	1018	251	542	1	
02	889	300	492	2		02	814	328	491	1		02	1036	241	560		
03	732	361	496	1		03	805	332	507	2		03	811	333	461		
04	1000	257	534	1		04	665	411	584	2		04	747	365	408		
05	885	300	508	1		05	975	269	536	1		05	744	370	410		
06	1039	243	570	1		06	1024	248	568	1		06	689	400	400		
07	854	316	456	1		07	759	350	474	1		07	1036	246	584	1	
08	1175	200	637	1		08	805	333	488	2		08	1185	200	632	2	
09	1116	220	588	2		09	1021	241	559	3		09	1131	222	537	1	
10	1045	244	541	5		10	1039	237	591	1		10	1145	214	581		
11	969	262	555	3		11	975	260	563	1		11	1088	232	570		
12	963	270	531	2		12	1061	241	583	2		12	897	300	486		
13	1015	250	550	1		13	1161	209	616	2		13	1119	219	579		
14	982	262	571	1		14	1085	236	563	2		14	1225	187	657		
15	853	334	443	2		15	1134	217	626	1		15	1100	224	629	1	
16	1219	192	673	1		16	1209	200	631	2		16	1079	230	615	2	
17	701	391	410	1		17	1198	200	626	1		17	1100	220	586		
18	945	274	542	1		18	1207	200	593	2		18	945	276	569	1	
19	936	280	502	1		19	1082	240	563	2		19	798	334	479	1	
20	1064	230	546	1		20	1075	240	539	1		20	1036	244	558	1	
21	604	432	438	2		21	1119	222	542	5		21	985	262	485	2	
22	817	327	488	5		22	811	332	425	2		22	1024	245	594		
23	1149	209	639	1		23	1158	208	586	2		23	808	333	474		
24	1088	227	604	1		24	1036	250	532	2		24	969	256	567	2	
25	1021	249	538	1		25	675	400	404	2		25	1039	240	614	1	
26	1140	213	636	1		26	1027	246	508	4		26	1164	200	532	3	
27	1171	204	631	1		27	1119	219	579	1		27	1113	223	593	2	
28	966	272	581	1		28	1181	200	617	1		28	1152	206	632	1	
29	1176	200	665	2								29	991	263	547	1	
30	1137	210	558	4								30	832	322	474	1	
31	1158	195	504	1								31	1070	232	601	2	
April						May						June					
DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	ATMOSPHERE	TYPE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	ATMOSPHERE	TYPE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	ATMOSPHERE	TYPE
01	1009	252	619	5		01	1295	156	697	1		01	1122	212	682	1	
02	1119	216	642	2		02	1073	226	576	2		02	1110	216	651	1	
03	1076	228	623	1		03	876	300	542	2		03	1109	220	661	1	
04	1137	210	579	1		04	771	340	519	2		04	939	276	556	2	
05	1158	206	628	2		05	972	252	589	1		05	1102	241	570	1	
06	1085	228	582	2		06	884	284	532	1		06	850	309	580	1	
07	805	332	448	2		07	808	322	529	2		07	963	260	644	1	
08	991	258	579	1		08	859	300	546	1		08	850	309	563	1	
09	1076	225	601	2		09	1085	220	633	2		09	762	349	505	2	
10	862	300	455	2		10	1052	230	599	2		10	857	300	506	3	
11	793	328	547	1		11	1231	180	714	1		11	1027	238	649	1	
12	719	365	529	2		12	1116	212	635	1		12	1091	215	690	1	
13	747	350	541	1		13	1198	190	729	1		13	1139	200	709	3	
14	1103	216	628	1		14	1164	200	654	3		14	1012	244	628	2	
15	1100	224	611	1		15	1082	224	635	1		15	1110	209	632	3	
16	1039	242	557	2		16	1067	228	612	1		16	1039	226	632	1	
17	867	300	501	2		17	786	336	501	2		17	1012	238	592	1	
18	975	260	555	1		18	960	261	619	1		18	1012	243	636	1	
19	873	300	532	2		19	1158	200	678	3		19	1093	250	569	2	
20	1030	241	623	1		21	1125	214	676	1		20	860	300	614	1	
21	1137	258	588	2		22	1097	223	662	1		21	847	300	597	2	
22	1162	200	660	1		23	1070	230	648	1		22	842	300	509	4	
23	874	300	496	1		24	1015	250	620	2		23	835	310	535	3	
24	1137	257	606	2		25	988	256	628	2		24	1110	207	706	1	
25	1161	200	692	3		26	1097	216	685	1		25	1067	222	682	1	
26	1235	180	677	4		27	1061	232	672	3		26	1039	233	682	1	
27	1015	244	545	2		28	1076	230	638	2		27	1048	230	664	1	
28	1129	210	648	1		29	1085	228	641	2		28	1180	190	755	1	
29	1186	193	648	1		30	1166	200	660	1		29	1102	242	650	1	
30	1036	243	593	1		31	1049	238	610	2		30	936	268	603	1	

Results of Radiosonde Observations, 2300 Hours GMT

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MACQUARIE ISLAND, 1962

July							August							September						
DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE						
01	857	300	574	1	01	998	245	541	-	01	867	300	527	-						
02	994	244	647	1	02	960	258	625	-	02	969	258	664	-						
03	671	587	508	1	03	860	295	561	-	03	963	262	598	1						
04	851	500	549	3	04	1035	228	704	-	04	793	330	486	2						
05	948	264	630	1	05	954	265	527	-	05	846	300	556	1						
06	864	300	534	1	06	1012	244	612	-	06	814	318	546	2						
07	857	300	535	4	07	975	255	576	3	07	604	426	456	1						
08	1055	232	692	1	08	887	285	527	3	08	942	265	587	1						
09	1223	179	777	1	09	832	512	570	1	09	969	260	632	1						
10	1231	183	749	1	10	1061	230	694	1	10	852	300	473	2						
11	1168	290	670	2	11	1085	220	710	1	11	1015	242	618	1						
12	1052	234	636	1	12	1067	225	699	1	12	945	262	577	1						
13	1150	200	677	4	13	1158	194	736	1	13	853	300	507	1						
14	975	258	584	4	14	1201	182	735	1	14	966	266	610	2						
15	1000	251	658	1	15	1049	228	642	3	15	1015	246	602	1						
16	1006	245	695	1	16	994	242	700	1	16	1048	234	644	1						
17	1024	243	648	1	17	1052	227	696	1	17	1024	234	607	1						
18	1058	230	675	1	18	1006	242	656	1	18	921	274	505	2						
19	549	470	433	1	19	969	251	588	1	19	880	300	556	2						
20	1039	234	672	1	20	1000	251	616	1	20	893	248	587	3						
21	1110	214	673	3	21	1085	222	647	1	21	878	300	564	2						
22	1094	215	626	3	22	875	300	550	1	22	873	300	529	2						
23	1059	232	581	3	23	1042	235	620	1	23	975	263	593	2						
24	936	280	600	2	24	994	252	629	1	24	878	300	506	2						
25	948	273	556	2	25	1021	240	635	1	25	1055	234	609	3						
26	933	270	584	1	26	689	382	518	2	26	1009	249	618	1						
27	969	256	653	1	27	1057	218	604	3	27	948	274	594	1						
28	1064	221	718	1	28	869	290	550	2	28	801	300	553	2						
29	1942	265	568	1	29	842	300	505	2	29	1064	229	623	1						
30	1027	237	647	1	30	837	300	558	4	30	765	350	472	1						
31	905	281	585	1	31	1110	210	642	1											
October							November							December						
DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE						
01	870	300	561	1	01	1012	250	582	1	01	1006	256	516	1						
02	981	254	600	1	02	1018	246	607	1	02	860	312	480	2						
03	1052	233	645	1	03	1021	245	605	1	03	1024	248	611	1						
04	1000	255	584	1	04	911	286	532	1	04	945	275	564	1						
05	966	265	583	1	05	951	268	561	1	05	908	288	467	2						
06	975	258	599	1	06	747	358	454	2	06	1064	235	614	1						
07	820	323	532	2	07	939	275	573	1	07	1061	240	582	2						
08	862	300	510	4	08	997	257	589	1	08	1094	225	627	1						
09	927	270	604	1	09	1018	252	565	1	09	1024	252	577	2						
10	870	300	476	1	10	1215	190	523	1	10	1106	220	623	1						
11	988	255	572	1	11	847	314	477	1	11										
12	1058	224	538	3	12	738	362	443	1	12										
13	823	326	534	2	13	665	400	475	1	13	814	329	472	2						
14	985	259	579	1	14	860	308	473	1	14	1022	247	615	2						
15	1164	200	675	1	15	911	288	514	1	15	1048	238	596	2						
16	966	265	574	1	16	1039	239	511	1	16	1174	206	643	2						
17	991	255	554	3	17	601	439	356	1	17	1030	241	592	2						
18	1061	233	628	1	18	719	368	459	1	18	969	265	577	1						
19	1021	248	591	2	19	1091	220	583	1	19	832	318	526	2						
20	883	300	484	2	20	1167	200	608	1	20	966	262	516	1						
21	1157	210	626	1	21	738	365	437	2	21	1103	338	472	2						
22	1112	221	634	1	22	905	286	564	1	22										
23	978	259	475	1	23	861	300	511	3	23	1021	247	539	1						
24	750	356	448	1	24	869	300	484	2	24	1067	229	550	3						
25	905	288	531	1	25	985	255	604	1	25	991	263	550	1						
26	790	340	446	1	26	854	300	500	3	26	1152	208	607	1						
27	844	318	525	1	27	893	285	532	1	27	1097	225	565	2						
28	933	278	611	1	28	843	318	523	2	28	954	274	519	1						
29	997	330	516	2	29	887	300	493	1	29	1072	230	547	1						
30	985	254	581	2	30	1143	212	622	1	30	1162	200	630	1						
31					31	1109	282	571	1											

Results of Radiosonde Observations,
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January							February							March						
DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE						
01	838	300	577	1	01	846	300	556	1	01	831	300	518	1						
02	820	310	566	1	02	844	300	538	1	02	834	300	530	1						
03					03	846	325	529	1	03	911	270	580	3						
04	741	346	553	2	04	793	285	570	1	04	846	300	588	3						
05	965	320	551	3	05	896	285	570	1	05	887	282	531	1						
06	812	311	542	3	06	867	300	518	1	07	817	313	548	3						
07					07	1000	246	514	1	07	840	300	580	1						
08	771	332	547	2	09	931	270	570	1	08	872	282	567	3						
09	805	317	584	1	10	267	584	1		09	930	265	531	3						
11	750	344	536	1	10	859	300	519	3	11	811	312	559	1						
11	762	340	520	2	11	981	248	611	3	12	853	300	536	1						
12	902	276	587	1	12	427	266	573	1	12	861	300	535	1						
13	854	300	540	3	13	848	300	556	1	13	896	282	575	3						
14	895	281	575	1	14	914	269	551	3	14	960	254	553	1						
15	939	260	603	1	15	845	300	543	3	15	762	344	498	2						
16	875	287	598	1	16	847	300	552	1	16	829	306	570	1						
17	789	325	549	3	17	930	285	523	3	17	834	300	556	2						
18	837	300	561	3	18	820	342	524	1	18	716	355	528	1						
19	792	325	537	1	19	850	300	550	1	20	750	340	552	3						
21	914	268	591	3	20	910	271	569	1	20	832	300	547	3						
22	866	288	560	1	22	854	296	542	3	21	710	358	540	2						
23	853	300	564	1	24	844	300	541	1	22	704	354	554	1						
25	948	263	590	2	24	858	290	556	1	23	756	260	483	3						
26	1012	236	633	1	24	805	312	547	3	24	695	365	548	1						
27	870	300	531	2	25	918	314	530	3	25	774	326	586	3						
27					25	845	300	526	1	26	697	369	547	2						
28	823	310	551	1	27	805	318	547	1	27	808	310	545	1						
29	846	300	526	1	28	795	326	515	3	28	750	344	541	2						
31	830	300	591	1						29	821	310	543	1						
31	811	314	546	1						30	1021	234	599	1						
										31	852	300	565	1						
April							May							June						
DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE						
01	860	287	576	1	01	794	317	567	1	01	969	248	673	2						
02	945	255	559	3	02	866	290	604	1	02	988	240	724	1						
03	744	338	526	1	03	783	333	577	1	03	1056	218	727	1						
04	847	291	569	3	04	844	300	587	1	04	1055	218	722	1						
06	917	261	619	3	05	973	239	621	3	05	1051	218	729	1						
07	832	500	585	2	06	945	251	673	1	06	968	242	694	1						
08	832	306	589	3	07	902	264	560	2	07	975	244	638	1						
09	802	314	577	1	08	857	286	599	1	08										
10	921	260	613	1	09	818	304	616	1	09	1006	226	691	1						
10	957	255	639	3	10	1103	223	665	1	10	1152	200	725	3						
11	825	300	614	1	11	902	274	609	3	11	1149	197	744	1						
12	831	300	607	3	13	835	300	605	2	12	1252	164	824	1						
13	1015	236	671	1	13	957	246	635	2	13										
14	1007	214	610	1	14	963	240	635	3	14	1041	218	634	2						
16	795	316	547	3	15	841	284	612	3	15	956	245	654	3						
17	811	310	579	3	16					16	1036	214	745	1						
17	830	300	591	3	17	914	264	594	1	17	1167	178	764	1						
18	667	378	511	1	18	831	300	567	2	18	950	238	634	3						
19	824	300	559	3	19	847	288	626	1	19	939	243	680	1						
20	837	300	623	1	20	850	283	623	3	20	924	248	666	1						
21	875	280	612	1	21	914	253	637	3	21	936	246	636	2						
23	957	248	578	3	22	821	300	623	2	22	1080	200	756	3						
23	876	277	601	1	23	823	300	618	2	23	1079	200	710	3						
24	910	270	610	3	24	823	300	639	3	24	969	242	679	2						
25	901	270	627	3	25	927	257	619	3	25	1189	173	753	3						
26	762	332	590	1	27	936	256	666	3	26	1053	226	693	2						
27	911	274	630	1	27	914	250	681	1	27	972	246	691	2						
28	830	300	586	3	28	1100	227	697	3	28	1052	250	679	3						
29	825	300	564	3	29					29	887	274	644	2						
30	793	312	570	3	30	881	270	602	3	30	948	246	627	2						
					31	951	248	627	2											

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July				August				September				
DAY	GEO. POTENTIAL	PRESSURE	TEMPER- ATURE	DAY	GEO. POTENTIAL	PRESSURE	TEMPER- ATURE	DAY	GEO. POTENTIAL	PRESSURE	TEMPER- ATURE	
TYPE												
01	1030	222	670	3	01	975	218	726	01	1089	200	666
02	1000	228	664	3	02	914	245	696	02	1033	219	698
03	927	250	690	3	03	825	292	624	03	1021	220	717
04	816	300	635	3	04	924	251	716	04	1029	215	749
05	890	265	688	2	05	1055	200	736	05	960	238	696
06	934	238	706	3	06	1005	214	775	06	908	256	672
07	965	236	705	2	07	951	236	736	07	1201	161	714
08	951	234	686	3	08	1037	200	744	08	1186	170	698
09	1054	200	721	3	09	1040	200	750	09	1100	194	786
10	957	235	662	3	10	948	235	714	10	1137	179	806
11	997	219	704	3	11	1047	200	718	11	1076	200	788
12	957	235	679	1	12	972	225	706	12	1113	186	785
13	942	245	666	3	13				13	1063	200	690
14	857	282	644	3	14	869	273	671	14	1059	200	712
15	911	252	649	3	15	1053	200	719	15	942	244	681
16	933	248	696	2	16	936	247	694	16	1054	200	701
17	969	225	708	3	17	960	232	679	17	1058	200	695
18	905	256	692	3	18	927	248	694	18	1015	216	719
19	1012	216	707	3	19	1113	176	817	19	1012	216	719
20	1071	200	770	3	20	969	232	730	20	998	222	699
21	1140	186	804	3	21	884	268	699	21	966	234	663
22	1065	200	785	3	22	1065	200	715	22	972	228	684
23	942	242	771	1	23	853	280	688	23	945	240	653
24	972	224	745	3	24				24	1065	200	668
25	939	237	708	3	25	939	238	695	25	1032	214	664
26	1059	200	755	3	26	1060	229	702	26	1078	200	766
27	905	275	737	1	27	896	255	698	27	1077	200	750
28	759	519	701	2	28	991	218	732	28	954	245	719
29	969	224	715	3	29	1015	214	665	29	954	242	689
30	1024	214	714	3	30	981	228	699	30	997	230	702
31	1009	218	744	3	31	940	254	656				
October				November				December				
DAY	GEO. POTENTIAL	PRESSURE	TEMPER- ATURE	DAY	GEO. POTENTIAL	PRESSURE	TEMPER- ATURE	DAY	GEO. POTENTIAL	PRESSURE	TEMPER- ATURE	
TYPE												
01	857	266	645	3	01	818	300	632	01	893	275	535
02	924	246	665	3	02	825	300	627	02	945	256	610
03	810	300	631	3	03	839	300	595	03	845	300	577
04	884	264	661	3	04	1018	235	619	04	937	260	635
05	879	272	661	3	05				05	969	247	633
07	965	235	711	3	06	838	300	585	06	955	256	620
08	902	261	665	3	07	1021	226	634	08	893	284	583
09	813	300	650	2	08	959	251	610	08	1006	241	643
10	974	230	702	3	09	796	311	583	09	908	278	586
11	988	228	719	3	10				10	805	317	519
12	1038	214	725	3	11	745	337	574	11	808	315	544
13	1093	200	726	3	12	831	300	575	12	799	322	553
14	1006	228	654	3	13	994	326	648	13	761	342	554
15	1003	225	677	3	14	981	338	684	14	845	300	550
17	890	264	626	3	15	914	265	580	15	869	289	563
17	981	236	683	3	16	963	248	646	16	839	300	573
18	907	261	616	1	17	896	277	620	17	872	286	589
19	975	232	640	3	18	756	336	568	19	879	285	590
20	939	242	648	3	19	853	302	561	19	843	300	592
21				20	839	300	572	20	814	315	553	
22	1007	226	731	1	21	785	334	510	21	933	267	605
23	908	265	663	2	22	799	324	554	22	904	280	575
24	972	234	693	3	23	853	300	539	23	1012	235	661
25	988	224	688	3	24	883	284	556	24	1035	226	597
27	864	274	665	3	25	914	272	577	25	1003	240	631
27	870	278	671	3	26	858	300	563	26	889	285	578
28	908	257	684	3	27	975	253	634	27	957	267	574
29	911	255	691	1	28				28	745	358	470
30	821	300	669	2	29	1076	218	641	29	762	344	511
31	925	252	665	3	30	806	317	540	30	1059	251	590
				31	1006	252	584					

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January					February					March				
DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	942	259	572	1	01	854	297	545	1	01	879	292	500	1
02	910	274	575	1	02	820	311	525	1	02	919	267	535	1
03	1100	214	610	1	03	726	336	482	1	03	884	286	508	2
04	901	277	500	1	04	1022	236	586	1	04	843	304	519	2
05	902	278	523	1	05	958	260	556	1	05	820	310	523	1
06	873	290	534	1	06	714	367	496	1	06	870	293	560	1
07	899	275	570	1	07	840	305	542	1	07	890	284	583	1
08	861	290	557	1	08	850	303	559	3	08	860	290	576	1
09	751	342	536	1	09	826	314	541	1	09	860	294	592	1
10	970	247	555	1	10	850	302	563	1	10	810	314	578	1
11	979	278	579	1	11	854	301	519	1	11	808	312	560	1
12	889	281	578	1	12	901	280	606	1	12	795	320	558	2
13	931	266	600	1	13	951	260	597	1	13	921	267	575	1
14	951	258	615	1	14	849	302	493	4	14	840	298	559	1
15	902	278	585	1	15	902	282	531	1	15	886	286	520	3
16	820	212	540	1	16					16				
17	703	370	494	4	17	839	308	552	1	17	836	303	527	1
18	818	312	500	2	18	828	312	519	3	18	798	323	526	2
19	832	306	510	3	19	821	312	539	1	19	769	338	523	2
20	856	298	527	3	20					20	829	375	401	1
21	930	266	578	1	21	794	324	555	1	21	862	290	578	1
22	772	334	518	3	22	872	288	505	1	22	819	308	556	1
23	829	307	517	3	23	797	315	530	1	23	799	322	537	3
24	808	318	526	1	24	842	301	527	1	24	831	310	594	1
25	847	300	548	1	25	890	280	536	1	25	795	320	539	1
26	818	312	535	1	26	780	333	521	1	26	883	278	560	1
27	910	275	568	1	27	858	298	518	1	27	842	298	534	1
28	825	314	538	1	28	838	304	482	1	28	941	257	634	1
29	923	268	547	3	29					29	890	275	637	1
30	820	311	520	1	30					30	769	350	577	2
31	820	312	536	1	31					31	782	320	569	1
April					May					June				
DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	746	340	561	1	01	865	277	581	1	01	935	266	653	3
02	931	264	528	1	02	922	296	573	1	02	1050	221	685	3
03	744	350	494	1	03	686	365	536	3	03	1034	227	678	1
04					04	764	326	548	3	04	1054	220	680	1
05	940	265	573	2	05	1029	224	617	4	05	1015	233	657	1
06	950	260	600	1	06	850	293	588	3	06	1000	239	640	1
07					07	923	267	641	1	07	1008	240	658	1
08	661	394	509	1	08	969	252	651	1	08	1146	190	594	4
09	896	277	583	3	09	940	254	623	1	09	1088	288	558	3
10	783	322	524	3	10	884	281	596	1	10	1094	260	600	1
11	840	292	542	3	11	950	250	590	3	11	1094	254	597	1
12					12	920	261	552	3	12	1002	272	610	1
13	1450	118	579	3	13	894	274	580	1	13	1004	235	687	1
14	1160	188	644	1	14	857	288	603	1	14	1095	258	656	1
15					15	828	298	619	1	15	1096	243	629	1
16	931	262	550	3	16	870	276	616	1	16	1089	268	645	1
17	980	244	604	1	17					17	1087	275	664	2
18	912	267	512	1	18					18	1029	210	671	3
19	874	282	594	3	19	845	288	626	3	19	898	264	652	4
20	843	294	588	1	20	947	250	679	3	20	941	244	663	4
21	793	312	564	1	21	908	268	673	4	21	926	249	605	4
22	934	251	614	1	22	739	342	592	3	22	1037	210	708	4
23	875	277	619	1	23	886	276	586	3	23				
24	746	338	603	1	24	940	255	675	3	24				
25	883	274	594	1	25	955	248	679	6	25	1066	203	744	4
26	863	283	589	1	26	912	268	670	4	26				
27	820	306	564	1	27	909	265	619	3	27	884	267	649	4
28	823	307	588	1	28	954	250	672	3	28	952	239	680	4
29	902	273	633	1	29	932	262	643	1	29	909	257	666	3
30	809	304	558	1	30	1260	159	756	1	30	972	232	622	4
31					31	1110	236	673	3					

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July						August						September					
	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE		DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE		DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	810	306	600	2		01	986	220	664	4		01	1110	183	759		
02	1050	212	645	2		02	1100	182	659	4		02	1054	201	712		
03	1020	224	693	1		03	987	220	701	4		03	761	327	612		
04						04	970	236	700	1		04	979	236	595		
05	1033	236	665	1		05	982	234	667	3		05	1019	226	670		
06	1064	204	687	1		06	1080	198	727	1		06	998	231	690		
07	1143	176	726	2		07	980	233	739	2		07	1261	146	711		
08	1096	238	690	2		08	1021	216	751	3		08	1200	162	728		
09	1093	254	690	2		09						09	1212	156	726		
10	1090	194	670	4		10						10	1200	162	695		
11	1024	211	671	4		11	1148	181	814	2		11	1126	184	695		
12	1061	202	650	3		12						12	1171	173	753		
13	1063	203	641	1		13						13					
14	1032	215	695	4		14	1091	260	618	3		14					
15						15	904	267	557	4		15	946	244	689	1	
16	1002	222	645	4		16	1105	217	750	4		16	968	236	641	4	
17	868	276	673	1		17	972	235	679	4		17	905	258	649	4	
18	938	248	673	3		18	926	255	654	4		18	1018	216	620	4	
19	1194	166	752	3		19	828	299	600	4		19	877	277	626	5	
20	1077	326	564	4		20						20	895	270	668	3	
21	675	335	598	4		21	1114	185	665	4		21	1012	222	683	5	
22	990	260	624	4		22	1096	195	712	3		22					
23	1098	227	624	4		23	1105	218	757	4		23	950	242	654	5	
24	1022	213	658	3		24	984	230	739	4		24	917	254	661	6	
25	1091	257	705	3		25	1098	240	716	4		25					
26	1091	214	699	4		26	1127	181	745	1		26	948	244	696	4	
27	1086	278	690	3		27						27	858	282	661	4	
28	1081	297	662	4		28						28	1028	216	648		
29	990	214	702	4		29						29	1090	197	616		
30	986	222	694	4		30	830	291	702	2		30	895	274	634	4	
31	1133	174	668	4		31	911	253	748	2							
October						November						December					
	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE		DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE		DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	TYPE
01	997	235	700	3		01	935	258	606	2		01	990	245	536		
02	1111	198	694	1		02	978	242	616	1		02	911	275	508		
03	1118	170	617	3		03	1067	216	687	1		03	802	322	510		
04	1071	206	605	3		04	1031	229	712	1		04	903	277	560		
05	1035	217	660	2		05	1018	234	682	1		05	886	284	565		
06	948	248	646	3		06	798	319	530	3		06	883	283	591		
07	1069	204	642	4		07	764	332	469	5		07	938	263	593		
08	998	229	644	1		08	982	244	512	3		08	988	246	620		
09	900	258	685	2		09	847	295	512	3		09	949	262	600		
10	1050	204	654	2		10	757	338	509	3		10	885	283	559		
11	804	305	620	4		11	791	322	526	2		11	890	280	524		
12	970	235	647	4		12	920	268	575	3		12	860	294	553		
13	979	234	655	4		13	988	242	626	1		13	835	298	575		
14	1002	224	682	1		14	933	263	581	3		14	850	299	566		
15	958	241	658	1		15	922	270	624	1		15	831	307	558		
16	992	234	650	1		16	970	250	646	1		16	852	297	552	3	
17	910	261	633	2		17	966	252	651	1		17	918	270	565	3	
18	939	246	645	1		18	896	279	558	3		18	869	289	566	3	
19	1012	224	612	2		19	906	259	571	2		19	838	304	570	3	
20	920	265	596	1		20	911	269	580	2		20	812	315	571		
21	849	294	603	1		21	942	259	618	2		21	831	306	560		
22	952	243	649	1		22	920	267	625	2		22	737	355	494		
23	1031	224	594	4		23	1050	220	554	2		23	949	265	542	2	
24	875	275	617	1		24	968	250	616	1		24	812	313	523	3	
25	976	236	611	1		25	924	268	584	1		25	860	245	546	1	
26	877	279	607	1		26	1003	239	612	1		26	865	284	546	1	
27	1111	196	680	1		27	995	242	603	1		27	863	318	485	4	
28	1102	234	665	1		28	917	274	549	1		28	860	294	548	4	
29	922	266	598	1		29	764	342	520	2		29	780	332	496	3	
30	900	274	566	1		30	958	255	495	2		30	760	342	483	1	
31						31						31	810	318	544		

Results of Radiosonde Observations, 2400 Hours GMT
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WILKES 1962

January				February				March					
DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE		
			TYPE				TYPE				TYPE		
01	972	249	596	1	01	830	306	505	1	01	740	352	472
02	902	277	548	3	02	790	326	511	1	02	1040	231	608
03	790	350	506	3	03	772	334	521	1	03	910	273	550
04	750	351	453	1	04	869	292	493	460	04	868	296	507
05	892	280	520	1	05	980	253	573	1	05	840	306	520
06	857	297	502	1	06	1020	226	494	4	06	855	297	572
07	871	289	542	1	07	869	298	550	1	07	919	272	592
08	791	322	540	2	08	860	297	556	1	08	861	291	559
09	863	290	551	1	09	830	312	545	1	09	870	286	551
10	859	294	542	2	10	841	308	555	1	10	845	298	582
11	855	296	548	2	11	835	309	536	1	11	818	310	564
12	829	309	569	3	12	952	260	565	1	12	759	337	522
13	885	284	577	1	13	956	260	590	1	13	767	334	553
14	937	264	610	1	14	894	282	524	1	14	870	282	546
15	936	264	603	1	15	915	274	554	1	15	776	332	541
16	884	285	566	2	16	919	274	567	1	16	914	277	556
17	730	356	518	2	17	930	311	517	1	17			
18	658	400	388	4	18	797	325	528	1	18	736	352	528
19					19	851	302	543	1	19	790	302	550
20	825	510	521	3	20	881	288	579	5	20	845	306	547
21	915	272	549	3	21	853	303	524	1	21	860	292	570
22	923	267	566	1	22	816	314	550	1	22	814	310	466
23	817	314	538	1	23	880	284	529	1	23	855	292	468
24	762	336	507	3	24	907	272	511	1	24	861	288	578
25	873	291	541	1	25	836	304	525	1	25	780	325	568
26	834	305	509	3	26	894	302	567	1	26	908	269	574
27	788	329	546	1	27	791	326	487	1	27	870	285	579
28	870	280	581	1	28	897	277	496	5	28	915	270	615
29	982	247	589	1						29	912	268	634
30	869	288	564	1						30	829	301	605
31	866	289	540	1						31	815	305	580
April				May				June					
DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE	DAY	GEO-POTENTIAL	PRESSURE	TEMPERATURE		
			TYPE				TYPE				TYPE		
01	763	330	548	2	01	750	332	565	5	01	1048	222	610
02	670	385	516	3	02	801	307	586	5	02	1049	222	703
03	886	284	548	1	03	740	357	573	1	03	1031	227	680
04	766	335	513	2	04	721	346	586	5	04	1024	231	675
05	1022	236	585	2	05	979	241	546	3	05	1006	237	671
06	1009	239	605	2	06	886	278	620	1	06	1067	216	661
07	913	273	588	1	07	921	265	611	1	07	997	236	671
08	913	278	554	1	08	853	295	603	3	08	1011	236	596
09	880	284	561	2	09	821	307	578	3	09	1087	210	582
10	831	308	571	1	10	894	272	606	3	10	909	242	591
11	906	268	572	1	11	924	260	555	3	11	1097	211	635
12				12	848	291	586	3	12	936	265	622	
13	748	359	545	1	13	1023	244	573	3	13	976	251	646
14	1083	212	619	2	14	934	255	590	3	14	944	254	653
15	963	248	537	3	15	920	259	583	3	15	860	287	624
16	945	255	557	1	16	912	260	588	3	16	995	228	653
17	1007	237	620	1	17	811	302	578	3	17	951	241	659
18				18					18	881	272	662	
19	921	264	586	1	19				19	987	227	652	
20	860	287	591	1	20	737	345	586	1	20	1030	212	684
21	800	311	577	1	21	869	295	609	1	21	950	240	682
22	867	279	592	3	22	751	334	572	1	22	990	224	690
23	915	259	642	1	23	718	346	585	3	23	914	259	731
24	819	303	612	3	24	970	242	621	3	24			
25	760	331	583	1	25	892	273	634	1	25			
26	822	301	579	1	26	949	250	592	3	26	1160	175	768
27	850	292	603	1	27	945	252	630	3	27	1078	196	710
28	855	290	600	1	28	1053	214	642	3	28	1083	295	650
29	860	293	589	2	29	889	280	635	3	29	1094	243	695
30	829	298	564	3	30	1120	191	710	1	30	1099	203	639

Results of Radiosonde Observations,
TROPOPAUSE

WILKES 1962

July												August												September											
DAY	GEO. POTENTIAL	PRESSURE	TEMPER- ATURE	TYPE	DAY	GEO. POTENTIAL	PRESSURE	TEMPER- ATURE	TYPE	DAY	GEO. POTENTIAL	PRESSURE	TEMPER- ATURE	TYPE																					
01	837	291	642	4	01	1095	237	668	4	01	913	257	729	4																					
02	908	226	597	4	02	1087	266	637	4	02	962	234	739	4																					
03	1010	228	667	3	03	1094	242	656	4	03	884	267	651	4																					
04	826	305	617	4	04	1096	234	711	4	04	717	350	567	4																					
05	1025	222	691	3	05	1094	250	685	3	05	1052	212	615	4																					
06	951	242	683	3	06	1039	212	679	4	06	995	234	666	4																					
07	1040	209	676	4	07					07	906	266	649	4																					
08	960	238	700	4	08	1052	212	757	4	08	981	234	656	4																					
09	991	222	656	4	09	1190	161	778	4	09	1090	193	218	4																					
10	932	254	676	2	10					10	848	288	660	2																					
11					11					11	1059	205	684	3																					
12	752	340	583	4	12					12	1300	138	743	4																					
13	1050	209	682	1	13					13	1035	216	746	4																					
14	890	268	628	4	14	1094	234	697	2	14																									
15					15	1110	189	683	4	15	964	238	723	3																					
16					16	1131	186	795	1	16	936	250	628	3																					
17	825	296	619	2	17	1099	234	711	2	17	897	263	665	3																					
18	916	258	627	2	18	1096	237	679	1	18	955	240	640	1																					
19	1161	173	650	3	19	1083	294	617	1	19	934	187	602	1																					
20	1170	171	635	6	20	1085	198	650	2	20	853	290	632	2																					
21	1070	200	650	2	21	1249	152	659	3	21	891	272	631	2																					
22					22	1105	191	700		22	1015	222	704	1																					
23	984	235	642	2	23	1098	236	724	1	23	908	258	670	2																					
24	1094	190	646	2	24	1098	230	739	1	24	988	231	659	4																					
25	1011	219	725	1	25	1011	216	730	2	25	1237	150	682	3																					
26	950	241	724	1	26	1150	171	729	4	26	941	247	690	1																					
27	853	283	695	2	27					27	966	236	684	1																					
28	834	286	702	2	28					28	958	241	654	1																					
29	1123	182	700	4	29					29	809	309	590	2																					
30	1085	276	695	4	30	1094	241	750	4	30	971	240	641	1																					
31	1077	217	625	4	31	1003	216	725	4																										
October												November												December											
DAY	GEO. POTENTIAL	PRESSURE	TEMPER- ATURE	TYPE	DAY	GEO. POTENTIAL	PRESSURE	TEMPER- ATURE	TYPE	DAY	GEO. POTENTIAL	PRESSURE	TEMPER- ATURE	TYPE																					
01	1050	215	693	3	01	949	252	607		01	950	260	534																						
02	1023	220	642		02	1076	206	597		02	862	296	515																						
03	1030	222	666	1	03	1046	220	648		03	842	205	516																						
04	906	266	607	1	04	1080	212	693		04	907	277	517																						
05	997	234	630	1	05	1046	224	688		05	913	272	537																						
06	956	246	634	1	06	1083	208	575		06	910	271	585																						
07	930	253	645	1	07	789	321	512		07	867	292	557																						
08	970	240	636	3	08	794	320	463		08	946	259	553																						
09	903	260	620	1	09	802	320	528		09	980	249	622																						
10					10	811	311	508		10	870	293	528																						
11	1021	214	660	1	11	728	352	496		11	900	277	522																						
12	949	243	654	3	12	890	281	562		12	878	296	514																						
13	1053	206	654	3	13	916	268	615		13	906	296	573																						
14	1090	195	674	3	14	993	242	626		14	845	303	573																						
15	973	255	676	3	15	896	280	558		15	878	287	566																						
16					16	997	243	653		16	868	290	568																						
17	992	229	636	3	17	971	249	635		17	871	289	563																						
18	1075	199	645	3	18	901	278	605		18	885	262	581																						
19	1088	273	600	4	19	900	276	559		19	823	311	557																						
20	1058	213	625	3	20	929	262	572		20	851	297	589																						
21					21	930	263	620		21	851	296	562																						
22	953	250	562	2	22	904	274	617		22	811	316	565																						
23	932	256	638	3	23	996	239	619		23	935	277	519																						
24	961	240	599	4	24	1023	232	636		24	781	332	515																						
25	916	258	608	2	25	945	258	584		25	757	340	498																						
26	871	277	619	3	26	978	249	603		26	887	282	508																						
27					27	991	243	600		27	816	311	512																						
28	841	294	588	2	28	996	242	542		28	857	295	515																						
29	1154	187	734	1	29	840	306	564		29	811	316	530																						
30	900	277	592	2	30	811	317	493		30	757	343	481																						
31	887	281	615	2						31	760	342	518																						

Results of Upper Wind Observations,
DAVIS 1962

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	=x10 kt	=x10 kt	=x10 kt	=x10 kt	=x10 kt	=x10 kt					
1	01	06												
1	01	12	00 00	15 04	14 04	26 03	25 03		31 17	30 28	30 29	28 25	28 26	
1	01	18												
1	01	24	03 05	06 09	07 06	36 03	28 04	32 03	24 08	27 18	28 35	28 27	28 27	
1	02	06												
1	02	12	01 09	04 12	02 09	05 07	31 06	34 04	27 11	25 39	27 38	28 29	29 40	
1	02	18												
1	03	06												
1	03	12	25 12	19 15	12 11	09 16	10 13	11 08	08 06	36 06	34 39	33 28	31 25	
1	03	18												
1	03	00	07 06	04 15	07 07	09 11	13 11	10 06	36 04	31 15	30 24	31 39	31 37	
1	04	06	29 05	26 08		05 08	02 03	33 02	27 08	28 05	33 09	35 28	33 13	
1	04	12	27 09	23 08	36 07	05 12	32 05	29 07	29 10	32 14	32 15	35 12	32 15	
1	04	18												
1	04	00	00 00	12 05	04 04	11 08	09 06	20 07	18 11	16 10	35 28	33 19	31 12	
1	05	06	36 06	36 08	06 05	35 05	32 09	33 05	33 11	01 14	01 20	35 26		
1	05	12	36 07	03 06	08 05	35 03	03 03	36 06	31 07	34 08	32 11	29 25	30 20	
1	05	18												
1	05	00	02 09	06 11	31 08	33 07	29 08	28 12	30 13	36 15	01 22	36 24	33 17	
1	06	06												
1	06	12	23 11	18 18	08 04	05 12	07 7	10 03	17 02	29 04	35 10	02 05	33 03	
1	06	18												
1	06	00	03 06	06 13	13 05	10 09	11 13	05 08	09 05	05 13	05 08	54 04	33 13	33 08
1	07	06	26 07	24 08	00 00	36 02	35 01	32 02	35 03	33 10	35 18	36 13	33 07	
1	07	12	24 08	19 11	28 02	29 01	03 04	03 03	34 08	34 17	34 12	31 07	30 06	
1	07	18												
1	07	00	24 08	18 14	22 08	03 02	04 05	01 01	22 08	32 08	35 10	35 16	33 03	
1	08	06												
1	08	12	24 06	18 06	08 08	02 06	10 05	03 05	02 09	03 12	02 17	02 11	35 06	
1	08	18												
1	08	00	27 04	19 12	19 09	08 04	04 05	04 07	01 08	01 12	36 10	34 14	35 07	
1	09	06												
1	09	12	36 03	04 04	03 15	07 12	03 04	05 01	05 08	06 12	05 17	04 11	01 06	
1	09	18												
1	09	00	03 10	04 18	04 09	05 04	02 02	09 01	04 10	03 15	03 25	03 21	01 09	
1	10	06												
1	10	12	36 02	04 03	06 07	07 11	05 06	04 03	06 04	03 16	04 14	06 05	13 01	
1	10	18												
1	10	00	04 10	05 12	02 12	02 13	03 09	01 06	05 05	02 07	02 13	03 16	07 07	
1	11	06												
1	11	12	35 04	05 06	03 06	18 03	17 02	09 04	09 12	07 30	07 20	15 06	18 06	
1	11	18												
1	11	00	02 02	07 09	17 05	16 07	13 07	09 16	10 04	08 15	08 18	08 12	13 05	
1	12	06												
1	12	12	25 06	19 09	19 03	22 02	21 01	05 01	05 08	09 13	08 16	13 07	21 08	
1	12	18												
1	12	00	36 01	09 06	11 04	22 05	24 04	15 05	06 08	07 21	07 25	10 20	19 09	
1	12	06	36 10	04 07	21 05	15 03	09 02	14 01	23 05	21 07	20 08	24 12	23 15	
1	13	12	00 00	16 02	16 01	13 04	32 01	25 03	22 08	17 08	20 12	23 15	23 20	
1	13	18												
1	13	00	00 00	15 10	21 07	05 01	04 04	04 01	14 04	15 07	16 12	19 09	23 14	
1	14	06	05 16	05 22	09 11	15 06	11 03	06 06	06 06	32 06	26 08	24 17	25 24	
1	14	12	01 09	03 10	05 14	03 08	36 09	01 05	26 05	24 15	26 14	25 14	24 19	
1	14	18												
1	14	00	02 10	06 10	07 01	19 04	19 03	02 05	28 06	07 07	09 24	11 12	24 17	
1	15	06												
1	15	12	04 29	04 29	03 27	02 10	30 04	35 09	34 07	26 06	27 10	23 09	25 10	
1	15	18												
1	15	00	03 03	05 14	04 15	05 11	05 11	05 10	01 04	29 05	27 08	25 18	26 13	
1	16	06	01 11	02 10	09 09	08 06	04 03	14 06	08 01	29 05	27 08	25 18	26 12	
1	16	12	24 03	03 03	05 08	12 01	18 8	18 04	22 03	28 03	24 07	22 15	24 12	
1	16	18												
1	16	00	06 08	07 13	03 12	04 13	07 11	02 12	07 04	28 03	26 10	25 11	25 07	
1	16	23												
1	17	06	02 14	04 23	04 12	05 14	06 13	00 00	07 05	25 08	22 14		27 20	
1	17	12	36 07	07 04	06 10	01 19	06 13	05 04	22 04	23 20				
1	17	18												
1	18	06	03 19	05 23	08 13	11 14	01 02	27 18	19 12	21 20	23 26	25 20	27 09	
1	18	12	01 11	02 09	03 12	03 09	08 03	21 08	21 11	22 18	23 15	25 09	25 07	
1	18	18												
1	18	00	04 04	04 06	10 03	09 08	10 09	13 09	12 11	18 07	19 12	21 20	22 08	27 08
1	19	06	36 14	02 14	06 09	18 04	13 07	02 07	29 06	30 07	24 10	28 07	32 20	
1	19	12	29 02		24 01	15 02	18 03	30 04	27 06	32 10	30 09	35 17	30 10	
1	19	18												
1	19	00	04 04	07 09	04 05	00 00	05 10	25 04		25 10	26 07	28 11	28 10	
1	20	06												
1	20	12	27 02		18 02	21 05		22 04	27 05	31 06	34 05	27 08	26 06	
1	20	18												
1	20	00	00 00	05 02	18 05	20 05	21 9	23 16	25 05	02 06	06 02	31 04	29 09	
1	21	06												
1	21	12	25 08	19 11	26 06	30 14	31 14	29 14	26 08	26 05	27 03	08 11	23 10	
1	21	18												
1	21	00	16 03	15 14	19 04	21 08	17 09	24 13	26 08	22 05	30 01	26 02	23 07	
1	21	23												
1	22	06	00 00	13 03	21 06	24 07	22 14	32 16	22 13	24 11	25 30	24 25	25 19	
1	22	12	20 05	17 10	33 08	24 02	26 06		25 14	24 12	24 27	23 42	25 24	
1	22	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	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt											
1	23	06	36	08	03	08	10	10	15	14	13	10	19	12	26	15	28	17	28	19	27	17	27	17		
1	23	12	00	00	05	05	11	07	13	08	15	15	15	17	21	32	23	12	25	25	26	31	28	51	26	20
1	23	18							12	06	16	14	18	08	26	13	28	23	27	15	27	17	27	17		
1	24	00	09	05	11	07	11	09	06	06	06	07	06	12	06	29	03	12	18	30	28	28	51	30	30	
1	24	06	36	18	05	11	09	11	06	06	07	06	11	07	00	00	29	13	30	20	29	19	29	14	27	19
1	24	12	36	10	07	13	06	07	12	04	11	07	00	00	29	13	30	20	29	19	29	14	27	19		
1	24	18																								
1	24	00	00	00	08	06	05	08	04	06	10	05	16	06	27	07	28	19	28	25	28	27	28	20		
1	25	06	36	08	03	08	08	11	06	07	11	01	06	02	34	11	35	24								
1	25	12	00	00	13	07	05	15	21	03	10	06	23	07	32	10	28	12	28	18	25	17	27	18		
1	25	18	00	00	16	03	19	03	24	05	27	06	30	06	37	10										
1	25	00	05	02	09	11	02	06	04	06	04	03	10	05	33	04	32	19	31	28	30	28	25	17		
1	26	06																								
1	26	12	36	15																						
1	26	18																								
1	26	00	02	08																						
1	27	06																								
1	27	12	32	01																						
1	27	18																								
1	27	00	00	00	09	07	19	04	20	09	19	12	20	11	22	15	22	21	21	29	22	34	22	39		
1	27	23																								
1	28	06	04	38																						
1	28	12	02	22																						
1	28	18																								
1	29	05	17	06	41	02	18	03	28	05	14	04	16	03	09	05	03	34	06	01	22	25	12			
1	29	12	00	00	13	07	04	10	05	14	07	17	07	25	12	12	06	04	11	32	07	30	10			
1	29	18																								
1	29	00	00	00	07	01	05	04	03	04	06	02	07	01	07	01	11	02	05	01	02	01	27	02		
1	29	12	00	00																						
1	29	18																								
1	30	00	05	17	06	41	02	18	03	28	05	14	04	16	03	09	05	03	34	06	01	22	25	12		
1	31	06	01	16	04	17	08	12	04	06	06	10	06	08	18	02	13	03	12	05	01	11	27	10		
1	31	12	06	10	04	09	08	12	13	03	07	04	30	02	22	06	28	03	14	06	19	06	26	16		
1	31	18																								
1	31	00	09	09	09	05																				
1	31	24	04	01	06	03																				
2	01	06																								
2	01	12	36	08	08	05	12	05	18	03	24	03	29	02	26	06	26	06	28	05	27	06	28	07		
2	01	18	36	01	03	04	09	10	19	04	06	02	35	06	28	10	29	13	31	10						
2	01	24	05	02	08	08	16	05	14	08	26	05	35	02	28	05	35	08	28	21	28	16	27	18		
2	02	06																								
2	02	12	02	13	03	08	07	03	12	03	04	03	00	00	27	04	27	06	26	08	27	09	26	10		
2	02	18																								
2	03	06																								
2	03	12	36	13	04	15	05	05	04	09	04	04	25	06	30	15	31	22	30	19	29	12	28	17		
2	03	18																								
2	03	23																								
2	04	06	36	15	04	15	08	13	09	32	28	51	31	07	28	22	28	27	28	42	29	27	27	15		
2	04	12	36	14	05	05	05	03	04	33	07	34	11	33	15	31	22	30	19	29	12	28	17			
2	04	18																								
2	04	00	05	04	05	15	05	05	02	01	29	04	25	12	32	09	34	21	34	28	31	13	28	10		
2	05	06																								
2	05	12	29	02	21	07	21	06	16	08	18	08	19	08	22	27	23	37	24	35	24	32	24	35		
2	05	18																								
2	05	00	02	18	05	28	40	15	03	11	03	11	02	16	01	17	33	15	27	09	28	22	27	18		
2	06	06	00	00	23	02	25	07	23	05	06	28	11	27	16	26	30	25	56	25	95	25	83			
2	06	12	23	05	25	04	22	08	23	09	23	17	24	28	24	42	25	48	25	30	26	40	24	26		
2	06	18																								
2	06	00	11	04	15	19	23	22	22	24	10	21	12	23	36	24	33	24	46	23	57	23	95	24	74	
2	07	06	00	00	28	04	35	03	34	06	28	11	27	16	26	30	25	56	25	95	25	83				
2	07	12	25	06	01	02	28	01	27	04	25	07	24	18	25	25	25	42	25	33	25	35				
2	07	18																								
2	07	00	14	01	14	06	22	05	27	26	07	24	23	24	34	33	24	33	27	68	26	55	27	50		
2	08	06	36	04	02	06	05	18	06	05	29	04	28	18	26	37	25	68	26	55	27	50				
2	08	12	00	00	00	00	00	00	00	00	06	05	07	06	08	11	05	14	10	16	07	19	05	22	03	27
2																										

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	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt											
2	13	06	36	10			06	22	29	07	10	04	06	15												
2	13	12	36	02	06	05	06	06	06	08	03	09	03	07	02	15	03	23	03	21	02	24	02	14		
2	13	18																								
2	13	00			01	08	11	03	05	10	10	09	06	04	01	13	35	16	34	20	36	12	09	05		
2	14	06	36	01	36	04	05	20	07	16	05	13	05	12												
2	14	12	22	10	15	10	06	11	07	11	07	16	04	20	05	22	04	25	02	27	02	32	04	17		
2	14	18																								
2	14	00	45	04	07	16	04	21	04	16	05	13	05	11	05	08	02	21	01	33	03	45	03	12		
2	15	06	02	30	05	32	03	47	01	20	03	13	04	27	03	11	04	06								
2	15	18																								
2	15	15	02	06	04	20	05	19	07	10	06	14	07	16	06	17	06	11	07	13	07	18	05	18		
2	15	00	07	18													05	27	06	29	07	25	07	31	05	26
2	16	06	01	13	04	20	03	26	05	25	07	35	05	15	05	21	06	25	05	31	05	33	06	26		
2	16	12	36	01	03	07	03	12	05	30	07	17	06	20	07	24	05	35	05	45	03	34	06	29		
2	16	18																								
2	16	00	02	12	06	24	04	33	04	33	07	23	06	09	08	20	13	05	10	11	06	19	07	20		
2	17	06	05	23	05	33	05	40	06	29																
2	17	12	05	24	07	45	05	25	05	34	07	21	11	22	09	30	07	26	07	40	08	25	07	31		
2	17	18																								
2	17	00	07	12	08	42	06	31	05	14	09	14	13	15	07	34	06	58	10	42	06	44	07	28		
2	18	03	03	39	05	65	05	45	04	62	04	64	03	44	04	44	05	56	06	44	04	54	04	60		
2	18	12	02	15	04	35	04	23	05	26																
2	18	18																								
2	19	06	01	15	02	13	07	05	20	08	18	03	09	11	11	12	10	14	11	20	09	22	10	16		
2	19	12	03	15			05	22	11	21	26	06	07	09	12	04	13	09	13	10	11	12	12	08		
2	19	18	02	10	05	15	03	12					09	07	08	15	08	27	09	25	08	31	09	18		
2	20	06	04	12	03	11	04	08	23	01	30	07	34	04	05	05	05	10	05	18	04	10	09	23	05	
2	20	18																								
2	21	00	09	04	09	11	01	06	19	17	29	18	02	05	07	07	09	05	13	07	15	05	10	02		
2	22	06	12	05	14	07	22	06	08	06	15	09	16	07	24	08	16	08	11	07	11	10	14	28	03	
2	22	18																								
2	22	00	01	10	04	09	01	09	19	03	22	15	21	07	14	14	11	16	10	23	11	14	20	04		
2	23	12	04	09	08	09	07	08	16	07	14	01	16	13	16	04	12	12	11	19	11	12	22	06		
2	23	18																								
2	23	00	10	04	09	14	01	09	19	03	22	15	21	07	14	14	11	16	10	23	11	14	20	04		
2	24	06	12	01	20																					
2	24	18																								
2	24	00	04	16			04	28	09	03	33	08	23	07	21	08	17	04	28	04	09	07	28	06		
2	25	06	12	00	00	11	10	18	08	16	07	21	10	25	17	26	17	24	18	24	15	23	16	16		
2	25	18																								
2	25	00	04	09			35	13	03	11	34	13	27	13	28	12	28	09	27	10	23	04	26	03		
2	26	06	12	05	01	06	05	12	36	07	34	07	30	13	28	25										
2	26	18																								
2	26	00	09	01	10	06	32	04	30	12	28	15	25	20	24	24	42	23	41	24	35	26	36			
2	27	06	12	33	17					34	09	34	08	36	11	31	08	28	08	29	07	28	10	28		
2	27	18																								
2	27	00	04	37																						
2	28	06	12	03	15	06	18	05	22	35	12	30	07	32	12	30	22	30	21	29	38	28	43	28		
2	28	18																								
2	28	00	05	05	05	12	34	11	35	09	33	15	31	18	28	21	28	36	29	26	27	44	27	36		
2	28	24	04	19	05	32	03	33	04	30	04	24	01	18	31	25	31	27	29	78						
3	01	06																								
3	01	12	03	35	06	62	04	93	01	25	02	40	03	52	03	33	03	36								
3	01	18																								
3	01	24	05	37	06	74	06	63	03	32	04	33	04	49	04	29	04	23	04	35	02	28	36	20		
3	02	06																								
3	02	12	03	12									01	32	35	23	36	16	35	15	33	13	34	20	33	
3	02	18																								
3	03	06																								
3	03	12	04	16			01	19	04	15	01	17	01	17	31	09	25	13	30	10	29	13	30	14		
3	03	18																								
3	03	00	03	14	05	42	03	36	03	24	01	28	01	22	36	41	04	18	06	13	04	09	36	08		
3	04	06																								
3	04	12	03	20	04	23	01	19	33	04	01	06	31	06	26	16	27	15	28	11	31	11	32	09		
3	04	18																								
3	04	01	04	22	05	36	01	22	35	26	36	15	35	21	35	14	28	21	27	20	28	14				
3	05	06	00</td																							

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	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt								
3	06	06	12	02	16	05	19	36	06	28	05	26	10	28	17	27	16	28	19	25	40	25	28	28	21	
3	06	18																								
3	06	00	00	00	07	10	30	06	25	13	26	21	26	19	25	33	25	31	26	34	26	40	26	24		
3	07	06	03	06	04	10	05	18	09	08	10	12	10	10	05	01	05	11	06	17	33	08	29	15		
3	07	12	17	01					07	02	07	16	04	13	03	17	21	05	09	10	06	17	33	08	29	
3	07	18																								
3	07	00	12	03	08	30	04	30	05	18	08	32	06	26	06	22	31	11	31	07	35	38	32	27		
3	08	06	12	05	08	07	13			32	02	22	06	25	15	25	13	01	06	34	07	25	09	25	14	
3	08	18																								
3	08	00	10	07	08	19	24	10	22	10					21	21	20	18	18	08	10	17	08	14	25	
3	09	06	12	33	02						27	23	27	25	28	24	31	32	29	31	28	22	27	22		
3	09	18																								
3	09	00	06	09	06	25	01	12	03	12	32	09	25	17	25	23	24	18	25	16	25	22	26	11		
3	10	12	02	21					04	12	01	11	01	11	04	15					24	42	21	24	28	12
3	10	18																								
3	10	00	01	19	04	26	02	21	30	10	31	18	32	26	30	27	29	23	27	27	27	23	26	21		
3	11	06	12	27	06					05	16	02	13	35	12	32	14	32	25	30	10	26	13	26	09	
3	11	18								02	14	01	21	35	15	28	14	26	17	27	39	27	33	27	16	
3	12	06	12	04	11					07	13	32	13	35	18	02	10	01	08	22	10	22	20	22	24	
3	12	18																								
3	12	00	00	00	04	02	04	09	05	05	10	02	10	36	14	35	20	32	14	27	05	20	16			
3	13	06	12	00	00	15	11	14	05	15	06	20	06	14	04	34	07	36	12	21	08	23	28	22	32	
3	13	18																		22	26	22	31	34		
3	13	00	10	04	13	09	07	07	09	06	11	07	10	10	02	10	12	01	06	22	08	22	03			
3	14	06	12	00	05	08	26	05	26	10	27	12	25	07	33	09	23	13	22	26	22	29	22	35		
3	14	18								25	04	32	05	27	14	24	29	23	31	31	31	31	31			
3	14	00	11	10	11	11	20	10	23	14	21	11	26	11	26	05	26	05	21	22	21	32	23	30		
3	15	06	12	03	13	06	21	05	23	05	16	07	17	03	01	24	43	24	87	24	78	24	62	26	54	
3	15	18																								
3	15	00	03	36	03				36	05	04	11	05	11	02	08	34	08	28	11	27	43	25	42	24	44
3	16	06	12	04	02	07	09	05	15	04	13	05	13	26	10	29	14	28	22	27	39	28	28	26		
3	16	18																								
3	16	00	04	08	04	26	04	24	03	14	06	27	06	09					76	25						
3	17	06	00	00	00	02	03	08	06	06	04	18	01	29	07	31	10	32	15	33	15	29	18			
3	17	12	00	00	18	10	18	04	19	04	19	04	34	03	28	10	30	10	30	08	30	14	29	15		
3	17	18																								
3	17	00	00	00	08	10	05	19	11	07	07	05	27	03	30	06	31	18	32	26	31	24	30	21		
3	18	06	12	03	17	05	22	36	09	35	10	36	09	34	08	32	05	32	04	34	11	32	14	33	15	
3	18	18																								
3	18	00	09	05						21	02	32	05	29	06	27	09	31	18	29	09	31	08	33	15	
3	19	06	12	19	10	19	16	10	03	36	03	31	03	34	11	35	13	35	21	33	18	31	14	31	11	
3	19	18																								
3	19	00	03	36	04				03	11	35	08	36	09	31	11	33	09	31	12	35	15	34	16	32	
3	20	06	12	04	28				02	25	02	23	02	26	36	19	35	23	34	25	33	17	31	08		
3	20	18																								
3	20	00	05	10	08	20																				
3	21	06	12	04	28																					
3	21	12																								
3	21	18																								
3	21	00	03	17					04	34	03	35	02	36	04	36	03	43	01	28	36	30	31	08	29	
3	22	06	12	03	38	05	45	02	44	31	13	36	10	33	06	35	28	31	19	32	18	33	20			
3	22	18																								
3	22	01	03	25																						
3	23	06	12	18	06	19	08	08	07	07	10	02	04	03	07	34	08	34	10	31	09	28	12	30	10	
3	23	18																								
3	23	01	04	19	06	34	04	44	03	33	02	25	02	13	01	14	36	15	36	33	34	15				
3	24	06	02	10	04	14	16	06	21	13	12	27	09	35	06	35	08	31	13	30	16	29	19	19		
3	24	12	12	01	14	06	15	08	05	25	12	27	09	35	06	35	08	31	13	30	16	29	16	29		
3	24	18																								
3	24	00	10	01	10	07	35	02	22	05	21	12	30	08	01	10	33	08	34	10	31	11	26	27		
3	25	06	05	10	06	28	04	30	05	11	34	04	30	07	28	17	31	14	35	12	32	12	29	15		
3	25	12	06	00	00	07	11	06	18	07	17	11	16	10	15	04	23	07	24	11	25	17	26	20		
3	25	18							12	07	07	18	11	17	06	20	06	24	15	24	17	25	20	26		
3	26	00	12																							

Results of Upper Wind Observations,
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MONTH	DAY	HOUR	SURFACE	1000 FEET	3000 FEET	5000 FEET	7000 FEET	10,000 FEET	15,000 FEET	20,000 FEET	25,000 FEET	30,000 FEET	35,000 FEET		
		GMT	$\circ \times 10$	kt	$\circ \times 10$	kt	$\circ \times 10$	kt	$\circ \times 10$	kt	$\circ \times 10$	kt	$\circ \times 10$	kt	
3	28	06													
3	28	12													
3	28	18													
3	28	00	00	00	18	15	12	04	05	12	04	17	02	08	28
3	29	06			09	11	02	22	04	31	03	20	04	20	25
3	29	12													
3	29	18													
3	29	00	25	02	06	07	02	27	03	37	03	30	02	27	02
3	30	06													
3	30	12													
3	30	18													
3	30	00	14	02	09	09	02	08	12	13	13	13	10	16	07
3	31	06	10	04	08	06	20	06					20	19	21
3	31	12	09	03											
3	31	18													
3	31	00	10	14	12	16	33	06	28	05	18	18	16	16	18
3	31	24	07	14	07	25	03	18	06	10	04	15	25	68	20
4	01	06	05	12	06	13									
4	01	12	04	10	06	10	08	04	15	12	22	08	23	13	24
4	01	18	13	03											
4	01	24	05	10	11	11	04	36	04	20	33	14	25	10	26
4	02	06	15	07	15	07	05	14	05	20	05	11	35	06	30
4	02	12	16	02	17	09	04	14	03	18	36	10	32	17	31
4	02	18													
4	03	06													
4	03	12	03	27	05	24	02	36	01	20	33	13	30	16	27
4	03	18													
4	03	00	00	00											
4	04	06													
4	04	12	05	43											
4	04	18													
4	04	00	04	29	05	80	04	72	04	60	02	28	03	23	36
4	05	06	04	35	05	41	05	40	05	29	05	14	06	18	34
4	05	12	04	36											
4	05	18													
4	05	00	03	44	05	76	04	88	30	21	02	16	03	21	01
4	06	06	06	24	07	40	05	39	05	31	06	68	15	23	33
4	06	12	04	24											
4	06	18													
4	06	00	09	26	09	68	07	60	05	40	06	47	08	19	10
4	07	06													
4	07	12	04	23	07	17	06	57	06	17	06	14	03	28	04
4	07	18													
4	07	00	08	09	09	34	05	29	04	37	09	16	06	24	06
4	08	06	11	17	11	21	16	06	15	08	13	13	09	17	10
4	08	12	09	06											
4	08	18													
4	08	00	11	09	12	08	01	08	07	15	09	16	09	14	10
4	09	06	04	27	04	30	04	29	05	06	26	05	30	06	34
4	09	12	04	21	05	33	02	23	02	03	34	17	01	17	36
4	09	18													
4	09	01	09	08											
4	10	06													
4	10	12	05	21	08	32	05	30	06	23	09	06	06	08	30
4	10	18													
4	10	01	05	13	05	30	04	44	04	45	04	34	04	22	03
4	11	06	00	00	00	25	07	23	11	25	12	10	09	17	21
4	11	12	29	10											
4	11	18													
4	11	00	10	05											
4	12	06													
4	12	12	27	08											
4	12	18													
4	12	00	00	00											
4	13	06													
4	13	12	28	08											
4	13	18													
4	13	00	00	00											
4	14	06													
4	14	12	20	05											
4	14	18													
4	14	00	27	07	19	09	18	09	22	21	38	22	32	22	46
4	15	06	00	00	09	03	20	06							
4	15	12	14	07	09	04	35	04	24	18	16	15	24	12	25
4	15	18	13	03					10	05	18	02	32	01	26
4	15	00	20	17											
4	16	06	00	00	17	05	12	13	09	14	12	06	05	04	12
4	16	12	17	06	12	11	06	16	12	10	18	11	12	04	12
4	16	18	15	03											
4	16	00	00	00	13	11									
4	17	06													
4	17	12	00	00	20	04	23	12	24	21	25	28	24	46	28
4	17	18	12	00	27	11	21	38	21	19					

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	
				°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt
4	18	06	00 05	04	03	04	05	02	04	36	09	32	16	32	23	32	30	30	25	30	25
4	18	12	11 04	06	11	01	10	33	07	34	07	32	16	32	23	32	30	30	25	30	25
4	18	18	00 05	06	11	00	00	27	09	27	13	28	22	28	42	28	40	28	60	28	49
4	19	00	00 00	00	00	00	00	00	00	00	00	05	55	04	64	01	30	29	06	26	20
4	19	12	34 02	18	02	03	28	04	46	04	32	06	56	05	55	04	64	01	30	29	06
4	19	18	00 24	06	52	05	40	04	09	01	16	02	22	02	24	02	29	36	27	35	29
4	20	06	11 02	08	09	05	13	11	07	19	07	19	08	05	18	05	25	05	13	31	06
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5	08	08	07 17	00	05	16	06	36	04	55	03	50	03	28	15	15	02	27	36	12	33
5	08	00	05 16	06	36	04	55	03	50	03	28	1									

Results of Upper Wind Observations,
DAVIS 1962

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	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt														
5	09	06																														
5	09	12	04 08																													
5	09	17																														
5	09	00	05 24					04 36	03 19	36 28	35 11	03 29	28 26	25 52	25 49	26 48																
5	10	06																														
5	10	12	15 04	13 07	05 24	05 08	34 08	31 17	30 13	29 18	26 08	27 19	25 22																			
5	10	17																														
5	10	00	04 23																													
5	11	06																														
5	11	12	02 07	09 05	05 04	25 05	28	17	28 22	24 41	24 56	23 87	22 71	22 67																		
5	11	17																														
5	11	00	00 00		04 04	05 03	33 21	31 29	29 30	29 25	24 34	25 33	24 34																			
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5	12	17																														
5	12	00	00 00	16 08	05 09	10 09	26	18	26 27	27 24	27 36	27 47	28 38	28 24																		
5	13	06	13 07	02 06	23 04	21 07	22 11	24 14	24 15	24 20	29 24	29 37	28 27																			
5	13	12	07 05	17 02	24 05	22 08	22 08	23 10	24 11	28 16	28 20	28 30																				
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5	14	06	09 07	06 12	06 20	07 14	16 03	23 07	23 08	23 12	24 08	33 04	25 17																			
5	14	12	09 06	09 15	05 22	08 09	23 04	21 10	23 12	23 08	23 07	23 17	26 18																			
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5	14	00	09 09	10 14	08 15	06 15	19 05	22 16	24 12	26 14	25 15	24 11	27 14																			
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5	17	12	10 07	07 09	10 04	16 04	20 05	19 18	21 24	21 40	21 40	21 63	21 119	21 102																		
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5	18	12	10 06	13 10	06 06	15 06	23	12	25 25	22 36	22 43	22 56	22 47	24 24																		
5	18	17																														
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5	19	17																														
5	19	00	10 13	11 30	05 27	07 32	12 08	24 19	26 21	24 19	26 18	25 58	25 60																			
5	20	06																														
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5	20	17																														
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5	21	17																														
5	21	00	08 10																													
5	22	06																														
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5	23	17																														
5	23	00	12 07	11 10	02 20	05 14	05 05	15 05	05 15	01 10	33 17	30 35	31 38	28 35																		
5	26	06	00 00	13 03	08 08	06 09	23 16	25 11	22 13	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	=x10 kt	=x10 kt	=x10 kt	=x10 kt	=x10 kt	=x10 kt				
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5	31	12	04 20	05 27	02 39	03 47	01 34	02 37	01 22	34 19			
5	31	17											
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5	31	24	05 16		04 45	03 49	36 28	33 20	36 33	34 45	30 80	28 54	30 63
6	01	06											
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6	01	18											
6	01	24	08 16		05 51	05 52	07 34	06 17	06 21	03 26	04 27	03 26	01 32
6	02	06											
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6	02	18											
6	03	06											
6	03	12	10 05	06 09	03 19	14 08	12 07	35 04	36 07	33 06	31 18	29 28	30 16
6	03	18	10 04	07 09	05 07	06 09	31 26	02 02					
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6	04	06											
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6	04	18											
6	04	03	10 03	31 02	34 04	35 04	34 03	28 28	54 09	31 08	28 29	29 17	31 13
6	05	06	10 02	06 07	36 03	11 05	22 04	17 07	19 09	21 10	24 16	28 21	
6	05	12	09 07			18 09	27 05	19 10	25 10	23 15	24 21	26 26	27 36
6	05	18											
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6	06	15	15 01	06 10	04 16	06 10	24 11						
6	06	12	10 03	09 15	04 13	35 02	27 22						
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6	06	00	12 05	11 15	36 18	14 07	21 14						
6	07	06											
6	07	17	04 15	06 26	05 36	01 28	36 21	35 24	35 27	32 37	31 45	32 42	31 33
6	07	00											
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6	08	17											
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6	09	06	10 08	08 17	05 29	05 31	06 21	09 35	05 21	05 13			
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6	09	17											
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6	10	06											
6	10	12	10 12	10 24	10 09	08 15	10 28	15 31	18 28	20 33	20 46	20 32	21 22
6	10	17											
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6	11	06	00 00	06 10	02 15	04 09	16 17	15 30	17 36	18 40	17 34	19 31	
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6	11	18	09 04	05 08	33 01	08 07	12 12						
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6	12	06	13 03		11 01	11 03	13 18	13 25	15 19	16 54			
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6	12	18											
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6	13	06	13 08	09 08	03 09	07 05	14 17	18 36	19 62	18 73	19 78	21 58	21 64
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6	13	18											
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6	14	06	00 00	18 07	21 08	23 16	24 15	25 18		24 82	24 100	23 90	25 152
6	14	12	00 00				26 10	25 26	25 58				
6	14	18											
6	14	00	00 00					15 29	15 34	15 61	14 65	13 119	13 88
6	15	06											
6	15	12	03 25	05 41	03 42	01 25	32 18	32 17	30 30	30 43	29 41	28 68	28 55
6	15	18											
6	15	00	03 17										
6	16	06											
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6	16	18											
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6	17	12	10 01	17 10	20 23	20 36	21 37	22 48	22 63	25 29	22 74		
6	17	18											
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6	18	06	10 01	06 07	05 18	19 10	19 14						
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6	18	18	08 03	05 18	05 27	04 23	35 04	01 10					
6	18	00	00 00	11 08	10 08	20 17	20 23	21 39	21 53	22 68	23 67	22 130	23 78
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6	19	18											
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6	20	06											
6	20	13	05 13	06 24	04 28	05 16	08 10	08 36	07 15	07 16	06 24	08 32	06 14
6	20	18	04 16	06 18	05 18	05 36	05 43	03 31	07 40	35 42	35 30	02 13	07 11
6	20	00	03 08										05 04

Results of Upper Wind Observations,
DAVIS 1962

MONTH	DAY	HOUR	SURFACE	1000 FEET		3000 FEET		5000 FEET		7000 FEET		10,000 FEET		15,000 FEET		20,000 FEET		25,000 FEET		30,000 FEET		
				GMT	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt								
6	21	06																				
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6	21	18	00 00	07 09	02 11	08 10	11 06	13 10	09 10	09 18	10 19	10 32	12 22									
6	21	00	00 00	10 13	04 22	06 12	08 11	05 07	09 10	09 18	10 19	10 32	12 22									
6	22	06																				
6	22	12	09 03	11 08	15 03	15 03	06 05	09 21	10 30	10 48	10 52	13 50	12 36									
6	22	18																				
6	22	00	10 04																			
6	22	23																				
6	23	06																				
6	23	12	12 03	12 15	07 20	06 28	06 20	07 28	06 29	06 35	04 38	08 29	12 31									
6	23	18																				
6	24	06																				
6	24	12	09 03	09 28	04 36	07 35	06 24	07 40	07 56	06 59	04 53	07 38	08 25									
6	24	18																				
6	24	00	09 25	10 47	07 40	08 30	09 22	12 31	13 60	13 62	13 65	10 34	13 23									
6	25	06	09 20	09 34	04 26	04 13	10 18	10 35	10 36	09 43												
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6	25	00	08 22	09 55	05 34	05 35	09 24	09 53	07 46	08 32	09 40	09 33	09 29									
6	26	06	09 01	08 09	04 26	08 17	10 21	10 19	12 25													
6	26	12	00 00	10 06	05 14	09 19	08 13	11 16	14 11	16 18	19 16	20 25	21 34									
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6	26	00	10 09	09 23	05 32	06 29	07 28	14 19	17 10	16 27	18 27	18 41	20 25									
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6	27	12	10 04	11 15	05 21	09 13	11 11	17 12	18 20	20 23	20 33	20 35	21 38									
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6	27	00	00 00		05 18	07 20	12 21	15 14	13 21	16 21	21 23	18 26	22 55									
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6	28	12	00 00		05 17	07 26	05 16	11 19	10 41	14 55	14 68											
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6	29	07	12 09	08 15	03 07	06 08	13 26	11 30	13 30	15 39	15 46	17 25										
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6	30	18																				
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7	01	06	03 06	02 20	04 43																	
7	01	12	03 26	04 40	03 36	01 07	08 20	30 49	30 44	28 42	28 42	30 52										
7	01	18																				
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7	02	06																				
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7	02	18																				
7	03	06																				
7	03	12	00 00	13 08	05 30	04 38	03 30	05 05	19 02	15 15	16 34	15 20	15 25									
7	03	18																				
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7	04	06																				
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7	04	18																				
7	05	06																				
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7	05	18																				
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7	07	06																				
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7	07	18																				
7	07	00	00 00	12 04	27 03	16 02	30 15	28 10	29 20	29 26	28 06	17 03	27 13									
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7	08	00	00 00	16 08	20 06	19 08	19 13	21 09	26 08	28 29	28 22	27 27	26 26									
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7	09	12	13 06	15 08</																		

Results of Upper Wind Observations,
DAVIS 1962

Results of Upper Wind Observations,
DAVIS 1962

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	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt						
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8	02	12	00 00	18	09	04	16	04	12	32	08	28	14	27	25	26	41	26	44	26	33	27	43	
8	02	17	00 00	07	05																			
8	03	06																						
8	03	12	00 00	09	08	03	26	36	19	01	17	34	19	31	25	30	31	29	50	29	60	29	65	
8	03	17																						
8	03	00	00 00	09	15	03	28	02	32	36	19	32	31	31	30	30	31	30	27	28	27	29	39	
8	04	06																						
8	04	12	26 01	20	11					35	14	50	16	29	15	29	26	28	38	27	56	27	40	
8	04	17																						
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8	05	06																						
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8	05	17																						
8	05	01	00 00	17	10	03	20	03	28	01	12	33	13	33	26	29	33	29	59	30	103			
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8	12	12	06 43																					
8	12	17																						
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8	13	17																						
8	13	00	04 30																					
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8	16	06																						
8	16	12	06 12	06	36																			
8	16	17																						
8	16	00	04 33																					
8	17	06																						
8	17	12	07 24																					
8	17	17																						
8	18	06																						
8	18	12	06 15	07	26	04	18	36	02	07	06	36	05	23	09	03	10	36	11	32	20			
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8	19	17																						
8	19	00	04 13	05	19	05	20	19	09	21	15	24	09	21	12	16	05	02	03	35	11	29	21	
8</																								

Results of Upper Wind Observations,
DAVIS 1962

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	$\times 10$ kt									
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8	24	12	00 00	12 03	36 10	30 18	31 25	30 33	29 46	28 48	29 50	29 49	27 40
8	24	17				32 08	29 26	28 39	29 48	28 48	29 50	29 49	27 40
8	24	00	00 00										
8	25	06											
8	25	12	21 04	20 15	23 08	29 15	29 24	28 35	28 30	24 45			
8	25	17											
8	25	00	00 00										
8	26	06											
8	26	12	13 04	12 16		04 19	05 12	08 16	06 16	33 09	33 17	33 13	29 20
8	26	17											
8	26	00	16 05	07 19	05 48	05 63	03 44	03 27	03 36	36 24	29 35	31 25	31 31
8	27	06	12 05	07 06	14 03	19 05	35 01	31 05	24 07	31 13	31 21	31 21	30 24
8	27	12	00 00	10 04	03 04	22 04	23 03	28 08	33 10	31 14	30 15	28 23	27 34
8	27	17	00 00	00 00	00 00	18 02							
8	27	00	13 02	11 08	02 08	04 04	04 09	35 04	25 15	28 16	32 21	32 20	31 25
8	28	06	08 04	06 10	06 11	05 01	02 08	02 11	01 05	35 21	35 15	33 14	30 19
8	28	12	00 00	10 08	03 17	07 06	03 10	02 12	01 19	01 17	01 12	31 23	31 12
8	28	17	08 09	07 08	03 16	03 25	04 12	02 13					
8	28	00	00 00	06 11	06 18	09 07	03 04	33 11	34 17	34 19	31 15	30 11	27 30
8	29	06	00 00										
8	29	12	23 04	12 09	05 10	10 04	16 05	08 06	04 26	04 31	03 19	02 09	29 09
8	29	17	08 02	05 12	04 28	07 14	04 07	06 22					
8	29	00	00 00					03 12	02 25	03 38	03 30	01 22	33 09
8	30	06	05 22	07 34	05 21	06 24	06 29	07 34					
8	30	12	09 11	10 20	05 24	07 07	10 10	22 09	09 40	08 32	12 15	17 12	
8	30	17	09 16	09 25	06 21	08 16	08 21						
8	30	00	06 10	06 32	05 31	05 32	04 36	05 26	06 28	06 35	05 50	05 39	02 08
8	31	06	06 07	05 10	17 04	26 02	18 11	17 11	18 11	19 06	16 09	17 24	18 26
8	31	12	05 06	07 13	05 10	23 09	25 13	24 15	21 23	22 19	20 24	21 31	20 45
8	31	17	08 07	05 18	02 14	05 09	27 02	24 14					
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8	31	24	10 08	12 07	09 02	13 11	17 17	17 10	18 20	19 24	22 26	21 34	21 33
9	01	06	13 04	13 03	04 05	19 10	21 04	20 08	20 16	21 20	21 28	22 41	21 48
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9	01	18	00 00	08 02	05 09	06 04	21 04	20 05	22 16				
9	01	24											
9	02	06	00 00	06 08	03 12	20 09	28 04	25 06	23 24	23 36	24 40	24 71	24 73
9	02	12	09 04	09 10	04 15	01 05	35 02	25 07	25 24	25 38	25 74	24 67	
9	02	18	10 04										
9	03	06 00	17 05	06 20	05 15	05 05	16 02	07 24	11 20	46 20	77 19	68 19	67 67
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9	03	18	11 10	10 08	05 18	09 13	09 05	03 03					
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9	04	06	13 08	18 09	04 19	07 17	06 05	03 04	26 16	26 34	27 46	27 55	27 45
9	04	12	12 08	09 18	03 32	05 18	06 13	11 03	24 16	27 28	28 29	28 39	28 42
9	04	17	14 12	11 18	04 25	06 15	08 13	06 06	12				
9	04	00	11 12	12 17	05 16	05 24	06 11	04 05	26 10	26 29	25 60	26 70	26 57
9	05	06	04 23	06 29	03 34	04 21	05 17						
9	05	12	04 29				03 18	06 25	08 20	10 20	03 08	35 11	
9	05	17											
9	05	00	13 09	12 21	05 29	04 27	09 15	03 18	08 11	02 08	34 19	35 31	33 24
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9	06	17											
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9	07	06											
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9	07	17											
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9	08	06											
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9	08	17											
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9	09	06	03 05	06 16	04 09	08 06	05 03	05 05	04 21	03 25	02 17	26 08	26 14
9	09	12	08 05	09 12	13 12	09 03	16 04	04 13	03 17	35 08	25 11	24 27	24 40
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9	10	06	00 00	04 08	05 22	05 07	08 04	09 07	15 07	21 55	22 62	22 64	
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9	10	17	00 00	05 08	05 26	05 11							
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9	11	17	10 08	08 15	05 19	08 10	05 07	08 21					
9	11	00	09 05	09 09	04 23	08 20	09 12	15 12	08 10	15 16	19 06	17 04	25 13
9	12	06											
9	12	12	13 06	10 11			08 12	11 16	11 25	12 44	13 45	14 49	15 36
9	12	17											
9	12	00	10 06	09 18	03 18	06 18	07 19	10 18	11 17	12 31	13 31	13 25	12 28
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9	13	12	00 00	09 09	04 21	06 15	06 16	04 23	36 21	36 26	35 27	02 11	36 19
9	13	17											
9	13	00	09 07	08 12	01 06	03 06	07 16	08 32	09 41	10 40	09 42	10 21	10 17

Results of Upper Wind Observations,
DAVIS 1962

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	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt												
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9	15	17	00	00	07	21	03	29	07	12	06	16	08	12	08	11	13	04	13	04	15	17	11	10			
9	15	00	00	00	08	07	04	14	21	02	22	03	01	09	03	21	04	23	02	22	02	19	01	17			
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9	27	00	17	05	13	16	03	03	02	07	20	23	17	23	15	25	15	33	21	40	19	36	21	28			
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9	28	17	00	00	11	09	02	18	04	11	24	07	24	13	25	16	24	42									
9	28	00	00	00	11	09	02	18	04	11	24	07	24	13	25	16	24	42									
9	29	06	22	02	08	06	06	27	07	13	08	11	05	24	04	10	03	26	02	17	01	25	33	26			
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9	29	17	00	00	19	02																					
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0	02	06	12	02	05	30										05	26	04	41	35	19	36	29				
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0	03	06	12	05	24	05	35	02	23	36	10	34															

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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	$\times 10$ kt																				
0	05	06																							
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0	05	17																							
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0	08	06	27																						
0	08	17																							
0	08	00	06	16	07	36	06	45																	
0	09	06	00	07	03	08	06	1	08																
0	09	12	00	00	19	02	20	06																	
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0	10	17																							
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0	11	17																							
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0	17	06	04	12	06	14	05	08	26	10	29	11	29	14	30	21	28	37	27	50	27	54	26	43	
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0	20	17																							
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0	22	06	00	00	04	04	04	01	12	29	32	16	28	12	26	18	24	27	31	26	37	26	31		
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0	22	00	00	00	06	11	03	09	32	13	30	29	29	45	28	17	28	31	28	35	29	34	29	27	
0	23	06	24	07	21	09	19	02	21	06	25	04	23	15	23	31	23	53	23	66</					

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			
			GMT	=x10 kt	kt	=x10 kt	kt	=x10 kt	kt	=x10 kt	kt	=x10 kt	kt	=x10 kt	kt								
0	27	06	23	07		12	03	03	24	04	10	01	10	31	10	31	23	32	44	30	40		
0	27	12	18	08	13	09	03	19	04	20	04	10	31	10	30	24	28	41	29	39	29	41	
0	27	17																					
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0	28	06																					
0	28	12	00	00	15	05	04	21	05	14	03	18	05	17	36	15	35	17	33	31	33	33	
0	28	17																					
0	28	00	03	10	16	19	22	19	23	20	22	14											
0	29	06																					
0	29	12	05	10	06	17	05	31	05	31	07	24	04	24	06	17	10	12	04	10	34	22	
0	29	17																					
0	29	00	04	07	07	22	04	33	04	35	05	25	06	23	04	27	02	27	36	34	36	34	
0	30	06																					
0	30	12	03	30	04	37	05	38	04	37	05	31	05	33	05	36	06	51	03	18	02	20	
0	30	17																					
0	30	00	05	30																			
0	31	12	01	12	05	12	05	17	09	09	08	13	09	04	07	16	07	23	06	23	04	17	
0	31	17	00	00	05	10	04	14	06	11	10	12	05	04									
0	31	00	05	16	06	31	04	33	05	27	04	23	07	32	09	43	08	36	06	25	03	17	
0	31	24	12	04	07	13	04	10	11	07	10	10	07	13	06	16	04	29	04	31	04	22	
0	31																						
11	01	06																					
11	01	12	03	27	04	34	04	40	05	35	05	16	07	23	09	29	08	26	06	14	01	13	
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11	01	24	06	02	09	17	04	13	07	12	03	17	07	13	10	14	09	28	07	14	05	14	
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11	02	17																					
11	03	06																					
11	03	12	05	35																			
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11	06	12	03	06																			
11	06	17																					
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11	07	17																					
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11	09	17																					
11	09	00	07	10	07	30	03	18	07	11	06	18	03	08	06	11	24	10	24	25	33	27	
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11	10	17																					
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11	12	17																					
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11	13	17																					
11	13	00	06	07	08	08	04	08	08	07	04	04	03	11	36	20	35	23	02	04	51	04	
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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		
				°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt	
11	17	06	00 00	32	02	28	02	22	14	22	19	27	14	05	16	06	18	08	28	08	32	06 28
11	17	12	25 10	17	10	24	04	21	12	23	11	29	14	50	09	34	09	04	15	06	28	06 24
11	17	17																				
11	18	06	03 02	09	11	25	02	21	12	20	14	18	13	06	04	06	20	09	25	08	43	05 26
11	18	12	00 00	07	11	04	29	05	25	05	22	05	25	06	30	05	50	05	57	06	38	05 27
11	18	17																				
11	18	00	04 07	05	10	04	18	05	10	09	10	13	05	04	06	05	12	03	20	04	26	05 22
11	19	06																				
11	19	12	01 09	05	08	08	05	10	04	11	9	06	14	06	27	06	38	06	42	06	36	07 32
11	19	17	00 00	08	04	20	05	17	05	09	04	12	05	09	19							
11	19	00	06 17	06	34	05	37	05	39	04	36	06	39	05	33	05	47	05	58	05	63	06 40
11	20	06	01 12	03	13	06	10	21	05	17	08	10	03	17	09	16	12	15	17	14	18	11 14
11	20	12	01 10	05	11	08	07	21	03	12	02	19	03	19	10	17	09	12	10	10	18	09 26
11	20	17																				
11	20	00	04 10	05	15	02	06	20	15	21	11	14	08	12	08	10	19	10	31	10	33	08 35
11	21	06																				
11	21	12	02 13	04	14	04	08	04	08	03	09	09	01	10	07	15	12	10	13	12	21	12 22
11	21	00	05 12	06	17	05	19	07	12	06	11	09	04	08	02	17	09	11	05	10	11	11 27
11	22	06																				
11	22	17																				
11	22	00	03 06	06	08	04	10	04	07	08	10	07	08	09	09	08	19	08	28	10	13	11 20
11	23	06	01 09	01	09	07	03	00	05	15	6	22	07	10	10	11	16	10	23	11	16	13 17
11	23	12	00 07	16	03	06	03	21	07	20	2	15	04	12	08	12	13	12	19	15	12	14 21
11	23	17	00 01	23	03	15	05	22	06	20	5	12	07	12	12	12	19	12	26	14	20	13 24
11	24	06	36 09	35	09	18	04	23	09	21	10	17	08	08	08	08	24	11	27	11	22	13 18
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11	24	17	18 02	18	06	19	02	20	11	22	07	18	04	19	06	18	15	18	18	12	21	11 11
11	24	00	16 07	14	04	21	09	21	12	20	06	14	08	12	20	13	22	13	20	14	16	
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11	25	12	25 12	19	11	22	05	19	07	25	04	25	06	26	10	26	18	23	24	24	18	24 18
11	25	17	22 09	19	12	21	10	21	08	33	04	28	07	27	13	26	20	24	33			
11	25	00	03 07	07	10	10	04	21	10	23	06	27	06	26	03	21	10	21	25	09	26	07
11	26	06	00 00	26	03	22	13	21	03	29	06	27	10	27	18	26	22	28	19	27	25	24
11	26	12	26 15	20	14	22	08	34	04	28	09	25	16	26	08	28	18	26	22	28	19	25 24
11	26	17	26 08	23	09	23	10	26	08	26	08	28	18	26	30	26	47	26	51	25	48	25 36
11	27	06	29 06	23	04	23	08	24	13	25	17	25	22	25	39	27	50					
11	27	12	27 07	20	08	23	06	23	11	25	17	25	18									
11	27	17	00 00	22	06	22	07	22	12	25	21											
11	27	00	00 00	16	06	25	09	23	12	26	16	26	24	26	46	26	46	25	57			
11	28	06	32 05	28	05	27	04	28	09	25	19	25	27	25	37	25	58	25	69	25	51	25 41
11	28	12	24 14	19	14	21	07	23	09	22	20	23	32	24	41	24	77					
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11	28	00	00 00	15	09	18	08	23	14	24	21	24	26									
11	29	06	32 11	31	03	07	05	15	05	21	12	21	23	23	48	26	65	24	100	24	106	24 85
11	29	12	27 12	18	11	02	13	17	14	20	20											
11	29	17	14 09	09	11	04	08	12	09	17	14	18	25									
11	29	00	00 00	17	09	19	01	13	13	22	11	22	28	23	41	23	68					
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11	30	12	04 18	05	16	05	13	06	15	08	12	03	04	27	25	28	43	27	31	24	12	24 09
11	30	17																				
11	30	00	15 07	11	05	03	19	11	11	10	14	18	17	21	40	23	62	24	97			
11	30	24	04 19	05	28	04	39	05	24	05	21	04	20	34	23	33	28	31	39	35	23	35 10
12	01	06																				
12	01	12	04 35	05	71	02	38	36	17	02	32	01	33	33	30	27	22			25	07	34 06
12	01	17																				
12	01	24	04 32	05	65	04	71	36	17	02	29	03	35	02	31	36	25	35	41	34	46	35 45
12	02	06																				
12	02	12	04 15	05	19	04	34	03	21	04	16	03	15	34	19	33	17	33	23	32	21	31 18
12	02	17																				
12	03	06	04 29	04	35	05	23	05	25	07	20	06	22	03	23	03	23	01	19	06	26	03 13
12	03	18	06 10	05	16	05	25	06	17	07	15	04	19	05	12	04	15	05	18	06	26	03 13
12	03	00	05 20	06	35	03	54	03	23	05	19	05	26	02	23	35	18	33	14	35	15	34 13
12	04	06	31	06	32	03	08	06	10	08	15	13	09	15	25	15	26	14	22	14	24	16 16
12	04	12	00 00	07	07	06	18	04	14	11	11	11	33	13	21	14	31	14	27	10	14	09 09
12	04	17	06 06	13	06	13	06	24	11	10	10	14	12	21	11	16	12	32	12	41	13 21	
12	04	00	00 00	17	14	04	17	06	16	10	17											

Results of Upper Wind Observations,
DAVIS 1962

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		*x10 kt	*x10 kt	*x10 kt	*x10 kt	*x10 kt	*x10 kt	*x10 kt	*x10 kt	*x10 kt	*x10 kt	*x10 kt									
12	07	06	36	06	34	06	05	08	14	08	14	18	13	13	18	13	22	12	16	12	13	
12	07	12	00	00	15	04	05	07	15	05	15	07	13	04	14	12	13	17	12	24	11	10
12	07	17	00	00	04	08	03	09	03	11	00	00	22	04	16	07	14	16	14	23	16	09
12	07	18	13	10	10	12	08	08	13	17	08	17	11	13	14	12	14	16	13	20	14	17
12	08	06	02	15	02	15	06	07	04	04	21	02	25	04	17	07	17	08	17	08	14	19
12	08	12	00	00	08	04	09	07	23	08	08	23	06	19	06	18	04	27	09	24	18	23
12	08	17	23	07	14	04	08	04	01	12	33	09	18	05	18	08	16	10	13	07	14	10
12	08	00	05	11	05	15	01	09	01	12	33	04	35	04	23	08	25	11	13	22	12	15
12	09	06	01	12	02	07	02	02	34	03	33	04	26	11	22	12	24	19	23	16	24	16
12	09	12	00	00	00	00	00	00	00	00	00	00	25	05	25	14	24	16	22	21	23	18
12	09	17	00	00	24	02	07	07	04	05	02	05	03	02	24	11	21	30	24	24	19	19
12	09	00	03	07	08	06	09	06	12	02	34	08	24	11	21	30	24	24	19	19	19	19
12	10	06																				
12	10	12	04	15	05	14	05	26	08	14	36	07	36	09	31	12	30	20	29	19	26	15
12	10	18	09	07	06	11	04	20	04	13	04	06	02	06	34	05	27	14	26	15	27	13
12	10	00	02	12	06	28	03	26	05	14	02	12	33	03	29	08	27	14	26	15	27	13
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12	11	12	04	28	05	45	05	46	07	12	06	21	36	12	32	12	32	18	31	12	32	12
12	11	18																				
12	11	00	06	12	07	28	05	29	05	25	07	11	09	09	01	13	33	17	32	29	31	30
12	12	06	03	12	03	13	06	23	06	15	08	18	11	08	12	06	04	08	05	06	17	33
12	12	12	03	07	07	10	05	26	09	14	07	05	01	03	02	08	35	07	01	11	32	07
12	12	18																				
12	12	00	06	18	07	37	05	40	04	37	02	23	04	09	03	27	01	24	01	12	36	09
12	13	06																				
12	13	12	27	10	18	11	07	13	07	20	06	19	11	10	07	06	07	07	03	05	30	09
12	13	17	04	10	05	09	04	22	06	15	05	12	07	08	09	10	09	05	07	12	11	28
12	13	00	05	07	07	15	05	22	05	14	09	13	12	10	18	06	08	04	05	07	05	11
12	14	06	02	12	02	15	05	13	09	15	05	19	06	20	08	14	10	08	07	13	03	10
12	14	12	01	04	08	12	06	12	05	12	03	13	08	09	09	10	09	09	24	05	23	03
12	14	17	22	08	18	07	04	11	08	12	08	13	07	11	09	15	10	11	12	10	12	03
12	14	00	04	11																		
12	15	06	03	09	02	12	04	11	06	06	24	03	02	09	10	09	10	10	05	05	28	13
12	15	12	36	05	05	07	06	09	08	15	06	10	06	04	10	06	08	05	30	08	30	12
12	15	17																				
12	15	00	04	05	06	10	08	04	06	04	09	10	11	10	12	11	12	16	14	09	22	05
12	16	06	12	04	02	10	07	07	12	05	13	05	14	07	11	29	05	27	06	30	11	32
12	16	17																				
12	16	00	03	05	09	11	06	09	05	19	07	19	07	17	05	10	01	08	29	08	30	18
12	17	12	07	16	07	17	06	33	06	42	06	21	08	14	01	05	29	04	36	03	22	03
12	17	17																				
12	17	00	07	15	07	30	05	20	06	12	08	16	11	17	08	25	19	03	10	08	05	01
12	18	06	19	05	22	07	21	09	16	05	15	07	20	11	10	14	08	10	05	20	08	03
12	18	12	01	06	08	08	10	08	09	09	09	14	09	12	15	08	19	07	20	08	19	04
12	18	17	09	12	06	12	04	12	09	07	08	08	12	12	05	14	16	15	14	17	10	19
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12	19	06	04	22	05	17	05	17	05	36	09	01	02	02	15	08	17	12	17	17	17	17
12	19	12	27	06	17	17	09	05	07	17	09	05	07	17	17	16	19	16	25	04	35	04
12	19	17	12	07	10	06	12	07	15													
12	20	06	06	23	06	34	05	32	07	14												
12	20	12	03	12	07	08	05	23	06	14	07	12	06	15	12	04	21	21	21	17	23	10
12	20	17	00	00	18	01	05	10	07	07	07	05	09	10	15	06	20	13	21	28		
12	20	00	06	06	07	20	05	26	05	26	05	26	05	24	05	24	08	21	16	17	29	19
12	21	06	36	02	34	07	10	02	15	06	17	10	35	10	22	14	23	22	23	32	24	38
12	21	12	29	06	17	08	23	01	13	07	18	06	21	09	24	21	24	55				
12	21	17	05	12	04	16	05	18	09	07	14	05	12	04	24	12	25	38	25	47	26	65
12	21	00	03	08	08	07	10	06	17	09	12	07	18	12	19	09	20	15	21	30	23	24
12	22	06	07	28	06	30	05	39	07	22	07	21	04	12	17	26	35	47	26	65	27	61
12	22	12	08	27	07	39	05	52	06	32	06	27	06	25	03	21	03	27	02	31	35	26
12	22	17																				
12	22	00	08	13																		
12	23	06	07	15	08	24	05	14	07	26	09	26	11	33	09	39	11	15				
12	23	12	09	20	08	33	05	37	04	23	09	17	13	32	13	26	17	20	17	19	15	09
12	23	17																				
12	23	00	08	16	08	26	06	43	05	56	07	18	08	25	09	30	06	43	06	37	03	35
12	24	06	12	06	12	06	27	05	23	06	39	05	26	07	21	09	24	17	20	17	16	11
12	24	12	07	17	11	40	10	44	04	24	09	12	14	15	07	22	09	18	14	20	15	18
12	24	00	12	20	11	40	10	44	04	24	09	12	14	15	07	22	09	18	14	20	15	18
12	25	06	05	14	05	09	08	09	09	10	13	10	16	13	15	13	20	13	27	20	43	
12	25	12	07	06	09	09	08	09	11	06	08	09	15	08	11	14	12	15	15	16	10	19
12	25	17																				
12	25	00	10	10	10	22	05	10	07	12	08	19	14	24	07	14	13	10	12	21	16	17
12	26	06	27	03	19	05	27	03	24	03	22	04	27	05	24	12	19	27	18	26	20	20
12	26	17	27	09	21	08	21	05	17	05	16	03	20	04	20	13	20	37	20	51	20	43
12	26	00	04	04	07	14	04	06	03	08	01	06	13	04	13	06	13	16	14	16	15	09
12	27	06	29	08	24	07	25	05</td														

Results of Upper Wind Observations,
DAVIS 1962

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	
				°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt		
12	28	06																					
12	28	12	33 06	20 03	36 05	24 09	25 09	25 25	25 21														
12	28	17	25 09	21 04	21 06	24 08	20 08	22 13															
12	28	00	00 00	11 07	35 05	35 07	32 06	28 18	26 38	25 39	25 44												
12	29	05	28 10	25 11	24 09	27 04	27 06	27 15															
12	29	12	28 09	20 08	24 06	24 07	28 12	27 17	27 29	26 29	27 38	26 41											
12	29	17	27 07	24 07	24 09	24 07	27 09	27 15															
12	29	00	27 02					23 42	24 37														
12	30	06	01 12	01 11	01 03																		
12	30	12	01 07	32 04	35 04	28 05	26 24	25 27	25 36														
12	30	17																					
12	30	00	02 01	11 06	27 06	28 04	27 08	24 23	25 28	25 23	26 25												
12	31	06	26 14	19 08	20 14	20 15	20 24	22 25	22 36	23 72	24 98	24 104	24 93										
12	31	12	24 14	21 12	20 11	21 11	21 20	24 29	23 62														
12	31	17																					
12	31	24	05 10	05 17	04 23	05 12	10 08	04 05	01 06	30 21	29 29	29 31	27 21										
12	31	00	15 10	14 12	18 12	17 11	17 20	22 15	23 23	24 30	24 58												
12	31	24																					

Results of Upper Wind Observations,
DAVIS 1962

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	$\times 10$	kt																			
1	01	12	27	36	28	24	26	22	26	24	28	08												
1	01	24	27	23																				
1	02	12	28	30	28	34	29	34	26	24	29	22												
1	03	12	30	24	30	23	30	22	31	22	29	13												
1	03	00	29	51	28	52	29	30	25	26	28	17												
1	04	06	34	17	32	17	31	21	32	11	31	17												
1	04	12	31	17	31	18	31	16	32	22	31	17												
1	04	00	31	15	30	18	31	12	30	16														
1	05	12	31	15	30	17	29	15	30	12	31	09												
1	05	00	30	13	26	29	30	14	33	12	01	05												
1	06	12	28	04	30	07	28	05	28	09	31	10												
1	06	00	31	07	31	10	30	10	29	09	32	09												
1	07	06	31	06	28	06	25	03																
1	07	12	24	07	32	05	33	06	29	04	27	03												
1	07	00	29	05	26	06	28	03	36	03	30	06												
1	08	12	33	03	36	03	34	06	28	05	09	02												
1	08	00	32	04	32	02	07	05	33	03	06	06												
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1	09	00	18	01	20	02	20	04	20	10	05	05												
1	10	12	19	05	21	05	27	02	19	04	31	02												
1	10	00	23	04	09	01	27	01	17	05	04	09												
1	11	12	22	12	20	12	23	06	23	10	19	05												
1	11	00	23	07	21	06	11	02	22	07	19	03												
1	12	12	21	14	22	12	21	13	23	09	22	10												
1	12	00	21	12	22	08	22	11	22	07	24	08												
1	13	06	24	16	24	12	24	11	26	08	22	08												
1	13	12	22	13	23	15	24	12	22	17	23	08												
1	13	00	23	17	23	12	24	09	25	05	26	09												
1	14	12	25	20	25	19																		
1	14	00	23	16	23	15	24	14	22	11	25	10												
1	15	12	25	09	24	12	25	14																
1	15	00	25	15	24	25	24	13	25	14	25	19												
1	16	12	25	14	25	15	26	11	25	12	25	12												
1	16	00	27	10	26	14	26	10	25	10	19	03												
1	17	06	28	18	29	11	28	11	33	08														
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1	18	12	26	08	28	07	30	05	29	08	31	11												
1	18	00	30	05	01	05	31	07	22	05	31	06												
1	19	06	30	16	29	17	27	05	29	10														
1	19	12	29	15	24	14	27	11	21	11	28	17												
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1	20	12	24	08	26	08	32	05	30	07	28	08												
1	20	00	27	05	27	06	30	07	28	08														
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1	21	00	26	06	29	09	28	04	27	05														
1	22	06	25	20	27	10	26	11	26	05														
1	22	12	26	23	26	32	26	20	24	13	25	18												
1	23	12	28	21	26	21	26	17	27	15	26	09												
1	23	00	26	23	26	15	26	15	28	09	27	09												
1	24	06	29	25																				
1	24	12	26	18	26	14	27	09	26	07														
1	24	00	28	21	27	18	28	13	26	13	23	05												
1	25	12	23	23	24	23	21	26	23	15														
1	25	00	23	13	25	12	23	14	25	11	27	05												
1	26	12	22	26	23	23	25	19	26	16														
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1	27	00	22	26	22	21	22	35	20	14	22	14												
1	28	06	28	23	28	32	28	31	26	12														
1	28	12	27	32	29	27	29	18	27	22	25	24												
1	29	12	25	17	27	21	27	24	26	20	25	25												
1	29	00	26	02	26	03	27	01	25	02	28	02												
1	30	12	25	17	26	15	26	14	25	14														
1	30	00	27	11	24	14	27	14																
1	31	06	27	17	28	17	29	17	27	16														
1	31	12	29	11	28	18	26	22	28	19	27	17												
1	31	00	24	32	03	01	02	36	02	36	02	02												
1	31	24	29	10	27	14	27	08	29	16	27	19												
2	01	12	27	12	27	10	27	10	27	08	27	11												
2	01	24	28	15	28	16	27	15	28	14	28	11												
2	02	12	25	12	26	11	27	09	24	12	28	08			</td									

Results of Upper Wind Observations,
DAVIS 1962

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	°x10 kt	°x10 kt	°x10 kt	°x10 kt	°x10 kt	°x10 kt	°x10 kt	°x10 kt	°x10 kt	°x10 kt
2	09	12	01	16	01	10	35	05					
2	09	01	32	12	34	12	29	05	27	03	21	08	
2	10	12	12	06	09	02					19	10	
2	10	01	36	05	33	07	27	11					
2	11	12	18	13	12	07							
2	11	00	18	01	06	02	23	01	19	10	15	3	
2	12	06	07	04	07	04	09	03					
2	12	12	17	05	12	07	09	06	09	06	17	04	
2	12	00	11	04	10	04	05	04	08	09	13	07	
2	13	12	03	19	03	08	03	17	02	15	03	06	
2	13	00	09	07	07	12	07	04	03	03	27	02	
2	14	12	05	07	04	22	35	09	05	06	14	02	
2	14	00	03	11	05	11	04	09	08	09	10	11	
2	15	15	04	18	03	11	05	14	04	11	04	12	
2	15	00	05	09	06	20	05	07	06	12	24	3	
2	16	12	05	20	06	20	06	17	02	05	06	16	
2	16	00	05	24	04	20	05	12	36	06	03	09	
2	17	12	05	29									
2	17	00	05	20	06	34	03	10					
2	18	03	07	27	23	21	23	07	09	05	15	11	
2	19	12	14	05	12	04	11	03	12	05	23	01	
2	19	00	11	14	09	05	09	08	12	01	32	02	
2	20	12	22	02	26	02							
2	20	00	14	05	10	04	15	07	08	04	25	04	
2	21	06	36	03	29	05	28	08	31	05	01	05	
2	21	12	29	07	37	07	29	09	32	15	30	16	
2	21	00	19	04	28	05	30	09	34	04	35	03	
2	22	12	29	09	24	04	25	04	23	10	20	3	
2	22	00	32	06	28	11	28	13					
2	23	06	26	02	27	10	28	11	29	14	30	10	
2	23	12	28	01	26	06	26	09	28	13	28	12	
2	23	00	26	13	27	14	26	11	28	15	27	11	
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2	24	00	28	02	30	04	30	07	30	11	28	13	
2	25	12	25	14	25	16	25	21	25	20			
2	25	00	27	05	27	09	29	08	29	14	28	11	
2	26	00	23	31	28	21	26	25	28	13	25	24	
2	27	12	29	11	28	12	28	12	28	09	28	11	
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3	01	24	34	24	29	20	30	19	33	29	32	29	
3	02	12	33	20	30	19	33	15	31	19			
3	03	12	31	14	31	15							
3	04	12	31	11	31	10	31	17	30	16			
3	04	01	32	14	32	17	32	11	30	15	31	15	
3	05	06	30	08	30	08	29	09	31	15			
3	05	12	22	08	26	15	26	25	30	14	30	10	
3	05	00	31	08	30	05	30	12	31	11	30	20	
3	06	12	26	20	27	21	28	21	25	13	29	16	
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3	07	00	28	47	29	21	28	44	26	43	28	34	
3	08	12	25	14	25	17	27	19					
3	08	00	27	16	26	19	27	21					
3	09	12	29	21	27	19	27	20	26	19	29	12	
3	09	00	28	12	27	14	26	15	26	14	27	17	
3	10	00	26	29	27	16	26	20					
3	11	12	27	11	26	10	29	11	30	09	26	11	
3	11	00	25	16	26	13	27	17	26	12	28	17	
3	12	12	22	26	21	23	21	19	22	21			
3	12	00	23	12	21	17	23	14	22	07	22	19	
3	13	06	22	38	21	31	23	29	22	33	24	15	
3	13	12	22	29	23	30							
3	13	00	21	03	21	03	21	02	21	02			
3	14	06	23	27	22	28	21	28	23	19			
3	14	12	23	30	23	30	24	31	24	23	25	23	
3	14	00	23	34	23	31	23	35	23	20	24	20	
3	15	12	26	13	26	23	26	24	25	27	28	22	
3	15	00	24	30	25	33	23	28	23	24	27	25	
3	16	12	28	24	28	23	29	22	28	22	27	22	
3	17	06	30	19									
3	17	12	28	20	29	18	28	24	28	16	26	18	
3	17	00	28	26	28	25	29	24	27	25	29	21	
3	18	12	33	13	33	17	31	17	30	21	33	14	
3	18	00	30	14	31	17	30	19	31	20	31	22	
3	19	12	31	09	31	12	32	12	30	16			
3	19	00	33	11	31	13	23	22					
3	20	00	28	13	27	10	32	08	29	15	28	15	
3	21	00	32	06	29	10	32	12	18	06	30	15	
3	22	01	33	24	32	10	32	14					
3	23	12	18	12	28	15	28	13	29	16	27	25	
3	24	12	27	13	27	12	28	26	27	20	29	25	
3	24	00	27	14	28	25	27	27	28	26	27	24	

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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	$\times 10$	kt																					
3	25	12	2.5	0.7																						
3	25	00	2.8	1.6	28	40	28	22																		
3	26	06	2.6	2.2	27	21	27	23	27	21	28	28														
3	26	12	2.6	2.9	27	26	26	26	26	25	27	35														
3	26	00	2.7	1.9	27	21	28	23	22	21	28	30														
3	27	06	2.6	1.8	27	21	27	23	27	29																
3	27	12	2.6	2.4	26	27	26	28	27	32	25	34														
3	27	00	2.7	2.4	25	14	27	22	27	21	26	35														
3	28	12	2.9	1.9	30	18	30	14																		
3	28	00	2.4	2.1																						
3	29	12	2.3	3.5	23	29	24	26	23	26	24	26														
3	29	00	2.4	3.2	24	28	23	37	21	23	27	24														
3	30	12	2.1	2.6	23	28	23	28	21	32	24	37	31	27												
3	30	00	2.3	2.8	25	64	21	32	24	57	27	35														
3	31	12	2.2	3.2	23	35	25	31	24	20	25	35														
3	31	00	2.2	3.7	24	34																				
3	31	24	2.4	7.4	24	52	24	59	24	39	25	42														
4	01	12	2.8	5.0	25	33	25	56	25	50	26	58														
4	01	24	2.8	5.6	27	43	29	36	28	36	27	45														
4	02	12	2.9	5.3	29	43	29	41	29	39	27	31														
4	03	12	2.6	3.5	26	38	25	38																		
4	03	00	2.6	4.1	29	36	26	30	27	34																
4	04	12	2.5	2.8	26	27	33	30																		
4	04	00	3.0	4.4	29	35	29	41	30	36	28	34														
4	05	12	3.4	1.9	35	29	36	20	33	21	33	33														
4	05	00	3.3	3.1	32	23	32	29	33	27	33	24														
4	06	00	3.6	1.8	18	21	32	11	32	11	02	29														
4	07	12	3.6	1.3	34	14	30	15	32	17	33	22														
4	07	00	0.1	0.6	0.9	19	35	12	32	22	27	15														
4	08	12	3.0	1.2	30	14	30	15	30	23																
4	08	00	3.5	1.2	31	12																				
4	09	06	2.8	2.9	28	29	28	29	28	29	28	33														
4	09	12	2.9	4.1	27	39	28	32	28	45	28	31														
4	09	00	2.8	2.2	27	26	27	35	28	36	29	25														
4	10	12	2.7	2.7	28	35	27	40	29	35	28	38	28	42												
4	10	00	2.9	3.0	28	32	29	30	28	30	28	38	28	42												
4	11	12	2.9	4.6	27	41	27	87	28	50	30	34														
4	11	00	2.5	2.8	28	36	27	45	27	33	27	41														
4	12	12	2.9	3.7	29	30	29	28	29	38	29	35														
4	12	00	2.8	2.7	30	41	30	31	27	35																
4	13	12	2.9	3.3	27	34	29	33	27	37																
4	13	00	2.9	1.8	29	47	29	35	29	22																
4	14	12	2.3	5.4	25	48	24	44																		
4	14	00	2.1	1.1	28	55	29	43																		
4	15	00	2.3	4.5	24	15	26	35	24	52																
4	16	12	3.0	4.4	28	43	28	38																		
4	16	00	2.8	5.5	29	42	28	30																		
4	17	12	2.6	1.2	23	37	27	36	28	50																
4	17	00	2.7	3.4	29	32	27	40	29	43																
4	18	12	2.9	3.8	28	32	28	28	28	36	28	35														
4	18	00	2.9	2.2	28	52	28	56	28	46	27	40														
4	19	12	2.5	2.5	27	28	25	50	27	25	26	35														
4	19	00	2.6	1.8	29	13	25	39	26	33	26	37														
4	20	06	2.6	1.5	26	17																				
4	20	12	2.3	2.0	24	24	24	25	24	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	
4	20	00	2.5	1.5	28	15	27	28	25	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	
4	21	06	2.3	1.0	24	13	27	12	27	16	27	16	26	26	26	26	26	26	26	26	26	26	26	26	26	
4	21	12	2.4	1.1	26	13	26	15	26	15	28	18														
4	22	00	2.4	2.6	26	30	27	30	27	28	30	28														
4	22	12	1.2	3.0	27	30	27	30	27	28	30	28														
4	22	00	2.0	1.7	25	15	25	14	25	14	25	14														
4	23	06	2.4	4.3	26	33	24	42																		
4	23	12	2.5	4.6																						
4	23	00	2.3	3.4	23	36	24	35	26	30	25	44														
4	24	00	2.6	4.5	26	20	25	25																		
4	25	12	2.6	7.7																						
4	25	00	2.5	1.0	24	129	24	56	25	49	25	63														
4	26	12	2.7	4.0	28	42	28	39	27	46																

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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	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt
5	01	12	25	39	26	47	25	45	25	45	25	71	
5	01	24	26	41	27	36	25	26	25	42	25	81	
5	02	12	25	87	26	61	26	41	24	43	25	73	
5	03	00	24	11	24	46	25	38	24	46	25	51	
5	04	12	26	06	27	72	27	52					
5	04	00	26	21	27	50	26	41	26	50	25	31	
5	05	06	28	43									
5	05	12	27	35	28	34	27	31	28	52			
5	05	00	27	65	29	31	27	70					
5	06	12	30	30	41	28	38						
5	06	00	29	51	29	53	28	36	29	57	28	46	
5	07	12	30	25	31	31	29	40	30	39	29	50	
5	07	00	29	25	30	28	30	39	29	37	30	37	
5	08	12	28	27	26	32	29	41					
5	08	00	28	27	29	31	28	33	27	21			
5	09	12	27	32									
5	09	00	26	44	25	42	25	31	25	40	25	51	
5	10	12	27	37	26	36	27	43	26	56			
5	10	00	26	28	28	33	27	39	26	50	27	52	
5	11	12	25	45	24	52	25	72	25	44	25	75	
5	11	00	25	41	25	47	24	33	24	45	26	41	
5	12	12	28	35	28	56	28	49	28	52	28	68	
5	12	00	27	52	26	60	26	50	27	67	26	90	
5	13	06	28	29	37	29	39	29	49				
5	13	12	28	36	28	40	28	36	28	51			
5	13	00	28	33	30	42	28	36	28	42	28	55	
5	14	06	27	17	29	22	28	29	29	36	30	43	
5	14	12	28	23	28	25	29	37	28	39	29	63	
5	14	00	28	23	28	26	29	35	29	54			
5	15	12	29	21	29	33	28	23					
5	15	00	29	11	29	35	29	33	29	40	30	35	
5	16	12	26	22	25	25	26	32	28	32	27	30	
5	16	00	28	23	28	33	28	34	27	34	28	31	
5	17	06	22	51	23	50	23	51					
5	17	12	23	104	21	111	23	45	32	23	24	62	
5	17	00	22	51	21	72							
5	18	12	23	130	24	111	23	124					
5	18	00	23	133	25	77	21	44	23	65			
5	19	06	26	62									
5	19	00	25	70	24	60	24	70	25	150			
5	20	12	30	43	30	42	29	56	29	61	28	57	
5	20	00	28	45	29	58	28	58					
5	21	12	29	10	29	20							
5	21	00	23	25	31	35	31	47	29	50			
5	22	12	31	22	30	41	30	43					
5	22	00	32	21	30	32	30	40	29	45			
5	23	12	28	29	28	27	29	41	28	48	29	52	
5	23	00	29	19	30	31	31	27	28	32			
5	24	00	26	22	28	49	26	40	27	43	30	35	
5	25	06	30	36	30	43	29	56	29	44	29	47	
5	25	12	29	42	28	34	28	39	28	47	28	58	
5	25	00	28	28	29	26	27	35	27	15			
5	26	12	26	35	25	49	27	57					
5	26	00	32	61	27	36	27	46	27	50			
5	27	12	26	28	28	38							
5	27	00	27	38	27	47	27	55	28	80			
5	28	12	27	54	27	42	25	110					
5	28	00	25	39	25	43	27	56	27	65	26	65	
5	29	06	29	48	29	54	29	62					
5	29	12	29	57									
5	29	00	29	42	31	33	29	52					
5	30	00	33	35	31	42							
5	31	00	32	32	31	47	31	55					
5	31	24	16	27	31	60							
6	01	12	32	52									
6	01	24	30	32									
6	02	12	30	28	29	36							
6	03	12	28	20	29	22							
6	03	00	30	19	31	28	28	30	29	32			
6	04	12	28	14	27	15	27	28					
6	04	00	29	13	27	23	28	28	29	26			
6	05	12	28	20	27	23	27	19					
6	06	12	29	26	29	26	29	41					
6	06	00	27	34	26	15	28	25	28	35			
6	07	17	30	34									
6	08	12	30	33	31	28	31	35	29	45			
6	08	00	18	13	16	1							
6	09	12	32	16	29	13	29	15					
6	10	12	21	21	24	27	25	37	26	42	25	52	
6	10	00	29	17	29	10	26	18	27	32	31	42	
6	11	06	21	25	24	29	24	34					
6	11	12	22	27	23	24	24	37	27	51	26	53	
6	11	00	20	32	25	38	22	33	26	33	27	47	

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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	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt
7	29	12	27 52										
7	29	00	26 35										
7	30	12	27 45										
7	30	00	27 31										
7	31	24	25 48										
7	31	00	26 31	26 43									
8	01	06	24 48										
8	01	12	24 63	21 63									
8	03	12	27 36	27 44	28 63								
8	03	00	29 75	27 26									
8	04	12	28 70	27 70									
8	05	12	29 53										
8	06	12	30 47										
8	06	01	29 50										
8	07	06	31 32										
8	07	00	29 38	29 37									
8	08	12	33 12	30 20	29 17	31 27	32 15						
8	08	00	34 20										
8	09	00	35 12										
8	10	12	01 10										
8	10	00	03 07	31 09	36 15	01 31	03 53						
8	11	06	04 16										
8	11	00	06 22	03 03									
8	13	12	35 22										
8	14	12	32 16	30 29									
8	14	02	33 18	27 19									
8	15	12	30 34										
8	15	00	29 27	28 30									
8	17	12	27 31	27 47									
8	17	00	24 18										
8	18	00	30 23	28 35	28 61								
8	19	12	27 35	28 52									
8	19	00	28 29	27 42	28 61								
8	20	06	27 30	28 34									
8	20	00	25 36	30 35	29 40	30 47	32 51						
8	21	12	25 32										
8	22	12	28 60	27 57	27 105								
8	22	00	27 18	27 35									
8	23	12	27 26	27 57									
8	24	00	27 35	27 45									
8	25	00	26 33										
8	26	12	28 29										
8	26	00	29 45	29 54									
8	27	06	28 50										
8	27	00	28 40	28 46									
8	28	06	27 27	28 33									
8	28	12	30 23	28 23									
8	28	00	28 32	27 37									
8	29	12	25 13										
8	29	00	23 10	28 18	25 34								
8	31	06	20 34	21 44	22 54								
8	31	12	21 55										
8	31	24	21 39										
8	31	00	19 34										
9	01	12	22 44										
9	03	06	19 60	19 61	18 77								
9	04	06	29 52	28 61	29 67								
9	04	12	28 45	29 49									
9	04	00	27 46	27 42									
9	05	00	30 28	29 43									
9	06	12	29 17	30 22									
9	07	00	32 09										
9	08	00	30 04										
9	09	06	23 25	24 39	24 53	24	67	25 77					
9	09	12	24 51	24 65	24 83								
9	09	00	20 15										
9	10	12	25 42	27 24									
9	10	00	24 54	27 41	26 46								
9	11	12	34 05	30 15	31 20	31	20	31 17					
9	11	00	26 09	24 18	25 16								
9	12	12	15 26	31 05	30 21								
9	12	00	26 02	26 07	25 40	27	28	27 97					
9	13	06	04 12	34 10	27 17	27	28	28 51					
9	13	00	09 09	27 07									
9	14	12	30 19										
9	14	00	09 06										

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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	$\times 10$	kt	$\times 10$	kt									
0	30	12	30	37	34	57	32	66							
0	30	00	34	38	32	44	34	71	31	71	52	100			
0	31	12	36	25	35	29	35	36	33	40					
0	31	24	02	23	36	24	35	23	34	35					
0	31	00	35	21											
11	01	12	34	18	34	23	34	30	34	38	34	51			
11	01	24	33	10	34	07	33	18	33	18	31	28			
11	02	12	29	11	30	16	30	18	31	20	32	17			
11	03	12	28	20	27	19	29	31							
11	03	00	28	17	25	33	28	24	29	24	29	14			
11	04	12	27	18	25	27									
11	04	00			34	24	24	18	26	28					
11	05	12	25	25	25	35	25	50	24	51	23	49			
11	05	00	19	26	21	34	25	32	23	42	24	55			
11	06	06	31	13	29	28									
11	06	12	33	29	29	32	29	50	28	51	28	55			
11	06	00	26	25	26	29	27	35	26	43					
11	07	12	33	40	32	47	32	51	31	60	30	66			
11	07	00	35	26	31	60	29	37	30	66					
11	08	06	50	21	26	22									
11	08	12	27	24	28	37	29	34							
11	08	00	34	26	32	47	30	55	31	73					
11	09	12	28	40	28	50	29	69	29	74	29	64			
11	09	00	26	37	27	45	27	48	29	52	27	37			
11	10	12	35	34	34	47	34	48	34	51	33	64			
11	10	00	33	29	32	51	31	34	30	43					
11	11	12	01	22	34	29	33	36	34	45	33	40			
11	11	00	36	22	35	31	33	28	34	43	33	58			
11	12	12	35	24	34	22	35	31	34	30					
11	12	00	01	15	01	25	01	27	36	43	35	35			
11	13	12	24	39	25	40	27	38							
11	13	00	28	14	27	14	28	17	31	19					
11	14	00	26	86	22	16	26	35							
11	15	06	36	21											
11	15	12	36	27	35	30									
11	15	00	31	21	32	25	32	29	30	29	31	27			
11	16	12	01	38	02	35	36	40	01	30	02	34			
11	16	00	02	41	01	41	36	88	36	30	36	30			
11	17	06	02	27	03	32	03	29	04	26					
11	17	12	04	29	04	30	03	26	04	26	05	23			
11	17	00	03	34	02	32	03	39	03	34	05	35			
11	18	12	07	19	05	25	06	18	05	25	05	27			
11	18	00	05	13	07	21	06	19	05	25					
11	19	12	08	47	08	38	06	27	05	28	08	32			
11	19	00	07	34	06	37	07	27	06	22	06	35			
11	20	06	10	28	09	33	09	35	09	33	07	27			
11	20	12	10	29	09	30	10	30	08	20					
11	20	00	07	37	08	36	08	36	09	26					
11	21	12	14	25	12	20	13	20							
11	21	00	10	31	10	30	11	31	11	30	10	28			
11	22	12	14	27	13	21	14	17	13	17	10	29			
11	22	00	13	29											
11	23	06	13	18	12	17	13	15	12	13					
11	23	12	15	23	14	19	15	12	14	15					
11	23	00	14	17	15	21	13	16	11	16					
11	24	12	16	14	15	05	15	11							
11	24	00	14	17	14	09	16	07	13	10					
11	25	06	24	12	25	12	20	09	22	06					
11	25	12	21	19	24	09	22	06	14	08	11	03			
11	25	00	22	12	20	12	18	03	11	03					
11	26	06	24	16	25	12	21	09	12	03					
11	26	17	26	21											
11	28	06	25	32	25	27	25	24							
11	30	12	28	08	29	08	34	03	07	09					
11	30	24	34	05	36	14	35	04	01	05					
12	01	24	36	20	17	05	04	07	04	07	02	14			
12	02	12	35	10	35	15	36	11	03	14					
12	03	12	03	15	35	11	29	05	04	29	03	12			
12	03	00	36	15	36	12	35	13	04	12	03	14			
12	04	06	06	15	07	14	05	18							
12	04	12	09	08	06	10	06	08	07	13					
12	04	17	10	09	07	09	06	12							
12	04	00	06	22	04	13	05	19	05	15	08	20			
12	05	00	13	05	27	10	03	05	02	16	07	12			
12	06	06	11	17	12	05	14	01							
12	06	12	12	04	06	04	10	06	08	06	09	10			
12	06	00	11	05	18	05	12	05	07	10					

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	=x10 kt	=x10 kt																			
12	07	06	17	08	10	03	18	01	25	07	09	04												
12	07	12	18	04	36	02	14	01	05	04	06	03												
12	07	17	20	09																				
12	07	00	15	07	12	08	32	02	00	00														
12	08	12	26	19	26	13	27	15	23	06	18	09												
12	08	00	24	04	28	11	31	08	35	02														
12	09	12	24	08	26	13	24	07	23	04	07	10												
12	09	17	24	02	23	12	26	06																
12	09	00	22	17	25	14	27	06																
12	10	12	29	08	29	05	32	06	06	07														
12	10	00	25	13	04	09	26	09	10	03	05	10												
12	11	06	30	14																				
12	11	00	28	03	24	06																		
12	12	06	28	06	29	07																		
12	12	12	00	00	31	05	01	04	03	06	05	08												
12	12	00	31	10	33	03	33	04	05	04														
12	13	12	26	06	32	04	34	03	01	08	02	07												
12	13	00	35	11	21	04	36	05	02	03	02	08												
12	14	06	28	10	28	12	30	09																
12	14	12	27	07	23	04	33	08	32	05	36	08												
12	14	17	28	11	31	08																		
12	14	00	32	09	29	11	23	06	32	10	07	05												
12	15	06	28	15	30	12	31	05	33	07														
12	15	12	30	18	27	15	30	12	29	09														
12	15	00	30	18																				
12	16	12	30	16	29	15	29	12	34	07														
12	16	00	30	05	27	21	33	14																
12	17	12	30	06	28	18	32	04	32	06	03	07												
12	17	00	35	27	29	10	31	13																
12	18	12	28	01	31	10	35	02	31	04	08	12												
12	18	00	29	03	25	10	30	06	02	03	36	02												
12	19	12	02	04	02	03	14	01	02	07														
12	20	12	31	05	26	04	31	03	04	02	36	08												
12	20	00	29	03	02	03	06	02	05	05														
12	21	06	25	27	26	16	29	14	31	06	31	06												
12	21	00	26	14	26	07	29	04	23	05														
12	22	12	35	24	32	20	01	16																
12	22	00	30	21	30	19	30	15	34	11														
12	23	12	23	01	13	23	26	05	09	11														
12	23	00	36	21	35	12	34	09	33	09														
12	24	12	17	08	20	08	21	02	24	04	11	03												
12	24	00	12	11	16	05	26	04	31	05														
12	25	12	17	09	30	04	29	08	28	08	11	03												
12	25	00	17	10	17	11	27	06	31	07														
12	26	12	25	07	25	10	32	13	27	08														
12	26	00	20	07	23	10	26	05	33	07														
12	27	00	24	12	27	13	26	08	30	09	27	09												
12	27	12	25	70																				
12	31	24	27	17	28	18	27	18	29	12	25	10												

Results of Upper Wind Observations,
MACQUARIE 1962

Month	Day	Hour	Surface	1000 FEET		3000 FEET		5000 FEET		7000 FEET		10,000 FEET		15,000 FEET		20,000 FEET		25,000 FEET		30,000 FEET	
				GMT	°x10 kt	°x10 kt	°x10 kt	°x10 kt	°x10 kt	°x10 kt	°x10 kt	°x10 kt	°x10 kt	°x10 kt	°x10 kt						
1	01	05	33 37	32 59	31 69	50 57	29 57	29 57	29 71	30 70	30 67	30 67	30 90	30 94	30 94	29 84	29 84	31 108	31 102	28 66	29 66
1	01	11	31 26	30 33	29 49	50 55	50 55	30 60	30 60	30 67	30 67	30 67	30 84	31 108	31 108	31 108	31 108	31 108	31 108	31 108	31 108
1	01	17	32 26	28 30	28 36	27 35	28 58	28 58	28 50	28 50	28 50	28 50	28 59	27 69	27 69	27 64	27 64	28 66	28 66	29 66	29 66
1	01	23	32 22	28 55	28 42	27 45	27 45	27 45	27 51	28 59	28 59	28 59	28 59	28 59	28 59	28 59	28 59	28 59	28 59	28 59	28 59
1	02	05	29 33	28 31	26 45	26 45	26 44	26 44	25 48	25 48	25 48	25 48	25 75	24 73	24 73	24 73	24 73	24 73	24 73	25 82	25 82
1	02	11	29 18	28 25	27 36	27 34	27 39	27 39	27 58	27 58	27 58	27 58	27 47	27 59	27 59	27 59	27 59	27 59	27 59	27 59	27 59
1	02	17	32 23	31 30	31 38	25 45	29 46	29 46	29 54	29 54	29 54	29 54	29 73	30 60	30 60	30 60	30 60	30 60	30 60	30 60	30 60
1	02	23	34 26	32 46	31 45	31 47	31 46	31 48	31 48	31 60	31 60	31 60	30 83	30 110	30 110	30 110	30 110	30 110	30 110	30 110	30 110
1	03	05	31 26	29 49	44 28	44 28	49 29	49 30	50 56	50 56	50 56	50 56	50 56	50 56	50 56	50 56	50 56	50 56	50 56	50 56	50 56
1	03	11	32 16	32 22	31 31	31 33	31 36	31 36	29 33	29 33	29 33	29 33	29 33	29 33	29 33	29 33	29 33	29 33	29 33	29 33	29 33
1	03	17	32 17	32 24	32 30	32 32	32 32	32 32	32 43	32 43	32 43	32 43	31 41	31 54	31 54	31 54	31 54	31 54	31 54	31 54	31 54
1	03	23	29 12	28 28	34 28	28 29	28 29	28 30	28 30	28 34	28 34	28 34	28 34	28 34	28 34	28 34	28 34	28 34	28 34	28 34	28 34
1	04	05	29 16	28 29	27 30	28 28	28 28	28 28	28 35	28 35	28 35	28 35	28 36	28 36	28 36	28 36	28 36	28 36	28 36	28 36	28 36
1	04	11	28 06	27 12	27 26	27 27	27 27	27 27	26 44	26 44	26 44	26 44	26 20	25 30	25 30	25 30	25 30	25 30	25 30	25 30	25 30
1	04	17	29 16	29 20	28 23	28 23	28 24	28 24	28 39	28 39	28 39	28 39	28 55	28 55	28 55	28 55	28 55	28 55	28 55	28 55	28 55
1	04	23	32 17	00 00	00 00	00 27	00 27	00 27	00 27	00 27	00 27	00 27	00 27	00 27	00 27	00 27	00 27	00 27	00 27	00 27	00 27
1	05	31 22	30 26	26 29	31 29	29 32	29 32	29 32	29 32	29 32	29 32	29 32	29 32	29 32	29 32	29 32	29 32	29 32	29 32	29 32	29 32
1	05	31 22	30 25	31 25	31 25	31 25	31 25	31 25	31 25	31 25	31 25	31 25	31 25	31 25	31 25	31 25	31 25	31 25	31 25	31 25	31 25
1	05	31 22	30 22	27 26	26 26	26 26	26 26	26 26	26 26	26 26	26 26	26 26	26 26	26 26	26 26	26 26	26 26	26 26	26 26	26 26	26 26
1	06	05	28 25	26 32	25 32	25 34	25 34	25 34	25 45	25 45	25 45	25 45	25 66	25 66	25 66	25 66	25 66	25 66	25 66	25 66	25 66
1	06	11	28 27	27 00	00 00	24 34	24 34	24 34	24 36	24 36	24 36	24 36	24 53	24 53	24 53	24 53	24 53	24 53	24 53	24 53	24 53
1	06	17	28 23	00 00	00 00	20 33	20 33	20 33	20 33	20 33	20 33	20 33	20 33	20 33	20 33	20 33	20 33	20 33	20 33	20 33	20 33
1	06	23	28 16	28 18	27 14	27 14	27 14	27 14	27 14	27 14	27 14	27 14	27 14	27 14	27 14	27 14	27 14	27 14	27 14	27 14	27 14
1	07	05	34 16	33 35	32 32	32 32	32 32	32 32	32 32	32 32	32 32	32 32	32 32	32 32	32 32	32 32	32 32	32 32	32 32	32 32	32 32
1	07	11	35 16	00 00	00 00	33 34	33 35	32 32	32 32	31 43	31 50	31 50	31 50	31 50	31 50	31 50	31 50	31 50	31 50	31 50	31 50
1	07	17	36 25	25 00	00 00	34 49	34 51	34 51	34 51	34 51	34 51	34 51	34 51	34 51	34 51	34 51	34 51	34 51	34 51	34 51	34 51
1	07	23	32 37	30 50	50 29	29 61	28 53	28 53	28 56	28 56	28 56	28 56	28 56	28 56	28 56	28 56	28 56	28 56	28 56	28 56	28 56
1	08	05	31 30	29 29	40 27	27 44	26 45	26 45	26 54	26 54	26 54	26 54	26 54	26 54	26 54	26 54	26 54	26 54	26 54	26 54	26 54
1	08	11	29 28	00 00	00 00	26 45	26 45	26 45	26 48	26 48	26 48	26 48	26 50	26 50	26 50	26 50	26 50	26 50	26 50	26 50	26 50
1	08	17	29 26	00 00	00 00	27 41	26 45	26 45	26 48	26 48	26 48	26 48	26 50	26 50	26 50	26 50	26 50	26 50	26 50	26 50	26 50
1	08	23	31 14	30 22	22 28	34 27	29 27	29 27	27 31	27 31	27 31	27 31	27 53	27 53	27 53	27 53	27 53	27 53	27 53	27 53	27 53
1	09	05	32 12	29 29	29 28	32 29	28 29	28 29	28 34	28 34	28 34	28 34	27 43	27 43	27 43	27 43	27 43	27 43	27 43	27 43	27 43
1	09	11	31 14	30 19	30 21	29 21	29 21	29 21	29 33	29 33	29 33	29 33	29 37	29 41	29 41	29 41	29 41	29 41	29 41	29 41	29 41
1	09	17	33 16	31 21	21 21	30 32	30 32	30 34	30 34	30 42	30 42	30 42	30 42	30 49	30 56	30 56	30 56	30 56	30 56	30 56	30 56
1	09	23	32 15	29 25	25 27	27 25	28 25	28 25	28 25	29 31	29 31	29 31	29 31	29 45	29 51	29 51	29 51	29 51	29 51	29 51	29 51
1	10	05	00	00	22 10	26 16	16 26	17 26	17 26	19 27	19 27	19 27	19 27	19 27	19 27	19 27	19 27	19 27	19 27	19 27	19 27
1	10	11	13 09	00 00	00 00	00 04	05 05	24 06	04 06	04 06	04 06	04 06	04 06	04 06	04 06	04 06	04 06	04 06	04 06	04 06	04 06
1	10	17	15 08	00 00	00 00	00 00	00 00	00 00	01 01	01 01	01 01	01 01	01 08	31 17	30 30	30 30	30 30	30 30	30 30	30 30	30 30
1	11	05	16 11	11 14	14 14	10 07	05 07	05 07	05 07	05 07	05 07	05 07	05 07	05 07	05 07	05 07	05 07	05 07	05 07	05 07	05 07
1	11	11	00 00	00 00	00 00	00 00	00 00	00 00	00 00	00 00	00 00	00 00	00 00	00 00	00 00	00 00	00 00	00 00	00 00	00 00	00 00
1	11	17	29 16	00 00	00 00	23 16	16 26	23 26	23 27	27 27	27 27	27 27	27 27	29 26	29 26	29 26	29 26	29 26	29 26	29 26	29 26
1	11	23	29 21	25 21	25 21	25 21	25 21	25 21	25 21	25 21	25 21	25 21	25 21	25 21	25 21	25 21	25 21	25 21	25 21	25 21	25 21
1	12	05	29 43	27 27	57 28	50 28	28 28	51 28	28 28	34 34	34 34	34 34	34 34	33 41	33 41	33 41	33 41	33 41	33 41	33 41	33 41
1	12	11	29 42	27 27	56 28	27 27	56 27	27 27	56 27	27 27	56 27	27 27	56 27	27 27	56 27	27 27	56 27	27 27	56 27	27 27	56 27
1	12	17	29 34	27 27	56 27	27 60	27 60	27 64	27 64	27 64	27 64	27 64	27 64	27 64	27 64	27 64	27 64	27 64	27 64	27 64	27 64
1	12	23	27 34	26 41	26 41	26 52	25 52	25 56	25 56	25 56	25 56	25 56	25 56	25 56	25 56	25 56	25 56	25 56	25 56	25 56	25 56
1	16	05	25 25	26 41	25 41	24 46	24 46	24 46	24 48	24 48	24 48	24 48	24 54	24 54	24 54	24 54	24 54	24 54	24 54	24 54	24 54
1	16	11	27 16	25 24	24 24	24 24	24 24	24 25	24 25	24 25	24 25	24 25	24 25	24 25	24 25	24 25	24 25	24 25	24 25	24 25	24 25
1	16	17	29 06	00 00	00 00	00 16	29 23	23 23	23 26	23 26	23 26	23 26	23 26	23 26	23 26	23 26	23 26	23 26	23 26	23 26	23 26
1	17	05	34 19	00 00	00 00	00 32	25 32	32 32	30 35	30 35	30 35	30 35	30 35	30 35	30 35	30 35	30 35	30 35	30 35	30 35	30 35
1	17	11	34 21	00 00	00 00	32 44	32 44	32 44	32 44	32 44	32 44	32 44	32 44	32 44	32 44	32 44	32 44	32 44	32 44	32 44	32 44
1	17	17	34 20	31 31	31 44	30 40	31 46	31 46	31 46	31 46	31 46	31 46	31 46	31 46	31 46	31 46	31 46	31 46	31 46	31 46	31 46
1	17	23	33 25	32 47	40 30	39 30	44 44</														

Results of Upper Wind Observations,
MACQUARIE
1962

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	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt										
1	23	05	28	17	26	32	27	37	27	27	31	25	47	25	62	25	72	24	96	24	113	24	113		
1	23	11	31	21	30	29	29	35	28	27	38	26	50	25	70	25	85	25	97	25	112	25	112		
1	23	17	28	14	27	21	26	34	26	39	25	48	25	63	25	72	26	104	25	101	25	101			
1	23	23	32	10	30	22	29	27	28	27	29	28	31	26	43	26	64	25	70	24	78	25	75		
1	24	05	34	20	32	39	31	44	30	48	30	48	30	54	29	57	28	57	29	54	28	60	28	55	
1	24	11	34	25	33	33	32	45	31	54	31	61	31	63	30	71	30	60	30	55	29	68			
1	24	17	34	24	33	35	33	40	31	48	31	62	31	62	31	76	31	77	31	74	32	82			
1	24	23	33	21	31	39	30	36	31	42	30	50	31	64	32	86	32	95	32	105	31	101			
1	25	05	31	12	30	29	28	29	41	30	45	30	57	31	64	31	114	32	108	32	109				
1	25	11	31	19	30	24	29	33	29	33	30	42	31	47	32	60	32	90	32	111					
1	25	17	29	20	28	25	28	30	28	28	32	30	47	00	00	33	98	33	104	30	88	30	80		
1	25	23	28	14	26	26	22	26	25	26	24	28	26	27	36	30	57	32	120	33	147	31	112		
1	26	05	27	17	26	21	25	31	24	30	24	30	22	29	22	22	25	21	25	28	22	31	51		
1	26	11	27	10	27	12	26	17	25	19	22	25	23	26	22	17	21	25	20	25	20	25	23	23	
1	26	17	29	18	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
1	26	23	31	20	29	22	28	25	19	25	12	26	17	21	24	04	23	08	24	11	21	11	19	28	
1	27	05	29	10	28	15	27	15	28	14	29	14	28	14	32	12	26	08	29	14	30	09	12	01	
1	27	11	31	09	00	00	28	11	28	11	30	12	50	15	32	14	32	16	51	21	19				
1	27	17	28	07	28	08	29	10	31	15	32	18	32	21	32	19	31	24	32	16	31	16	30	08	
1	27	23	31	09	32	09	35	09	35	11	33	20	32	32	31	32	34	27	33	30	34	33	31	11	
1	28	05	31	01	31	12	33	15	32	20	32	27	33	34	32	30	33	40	33	32	32	28	30	28	
1	28	11	31	07	00	00	27	25	27	27	28	28	31	40	51	51	40	51	40	51	40	51	40	51	
1	28	17	25	16	00	00	24	22	25	28	25	28	26	30	28	29	47	30	57	31	75	31	76		
1	28	23	27	05	25	17	14	18	24	24	24	24	24	24	24	24	31	25	55	23	45	22	48	24	41
1	29	05	28	08	27	12	26	16	26	23	26	18	26	25	26	26	32	26	40	25	34	23	51	22	44
1	29	11	32	13	00	00	30	20	30	22	30	22	30	27	27	35	29	52	27	42	26	40	24	44	
1	29	17	35	16	00	00	32	20	31	23	29	26	28	28	28	34	26	44	27	40	26	46	25	53	
1	29	23	34	16	34	22	35	25	31	31	31	29	30	32	29	34	31	34	30	36	30	45	29	44	
1	30	05	34	22	34	41	33	44	35	45	33	40	32	44	31	54	30	56	30	60	30	65	30	65	
1	30	11	34	26	00	00	34	26	34	26	34	26	34	26	34	32	54	33	63	33	64	31	62	31	81
1	30	17	35	28	00	00	34	47	33	57	32	56	31	55	31	60	32	69	32	71	32	75	32	78	
1	30	23	34	26	34	29	32	47	32	40	33	42	32	50	32	54	32	69	32	72	32	79	32	88	
1	31	05	33	12	30	22	30	22	31	35	32	52	32	52	32	58	32	69	32	72	32	72	31	88	
1	31	11	34	06	00	00	00	00	34	22	33	28	33	47	33	52	32	54	33	70	33	78	32	77	
1	31	17	36	08	00	00	36	15	35	27	34	34	34	52	34	56	34	61	34	74	33	81			
1	31	23	34	23	33	41	32	38	32	38	32	46	32	56	32	63	32	78	32	79	33	91	34	82	
2	01	05	34	21	32	31	32	36	32	37	33	43	33	49	33	67	33	69	33	89	33	102			
2	01	11	35	14	00	00	36	30	33	30	34	33	32	45	32	55	33	64	33	90	36	103			
2	01	17	20	00	00	35	35	35	55	62	56	58	58	60	58	72	36	95							
2	01	23	36	07	35	21	01	36	36	40	35	51	51	55	35	86	35	110	36	126					
2	02	05	32	10	30	25	32	29	34	24	38	34	46	36	52	35	93	36	138	36	142				
2	02	11	35	10	00	00	32	17	33	25	34	24	34	30	42	36	92								
2	02	17	36	16	36	16	19	16	36	27	34	28	35	37	35	40	35	49	35	81	36	91	36	72	
2	02	23	31	17	30	23	30	27	31	31	30	32	34	32	40	30	43	32	46	35	54	35	56		
2	03	05	32	08	32	21	32	21	32	23	32	28	33	31	36	30	30	33	30	34	30	38	31	36	
2	03	11	31	16	00	00	31	22	30	22	32	20	32	20	32	27	34	22	32	33	32	38	31	40	
2	03	17	32	18	31	18	20	21	30	23	30	24	31	27	31	36	32	33	32	38	31	42	30	40	
2	03	23	31	09	29	17	31	15	32	16	32	22	31	27	31	36	32	33	32	38	31	42	30	40	
2	04	05	27	07	25	15	25	15	26	19	27	11	30	11	31	16	33	29	33	36	31	42	30	40	
2	04	11	26	09	26	15	24	19	23	23	23	19	23	23	24	21	25	15	25	19	26	25	26	35	
2	04	17	26	00	00	22	22	23	23	23	23	23	23	23	24	21	25	23	28	23	38	23	42		
2	04	23	20	16	21	21	26	22	26	22	26	22	26	22	26	28	21	106	21	116	21	119			
2	05	25	12	26	22	22	24	22	27	22	27	22	27	22	27	22	50	22	80	22	91	23	86		
2	05	11	25	10	26	12	24	18	23	24	22	26	24	24	27	26	47	25	50	25	55	25	58		
2	05	17	29	15	30	00	00	00	00	00	00	00	00	00	00	23	40	24	47	24	46	25	42		
2	05	23	35	11	24	15	30	11	29	15	29	15	26	26	24	31	25	35	25	36	25	41	26	48	
2	06	05	36	09	36	11	36	08	26	09	26	25													

Results of Upper Wind Observations,
MACQUARIE
1962

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	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt							
2	13	05	32	20	32	32	31	57	30	42	31	45	31	42	28	36	28	34	26	48	25	57	
2	13	11	34	22	33	31	35	47	33	47	33	54	33	50	32	43	32	46	30	51	30	46	
2	13	17	34	23	33	35	34	47	34	66	34	59	33	51	33	57	32	70	34	50	33	61	
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2	14	05	34	22	34	44	31	56	32	49	33	46	34	53	33	66	32	70	33	61	32	72	
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2	29	17	31	30</td																			

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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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	09	23	31	36	30	52	29	59	29	58	29	55	28	70	28	66	27	70	27	83	26	86	24	86	
4	10	05	30	27	28	42	27	52	27	60	26	55	26	71	26	72	26	165	26	132	24	102			
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4	10	17	29	23	27	43	26	58	26	55	26	57	26	60	26	72	26	165	26	132	24	102			
4	10	23	29	16	25	24	25	32	26	25	26	25	26	28	26	32	26	35	26	44	27	57	28	72	
4	11	05	22	09	00	00	22	23	21	26	22	23	22	23	22	26	22	25	26	35	27	50	27	68	
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4	12	11	29	16	28	26	25	42	25	42	23	44	23	50	23	50	24	57	23	54	24</td				

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	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt								
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4	18	11	30 23	29	35	27	41	27	39	26	41	26	54	26	52	26	53	26	66	26	75					
4	18	17	31 26	29	35	28	44	28	58	28	58	27	56	27	64	27	61	28	55	26	48	27	71			
4	18	23	31 24	29	43	28	47	27	44	27	43	27	47	27	49	26	46	27	51	27	50	27	64			
4	19	05	30 22	28	37	27	39	27	42	28	49	26	46	27	45	27	51	27	50	27	51	27	64			
4	19	11	28 19	28	25	27	31	27	31	27	38	27	39	28	43	27	47	27	51	27	50	27	71			
4	19	17	29 17	29	20	29	24	28	39	00	00	00	00	00	00	00	00	00	00	00	00	00	00			
4	19	23	29 09	00	00	25	27	25	30	25	29	26	45	25	49	25	52	26	72	26	72	26	63			
4	20	05	28 22	00	00	26	40	26	47	26	45	26	45	26	45	24	90	23	110							
4	20	11	28 26	27	35	26	43	26	47	26	51	25	54	25	51	24	90	23	110							
4	20	17	29 28	27	35	27	48	25	58	25	59	25	67	25	95	25	98	24	74	25	75	23	81			
4	20	23	28 24	27	47	26	41	26	37	26	46	26	58	25	67	24	66	25	62	24	79					
4	21	05	30 22	29	31	27	45	27	42	27	39	26	50	25	46	25	60	25	62	24	73					
4	21	11	31 26	31	28	30	34	28	48	27	49	27	46	26	52	26	52	26	68	25	77					
4	21	17	31 30	00	00	30	33	28	32	29	53	27	53	28	40	26	68	25	77							
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4	22	05	30 15	30	18	29	24	28	36	27	49	27	61	27	59											
4	22	11	36 10	34 18	30	38	29	44	28	54	28	68	27	57												
4	22	17	33 24	31 33	30	48	30	58	30	60	29	54	28	62												
4	22	23	31 19	00 00	00	29	44	30	41	30	40	30	47	29	51	30	58	31	67	31	72					
4	23	05	33 21	00 00	00	31	42	31	46	30	52	30	65	31	58	31	71	31	75	31	84	31	92			
4	23	11	33 23	32 30	31	39	31	50	31	50	31	51	31	58	32	68										
4	23	17	33 22	32 28	30	39	31	58	31	52	31	56	32	68												
4	23	23	29 24	00 00	00	28	40	29	41	28	48	28	44	28	42	29	65	28	98							
4	24	05	29 17	00 00	00	27	35	26	41	27	44	27	55	27	69	28	77	27	73	38	90					
4	24	11	31 15	31 19	30	26	30	25	29	32	32	47	31	46	30	54	30	60	30	73	30	72				
4	24	17	35 23	34 30	33	41	32	46	32	52	31	57	31	62	30	72	30	85								
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4	25	05	28 34	00 00	00	27	50	27	56	27	64	28	80	28	92											
4	25	11	27 26	27 33	26	43	26	44	26	52	24	93	25	91	26	61	26	54	27	62						
4	25	17	32 15	30 15	28	14	24	10	27	20	27	26	26	44	26	64	26	60	28	60	28	69				
4	25	23	34 22	00 00	00	33	46	32	45	30	40	30	50	30	47	30	51	30	57	28	66	27	67			
4	26	05	34 26	00 00	00	33	58	32	60	32	62	32	57	32	58	31	61	31	68	31	76					
4	26	11	34 28	33 48	32	62	32	57	32	58	32	62	31	63	31	70	31	72								
4	26	17	34 28	33 48	31	65	31	65	31	65	31	65	31	65	31	81	31	89	32	98						
4	26	23	34 24	33 40	32	58	32	55	32	58	32	55	31	65	31	85	31	100								
4	27	05	33 33	32 32	30	33	30	35	30	35	30	35	31	45	31	57	31	83	31	92	31	99				
4	27	11	33 15	00 00	00	31	57	31	57	31	57	31	57	31	64	31	83	32	83							
4	27	17	32 31	31 46	30	50	32	45	31	46	31	46	30	47	30	67	31	99	31	110						
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4	28	05	31 22	00 00	00	29	27	29	39	29	41	30	57	30	67	30	70									
4	28	11	31 17	30 25	29	35	29	35	29	35	29	41	30	57	30	67	26	70	26	81						
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4	30	17	31 14	16 14	20	15	27	11	28	14	30	28	29	37	30	55	31	65	31	76	29	48	29	56		
4	30	23	15 06	00 00	00	15	11	30	15	29	13	29	28	29	31	29	43	29	49	29	48	29	56			
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5	01	11	30 10	30 14	29 22	29 30	29 35	28 28	29 23	29 23	27	23	28 19	27	26	28	27	28								
5	01	17	31 23	29 30	30 30	29	35	29 35	29 35	29 35	29 35	29 35	29 35	29 35	29 35	29 35	29 35	29 35	29 35	29 35	29 35	29 35	29 35	29 35	29 35	
5	01	23	31 23	29 28	30 28	28	30	28	30	28	30	28	30	28	30	28	30	28	30	28	30	28	30	28	30	
5	02	05	31 22	31 28	30 31	31	31	31	27	30	26	30	24	31	27	32	28	32	28	32	30	36	30	36	3	

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	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt								
5	09	05	30 17	28	27	27	34	28	32	28	31	25	33	22	48	20	68	20	91	20	110					
5	09	11	29 22	28	28	27	33	27	35	26	45	26	39	24	48	23	70	22	81	20	110					
5	09	17	28 31	27	37	27	49	27	56	25	55	25	55	24	98	24	83	24	90	24	90					
5	09	23	27 35	27	35	24	50	25	52	24	62	24	70	24	83	24	90	24	90	24	90					
5	10	05	27 30	00	00	26	84	25	74	25	76	24	68	25	98	25	97	25	97	25	97					
5	10	11	28 23	27	43	25	64	25	65	25	75	25	87	25	86	26	99	26	99	26	99					
5	10	17	29 33	27	47	26	49	25	62	25	81	25	92	25	99	25	99	25	99	25	99					
5	10	23	27 30	25	42	25	49	25	50	25	59	25	78	25	80	25	108	25	108	25	108					
5	11	05	27 30	26	48	26	48	25	50	25	52	25	56													
5	11	11	29 23	28	39	26	54	25	71	25	76	25	76	25	92											
5	11	17	28 26	27	41	25	61	25	74	25	74	24	76	25	91											
5	11	23	28 22	27	29	25	58	24	76	24	77	24	89	24	87	24	101	25	70	24	68					
5	12	05	28 22	27	34	25	49	25	58	25	65	23	60	24	74	25	71	25	70	24	68					
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5	12	17	30 24	29	37	26	60	26	56	27	57	27	63	27	60	27	58	27	58	27	58					
5	12	23	31 30	29	38	27	60	27	65	27	69	26	67	27	58											
5	13	05	28 26	26	35	26	44	26	40	26	45	25	44	26	38	24	60	25	74	25	80					
5	13	11	25 04	26	11	21	21	26	33	26	38	26	35	25	45	26	58	25	73	25	80					
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5	13	23	31 10	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
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5	14	11	31 23	30	35	28	50	28	48	28	49	27	51	28	50	28	49	28	49	28	49					
5	14	17	32 22	31	36	30	47	30	39	30	38	30	40	30	49	30	66	30	66	30	66	31	74			
5	15	05	32 22	00	00	30	49	30	51	30	52	30	57	30	58	30	55	30	55	30	62	30	73			
5	15	11	34 23	33	33	32	41	31	40	31	42	31	49	31	46	31	55	31	59							
5	15	17	33 30	32	44	31	59	31	49	31	52	31	52	31	52	31	50	32	52							
5	15	23	33 26	32	44	30	48	30	50	31	51	31	59	31	57	31	61	31	71							
5	16	05	34 24	33	36	33	55	33	48	32	47	32	47	31	32											
5	16	11	34 22	34	32	33	43	32	50	32	53	32	46	33	45											
5	16	17	34 21	34	38	33	43	33	45	33	54	33	57	34	59	33	67									
5	17	05	34 18	00	00	30	33	33	33	39	33	50	34	52	33	56	34	63	34	55						
5	17	11	35 17	34	29	33	43	33	44	33	50	33	57	34	59	33	67									
5	17	17	34 22	33	30	32	37	32	57	32	41	32	41	33	45	34	58	35	65	35	73	35	86			
5	17	23	31 22	30	37	30	42	30	47	30	48	32	50	32	58	32	61	33	66	32	84	33	76			
5	18	05	31 31	31	38	31	47	30	50	30	53	28	52	28	52	30	88	30	102	30	102	31	99	30	50	
5	18	11	31 23	31	29	30	43	29	41	28	53	30	55	30	60	31	75	31	82							
5	18	17	31 10	30	15	30	28	31	30	31	30	31	31	37	31	36	32	58	32	86						
5	18	23	31 07	00	00	13	11	01	05	04	08	32	12	34	25	32	38	35	50	34	64	32	51			
5	19	05	16 16	00	00	17	17	22	07	23	10	27	06	34	13	32	22	31	28							
5	19	11	00 00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
5	19	17	04 02	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
5	19	23	18 05	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
5	20	05	31 13	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
5	20	11	31 17	30	28	28	30	29	28	28	25	27	27	27	26	26	26	31	31	31	31	31	31	31	31	
5	20	17	31 17	30	30	28	30	29	28	28	25	27	27	27	26	26	26	31	31	31	31	31	31	31	31	
5	20	23	33 19	32	37	29	39	29	39	25	44	25	44	25	44	25	44	25	44	25	44	25	44	25	44	
5	21	11	33 24	32	35	31	48	31	49	31	49	31	48	30	49	31	50	30	52	31	42	29	39			
5	21	17	34 24	31	35	30	45	31	50	31	46	31	42	31	54	31	55	30	42	30	44					
5	21	23	33 20	32	31	31	38	31	39	30	35	30	41	30	46	30	44	29	51	30	46	29	51			
5	22	05	32 17	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
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5	23	11	34 05	34	16	34	26	02	38	36	44	33	17	30	17	30	12	30	05	18	07	20	12	26	12	
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Results of Upper Wind Observations,
MACQUARIE 1962

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	$\times 10$	kt																			
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5	31	17	00	00	00	00	00	00	00	00	00	07	20	07	25	13	24	14	25	20	26	30	27	40
5	31	23	16	31	00	00	22	10	19	13	20	18	14	15	12	15	09	25	15	25	15	28	25	41
6	01	05	14	14	00	00	14	19	19	15	20	15	19	12	20	07	17	08	20	10	25	29	25	41
6	01	11	14	11	14	11	13	11	18	07	20	12	16	01	18	05	21	03	30	02	25	24	25	36
6	01	17	11	06	00	00	11	06	14	06	17	06	00	05	04	33	06	29	09	25	19	26	28	
6	01	23	11	04	00	00	07	11	01	07	34	06	36	08	35	15	35	25	33	14	31	20	30	23
6	02	05	11	02	00	00	07	08	02	11	35	07	35	25	34	25	35	29	35	27	34	31	32	35
6	02	11	09	03	08	05	05	11	02	08	36	13	35	21	33	24	33	26	35	35	35	35	33	45
6	02	17	07	05	07	06	05	10	03	08	01	11	36	15	33	22	32	25	30	21	32	32	33	40
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6	03	05	14	16	13	22	11	27	08	15	07	07	05	09	14	04	36	04	03	09	36	15	35	18
6	03	11	13	17	12	25	09	27	07	22	08	15	09	14	08	11	32	06	36	08	34	14	33	27
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6	03	23	13	20	11	29	10	34	09	38	10	40	10	31	10	25	09	20	07	09	01	09	35	08
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6	07	17	13	04	11	05	08	11	03	09	03	08	08	12	04	16	06	14	05	12	03	03	32	08
6	07	23	11	02	00	00	05	17	04	25	03	15	01	20	01	22	33	20	27	41	26	54	30	26
6	08	05	36	17	00	00	36	31	36	34	35	29	35	33	32	32	32	35	32	34	32	48	31	43
6	08	11	36	28	00	00	36	35	35	38	38	35	40	34	38	38	36	55	35	69	35	65	01	70
6	08	17	33	09	33	16	32	28	31	27	33	30	33	29	33	32	36	37	35	53	34	52	33	35
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6	13	11	31	31	00	00	28	06	24	18	24	22	24	20	24	31	25	36	24	37	24	39	38	
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Results of Upper Wind Observations,
MACQUARIE 1962

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	21	23	31	16	31	22	32	24	32	22	32	24	29	26	30	27	32	35	32	40	31	45		
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6	22	17	29	21	29	26	28	31	28	27	31	24	31	22	35	36	36	51	35	50	33	32		
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6	26	23	20	10	00	00	00	16	29	47	28	59	29	72	29	80	29	106	28	88	28	93		
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7	09	05	30	24	29	35	28	38	27															

Results of Upper Wind Observations,
MACQUARIE 1962

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	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt								
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7	12	17	32 18	31	30	31	32	33	31	31	30	28	33	29	31	40	31	62	30	50	31	69		
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7	15	05	21 10	23 35	23	40	22	43	21	51	21	59	23	67	23	67	33	80	24	77	23	62		
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7	16	05	29 17	00 00	28	26	27	23	26	26	28	24	27	26	27	33	33	27	34	25	37	26	38	
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7	18	05	34 29	22 41	31 52	30	50	30	52	29	51	29	48	30	51	30	57	30	65	28	89			
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7	19	05	31 30	30 39	29 46	29	46	29	46	29	49	28	55	29	54	29	59	29	62	29	76			
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7	19	23	20 16	00 00	24	36	23	38	25	38	26	36	27	39	27	49	27	53	26	57	26	66		
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7	30	17	13 17																					

Results of Upper Wind Observations,
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MONTH	DAY	HOUR	SURFACE	1000 FEET		3000 FEET		5000 FEET		7000 FEET		10,000 FEET		15,000 FEET		20,000 FEET		25,000 FEET		30,000 FEET		35,000 FEET		
				GMT	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt								
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8	02	17	34 28	33	29	31	33	30 37	31	49	30	70	30	73	30	82	29	94	29	105	21	21	38	
8	02	23	23 04	00	00	23	28	26 17	32	29	33	63	32	62	32	76	32	98	32	110	34	108	32 89	
8	03	05	25 04	25	20	25	30	24 27	21	30	24	24	32	61	33	83	33	110	34	108				
8	03	11	28 10	27	15	26	21	26 24	27	29	28	45	29	51	32	80	32	80						
8	03	17	29 12	30	20	32	30	32 32	32	29	32	28	31	35	29	40	31	42	31	43				
8	03	23	25 21	00	00	26	37	25 40	46	45	46	55	27	56	24	63	24	45	25	41	27	46		
8	04	05	27 20	00	00	24	50	24 42	24	52	24	58	24	54	23	65	23	77	22	81	24	54		
8	04	11	25 10	25	14	24	54	24 38	24	55	24	40	22	50	22	78	22	92						
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8	04	23	35 31	32	44	31	62	30 61	30	58	29	56	28	61	28	60	29	68	29	78	27	77		
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8	05	11	29 30	28	35	26	43	27 51	27	53	26	65	27	84	26	93	26	100	26	100				
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8	07	23	30 20	28	37	27	31	26 50	27	54	24	54	24	52	25	58	25	40	25	45	28	48		
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8	08	23	28 22	00	00	27	38	27 58	28	58	28	40	28	40	28	37	28	55	28	60	29	67		
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8	09	23											28	31	28	41	28	45	28	53	28	56		
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8	15	17	33 16	32	30	32	32	32 26	26	32	30	32	29	31	25	30	23	29	22	29	32	30		
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8	16	05	31 24	31	42	30	44	30 45	30	50	30	42	31	42	30	54	30	62	31	68	31	69		
8	16	11	31 26	31	36	30	41	30 39	31	45	31	51	30	54	30	62	31	68	31	69	31	69		
8	16	17	29 32	29	49	28	47	28 55	28	55	28	56	28	56	28	62</td								

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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8	24	23	32	15	30	32	30	37	29	32	31	26	29	25	29	17	29	13	25	08	26	14	
8	25	05	32	21	31	37	31	42	31	33	30	37	31	34	31	23	32	15	31	10	26	13	
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8	25	17	33	24	32	33	31	45	31	52	31	47	30	47	31	48	30	40	29	22			
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8	27	05	30	26	28	35	28	40	28	41	27	40	27	47	27	55	25	76	25	111	25	117	
8	27	11	30	22	29	32	29	35	29	40	28	40	28	46	28	56	28	70	27	70	27	114	
8	27	17	36	17	34	20	32	29	32	35	33	34	31	44	31	57	29	61	29	90			
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8	28	05	34	26	34	41	32	61	32	53	33	60	33	59	33	66	33	78	33	90	33	79	
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8	28	17	28	24	29	30	29	39	30	45	29	44	30	39	30	45	31	45	30	45			
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8																							
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9	01	11	30	23	28	39	28	51	27	48	27	50	27	54	28	69	28	82	28	104	29	114	
9	01	17	30	27	28	40	27	43	27	52	28	57	28	72	29	84	29	85					
9	01	23	29	24	28	37	27	51	26	49	26	60	25	66	24	62	26	79	26	76	27	75	
9	02	05	27	25	27	42	26	44	25	50	25	53	25	55	24	59	25	69	24	69	25	78	
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9	06	05	31	26	30	32	26	30	29	37	30	34	30	34	31	37	30	46	29	52	27	55	
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9	09																						

Results of Upper Wind Observations,
MACQUARIE 1962

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					
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9	14	17	27	17	27	29	26	25	25	34	26	33	25	33	25	31	25	39	25	48	24	47	24	43	
9	14	23	32	12	30	31	26	35	27	37	27	35	26	28	28	32	25	35	25	38	25	47	25	55	
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9	15	11	31	17	29	30	27	34	26	30	28	46	27	48	28	53	28	61	28	75	27	83			
9	15	17	30	12	27	28	27	35	27	30	27	38	27	51	27	60	27	61	27	78	27	95	27	108	
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9	16	17	31	12	30	27	28	29	29	31	29	26	29	34	29	35	28	44	27	70	27	70			
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9	19	05	29	26	28	34	27	38	27	45	26	46	27	48	27	55	26	75	31	89					
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9	22	17	20	08	00	00	00	00	22	17	24	20	25	32	27	46	26	59	28	62	27	65			
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9	28	11	00</td																						

Results of Upper Wind Observations,
MACQUARIE 1962

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	$\times 10$	kt																			
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Results of Upper Wind Observations,
MACQUARIE 1962

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	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt							
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Results of Upper Wind Observations,
MACQUARIE 1962

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				
				$\times 10$	kt	$\times 10$	kt																			
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11	23	17	28 14	27	19	25	24	26	24	27	24	25	23	27	25	28	26	30	27	37	29	40	33	42		
11	23	23	31 12	32	23	31	23	30	22	31	23	30	21	31	21	32	22	31	21	31	21	31	27	31		
11	24	05	33 10	00	00	33	18	33	26	31	18	32	23	32	28	33	32	38	33	43	34	50	33	55		
11	24	11	31 04	30	10	31	14	31	14	32	18	35	20	30	27	34	31	41	32	55	31	62	31	62		
11	24	17	00 00	00	00	00	00	29	09	31	13	15	22	16	21	21	20	32	21	55	21	55	23	51		
11	24	23	29 05	00	00	29	07	07	31	09	33	11	34	15	32	11	31	11	31	11	31	11	31	27	31	
11	25	05	31 07	00	00	29	13	29	13	29	13	11	31	07	21	10	20	23	21	55	21	55	23	52		
11	25	11	29 07	30	20	31	19	31	17	31	06	26	11	23	23	22	40	23	53	23	59	23	61	24	61	
11	25	17	34 12	33	32	33	22	33	26	32	22	33	25	33	20	31	20	28	20	30	20	39	20	41	22	41
11	25	23	36 21	36	22	32	01	41	01	45	36	46	01	35	32	36	32	36	33	35	39	34	46	34	46	
11	26	05	34 17	33	27	33	33	33	35	34	35	34	34	39	35	39	31	42	03	51	01	48	36	42		
11	26	11	34 24	34	35	34	47	33	50	34	48	34	47	34	58	34	36	33	37	35	35	31	35	32	35	23
11	26	17	34 30	32	39	34	78	33	54	33	47	33	45	35	39	34	52	32	28	33	25	34	24	24	22	
11	26	23	33 23	31	37	30	32	30	34	32	31	32	31	31	34	31	40	31	42	32	39	32	35	35	22	
11	27	05	31 26	30	40	30	43	29	41	29	41	29	36	29	40	29	40	29	40	29	47	29	50	29	50	
11	27	11	29 28	27	35	27	37	27	40	27	40	27	41	27	41	27	42	27	43	27	43	27	47	27	57	
11	27	17	30 30	27	42	27	51	26	45	26	46	26	53	26	53	26	57	26	57	26	57	26	57	26	57	
11	27	23	27 23	26	37	26	40	25	45	25	46	25	46	25	46	25	47	25	50	25	50	25	50	25	50	
11	28	05	29 20	28	31	23	16	23	18	23	26	22	34	21	41	21	46	21	56	21	70	22	71			
11	28	11	27 01	28	04	29	05	26	17	25	22	23	23	24	30	23	50	23	74	21	81	23	117			
11	28	17	34 10	34	23	32	22	30	20	30	27	28	25	26	28	26	35	24	52	24	72	24	70			
11	29	03	36 11	00	00	34	39	35	28	30	43	28	49	28	55	28	44	28	43	27	61	26	71			
12	01	05	35 30	34	41	32	57	30	45	31	56	30	57	30	63	29	78	29	79	29	83					
12	01	11	32 18	31	26	30	37	29	49	34	30	43	30	40	30	60	29	85	30	96	30	96				
12	01	17	29 14	28	26	28	30	29	37	29	46	29	47	30	47	30	78	30	118	30	32					
12	01	23	31 17	30	25	28	33	29	36	29	42	29	47	30	58											

Results of Upper Wind Observations,
MACQUARIE 1962

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	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt										
12	07	05	29 23	27	42	25 56	25	56	25	55	24	41	25	63	25	79	25	89	25	108						
12	07	11	27 24	26	38	24 41	23	59	25	46	25	51	25	64	25	70	24	77	24	86						
12	07	17	28 17	27	28	26 30	25	32	26	34	25	40	25	58	25	69	25	88	25	76	24	78				
12	07	23	31 18	28	31	27 28	27	32	26	40	26	40	26	52	25	66	25	69	25	70	24	66				
12	08	05	30 20	29	29	29 33	30	34	29	39	27	40	27	50	26	56	26	61	26	58	26	59				
12	08	11	31 18	30	29	29 32	30	35	29	37	29	40	28	40	29	53	29	56	28	54	26	59				
12	08	17	33 19	32	40	31 45	31	35	31	43	30	44	31	57	30	47	30	56	30	58	30	56				
12	08	23	33 23	31	50	32 44	32	44	31	50	31	56	31	63	31	57	30	61	30	69	30	81				
12	09	05	35 26	32	42	30 44	32	51	31	53	31	65	31	65	30	66										
12	09	11	31 07	28	18	29 28	31	33	31	44	29	51	30	60	30	58	31	46	31	58	31	70				
12	09	17	30 02				32	16	32	27	32	67	31	63	32	51	31	53	32	57	32	59				
12	10	05	17 12			01 11	34	19	33	24	33	31	32	35	33	48	33	53	33	50	34	49				
12	10	11	28 09	26	16	27 19	30	25	30	27	31	34	32	42	31	43	30	55	29	59	31	62				
12	10	17	36 13	33	20	32 29	31	29	30	29	30	32	31	60	32	60	32	61	31	63	31	64				
12	10	23	34 14			32 27	31	26	32	26	32	28	32	54	32	69	31	72	31	75	32	75				
12	11	05	32 15				32	29	32	26	32	34	31	46	32	57	32	74								
12	11	11	34 25			35 42	34	31	33	33	34	40	32	66												
12	11	17	35 18			34 45	34	47	34	36	32	73	32	58												
12	12	05																								
12	12	11	17 08			16 26	29	17	30	20	32	35														
12	12	17	18 18																							
12	13	05	34 09	31	22		30	30	33	35	35	42	35	46	35	104										
12	13	11	31 10				32	32	32	30			35	45												
12	13	17	33 10																							
12	13	23	28 10																							
12	14	05	27 10			24 20	23	10	22	12	21	19	22	15	22	20	32	27	33	46	35	33				
12	14	11	27 09				23	22	23	23	30		22	26	24	45	25	63								
12	14	17	29 11	30	22	29 37	26	30	25	31	24	28	22	44												
12	14	23	33 20																							
12	15	05																								
12	15	11																								
12	15	17	00 00	30	04	31 09	3	16	29	21	28	29					26	43	25	53						
12	16	05																								
12	16	11	00 00	29	04																					
12	16	17																								
12	17	05																								
12	17	11	29 12			31 25	32	32	31	32	31	32	30	35	30	38	30	57	29	40	30	43				
12	17	17															31	42	30	50	30	62				
12	17	23																								
12	18	05	33 16	30	25	30 30	29	28	29	32	30	32	29	30	28	40	28	36	28	39	27	45				
12	18	11	34 09	32	26	34 24	31	34	29	27	35	29	33	25	30	53	32	97	35	52	32	73				
12	18	17	32 17	31	24		31	37	32	39	31	42	30	54	33	58	32	97								
12	18	23	33 17			31 32	30	32	30	38	30	55	33	59	32	63										
12	19	05	32 10	31	18	30 24	30	26	30	25	29	22	28	35	28	38	26	60								
12	19	11	36 25			31 18	30	24	30	26	32	45	32	45	32	71	32	65	31	70	31	92				
12	19	17	31 20				30	28	31	28	31	39	31	63	32	62										
12	19	23	33 16			30 32	30	31	30	28	32	26	32	30	31	40	33	96								
12	20	05	32 23	30	32	30 31	30	35	30	35	30	38	30	39	32	62	32	37	32	49						
12	20	11	27 19				27	40	27	36	28	36	28	38	28	38	28	31	28	35	28	34				
12	20	17	27 30	26	31	26 29																				
12	20	23	33 14			26 36																				
12	21	05	31 22	33	35	32 31																				
12	21	11	31 26			25 21	24	31	24	34	29	45	28	48	28	48	28	82								
12	21	17	27 50				25	21	24	31	24	34	29	45	28	48	28	48	30	47						
12	21	23	25 13			23 36																				
12	22	05	27 17	25	41	23 23	23	57	32	17	32	44	23	57	23	69	31	98	32	55	30	71	31	93		
12	22	11	27 12	25	41	23 23	27	22	27	35	27	42	27	57	27	69	31	98	32	55	30	71	31	93		
12	22	17	32 18	33	22	32 26																				
12	22	23	33 28	34	41	31 48	33	53	32 48	31 57	32 48	31 57	32 48	31 57	32 48	31 57	32 48	31 57	32 48	31 57	32 48	31 57	32 48			
12	23	05	33 28	34 41	31 48	33 53	27	17	31	32	36	32	36	32	36	32	36	32	36	32	36	32	36	32		
12	23	11	32 19	25	32	22 49	22	46	22	52	22	55	22	77	22	82	22	82								
12	24	05	27 16	29	25	28 30	29	30	30	35	31	30	30	35	31	30	30	35	31	48	32	65	32	64	31	54
12	24	11	27 16	27	22	27 22	27	35	27	32	28	39	28	39	29	51	31	49	32	65	32	64	30	70		
12	24	17	28 17	27	31	26 30	26	30	26	30	26	27	26	27	26	27	26	30	20	41	20	46	23	55		
12	24	23	27 10	28	27	28 31	28	31	28	34	28	36	28	40	28	42	28	42	28	42	28					

Results of Upper Wind Observations,
MACQUARIE
1962

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	$\times 10$ kt																					
12	29	05	33	24	27	34	27	36	27	37	27	44	28	57	28	36	28	75	27	88	26	66			
12	29	11	28	20	28	31	28	43	27	37	27	49	27	57	27	62	27	90	27	110					
12	29	17	29	17	26	30	27	49	28	38	28	39	27	52	27	73	27	90							
12	29	23	27	19	27	42	26	34	27	50	27	57	26	55	26	70	29	26							
12	30	05	27	26	26	42	26	43	26	38	26	35	26	52	25	76	26	93							
12	30	11	27	20	26	21			26	40	25	44	25	52	25	70	25	88	25	69					
12	30	17	26	13			25	25	27	25	26	28	25	46	25	55	25	68							
12	30	23	33	07	29	13			27	28	25	39	26	55	26	60	26	70	25	77	26	92			
12	31	05	34	09	36	20	35	22	31	22	30	25	29	32	27	45	28	52	27	58					
12	31	11	36	08					33	44	32	46	31	41											
12	31	17	32	14					31	29	31	40	31	44	31	42	29	45							
12	31	23																							

Results of Upper Wind Observations,
MACQUARIE 1962

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	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt
1	03	23	32 49	30 42	30 41	31 37							
1	04	11	29 39										
1	04	17	26 36	27 35	26 32								
1	05	11	27 50										
1	05	17	26 50										
1	05	23	26 47	27 52	27 50								
1	07	05	27 78										
1	10	23	31 84	30 59	30 52	29 47	30 23						
1	11	05	31 77										
1	11	11	32 65										
1	11	23	30 54	31 45	32 50								
1	12	23	27 63	27 65	29 45	27 38	28 36						
1	13	11	27 56										
1	14	11	27 60										
1	14	23	31 43	31 45	29 39	29 27							
1	15	05	30 51										
1	16	17	25 70	25 68	24 78								
1	16	23	28 63										
1	17	23	31 81										
1	19	11	25 74										
1	20	23	33 75										
1	21	05	33 56	33 42									
1	21	11	33 66	34 50	32 33	34 25							
1	21	17	32 37	33 39									
1	21	23	29 28	30 23	31 24	33 27	32 17						
1	22	05	27 50	27 50									
1	22	11	26 41										
1	22	17	25 48										
1	22	23	24 54	25 44									
1	23	23	25 69	26 51	26 43								
1	24	05	27 62	28 50									
1	25	23	32 57	30 51	31 48	33 31	31 25						
1	26	05	29 47	31 45	29 43								
1	26	11	27 14										
1	26	17	26 31	26 33	26 26								
1	26	23	20 21	27 16	27 20	26 15	29 20						
1	27	05	22 13	30 19	27 16								
1	27	17	31 07	29 15	30 16								
1	27	23	31 14	31 16	32 18	30 16	33 10						
1	28	05	30 29										
1	28	23	28 35	28 35	29 38	28 25	32 20						
1	29	05	25 24	27 35									
1	29	11	25 42	27 35	28 38								
1	29	17	24 47										
1	29	23	28 56	29 46	28 36	29 27	29 31						
1	30	05	28 66										
1	30	23	31 60	31 45	30 45	30 50	32 25						
2	02	23	34 56	33 46	35 40	35 39							
2	03	05	34 46	34 37									
2	03	17	31 39	32 38	31 35	31 32							
2	03	23	31 39	31 40	31 31	31 20							
2	04	05	31 33	30 35									
2	04	11	26 32	27 25									
2	04	17	23 38	24 34									
2	04	23	22 62	22 55	22 62	22 24	27 15						
2	05	11	25 76										
2	05	17	25 52	24 63									
2	05	23	26 47	25 51	25 34	23 25	22 22						
2	06	05	26 49	26 38									
2	06	11	25 46	26 26									
2	06	17	26 48	26 32									
2	06	23	29 55	28 63	28 22								
2	07	05	28 58										
2	07	11	30 54	30 50	33 18								
2	07	17	29 44	30 40									
2	07	23	30 26	29 25	28 23	29 16							
2	08	05	28 33	27 22									
2	08	11	26 24	27 20	26 27	26 27							
2	08	17	26 29										
2	08	23	25 20	26 16	25 15	26 08	28 07						
2	09	11	25 29	27 17									
2	09	17	26 31	26 20									
2	09	23	27 28	28 20	28 11	28 13	32 08						
2	10	05	29 37	28 27									
2	10	11	29 35	29 27									
2	10	17	30 56	31 25	30 52								
2	10	23	31 33	31 30	26 22	31 16	33 16						
2	11	05	32 35										
2	11	11	32 42	32 29	31 25	31 22							
2	11	17	31 38	31 31									
2	11	23	31 31	31 25									

Results of Upper Wind Observations,
MACQUARIE 1962

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	$\times 10$	kt																						
2	12	05	29	31	29	28	29	24																			
2	12	11	26	39	24	48	25	42																			
2	12	17	23	83	24	48	25	42																			
2	12	23	25	50	26	30																					
2	13	05	26	62	28	40	26	26																			
2	13	11	27	70	28	44	26	24	30	22																	
2	13	17	29	69	31	47	28	30																			
2	13	23	33	74	30	35	30	36	30	27	36	27															
2	14	11	32	65	32	40																					
2	14	17	30	58	31	30	30	30	32	15																	
2	14	23	30	41	29	29	30	15	31	15																	
2	15	05	29	34	29	25	28	16																			
2	15	11	29	47	28	27	28	22	26	20																	
2	15	17	26	37	27	25	27	29																			
2	15	23	29	55	26	36	26	28	26	25																	
2	16	05	23	56	23	41																					
2	16	11	22	62	22	46	22	22																			
2	16	17	21	97																							
2	16	23	21	77	22	47	23	44	23	24	23	13															
2	17	23	24	100																							
2	18	11	24	60																							
2	18	23	27	50	28	51																					
2	19	05	27	70	27	70																					
2	19	17	29	70																							
2	19	23	28	53	28	40	28	41	26	31																	
2	20	05	27	55																							
2	20	11	27	54																							
2	20	23	29	63	27	56	27	43	26	32	28	24															
2	21	05	31	51	27	52																					
2	21	11	31	60	30	54	28	45																			
2	21	23	33	61	31	62	30	41																			
2	22	05	32	58	32	56																					
2	22	23	34	66																							
2	23	05	32	54	35	50																					
2	23	23	29	49	25	68	27	30	28	36																	
2	24	05	29	45	29	64																					
2	24	11	27	42																							
2	24	17	27	42	29	37																					
2	24	23	33	57	32	46																					
2	25	05	31	55	31	43	35	41																			
2	26	05	30	46	30	46																					
2	26	11	27	48	28	48																					
2	28	11	28	95																							
2	28	23	29	81																							
3	01	11	33	103	24	84	35	55	52	54	65																
3	03	17	34	49	35	45	33	55	52	54	54																
3	03	23	32	39	32	40	33	36	34	34	34																
3	04	17	30	45																							
3	04	23	29	58	30	46	29	40	32	42																	
3	05	17	31	57	31	44	31	34	31	35																	
3	05	23	29	52	29	52	29	45	26	46																	
3	06	23	32	66	31	51	31	44																			
3	07	05	32	42	30	37	32	29	31	24	24																
3	07	11	30	30	29	27	31	21																			
3	07	17	25	31	26	15	26	15	26	15	26																
3	07	23	20	49	21	17	24	09	27	14																	
3	08	05	20	44	22	21	27	08																			
3	08	11	22	49																							
3	08	17	24	35	29	14	31	13	27	09																	
3	08	23	25	33	30	24	31	23	32	17	33																
3	09	05	29	30	33	33	29	31	33																		
3	09	11	35	32	35	33	32	25	34	20																	
3	09	17	35	40	34	38	34	30	34	30	32																
3	09	23	34	44	34	30	34	30	32	29	32																
3	10	05	36	50	33	29	32	20	32	14	34																
3	10	11	33	37	35	19	32	23																			
3	10	17	34	18	34	22	34	14																			
3	10	23	35	06																							
3	11	11	27	40	29	18	30	14																			
3	11	17	27	29	29	23	30	20																			
3	11	23	30	35	30	35	30	30	32	30																	
3	12	23	34	52	33	46																					
3	14	05	23	71																							
3	14	23	25																								

Results of Upper Wind Observations,
MACQUARIE
1962

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	=x10 kt	=x10 kt	=x10 kt	=x10 kt	=x10 kt	=x10 kt	=x10 kt	=x10 kt	=x10 kt	=x10 kt	=x10 kt
3	19	05	30 50										
3	19	17	29 33	27 40	28 33								
3	19	23	24 30	24 40	26 31	26 30	27 24						
3	20	05	25 51	25 40									
3	21	05	24 46										
3	21	11	28 50	27 41									
3	22	23	26 43	29 36	29 35								
3	25	11	28 61										
3	25	23	25 68										
3	26	05	25 77										
3	26	11	29 116										
3	26	17	29 53	26 50									
3	26	23	28 60	25 64									
3	27	05	25 63										
3	29	23	30 61	29 56	30 47	31 47	33 33						
3	30	05	32 58	31 50									
3	30	23	30 58										
3	31	05	30 57										
4	01	23	28 45	28 48	29 50	30 34	30 33						
4	02	05	26 66										
4	04	17	32 26	30 25									
4	04	23	18 04	28 07	27 13	28 18	30 16						
4	05	05	20 17	22 10	27 15								
4	05	13	17 40	24 24									
4	05	23	20 40	22 32	24 20	24 20	25 23						
4	06	05	22 45	23 32									
4	06	17	27 32	25 40									
4	07	23	29 51	27 50	29 43	30 44							
4	08	05	27 40	25 45	27 42								
4	08	11	25 41	26 36	26 49								
4	08	17	22 46	26 42	24 40								
4	09	11	24 54										
4	09	17	24 52										
4	11	05	28 80										
4	11	11	27 68										
4	12	05	28 51										
4	12	23	28 45	27 36	27 50	27 42	28 46						
4	13	05	29 39	28 39									
4	13	11	28 37	28 30									
4	13	17	28 40	27 35	28 34								
4	13	23	26 37	25 40									
4	15	17	23 64	24 58									
4	15	23	23 64	23 55	25 47								
4	17	17	28 65	26 78									
4	17	23	23 70										
4	18	05	25 61										
4	25	23	28 67	28 63									
4	29	11	27 70										
4	30	23	28 44										
5	01	05	26 29	27 39									
5	01	23	25 31	28 37	29 44	29 44							
5	02	05	31 34	28 29									
5	02	11	31 34	30 45	30 38								
5	02	17	31 48										
5	06	23	27 40	27 45									
5	07	23	29 46	29 43	29 52	28 40	29 44						
5	08	05	29 44	29 46	28 39								
5	08	11	29 43										
5	08	17	27 34	28 39									
5	08	23	26 38	26 40	26 34	27 38	28 43						
5	18	23	32 56	32 53	31 61	32 65							
5	19	11	29 44	31 43									
5	19	17	26 40	30 43	28 42								
5	19	23	23 30	28 60	30 21								
5	20	05	25 35	27 39									
5	20	11	26 45	26 40									
5	20	17	30 51										
5	20	23	30 40	28 32									
5	21	17	30 38										
5	21	23	28 46	29 36									
5	22	11	28 36	28 38	27 39								
5	22	17	28 26	28 38									
5	22	23	28 27	28 25	27 28	28 33	29 43						
5	23	05	27 56	29 30									
5	23	11	28 13	29 30									
5	23	17	30 20	30 23	30 33	29 35							
5	23	23	32 31	32 30	30 30	30 31							
5	24	23	31 30	29 30	29 30	30 31							
5	25	05	30 26	30 27	29 28	29 30							
5	25	11	30 23	30 26									
5	25	17	31 28	30 33									
5	25	23	29 26	29 33	28 34	28 36							

Results of Upper Wind Observations,
MACQUARIE 1962

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	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt
5	26	05	29 31	29 35	28 37	28 34							
5	26	11	29 27	28 37	27 40	27 45	26 46	27 54	27 55				
5	26	23	26 37	27 38	27 40	27 45							
5	27	23	26 41	26 43	27 45								
5	28	05	26 46										
5	28	11	25 47										
5	28	17	25 42										
5	28	23	25 40	24 49	25 51								
5	29	05	24 38	24 47									
5	29	11	25 38	26 54	26 48								
5	29	17	26 34	26 46									
5	29	23	27 41	26 48	26 61	26 59							
5	30	05	28 42	27 54									
5	30	11	29 52	27 48									
5	30	17	29 54	29 58	28 63								
5	31	05	29 61										
5	31	11	28 64	27 60									
5	31	17	29 41	28 49	27 51	27 42	27 45	27 55					
5	31	23	28 33	27 34	27 45	27 46	27 55						
6	01	05	27 28	27 36	27 33								
6	01	11	28 22	27 33									
6	01	17	28 26	28 29	28 40	29 39							
6	01	23	29 27	29 32	28 37	28 37	28 35						
6	02	05	30 30	28 36									
6	02	11	31 32	29 33									
6	02	17	31 27	30 35	29 35	29 30							
6	02	23	31 21	29 27	29 29	29 34	27 37						
6	03	05	31 21	31 25	30 32								
6	03	11	32 19	29 24	29 27								
6	03	17	32 21	30 22	31 28	29 30	29 33						
6	03	23	36 09	32 22	30 29								
6	04	05	35 11										
6	04	11	20 09										
6	04	17	34 12	32 19	30 28								
6	04	23	01 12	32 20	31 25	30 32	30 40						
6	05	05	06 14	32 18	32 28								
6	05	23	31 21	31 25	30 31	31 35	30 48						
6	06	05	31 21										
6	06	17	33 28	32 32	32 39								
6	06	23	34 26	32 25	30 30	31 29							
6	07	05	32 20										
6	07	11	30 20	31 15	30 23								
6	07	17	31 18	31 25	30 22								
6	07	23	31 20	29 24	29 26	29 37	30 30						
6	08	23	33 30	31 32	29 31	31 30	29 40						
6	09	11	32 35										
6	09	17	33 34										
6	09	23	31 34	30 35	30 29	28 32							
6	10	05	30 33	30 35	27 34								
6	10	11	29 32	28 35	29 37	29 62							
6	10	17	28 30	27 23	27 41								
6	10	23	25 40	26 40	26 38	26 45	25 47						
6	11	05	25 41	25 41	26 45								
6	11	11	22 40										
6	11	17	23 55	23 64									
6	11	23	22 51	24 37									
6	12	05	25 42	23 37	24 37								
6	12	11	23 43	23 44	26 41	26 37							
6	12	23	23 44	24 38	25 44								
6	13	05	22 36										
6	13	11	24 39	25 35	25 35								
6	13	17	26 34	26 38	27 42								
6	13	23	27 27	28 31	28 37	27 43							
6	14	05	30 29	30 30									
6	14	11	31 38	30 34	28 40	26 40							
6	14	17	30 59	30 72									
6	14	23	30 35	28 32	29 31	27 37	28 50						
6	15	05	29 52										
6	15	11	30 42	29 38	28 35								
6	15	17	31 39	29 50	31 53								
6	15	23	29 48	30 50	29 52								
6	16	11	32 59										
6	16	17	31 65										
6	17	11	33 52										
6	17	17	30 52	29 76									
6	17	23	26 60										
6	18	05	27 61										
6	20	23	29 65	30 71									
6	21	17	31 60										
6	21	23	30 48	29 65	28 73	28 79							

Results of Upper Wind Observations,
MACQUARIE 1962

Results of Upper Wind Observations,
MACQUARIE 1962

Results of Upper Wind Observations,
MACQUARIE 1962

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	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt
8	29	05	29 70										
8	29	23	30 64	30 75									
8	30	23	29 56	29 79									
9	02	05	24 63										
9	02	11	28 55										
9	02	17	27 64	27 65	28 80								
9	02	23	28 51	28 72	28 73	28 85							
9	03	05	28 58										
9	03	11	28 53	28 64	28 74								
9	04	11	28 58	28 63	28 56								
9	04	23	30 62										
9	05	23	29 44	28 56									
9	06	17	28 54	28 67									
9	06	23	30 58	29 70	28 74	28 78							
9	07	23	30 46										
9	08	05	28 44	27 58	28 65								
9	08	23	25 68	26 63									
9	11	17	28 73	27 78	27 83								
9	11	23	29 58	28 67	27 70	28 75							
9	12	05	30 64										
9	12	23	32 69	31 75									
9	13	11	28 58	30 68									
9	13	17	25 65										
9	13	23	26 58	26 65									
9	14	11	25 54										
9	14	17	25 56										
9	14	23	25 50	26 49	27 59								
9	16	17	27 61										
9	16	23	29 63	28 65	27 59	27 56	28 43						
9	17	17	27 70										
9	19	11	27 61	28 60									
9	19	23	25 53	26 59									
9	20	11	26 46										
9	20	23	27 50	27 48	27 52	26 39	28 41						
9	22	11	26 77										
9	22	23	26 57	26 55	27 63	28 66							
9	23	11	26 66										
9	23	17	27 62										
9	23	23	28 60	28 73									
9	24	11	28 72										
9	24	23	28 48	27 49	27 55								
9	25	05	27 50	28 48									
9	25	11	27 42	28 43	28 52	28 45							
9	25	17	28 42	29 45									
9	25	23	30 41	30 42	30 45	28 50	29 51						
9	26	05	30 43	30 43	30 50	29 53							
9	26	11	31 41	31 39	30 47								
9	26	23	32 43	31 58	31 58	30 66							
9	27	05	32 44	32 56									
9	27	11	32 42	32 57	31 61								
9	27	17	31 41										
9	27	23	30 37	30 46	29 48	29 63	28 71						
9	28	05	30 34	29 56	28 49								
9	28	11	29 35	29 35	27 40								
9	28	17	30 36	28 39	28 38								
9	28	23	30 36	29 40	29 40	28 52							
9	29	05	29 37	28 40	28 50								
9	29	11	30 40	28 39	28 41	28 48	27 55						
9	29	17	32 33	29 41	28 49								
9	29	23	33 32	30 31	29 41	27 56							
9	30	05	32 24	30 40									
9	30	11	32 26	31 34	28 49	28 48	27 53						
9	30	17	32 29										
9	30	23	31 43	31 47	29 59	28 47	27 45						
0	01	05	30 42	30 50	28 42								
0	01	11	30 40	29 48									
0	01	17	29 37										
0	01	23	29 39	28 41	28 49	27 49							
0	02	05	28 45	29 46									
0	02	11	28 44	28 51	28 46	28 56							
0	02	17	28 40	28 60	28 60								
0	02	23	27 44	27 60	29 54	28 46							
0	03	05	26 51	27 60	28 67								
0	03	11	26 59	27 52	27 70								
0	03	17	26 36										
0	03	23	27 44	28 49	28 50	27 56							
0	04	05	28 38	28 45	28 51								
0	04	11	28 29	29 46	29 49	28 46	27 48						
0	04	17	29 36	30 49	31 52	29 41							
0	04	23	31 21	31 44	30 45	30 55	29 33						

Results of Upper Wind Observations,
MACQUARIE 1962

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	*x10 kt	*x10 kt	*x10 kt																				
0	05	05	34	17	30	40	31	47																		
0	05	11	32	32	32	35	30	40	29	44	28	36														
0	05	17	04	33	05	33	28																			
0	05	23	32	33	31	38	30	41	29	35																
0	06	05	32	28	30	35	29	32	29	36																
0	06	11	31	21	31	28	30	30	30																	
0	06	23	35	17	31	21	30	22	30	28																
0	07	05	01	16	35	20	31	18																		
0	07	11	02	17	32	13	29	23	29	22																
0	07	23	31	19	31	19	28	22	29	33	30	32														
0	08	05	28	30	29	31	28	25																		
0	08	11	29	28	29	27	29	34	30	32																
0	08	17	30	31	30	35	30	38																		
0	08	23	31	37	30	37	30	48																		
0	09	05	30	60																						
0	09	11	30	42	30	57	30	57	29	61																
0	09	23	29	31	28	41	27	45	28	50	27	44														
0	10	11	27	52	27	45	26	53																		
0	13	05	27	69																						
0	13	11	27	69	27	65																				
0	13	17	27	65	28	72																				
0	13	23	26	56	27	56	27	48	26	43																
0	14	11	27	60																						
0	14	17	25	55																						
0	14	23	25	70	26	70	27	59	26	54	29	54														
0	16	23	29	85	29	90																				
0	17	11	29	68	28	66																				
0	17	17	29	57																						
0	17	23	29	54	29	55																				
0	18	11	28	45																						
0	18	17	29	42	28	50	28	42																		
0	18	23	27	45	28	53	29	49	29	52	29	57														
0	19	05	28	46																						
0	19	11	29	51	30	53	29	50																		
0	19	17	34	49																						
0	19	23	30	59	3n	65	30	67																		
0	21	05	27	49	27	45																				
0	21	11	28	48	26	45	26	44	25	36	26	33														
0	21	17	26	39	24	44																				
0	21	23	26	40	27	37	27	28			27	27														
0	22	05	28	44	29	59	27	33																		
0	22	11	29	44	28	53	27	50	27	28	28	24														
0	22	17	33	57	28	29	27	28																		
0	22	23	33	57	30	50	29	23	30	23	27	27	15													
0	23	05	34	50	31	52	31	25	27	23	27	23														
0	23	11	35	92																						
0	23	17	36	44	35	32	35	34	34	32	28	32	25													
0	24	11	32	45																						
0	24	17	34	44																						
0	24	23	34	59																						
0	25	05	34	53																						
0	25	11	31	56	32	58																				
0	25	17	31	50																						
0	26	23	31	55	30	52																				
0	27	05	30	50																						
0	27	11	29	41	29	36	29	35																		
0	27	17	29	40	30	30	28	31																		
0	27	23	29	36	28	37	29	30	29	32	31	23														
0	28	05	28	35	28	36	28	35	28	31	28	27	26													
0	28	11	28	39	28	36	28	31	28	31	28	27	26													
0	28	17	27	40	28	41	28	34	28	34	28	33	26													
0	28	23	27	48	27	40	27	44	27	44	28	33	28	26												
0	29	05	28	51																						
0	30	11	26	79	25	42																				
0	30	17	24	6n																						
0	30	23	24	53	24	51	25	40	25	35	25	35														
0	31	05	25	50	25	43	25	36	25	36	25	35	25													
0	31	11	26	34	26	38	25	35	25	35	25	35	25													
0	31	23	27	29	27	28	28	24	26	20	20	16	25	16												
11	01	11	31	30	30	22	28	30																		
11	01	17	31	32	33	33	35	32	15	29	12	27	09													
11	01	23	33	34	31	26	32	31	31	31	30	11														
11	02	11	32	36	33	27	31	31	31	31	30	11														
11	02	17	33	35	32	27	32	32	32	32	32	25														
11	02	23	33	38	32	29	35	35	35	35	35	25	32	19	32	19	32	19	32	15						
11	03	11	33	34	32	31	32	31	32	31	32	19														
11	03	17	32	33	33	31	31	34	34	34	34	26														
11	03	23	34	28	33	31	32	31	32	31	32	24	32	21	32	21	32	21								
11	04	05	33	28	33	32	32	34	34	34	34	24														
11	04	11	33	19	34	31	34	31	34	31	34	16	30	21	32</											

Results of Upper Wind Observations,
MACQUARIE 1962

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	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt
11	05	05	27	16	29	19	30	23					
11	05	11	26	14	28	24	30	21	30	19			
11	05	17	29	20	29	18	30	25	29	19			
11	05	23	31	26	30	25	30	27	31	20	31	15	
11	06	05	31	30	30	26	31	24					
11	06	11	31	32	30	30	30	26	29	33	30	22	
11	06	17	29	31	28	33	29	30					
11	06	23	28	40	28	38	28	31	30	27	29	27	
11	07	05	29	48	28	43							
11	07	11	28	47									
11	07	17	23	41									
11	07	23	24	45	25	31	25	32	25	22	28	29	
11	08	05	23	51	24	38							
11	08	11	24	42	25	36	25	38	25	21	26	23	
11	08	17	26	49									
11	10	05	24	82									
11	10	11	25	58	25	42							
11	10	17	26	69									
11	10	23	30	37	27	30	27	30					
11	11	17	32	37									
11	11	23	32	39	32	29	34	23	29	11	29	11	
11	12	05	32	37	31	28	30	25	27	07			
11	12	23	31	36	32	32	32	27					
11	13	11	32	36	32	31	33	28	33	21			
11	13	23	50	34	30	27	31	23	31	14			
11	14	05	26	33	27	23	28	21	28	15			
11	14	11	26	44	25	27	26	26					
11	14	17	26	32	25	31							
11	14	23	25	36	26	21	29	23	29	12	32	9	
11	15	05	26	34	27	31	28	18					
11	15	11	28	33	29	32	29	22	29	15	31	8	
11	15	23	28	43									
11	16	05	28	51									
11	16	11	28	39	29	43							
11	16	17	28	40									
11	16	23	28	49	30	38	30	38					
11	17	05	29	51	31	38							
11	17	23	33	42	33	42	32	28					
11	18	05	32	42	32	28	31	33	31	22			
11	18	11	51	51	31	33	30	27	30	20			
11	18	17	30	30									
11	18	23	30	31	30	28	30	29	32	23			
11	19	05	27	39									
21	17	32	43	32	39								
21	23	32	39	32	32	33	35						
22	05	33	38	33	35	33	35	33	31				
22	11	31	30	34	49	33	44		32	53			
22	17	31	34	33	36								
22	23	32	35	34	35								
23	11	33	45										
23	17	34	46	35	38	35	35						
23	23	35	39	36	37	01	31	01	27	04	25		
24	05	35	41	34	33	01	25	02	26				
24	11	34	39	36	35	36	28	04	21	36	20		
24	23	30	14	35	08	36	23	36	18	02	14		
25	05	26	18	27	13								
25	11	25	31	27	13	34	19						
25	17	30	32										
25	23	32	29	33	26	34	22	36	18				
26	05	35	35	34	26								
26	11	36	35	36	24	35	36						
26	17	33	19	36	30	34	14	36	14	34	07		
26	23	34	12	34	17	02	17	36	15				
27	05	30	17										
27	11	27	15	28	10	19	05						
27	23	55	30	26	18	26	10	29	09				
28	05	26	30										
28	11	25	35										
28	17	26	30										
29	05	26	44	26	33								
29	11	25	50	25	48								
29	17	24	37	24	36								
29	23	22	59										
30	11	21	63										
30	23	26	67	26	40								
12	02	23	29	59	30	50							
12	03	28	54										
12	03	11	28	48									
12	03	23	28	45	28	35	30	38					
12	04	11	32	64	33	85							
12	05	05	27	33	28	29	27	17					
12	05	11	25	59	26	32	29	30	24	30			
12	05	17	24	57	25	36	26	30					

Results of Upper Wind Observations,
MACQUARIE
1962

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	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt
12	06	17	24	61									
12	07	23	24	75									
12	08	05	25	62									
12	08	17	30	62									
12	09	23	32	45	32	33	32	25	32	20			
12	10	05	32	48	31	45							
12	10	11	31	58									
12	13	23	32	20									
12	18	11	32	75									
12	24	11	31	50									
12	26	23	26	61									
12	27	23	25	73	26	42	26	25	27	16	28	06	
12	28	11	27	81									

Results of Upper Wind Observations,
MAWSON 1962

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					
				°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt				
1	01	06	11 25	12 27	09 21	08 11	11 10	14 04	15 07	27 08	24 04	26 18	27 30	28 36	29 23	26 18	27 30	28 35	29 25	26 18	27 30	28 35	29 25		
1	01	12	09 12	10 13	10 11	14 05	15 05	20 05	25 16	26 15	28 15	28 22	28 29	29 35	29 25	26 15	27 20	29 31	30 25	26 15	27 20	29 31	29 25		
1	02	06	09 03	12 04	03 04	16 05	31 01	27 14	28 20	29 27	30 20	29 27	30 35	31 47	30 39	26 15	27 20	29 31	30 27	26 15	27 20	29 31	30 27		
1	02	12	06 06	07 04	11 03	33 03	27 08	30 13	30 15	30 28	30 30	30 39	30 30	30 37	30 30	26 15	27 20	29 31	30 27	26 15	27 20	29 31	30 27		
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Results of Upper Wind Observations,
MAWSON 1962

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 1962

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 1962

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	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt									
3	26	06	15 24	14 45	09	09	06	09																			
3	26	12	14 15	14 31	14 05	15 01																					
3	26	00	15 32	15 45	07	14	11	09	10	02	25	13	26	15	27	18	27	13	27	20							
3	27	06	14 10	13 18	19	02	17	08	22	15	21	20	22	20	22	33	23	50									
3	27	12	13 03	22 06	23	03	12	09	23	12	22	10	22	28	22	47	22	56									
3	27	00	14 17	14 20	13	02	24	14	25	19	26	33															
3	28	06	12 25	13 36	14 09	18	13	19	14	23	37	24	38	24	43												
3	28	12	00 00	22 07	16	06	17	16	19	31	23	31	23	37	23	39	23	51	23	24	24	26					
3	28	00	13 16	12 21	31	05	20	04	23	08	25	22															
3	29	06	04 05	01 08	16	16	15	14	18	15	24	26															
3	29	12	26 17	26 20	23	03	17	34	16	57	20	35	23	55													
3	29	00	20 04	20 14	20	09	20	13	23	19	23	33	23	35													
3	30	06	15 33	15 41	11	31	11	22																			
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3	31	06	15 16	13 29	08	12	10	17	15	19	17	16	21	36	22	59	23	75									
3	31	12	13 27	13 22	06	03	18	08	19	13	23	18	23	26	24	42											
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4	01	06	10 20	16 32	15	11	11	30	13	33	23	37	24	24													
4	01	12	08 17	08 23	12	27	12	18	12	37	13	21	25	15	27	38	27	19	24	11	30	17					
4	01	24	10 17	11 28	10	30	11	28	11	22	11	12	27	12	27	18	27	19	24	11	30	17					
4	02	06	10 18	08 22	10	20	12	22	16	22	11	16	22	17	27	22	27	21	27	25	27	22					
4	02	12	12 15	14 22	10	22	17	12	21	05	24	07	25	16	28	31	27	38	27	44	26	31					
4	03	06	12 31	14 31	11	08	18	14	26	19	28	29	29	48													
4	03	12	13 29	13 40	09	27	11	11																			
4	03	00	13 24	13 24	14	04	22	08	23	07	25	25															
4	04	06	13 34																								
4	04	12	13 44	14 62	10	25																					
4	04	01	14 31																								
4	05	06	12 50																								
4	05	12	13 34	15 74	10	42	07	24	09	24																	
4	05	00	11 29	12 60	11	49	09	46	10	36																	
4	06	06	15 40	14 49	10	27	10	27	09	22																	
4	06	12	13 36	14 37	09	27	09	19	10	06																	
4	06	01	13 45	15 54	15	58	09	89	11	10																	
4	07	06	13 29	12 33	09	11	13	05																			
4	07	12	13 23	12 22	11	04	15	06																			
4	07	00	13 40	14 79	08	22	05	16	23	09																	
4	08	06	12 18	12 19	36	03	15	09																			
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4	08	00	12 26	10 31	05	09	03	06	10	10	10	17	06	06													
4	09	06	13 25	12 20	06	09	07	06																			
4	09	12	12 22	11 36	09	41																					
4	09	00	12 16	11 24	13 03	30	02	28	02	01	03																
4	10	06	12 15	15 40	09	21	09	25	13	10	11	22															
4	10	12	11 25	13 30	15	04	30	04																			
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4	11	06	14 15	14 13	32	05	11	12	11	25	09	24	11	24	13	36											
4	11	12	12 14	24 31	05	05																					
4	11	00	13 19	19 14	28	15																					
4	12	06	14 08	13 11	04	07	30	13																			
4	12	12	12 13	11 08	35	02																					
4	12	00	14 13	13 24	07	07	30	12																			
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4	14	06	00 00	17 01	11	02	15	04	21	15	19	21	19	20	21	23	25	27	27	27	26	27	33				
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4	14	00	16 18	15 13	16	12	21	07	25	23	28	23	27	42													
4	15	06	09 11	10 23	09	26	12	03	12	03	13	08															
4	15	12	36 16	12 16	11	22	14	27																			
4	15	00	18 03																								
4	19	06	00 00	06 04	17 09	12 16	16	17	21	13	2																

Results of Upper Wind Observations,
MAWSON 1962

MONTH	DAY	HOUR	SURFACE	1000 FEET			3000 FEET			5000 FEET			7000 FEET			10,000 FEET			15,000 FEET			20,000 FEET			25,000 FEET			30,000 FEET					
				GMT	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt					
4	22	06	00 00	19	03	12	07	20	08	20	15	20	14	20	10	21	18	21	22	22	19	22	23	24	39	22	39	24	46				
4	22	12	00 00	23	05	14	04	18	08	20	12	20	10	20	06	23	30	23	34	23	34	23	34	24	38	24	38	24	46				
4	22	00	19 05	18	09	21	06	24	12	23	10	23	07	26	06	25	11	25	21	25	21	25	21	25	21	25	21	25	21	25			
4	23	06	13 29	12	25	02	01	13	13	22	12	26	17	25	33	25	11	25	53	25	71	25	71	25	71	25	71	25	71	25	71		
4	23	12	11 27	12	39	13	16	11	17	12	05	26	10	28	30																		
4	23	01	13 17	13	17	15	18																										
4	24	06	15 15	19	06	28	03	24	09	24	18	22	25	24	37																		
4	24	12	12 10	06	05	25	12	18	09	22	20	23	36	25	42																		
4	24	00	13 04	16	06	10	05	14	09	23	17	22	21	27	32																		
4	25	06	36 04	06	06	09	31	10	21																								
4	25	12	12 26	12	41	10	28																										
4	26	00	12 03	12	16	11	21	10	34	33	34	32	28																				
4	26	06	12 36	12	63	08	30	11	20																								
4	26	12	08 11																														
4	26	00																															
4	27	06	12 23	11	31	10	15	13	16	11	11	12	11	14	09	23	07	24	11	23	23	23	23	27	31								
4	27	12	13 13	12	19	10	09	12	13	18	15	11	04	24	05	27	17	26	23	27	27	27	27	27	27	27	27	27	27	27			
4	27	00	13 14	11	24	12	22	11	17	12	14	08	05	15	07																		
4	28	06	13 29	13	32	09	27	09	26	10	35	09	28	28	28																		
4	28	12	13 44																														
4	28	00	11 17	12	31	08	22	12	16	11	11	12	11	14	09	23	07	24	11	23	23	23	23	27	31								
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5	01	12	16 10	15	06	28	11	28	19																								
5	01	24	15 07	18	05	25	05	25	23	26	38	25	45																				
5	02	06	13 13	14	06	09	09	20	13	27	28	27	40																				
5	02	12	00 00																														
5	03	06	13 02	11	04	11	15	11	20	19	08	28	25	25	45																		
5	03	12	05 01	12	02	10	09	11	21	22	33	25	37																				
5	04	06	20 05	26	01	10	25	12	34	12	14	09	08	08	08	08	08	08	08	08	08	08	08	08	08	08	08	08	08	08			
5	04	12	00 00	21	06	12	21	13	25	11	29																						
5	04	00	00 00	11	03	11	20	09	10	01	04	29	17																				
5	05	06	15 06	13	18	13	20	14	19	12	17	15	18	20	17																		
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5	06	10 13	12	20	09	27	12	07	18	08	23	14	22	15	22	15	22	15	22	15	22	15	22	15	22	15	22	15	22	15			
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5	08	06	16 27	13	24	09	04	12	05	15	07	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27			
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5	09	01	15 27	14	35	11	12	14	15	26	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22			
5	10	06	14 26	15	49	15	08	14	26	15	26	15	18	18	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19			
5	10	12	15 31</td																														

Results of Upper Wind Observations,
MAWSON 1962

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		°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt
5	20	06	12	24	11	21	07	10	11	16	14	16	24	15	28	17	34	22						
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5	20	00	16	07	18	10	10	11	14	12	12	13	12	26	11	30	15	31	17	31	28			
5	21	06	15	26	15	28	08	16	13	08	15	16	15	03										
5	21	12	14	28	15	32	08	10	10	09	19	18												
5	21	00	13	29	14	47	14	05	11	05	15	12	21	16	22	15	26	20						
5	22	06	15	21	13	17	10	04	18	08	26	04	23	22										
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5	22	00	16	27	14	26	12	07	19	09	21	07	24	27	24	24	28	09	34	14	36	15	26	42
5	23	06	13	25	14	29	04	05	20	02	25	07	27	18										
5	23	12	13	19	12	24	11	10	29	08	09	07												
5	23	00	13	25	14	26	13	14	06	02	26	18												
5	24	06	09	27																				
5	24	12	09	27																				
5	24	00	12	29	12	48	09	10	05	08	04	14	31	13										
5	25	06	12	18	12	34	09	21																
5	25	12	10	15																				
5	25	00	11	18	12	27	08	34																
5	26	06	13	35																				
5	26	12	13	26																				
5	26	00	13	29	13	43	10	17																
5	27	06	13	45	12	13	24	14	43	10	34	09	30	13	10	10	31							
5	27	12	13	24	11	35	09	47	09	36														
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5	28	12	13	18	14	33	08	15	14	08	26	12	27	15	25	18	24	25						
5	28	00	15	22	14	20	02	14	06	07	07	35	07											
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5	30	06	15	56																				
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6	05	12	13	26	13	37	08	18	11	25	13	19	09	14	12	16	11	20	10	25				
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6	08	05	12	38																				
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6	12	00	00	17	03	18	05	14	18	15	21	16	25	18	58									
6	13	06	00	00	15	01	26	11	28	15	25	12	23	17	27	31								
6	13	12	00	00	20	07	27	14	25	13	24	17	26	20	22	25	24	40						
6	14	06	08	04																				
6	14	12	09	02																				
6	14	00	09	02																				
6	15	06	20	11	23	09																		
6	15	12	14	31																				
6	15	00	22	10	22	10	21	08	15	04	16	03	24	39	25	56	25	64						

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	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt								
6	17	06	04 05	07	04	01	04	26	04	25	45	27	36													
6	17	12	36 02	34	03	13	08	26	21	25	43	26	50													
6	17	00	13 02																							
6	18	06	05 09																							
6	18	12	05 09																							
6	18	00	03 14	09	20	09	30																			
6	19	06	13 12	13	20	12	14	16	10	21	15	25	14	23	13	14	07	09	13	08	07	29	13			
6	19	12	20 16	17	11	11	08	17	12	22	13	18	13	14	53	10	48									
6	19	00	00 00					06	05	13	07	14	02	26	21	26	30	26	11	03	05	33	14			
6	20	06	11 24	13	27	09	12	11	18																	
6	20	12	13 29	13	34	10	22	09	24																	
6	20	00	12 22	13	37	09	22	10	15	12	19	20	06	17	13	25	15	21	23	21	23	16				
6	21	06	13 30	14	35	08	12	11	17	14	16	13	29	15	31	14	33	12	28							
6	21	12	12 23	14	27	11	20	10	14																	
6	21	00	13 17	14	42	10	34	11	34	10	26															
6	22	06	12 16	14	29	18	20	10	24	13	27	12	35													
6	22	12	16 08	18	01	12	12	12	33	13	34	14	37													
6	22	00	12 27	10	26	11	25	14	16	15	13	35														
6	23	06	13 10	10	02	14	12	14	36	14	45	16	51	17	53											
6	23	12	13 29	14	32	08	16	07	18	14	13															
6	23	00	09 06	10	11	14	26	13	33	15	23	17	33	16	44	17	52									
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7	08	00	13 21	13	29	08	07	18	05	28	12															
7	09	06	15 03	16	01																					

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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7	16	06	12 14	10 09	13	06	16	06	22	04	20	06	23	11	25	18	26	21	27	24				28 34	
7	16	12	10 18	10 14	15	09	11	04	25	10	19	12	26	04	27	17	27	19	27	23					
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7	21	06	13 26	11 20	09	17																		-	
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7	22	06	00 07		10	03	17	01	35	04															
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8	05	06	13 18	13 14	13	02	13	14	16	13	19	14	24	14	27	22	28	30	39	41	30	53			
8	05	12	22 12	19 14	13	26	09</td																		

Results of Upper Wind Observations,
MAWSON 1962

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	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt							
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8	14	06	10 10	09 16	08	33	10	24																	
8	14	12	05 16	07 20	11	36	07	25	10	12															
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8	15	12	11 20	12 15	10	19																			
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9	02	12	00 00	12 07	11	12	13	19	19	15	23	19	27	43											
9	03	06	13 17	13 21	10	22	13	19	14	31	21	51</td													

Results of Upper Wind Observations,
MAWSON 1962

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	$\times 10$	kt																			
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9	23	12	09	16	09	17	09	07	16	09	27	02	25	08	26	14	27	26	27	33	27	40	26	
9	23	00	22	02	20	05	12	11	12	14	25	03	24	05	26	13	26	19	26	29	26	30		
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9	25	06	05	02	19	03	12	10	15	13	16	22	23	27	24	42	24	60	25	65	26	62		
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9	25	00	17	22	19	15	13	17	14	16	15	16	23	22	24	32								
9	26	06	13	24	14	17	12	09	13	10	19	23	19	17	21	33	21	44						
9	26	12	23	05	24	05	15	11	13	11	19	24	19	27	20	34	21	46	21	74				
9	26	00	13	54	16	21	15	05	13	12	21	17	23	22	24	30	25	31						
9	27	06	00	00	27	04	24	03	16	07	20	16	22	36										
9	27	12	00	00	25	05	13	08	25	04	25	14	23	21	26	29	25	28	26	26	26	44		
9	27	00	00	00	23	11	06	03	16	16	14	17	22	46										
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9	28	12	06	19	11	24	10	33	12	12	08	07												
9	28	00	12	25	11	33	09	12	11	11	09	09	28	10										
9	29	06	11	58	12	66																		
9	29	12	10	39																				
9	29	00	11	56																				
9	30	06	13	12	18	02	18	01	14	06	17	12	16	07	19	17	18	17	23	14	18	19	26	
9	30	12	00	00	13	02	07	03	35	03	27	06	25	13	26	21	27	25	27	30	27	46	52	
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0	01	06																						
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0	04	12	11	30	12	33	09	14	12	04														
0	04	00	13	36	12	55	08	20																

Results of Upper Wind Observations,
MAWSON 1962

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				
				°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt			
0	07	06	11 38	13	42	10	22	08	18															
0	07	12	11 35	13	42	10	22	08	18															
0	07	01	11 46	12	80	09	35	08	24															
0	08	06	00 00	07	05	10	06	05	08	06	05	08	06	05	08	06	05	08	06	05	08	07		
0	08	12	10 10	13	13	14	04	17	04	10	05	06	02											
0	08	00	13 14	13	47	08	30	04	08															
0	09	06	12 18	12	20	09	07	10	05															
0	09	12	00 00	11	03	11	05	16	12	05	02	11	06	19	10	19	11	22	16	23	18	24	21	
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0	10	06	09 12	08	06	07	05	09	06	05	03	06	05	08	03	07	06	08	22	08	23	09	29	07
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0	11	12	09 17	13	27	10	18	11	15															
0	11	00	11 26	12	28	10	10	13	12	12	10	12	07	23	07	27	05							
0	12	06	10 16	09	15	05	12	12	08	13	13													
0	12	12	00 00	23	02	23	02	16	09	16	07	21	19	21	16	22	25	22	36	23	42	23	41	
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0	13	06	11 20	10	18	08	07	07	10	04	13													
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0	15	12	12 30	14	39	08	15																	
0	15	00	11 47																					
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0	17	06	09 38																					
0	17	12	27 03	30	08																			
0	17	00	09 28																					
0	18	06	09 21	11	24	07	10																	
0	18	12	04 12	08	10	14	11	12	05															
0	18	00	11 25																					
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0	19	00	13 22	13	26	13	05	21	01	27	08	28	20	28	30	29	30	28	64	29	65	29	58	
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0	22	00	13 24	14	15	18	05	21	07	24	18	24	25	23	41	23	54	23	60	24	50			
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0	23	12	04 11	08	14	11	35	12	18	08	08	08	08											
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0	24	06	00 00	10	06	15	25	12	18	12	23	10	16	10	10	10	07	14	06					
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0	25	12	04 06	08	04	09	09	09	04	27	13	27	18	26	24	25	35	26	26	37	27	32	28	32
0	25	00	00 00	21	05	26	04	25	09	20	17	23	17	23	21									
0	26	06	12 25	13	14																			
0	26	00	12 27	14	32	02	05																	
0	27	06	11 29	10	15	11	03																	
0	27	12	02 12	07	11	12	13	16	08															
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0	29	06	11 31	13	39	10	22	08	16	21	09	11	08	08	06	06								
0	29	12	10 28	13	35	09	21	09	11	08	08	06	06											
0	29	00	11 33	12	32	09	20	11	24	10	18	09	22	07	23	05	26							
0	30	06	10 29	12	45</																			

Results of Upper Wind Observations,
MAWSON 1962

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	
				°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt	°x10	kt		
11	04	06	13 22	14	23	10	19	09	12	14	18	15	23	20	30	21	55	21	91				
11	04	12	12 34	14	31	11	21	09	10											21	70		
11	04	00	13 49	15	52	22	03	17	08	16	12	18	26	19	37	20	49	21	50				
11	05	06	09 31	11	35	10	31																
11	05	12	04 18	07	17	10	33	10	35														
11	05	00	11 38	13	27	12	46	10	42														
11	06	06	09 46	11	41	08	18																
11	06	12	08 44	10	38	09	20																
11	06	00	09 31	10	34	08	24	09	29	10	32												
11	07	05	36 03	35	06	35	14																
11	07	12	12 23	11	23	09	22																
11	07	00	09 31	11	35	09	37	08	35														
11	08	06	09 14	08	12	12	22	10	29	15	22	11	24	11	19	09	22	08	22	23	12	23 25	
11	08	12	05 11	06	08	11	24	11	28														
11	08	00	12 26	12	28	10	40	10	33	13	34	11	33										
11	09	06	13 31	12	36	10	33	09	23	10	35	09	24										
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11	09	00	13 27	12	52	09	41	10	39														
11	10	06	13 33	11	29	07	18																
11	10	12	12 27	12	30	09	23	07	10	13	09												
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11	11	06	12 27	12	29	09	17	09	14														
11	11	12	13 25	13	30	09	17	06	08														
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11	12	22	03 03	19	02	10	11	15	04	25	09	25	04	29	05	27	06	05	10	25	12	26 22	
11	12	00	16 22	17	10	24	05	24	10	26	08	24	16	20	04	20	02	10	07	15	03	26 06	
11	13	06	11 16	11	15	10	17	12	12	17	14	25	07	25	19	26	31	25	37	26	68	26 72	
11	13	12	09 07	12	04	12	13	12	21														
11	13	00	13 29	12	19	09	13	11	13	15	08	25	10	26	15	27	18	26	20	26	37	27 46	
11	14	06	08 10	08	14	10	30	10	30	08	25												
11	14	12	12 27	11	27	10	33	05	09	26													
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11	15	00	12 34	12	07	09	48	09	41														
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11	18	12	05 04	13	06	12	15	17	17	21	09	21	07	14	07	08	10	08	19	09	27	09 28	
11	18	00	16 25	13	25	09	05	10	02	21	04												
11	19	06	13 26	12	34	13	24	17	07	12	14	11	19										
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11	19	00	13 30	13	41	09	22	10	16														
11	20	06	12 09	10	14	09	18	09	16	09	15												
11	20	12	09 04	08	05	10	09	13	06	13	09												
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11	21	06	13 22	10	10	08	07	10	06	03	06												
11	21	12	05 06	07	09	08	16	16															
11	21	00	13 30	13	32	07	08	20	07	29	04												
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11	22	12	00 00	14	08	12	15	12	12														
11	22	00	13 16	20	19	11	07	11	06	12	13												
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11	23	00	13 17	10	12	08	09	13	12	11	10	10											
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11	25	12	12 15	12	24	08	22	16	26	22	26	12	26	18	29	15	28	29	33	29	20		
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11	26	12	03 07	35	03	14	02	27	16	26	27	28	17	28	17	29	27						
11	26	00	16 20	12	15	15	36	02	27	11	28	18											
11	27	06	14 06	12	08	18	05	26	16	26	22	26	12	26	18	27	24	28	22	28	27		
11	27	12	00 00	27	01	28	05	26	16	26	22	26	12	26	25	26	43	26	64	25	72		
11	27	00	15 21	14	07	29	03	26	16	26	20	26	16	27	15	31	18	31	28	27	40		
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11	28	06	13 31	13	41	08	31	08	22	06	12	06	14										
11	28	12	14 18	13	18	12	12	12	21	11	19	12	25	13	17	15	27	17	28	18	37		
11	28	00	13 44	13	55	11	54	09	38	12	07	29	02	31	06								
11	29	06	12 47	12	48	09	39																
11	29	12	13 39	13	45	09	45	09	35														
11	29	00	13 38	09	25	04	17																
11	30	06	13 31	13	41	08	31	08	22	06	12	06	14										
11	30	12	14 26	13																			

Results of Upper Wind Observations,
MAWSON 1962

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		$\times 10$	kt																		
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12	03	06	13	39	12	52	10	53	08	40	08	37												
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12	18	00	10	10	10	18	09	23	09	22														
12	19	06	13	20	12	20	07	12	10	12	10	12												
12	19	12	08	07	08	02	10	09	11	16	09	15	09	12	05	13	07	15	03	24	03	21	04	09
12	19	00	13	19	11	21	08	11	11	09	09	15	08	15	06	14	04	07	04	18	01	09	32	06
12	20	06	13	15	12	06	17	02	14	08	15	04	16	04	06	04	04	07	04	18	01	09	32	06
12	20	00	16	25	26	07	26	05	17	02	16	11	09	01	01	11	02	16	01	10	03	01	11	11
12	21	06	11	25	13	34	09	10	10	04	05	09	11	03	07	04	12	04	23	04	23	05	03	
12	21	12	11	31	10	42	10	43	08	20	10	12	07	16	07	16	04	12	04	23	04	23	05	03
12	22	06	13	54	13	64	15	90	12	80														
12	22	00	13	53																				
12	23	06	09	31	11	32																		
12	23	00	12	26	13	29	09	22	09	25														
12	24	06	15	42	15	50	13	40	10	20	07	10	12	20	14	33	15	29						
12	24	12	14	31	15	39	13	53	12	18	17	10	17	47	16	50	16	80						
12	24	00	15	46	15	78	12	48	07	28	05	19	09	14	14	42	15	32	15	24	16	32	18	34
12	25	06	13	25	13	32	10	16	10	04	14	15	15	18	16	41	17	55	17	59	16	70	19	31
12	25	00	14	36	14	69	11	35	09	19	16	13	18	25	19	45	16	70	16	80				
12	26	06	12	17	13	26	12	11	12	05	15	07	17	14	20	15	21	24	21	34	24	33	23	23
12	26	12	27	09	26	05	11	04	22	06	24	08	23	19	24	37	24	37	25	38	24	43	24	34
12	26	00	16	26	14	42	10	17	11															

Results of Upper Wind Observations,
MAWSON 1962

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	$\times 10$	kt																			
1	01	12	29	24	28	21	28	16	28	15														
1	01	23	28	23	29	21	29	18	26	09	30	15												
1	02	06	29	27	29	30	29	27	30	23	29	18												
1	02	23	21	28	24	20	22	18	23	14	15	06												
1	03	12	31	21	32	18	31	19	33	12	32	14												
1	03	23	30	12																				
1	04	06	32	15	30	11	31	16	31	12														
1	04	12	31	14	31	18	29	12	30	13														
1	04	23	31	19	30	15	30	12	30	16														
1	05	06	33	19	32	18	32	21	32	18	32	10												
1	06	06	31	07	30	09	32	08																
1	06	12	29	11	29	08	29	10	30	09														
1	06	23	27	07	25	04	23	05																
1	07	06	31	10	31	07	30	09	30	05	30	08												
1	08	23	09	01																				
1	09	06	01	02	36	03	31	03	03	03														
1	09	12	00	00	26	03	35	02	30	05	26	01												
1	09	23	22	06	24	03	25	07																
1	11	12	26	15	26	14	28	09	29	08	32	03												
1	11	23	25	18	27	11	27	13	24	02	26	05												
1	12	06	26	17	27	14	26	09	29	07														
1	12	23	27	17	27	16	28	20	27	10	29	06												
1	13	06	28	20	27	23	27	14	27	11	27	08												
1	13	12	28	24	27	25	27	21	27	21	26	13												
1	13	23	28	26	28	19	28	25	28	19	28	16												
1	14	23	26	12	27	15	27	17	28	13	27	14												
1	15	06	25	13	27	15	27	18																
1	15	12	24	17	26	14	29	17	27	15	29	10												
1	15	23	27	12	27	09	28	13	31	09	30	17												
1	16	06	28	11	30	11	28	12	29	12	27	10												
1	16	12	28	11	28	13	28	09	29	13	30	10												
1	17	23	22	02	26	02	29	02	25	03	28	05												
1	18	06	28	07	23	03	29	06	30	04	32	05												
1	18	12	28	06	26	08	34	06	28	06	31	05												
1	18	23	28	10	31	10	29	09	28	06	27	07												
1	19	23	24	24	24	18	24	17	24	16														
1	24	12	23	43	23	46																		
1	24	23	58	24	23	22	18	02	08	22	08													
1	25	12	25	59	25	26	25	28	26	18	25	22												
1	25	23	25	22	25	19	24	18	23	09	23	12												
1	26	12	23	40	24	30	24	32	25	24	23													
1	26	23	26	54	25	40	25	35	25	28	26	12												
1	28	23	27	19	29	18	29	15	29	18	27	14												
1	29	06	28	18	27	20	30	17	28	21	30	14												
1	29	12	27	19	27	24	28	19	27	23	28	17												
1	29	23	27	09	28	15	27	18	26	17	27	20												
1	30	12	29	15	28	16	28	18	29	15														
2	01	24	26	26	26	26																		
2	04	00	24	24	24	29	28	14	25	22	23	26												
2	06	12	26	54																				
2	12	12	14	60	14	34	20	07	02	07	11	05												
2	12	00	12	23	32	02	22	09	25	04														
2	13	06	14	18	05	02	05	02	04	06	31	01												
2	13	00	12	04	17	02	20	04	15	07	14	06												
2	14	06	11	13	09	09	10	07	05	07	00	00												
2	14	00	10	07	14	06	27	05	04	05	14	04												
2	15	06	04	13	08	09	06	15	05	05	08	06												
2	20	00	23	15	24	13	19	08	22	12	25	09												
2	22	06	19	10	25	05	27	10	30	07	29	12												
2	23	12	26	02	26	02	27	04	29	10	29	15												
2	25	06	22	24	27	22	26	24	27	22	27	20												
2	25	12	25	23	27	24	29	35	28	20	28	19												
2	25	01	25	17	27	17	20	20	27	12	26	16												
2	26	00	30	42	30	32	29	27	30	20	29	20												
2	27	12	29	28	29	35	30	30	30	34	31	29												
2	28	00	31	30	30	34																		
3	03	12	28	22	30	19	31	20	31	16	31	22												
3	08	06	26	02	27	05	27	02	27	18	27	02												
3	08	12	23	26	25	26	28	23	27	25	28	16												
3	08	00	25	13																				
3	09	06	27	57	26	34	26	19																
3	09	12	25	70	26	42	29	15	27	42	26	35												
3	10	06	29	27	27	28																		
3	10	12	28	26	27	25	27	29	27	25	29	19												
3	11	06	22	28	22	30	23	21	22	24	23	21												
3	11	12	21	37</td																				

Results of Upper Wind Observations,
MAWSON 1962

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	$\times 10$	kt																				
3	16	06	31	33	31	26	31	27	30	26	27	32													
3	18	06	29	10	31	11	31	08																	
3	22	06	28	13	28	14	29	11	28	13	26	15													
3	22	12	27	17	28	19	28	16	27	19	27	15													
3	23	06	27	17	26	20	27	20	28	21	30	12													
3	23	12	25	14	27	23	26	16	27	22	29	22													
3	24	06	27	23																					
3	25	12	26	24	27	23	26	23	27	23	27	23													
3	28	12	25	32	25	38	25	49																	
4	02	06	27	29	27	26	27	23	26	29	25	26													
4	02	12	27	28	27	32	27	32	27	34	27	39													
4	13	06	27	40	26	40	27	35	27	30	26	27													
4	16	06	29	31	29	36	29	47	29	44															
4	16	12	27	38	27	44	27	40	28	44	29	49													
4	20	06	23	45	23	53	24	52	26	40															
4	22	06	23	42	24	44	24	35	25	51	25	32													
4	22	12	23	35	24	58	25	53	25	37	25	46													
4	27	06	26	33	27	33	27	30	28	25	29	27													
4	27	12	28	48	28	40	27	38	28	41	27	36													
5	09	06	27	36	27	42	26	52	26	56	26	74													
5	14	06	25	19	29	28	28	24																	
5	18	06	26	92																					
5	23	06	27	37	28	34	27	54	28	55	27	53													
5	28	06	27	62																					
6	19	06	29	25	29	36	28	77	28	49															
6	24	06	19	38	19	38	20	52																	
6	27	06	21	20	26	25	27	31	26	46	26	47													
6	28	06	21	24	23	29			21	64	22	69	23	84											
6	29	06	22	35	22	49																			
6	29	12	22	26																					
7	02	12	31	36																					
7	03	06	31	24	29	27	30	28	29	33	29	41													
7	14	06	27	31	27	43	27	51																	
7	16	06	28	56	28	62																			
7	20	06	26	35	28	35	27	38																	
7	23	06	29	31																					
7	24	06	26	20																					
7	25	06	26	31	26	24	25	26	26	37	26	38													
7	26	06	27	37																					
7	30	06	27	40	27	40																			
7	31	06	25	52	26	57																			
8	05	06	29	49	29	42																			
8	07	06	29	25																					
8	11	06	19	08	22	14	24	27	24	42															
8	11	11	22	09	24	17	25	28																	
8	12	06	36	08	28	20	27	34																	
8	16	06	35	13	30	23	28	37	27	49	28	62													
8	18	06	27	36	28	49	28	54	28	77															
8	18	11	27	40	28	47																			
8	19	06	26	42	28	42	28	45																	
8	22	06	26	43	26	42	27	40	27	52															
8	24	11	26	63	26	60																			
8	27	06	27	53	27	49	27	75	27	81															
8	27	11	27	52	27	59																			
8	28	06	28	30	26	37	27	39																	
8	28	12	26	21	26	42	26	30																	
8	31	06	23	84																					
8	31	12	23	85																					
9	05	06	29	25	30	32																			
9	05	12	30	23	29	24																			

Results of Upper Wind Observations,
MAWSON 1962

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	$\times 10$	kt																				
9	07	06	25	23	25	39	24	28	26	51															
9	08	06	22	24	23	59	24	86	24	84															
9	08	12	23	67	24	76	25	56																	
9	13	06	12	19	08	11	28	18																	
9	18	06	33	02	29	02	33	08	33	25															
9	18	12	23	03	27	04	35	07	33	11	32	19													
9	19	12	29	19	28	16	12	04																	
9	20	12	27	14	29	16	28	19	28	20															
9	21	06	21	19	21	26	21	34	21	29	23	30													
9	21	12	21	26	21	34	22	39	22	43															
9	22	06	25	29	26	35	26	37	26	42	27	51													
9	22	12	27	23	26	29	26	35	27	44	26	43													
9	23	06	26	34																					
9	23	12	26	35	26	40	26	44																	
9	24	06	26	56	25	60	25	58																	
9	24	12	26	49																					
9	30	06	26	31	27	38	28	48																	
9	30	12	27	49																					
0	03	06	28	27	29	39	29	36																	
0	03	12	30	41	29	47																			
0	03	00	29	24	29	35	30	38																	
0	04	06	31	25	31	35	31	45																	
0	05	06	30	13	33	18	28	10																	
0	05	00	34	30	29	21	31	42																	
0	06	06	28	29	28	31	28	35																	
0	06	12	28	36	29	39	29	40																	
0	06	00	27	25	28	25	33	28	35	28	48														
0	09	12	25	25	26	29	27	31	27	45	28	56													
0	10	06	29	07	31	15	30	18																	
0	10	12	30	12	29	16	27	16																	
0	10	00	27	16	29	20	28	32	28	36															
0	12	12	23	48	24	35	25	35	28	36															
0	16	06	24	35	25	44																			
0	19	00	29	63																					
0	20	06	28	48																					
0	21	06	28	37	29	38	30	38																	
0	21	12	25	44	26	45	25	45																	
0	22	06	24	67	24	47																			
0	22	12	24	74																					
0	25	06	27	31	27	39	28	40	28	51	28	57													
0	25	12	27	37	27	39	27	39	27	46	26	46													
0	28	06	29	33	29	44	29	49	52	52	29	55													
0	28	12	32	35	31	40	32	41																	
0	28	00	28	30	28	50	29	53																	
0	31	24	20	03	27	11																			
11	03	06	23	46	24	34	25	54	25	44	26	47													
11	05	12	23	20	25	19																			
11	05	00	23	40	24	45	24	41	25	41															
11	08	06	26	42	27	39	29	57	28	52	29	66													
11	12	06	27	18	29	18	30	23	31	26	33	21													
11	12	12	27	24	27	27	28	28	29	30	30														
11	12	00	30	11	29	20	31	19	31	54															
11	13	06	26	70																					
11	13	00	26	55	27	50	27	50	28	48	29	47													
11	18	06	07	39	06	47	06	49	06	43	06	44													
11	18	12	08	37	07	39	07	41	06	39	05	29													
11	23	06	20	16	21	12	21	07																	
11	24	06	20	20	20	24	21	24	23	13	26	09													
11	24	12	24	18	23	20	24	26	22	13	26	09													
11	24	00	22	16	20	09	22	06	18	08															
11	25	06	27	37																					
11	25	12	29	25	26	09	26	08	30	02	36	04													
11	27	06	29	26	28	29	12	27	12	30	11														
11	27	12	28	25	28	24	27	21	28	05	36	08													
11	30	12	20	10	36	07	07	16	05	06	05	05													
12	01	06	14	03	10	09	08	09	34	04	12	15													
12	01	12	21	10	11	08	04	04	05	13	36	07													
12	01	24	34	08	08	07	04	13	04	09	06	06													
12	02	06	33	13	35	12	02	11	03	14	07	14													
12	02	12	35	15	01	11	03	12	05	08	03	13													
12	04	12	05	07	10	09	16	04	10	10	11	05													
12	05	06	02	03																					
12	05	12	16	11	07	03	13	04	08	06															

Results of Upper Wind Observations,
MAWSON 1962

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	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt
12	06	06	35 06	28 03	17 07	16 04	26 01						
12	06	00	22 11	15 05	10 06	09 07	03 07						
12	09	06	33 03	28 06	36 05	02 06	07 08						
12	09	12	18 06	25 02	31 02	08 02	05 05						
12	09	00	22 02	31 04	33 09	02 04							
12	10	12	24 15	24 05	16 05	09 06							
12	10	00	20 12	21 06	21 04	09 09	04 03						
12	20	06	34 05	32 02	33 05								
12	20	12	31 08	33 06	33 08	32 08	36 05						
12	20	00	05 03	11 05	02 04	07 04							
12	21	00	32 15	32 14	33 09	35 08	08 04						
12	24	00	17 38	18 13	30 02	35 04	29 03						
12	25	06	22 17	24 10	26 37	27 08	13 02						
12	25	12	21 33	27 21	31 07	27 07	33 05						
12	26	06	23 14	24 14	24 06	34 06	24 06						
12	26	12	24 24	24 20	25 12	25 09	29 08						
12	26	00	20 16	23 11	26 08	26 06	27 04						
12	27	06	25 23	26 21	26 14	26 12	26 05						
12	27	00	25 24	25 21	25 13	25 12	29 05						
12	28	00	27 33	27 33	26 29	26 23	26 18						
12	50	12	27 43	28 34	28 20								

Results of Upper Wind Observations,
WILKES 1962

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	$\times 10$	k \ddot{t}																	
1	01	06	36 06	32	14	30	16	30	15	29	17	28	22	28	29	27	45	27	51	27	57	28	39
1	01	12	05 10	04	13	03	10	33	09	32	08	32	09	33	16	31	20	32	19	32	23	29	28
1	01	24	18 03	12	06	06	05	08	06	08	06	08	09	22	05	02	03	09	16	06	05	25	18
1	02	12	24 03	03	24	09	22	06	20	12	23	12	22	13	21	14	21	15	21	19	22	23	24 37
1	03	13	22 04	16	06	18	12	19	10	22	12	24	19	25	43	25	68	26	94	26	40	24	54
1	03	00	24 04	21	09	21	16	20	17	20	14	22	19	23	17	26	16	28	16	24	40	24	54
1	04	12	09 30	06	30	04	25	03	22	05	03	07	12	33	21	29	35	30	51	30	56	30	66
1	04	00	09 35	06	72	04	78	35	35	32	25	30	08	35	25	35	36	34	42	36	47	32	54
1	05	12	05 04	05	12	07	12	08	08	08	09	10	08	13	08	24	05	34	09	28	06	25	14
1	05	01	08 15	06	19	04	10	08	08	08	11	08	16	03	05	09	00	01	07	32	03	29	12
1	06	12	00 00	08	02	05	15	06	12	09	10	10	08	36	05	29	15	26	30	28	35	30	17
1	06	00	00 00	10	02	11	03	12	09	11	17	14	15	18	21	22	23	29	05	29	18	27	33
1	07	12	09 35	08	58	07	45	06	22	09	15	15	14	10	36	08	06	06	25	06	23	07	07
1	07	00	07 14	07	40	06	36	05	24	06	22	14	17	06	31	05	19	03	20	03	19	01	17
1	08	12	09 25	09	25	06	11	04	11	35	04	09	22	11	29	09	23	09	24	11	23	09	08
1	08	01	10 18	09	40	06	32	07	18	08	33	03	39	13	14	10	45	10	47	10	18	00	00
1	09	12	17 04	14	04	09	10	07	08	12	05	12	12	11	16	11	17	12	32	13	24	12	06
1	09	00	18 06	24	04	07	10	07	19	08	17	08	16	10	31	10	27	10	23	09	24	11	06
1	10	12	00 00	15	04	16	03	16	05	14	11	12	06	11	08	17	13	19	31	17	19	20	09
1	10	00	00 00	05	03	13	05	11	04	11	10	11	10	11	12	15	16	14	16	16	31	00	00
1	11	12	04 02	02	05	08	04	19	05	13	06	09	12	09	16	24	03	25	09	31	10	30	13
1	11	00	12 02	14	04	03	06	11	12	12	17	10	12	09	10	16	12	18	22	22	16	18	11
1	12	12	03 10	10	04	12	05	14	07	09	06	17	07	15	05	25	35	35	36	44	36	46	16
1	12	00	04 06	05	12	02	05	07	07	10	12	05	10	10	35	10	32	15	32	41	32	26	32
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1	29	00	09 05	06	16	04	07	06	11	06	08	10	06	31	03	20	20	23	36	23	41	24	
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2	03	00	31 1																				

Results of Upper Wind Observations,
WILKES 1962

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		
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3	09	12	04 02	02 06	03 08																	

Results of Upper Wind Observations,
WILKES 1962

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		$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt															
3	24	11	01	04	36	05	32	12	27	28	27	32	28	25	30	17	33	19	31	13	29	18					
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3	25	00	23	08	05	04	03	18	03	18	02	18	01	24	36	23	32	12	34	14	30	22	28	19			
3	26	12	07	04	04	09	01	07	05	07	02	10	05	07	03	11	33	10	32	20	33	22	32	21			
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3	27	12	07	10	04	24	34	08	32	10	29	18	32	20	30	15	29	32	28	24	30	26	30	30			
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4	01	13	00	00	00	00	32	08	30	09	28	14	26	22	28	13	29	14	31	15	28	14	27	11			
4	01	24	05	02	07	04	03	05	27	10	25	09	32	07	31	15	27	08	26	18	24	26	24	29			
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4	03	12	18	06	18	06	29	06	26	08	24	08	25	14	28	26	28	24	29	53	28	49					
4	03	00	00	00	15	02	00	00	24	14	24	12	24	18	25	37	25	75	26	110	25	144	26	70			
4	04	12	18	40	17	40	19	32	20	39	20	39	21	44	21	65	22	76									
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4	05	12	09	06	06	08	05	02	28	02	23	08	25	15	25	35	27	66	28	70	26	73	29	58			
4	05	00	18	08	04	04	35	12	09	07	15	06	27	10	31	22	32	36	31	64	31	65	31	72			
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4	10	23																									
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4	11	23																									
4	12	14	18	40																							
4	13	12	19	16	19	18	22	22	23	26	23	43	24	51	24	70											
4	13	00	18	16	16	19	19	20	20	30	23	41	25	47	25	52	25	54	25	53	26	83	25	76			
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4	20	12	18	14	12	08	11	07	10	06																	

Results of Upper Wind Observations,
WILKES 1962

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	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt									
5	03	12	00 00		15	02	08	11	11	14	14	13	19	06	05	02	23	08	24	29	25	33					
5	03	00	00 00	07	11	06	08	10	12	08	13	07	11	28	03	28	28	28	14	25	25	31					
5	04	14	00 00	11	04	13	05	16	16	18	17	19	14	20	14	24	16	21	38	23	54	22	56				
5	04	02	00 00	00	00	08	06	10	13	14	17	10	27	12	21	16	18	20	25	20	35	22	36				
5	05	12	00 00	05	16	05	17	03	14	03	16	32	08	25	35	26	44	27	54	28	65	27	53				
5	05	01	00 00	05	03	36	04	24	08	23	10	21	06	23	30	23	71	23	97	23	103						
5	06	12	24 01	05	14	06	15	06	08	27	01	21	09	27	20	30	27	29	32	27	41	26	45				
5	06	00	00 00			10	12	09	13	14	07	31	07	26	19	29	23	29	22	27	68	27	66				
5	07	12	19 04	08	04	04	02	30	02	25	11	28	10	28	18	27	54	27	73	27	68	27	66				
5	07	00	00 00	34	05	26	06	23	10	24	02	25	15	24	24	24	30	26	35	27	32	26	45				
5	08	12	23 08	10	06	05	26	07	30	09	25	06	09	30	15	30	32	30	53	31	73	29	84				
5	08	00	18 04	16	05	06	11	10	20	06	09	08	06	28	06	26	15	29	29	28	43	27	49				
5	09	12	19 02	05	10	05	02	07	12	11	14	20	06	23	12	20	25	21	33	25	28	27	45				
5	09	00	18 08	15	08	05	11	04	19	11	07	08	15	01	04	04	09	08	28	25	28	28	48				
5	10	12	00 00											28	14	29	26	30	50	29	47	29	56	29	55		
5	10	00	04 08	32	16	25	09	25	13	25	18	25	20	26	33	25	57	25	45	25	52	26	58				
5	11	12	09 04	05	04	34	06	20	04	24	06	22	05	24	15	26	20	27	22	27	30	28	35				
5	11	00	02 04	04	04	16	06	25	04	22	04	24	09	26	15	25	22	27	27	30	27	30					
5	12	12	09 10	03	14	36	06	14	05	29	10	24	18	27	25	28	24	23	38	23	45	24	43				
5	12	02	06 08	05	12	33	10	14	03	29	04	25	05	27	11	24	24	25	32	26	42	26	38	27	32		
5	13	00	09 06	01	02	06	14	12	06	22	02	26	11	24	31	24	50	24	55	26	40	25	33				
5	14	12	00 00	34	04	33	01	02	04	28	07	26	17	28	22	29	19	50	33	29	31	28	40				
5	14	01	00 00	31	04	21	02	10	02	36	02	27	15	27	26	26	32	28	29	27	34	28	34				
5	15	12	00 00	11	05	13	07	27	22	29	27	29	32	28	30	29	25	25	29	15	28	24	29				
5	15	01	00 00	15	04	06	10	30	05	26	21	27	23	28	21	29	29	26	29	29	28	31					
5	16	12	32 06	33	05	01	09	11	09	34	11	33	16	30	16	27	20	29	21	29	23	28	27				
5	16	00	00 00	08	04	03	20	32	26	32	32	33	31	30	29	22	30	29	29	26	29	26					
5	16	23	03 04	34	09	33	08	05	08	33	08	30	09	29	12	31	15	33	18	30	18						
5	17	12	03 04	34	09	33	08	05	08	33	08	30	09	29	12	31	15	33	18	30	18						
5	18	00	00 00																								
5	19	12	20 10	05	20	05	33	04	31	04	23	03	21	03	23	01	26	00	00	30	12	26	22				
5	19	00	00 00	20	02	16	04	06	18	06	22	06	20	04	17	03	16	04	10	25	14	23	35	22	38		
5	20	11	00 00	24	02	13	06	17	07	19	03	12	17	05	30	12	25	23	25	16	26	33	26	53			
5	21	12	00 00	24	02	13	06	17	07	19	03	12	17	05	30	12	25	23	25	16	26	33	26	53			
5	22	14	00 00																								
5	22	00	00 00																								
5	23	11	00 00																								
5	24	13	09 26	10	50	10	34	08	35	14	5	02	07	11	28	09	28	10	14	35	12	30	24				
5	24	00	00 00	05	06	36	09	15	06	17	08	17	06	26	10	28	15	29	24	27	30	27	33				
5	25	13	00 00	05	08	06	06	10	14	11	23	17	23	16	10	20	22	19	26	14	27	29	28				
5	26	13	20 04	10	04	20	25	24	22	24	25	22	24	36	25	36	24	43	24	38	26	40	26	57			
5	26	00	00 00	36	08	29	10	20	14	24	16	23	16	22	16	22	16	25	14	26	35	27	37				
5	27	13	36 04	30	08	23	12	24	22	25	22	25	22	38	27	60	28	71	28	75	29	73	27	47			
5	27	01	20 24	20	25	21	19	22	22	24	23	22	23	40	25	50	25	40	30	49	31	63	31	92			
5	28	13	15 04	18	04	35	07	29	12	28	18	29	15	30	30	40	30	49	31	63	31	82	31	92			
5	28	00	34 02	36	06	31	07	27	23	29	27	27	34	26	45	26	73	24	83	25	86	26	87				
5	29	03	03 01											06	08	02	08	31	16	31	26	31	42	31	52	30	47
5	29	11	00 00	04 12	02	09	03	10	36	7	32	20	29	62	27	66	27	68	26	87	75	01					
5	30	00	00 00	06	05	11	07	18	07	21	14	23	08	23	28	23	64	23	80	24	103	24	98				
5	31	13	18 01	24	08	24	06	30	18	28	22	28	32	29	29	44	30	68	30	105							
5	31	24	15 10	16	07	18	10	18	17	23	29	24	31	26	42	28	43	27	64	28	61	28	59				
6	01	14	16 23	16	30	18	19	19	24	22	30	21	38	24	66	24	62	24	62	25	57	25	70				
6	01	24	18 26	15	20	15	28	17	30	27	20	31	23	35	25	39	24	53	24	49	24	49					
6	02	13	16 12	14	04	11	06	18	09	18	12	22	24	26	28	25	34	25	42	26	39	26	40				
6	03	13	05 02	18	02	09	08	10	14	11	10	13	08	22	18	24	21	25	27	24	32	27	33				
6	04	00	00 00	12	08	06	07	10	18	12	13</																

Results of Upper Wind Observations,
WILKES 1962

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	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt
6	13	12	18 10	0.9	0.6	0.6	1.7	0.8	1.8	0.9	2.2	1.2	2.2	1.1	0.8	0.0	0.0	2.5	0.6	3.0	1.3	2.5	1.2
6	13	01	14 04	0.5	0.4	1.0	0.8	1.1	0.9	1.0	1.6	0.9	2.5	0.5	0.7	3.2	2.2	3.1	3.2	3.0	6.0	3.1	2.6
6	14	12	00 06	0.8	0.6	0.2	0.7	0.8	1.6	0.9	1.1	1.4	0.2	3.2	0.8	3.5	1.4	3.5	0.7	3.4	1.4	2.7	1.2
6	15	12	04 06	3.1	0.3	2.9	1.2	2.9	0.3	2.8	0.8	2.7	0.9	3.2	1.2	2.6	1.6	2.4	2.2	2.2	2.1	2.4	2.9
6	15	00	09 04	1.5	0.4	1.5	0.4	1.0	0.5	1.0	0.5	1.4	0.6	2.4	1.0	2.7	0.9	2.9	1.2	3.1	1.4	2.5	2.2
6	16	12	10 01	1.6	1.2	1.3	0.7	1.1	1.6	0.9	2.0	1.5	1.4	1.5	1.2	1.9	1.2	1.8	0.6	2.4	1.0	3.0	1.2
6	16	00	00 00	0.0	0.0	2.9	0.8	0.3	0.7	0.2	0.6	2.3	0.5	2.2	2.1	2.2	2.7	2.3	2.4	2.5	2.2	2.5	2.8
6	17	12	14 08	0.7	2.0	0.6	2.6	0.6	3.0	0.6	2.7	0.5	2.4	0.2	2.4	0.3	2.5	0.2	1.8	0.5	1.2	0.6	0.4
6	17	00	11 05	0.7	1.6	0.5	1.6	1.0	0.3	1.2	2.2	1.1	1.9	1.3	1.0	1.4	1.0	1.1	0.6	0.8	0.2	2.9	1.1
6	18	12	00 00	0.9	1.0	0.9	0.9	0.5	1.0	0.6	1.0	1.0	2.0	1.0	1.2	2.6	1.1	2.1	1.1	3.5	1.2	2.5	1.4
6	18	00	12 12	0.9	2.3	1.0	0.6					0.9	2.8		1.1	4.7	1.1	3.7	1.2	2.0	1.4	1.7	
6	19	12	00 09	2.6	0.8	3.0	0.5	0.4	0.2	2.2	0.2	0.6	0.2	0.5	1.3	0.4	1.9	1.0	0.6	1.3	0.6	1.7	1.5
6	20	12	36 08	2.1	1.0	3.4	0.9	3.5	1.0	2.9	1.1	3.1	1.6	3.2	1.3	3.1	0.8	2.8	1.3	2.4	2.9	2.6	2.3
6	21	13	00 00	1.7	0.4	3.1	0.7	2.4	0.7	1.6	0.9	1.9	1.2	2.1	1.0	1.8	0.6	3.0	0.4	3.5	0.9	2.9	1.2
6	22	13	09 10	0.6	0.6	3.3	0.9	2.7	1.8	2.8	2.3	2.6	2.5	2.7	2.2	2.7	2.4	3.3	0.9	3.4	1.2	3.2	0.9
6	22	00	00 00	0.5	0.2	3.5	0.2	2.5	1.0	2.4	0.8	2.6	1.4	2.6	1.2	2.8	0.3	3.4	0.6	0.2	0.8	3.2	0.7
6	23	13	09 45	0.7	5.6	0.4	4.5	0.4	4.7	0.4	2.9	0.5	1.5	0.2	1.8	3.6	3.9						
6	23	00	20 02	0.8	0.8	0.4	2.8	0.3	2.6	0.4	2.0	0.3	1.9	3.5	1.8	3.2	2.5	3.1	3.3	3.2	2.0		
6	24	12	00 00																				
6	25	12	11 20	1.3	1.5	1.4	0.6	0.7	1.1	0.6	1.5	1.0	2.3	0.8	3.7	0.9	0.9	3.6	0.9	4.6	0.8	5.5	0.8
6	25	00																					
6	26	11	00 00	1.1	0.2	2.1	0.8	1.7	0.5	0.8	2.7	1.1	3.0	1.1	2.5	1.0	2.7	1.1	1.7	1.1	2.5	1.0	3.2
6	27	12	18 06	0.9	0.6	0.4	1.8	0.8	2.0	1.0	1.5	2.7	0.4	2.8	1.2	2.9	1.0	2.6	1.2	2.5	1.0	2.7	1.6
6	27	00	18 05	1.1	0.4	1.0	1.1	1.2	2.0	1.6	2.2	1.6	1.6	1.6	2.3	2.2	1.7	2.3	2.6	2.3	2.6	2.5	1.4
6	28	13	11 43	0.7	2.9	0.4	3.8	0.5	3.3	0.4	3.3	0.3	2.5	0.3	3.0	3.5	1.7	3.0	2.9	2.8	1.7		
6	28	00	00 00	0.1	0.8	0.5	3.4	0.8	2.7	0.9	1.9	0.4	1.4	0.2	1.3	3.4	2.0	3.5	1.8	3.5	2.2	3.1	1.1
6	29	12	06 08			2.6	1.6	2.5	1.6	3.0	1.2	3.6	0.9	0.3	1.7	0.4	2.8	0.3	3.5	0.2	2.7	3.5	2.1
6	29	00	18 20	1.4	1.3	1.8	1.2	1.7	3.0	1.9	1.1	2.9	0.6	3.1	1.4	3.0	1.5	3.0	1.2	3.1	2.1	3.1	1.2
6	30	12	00 00	0.4	1.2	0.5	2.4	0.7	2.3	0.5	2.2	0.5	2.2	0.5	3.0	3.0	0.5	3.5	0.4	2.7	0.1	2.2	3.6
6	30	00	00 00	0.3	1.5	0.2	1.9	0.3	1.9	0.2	2.1	0.2	2.1	0.4	2.0	0.3	2.4	0.4	3.7	0.2	4.9	3.4	2.1
6	30	24	10 45	1.0	2.7	1.5	0.7	2.0	0.5	1.4	1.0	0.9	1.9	0.8	2.0	3.6	1.5	0.1	0.6	3.3	1.0	3.1	0.5
7	01	12	19 03	2.6	0.6	1.9	0.2	1.6	0.5	1.7	1.4	1.7	1.6	2.0	2.1	1.9	1.4	1.9	0.9	2.2	1.3	2.2	2.0
7	01	24	17 04	0.1	0.2	3.3	0.8	2.9	0.1	1.7	0.5	1.7	0.8	1.0	1.3	1.4	1.4	1.5	1.7	2.0	2.8	2.2	3.7
7	02	12	04 08	3.5	0.8	3.0	1.0	2.8	1.7	2.7	1.5	2.8	1.7	2.5	2.2	3.3	2.3	3.3	2.7	2.4	2.9	3.2	
7	03	12	09 05	0.6	0.4	2.4	0.8	2.0	1.5	2.2	2.8	2.2	3.7	2.4	5.0	2.5	4.8	2.5	3.3	2.7	2.4	2.9	4.6
7	03	00	07 06	0.8	0.8	2.0	0.8	2.4	1.6	2.3	2.0	2.5	2.7	2.2	2.8	2.2	2.8	2.3	2.3	2.3	2.4	2.7	4.6
7	04	12	07 06	0.4	1.1	0.4	1.1	2.4	0.5	0.5	0.8	2.6	1.1	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.7	2.7	7.5
7	04	09 08	3.6	0.4	1.9	0.3	1.8	0.7	2.5	1.4	2.6	1.6	2.6	2.7	3.1	2.7	3.1	2.7	3.0	2.7	2.7	2.7	5.1
7	05	12	08 04			1.5	0.4	1.7	1.7	1.5	1.6	2.2	2.1	2.6	1.5	2.8	1.4	2.9	3.6	3.0	6.7	2.9	4.4
7	05	01	16 02	1.3	0.3	1.2	1.0	1.1	1.4	1.2	1.1	1.0	1.0	2.5	1.4	2.8	1.4	2.9	3.6	3.0	6.7	2.9	4.4
7	06	13	00 00	0.2	0.8	2.6	0.6	1.9	1.5	2.0	1.0	2.5	2.2	2.7	2.2	2.9	2.4	3.0	3.3	2.9	3.0	2.9	3.5
7	06	02	00 00	0.5	0.4	1.3	0.7	1.6	1.6	2.1	1.8	2.2	2.0	2.4	2.5	2.5	2.3	2.8	2.8	4.0	2.8	3.3	
7	07	12	08 04	0.6	0.6	0.1	1.1	2.5	1.8	2.6	2.5	2.6	2.1	2.8	3.1	2.8	3.9	2.9	4.2	2.8	6.0	2.8	5.8
7	07	00	00 00	1.8	0.8	2.2	0.2	2.3	0.8	2.2	1.6	2.4	1.8	2.4	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.7	4.7
7	08	13	18 16	1.6	1.9	1.4	2.9	1.4	3.7	1.5	2.5	1.5	2.8	1.9	3.8	2.1	2.2	0.0	0.0	2.2	0.9	2.5	2.2
7	08	01	22 04	1.0	0.8	2.0	0.7	2.8	0.8	2.3	0.9	3.1	0.9	1.2	0.8	1.9	0.3	2.5	0.3	2.2	3.5	2.0	
7	09	13	36 10	3.1	1.6	2.9	2.9	2.8	2.9	2.9	2.7	2.8	2.9	3.0	2.4	3.0	2.9	2.9	2.8	3.1	2.9	3.4	
7	10	12	00 00	0.3	0.2	1.9	2.1	2.0	2.0	1.6	2.4	1.8	2.1	1.7	2.2	0.9	2.3	0.9	3.1	1.5	3.1	3.0	
7	10	00	00 00	2.8	0.2	2.1	1.0	2.4	2.2	2.5	2.5	2.4	2.1	2.1	2.7	2.1	2.7	2.1	2.7	3.3	3.3	3.3	
7	11	13	18 30	1.6	3.0	1.9	2.7	1.9	2.9	2.0	3.9	2.1	4.5	2.5	3.8	2.6	2.7	3.3	2.9	2.9	2.9	2.9	
7	12	14	22 19	2.0	2.1	2.3	2.7	2.3	2.7	2.4	4.2	2.4	4.2	2.4	5.8	2.3	6.7	2.2	9.4	2.3	7.6	2.4	
7	12	01	19 30	1.8	4.1	2.2	3.1	2.3	3.0	2.4	3.9	2.3	4.5	2.5	3.2	2.5	3.4	2.6	3.1	2.6	3.0	2.7	
7	13	12	20 08	1.2	0.6	0.5	2.2	0.4	1.7	0.3	2.1	0.2	1.6	0.2	0.9	0.2	2.4	3.5	1.7	3.2	2.7		

Results of Upper Wind Observations,
WILKES 1962

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	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt									
7	25	12	04	02	04	06	18	09	23	16	25	20	29	22	30	26	30	34	31	43	31	55	28	59			
7	25	00	00	00	22	04	18	05	14	07	21	11	24	17	25	38	25	53	26	51	27	55	28	59			
7	26	13	00	00	02	02	06	05	11	08	14	17	13	12	09	04	15	04	03	02	28	14	20	22			
7	26	00	00	00	20	08	23	13	23	15	24	31	24	16	26	47	27	51	28	50	29	51	29	58			
7	27	12	00	00	31	02	12	08	13	23	14	22	15	23	16	29	17	07	17	07	22	09	25	12			
7	27	00	00	00	04	06	06	10	14	08	29	04	19	04	29	05	30	06	32	14	30	25	12				
7	28	12	18	50	19	24	21	23	22	26	23	37	24	36	24	44	24	49	24	57	24	62	24	60			
7	28	00	00	00	00	00	00	00	10	05	13	13	15	15	16	15	17	10	21	07	23	10	27	20	24		
7	29	12	00	00	04	08	21	11	24	16	25	30	25	43	25	60	24	74									
7	29	00	00	00	20	12	25	30	26	43	50	26	58	26	66	26	68	25	64	25	37	25	67				
7	30	12	00	00	03	02	34	05	23	06	27	12	27	24	26	36	28	33	28	48	28	45	28	51			
7	30	00	00	00	05	04	30	10	23	11	24	22	25	41	26	49	27	58	27	68	26	58	27	54			
7	31	12	16	02	17	05	13	07	16	05	20	06	24	14	22	23	25	26	27	57	27	50	28	60			
7	31	01	00	00	19	06	04	07	36	12	33	14	34	23	32	36	32	37	33	43	30	39	29	45			
7	31	24	00	00	18	06	08	04	13	09	17	08	26	05	28	14	29	25	21	49	31	38	30	35			
8	01	12	11	02	32	04	32	06	30	06	27	11	26	12	30	13	30	20	33	22	31	25	31	27			
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8	02	12	07	08	32	12	30	10	27	24	26	20	27	14	29	11	27	04	25	12	26	29	27	31			
8	03	12	12	02	05	14	34	08	30	12	30	14	28	16	29	16	30	16	30	19	31	12	28	20			
8	04	12	00	00	21	05	25	10	26	33	27	28	26	30	26	50	26	59	26	49	26	45	26	36			
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8	09	23																									
8	10	11																									
8	10	23																									
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8	11	23																									
8	12	11																									
8	12	23																									
8	13	11																									
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8	24	00	18	04	13	06	06	15	09	09	10	14	08	19	09	11	10	13	08	15	09	10	35	16			
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8	25	12	04	10	04	16	04	10	33	05	27	13	28	19	28	20	28</td										

Results of Upper Wind Observations,
WILKES 1962

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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9	04	12	20	18	20	22	25	30	25	20	25	17	26	22	26	25	28	24	32	24	37	25	44				
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9	05	12	09	04	08	06	12	10	14	07	19	06	22	09	22	08	25	18	24	24	24	17	27	16			
9	05	00																									
9	06	12	06	11	33	12	30	15	27	12	29	10	29	08	33	06	34	08	02	15	01	33	01	32			
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9	25	12	09	18					09	10	10	07	22	06	05	12	02	18	36	37	36	33	26	35	29		
9	25	00	00	00	06	04	05	03	05	04	07	19	06	19	07	21	02	15	02	16	35	19	33	25			
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0	01	24	16	02	05	06	10	04	27	02	27	05	24	05	26	15	27	21	27	24	26	31	25	39			
0	02	12	00	00	31</td																						

Results of Upper Wind Observations,
WILKES
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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					
				GMT	$\times 10$ kt																				
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0	15	12	09	04	06	04	28	03	29	05	30	07	32	11	33	18	33	46	33	50	34	32	27	16	
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11	12	00	09	20	02	18	05	03	17	05	11	13	12	19	11	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	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt	$\times 10$	kt							
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Results of Upper Wind Observations,
WILKES 1962

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	
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Results of Upper Wind Observations,
WILKES 1962

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	
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Results of Upper Wind Observations,
WILKES 1962

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	$\times 10$	kt																			
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4	07	00	30	25	29	32	30	32	29	30	30	32	29	30	30	32	29	30	30	32	29	30	30	32
4	08	12	31	56	30	52	31	54	30	56	30	54	30	56	30	54	30	56	30	54	30	56	30	54
4	08	00	31	58	30	44	31	48	30	42	29	46	29	46	29	46	29	46	29	46	29	46	29	46
4	09	12	29	31	28	40	27	52	28	46	27	50	28	46	27	50	28	46	27	50	28	46	27	50
4	09	00	30	38	29	52	29	48	29	52	29	48	29	52	29	48	29	52	29	52	29	52	29	52
4	10	15	25	35	26	44	26	48	25	55	26	46	26	46	26	46	26	46	26	46	26	46	26	46
4	10	00	25	33	25	46	26	42	26	52	26	46	26	52	26	46	26	52	26	46	26	52	26	46
4	11	03	25	37	26	40	26	48	26	46	26	48	26	46	26	46	26	46	26	46	26	46	26	46
4	11	12	26	35	26	40	26	42	26	38	26	42	26	38	26	42	26	38	26	42	26	38	26	42
4	13	00	26	69	27	70	26	62	27	64	27	64	27	64	27	64	27	64	27	64	27	64	27	64
4	14	12	29	81	28	56	28	60	28	56	28	42	29	56	28	42	29	56	28	42	29	56	28	42
4	15	02	30	40	30	28	30	44	29	42	29	42	29	42	29	42	29	42	29	42	29	42	29	42
4	16	13	24	50	50	48	25	46	25	46	25	44	25	44	25	44	25	44	25	44	25	44	25	44
4	16	01	27	27	25	32	24	34	25	32	25	32	25	32	25	32	25	32	25	32	25	32	25	32
4	17	12	28	34	27	32	27	36	26	36	26	44	26	44	26	44	26	44	26	44	26	44	26	44
4	17	00	27	44	27	40	27	36	26	36	26	46	26	46	26	46	26	46	26	46	26	46	26	46
4	18	12	24	25	25	26	26	26	30	27	36	27	36	27	36	27	36	27	36	27	36	27	36	
4	19	12	30	20	29	26	27	30	28	34	27	34	27	34	27	34	27	34	27	34	27	34	27	34
4	19	00	26	21	27	28	27	30	27	30	27	30	27	30	27	30	27	30	27	30	27	30	27	30
4	20	12	28	22	29	22	29	26	29	26	29	26	29	26	29	26	29	26	29	26	29	26	29	26
4	20	00	30	25	25	29	30	29	28	29	30	29	30	29	30	29	30	29	30	29	30	29	30	29
4	21	12	29	22	29	22	29	24	29	24	29	24	29	24	29	24	29	24	29	24	29	24	29	24
4	21	00	27	12	28	22	28	22	28	22	28	22	28	22	28	22	28	22	28	22	28	22	28	22
4	22	12	32	22	29	21	18	30	20	31	24	28	31	28	30	30	32	30	32	30	32	30	32	30
4	22	00	32	16	31	24	31	24	32	23	31	24	32	23	31	24	32	23	31	24	32	23	31	24
4	23	12	32	15	31	15	31	20	32	23	31	29	31	29	31	29	31	29	31	29	31	29	31	29
4	23	00	32	16	32	12	32	23	31	23	31	29	31	23	31	29	31	23	31	29	31	23	31	29
4	24	12	29	15	29	17	28	21	29	21	29	21	29	21	29	21	29	21	29	21	29	21	29	21
4	24	00	31	18	30	19	30	16	30	16	30	16	30	16	30	16	30	16	30	16	30	16	30	16
4	25	12	26	12	26	20	25	27	26	27	26	27	26	27	26	27	26	27	26	27	26	27	26	27
4	25	00	27	24	28	28	25	27	26	27	26	27	26	27	26	27	26	27	26	27	26	27	26	27
4	26	12	25	22	25	32	25	33	24	34	24	30	25	30	24	30	25	30	24	30	25	30	24	30
4	26	00	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
4	27	12	26	43	24	42	25	46	25	46	25	46	25	46	25	46	25	46	25	46	25	46	25	46
4	27	00	24	39	25	42	25	46	26	43	26	43	26	43	26	43	26	43	26	43	26	43	26	43
4	28	12	25	39	25	45	26	43	27	43	28</td													

Results of Upper Wind Observations,
WILKES 1962

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	°x10 kt	°x10 kt	°x10 kt	°x10 kt	°x10 kt	°x10 kt	°x10 kt	°x10 kt	°x10 kt	°x10 kt	°x10 kt
5	10	12	28 57	28 57	28 62	27 72	27 71						
5	10	00	27 56	27 55	28 58	27 65	27 68						
5	11	12	28 37	28 41	28 54	28 56	28 66						
5	11	00	28 42	28 53	28 55	29 55	28 74						
5	12	12	25 41	25 46	25 52	25 71	25 66						
5	12	02	25 31	26 34	25 47	25 49	26 53						
5	13	12	27 38	27 42	28 43	26 59	27 61						
5	13	00	26 37	26 40	25 47	25 64	25 61						
5	14	12	28 37	29 42	28 50	28 53	28 62						
5	14	01	28 34	28 40	27 43	27 49	27 61						
5	15	12	28 38	29 39	29 47	29 52	29 76						
5	15	01	28 36	28 41	28 53	27 51	28 64						
5	16	12	29 27	29 28	28 33	29 43	29 50						
5	16	00	28 26	29 31	28 40	29 46	29 49						
5	17	13	30 24	30 30	29 30	29 49	29 49						
5	17	02	25 30	25 31	26 48	25 52	25 56						
5	18	13	25 30	26 54	26 51	26 68	27 60						
5	18	00	24 42	24 46	25 49	25 62	25 60						
5	19	13	26 48	27 50	27 57	27 59	27 63						
5	19	00	30 36	29 44	29 50	29 57							
5	20	13	28 41	27 48	28 50	28 58	29 61						
5	20	00	24 42	24 46	25 49	25 62	25 60						
5	21	13	26 48	27 50	27 57	27 59	27 63						
5	21	00	30 36	29 44	29 50	29 57							
5	22	13	28 41	27 48	28 50	28 58	29 64						
5	22	00	28 33	28 41	28 53	29 55	29 64						
5	23	13	27 49	27 69	28 50	28 57	27 68						
5	23	00	27 44	28 49	28 48	28 60	28 74						
5	24	13	28 60	28 40	28 52	28 66							
5	24	00	29 50	28 54	27 65	27 67	27 76						
5	25	13	25 68	25 54	29 62	29 61							
5	25	00	24	29 54	29 60	29 74							
6	01	24	25 50	28 46									
6	02	13	27 42	28 45	28 50	28 48	29 62						
6	03	13	27 32	29 33	28 41	29 49	29 58						
6	04	12	26 38	28 31	28 39	29 40	29 46						
6	04	01	26 30	29 30	28 45	29 45	29 54						
6	05	12	26 28	28 33	28 35	28 39	28 44						
6	05	00	26 35	27 30	28 37	28 38	28 44						
6	06	12	26 34	27 34	28 38	27 40	27 45						
6	07	12	25 34	25 36	26 39	26 45	25 46						
6	07	00	26 30	27 34	26 35	27 42	27 54						
6	08	12	21 39	25 38	24 43	25 40	26 54						
6	08	00	24 30	22 31	25 38	26 42	27 56						
6	09	12	20 25	23 21	24 25								
6	09	00	22 37	25 25	24 39	26 42	25 48						
6	10	12	29 12	26 30	27 24	27 45	27 42						
6	11	12	29 50	27 26	27 29	26 36	26 41						
6	11	00	29 23	28 25	27 26	27 33							
6	12	12	27 23	26 23	26 25	26 28	26 53						
6	12	01	28 23	28 24	25 29	25 47	26 46						
6	13	12	25 16	26 27	26 35	26 38	26 44						
6	13	01	28 19	27 28	26 33	25 47	26 51						
6	14	12	28 26	26 26	26 37	26 46	26 55						
6	14	00	23 20	24 23	26 34	26 37	27 54						
6	15	12	25 33	25 46	25 50	26 55	25 61						
6	15	00	24 29	25 30	26 37	25 43	25 55						
6	16	12	28 17	29 28	28 33								
6	16	00	26 36	28 37	28 47	27 54	26 60						
6	17	12	15 03	24 16	25 27	25 34	26 43						
6	17	00	27 10	26 18	26 26	25 37	26 42						
6	18	12	16 19	21 21	21 27	22 34							
6	18	00	17 13	20 16	20 22	23 37	22 33						
6	19	12	24 33	24 34	24 42	24 52	25 58						
6	19	00	23 18	22 30	24 33	23 44							
6	20	12	29 27	28 33	27 40	27 48	26 49						
6	20	00	26 27	26 40	25 50	26 55	25 61						
6	21	13	29 21	28 30	28 36	28 41	28 55						
6	21	00	28 22	28 36	28 37	28 54	28 63						
6	22	13	30 15										
6	22	00	30 14	29 20	28 28	29 30	29 47						
6	23	00	32 17	30 20	30 27	29 33	29 44						
6	25	12	08 23										
6	26	00	10 20	00 00	25 15	29 29	30 16						
6	27	12	23 16	27 19	24 29	24 39	25 27						
6	27	00	22 17	22 15									
6	28	00	26 19	26 24	26 44	26 43	26 47						
6	29	12	32 18	30 26	29 36	28 32	28 48						
6	29	00	31 12	29 29	27 31	27 39							
6	30	12	32 26	29 27	28 31								
6	30	00	26 25	26 30	26 38								
6	30	00	33 25	27 25	28 32	27 31	28 50						

Results of Upper Wind Observations,
WILKES 1962

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	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt
7	01	12	24	32	25	39	24	47	25	51			
7	01	24	22	44	24	45	24	50	25	56	25	61	
7	03	12	27	46	27	57	28	62					
7	03	00	26	46	27	57	28	62					
7	04	00	28	50	28	60	28	68					
7	05	12	28	53	29	45	28	51	28	64	28	71	
7	05	01	27	24									
7	06	13	29	41	29	48	29	49	29	50	28	57	
7	06	02	30	33	29	50	30	58	28	70	28	86	
7	07	12	29	52	29	57	29	48	28	64	28	74	
7	07	00	29	44									
7	08	13	28	34	30	41							
7	08	01	33	28	31	37							
7	09	15	30	70	29	65	29	67	29	79			
7	09	01	29	45	29	47							
7	10	12	30	41	30	45	30	51	29	62	29	76	
7	10	00	32	53	30	55							
7	11	13	29	43									
7	12	14	25	47	25	66							
7	12	01	28	41									
7	13	12	30	40	29	43	29	58	30	55	29	73	
7	13	01									28	70	
7	14	12	30	45	30	36	29	57	28	59	28	60	
7	14	01	29	40	29	48	29	53	29	55	28	68	
7	16	13	27	32	26	41	26	51	25	71	25	82	
7	16	00	29	27									
7	17	12	27	43	27	51	27	71	27	90	22	108	
7	17	00	26	42	26	57	26	63	26	82	26	95	
7	18	00	26	45	26	62	27	80	27	90	27	110	
7	19	12	29	67	29	85	29	100					
7	19	00	27	69	27	82							
7	20	12	29	67	29	74	29	80	29	97	29	96	
7	20	01	29	60	29	77	29	92					
7	21	13	28	43	28	47	28	60	28	74	28	86	
7	21	01	31	58	30	56	30	69	30	80	29	100	
7	22	12	27	54	27	59	27	64	28	78	27	96	
7	22	01	27	43	27	56	27	64	27	78	27	96	
7	23	12	29	62	28	57	28	77	28	88	28	95	
7	24	12							29	78	29	87	
7	24	00	28	61	27	59	28	77	28	81	28	89	
7	25	12	31	59	30	68	31	80	30	88	30	99	
7	25	00	28	54	29	66	29	74	29	75	29	85	
7	26	13	28	37	30	47	29	50	29	57	30	71	
7	26	00	30	55	29	60	29	76	29	82	29	85	
7	27	12	25	14	27	17	27	23	27	24			
7	27	00	30	37	30	48	30	57	30	76	30	87	
7	28	12	25	54	26	55	26	63					
7	28	00	29	55	30	56	28	52	28	66	29	62	
7	29	00	25	45	26	74	25	63	24	78	26	93	
7	30	12	28	47	28	61	27	75	27	87	28	99	
7	30	00	26	50	27	57	27	76	27	83	27	113	
7	31	12	28	66	29	66	28	78	28	96	28	103	
7	31	24	29	45	29	56	29	66	29	80	29	98	
7	31	01	28	58	28	66	27	78	28	97			
8	01	12	30	32	30	40	30	55	29	63	29	60	
8	01	24	29	28	29	30	28	46	28	53	29	72	
8	02	12	27	38	26	45	26	60	26	72	27	86	
8	03	12	28	30	29	32	27	48	28	62			
8	03	01	28	43	28	52	28	55	28	79	28	99	
8	04	12	25	36	25	54	25	70	25	82	25	98	
8	04	00	26	32	25	50	26	55	26	72	26	89	
8	05	12	26	47	26	53	26	77	27	87	27	95	
8	05	00	24	40	25	60	25	64	26	92	26	101	
8	06	13	30	36	30	49	29	59	30	80	30	74	
8	06	02	27	51	28	54	28	75	28	80	28	98	
8	07	12	28	18	29	34	30	43	30	57	30	66	
8	07	00	33	31	31	38							
8	08	13	30	31	29	40	29	48	29	67	30	72	
8	08	00	29	23	29	38	29	49	29	58	29	76	
8	09	00	30	34	31	45							
8	11	10	32	43	32	56	31	60	31	64			
8	14	13	33	32									
8	14	02	03	47	34	37	31	45	30	57	29	72	
8	15	12	27	42	27	41	27	49	27	76	27	95	
8	15	00	30	38	30	37	29	54	28	57	28	80	
8	16	12	27	63	27	64							
8	16	01	25	59	26	54	26	70	26	80	27	95	
8	17	12	28	28									
8	18	13	26	47	26	67	27	85	26	102	26	117	
8	18	00	26	33	26	52	26	71	27	89	26	118	
8	19	12	28	76	27	70	30	90	27	99			
8	19	00	27	71	27	78	27	83	27	101	27	123	

Results of Upper Wind Observations,
WILKES 1962

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	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt	$\times 10$ kt
8	20	00	29 80	29 80	31 56	31 78	30 93	30 124					
8	21	12	33 64	32 75	31 93	30 111	30 135						
8	22	12	29 61	29 65	29 77								
8	22	00	27 63	29 73	29 81	29 100	29 116						
8	23	12	31 46	31 55	30 63	30 77	30 89						
8	23	00	30 59	30 70	29 68	29 85	29 94						
8	24	12	31 18	29 31									
8	24	00	33 18	31 37	30 50	30 64	30 80						
8	25	12	29 18	27 11	29 19	29 23	29 27						
8	25	00	30 20	29 31	29 53	29 57	30 70						
8	26	12	26 34	26 47	26 52	26 59	27 70						
8	26	00	24 27	25 36	25 46	26 47	26 47						
8	27	12	32 20	30 28	29 41	29 48							
8	27	01	32 08	29 51	29 37	29 44	28 56						
8	27	12	31 10	30 15	30 19								
8	27	24	29 18										
8	31	00	31 21	31 50	29 38	29 44	29 57						
9	01	13	31 14	31 20	29 26	30 34	30 43						
9	01	24	32 07	29 16	27 21	27 24	28 39						
9	02	10	21 12	24 20	23 23	23 36	25 50						
9	03	13	22 47	23 54	24 59	24 75	25 78						
9	03	00	18 32	22 44	23 54	23 58	24 65						
9	04	12	25 53	25 58	25 78	26 86	76 05						
9	04	00	24 47	24 54	24 59	25 63	25 87						
9	05	12	27 32	29 39	28 60	28 81	28 95						
9	05	00	26 56	27 64	27 83	26 101							
9	06	12	33 24	30 29	29 40	28 65	27 76						
9	06	00	32 25	30 28	28 48	28 62	28 83						
9	07	12	30 19	30 35	30 63								
9	07	00	32 21	30 34	29 47	29 58	27 82						
9	08	12	01 14	33 18	31 32	30 42	30 55						
9	08	00	32 19	31 31	31 44	30 57	29 74						
9	09	14	00 00	00 00	25 15	26 26							
9	09	00	06 12	34 09	29 14	29 24	28 38						
9	10	12	06 13	30 06	26 25	25 58	25 80						
9	10	00	28 03	22 12	24 31	24 42	25 63						
9	11	12	27 22	28 32	28 37	29 46							
9	11	00	26 16	26 38	27 50	27 63	28 88						
9	12	13	28 35	29 34	28 56	28 59	28 71						
9	12	00	27 24	28 35	28 58	27 50	28 63						
9	13	00	33 27	30 35	29 47	28 60	29 70						
9	14	12	29 30	29 44	29 57	29 75	28 93						
9	15	12	32 20	30 37	30 55	29 68	28 80						
9	15	00	29 17	29 38	28 52	28 67	28 82						
9	16	00	30 30	31 40	30 58	30 75	29 97						
9	17	12	30 23	30 43	29 63	29 80	29 96						
9	17	01	31 20	29 39	30 60	30 73	30 98						
9	18	12	28 36	28 65	27 91	28 93	29 99						
9	18	00	27 23	28 44	28 63	28 82	28 105						
9	19	12	29 46	29 67	29 77	29 103	29 115						
9	19	00	28 60	29 76	29 101	30 138	30 138						
9	20	14	28 40	28 39	29 73	30 82							
9	20	00	28 42	29 58	29 79	29 90	30 105						
9	21	13	27 61	28 68	29 82	29 87	29 114						
9	21	00	28 50	28 58	28 75	28 89	29 113						
9	22	00	30 46	30 61	29 64	30 83	30 117						
9	23	12	28 22										
9	23	01	32 12	29 34	30 43	30 65	29 74						
9	24	12	30 34	30 44	30 57	30 66	30 78						
9	24	00	29 25	29 42									
9	25	12	33 26										
9	25	00	32 34	31 39	31 45	31 57	30 63						
9	26	12	33 16	27 19	28 33	27 39	27 50						
9	26	01	34 16	31 23	30 29	29 30	29 38						
9	27	13	29 25	29 37	28 48	28 65	28 80						
9	27	00	31 16	29 28	29 39	28 49	27 50						
9	28	12	28 42	28 40	27 51	27 70	27 85						
9	28	00	30 25	29 38	27 57	27 80	27 96						
9	29	12	25 44	27 47	28 56	27 92	28 110						
9	29	00	24 26	26 33									
9	30	12	28 53	28 60	28 66	29 93	29 112						
9	30	00	27 47	28 58	29 69	28 93	29 109						
9	30	24	28 42	28 58	29 58	28 81	28 112						
0	01	12	27 39	27 57	27 70	28 82	28 110						
0	01	24	24 41	26 54	26 63	26 84	27 98						
0	02	12	23 73	25 59	25 76	27 78	27 97						

Results of Upper Wind Observations,
WILKES 1962

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	$\times 10$	kt																			
0	03	12	30	43	29	56	29	75	29	101	29	116												
0	00	29	55	27	66	28	78	28	109	28	112													
0	04	12	25	47	26	64	27	73	28	85	28	85												
0	04	00	27	28	27	41	28	54	28	72	28	94												
0	05	12	31	43	30	52	30	77	29	86	29	95												
0	05	00	28	55	29	24	29	64	29	85	29	100												
0	06	12	34	52	32	47	31	64	31	85	31	99												
0	06	00	02	35	31	55	31	64	30	93	30	110												
0	07	12	30	21	29	35	29	43	29	50	29	71												
0	07	00	35	25	31	31	31	48	30	59	31	73												
0	08	09	28	41	28	52	28	64	28	67	27	77												
0	08	00	28	35	28	39	28	43	28	65	28	67												
0	09	01	01	19	32	28	30	47	29	67	28	84												
0	10	12	34	19	30	28	29	52	29	57	29	77												
0	11	12	32	14	31	26	30	47	30	65	30	98												
0	11	01	33	14																				
0	12	13	31	19	30	30	30	49	30	70	30	90												
0	12	00	31	11	30	28	30	43	29	53	29	75												
0	13	13	32	15	32	28	31	41	31	61	31	83												
0	13	00	33	23	31	31	31	47	31	67	31	87												
0	14	12	30	14	30	21	29	22	30	35	30	44												
0	14	00	31	22	31	28	30	57	31	43	31	58												
0	15	12	24	23	24	35	24	39	25	45	25	52												
0	15	00	27	13	26	19	27	23	27	25	27	37												
0	16	12	29	36	28	45	28	55	27	58	27	73												
0	17	12	29	20	28	27	26	37	27	45	27	53												
0	17	00	30	29	30	40	29	45	27	45	28	56												
0	18	13	26	23	26	36	27	45	26	48	27	53												
0	18	02	28	22	27	33	27	42	28	50	27	59												
0	19	01	24	49	24	54	24	54	25	58	26	62												
0	20	11	28	63	28	79	28	97	27	114	27	116												
0	20	00	27	72	26	81	26	95	26	106	26	105												
0	22	12	32	56	32	81	31	93	31	104	30	97												
0	22	00	29	62	29	81	29	84	30	93														
0	23	13	31	41	30	35	31	50	31	62	31	76												
0	23	00	33	51	32	58	32	76	32	94	32	119												
0	24	12	28	43	28	44	29	51	29	53	30	60												
0	24	00	29	37	29	40	29	44	29	49	30	52												
0	25	12	28	53	28	53	28	60	28	62	28	71												
0	25	00	28	42	28	40	29	46	29	54	29	55												
0	26	12	30	50	30	65	30	76	29	80	29	96												
0	26	00	29	53	29	51	29	64	29	71	28	82												
0	27	12	29	36	29	50	29	69	29	83	28	86												
0	28	14	27	49	28	57	28	63	28	67	28	78												
0	28	00	27	39	28	52	28	63	29	79	30	77												
0	29	12	30	48	29	55	29	59	28	58	28	60												
0	29	00	28	64	27	67	28	61	27	72	28	76												
0	30	12	32	60	31	62	30	60	30	57	30	62												
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0	31	09	32	35	32	52	32	65	32	59	31	61												
0	31	00	33	50	32	60	32	64	31	59	30	64												
0	31	24	35	43	34	54	34	67	33	68	33	67												
11	01	12	33	29	33	46	33	52	33	61	33	64												
11	01	24	31	27	32	34	32	49	32	57	33	62												
11	02	12	28	35	29	46	31	52	32	63	31	69												
11	03	12	29	55	30	48	30	49	31	60	31	70												
11	05	00	29	39	30	53	31	62	31	69	31	71												
11	06	12	25	16	28	30	28	32	30	51	30	55												
11	06	00	27	50	27	53	27	56	27	61	27	67												
11	07	12	24	33	23	34	24	39	26	42	24	48												
11	07	00	22	46	22	51	23	59	24	61	24	63												
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11	08	00	26	39	26	39	26	43	27	40	27	44												
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11	10	12	28	19	28	22	28	21	29	25	30	19												
11	10	00	30	13	32	26	29	29	28	23	29	21												
11	11	12	01	39	36	35	35	29	33	26	34	25	34											
11	11	00	33	18	33	21	31	21	31	23	23	21	25											
11	12	12	01	52	36	52	35	48																

Results of Upper Wind Observations,
WILKES 1962

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

Results of Upper Wind Observations,
WILKES 1962

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	$\times 10$	kt									
12	29	12	23	23	23	21	24	15	25	15	18	04		
12	29	00	23	17	24	13	23	10	22	08	22	03		
12	30	12	23	22	23	20	23	16	23	14	22	06		
12	30	00	23	26	23	20	22	13	25	11	21	04		
12	31	12	21	19	21	19	21	12	21	10	18	12		
12	31	00	22	19	22	24	21	14	21	07	21	05		